



LOCATION MAP:



BUILDING INFORMATION:

BUILDING HEIGHT:	MAXIMUM =
	PROPOSED = 74'
DENSITY ALLOWED:	N/A
ZONING:	COMMERCIAL
CURRENT LANDUSE:	VACANT
PROPOSED LANDUSE:	HOTEL
SITE IS ZONED:	C I (COMMERCIAL INTENSE)
BUILDING SETBACKS	
FRONT 20	
SIDE 10	
SIDE CORNER N/A	
REAR 15	
LANDSCAPE SETBACK	
FRONT 20	
SIDE 15&10	
SIDE CORNER 20	
REAR 20&15	
FLOOD ZONE: THE PROPERTY LIES IN ZONE A.	

PARKING REQUIREMENTS:	
NO OF UNITS	SPACES REQ.
(1SPACE/ROOM)+2	136 + 2 = 138
1 SPACE/3 SEATS (RESTA.)	138 + 46 = 184
6 H.C SPACE UNDER 200	184 + 6 = 190
REQUIRED PARKING =	190
PARKING PROVIDED =	-----
REGULAR SPACES	184
HANDCAPED SPACES	6
TOTAL SPACE PROVIDED =	-----

BASIS OF DESIGN:

136 UNITS 6 STORY

DECOR PACKAGE:

CYNERGY

DESIGN GUIDELINE COMPONENTS:

THE DESIGN AND CONSTRUCTION CRITERIA DOCUMENTS INCLUDE THE FOLLOWING COMPONENTS:

1. DESIGN STANDARDS
2. DESIGN GUIDELINE DRAWINGS
3. DESIGN GUIDE PROJECT MANUAL MASTER INCLUDING:
   - INTERIOR FINISH INDEX (IFI)
   - EXTERIOR FINISH INDEX (EFI)
   - SIGNAGE MANUAL
     - INTERIOR GRAPHICS PACKAGE
     - EXTERIOR GRAPHICS PACKAGE
   - FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL
   - TOILET AND BATH ACCESSORY MATRIX &
     - TOILET AND BATH ACCESSORY PRODUCT MANUAL (TECH SHEETS FOR ALL CFRST BRANDS)
   - PLUMBING FIXTURE MATRIX &
     - PLUMBING FIXTURE PRODUCT MANUAL (TECH SHEETS FOR ALL CFRST BRANDS)
   - LIGHT FIXTURE MATRIX &
     - LIGHT FIXTURE PRODUCT MANUAL (TECH SHEETS FOR ALL CFRST BRANDS)
4. INTERIOR DESIGN SPECIFICATION MANUAL

ALL WORK SHALL CONFORM TO THE FOLLOWING
FLORIDA BUILDING CODE 7th EDITION (2020), BUILDING
FLORIDA BUILDING CODE 7th EDITION (2020), FUEL GAS
FLORIDA BUILDING CODE 7th EDITION (2020), MECHANICAL
FLORIDA BUILDING CODE 7th EDITION (2020), PLUMBING
2020 FLORIDA FIRE PREVENTION CODE
2017 NATIONAL ELECTRIC CODE
FLORIDA BUILDING CODE 7th EDITION (2020), ACCESSIBILITY CODE.
FLORIDA BUILDING CODE 7th EDITION (2020), ENERGY CONSERVATION

TO THE BEST OF THE ARCHITECTS OR ENGINEERS KNOWLEDGE, THESE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH 2020 FBC-B SECTION 110.8 AND FLORIDA STATUTE 633. (FBC 110.8.4.4.)

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

ALL DRAWINGS, SPECIFICATIONS, PLANS, IDEAS, ARRANGEMENTS AND DESIGNS REPRESENTED OR REFERRED TO ARE THE PROPERTY OF JCER DESIGN CONSULTANTS WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE CREATED, EVOLVED, DEVELOPED AND PRODUCED SOLELY FOR USE ON AND IN CONNECTION WITH THIS PROJECT AND MAY NOT BE DISCLOSED OR GIVEN TO OR USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY USE OR PURPOSE WHATSOEVER, EXCEPT UPON WRITTEN PERMISSION AND DIRECTION OF N. P. GEISLER, ARCHITECT

OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

COVER SHEET

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-001

PAGE NUMBER 01

FLORIDA REG.: AR0007005

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BUILDING CODE SUMMARY

A. PROJECT INFORMATION-

NAME OF PROJECT: MARRIOTT COURTYARD

ADDRESS: 3004 W US 90, LAKE CITY, FL ZIP CODE 32055

PROPOSED USE: HOTEL

OWNER/AUTHORIZED AGENT: MORPHEUS GROUP PHONE #: (321) 537-6382 E-MAIL drpatel@primarycaremedic.com

PERMITTED BY: ☐ CITY/COUNTY ☒ PRIVATE ☐ STATE

CODE ENFORCEMENT JURISDICTION: ☐ CITY ☒ COUNTY ☐ STATE

B. PROJECT SUMMARY-

SCOPE OF WORK: (IF PHASED CONSTRUCTION, PLEASE SEE PLAN SUBMITTAL GUIDELINES FOR SUBMITTAL REQUIREMENTS)

THE PROJECT CONSISTS OF A NEW FOUR STORY HOTEL WITH OUTDOOR POOL.

C. DESIGN PROFESSIONAL INFORMATION-

LEAD DESIGN PROFESSIONAL:	ROB RABITS			
DESIGNER	FIRM	NAME	LICENSE # PHONE # W/ EXT.	E-MAIL
ARCHITECTURAL	N. P. GEISLER, ARCHITECT	NICHOLAS GEISLER	AR0007005 (386) 365 - 4355	NPGEISLER47@GMAIL.COM
CIVIL/ LANDSCAPE	GMUER ENGINEERING	CHRIS GMUER	(352) 593 - 3134	INFO@GMUERENG.COM
ELECTRICAL	MEP GREEN DESIGN		(281) 786 - 1195	CONTACT@MEPGREENDESIGNS.COM
FIRE ALARM				
PLUMBING	MEP GREEN DESIGN		(281) 786 - 1195	CONTACT@MEPGREENDESIGNS.COM
MECHANICAL	MEP GREEN DESIGN		(281) 786 - 1195	CONTACT@MEPGREENDESIGNS.COM
SPRINKLER-STANDPIPE				
STRUCTURAL	ASE ENGINEERING SERVICES		(407) 677 - 5565	ASE@ASEICORP.COM

D. TYPE OF WORK IS BEING PERFORMED-

☒ NEW CONSTRUCTION: (A PROJECT FROM THE SITE WORK THROUGH THE COMPLETION OF WORK REQUIRED FOR TENANT OCCUPANCY) THIS INCLUDES SHELL BUILDINGS.

☐ \pt1.26563,2.03906;ADDITION: (AN EXISTING BUILDING THAT IS ADDING HEATED OR UNHEATED SPACE. THIS COULD BE AN ADDITION TO THE FOOTPRINT OR A VERTICAL EXPANSION)

☐ \pt1.26563,2.03906;UPFIT: (UPFIT - THE FIRST TIME INTERIOR COMPLETION OF A VIRGIN (NEVER OCCUPIED) SHELL SPACE IN A NEWLY CONSTRUCTED BUILDING.)

☐ \pt1.26563,2.03906;ALTERATION: (PREVIOUSLY OCCUPIED SPACE) THIS INCLUDES CHANGE OF USE.

E. CODE INFORMATION-

BUILDING CODE: ☒ 2020 FLORIDA BUILDING CODE 7TH EDITION BUILDING (FBCB)
2020 FLORIDA BUILDING CODE 7TH EDITION ENERGY CONSERVATION (FECC)
2020 FLORIDA BUILDING CODE 7TH EDITION MECHANICAL (FBCM)
2020 FLORIDA BUILDING CODE 7TH EDITION FUEL GAS (FBCFG)
2020 FLORIDA BUILDING CODE 7TH EDITION PLUMBING (FBCP)
2020 FLORIDA BUILDING CODE 7TH EDITION ACCESSIBILITY (FBCA)
2017 NFPA 70;NATIONAL ELECTRICAL CODE (NEC)

NEW BUILDING: ☒ NEW BUILDING ☐ SHELL BUILDING ☐ FIRST TIME INTERIOR COMPLETION (UPFIT) ☐ ADDITION

G. BASIC BUILDING DATA-

CONSTRUCTION TYPE: (T601) CHECK ALL THAT APPLY. ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☒ V-B

MIXED CONSTRUCTION: ☒ NO ☐ YES TYPES: ____

SPRINKLERS: (903) ☐ NO ☐ PARTIAL ☒ YES ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: (905) ☐ NO ☒ YES CLASS: ☒ I ☐ II ☐ III ☐ WET ☐ DRY NFPA 14

FIRE DISTRICT: ☒ NO ☐ YES (PRIMARY) (APPENDIX D) *PER 905.3.1, EXCEPTION #1.

FLOOD HAZARD AREA: (APPENDIX G) ☒ NO ☐ YES

BUILDING HEIGHT: (FEET) 48 (TABLE 503) NUMBER OF STORIES 4 HIGH RISE: ☒ NO ☐ YES

BUILDING AREA: (inside face of exterior walls)

FLOOR	Existing (sq. ft.)	Upfit (sq. ft.)	New (sq. ft.)	Sub-Total (sq. ft.)
Occupied Roof	-	-	-	-
10 th Floor	-	-	-	-
9 th Floor	-	-	-	-
8 th Floor	-	-	-	-
7 th Floor	-	-	-	-
6 th Floor	-	-	12,505	12,505
5 th Floor	-	-	12,505	12,505
4 th Floor	-	-	12,505	12,505
3 rd, Floor	-	-	12,505	12,505
2 nd, Floor	-	-	12,505	12,505
Mezzanine	-	-	-	-
1st Floor	-	-	14,794	14,794
Basement	-	-	-	-
TOTAL	-	-	-	72,246

H. ALLOWABLE AREA/ OCCUPANCY CLASSIFICATION -

(Required information for all projects)

PRIMARY OCCUPANCY: (CHP, 3)

ASSEMBLY: (303) ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS: (304) ☐ B
EDUCATIONAL.: (305) ☐ E
FACTORY: (306) ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS: (307) ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL: (308) ☐ I-4 ☐ I-2 ☐ I-3 ☐ I-4 DAY CARE
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE: (309) ☐ M
RESIDENTIAL: (310) ☒ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE: (311) ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH PILED ☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY & MISC.: (312) ☐ U

OTHER OCCUPANCIES:

ASSEMBLY: (303) ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS: (304) ☒ B
EDUCATIONAL.: (305) ☐ E
FACTORY: (306) ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS: (307) ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL: (308) ☐ I-4 ☐ I-2 ☐ I-3 ☐ I-4 DAY CARE
I-3 USE CONDITION: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE: (309) ☒ M
RESIDENTIAL: (310) ☐ R-2 ☐ R-3 ☐ R-4
STORAGE: (311) ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH PILED ☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY & MISC.: (312) ☐ U

ACCESSORY OCCUPANCIES (≤10%): (508) IF APPLICABLE N/A

INCIDENTAL USES SEPARATION (TS08.2.5) IF APPLICABLE- AREAS WITH ADDITIONAL REQUIREMENTS

☐ FURNACE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
☐ REFRIGERANT MACHINE ROOM
☐ HYDROGEN CUTOFF ROOMS, NOT CLASSIFIED AS GROUP H
☐ INCINERATOR ROOMS
☐ PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
☐ LABORATORIES AND VOCATIONAL SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN A GROUP E OR I-2 OCCUPANCY
☒ LAUNDRY ROOMS OVER 100 SQUARE FEET
☐ GROUP I-3 CELLS EQUIPPED WITH PADDED SURFACES
☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS
☐ WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET
☐ STATIONARY STORAGE BATTERY SYSTEMS HAVING A LIQUID ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS, OR A LITHIUM-ION CAPACITY OF 1,000 POUNDS USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES
☐ ROOMS CONTAINING FIRE PUMPS
☐ ROOMS CONTAINING LIFE-SAFETY GENERATOR
☐ ROOMS CONTAINING PRIMARY TRANSFORMERS
☐ GROUP I-2 STORAGE ROOMS OVER 100 SQUARE FEET
☐ GROUP I-2 COMMERCIAL KITCHENS
☐ GROUP I-2 LAUNDRIES EQUAL TO OR LESS THAN 100 SQUARE FEET
☐ GROUP I-2 ROOMS OR SPACES THAT CONTAIN FUEL-FIRED HEATING EQUIPMENT

SPECIAL USES: IF APPLICABLE ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427

SPECIAL PROVISIONS: IF APPLICABLE ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9

MIXED OCCUPANCY/ USE: (506.5) IF APPLICABLE ☐ NO ☒ YES SEPARATION: 0" HR. EXCEPTION:

* BUILDING IS NON-SEP. MIXED USE.

INCIDENTAL USES SEPARATION (508.2.5)
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED MIXED USE (SEE EXCEPTIONS).

☒ NONSEPARATED MIXED OCCUPANCY (508.3)
THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐ SEPARATED MIXED OCCUPANCY (508.4)- SEE BELOW FOR AREA CALCULATIONS. FOR EACH STORY, THE AREA OF THE OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1. (508.4.2) IF APPLICABLE TO THIS PROJECT PLEASE PROVIDE A KEY PLAN WITH ALL OCCUPANCIES IDENTIFIED WITH SQUARE FOOTAGE.

ACTUAL AREA OF OCCUPANCY A / ALLOWABLE AREA OF OCCUPANCY A * ACTUAL AREA OF OCCUPANCY B / ALLOWABLE AREA OF OCCUPANCY B * ... ≤ 1.00

ALLOWABLE AREA

STORY NO.	DESCRIPTION & USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 503 [3] AREA	(C) AREA FOR FRONTAGE INCREASE [1]	(D) AREA FOR SPRINKLER INCREASE [2]	(E) ALLOWABLE AREA OR UNLIMITED [3]	(F) MAXIMUM BUILDING AREA [4]
1ST	R-1	5,731	UNLIMITED	NOT USED	NOT USED	UNLIMITED	
	S-1*	46	48,000	NOT USED	NOT USED	NOT USED	
	B (ACCESSORY OCCUPANCY) -10% OF BLDG. AREA OF THE STORY						
2ND-4TH	R-1	17,148	UNLIMITED	NOT USED	NOT USED	UNLIMITED	

* FOR NON-SEPARATED MIXED OCCUPANCY (508.3.2) THE HIGHLIGHTED ROW INDICATES MOST RESTRICTIVE OCCUPANCY.

[1] FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:

A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = ___(F)
B. TOTAL BUILDING PERIMETER = ____(P)
C. RATIO (F/P) = ____(F/P)
D. W=MINIMUM WIDTH OF PUBLIC WAY = ___(W)
E. PERCENT OF FRONTAGE INCREASE: [= 100 [(F/P) - 0.25] x W/30 = ___%
= 100[(___/___)-0.25] x ___/30 = ____ %

[2] THE SPRINKLER INCREASE PER SECTION 506.3 IS AS FOLLOWS:

A. MULTI-STORY BUILDING I_s = 200 PERCENT
B. SINGLE STORY BUILDING I_s = 300 PERCENT

[3] UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.

[4] MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x E BUT NOT GREATER THAN 3 STORIES x E (506.4).

[5] THE MAXIMUM AREA OF A SINGLE-USE OPEN PARKING GARAGE SHALL BE PERMITTED TO COMPLY WITH 1406.3.5. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH T412.1.2.

I. ALLOWABLE HEIGHT - (Required for Additions, New Construction)

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS 506.3	SHOWN ON PLANS	CODE REFERENCE
TYPE OF CONSTRUCTION	TYPE 1B		1B	
BUILDING HEIGHT (FT)	74 FEET	FEET= H+20'= NA	58'-0"	
BUILDING HEIGHT (STORIES)	6 STORIES	STORIES + 1 = NA	STORIES 6	

J. FIRE PROTECTION REQUIREMENTS (CHAPTER 7) -

LIFE SAFETY PLAN SHEET #, IF PROVIDED A002 CHECK PLAN SUBMITTAL GUIDELINES IF A LIFE SAFETY PLAN IS REQUIRED FOR PROJECT.

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ ____ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY		
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		2	2	A003 A008 A009	X794 or X633 & U905		
BEARING WALLS (SEE SECTION K (601-602) IF RATED)							
EXTERIOR (T601)							
NORTH	>30'	0	0				
EAST	10'<X<30'	1	1	A003	UL#: U905		
WEST	\pt1.07138;>30'	0	0				
SOUTH	\pt1.07138;>30'	0	0				
INTERIOR		2	2	A003	UL#: U423 UL#: U905		
NONBEARING WALLS & PARTITIONS (SEE SECTION K (601-602) IF RATED)							
EXTERIOR (T602)							
NORTH		NA	NA				
EAST		NA	NA				
WEST		NA	NA				
SOUTH		NA	NA				
INTERIOR WALLS AND PARTITIONS		0	0				
FLOOR CONSTRUCTION** (INCLUDING SUPPORTING BEAMS AND JOISTS)		2	2	A003	UL#: J905		
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		1 2 2	1 2 2	A008 A008 A003	UL#: P521 UL#: P521 (STAIR ONLY) UL#: J905 (ELEVATOR/LINEN CHUTE/STAIR)		
SHAFT ENCLOSURES- EXIT 708.4		2	2	A003	UL#: U905		
SHAFT ENCLOSURES- OTHER 708.4		2	2	A004	UL#: U415		
CORRIDOR SEPARATION T1018.1		0.5***	1***	A003	UL#: U423		
OCCUPANCY SEPARATION T508.4		0****	0****				
PARTY/ FIRE WALL SEPARATION T706.4		N/A	N/A				
SMOKE BARRIER SEPARATION 710		N/A	N/A				
GUESTROOM SEPARATION 420.2		1 2	1 2	A005 A003	UL#: U465 UL#: U905		
INCIDENTAL USE SEPARATION T508.2.5		1	1	A006/7	UL#: U419		

* INDICATE SECTION NUMBER PERMITTING REDUCTION
**INDICATE IF USING T601 NOTE b EXCEPTION.
*** REQUIRED FOR R-1 FLOORS ONLY
**** BUILDING IS NON-SEPARATED MIXED USE

K. PERCENTAGE OF WALL OPENINGS CALCULATIONS

(FOR ADDITIONS, NEW CONSTRUCTION AND CHANGE OF USE)
ALLOWABLE OPENINGS PER T705.8

FIRE SEPARATION DISTANCE (FEET)-FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (T705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
WEST SIDE >30'	UP, S	NO LIMIT	NOT REQUIRED
NORTH SIDE >30'	UP, S	NO LIMIT	NOT REQUIRED
EAST SIDE >30'	UP, S	NO LIMIT	NOT REQUIRED
SOUTH SIDE >30'	UP, S	NO LIMIT	NOT REQUIRED

*THE BUILDING TRANSITIONS TO AN SQUARE SHAPE PLAN ABOVE THE FIRST FLOOR WITH AN COVERED INTERIOR SPACE THAT SPANS FROM THE 3RD AND 4TH FLOORS THROUGH TO THE ROOF.

L. WALL LEGENDS -

CHECK IF THE FOLLOWING ARE PRESENT ON THE PLANS:

☐ FIRE WALLS 706 ☒ FIRE BARRIERS 707 ☒ SHAFT ENCLOSURE 708 ☒ FIRE PARTITIONS 709 ☒ SMOKE BARRIERS 710
☐ SMOKE PARTITIONS 711 ☐ NO RATED WALLS ARE PRESENT

M. LIFE SAFETY SYSTEM REQUIREMENTS -

EMERGENCY LIGHTING (1006): ☐ NO ☒ YES
EXIT SIGNS (1011): ☐ NO ☒ YES
FIRE ALARM (907, NFPA 72-07): ☐ NO ☒ YES
SMOKE DETECTION SYSTEM (907): ☐ NO ☒ YES ☐ PARTIAL
PANIC HARDWARE (1008.1.10): ☐ NO ☒ YES
LIFE SAFETY SYSTEM GENERATOR (2702.2): ☒ NO ☐ YES
FIRE EXTINGUISHERS: ☐ NO ☒ YES

N. NOT USED

O. EXIT REQUIREMENTS -

NUMBER AND ARRANGEMENT OF EXITS (T1021.1)

FLOOR, ROOM, OR SPACE DESIGNATION REFER TO SHEET A002 FOR SPACES REQUIRING TWO EXITS	MINIMUM [2] NUMBER OF EXITS REQ'D T1021.1 (SINGLE EXIT T1021.2)	MINIMUM [2] NUMBER OF EXITS SHOWN ON PLANS	TRAVEL DISTANCE COMMON PATH ALLOW.	TRAVEL DISTANCE COMMON PATH ACTUAL	TRAVEL DISTANCE ALLOW. T1016.1	TRAVEL DISTANCE ACTUAL	ARRANGEMENT MEANS OF EGRESS [1,3] (SECTION 1015.2) REQUIRED DISTANCE BETWEEN EXIT DOORS	ARRANGEMENT MEANS OF EGRESS [1,3] (SECTION 1015.2) ACTUAL DISTANCE SHOWN ON PLANS
1ST FLOOR	2	4	75'	73'-0"	250'	73'-0"	58'-3"	116'-6"
2ND THRU 5TH FLOOR	2	2	-	-	250'	91'-8"	93'-3"	186'-5"

[1] CORRIDOR DEAD ENDS (SECTION 1018.4)
[2] BUILDINGS WITH SINGLE EXITS (TABLE 1021.2), SPACES WITH ONE MEANS OF EGRESS (TABLE 1015.1)
[3] COMMON PATH OF TRAVEL (SECTION 1014.3)

EXIT WIDTH

OCCUPANT LOAD AND EXIT WIDTH (1004.1.1)

USE GROUP OR SPACE DESCRIPTION [7]	(A) AREA [1] SQ.FT.	(B) AREA [1] PER OCCUPANT (TABLE 1004.1.1)	(1004.1.1) CALCULATED OCCUPANT LOAD (A/B)	(C) EXIT WIDTH (IN) [2,3,4,5,6] EGRESS WIDTH PER OCCUPANT (SECTION 1005.1)	REQUIRED WIDTH (SECTION 1005.1) (A/B) x C	ACTUAL WIDTH SHOWN ON PLANS
				STAIR	STAIR	STAIR
1ST FLOOR	5,359	200gs	27	-	-	-
2ND-6TH FLOORS	51,444	200gs	257	0.2	51.4	72
TOTAL OCCUPANCY FOR BUILDING:			284			

[1] SEE TABLE 1004.1.1 TO DETERMINE WHETHER NET OR GROSS AREA IS APPLICABLE. SEE DEFINITION "AREA, GROSS" AND "AREA, NET" (SECTION 1002)
[2] MINIMUM STAIRWAY WIDTH (SECTION 1009.1); MIN. CORRIDOR WIDTH (SECTION 1018.2); MIN. DOOR WIDTH (SECTION 1008.1.1)
[3] MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1023.2)
[4] SEE SECTION 1004.5 FOR CONVERGING EXITS.
[5] THE LOSS OF ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50 PERCENT OF THE TOTAL REQUIRED (SECTION 1005.1)
[6] ASSEMBLY OCCUPANCIES (SECTION 1028)
[7] SPACES WITHIN OCCUPANCIES OR USE GROUPS SHALL BE CALCULATED INDEPENDENTLY. EX.: LOBBIES, LOUNGES, BREAK ROOMS, CONFERENCE ROOMS.

P. INTERIOR FINISHES (Chapter 8)

CHART FOR WALLS AND CEILINGS

GROUP (T803.9)	SPRINKLERED: EXIT ENCLOSURES & EXIT PASSAGEWAYS	SPRINKLERED: EXIT ACCESS CORRIDORS & OTHER EXITWAYS	SPRINKLERED: ROOMS & ENCLOSED SPACES	UN-SPRINKLERED: EXIT ENCLOSURES & EXIT PASSAGEWAYS	UN-SPRINKLERED: EXIT ACCESS CORRIDORS & OTHER EXITWAYS	UN-SPRINKLERED: ROOMS & ENCLOSED SPACES
(A3) ASSEMBLY	A [B] C N/A	A [B] C N/A	A B [C] N/A	A B C N/A	A B C N/A	A B C N/A

CLASS A: FLAME SPREAD 0-25; SMOKE DEVELOPED 0-450
CLASS B: FLAME SPREAD 26-75; SMOKE DEVELOPED 0-450
CLASS C: FLAME SPREAD 76-200; SMOKE DEVELOPED 0-450

Q. NOT USED

PLUMBING CALCULATIONS

R.1: PLUMBING FIXTURE REQUIREMENTS (IPC T403.1 & IBC T2902.1)

FOR NEW CONSTRUCTION, ADDITIONS, UPFITS, ALTERATIONS AND CHANGE OF USE OR IF INCREASING OCCUPANT LOAD.
IF USING FIXTURES ONE FLOOR ABOVE OR ONE FLOOR BELOW, SHOW CALCULATIONS TO JUSTIFY THE COUNT (TABLE 2902.1)

OCCUPANCY USE GROUP OR SPACE	WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE								
TOTAL REQ'D	2	2	-	1	1	-	1	1
TOTAL PROVIDED	2*	2	1*	2	2	-	1 HI-LO	
FAMILY TOILET RM.	-			-				

*SUBSTITUTE TOILET WITH URINAL

1ST FLOOR FIXTURE CALCULATIONS (PER FBPC 2015):

27 X 50% (14 MALES AND 14 FEMALES)
USING 2014 FBPC T403.1 A2 RESTAURANTS:
WC: 1 PER 40 MALES= 14/40= .0.35 WC'S
WC: 1 PER 40 FEMALES= 14/40= .0.35 WC'S
LAV: 1 PER 75 MALES= 14/75= .0.19 WC'S
LAV: 1 PER 75 FEMALES= 14/75= .0.19 WC'S
DF: 1 PER 500 PERSONS= 27/500= .0.05 DF'S

REQUIRED FIXTURE TOTALS:
WC: MALES= 1.32 = 1.3 OR 2.0 2 WC'S FOR MEN
WC: FEMALES= 1.73 = 1.8 OR 2.0 2 WC'S FOR WOMEN
LAV: MALES= 0.79 = 0.8 OR 1.0 1 LAV'S FOR MEN
LAV: FEMALES= 0.79 = 0.8 OR 1.0 1 LAV'S FOR WOMEN
DF: 0.43= 0.5 OR 1.0 1 HILO LOCATED IN HALL
SS: 1.00 = 1.0 OR 1.0 1 SS LOCATED IN JAN

PLUMBING CALCULATIONS FOR 2ND -6TH FLOOR

R.4: PLUMBING FIXTURE REQUIREMENTS (IPC T403.1 & IBC T2902.1)

FOR NEW CONSTRUCTION, ADDITIONS, UPFITS, ALTERATIONS AND CHANGE OF USE OR IF INCREASING OCCUPANT LOAD.
IF USING FIXTURES ONE FLOOR ABOVE OR ONE FLOOR BELOW, SHOW CALCULATIONS TO JUSTIFY THE COUNT (TABLE 2902.1)

OCCUPANCY USE GROUP OR SPACE	WATERCLOSETS PER SLEEPING UNIT	LAVATORIES PER SLEEPING UNIT	SHOWERS/ TUBS PER SLEEPING UNIT	SERVICE SINK
SPACE				
TOTAL REQ'D	1	1	1	
TOTAL PROVIDED	1	1	1	

S. ENERGY SUMMARY* (NEW CONSTRUCTION, ADDITIONS, UPFITS, AND CHANGE OF USE)

NICHOLAS PAUL GEISLER
ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

ALL DRAWINGS, SPECIFICATIONS, PLANS, IDEAS, ARRANGEMENTS AND DESIGNS REPRESENTED OR REFERRED TO ARE THE PROPERTY OF JCER DESIGN CONSULTANTS WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE CREATED, EVOLVED, DEVELOPED AND PRODUCED SOLELY FOR USE ON AND IN CONNECTION WITH THIS PROJECT AND MAY NOT BE DISCLOSED OR GIVEN TO OR USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY USE OR PURPOSE WHATSOEVER, EXCEPT UPON WRITTEN PERMISSION AND DIRECTION OF N. P. GEISLER, ARCHITECT

OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

BUILDING CODE SUMMARY

PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-002

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DRAWING INDEX

	Sheet Number	ALT. or OPT.	Sheet Issue Date	Latest Revision Date	Sheet Name	CAD File Name
INFO	000-GENERAL INFORMATION					
	001		10/01/21		COVER SHEET	00-G6-001-C-Cover Sheet
	002		10/01/21		CODE SUMMARY	00-G6-002-C-Code Summary
	003		10/01/21		DRAWING INDEX	00-G6-003-C-Drawing Index
	004		10/01/21		GENERAL NOTES AND LEGENDS	00-G6-004-C-Gen'l Notes_Legends
	005		10/01/21		UL	00-G6-005-C-UL
	006		10/01/21		UL	00-G6-006-C-UL
	007		10/01/21		UL	00-G6-007-C-UL
	008		10/01/21		UL	00-G6-008-C-UL
	009		10/01/21		UL	00-G6-009-C-UL
	012		10/01/21		ADA NOTES	00-G6-012-C-ADA NOTES
	013		10/01/21		1ST FLOOR AREA PLAN	00-G6-004-C-Area Pln- 1st Flr
	014		10/01/21		2ND FLOOR AREA PLAN	00-G6-004-C-Area Pln-2nd Flr
	015		10/01/21		3RD - 5TH FLOOR AREA PLAN	00-G6-004-C-Area Pln-3rd-5th Flor
	021		10/01/21		LIFE SAFETY PLAN	00-G6-021-C-Life Safety Plan
	022		10/01/21		LIFE SAFETY PLAN	00-G6-022-C-Life Safety Plan
SITE & LANDSCAPE	100-SITE & LANDSCAPE					
	100		10/01/21		SITE PLAN	00-G6-100-C-Site Pln
	110		10/01/21		PORTE COCHERE/ ENTRY LOGGIA/ ENTRY TRELLIS-PLAN & RCP	00-G6-110-C-Porte
	111		10/01/21		PORTE COCHERE/ ENTRY LOGGIA/ ENTRY TRELLIS - SECTIONS	00-G6-111-C-Porte Cochere_Entry Loggia_Entry Trellis
	112		10/01/21		EXTERIOR COURTYARD LOGGIA/ TRELLIS	00-G6-112-C-Courtyard Loggia_Trellis
	113		10/01/21		BUILDING CANOPIES	00-G6-113-C-Building Canopies
	114		10/01/21		EXTERIOR COURTYARD	00-G6-114-C-Exterior Courtyard
	115		10/01/21		FIRE PIT	00-G6-115-C-Fire Pit
	120		10/01/21		PORTE COCHERE SITE DETAILS	00-G6-120-C-Porte Cochere_Site Details
OVERALL BUILDING	200-OVERALL BUILDING					
	200		10/01/21		FIRST FLOOR/ LOBBY LEVEL PLAN	00-G6-200-C-First Flr_Lobby Level Pln
	201		10/01/21		SECOND FLOOR PLAN	00-G6-201-C-Second Flr Plan
	202		10/01/21		THIRD - FIFTH FLOOR PLAN	00-G6-202-C-Third - Fifth Flr Pln
	203		10/01/21		ROOF PLAN	00-G6-203-C-Roof Plan
	205		10/01/21		FIRST FLOOR RCP	00-G6-205-C-I-1st Flr RCP
	206		10/01/21		SECOND FLOOR RCP	00-G6-206-C-2nd Flr RCP
	207		10/01/21		THIRD - FIFTH FLOOR RCP	00-G6-207-C-3rd-5th RCP
	210		10/01/21		EXTERIOR PERSPECTIVES	00-G6-210-C-Exterior Perspectives
	211		10/01/21		EXTERIOR ELEVATIONS	00-G6-212-C-Exterior Elevs
	212		10/01/21		EXTERIOR ELEVATIONS	00-G6-212-C-Exterior Elevs
	213		10/01/21		BUILDING SECTIONS	00-G6-213-C-Building Sections
	220		10/01/21		EXTERIOR WALL PROFILES	00-G6-220-C-Exterior Wall Profiles
	221		10/01/21		EXTERIOR WALL PROFILES	00-G6-221-C-Exterior Wall Profiles
	222		10/01/21		PARTITION TYPES	00-G6-222-C-Partition Types
SCHEDS	230-SCHEDULES					
	230		10/01/21		DOOR SCHEDULE AND DETAILS	00-G6-230-C-Door Sched_Dtls
	231		10/01/21		WINDOW SCHEDULE AND DETAILS	00-G6-231-C-Window Sched_Dtls
	240		10/01/21		STC DIAGRAM	00-G6-240-C-STC Diagram
	241		10/01/21		STC DIAGRAM	00-G6-241-C-STC Diagram
	242		10/01/21		STC DIAGRAM	00-G6-242-C-STC Diagram
LOBBY AREAS - BUSINESS LIBRARY	300-LOBBY AREAS					
	300		10/01/21		LOBBY AREAS - PLAN	00-G6-300-C-Lobby Level Pln
	301		10/01/21		LOBBY AREAS - RCP	00-G6-301-C-Lobby Level RCP
	302		10/01/21		LOBBY AREAS - FURNITURE AND FINISH PLAN	00-G6-302-C-Lobby Areas Furn and Finish Pln
	310		10/01/21		LOBBY AREAS - ELEVATIONS	00-G6-310-C-Lobby Areas- Elevations
	320		10/01/21		RECEPTION	00-G6-320-C-Reception
	321		10/01/21		WELCOME PEDESTALS	00-G6-321-C-Welcome Pedestals
	322		10/01/21		MEDIA PODS	00-G6-322-C-Media Pods
	323		10/01/21		GoBOARD AREA	00-G6-323-C-GoBoard Area
	324		10/01/21		QUICK PRINT	00-G6-324-C-Quick Print
	325		10/01/21		COMMUNITY TABLE	00-G6-325-C-Community Table
	326		10/01/21		TV DISPLAY	00-G6-326-C-TV Display
	340		10/01/21		LOBBY AREAS - DETAILS	00-G6-340-C-Lobby Areas Dtls
	341		10/01/21		LOBBY AREAS - CEILING DETAILS	00-G6-341-C-Lobby Areas Ceiling Dtls
	350		10/01/21		PUBLIC RESTROOMS	00-G6-350-C-Public RR
	360		10/01/21		BUSINESS LIBRARY	00-G6-360-C-Business Library

DRAWING INDEX

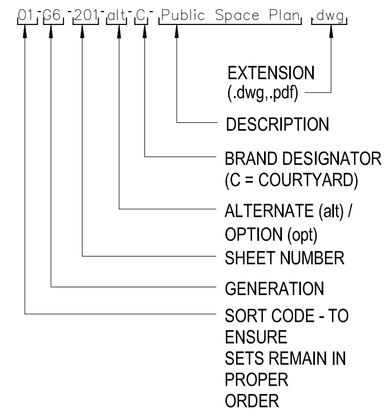
	Sheet Number	ALT. or OPT.	Sheet Issue Date	Latest Revision Date	Sheet Name	CAD File Name
FOOD & BEVERAGE - RECREATION - RETAIL - MEETING SPACES	400-FOOD & BEVERAGE					
	400		10/01/21		BAR/ BISTRO - PLAN & RCP	00-G6-400-C-Bistro Bar_Pln_RCP
	401		10/01/21		BAR/BISTRO - ELEVATIONS	00-G6-401-C-Bistro Bar_Elevs
	402		10/01/21		BAR/ BISTRO - DETAILS	00-G6-402-C-Bistro Bar_Dtls
	403		10/01/21		BAR/ BISTRO - DETAILS	00-G6-403-C-Bistro Bar_Dtls
	404		10/01/21		BAR/ BISTRO EQUIPMENT	00-G6-404-C-Bistro Bar Equip
	410		10/01/21		FOOD PREP	00-G6-410-C-Food Prep
	411		10/01/21		FOOD PREP EQUIPMENT	00-G6-411-C-Food Prep Equip
	412		10/01/21		FOOD PREP EQUIPMENT	00-G6-412-C-Food Prep Equip
	420-RECREATION FACILITIES					
	420		10/01/21		FITNESS CENTER	00-G6-420-C-Fitness Center
	421		10/01/21		FITNESS CENTER DETAILS	00-G6-421-C-Fitness Center Dtls
	430	OPT	10/01/21		OUTDOOR POOL OPTION	00-G6-430-opt-C-Outdoor Pool
	440-RETAIL					
	440		10/01/21		THE MARKET	00-G6-440-C-The Market
	441		10/01/21		THE MARKET - DETAILS	00-G6-441-C-The Market
	442		10/01/21		THE MARKET EQUIPMENT	00-G6-442-C-The Market Equip
	450-MEETING SPACES					
	450		10/01/21		MEETING ROOM	00-G6-450-C-Meeting Room
GUESTROOM CORRIDORS & SUPPORT	500-GUESTROOM CORRIDORS & SUPPORT					
	500		10/01/21		GUESTROOM CORRIDOR/ GUESTROOM SUPPORT	00-G6-500-C-GR Corridor_GR Support
	501		10/01/21		ELEVATOR LOBBY	00-G6-501-C-Elevator Lobby
	502		10/01/21		GUEST LAUNDRY/ ICE DISPENSER AREA & EQUIPMENT	00-G6-502-C-Guest Laundry_Ice Dispenser Area
	511		10/01/21		TYPICAL STAIR DETAILS	00-G6-511-C-Typical Stair Dtls
	512		10/01/21		ELEVATOR SHAFT SECTION	00-G6-512-C-Elevator Shaft Section
GUESTROOMS	520-GUESTROOMS					
	520		10/01/21		STANDARD KING GUESTROOM	00-G6-520-C-Standard King GR
	521		10/01/21		KING MOD GUESTROOM	00-G6-521-C-King Mod GR
	522		10/01/21		ACCESSIBLE KING GUESTROOM	00-G6-522-C-King Suite GR
	523		10/01/21		KING SUITE GUESTROOM	00-G6-523-C-King Suite GR
	531		10/01/21		ACCESSIBLE QUEEN/QUEEN GUESTROOM	00-G6-531-C-Acc QQ GR
	550		10/01/21		GUESTROOM DETAILS	00-G6-550-C-GR Dtls
	551		10/01/21		GUESTROOM CLOSET DETAILS	00-G6-551-C-GR Closet Dtls
	560		10/01/21		STANDARD ROOM & SUITE BATHROOM LAYOUT (SHOWER)	00-G6-560-C-Std Room_Suite Bathroom Layout_Shower
	561		10/01/21		STANDARD ROOM & SUITE BATHROOM LAYOUT (TUB)	00-G6-561-C-Std Room_Suite Bathroom Layout_Tub
	562		10/01/21		ACCESSIBLE ROOM BATHROOM LAYOUT (ROLL-IN SHOWER)	00-G6-562-C-Acc Room Bathroom_Roll_in_Shower
	563		10/01/21		ACCESSIBLE ROOM & SUITE BATHROOM LAYOUT (TUB)	00-G6-563-C-Acc Room_Suite Bathroom Layout_Tub
B.O.H.	600-EMPLOYEE AREAS					
	600		10/01/21		EMPLOYEE BREAK ROOM	00-G6-600-C-Employee Break Room
	610		10/01/21		ADMINISTRATION AREA	00-G6-610-C-Administration Area
	620		10/01/21		BOH LAUNDRY & EQUIPMENT	00-G6-620-C-BOH Laundry
	621		10/01/21		BOH LAUNDRY RCP	00-G6-620-C-BOH Laundry RCP

THE SHEET NUMBERING ORDERS THE SET INTO SECTIONS BASED ON DRAWING TYPE.

THE FOLLOWING IS AN OUTLINE OF THE GENERAL NUMBERING CRITERIA:

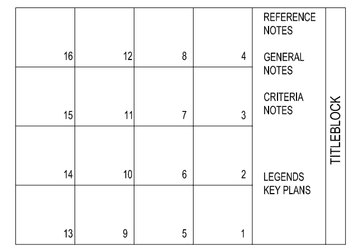
000 - GENERAL NFORMATION
100 - SITE & LANDSCAPE
200 - OVERALL BUILDING PLANS, BUILDING EXTERIOR, AND SCHEDULES
300 - PUBLIC SPACES (LOBBY AREAS, BUSINESS LIBRARY)
400 - PUBLIC SPACES (FOOD & BEVERAGE, RECREATION, RETAIL, MEETING SPACES)
500 - GUESTROOMS, GUESTROOM CORRIDORS
600 - EMPLOYEE AREAS, ADMINISTRATION, BOH & SUPPORT LAUNDRY
700 - CRITERIA PLANS

FILE NAMING



SHEET SET-UP

EACH DRAWING SHEET IS BASED UPON A 16 GRID SYSTEM, STARTING WITH 1 IN THE BOTTOM RIGHT HAND CORNER AND GOING UP THE SHEET.
EXAMPLE MOCK UP BELOW:



NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4335

ALL DRAWINGS, SPECIFICATIONS, PLANS, IDEAS, ARRANGEMENTS AND DESIGNS REPRESENTED OR REFERRED TO ARE THE PROPERTY OF JCER DESIGN CONSULTANTS WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE CREATED, EVOLVED, DEVELOPED AND PRODUCED SOLELY FOR USE ON AND IN CONNECTION WITH THIS PROJECT AND MAY NOT BE DISCLOSED OR GIVEN TO OR USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY USE OR PURPOSE WHATSOEVER, EXCEPT UPON WRITTEN PERMISSION AND DIRECTION OF N. P. GEISLER, ARCHITECT

OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

DRAWING INDEX AND GENERAL INFORMATION

PROJECT NAME

COURTYARD INN,©
Lake City, Florida

SEAL+SIGNATURE

Digitally signed by: Nicholas P. Geisler
DN: C=US, E=npgeisler47@gmail.com, O=Nicholas P. Geisler, CN=Nicholas P. Geisler
Date: 2021.12.23 13:55:58 -05'00'

Nicholas P. Geisler

FLORIDA REG.: AR0007005

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-003

PAGE NUMBER 03

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MECHANICAL ABBREVIATIONS

PTAC	THROUGH THE WALL UNIT PACKAGE TERMINAL AIR CONDITIONER WITH HEAT
VTAC	THROUGH THE WALL UNIT VERTICAL TERMINAL AIR CONDITIONER WITH HEAT
EF	EXHAUST FAN
EWH	RECESSED MOUNTED ELECTRIC WALL HEATER
AHU-1	POOL ROOM ENVIRONMENTAL CONTROL UNIT. UNIT TO PROVIDE HEATING, COOLING, DEHUMIDIFICATION AND POOL WATER HEATING. UNIT SHALL BE MANUFACTURED SPECIFICALLY FOR THIS PURPOSE. SUPPLY WITH MATCHING ACCU.
UH	UNIT HEATER
SCU	SELF-CONTAINED HVAC UNIT

MECHANICAL LEGEND

- SUPPLY AIR GRILLE OR REGISTER
- RETURN AIR GRILLE OR REGISTER
- EXHAUST FAN
- EXHAUST FAN / LIGHT COMBO
- THERMOSTAT
- LINEAR DIFFUSER

PLUMBING ABBREVIATIONS

CO	CLEAN OUT
RD	ROOF DRAIN
FD	FLOOR DRAIN
HD	HUB DRAIN
FS	FLOOR SINK
MOP	MOP SINK
EYE	EYE WASH
HYD	WALL HYDRANT
FWH	FREEZELESS WALL HYDRANT
VTR	VENT THROUGH ROOF
V	VENT
ST	STORM
LIT	LINT INTERCEPTOR
SNK	SINK

PLUMBING LEGEND

- WALL HYDRANT
- FLOOR DRAIN
- FLOOR SINK
- EYE WASH

ELECTRICAL LEGEND - LIGHTING

- 2' x 2' RECESSED LIGHTING FIXTURE
- 2' x 2' RECESSED DIRECT/ INDIRECT LIGHTING FIXTURE
- 2' x 4' RECESSED LIGHTING FIXTURE
- 1' x 4' RECESSED LIGHTING FIXTURE
- LINEAR LIGHTING FIXTURE - SEE PLAN FOR CONFIGURATION & SIZE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED LIGHTING FIXTURE - SQUARE
- RECESSED LIGHTING FIXTURE - ROUND
- PENDANT LIGHT - SEE PLANS FOR CONFIGURATION & SIZE
- TRACK W/ ADJUSTABLE TRACK HEADS
- LED COVE LIGHTING STRIP FIXTURE
- SPEAKER

ELECTRICAL LEGEND - POWER

- RACEWAY AND WIRING, CONCEALED IN WALL OR ABOVE CEILING EXCEPT IN UNFINISHED AREA.
- JUNCTION, PULL OR TAP BOX, CEILING, WALL OR FLOOR MOUNTED
- CIRCUIT BREAKER PANELBOARD SURFACE MOUNTED, 600 V. MAX.
- NON-FUSED DISCONNECT SWITCH, SIZE AND NUMBER OF POLES AS NOTED.
- MOTOR CONNECTION
- KEYED SWITCH
- MASTER SWITCH
- LOCAL LIGHTING SWITCH - SUBSCRIPT DENOTES ITEM CONTROLLED
- LOCAL LIGHTING SWITCH, 3-WAY
- DIMMER SWITCH WITH UNITIZED COVER
- TIMER SWITCH
- DATA
- DATA / TELEPHONE OUTLET, FLUSH WALL MOUNTED.
- TELEPHONE OUTLET, FLUSH WALL MOUNTED.
- HP — HOUSE TELEPHONE OUTLET, FLUSH WALL MOUNTED.
- TV — TV OUTLET, FLUSH MOUNTED.
- GFI — GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE, 20A, 125V, 3W., NEMA 5-20R.
- DUPLEX RECEPTACLE, 20A 125V.,3W., WALL MOUNTED NEMA 5-20R.
- DOUBLE DUPLEX RECEPTACLE, 20A. 125V. 3W., WALL MOUNTED NEMA 5-20R.
- SPECIAL SINGLE RECEPTACLE
- IG — ISOLATED GROUND DUPLEX RECEPTACLE, 20A,125V, 3W, WALL MOUNTED, ORANGE IN COLOR.
- TS — TAMPER SWITCH
- FLUSH FLOOR RECEPTACLE 20A, 125V, 3W - PROVIDE COVER FOR FLOOR TYPE.
- RECEPTACLE - 250V - 2 POLE FOR PTAC UNITS IN GUEST ROOMS.
- 20A — SPECIAL OUTLET 1~208V-20A
- 30A — SPECIAL OUTLET 1~208V-30A
- M — MAGNETIC HOLD-OPEN DEVICE ACTIVATED BY FIRE ALARM SYSTEM.
- J — CLOCK OUTLET
- CEILING MOUNTED SOUND SYSTEM SPEAKER
- DDS — DOOR SIGNAL DISCONNECT SWITCH MTD
- J T — 2-GANG BOX WITH TRANSFORMER FOR DOOR SIGNAL
- PB J — PUSH BUTTON FOR DOOR SIGNAL
- CR — CARD READER
- I — INTERCOM
- T — THERMOSTAT
- R — DOOR RELEASE
- A — DURESS ALARM BUTTON
- SECURITY CAMERA
- WAP — WIRELESS ACCESS POINT

DRAFTING LEGEND

ELEVATION REFERENCES

- 3 / 6 / 420 / 4 / 5 — ELEV. NO. / SHEET NO. — INTERIOR ELEVATION REFERENCE
- 2 / 302 — DETAIL NO. / SHEET NO. — EXTERIOR ELEVATION REFERENCE

DETAIL REFERENCES

- 3 / 350 — DETAIL NO. / SHEET NO. — DETAIL REFERENCE
- DETAIL NO. / 4 / 430 / SHEET NO. — BUILDING SECTION REFERENCE

REVISION NUMBER REFERENCE

- 4 / 4 / 16875 — REVISION NO. / REVISION NUMBER REFERENCE / CHANGE BULLETIN NO.

- 01 — DOOR NUMBER REFERENCE
- 8 — WINDOW TYPE
- 2 — ACOUSTIC PARTITION REFERENCE
- DATUM ELEVATION
- 4 — COLUMN GRID NUMBER
- 3421 — BATHROOM ACCESSORY MARK NO.; SEE TOILET & BATH ACCESSORY MATRIX IN THE DESIGN GUIDE PROJECT MANUAL MASTER SECTION 10800.
- 318 — FINISH TAG; REFER TO THE IFI WITHIN THE DESIGN GUIDE PROJECT MANUAL MASTER.
- X-000 — FURNISHING REFERENCE NO.; REFER TO THE INTERIOR DESIGN SPECIFICATION MANUAL.
- R16 — LIGHT FIXTURE MARK NO. ,TYPICAL. SEE LIGHT FIXTURE MATRIX IN DESIGN GUIDE PROJECT MANUAL MASTER
- SNK-04 — PLUMBING FIXTURE MARK NO. ,TYPICAL. SEE PLUMBING FIXTURE MATRIX IN DESIGN GUIDE PROJECT MANUAL MASTER
- LOBBY — ROOM NAME
- 8'- 8" — CEILING HEIGHT - ABOVE FIN. FLOOR
- MARRIOTT STANDARD DETAIL

CRITERIA NOTE COLOR CODE (for PDFs ONLY):

- A0 — ARCHITECTURAL
- ID0 — INTERIOR DESIGN
- E0 — ENGINEERING
- S0 — STRUCTURAL
- C0 — CIVIL
- L0 — LANDSCAPE
- F0 — FOOD SERVICE / LAUNDRY

HATCH LEGEND

- EARTH
- POROUS FILL (STONE OR GRAVEL, SUB BASE, ETC.)
- STRUCTURAL CONCRETE (CAST IN PLACE, OR PRECAST)
- BRICK (COMMON OR FACE)
- CONCRETE MASONRY UNITS (CMU)
- CUT STONE, CAST STONE
- EXPANDED POLYSTYRENE (EPS); EIFS
- MARBLE
- STEEL
- ALUMINUM
- PLYWOOD
- WOOD FINISH
- WOOD SAWN (CONTINUOUS)
- WOOD SAWN (BLOCKING)
- INSULATION (LOOSE OR BATT)
- RIGID INSULATION
- ACOUSTICAL TILE
- GYPSUM WALL BOARD
- PLASTER, SAND, CEMENT, GROUT
- SYNTHETIC MARBLE

BASIS OF DESIGN

- PROTOTYPE (BASE) DESIGN: 4-STORY, 125 GUESTROOM UNIT, NO POOL
(see alternates & options for additional scope)

- WOOD FRAME STRUCTURE PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM.

- DIMENSIONS BASED ON WOOD FRAME CONSTRUCTION. ALL DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD ALL CLEAR INTERIOR DIMENSIONS.

- IBC 2012

- 2010 ADA REGULATIONS

PURPOSE OF THESE DRAWINGS

-THESE DWGS ARE PREPARED FOR USE BY THE OWNER/FRANCHISEE AND THEIR ARCHITECT/ENGINEERS AS A REPRESENTATION OF THE DESIGN CRITERIA FOR THE DEVELOPMENT OF A "COURTYARD BY MARRIOTT" HOTEL PROJECT. THESE DRAWINGS ARE NOT INTENDED TO BE USED FOR CONSTRUCTION, BUT ONLY AS A GUIDE FOR THE DESIGN PROFESSIONALS AS THEY PREPARE THE CONSTRUCTION DOCUMENTS.

-THE OWNER 'S /FRANCHISEE 'S CONSULTING ARCHITECT, ENGINEERS AND OTHER DESIGN PROFESSIONALS SHALL BE RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL APPLICABLE LAWS, COVENANTS, CODES, ORDINANCES, RULES, REGULATIONS, RESTRICTIONS, ETC. WHICH IMPACT THE DEVELOPMENT AND USE OF THE HOTEL. THE DESIGN PROFESSIONALS SHALL PAY CLOSE ATTENTION TO THE REQUIREMENTS OF THE FEDERAL ACCESSIBILITY LAW, AMERICANS WITH DISABILITIES ACT, AS WELL AS ALL LOCAL AND STATE ACCESSIBLIITY REGULATIONS.

- THE OWNER'S/FRANCHISEE'S CONSULTING ARCHITECT AND ENGINEERS SHALL BE RESPONSIBLE FOR COMPLYING WITH THE MARRIOTT INTERNATIONAL (MI) FIRE PROTECTION AND LIFE SAFETY DESIGN STANDARDS AND SUBMITTALS, AS WELL AS ALL FIRE PROTECTION GOVERNING LAWS, CODES, REGULATIONS. SHOULD MI DESIGN STANDARDS EXCEED OR BE MORE STRINGENT THAN GOVERNING LAWS, CODES AND REGULATIONS, THEN MI DESIGN STANDARDS TAKE PRECEDENCE. IF GOVERNING REQUIREMENTS CONFLICT WITH MI'S DESIGN STANDARD, CONTACT MARRIOTT FIRE AND LIFE SAFETY FOR RESOLUTION.

USE OF THESE DRAWINGS

- THIS DESIGN GUIDELINE DRAWING SET IS STRUCTURED AS A "KIT OF PARTS", OUTLINING ESSENTIAL COMPONENTS OF THE BUILDING. THE DRAWINGS REFLECT THE BASE OR STANDARD BUILDING AND PROVIDE ALTERNATES AND OPTIONS (SEE ALT/OPT MATRIX ON SHT 002) FOR THE OWNER

- TO ADDRESS ADDITIONAL INFORMATION, A NOTATION SYSTEM HAS BEEN INCLUDED WITH THE CRITERIA NOTES COLOR-CODED BY DISCIPLINE (PDFs ONLY). REVIEW OF ALL NOTES (GENERAL, REFERENCE, AND CRITERIA) IS A VITAL PART TO GATHERING COMPLETE INFORMATION FOR ANY PART WITHIN THE "KIT". REFERENCE NOTES DIRECT THE ARCHITECT TO IMPORTANT DOCUMENTS CONTAINING RELATED INFORMATION AND/OR OTHER CRITICAL DOCUMENTS THAT FORM THE OVERALL DESIGN GUIDELINE COMPONENTS.

- THE DESIGN GUIDELINE DRAWING SET IS PROVIDED IN AUTOCAD 2010 FORMAT.

- FIRE PROTECTION SYSTEMS MAY BE PREPARED BY A DESIGN/BUILD SUBCONTRACTOR IF PERMITTED BY THE LOCAL AUTHORITIES HAVING JURISDICTION.

- POOL/SPA SYSTEMS MAY BE PREPARED BY A QUALIFIED DESIGN/BUILD POOL CONTRACTOR.

DESIGN STANDARDS

- THE DESIGN STANDARDS, A PART OF THE DESIGN GUIDELINE COMPONENTS, ADDRESS MARRIOTT REQUIREMENTS FOR THE ENTIRE HOTEL PROJECT. CHAPTERS CONTAINING SPECIFICALLY RELATED INFORMATION ARE REFERENCED ON INDIVIDUAL DRAWING SHEETS, BUT THE PROJECT ARCHITECT IS RESPONSIBLE FOR DESIGNING THE PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

- ENGINEERING REQUIREMENTS ARE DETAILED IN THE DESIGN STANDARDS, MECHANICAL, PLUMBING AND ELECTRICAL CHAPTERS AND ARE NOT REPEATED IN THE DESIGN GUIDELINE DRAWING SET.

SUBMITTALS

- REFER TO DESIGN STANDARDS - GENERAL REQUIREMENTS - FOR PROCESS AND ACCEPTANCES.

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

ALL DRAWINGS, SPECIFICATIONS, PLANS, IDEAS, ARRANGEMENTS AND DESIGNS REPRESENTED OR REFERRED TO ARE THE PROPERTY OF JCER DESIGN CONSULTANTS WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE CREATED, EVOLVED, DEVELOPED AND PRODUCED SOLELY FOR USE ON AND IN CONNECTION WITH THIS PROJECT AND MAY NOT BE DISCLOSED OR GIVEN TO OR USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY USE OR PURPOSE WHATSOEVER, EXCEPT UPON WRITTEN PERMISSION AND DIRECTION OF N. P. GEISLER, ARCHITECT

OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

GENERAL NOTES AND LEGENDS

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-004
	PAGE NUMBER 04
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021

Design No. U423
BXUV.U423
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the General Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

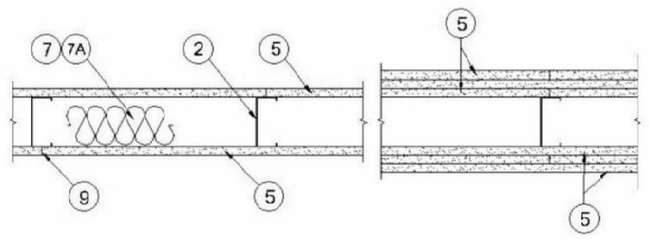
Design No. U423

December 05, 2015

Bearing Wall Ratings — 3/4 Hr, 1, 1-1/2 or 2 Hr (See Items 5 & 7)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.0329 in., bare metal thickness (No. 20 MSG) corrosion-protected steel, that provide a sound structural connection between steel studs and adjacent assemblies such as floors, ceilings and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. OC.

1A. **Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1, for Use With Item 5A and 5C) — Channel shaped runners min 3-1/2 in. deep with 1-1/4 in. flanges fabricated from min No. 20 MSG corrosion-protected steel. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. OC.

2. **Steel Studs —** Min 0.0329 in., bare metal thickness (No. 20 MSG) corrosion-protected steel studs, min 3-1/2 in. wide, cold formed, designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute (AISI). All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing shall not exceed 24 in. OC. Studs attached to floor and ceiling runners with 1/2 in. long Type S-12 steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications.

2A. **Steel Studs —** (As an alternate to Item 2. For use with Item 5A, 5C, 5D, and 5E) — Channel shaped, fabricated from min 20 MSG corrosion-protected galv steel, 3-1/2 in. min width, min 1-1/2 in. flanges and 1/4 in. return, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

3. **Lateral Support Members —** (Not shown) — Where required for lateral support of studs, support shall be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.252 in. at maximum 6 in. OC in the perimeter and 12 in. OC in the field. When used, gypsum panels attached over OSB or plywood panels are fastener lengths for gypsum panels increased by min. 1/2 in.

The maximum loading on the steel studs was evaluated with the steel studs braced at mid-height and not braced by the plywood sheathing.

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered when load is reduced to 90 percent of max stud capacity. When load is at 100 percent, horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr, and 2 hr ratings are as follows:

Wallboard Protection on Each Side of Wall

Rating	No. of Layers & Thkns of Panel	% of Design Load
45 Min	1 layer, 1/2 in. thick	100
1 hr	1 layer, 5/8 in. thick	100
1-1/2 hr	2 layers, 1/2 in. thick	100
2 hr	2 layers, 5/8 in. thick	80
2 hr@	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
2 hr	2 layers, 3/4 in. thick	100

@Rating applicable when Batts and Blankets (Item 7) are used.

CGC INC — 1/2 in. thick Type IP-X2, IPC-AR, C, WRC, or, 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, IP-AR, IP-X2, IPC-AR, ULX, or WRC; 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR, or WRC, 5/8 in. thick Type AR, C, FEX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULX, WRX, or WRC; 3/4 in. thick Types AR, IP-AR or IP-X3, ULTRACODE

USG BORAL 2AWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR, WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR SCX, SHX, ULX, WRX or WRC; 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE

5A. **Gypsum Board* —** (As an alternate to Item 5 when used as the base layer on one or both sides of wall. For direct attachment only, not to be used with Item 4) — Nom 5/8 in. or 1/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12) or Lead Discs or Tabs (see Item 13).

RAY-BAR ENGINEERING CORP — Type RB-L3G

5B. **Gypsum Board* —** (As an alternate to Items 5 and 5A) — Nom 5/8 in. thick gypsum panels with square edges, applied horizontally or vertically. For the 1 hour single layer system when the gypsum board panels are installed horizontally the joints are to be staggered by a minimum of 12 in. on opposite sides of assembly, they are to be secured on each side of the studs with 1-1/4 in. long Type S-12 bugle head steel screws spaced 8 in. OC to the top and bottom tracks and in the field with screws 1 in. and 4 in. from the horizontal joints. When the gypsum board panels are installed vertically all vertical joints must be centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC to the top and bottom tracks and in the field with screws beginning 1 in. and 8 in. from the horizontal joints. Face layer screws offset 8 in. from base layer joints and secured with 1-5/8 in. long Type S-12 bugle head steel screws spaced 16 in. OC to the top and bottom tracks and in the field with screws beginning 1 in. and 8 in. from the horizontal joints. Face layer screws offset 8 in. from base layer screws. When the gypsum board panels are installed vertically all vertical joints must be centered over studs and staggered min 1 stud cavity on opposite sides of studs. Face layer gypsum boards secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 16 in. OC with screws 2 in. and 16 in. from the perimeter. Base layer gypsum boards secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 16 in. OC with screws 1-1/2 in. and 8 in. from the perimeter. Face layer screws offset 8 in. from base layer screws.

CGC INC — Type USGX

UNITED STATES GYPSUM CO — 5/8 in. thick Type USGX (Joint tape and compound, Item 9, optional with Type USGX)

USG MEXICO S A DE C V — Type USGX

5C. **Gypsum Board* —** (As an alternate to Item 5 when used as the base layer on one or both sides of wall. For direct attachment only, not to be used with Item 4) — Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5D. **Gypsum Board* —** (As an alternate to Item 5 when used as the base layer on one or both sides of wall. For direct attachment only, not to be used with Item 4) — Nom 5/8 or 1/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12A) or Lead Discs (see Item 13A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5E. **Gypsum Board* —** (As an alternate to Item 5 when used as the base layer on one or both sides of wall. For direct attachment only, not to be used with Item 4) — Nom 5/8 in. may be used as alternate to all 5/8 shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 1/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5A) and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs are attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type FPP - Lead Lined Drywall

5F. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints between layers need not be staggered. When used in widths other than 48 in., gypsum panels to be installed horizontally. Insulation (Item 7D) required when using Type ULIX for the 1 hour Rating. The thickness and number of layers and percent of design load are as follows:

Wallboard Protection on Each Side of Wall

Rating	No. of Layers & Thkns of Panel	% of Design Load
1 hr	1 layer, 5/8 in. thick	100
2 hr	2 layers, 5/8 in. thick	80
2 hr@	2 layers, 5/8 in. thick	100

@Rating applicable when Batts and Blankets (Item 7) are used.

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. **Fasteners —** (Not Shown) — For use with Item 5 - Type S-12 steel screws used to attach panels to runners (Item 1 or 1A) and studs (Item 2 or 2A) or furring channels (Item 8). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panes, spaced 8 in. OC when panels are applied horizontally, or 12 in. OC when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in. and 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

6A. **Fasteners —** (Not Shown) — For use with Item 5F- Type S or S-12 steel screws used to attach panels to studs or furring channels (Item 8). Single layer systems: 1 in. long screws, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer- 1 in. long screws, spaced 16 in. OC. Second layer- 1-5/8 in. screws, spaced 8 in. OC with screws offset 8 in. from first layer.

7. **Batts and Blankets* —** (Required as indicated under Item 5 and 5F) — Nom 2 in. thick mineral wool batts, friction fitted between studs and runners. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

7A. **Batts and Blankets* —** (Optional, Not Shown) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

7B. **Batts and Blankets* —** (Optional, Not Shown) — Placed in stud cavities, glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

OWENS CORNING — Type QuietZone Acoustic Batts

7C. **Fiber, Sprayed* —** (Optional) — As an alternate to Batts and Blankets (Item 7) — Not for use with Items 8A or 8B) — Spray applied mineral wool insulation. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCA2).

AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool

7D. **Batts and Blankets* —** Placed in stud cavities, any 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

8. **Furring Channels —** (Optional or one or both sides, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 panhead steel screws. Not for use with type FRX-G gypsum panels and Item 5A or 5C.

8A. **Steel Framing Members (Not Shown)* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A or 5C.

b. **Steel Framing Members* —** Used to attach furring channels (Item 8a) to studs (Item 2). Clips spaced max. 48 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types FSIC-1, RSIC-1 (2.75).

8B. **Steel Framing Members* —** (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A or 5C.

b. **Steel Framing Members* —** Used to attach furring channels to studs (Item 2). Clips spaced max. 48 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

9. **Joint Tape and Compound —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide embedded in first layer of compound over all joints of outer layers. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

10. **Siding, Brick or Stucco —** (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

11. **Caulking and Sealants* —** (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

12. **Lead Batten Strips —** (Not Shown, For Use With Item 5A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the exterior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5A) and optional at remaining stud locations. Required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

12A. **Lead Batten Strips —** (Not Shown, for use with Item 5D) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

13. **Lead Discs or Tabs —** (Not Shown, For Use With Item 5A) — Used in lieu of or in addition to the lead batten strips (Item 12) or optional at other locations - Max 3/4 in diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

13A. **Lead Discs —** (Not Shown, for use with Item 5D) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

14. **Lead Batten Strips —** (Not Shown, For Use With Item 5C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5C) and optional at remaining stud locations.

15. **Lead Tabs —** (Not Shown, For Use With Item 5C) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards Item 5C) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

16. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — For use with Item 1, Item 2 or 2C, Item 3, Item 5, Item 6, Item 7A, Item 8 and Item 9. For a maximum fire rating of 1 hour. On one side of the wall, over the first layer of gypsum board (Item 5), install Kerkor membrane with the good side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When ReflexKor membrane is used an additional layer of Gypsum Board identical to the one used in the first layer and as specified in Item 5 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 5 except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 7A. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 8. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 15 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 5 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — ReflexKor membrane, SONOpan panel.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-12-05

3 UL DESIGN- U423
SCALE: NOT TO SCALE

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Design No. J905
BXUV.J905
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the General Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. J905

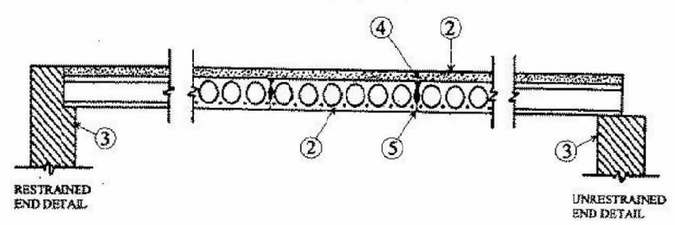
April 12, 1997

Restrained Assembly Ratings — 1-1/2 and 2 Hr.

Unrestrained Assembly Rating — 1 Hr.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Concrete Topping —** 3000 psi compressive strength, 150 + or - 3 pcf unit weight.

Rating Hr	Topping Thkns In.
1	0
1-1/2	0
2	1

2. **Precast Concrete Units* —** Siliceous aggregate, cross-section similar to the above illustration.

See Precast Concrete Units category for names of manufacturers.

3. **Minimum Bearing —** 1-1/2 in.

4. **Grout —** Sand cement grout, 3500 psi. Grout stop used to keep grout from bottom 3-1/8 in. of joint. Weld tie plates instead of or in conjunction with grout.

5. **Clearance —** Between slabs at bottom full length of joint, 1/16 in. min, 1/4 in. max.

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Last Updated on 1997-04-12

2 UL DESIGN- J905
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Fire-resistance Ratings - ANSI/UL 263

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U905

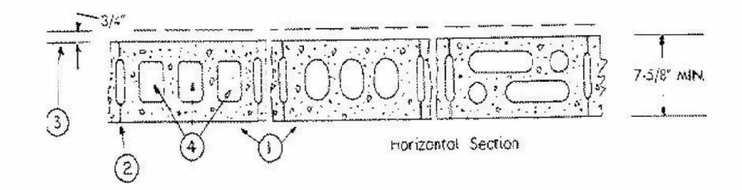
March 11, 2016

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

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1. **Concrete Blocks* —** Various designs. Classification D-2 (2 hr).

See **Concrete Blocks** category for list of eligible manufacturers.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. **Loose Masonry Fill —** If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation" and "EnergyShield Pro 2 Wall Insulation"

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ Sheath

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS — Types Xci-Class A, Xci 286

RMAX OPERATING L L C — "TSX-8500", "TSX-8510", "Thermasheath-XP", "ECOMAXci", "Thermasheath-3", "Durasheath-3"

THE DOW CHEMICAL CO — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP) and TUFF-R™ ci Insulation

5A. **Building Units —** As an alternate to Items 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.

RMAX OPERATING L L C — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI"

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Last Updated on 2016-03-11

1 UL DESIGN- U905
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IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
2. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
3. YOUR BID INCLUDES ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
4. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION. THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
5. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEEMERITS, JUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

NICHOLAS PAUL GEISLER
ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified
386/365-4355

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MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

UL DETAILS

PROJECT NAME

COURTYARD INN,® Lake City, Florida

SEAL+SIGNATURE

FLORIDA REG.: AR0007005

DATE	07 DEC 2021
PROJECT NUMBER	2K2101
DRAWING NUMBER	
DECOR:	XH

A-005

PAGE NUMBER 05

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Design No. U415
BXUV.U415
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

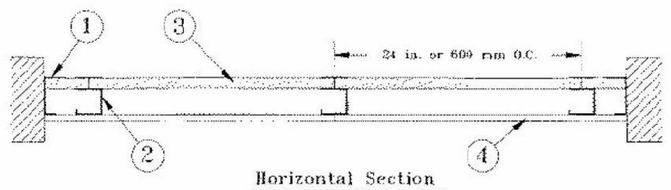
Design No. U415

July 14, 2016

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr

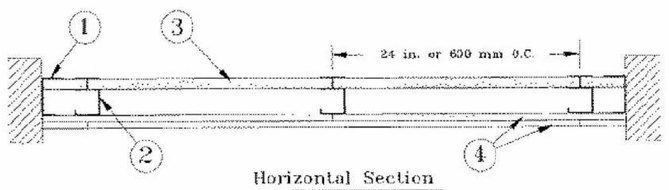
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System A — 1 Hr.



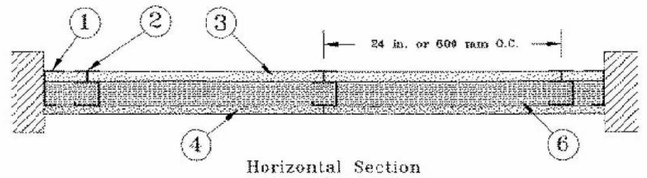
Horizontal Section

System B — 2 Hr.



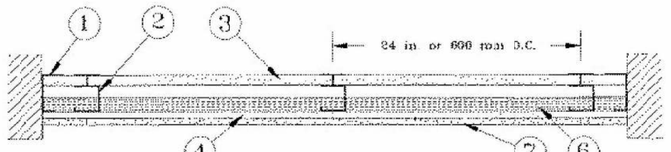
Horizontal Section

System C — 2 Hr.



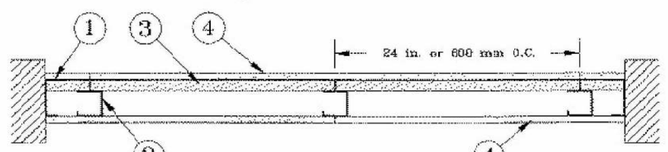
Horizontal Section

System D — 2 Hr.



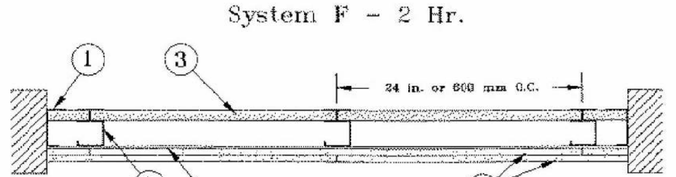
Horizontal Section

System E — 2 Hr.



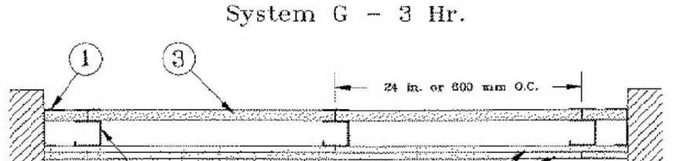
Horizontal Section

System F — 2 Hr.



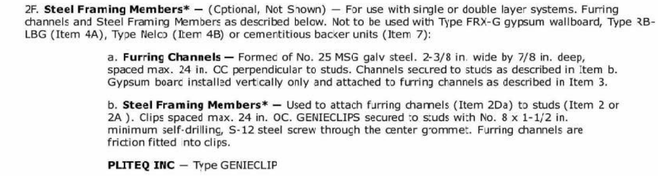
Horizontal Section

System G — 3 Hr.



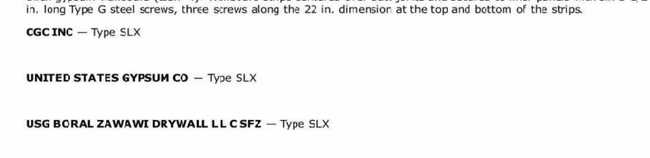
Horizontal Section

System H — 3 Hr.



Horizontal Section

System I — 4 Hr.



Horizontal Section

1. **Floor, Side and Ceiling Runners —** "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B, 4C, 4D or 7 are used) galv steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. C - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners.

2. **Steel Studs —** "C-H" - shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B, 4C, 4D or 7 is used) galv steel. Cut to lengths 3/8 to 1/2 in. less than floor-to-ceiling height and spaced 24 in. or 600 mm OC (max 16 in. OC when Items 4A, 4B, 4C, or 4D are used).

2A. **Steel Studs —** (Not Shown) — "E" - shaped studs installed back to back in place of "C-H" - shaped studs (Item 2) "E" - shaped studs secured together with steel screws spaced a maximum 12 in. OC. Fabricated from min 25 MSG (min 20 MSG when Item 2D, 4A, 4B or 7 is used) galv steel, min 2-1/2 in. deep (min 4 in. deep when System C is used), with one leg 1 in. long and two legs 3/4 in. long. Shorter legs 1 in. apart to engage gypsum liner panels. Cut to lengths 3/8 to 1/2 in. less than floor to ceiling heights.

2B. **Furring Channels —** (Optional, Not Shown) — For use with single or double layer systems. Resilient furring channels fabricated from min 25MSG corrosion protected steel, installed horizontally, and spaced vertically a max 24 in. OC. Flange portion of channel attached to each intersecting "C-H" or "E" stud on side of stud opposite the 1 in. liner panels with 1/2 in. long Type S or S-12 pan-head steel screws. When furring channels are used, wallboard to be installed vertically only. Not to be used with Type FRX-G gypsum wallboard, Type RS-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7).

2C. **Furring Channels —** For use with System 2 - "Hat" - shaped, 25 MSG galv steel furring channels attached directly over the inner layers of wallboard to each stud with 2 in. long Type S pan head steel screws. Screws alternate from top flange to bottom flange at each stud intersection. Furring channels spaced vertically max 24 in. OC.

2D. **Steel Framing Members* —** (Optional, Not Shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum wallboard, Type RS-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7):

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and attached to furring channels as described in Item 3.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in. OC, and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

2E. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 3. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Ea) to studs. Clips spaced 24 in. OC, and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

2F. **Steel Framing Members* —** (Optional, Not Shown) — For use with single or double layer systems. Furring channels and Steel Framing Members as described below. Not to be used with Type FRX-G gypsum wallboard, Type RS-LBG (Item 4A), Type Nelco (Item 4B) or cementitious backer units (Item 7):

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board installed vertically only and attached to furring channels as described in Item 3. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

b. **Steel Framing Members* —** Used to attach furring channels (Item 2Ea) to studs. Clips spaced 24 in. OC, and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

3. **Gypsum Board* —** Gypsum liner panels, nom 1 in. thick, 24 in. or 600 mm (for metric spacing) wide. Panels cut 1 in. less in length than floor to ceiling height. Vertical edges inserted in "H" portion of "C-H" studs or the gap between the two 3/4 in. legs of the "E" studs. Free edge of end panels attached to long leg of vertical "J" - runners with 1-5/8 in. long Type S steel screws spaced not greater than 12 in. OC. When wall height exceeds liner panel length, liner panel may be butted to extend to the full height of the wall. Horizontal joints need not be backed by steel framing. In System I, butt joints in liner panels are staggered min 36 in. Butt joints backed with 6 in. by 22 in. strips of 3/4 in. thick gypsum wallboard (Item 4). Wallboard strips centered over butt joints and secured to liner panels with six 1-1/2 in. long Type G steel screws, three screws along the 22 in. dimension at the top and bottom of the strips.

CGC INC — Type SLX

UNITED STATES GYPSUM CO — Type SLX

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SLX

USG MEXICO S A DE C V — Type SLX

4. **Gypsum Board* —**

System A — 1 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. when installed vertically or 8 in OC when installed horizontally. Horizontal joints need not be backed by steel framing.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, WRC, WRX, USGX. When ULIX is used insulation, Item 6, **Batts and Blankets*** is required and minimum stud depth is 4 in.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System B — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in two layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 12 in. OC and staggered 12 in. from base layer screws. Joints between inner and outer layers staggered 24 in.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System C — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, secured with 1-1/4 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field when installed vertically or 8 in. OC along the vertical edges and in the field when installed horizontally. Horizontal joints need not be backed by steel framing. Screws along side joints offset 4 in. Requires min 4 in. deep framing per Items 1, 2 and 3. Requires min 3 in. thick mineral wool batts per Item 6.

CGC INC — Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type ULTRACODE

USG MEXICO S A DE CV — Types IP-X3 or ULTRACODE

System D — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached directly to studs with 1 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Horizontal joints need not be backed by steel framing. Requires face layer of 1/2 or 5/8 in. thick cementitious backer units per Item 7 and min 1-1/2 in. thick mineral wool batts per Item 5.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System E — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, attached to studs with 1 in. long Type S steel screws spaced 12 in. OC when installed vertically or 8 in. when installed horizontally. Horizontal joints need not be backed by steel framing.

CGC INC — 1/2 in. Type C, IP-X2, IPC-AR; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX.

UNITED STATES GYPSUM CO — 1/2 in. Types C, IP-X2, IPC-AR; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX

USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System F — 2 Hr

Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically in two layers. Inner or base layer attached to resilient furring channels (Item 2B) with 1 in. long Type S steel screws spaced 24 in. Outer or face layer attached to resilient furring channels (Item 2B) with 1-5/8 in. long Type S steel screws spaced 12 in. OC and staggered 12 in. from base layer screws. Joints between inner and outer layers staggered 24 in.

CGC INC — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

UNITED STATES GYPSUM CO — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX

USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX

System G — 3 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in OC when installed horizontally. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 2-1/4 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints on adjacent layers staggered 24 in. on adjacent layers.

CGC INC — Types C, IP-X2, IPC-AR, WRC

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC

System H — 3 Hr

Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, two layers over the flange of the "C" section of the studs, one layer over the flange of the "H" section of the studs. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed horizontally. Face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizontal joints need not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.

CGC INC — Types C, IP-X2, IPC-AR, WRC

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC

System I — 4 Hr

Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, applied first with 6 in. wide (200 mm for metric spacing) wallboard with square or tapered edges. Total of four layers to be used. First and second (inner) layers applied vertically or horizontally over the steel studs. Horizontal joints need not be backed by steel framing. When applied vertically, joints centered over studs and staggered min 24 in., otherwise all joints staggered min 12 in. First layer secured to studs with 1-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 24 in. OC. Second layer secured to studs with 2-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. Third layer applied vertically over the furring channels (Item 2C) with a 1-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. Fourth layer applied vertically or horizontally with 2-1/4 in. long Type S self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. When applied vertically, joints to be staggered min 24 in. from third layer, otherwise all joints staggered min 12 in.

CGC INC — Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type ULTRACODE

USG MEXICO S A DE C V — Types IP-X3 or ULTRACODE

4A. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9) or Lead Discs or Tabs (see Item 10).

RAY-BAR ENGINEERING CORP — Type RB-LBG

4B. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long sugar head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Type Nelco

4C. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). Lead batten strips required behind vertical joints of each lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip.

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4D. **Gypsum Board* —** (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5. **Joint Tape and Compound —** (Not Shown)

Systems A, B, C, E, F, G, H, I

Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with joint compound.

6. **Batts and Blankets* —**

Systems A, B, E, F, G, H, I

(Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance.

System A With Type ULIX Gypsum Boards

Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNW or BZ2Z) Categories** for names of Classified companies.

Systems C & D

Min 3 in. (System C) and min 1-1/2 in. (System D) thick mineral wool batts, friction fitted between the studs and floor and ceiling runners.

ROXUL INC — Type AFB

THERMAFIBER INC — Type SAFB

7. **Cementitious Backer Units* —** (System D) — Nom 1/2 or 5/8 in. thick panels, square edge, attached to studs over gypsum wallboard with 1-5/8 in. long, Type S-12, corrosion resistant steel screws spaced 8 in. OC and staggered 8 in. from gypsum wallboard joints. Joints covered with glass fiber mesh tape. Vertical joints staggered one stud cavity from gypsum wallboard joints. Horizontal joints staggered a min of 12 in. from the gypsum wallboard joints.

UNITED STATES GYPSUM CO — Type DCB

8. **Laminating Adhesive* —** (Optional, Not Shown) — Used to bond outer layer of Cementitious Backer Units (Item 7) to inner layers of Gypsum Board (Item 4) in System D, ANSI A136.1 Type 1 organic adhesive applied with 1/4 in. square notched trowel. See Adhesives (BYWR) in the Fire Resistance Directory or Adhesives (3JLZ) in the Building Materials Directory for names of Classified companies.

9. **Lead Batten Strips —** (Not Shown, For Use With Item 4A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Required behind vertical joints.

9A. **Lead Batten Strips —** (Not Shown, for use with Item 4C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

10. **Lead Discs or Tabs —** (Not Shown, For Use With Item 4A) — Used in lieu of or in addition to the lead batten strips (Item 9) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 1.125 in. thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grade "C".

10A. **Lead Discs —** (Not Shown, for use with Item 4C) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

11. **Lead Batten Strips —** (Not Shown, For Use With Item 4B) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations.

12. **Lead Tabs —** (Not Shown, For Use With Item 4B) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-07-14

1 UL DESIGN- U415
SCALE: NOT TO SCALE

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IMPORTANT NOTICE TO ALL CONTRACTORS AND/OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND/OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND/OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
2. YOU AGREE TO PROVIDE A COMPLETE DESIGN/BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
3. YOUR BID INCLUDES ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRE ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
4. YOUR BID MUST HAVE INCLUDED ANY DESIGN/INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION. THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM/INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
5. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFTSTOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

NICHOLAS PAUL GEISLER
ARCHITECT ■ 1758 NW Brown Road
N.C.A.R.B. Certified ■ Lake City, FL 32055
■ 386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

UL DETAILS

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-006

PAGE NUMBER 06

FLORIDA REG.: AR0007005

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Design No. U465
BXUV.U465
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Submitters are advised to consult the Certification Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

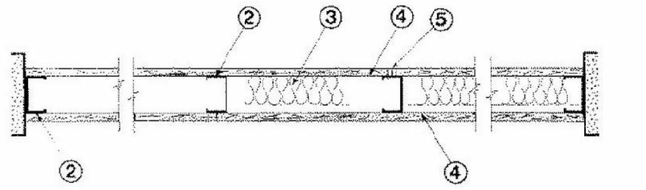
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U465

December 06, 2016

Nonbearing Wall Rating — 1 HR.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max

1A. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — As an alternate to Item 1 — Channel shaped, min 3-5/8 in. deep, attached to floor and ceiling with fasteners 24 in. OC, max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1B. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel attached to floor and ceiling with fasteners spaced 24 in. OC max.

CLARCDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWSS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1E. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Items 1 through 1D — For use with Item 2E and 4E only, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — TRUE-STUD™

1F. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Items 1 through 1E — For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

KIRII (HONG KONG) LTD — Type KIRII

1G. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Items 1 through 1F — For use with Item 2, channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide, attached to floor and ceiling with fasteners spaced 24 in. OC max.

STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, mix width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT10C

1I. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Item 1 — For use with Item 2H, proprietary channel shaped runners, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — Viper20™ Track

1J. **Framing Members* — Floor and Ceiling Runners —** Not Shown — In lieu of Items 1 — For use with Item 2 L, proprietary channel shaped runners, 1-1/4 in. deep by min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel attached to floor and ceiling with fasteners spaced 24 in. OC max.

STEEL INVESTMENT GROUP L L C — AlphaTRAK

2. **Steel Studs —** Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

2A. **Framing Members* —Steel Stucs —** As an alternate to Item 2 — Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2B. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1B, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

CRACO MFG INC — SmartStud20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

2C. **Steel Studs —** (As an alternate to Item 2. For use with Item 4E) — Channel shapes, fabricated from min 20 MSG corrosion-protected galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2D. **Framing Members* — Steel Studs —** As an alternate to Items 2 through 2C — For use with Item 1D and 4G only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

CLARCDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWSS L L C — ProSTUD

NBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2E. **Framing Members* — Steel Studs —** As an alternate to Items 2 through 2D — For use with Item 1E and 4E only, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

2F. **Framing Members* — Steel Studs —** As an alternate to Items 2 through 2E — For use with Item 2F, channel shaped studs, min 3-5/8 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 1/2 in. less than assembly height.

KIRII (HONG KONG) LTD — Type KIRII

2G. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 through 2F — For use with Item 1G. Proprietary channel shaped studs, minimum 3-5/8 in. wide. Studs to be cut 1/2 in. less than the assembly height.

STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1I, proprietary channel shaped steel studs, 1-1/4 in. wide by min 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel. Studs cut 3/4 in. less in length than assembly height.

TELLING INDUSTRIES L L C — Viper2C™

2I. **Framing Members* — Steel Studs —** In lieu of Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 3-5/8 in. deep (min), spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

EB METAL INC — EB Stud

2J. **Framing Members* — Steel Studs —** In lieu of Item 2 — For use with Item 1J, channel shaped studs, min 3-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

STEEL INVESTMENT GROUP L L C — AlphaSTUD

3. **Batts and Blankets* —** (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

See **Batts and Blankets** (BZJZ) category for names of classified companies.

3A. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product.

USG GREENFIBER L L C — INS735 & INS745 for use with wet or dry application. INS765LD and INS770LD are to be used for dry application only

3B. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) and Item 3A — Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft

NU-WOOL CO INC — Cellulose Insulation

3C. **Fiber, Sprayed* —** As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.3 lb/ft^3

INTERNATIONAL CELLULOSE CORP — Celbar-RL

3D. **Batts and Blankets* —** For use with Item 8. Nom 3 in. thick, minimum 3.4 pcf mineral wool batts, friction fit between the studs and floor and ceiling runners.

See **Batts and Blankets** (BZJZ) category for names of manufacturers.

3E. **Batts and Blankets* —** For use with Item 4P. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC, along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to Items 6 (resilient channels) or 6A, 6B or 6C (furring channels), gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

ACADIA DRYWALL SUPPLIES LTD — Type X, 5/8 Type X, Type Blueglass Exterior Sheathing

AMERICAN GYPSUM CO — Types AG-C, AGX-1, M-Glass

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

CERTAINTEED GYPSUM INC — Types :, EGRG, GlasRoc, Type X, Type X-1, Type C, SilentFX, 5/8" Sasi-Lite Type X

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Types LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD, LGLLX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C DAP, DD, DA, DA?C, DGG, DS, GPFS6, LS, Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Deadening Gypsum Board, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DG.W, Sheathing Type- DGLW, Soffit-Type DGLX, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DCL2W

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSMR-C, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSL

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-C, PG-9, PG-11, PGS-WRS

PANEL REY S A — Types GREX, PRC, PRC2, PRX, RHX, MDX, ITX

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M?TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX)

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

4A. **Gypsum Board* —** (As alternate to Item 4) — Nom 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost studs and floor and ceiling runners with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound.

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IF-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Types PRC, PRC2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

4B. **Gypsum Board* —** (As an alternate to Items 4 or 4A) — Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.

CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

4C. **Gypsum Board* —** As an alternate to Items 4, 4A, and 4B — Nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. Gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max in. OC, with last 2 screws 3/4 in. and 4 in. from each edge of board. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered or backed by steel framing.

GEORGIA-PACIFIC GYPSUM L L C — Type DGG, GreenGlass Type X

4D. **Gypsum Board* —** As an alternate to Items 4, 4A, 4B, and 4C — Nom. 5/8 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Gypsum panels fastened to framing with 1 in. long Type S steel screws 8 in. OC along vertical edges and 12 in. OC in the field when panels are applied horizontally, fasten to framing with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges and in the field. Screws spaced a max 12 in. along the top and bottom edges of the wall for both vertical and horizontal applications.

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSL, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSMR-C

4E. **Gypsum Board* —** (As an alternate to Items 4 through 4D) — Installed as described in Item 4, 5/8 in. thick, 4 ft wide, paper surfaced, applied vertically only and fastened to the studs and plates with 1 in. long, Type S steel screws spaced, 8 in. OC. Not to be used with Item 6.

NATIONAL GYPSUM CO — SoundBreak XP Type X Gypsum Board

4F. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs (Item 2C) - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity or opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

CERTAINTEED GYPSUM INC — Type X, Type X-1, Type C, Type EGRG, GlasRoc

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Types LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD

GEORGIA-PACIFIC GYPSUM L L C — Types DAP, DAPC, DGG, DS

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSL, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSMR-C

THAI GYPSUM PRODUCTS PCL — Type X, Type C

UNITED STATES GYPSUM CO — Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX)

USG BORAL ZAWAWI DRYWALL L L C SFZ — Types C, SCX

USG MEXICO S A DE C V — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

4G. **Gypsum Board* —** (As an alternate to Items 4 through 4F) — For use with Items 1D and 2D only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC, along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to Items 6 (resilient channels) or 6A, 6B or 6C (furring channels), gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC6A, LGFC-C/A

NATIONAL GYPSUM CO — Types FSW

UNITED STATES GYPSUM CO — Type SCX

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SCX

4H. **Gypsum Board* —** (As an alternate to Items 4 through 4G) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES

4I. **Gypsum Board* —** (As an alternate to Items 4 through 4F) — For use with Items 1E and 2E only, 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC, along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly.

UNITED STATES GYPSUM CO — Type SCX

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SCX

4J. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs (Item 2C) — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 3A) or Lead Discs (see Item 10A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4K. **Gypsum Board* —** (As an alternate to Item 4 and 4A, not for use with Items 1D, 1E, 2D and 2E) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 4 and 4A.

CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

4L. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 4 when used as the base layer on one or both sides of wall. For direct attachment only to steel studs Item 2C). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.385 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPF - Lead Lined Drywall

4M. **Gypsum Board* —** (For use with Item 8) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 8) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 8). Secured to outermost studs and floor and ceiling runners with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound.

AMERICAN GYPSUM CO — Type AG-C

CERTAINTEED GYPSUM INC — Type FRPC, Type C

CGC INC — Types C, IF-X2, IPC-AR

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C

PANEL REY S A — Types PRC, PRC2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type C

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR

4N. **Wall and Partition Facings and Accessories* —** (As an alternate to Item 4) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically and secured as described in Item 4.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527

4O. **Gypsum Board* —** As an alternate to Items 4, 4A, 4B, and 4C — Two layers Nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by steel framing. Horizontal joints on the same side need not be staggered. When applied horizontally, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC and staggered 4 in. OC between layers. When applied vertically, both layers of gypsum board fastened to each side of framing with 1 in. long Type S steel screws spaced 8 in. OC along vertical edges and 12 in. OC in the field, staggered 4 in. OC between layers. Screws spaced a max 12 in. along the top and bottom edges of the wall.

NATIONAL GYPSUM CO — Type FSW

4P. **Gypsum Board* —** As an alternate to Item 4. For use with Item 3E. **Batts and Blankets* —** 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC, along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to Item 6 (resilient channels) or 6A, 6B or 6C (furring channels), gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

UNITED STATES GYPSUM CO — Types ULX

5. **Joint Tape and Compound —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced with paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

6. **Resilient Channel —** (Optional — Not Shown) — 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 pan head steel screws. May not be used with Item 4P or 4J.

6A. **Steel Framing Members* —** (Not Shown) — As an alternate to Item 5, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel.

b. **Framing Members* —** Used to attach furring channels (Item 6A) to studs (Item 2). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75)

6B. **Framing Members* —** (Not Shown) — (Optional on one or both sides) — As an alternate to Item 6, furring channel and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 4. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

b. **Steel Framing Members* —** Used to attach furring channels (Item 6Ca) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527

8. **Mineral and Fiber Board* —** (Optional, Not Shown) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to studs and floor and ceiling runners with 1-5/8 in. long Type S steel screws, spaced 12 in. OC and 24 in. OC along all intermediate framing. The requirec UL Classified gypsum board layer (Item 4P) is to be installed over the Mineral and Fiber Boards. Batts and Blankets, Item 3D, and Adhesive, Item 11, are required

HOMASOTE CO — Homasote Type 440-32

9. **Lead Batten Strips —** (Not Shown, For Use With Item 4E) — Lead batten strips, min 1-1/2 in. wide max 16 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4E) and optional at remaining stud locations. Required behind vertical joints.

9A. **Lead Batten Strips —** (Not Shown, for use with Item 4J) — Lead batten strips. 2 in. wide, max 16 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4J) and optional at remaining stud locations.

10. **Lead Discs or Tabs —** (Not Shown, For Use With Item 4E) — Used in lieu of or in addition to the lead batten strips (Item 8) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4E) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

10A. **Lead Discs —** (Not Shown, for use with Item 4J) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

11. **Adhesive —** Not Shown — (For use with Item 8). — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 8).

12. **Wall and Partition Facings and Accessories* —** (Optional, Not Shown) — For use with Items 1 to 1I, Items 2 to 2J, Item 3, Items 4 to 4L, Item 5 and Item 6. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4 to Item 4I), install RefleXor membrane with the gold side facing outwards. Membrane installed with T50 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When RefleXor membrane is used an additional layer of Gypsum Board that is identical to the one used in the first layer and as specified in Item 4 to Item 4I shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 to Item 4I except the fastener length shall be increased by a minimum of 5/8 inch. Install Batts and Blankets in the stud cavity as per Item 3. On the other side of the wall, prior to the installation of the Gypsum Board, install Resilient Channels as per Item 6. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in. OC on the perimeter of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 4 to Item 4I with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — RefleXor membrane, SONOpan panel

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-12-06

1 UL DESIGN- U465
SCALE: NOT TO SCALE

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IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

F AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR

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Design No. U419
BXUV.U419
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the General Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

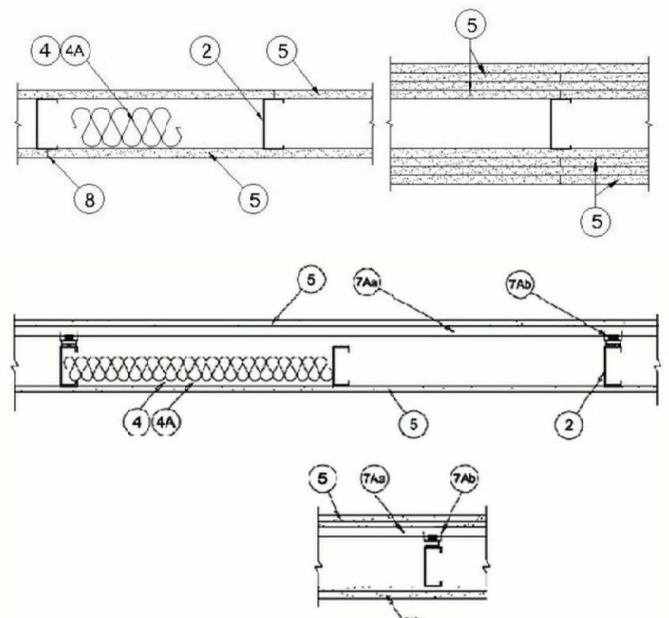
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U419

December 19, 2016

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1D. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC

1E. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS LLC — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES LLC — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS LLC — Tri-S ProTRAK

1F. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1-1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

SUPER STUD BUILDING PRODUCTS — The Edge

1G. **Framing Members* — Floor and Ceiling Runner —** For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.

STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.62 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.32 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper2C™ Track V™100

1I. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

TELLING INDUSTRIES L L C — Viper25™ Track

1K. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — Viper20™ Track

1L. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

STEEL INVESTMENT GROUP L L C — AlphaTRAK

1M. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Ronco Wall Track

1N. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Track

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs —** (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5I and 5K) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members* - Steel Studs —** (As an alternate to Item 2, For use with Items 5C, 5I or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

2C. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper2C™

2D. **Framing Members* — Steel Studs —** In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2E. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or 5K only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS LLC — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES LLC — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS LLC — Tri-S ProSTUD

2F. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped stucs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.

STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* — Steel Studs —** (As an alternate to Item 2, For use with Items 5C or 5L or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

TELLING INDUSTRIES L L C — Viper25™

2J. **Framing Members* — Metal Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spacec a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

TELLING INDUSTRIES L L C — Viper20™

2K. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shapec studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

EB METAL INC — EB Stud

2L. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members*— Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.

STELLING INVESTMENT GROUP L L C — AlphaSTUD

2O. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in less in lengths than assembly height. Spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Stud

3. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PFP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets* —** (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nominal thickness as indicated under Item 5.

See **Batts and Blankets** (BKNV or BZIZ) Categories for names of Classified companies.

4A. **Batts and Blankets* —** (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See **Batts and Blankets** (BKNV or BZIZ) Categories for names of Classified companies.

4B. **Batts and Blankets* —** For use with Item 5K. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See **Batts and Blankets** (BKNV or BZIZ) Categories for names of Classified companies.

4C. **Fiber, Sprayed* —** (Optional) and as an alternate to Batts and Blankets (Item 4B) where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with water/adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).

AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity or opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection or Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	2-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	2-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX. WRX or WRC: 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX SGX, SHX, WRX, IP-X1. AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board* —** (Not Shown) — As an alternate to Item 5 when used as the base layer or one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity or opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CGC INC — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.

CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity or opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX

USG BORAL ZAWAWI DRYWALL L L C SFZ — 5/8 in. thick Type SCX

5G. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2 IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard

Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board* —** (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified. For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) need not be staggered. The number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2 through 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4B)
1	3-5/8	1 layer, 5/8 in. thick	3-1/2 in.
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. **Fasteners —** (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

1. IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:
2. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
3. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
4. YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
5. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION. THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
6. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

5C. **Gypsum Board* —** (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity or opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

1 UL DESIGN- U419
SCALE: NOT TO SCALE

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NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVIC

6A. **Fasteners —** (Not Shown) — For use with Item 5K- Type S or S-12 steel screws used to attach panels to studs or furring channels (Item 7). Single layer systems: 1 in. long screws, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer- 1 in. long screws, spaced 16 in. OC. Second layer- 1-5/8 in. screws, spaced 8 in. CC with screws offset 8 in. from first layer. Three-layer systems: First layer- 1 in. long screws, spaced 24 in. CC. Second layer- 1-5/8 in. long screws, spaced 24 in. OC. Third layer- 2-5/8 in. long screws, spaced 8 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long screws, spaced 24 in. OC. Second layer- 1-5/8 in. long screws, spaced 24 in. OC. Third layer- 2-5/8 in. long screws, spaced 24 in. OC. Fourth layer- 3 in. long screws, spaced 8 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels —** (Optional, Not Shown for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E.

7A. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 5/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 7-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Type RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members* —** (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.

KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members* —** (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

7D. **Steel Framing Members* —** (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 4. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips - located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Da) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

8. **Joint Tape and Compound —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco —** (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants* —** (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips —** (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.

11A. **Lead Batten Strips —** (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.14C in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. **Lead Discs or Tabs —** (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

12A. **Lead Discs —** (Not Shown for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

13. **Lead Batten Strips —** (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs —** (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-12-19

2 UL DESIGN- U419
SCALE: NOT TO SCALE

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Design No. U424
BXUV.U424
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

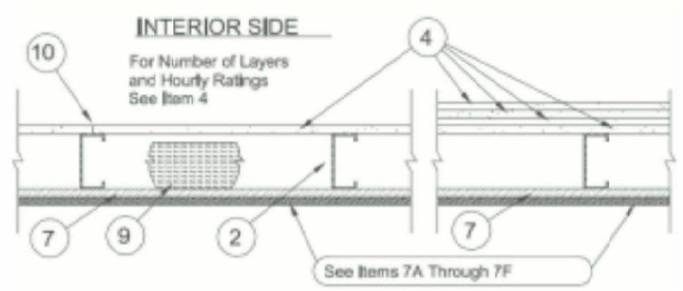
Design No. U424

December 06, 2016

(Exposed to Fire on Interior Face Only)

Bearing and Non-Load Wall Ratings — 3/4, 1, 1-1/2 or 2 Hr (See Items 4 and 9A)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not shown) — Channel shaped, fabricated from min 0.0329 in. thick, bare metal thickness (No. 20 MSG) corrosion-protected steel, that provide a sound structural connection between stee studs and adjacent assemblies such as floors, ceilings and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. OC.

2. **Steel Studs —** Min 0.0329 in. thick, bare metal thickness (No. 20 MSG) corrosion-protected steel studs, min 3-1/2 in. wide, cold formed, designed in accordance with the current edition of the Specification for the Design of Cold-Formed Stee Structural Members by the American Iron and Steel Institute (AISI). All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing shall not exceed 24 in. OC. (16 in. OC when Item 7E is used). Studs attached to floor and ceiling runners with 1/2 in. long Type S-12 steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications.

2A. **Steel Studs —** ("or Use With Items 4A, 4B, 4C, and 4D) — Channel shaped, fabricated from min 20 MSG corrosion-protected galv steel, 3-1/2 in. min width min 1-1/2 in. flanges and 1/4 in. return, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners.

3. **Lateral Support Members —** (Not shown) — Where required for lateral support of studs, support shall be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr, and 2 hr ratings are as follows:

Wallboard Protection on Interior Side of Stud

Rating	No. of Layers & Thkns of Panel	% of Design Load
45 Min	1 layer, 5/8 in. thick	100
1 hr	2 layers, 1/2 in. thick	100
1-1/2 hr	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
2 hr	2 layers, 3/4 in. thick	100

CGC INC — 1/2 in. thick Type C, IP-X2, IPC-AR, or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRX or WRC, 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE, USGX (Joint tape and compound, Item 10, optional for use with Type USGX).

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR, or WRC; 5/8 in. thick Type AR, C, FSX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULX, WRX, WRC, USGX (Joint tape and compound, Item 10, optional for use with Type USGX); 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR, or WRC; 5/8 in. thick Type AR. C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRX or WRC, 3/4 in. thick AR, IP-AR, IP-X3, ULTRACODE, USGX (Joint tape and compound, Item 10, optional for use with Type USGX).

4A. **Gypsum Board* —** (As an alternate to Item 4 when used as the base layer, For direct attachment only) - Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 1/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered one 20 MSG steel stud and staggered one stud cavity on opposite sides of studs. See Items 2A, 8. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12) or Lead Discs or Tabs (see Item 13).

RAY-BAR ENGINEERING CORP — Type RB-LBG

4B. **Gypsum Board* —** (As an alternate to Item 4 when used as the base layer, For direct attachment only). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

4C. **Gypsum Board* —** (As an alternate to Item 4 when used as the base layer, For direct attachment only) - Nom 5/8 in. may be used as alternate to all 5/8 in. shown in Item 4, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 2A, 8. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12A) or Lead Discs (see Item 13A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

4D. **Gypsum Board* —** (As an alternate to Item 4 when used as the base layer. For direct attachment only). Nom 5/8 in. may be used as alternate to all 5/8 in. shown in Item 4, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 2A, 8. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C"

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

4E. **Gypsum Board* —** For use with Item 9B, **Batts and Blankets*** for the 45 minute rating. Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally. The thickness and number of layers and percent of design load for the 45 min and 90 rating is as follows:

Wallboard Protection on Interior Side of Stud

Rating	No. of Layers & Thkns of Panel	% of Design Load
45 Min	1 layer, 5/8 in. thick	100
1-1/2 hr	2 layers, 5/8 in. thick	100

UNITED STATES GYPSUM CO — 5/8 in. Type ULIX

5. **Fasteners —** (Not shown) — Type S-12 steel screws used to attach panels to runners (Item 1) and studs (Item 2) or furring channels (Item 8). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 12 in. OC when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels spaced 12 in. OC. Screws offset min 6 in. from layer below.

5A. **Fasteners —** (Not shown, for use with Item 4B) — Type S-12 steel screws used to attach panels to runners (Item 1) and studs (Item 2) or furring channels (Item 8). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 12 in. OC when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels, spaced 8 in. OC. Screws offset min 6 in. from layer below.

6. **Building Paper —** (Not shown) — No. 15 asphalt felt or equivalent as required.

7. **Gypsum Sheathing —** For exterior walls, 1/2 or 5/8 in. thick exterior regular gypsum sheathing applied vertically or horizontally, attached to studs and runners with 1 in. long Type S12 steel screws spaced 12 in. OC along studs and runners. One or more of the following exterior facings shall be applied over the gypsum sheathing.

A. **Siding, Brick or Stucco —** Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies. When a min 3-3/4 in. thick brick veneer facing is used, the rating is applicable for exposure on either side. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

B. **Cementitious Backer Units* —** 1/2 or 5/8 in. thick panels, attached to steel studs over gypsum sheathing with 1-5/8 in. long, Type S-12, corrosion resistant, water-head steel screws, spaced 8 in. OC. Studs spaced a max of 16 in. OC. Joints covered with glass fiber mesh tape.

UNITED STATES GYPSUM CO — Type DCB

C. **Foamed Plastic* —** Aged expanded polystyrene (EPS) board per ASTM C578, with a nominal density not less than 1 pcf, R-value 3.8 min per in. with a flame spread of less than 25 and a smoke developed of less than 450, adhered to the gypsum sheathing (Item 7) or to the cementitious backer units (Item 7B) with USG Exterior Insulation Board Adhesive. See **Foamed Plastic (BRYX and/or CCVW) Categories** for names of Classified companies.

D. **Foamed Plastic* —** Polyisocyanurate foamed plastic insulation boards, any thickness, Classified in accordance with ERYX and / or CCVW.

ATLAS ROOFING CORP — "EnergyShield Pro Wall Insulation" and "EnergySield Pro 2 Wall Insulation"

CARLISLE COATINGS & WATERPROOFING INC — Type R2+ Sheath

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS — Type Xci-Class A, Xci 286, "Xci CG" and "Xci Foil"

RMAX OPERATING L L C — "TSX-8500", "TSX-8510", "Thermasheath-XP", "ECOMAXci", ""Thermasheath-3", "Durasheath-3"

THE DOW CHEMICAL CO — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), and "LIFT-R™ ci Insulation

E. **Foamed Plastic* —** Spray applied, foamed plastic insulation, at a minimum of 1 in. thick.

NCFI POLYURETHANES — NCFI 11-017, NCFI 11-016, NCFI 11-015

F. **Foamed Plastic* —** Spray applied, foamed plastic insulation, at a minimum of 1 in. thick.

BASF CORP — Enertite® NM, Spraytite® 178, Comfort Foam® 178, Spraytite® 81206, Wallite® US, Wallite® US-N. Sprayite® 158, Comfort Foam® 158, and Spraytite® 81205

G. **Building Units —** Polyisocyanurate foamed plastic composite insulation boards, any thickness, Classified in accordance with BZXX.

HUNTER PANELS — Type "Xci N8" and "Xci Ply"

RMAX OPERATING L L C — "Thermasheath-S1", "ECOBASEci", "ThermaBase-CI"

8. **Furring Channels —** (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Type FRX-G gypsum panels and Item 4A or 4B.

9. **Batts and Blankets* —** (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. **See Batts and Blankets (BKNV and/or BZJZ) Categories** for names of Classified companies.

9A. **Foamed Plastic* —** (Optional) — Enertite® NM, Sprayite® 178, Comfort Foam® 178, Sprayitte® 81206, Wallite® US, Wallite® US-N, Sprayite® 158, Comfort Foam® 158, and Sprayitte® 81205

BASF CORP — Enertite® NM, Sprayite® 178, Comfort Foam® 178, Sprayitte® 81236, Wallite® US, Wallitte® US-N, Sprayitte® 158, Comfort Foam® 158, and Sprayitte® 81205

a. **For Use in Bearing Walls —** Enerite® NM, Sprayitte® 178, Comfort Foam® 178, Sprayitte® 81206, Wallite® US and Wallitte® US-N

b. **For Use in Non-Bearing Walls —** Enertite® NM, Sprayitte® 178, Comfort Foam® 178, Sprayitte® 81206, Wallite® US, Wallitte® US-N, Sprayitte® 158, Comfort Foam® 158, and Sprayitte® 81205

9B. **Batts and Blankets* —** Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.

10. **Joint Tape and Compound —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of interior face layer. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of interior face layer. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

11. **Caulking and Sealants* —** (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter on interior side for sound control.

UNITED STATES GYPSUM CO — Type AS

12. **Lead Batten Strips —** (Not Shown, For use with Item 4A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations.

12A. **Lead Batten Strips —** (Not Shown, for use with Item 4C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

13. **Lead Discs or Tabs —** (Not Shown, For use with Item 4A) — Used in lieu of or in addition to the lead batten strips (Item 12) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

13A. **Lead Discs —** (Not Shown, for use with Item 4C) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

14. **Lead Batter Strips —** (Not Shown, For Use With Item 4B) — Lead battes strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item or 4B) and optional at remaining stud locations.

15. **Lead Tabs —** (Not Shown, For Use With Item 4B) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. "abs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-12-06

1 UL DESIGN- U424
SCALE: NOT TO SCALE

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IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
2. YOU AGREE TO PROVIDE A COMPLETE DESIGN/BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
3. YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRE ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
4. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION. THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
5. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; "FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

NICHOLAS PAUL GEISLER
ARCHITECT ■ 1758 NW Brown Road
N.C.A.R.B. Certified ■ Lake City, FL 32055
■ 386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

UL DETAILS

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH
A-009
PAGE NUMBER 09

FLORIDA REG.: AR0007005

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Design No. X633
BXUV.X633
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, systems, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire-resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

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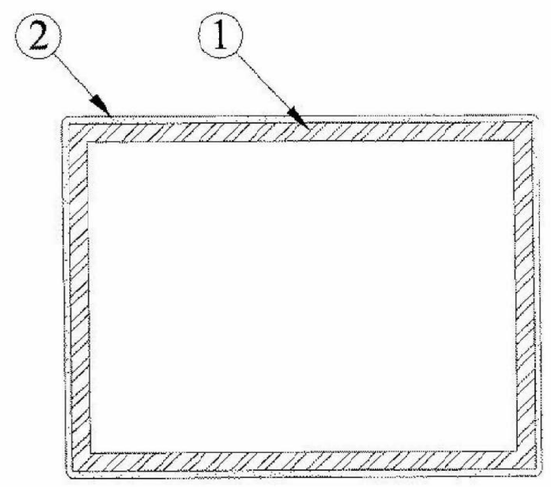
See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire-resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. X633
September 30, 2010

Ratings — 1, 1-1/2, 2, 3 and 4 Hr. (See Item 2)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Column —** Steel tube columns with the minimum sizes shown in the tables below. Columns shall be free if dirt, loose scale and oil. Column shall be primed with 0.001 in. dry film thickness of modified alkyd, epoxy, organic zinc or inorganic zinc based primer.

2. **Mastic and Intumescent Coating* —** Coating spray, brush or trowel applied directly from containers to desired thickness. See table below for appropriate final dry thickness.

Size	A/P	1 HR	1-1/2 HR	2 HR	3 HR	4 HR
ST 2x2x3/16	0.17	0.226	NR	VR	NR	NR
ST 2.5x2.5x3/16	0.17	0.226	NR	VR	NR	NR
ST 3x2x3/16	0.17	0.226	NR	VR	NR	NR
ST 3x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 3.5x3.5x3/16	0.18	0.226	NR	VR	NR	NR
ST 4x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 4x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 4x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 5x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 5x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 5x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 5x5x3/16	0.18	0.226	NR	VR	NR	NR
ST 6x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 6x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 6x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 6x6x3/16	0.18	0.226	NR	VR	NR	NR
ST 7x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 7x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 7x5x3/16	0.18	0.226	NR	VR	NR	NR
ST 7x7x3/16	0.18	0.226	NR	VR	NR	NR
ST 8x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 8x3x3/16	0.18	0.226	NR	VR	NR	NR
ST 8x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 8x6x3/16	0.18	0.226	NR	VR	NR	NR
ST 8x8x3/16	0.18	0.226	NR	VR	NR	NR
ST 10x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 10x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 10x6x3/16	0.18	0.226	NR	VR	NR	NR
ST 12x2x3/16	0.18	0.226	NR	VR	NR	NR
ST 12x4x3/16	0.18	0.226	NR	VR	NR	NR
ST 12x6x3/16	0.18	0.226	NR	VR	NR	NR
ST 2x2x1/4	0.22	0.226	NR	VR	NR	NR
ST 2.5x2.5x1/4	0.23	0.226	NR	VR	NR	NR
ST 3x2x1/4	0.23	0.226	NR	VR	NR	NR
ST 3x3x1/4	0.23	0.226	NR	VR	NR	NR
ST 3.5x3.5x1/4	0.23	0.226	NR	VR	NR	NR
ST 4x2x1/4	0.23	0.226	NR	VR	NR	NR
ST 4x3x1/4	0.23	0.226	NR	VR	NR	NR
ST 4x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 5x2x1/4	0.24	0.135	NR	VR	NR	NR
ST 5x3x1/4	0.24	0.135	NR	VR	NR	NR
ST 6x2x1/4	0.24	0.135	NR	VR	NR	NR
ST 5x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 5x5x1/4	0.24	0.135	NR	VR	NR	NR
ST 6x3x1/4	0.24	0.135	NR	VR	NR	NR
ST 6x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 6x6x1/4	0.24	0.135	NR	VR	NR	NR
ST 7x3x1/4	0.24	0.135	NR	VR	NR	NR
ST 7x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 7x7x1/4	0.24	0.135	NR	VR	NR	NR
ST 8x2x1/4	0.24	0.135	NR	VR	NR	NR
ST 8x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 8x8x1/4	0.24	0.135	NR	VR	NR	NR
ST 10x2x1/4	0.24	0.135	NR	VR	NR	NR
ST 10x4x1/4	0.24	0.135	NR	VR	NR	NR
ST 10x6x1/4	0.24	0.135	NR	VR	NR	NR
ST 10x10x1/4	0.24	0.135	NR	VR	NR	NR
ST 12x2x1/4	0.24	0.135	NR	VR	NR	NR
ST 12x4x1/4	0.24	0.135	NR	VR	NR	NR
12X6X1/4	0.24	0.135	NR	NR	NR	NR
ST 12x8x1/4	0.24	0.135	NR	NR	NR	NR
ST 12x12x1/4	0.24	0.135	NR	NR	NR	NR
ST 14x4x1/4	0.24	0.135	NR	NR	NR	NR
ST 14x6x1/4	0.24	0.135	NR	NR	NR	NR
3X3X5/16	0.28	0.124	0.292	0.394	NR	NR
3 5X3.5X5/16	0.28	0.124	0.292	0.394	NR	NR
4x2x5/16	0.28	0.124	0.292	0.394	NR	NR
4X3X5/15	0.28	0.124	0.292	0.394	NR	NR
5x2x5/16	0.28	0.124	0.292	0.394	NR	NR
4X4X5/15	0.29	0.122	0.292	0.385	NR	NR
5X3X15/16	0.29	0.122	0.292	0.385	NR	NR
5X4X5/15	0.29	0.122	0.292	0.385	NR	NR
5X5X5/15	0.29	0.122	0.292	0.385	NR	NR
6x2x5/16	0.29	0.122	0.292	0.385	NR	NR
6X3X5/15	0.29	0.122	0.292	0.385	NR	NR
6X4X5/15	0.29	0.122	0.292	0.385	NR	NR
7X3X5/15	0.29	0.122	0.292	0.385	NR	NR
7X4X5/15	0.29	0.122	0.292	0.385	NR	NR
8X2X5/15	0.29	0.122	0.292	0.385	NR	NR
8X3X5/15	0.29	0.122	0.292	0.385	NR	NR
6X6X5/15	0.30	0.119	0.292	0.377	NR	NR
7X5X5/15	0.30	0.119	0.292	0.377	NR	NR
7X7X5/15	0.30	0.119	0.292	0.377	NR	NR
8X4X5/15	0.30	0.119	0.292	0.377	NR	NR
8X6X5/15	0.30	0.119	0.292	0.377	NR	NR
8X8X5/15	0.30	0.119	0.292	0.377	NR	NR
10X2X5/16	0.30	0.119	0.292	0.377	NR	NR
10X4X5/16	0.30	0.119	0.292	0.377	NR	NR
10X6X5/16	0.30	0.119	0.292	0.377	NR	NR
10X10X5/16	0.30	0.119	0.292	0.377	NR	NR
12X4X5/16	0.30	0.119	0.292	0.377	NR	NR
12X6X5/16	0.30	0.119	0.292	0.377	NR	NR
12X8X5/16	0.30	0.119	0.292	0.377	NR	NR
12X12X5/16	0.30	0.119	0.292	0.377	NR	NR
14X4X5/16	0.30	0.119	0.292	0.377	NR	NR
14X6X5/16	0.30	0.119	0.292	0.377	NR	NR
14X13X5/16	0.30	0.119	0.292	0.377	NR	NR
16X4X5/16	0.30	0.119	0.292	0.377	NR	NR
16X8X5/16	0.30	0.119	0.292	0.377	NR	NR
18X6X5/16	0.30	0.119	0.292	0.377	NR	NR
20X4X5/16	0.30	0.119	0.292	0.377	NR	NR
14X14X5/16	0.31	0.117	0.292	0.369	NR	NR
16X12X5/16	0.31	0.117	0.292	0.369	NR	NR
16X15X5/16	0.31	0.117	0.292	0.369	NR	NR
20X8X5/16	0.31	0.117	0.292	0.369	NR	NR
4X4X3/8	0.34	0.107	0.292	0.344	NR	NR
5X3X3/8	0.34	0.107	0.292	0.344	NR	NR
5X4X3/8	0.34	0.107	0.292	0.344	NR	NR
6X2X3/8	0.34	0.107	0.292	0.344	NR	NR
6X3X3/8	0.34	0.107	0.292	0.344	NR	NR
5X5X3/8	0.35	0.105	0.292	0.336	NR	NR
6X4X3/8	0.35	0.105	0.292	0.336	NR	NR
6X6X3/8	0.35	0.105	0.292	0.336	NR	NR
7X3X3/8	0.35	0.105	0.292	0.336	NR	NR
7X4X3/8	0.35	0.105	0.292	0.336	NR	NR
7X5X3/8	0.35	0.105	0.292	0.336	NR	NR
7X7X3/8	0.35	0.105	0.292	0.336	NR	NR
8X2X3/8	0.35	0.105	0.292	0.336	NR	NR
8X3X3/8	0.35	0.105	0.292	0.336	NR	NR
8X4X3/8	0.35	0.105	0.292	0.336	NR	NR
8X6X3/8	0.35	0.105	0.292	0.336	NR	NR
10X4X3/8	0.35	0.105	0.292	0.336	NR	NR
8X8X3/8	0.36	0.102	0.292	0.328	NR	NR
10X6X3/8	0.36	0.102	0.292	0.328	NR	NR
:0X10X3/8	0.36	0.102	C.292	0 328	NR	NR
:2X4X3/8	0.36	0.102	C.292	0 328	NR	NR
:2X6X3/8	0.36	0.102	C.292	0 328	NR	NR
:2X8X3/8	0.36	0.102	C.292	0 328	NR	NR
:2X12X3/8	0.36	0.102	C.292	0 328	NR	NR
:4X4X3/8	0.36	0.102	C.292	0 328	NR	NR
:4X6X3/8	0.36	0.102	C.292	0 328	NR	NR
:4X10X3/8	0.36	0.102	C.292	0 328	NR	NR
:4X14X3/8	0.36	0.102	C.292	0 328	NR	NR
:6X4X3/8	0.36	0.102	C.292	0 328	NR	NR
:6X8X3/8	0.36	0.102	C.292	0 328	NR	NR
:6X12X3/8	0.36	0.102	C.292	0 328	NR	NR
:8X6X3/8	0.36	0.102	C.292	0 328	NR	NR
20X4X3/8	0.36	0.102	C.292	0 328	NR	NR
20X8X3/8	0.36	0.102	C.292	0 328	NR	NR
:6X16X3/8	0.37	0.099	C.292	0 320	NR	NR
4X4X1/2	0.44	0.078	C.165	0 263	0.465	NR
5X3X1/2	0.44	0.078	C.165	0 263	0.465	NR
5X5X1/2	0.45	0.075	C.161	0 263	0.465	NR
6X4X1/2	0.45	0.075	C.161	0 263	0.465	NR
6X6X1/2	0.46	0.072	C.157	0 263	0.465	NR
7X5X1/2	0.46	0.072	C.157	0 263	0.465	NR
7X7X1/2	0.46	0.072	C.157	0 263	0.465	NR
8X4X1/2	0.46	0.072	C.157	0 263	0.465	NR
8X6X1/2	0.46	0.072	C.157	0 263	0.465	NR
:0X4X1/2	0.46	0.072	C.157	0 263	0.465	NR
8X8X1/2	0.47	0.069	C.153	0 263	0.465	NR
:0X6X1/2	0.47	0.069	C.153	0 263	0.465	NR
:2X4X1/2	0.47	0.069	C.153	0 263	0.465	NR
:2X6X1/2	0.47	0.069	C.153	0 263	0.465	NR
:4X4X1/2	0.47	0.069	C.153	0 263	0.465	NR
:0X10X1/2	0.48	0.067	C.150	0 263	0.465	NR
:2X8X1/2	0.48	0.067	C.150	0 263	0.465	NR
:2X12X1/2	0.48	0.067	C.150	0 263	0.465	NR
:4X6X1/2	0.48	0.067	C.150	0 263	0.465	NR
:4X10X1/2	0.48	0.067	C.150	0 263	0.465	NR
:4X14X1/2	0.48	0.067	C.150	0 263	0.465	NR
:6X4X1/2	0.48	0.067	C.150	0 263	0.465	NR
:6X8X1/2	0.48	0.067	C.150	0 263	0.465	NR
:6X12X1/2	0.48	0.067	C.150	0 263	0.465	NR
:6X16X1/2	0.48	0.067	C.150	0 263	0.465	NR
:8X6X1/2	0.48	0.067	C.150	0 263	0.465	NR
20X4X.5	0.48	0.067	C.150	0 263	0.465	NR
20X8X1/2	0.48	0.067	C.150	0 263	0.465	NR
20X12X1/2	0.48	0.067	C.150	0 263	0.465	NR
8X8X5/8	0.58	0.038	C.108	0 263	0.465	NR
:0X10X5/8	0.59	0.035	C.104	0 263	0.465	NR
:2X8X5/8	0.59	0.035	C.104	0 263	0.465	NR
:6X12X5/8	0.60	0.035	C.104	0 263	0.465	NR
:2X12X2	1.67	0.035	C.104	0 248	0.248	0.248

NR-Not Raced

CARBOLINE CO — Type Nullifire S606. Investigated for Interior Conditioned Space Purpose anc Interior General Purpose.(See Item 3)

3. **Top Coat —** Not required for Interior Conditioned Space Purpose. For Interior General Purpose Type Carboguard 1340, Type Rustbond Penetrating Sealer FC or Rustbond FC intermediate coat applied over the base coat at 0.302 in thickness and Type Carbothane 133HB top-coat, Type Carboxylic 3359 top-coat or Type Carbothane 133VOC top-coat Carbothane 133MC top-coat applied over the intermediate coat at 0.003 in. thickness

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2010-09-30

2 UL DESIGN- X633
SCALE: NOT TO SCALE

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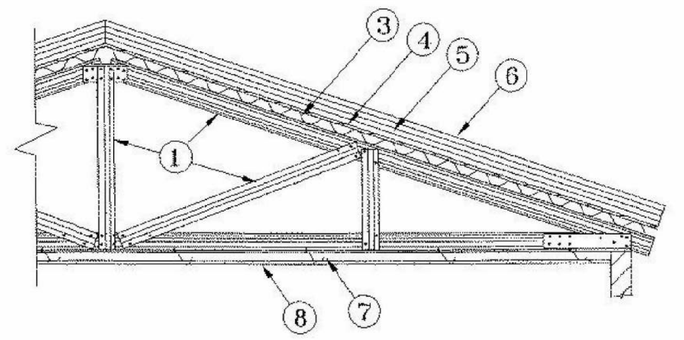
Design No. P521
August 27, 2015

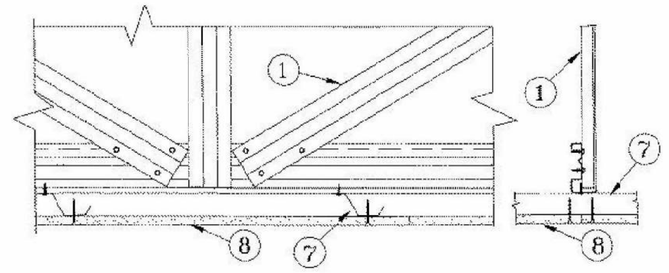
Restrained Assembly Rating — 1, 1-1/2 and 2 Hr. (See Items 3A , 5, 5A, 5B and 8)

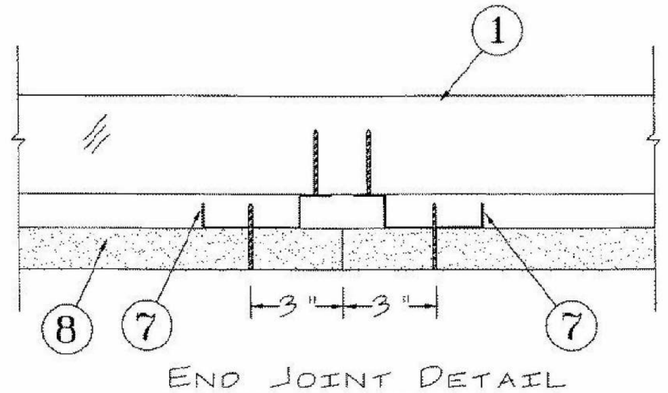
Unrestrained Assembly Rating — 1, 1-1/2 and 2 Hr. (See Items 3A , 5, 5A, 5B and 8)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**







END JOINT DETAIL

1. **Structural Steel Members* —** Pre-fabricated light gauge steel truss system consisting of cold-formed, galvanized steel chord and web sections. Trusses fabricated in various sizes, depths, and from various steel thickness. Trusses spaced a max of 48 in. OC.

AEGIS METAL FRAMING, DIV OF MITEK — Ultra-Span, Pre-fabricated Light Gauge Steel Truss System

2. **Bridging —** (Not Shown) — Location of lateral bracing for truss chord and web sections to be specified on truss engineering.

3. **Steel Floor and Form Units —** (Classified or Unclassified) — Corrugated or fluted steel form units, min 22 MSG painted or galv steel, welded or mechanically fastened max 12 in. OC to truss-top chords.

4. **Cementitious Backer Units* —** Nom 1/2 or 5/8 in. thick sheets. End-joints to occur over crests of steel roof decc with end-joints staggered in adjacent rows. Units loosely laid, adhered or mechanically attached to steel roof deck.

UNITED STATES GYPSUM CO — Type DCB.

4A. **Gypsum Board —** (Classified or Unclassified) — (Not Shown) — As an alternate to Item 4, Gypsum sheathing, min 1/2 in. thick, applied perpendicular to steel roof decc. End joints to occur over crests of steel roof deck. Sheathing loosely laid, adhered or mechanically attached to steel roof deck. See Gypsum Board (CKNX) category for names of Classified companies.

5. **Roof Insulation — Foamed Plastic* —** Any polyisocyanurate foamed plastic insulation boards bearing the UL Classification Marking. Min thickness is 1 in. for the 1 hr assembly ratings. 2 in. for the 1-1/2 hr assembly ratings and 4 in. for the 2 hr ratings, with no limit on max overall thickness. Boards installed over the cementitious backer units (Item 4) or gypsum sheathing (Item 4A), with the end-joints staggered in adjacent rows. When applied in more than one layer, each layer of board to be offset in both directions from layer below in order to lap all joints. Boards loosely laid, adhered or mechanically fastened to cementitious backer units or gypsum sheathing, and to steel roof deck (Item 3). See Foamed Plastic (CCVW) category in the Fire Resistance Directory.

5A. **Roof Insulation — Foamed Plastic* —** (Not Shown) — As an alternate to Item 5 — For 1 and 1-1/2 hr ratings only — Any polystyrene foamed plastic insulation boards bearing the UL Classification Marking. Min thickness is 1 in. for the 1 hr assembly ratings, and 2 in. for the 1-1/2 hr assembly ratings, with no limit on max overall thickness. Boards installed over the cementitious backer units (Item 4) or gypsum sheathing (Item 4A), with the end-joints staggered in adjacent rows. When applied in more than one layer, each layer of board to be offset in both directions from layer below in order to lap all joints. Boards loosely laid, adhered or mechanically fastened to cementitious backer units or gypsum sheathing, and to steel roof deck (Item 3). See Foamed Plastic (3RYX) category in the Building Materials Directory or Foamed Plastic (CCVW) category in the Fire Resistance Directory.

5B. **Roof Insulation — Mineral and Fiber Boards* —** (Not Shown) — As an alternate to Item 5 — Mineral wool, glass fiber or perlite insulation boards, 24 in or 48 in. min size, applied in one or more layers. Min thickness is 1 in. for the 1 hr assembly ratings, 2 in. for the 1-1/2 hr assembly rating and 4 in. for the 2 hr ratings, with no limit on max overall thickness. Boards installed over the cementitious backer units (Item 4) or gypsum sheathing (Item 4A), with the end-joints staggered in adjacent rows. When applied in more than one layer, each layer of board to be offset in both directions from layer below in order to lap all joints. Boards loosely laid, adhered or mechanically fastened to cementitious backer units or gypsum sheathing, and to steel roof deck (Item 3).

See Mineral and Fiber Boards (BQXR) Category in the Building Materials Directory or Mineral and Fiber Boards (CERZ) Category in the Fire Resistance Directory.

5C. **Roof Insulation —Building Units* (Not Shown) —** As an alternate to Item 5—Any polyisocyanurate foamed plastic insulation faced on the top surface with oriented strand board or faced on the underside or both sides with wood fiber board, bearing the UL Classification Marking for Fire Resistance. No min thickness of the polyisocyanurate foamed plastic core required for the 1 hr assembly ratings, min 2 in. polyisocyanurate foamed plastic core for the 1-1/2 hr assembly ratings and min 4 in. polyisocyanurate foamed plastic core for the 2 hr rating with no limit on max overall thickness. Boards installed over the cementitious backer units (Item 4) or gypsum sheathing (Item 4A), with the end-joints staggered in adjacent rows. When applied in more than one layer, each layer of board to be offset in both directions from layer below in order to lap all joints. Boards loosely laid, adhered or mechanically fastened to cementitious backer units or gypsum sheathing and to steel roof deck (Item 3). See Building Units (BZXX) category in the Fire Resistance Directory.

6. **Roof Covering* —** Consisting of hot-mopped or cold-application materials compatible with insulation(s) described herein which provide Class A, B or C coverings. See Roofing Materials and Systems Directory-Roof Covering Materials (TEVT).

6A. **Roofing Membrane* —** (Not Shown) — In lieu of Item 6, single-ply membrane that is either ballasted, adhered or mechanically attached to the insulation(s) described herein as permitted under the respective company's Classification. See Fire Resistance Directory-Roofing Membranes (CHCJ) Category.

6B. **Metal Roof Deck Panels* —** In Lieu of or in addition to Items 6 and 6A, the roof covering may consist of mechanically fastened galv or painted steel roof deck panels. Panels may be installed above a steel purlin assembly per metal roof deck manufacturer's specifications. Steel purlin assembly to be installed transverse to steel roof trusses (Item 1). A line of sealant or tape may be used at panel side and end laps. See Metal Roof Deck Panels Category in the Roofing Materials and Systems Directory (TJPV) or Fire Resistance Directory (CETW) for names of manufacturers.

6C. **Roof Covering* —** In Lieu of Item 6 —Any UL Class A, B or C Prepared Roof Covering (TFWZ) acceptable for use over plywood sheathing or nonveneer APA Rated Series Sheathing. Sheathing mechanically fastened through roof insulation to top chord of steel trusses with fasteners spaced a max of 12 in. OC. As an alternate to the plywood sheathing or nonveneer APA Rated Series Sheathing, the Prepared Roof Covering (TFWZ) may be applied directly to the Building Units* (Item 5C) if the building units also carry the UL Classification Marking for Prepared Roofing Assemblies (TGDY). Fasteners to be of sufficient length to penetrate top chord of truss by 3/8 in.

7. **Furring Channels —** Resilient channels formed of 25 MSG galv steel, installed perpendicular to the trusses (Item 1) when steel trusses are spaced a max 24 in. OC. Resilient channels space a max of 16 in. OC. Channels oriented opposite at wallboard butt-joints. Channel spices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S-12 by 1/2 in. long screws.

7A. **Furring Channels —** (Not Shown) — As an alternate to Item 7 — Hat channels min 20 MSG galv steel, min 2-5/8 in. wide by min 7/8 in. deep, installed perpendicular to the trusses (Item 1) spaced a max of 16 in. OC. Two courses of channel positioned 6 in. OC, 3 in. from each end of wallboard. Channel splices overlapped 6 in. beneath steel trusses. Channels secured to each truss with No. 18 SWG steel wire double strand saddle ties. Channels tied together with double strand of No.18 SWG steel wire at each end overlap.

7B. **Furring Channels —** As an alternate to Items 7 and 7A, resilient channels, double legged formed of 25 MSG galv steel, 2-7/8 in. wide by 1/2 in. deep spaced max 16 in. OC, perpendicular to steel trusses. Two courses of resilient channel positioned 6 in. CC at wallboard butt-joints (3 in. from each end of wallboard). Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws or with No. 18 SWG galv steel wire double strand saddle ties. Channels tied together with double strand of No. 18 SWG galv steel wire at each end of overlap.

8. **Gypsum Board* —** For all ratings except the 2 Hr Assembly Ratings — One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws spaced 12 in. OC along butted end-joints and 12 in. OC in the field. For the 2 Hr Ratings — Two layers of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Base layer attached as described above. Face layer attached to the resilient channels using 1-5/8 in. long Type S bugle-head screws spaced 12 in. OC along butted end-joints and 12 in. OC in the field. Screws staggered from base layer screws. Face layer side and end joints offset a minimum 16 in. from base layer side and end joints.

CGC INC — Types C, IP-X2, IPC-AR.

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR.

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR.

9. **Finishing System —** (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads, paper tape, 2 in. wide, embedded in first layer of compound over all joints.

Alternate Ceiling Membrane — Not shown.

10. **Steel Framing Members —**

a. **Main runners —** Installed perpendicular to Structural Steel Members — Nom 16 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of Structural Steel Members with 12 SWG galv steel wire. Wires located a max of 48 in. OC.

b. **Cross tees or channels —** Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted wallboard end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.

c. **Wall angles or channels —** Used to support steel framing member ends and for screw-attachment of the gypsum wallboard — Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in.thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.

CGC INC — Type DGL or RX.

USG INTERIORS LLC — Type DGL or RX.

10A. **Alternate Steel Framing Members* —** (Not Shown) - As an alternate to Item 10 - For the 1 and 1-1/2 hr ratings only- Main runners nom 12 ft long, spaced 72 in. OC. Main runners hung a min of 2 in. from bottom chord of Structural Steel Members with 12 SWG galv steel wire. Wires located a max of 48 in. OC. Cross tees, nom 6 ft long, installed perpendicular to main runners and spaced 24 in. OC. Additional 6 ft long cross tees required at each gypsum board end joint with butted gypsum board end joints centered between cross tees spaced 8 in. OC. The main runners and cross tees may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

USG INTERIORS LLC — Type DGL or RX

11. **Gypsum Board* —** For use with Steel Framing Members (Item 10) - For the 1 and 1-1/2 hr ratings - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Wallboard fastened to each cross tee or channel with five wallboard screws, with one screw located at the midspan of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span and one screw located 1-1/2 in. from each wallboard side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At wallboard end joints, wallboard screws shall be located 1/2 in. from the joint. Wallboard fastened to main runners with wallboard screws 1/2 in. from side joints, midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent wallboard sheets shall be staggered not less than 12 in. Wallboard sheets screw attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 8. For the 2 hr rating - Two layers of nominal 5/8 in. thick by 48 in. wide boards. Inner layer installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Inner layer fastened to cross tees with 1-1/4 in. long Type S bugle-head steel screws spaced 8 in. OC along butted end joints and 12 in. OC in the field of the board. End joints of adjacent wallboard sheets shall be staggered not less than 4 ft OC. Outer layer attached to the cross tees through inner layer using 1-7/8 in. long Type S bugle-head steel screws spaced 8 in. OC at butted end joints and 12 in. OC in the field. Butted end joints to be centered along cross tees and be offset a min of 32 in. from end joints of inner layer. Rows of screws on both sides of butted end joints of each layer shall be located 3/8 to 1/2 in. from end joints. Butted side joints of outer layer to be offset a min of 18 in. from butted side joints of inner layer. Joints treated as described in Item 8.

CGC INC — Type C or IP-X2

UNITED STATES GYPSUM CO — Type C or IP-X2

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Type C or IP-X2

11A. **Gypsum Board* —** For use with Steel Framing Members (Item 10A) - For the 1 and 1-1/2 hr ratings - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension (side joints) perpendicular to the 6 ft long cross tees with the end joints staggered min 4 ft and centered between cross tees which are spaced 8 in. OC. Gypsum board side joints may occur beneath or between main runners. Prior to installation of the gypsum board sheets, backer strips consisting of nom 7-1/4 in. wide pieces of gypsum board are to be laid atop the cross tee flanges and centered over each butted end joint location. The backer strips are to be secured to the flanges of the cross tees at opposite corners of the backer strip with hold down clips to prevent the backer strips from being uplifted during screw-attachment of the gypsum board sheets. Gypsum board fastened to cross tees with 1 in. drywall screws spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type G laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board.

CGC INC — Type C or IP-X2

UNITED STATES GYPSUM CO — Type C or IP-X2

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Type C or IP-X2

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2015-08-27

1 UL DESIGN- P521
SCALE: NOT TO SCALE

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IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
2. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
3. YOUR BID INCLUDES ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
4. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION. THE COMPLETION OF YOUR

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Design No. X794
BXUV.X794
Fire-resistance Ratings - ANSI/UL 263

Page Bottom

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

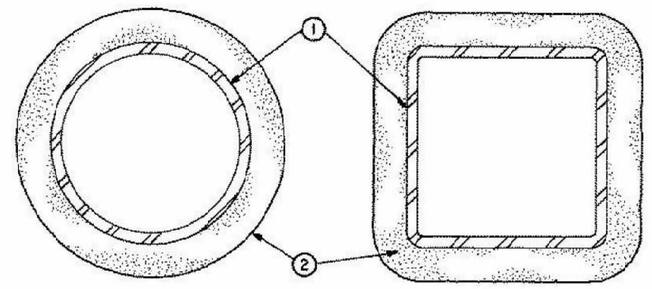
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. X794

October 29, 2013

Ratings — 3/4, 1, 1-1/2, 2, 3 and 4 h

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Steel Pipe or Tube —** The A/P ratio of the steel pipe or tube (see Item 2) shall range from 0.18 to 2.0.

2. **Spray-Applied Fire Resistive Materials* —** Applied by mixing with water and spraying in one or more coats to steel surfaces which must be clean and free of dirt, loose scale and oil. Min avg and ind density of 19/18 pcf respectively for Types 7GF, 7HD . Min avg and ind density of 22/19 pcf respectively for Types Z-136, Z-136/6, Z-106/HY. For method of density determination, see Design Information Section, preceding these designs.

The hourly rating of the structural member is dependent upon the ratio of A/P and the thickness of Spray-Applied Fire Resistive Materials, where A is the cross sectional area of the pipe or tube and P is the heated perimeter.

The A/P ratio of a circular pipe is determined by:

$$A/P\ pipe = \frac{t\,(d - t)}{d}$$

Where:

d = the outer diameter of the pipe (in.)

t = the wall thickness of the pipe (in.)

The A/P ratio of a rectangular or square tube is determined by:

$$A/P\ tube = \frac{t\,(a + b - 2t)}{a + b}$$

Where:

a = the outer width of the tube (in.)

b = the outer length of the tube (in.)

c = the wall thickness of the tube (in.)

The thickness of Spray-Applied Fire Resistive Materials for ratings of 3/4, 1, 1-1/2, 2, 3 and 4 h of a steel pipe or tube can be determined by the equation:

$$h = \frac{R - 0.20}{4.43\,(A/P)}$$

Where:

R = the hourly rating (hrs.)

h = the thickness of Spray-Applied Fire Resistive Materials, min 1/4 in., max 3-7/8 in.

ARABIAN VERMICULITE INDUSTRIES — Types Z-106, Z-106/G, Z-106/HY.

GCP KOREA INC — Types Z-106, Z-106/G, Z-106/HY.

SOUTHWEST FIREPROOFING PRODUCTS CO — Types 7GP, 7HD.

GCP APPLIED TECHNOLOGIES INC — Types Z-106, Z-106/G, Z-106/HY.

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Last Updated on 2013-10-29

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5. AS AN EXAMPLE: ITEMS AND OF TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

UL DETAILS

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

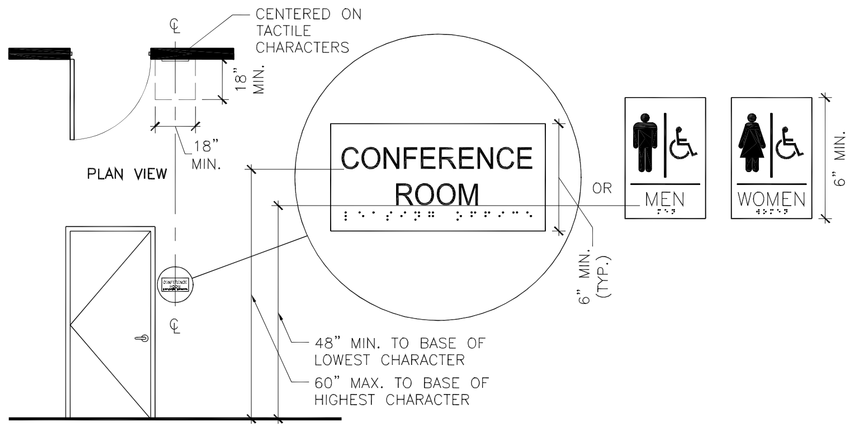
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-011

PAGE NUMBER 11

FLORIDA REG.: AR0007005

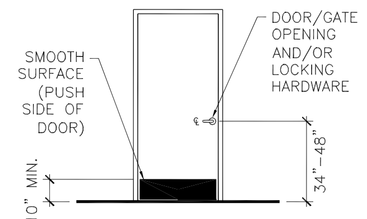
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ELEVATION

NOTES:
1. CHARACTERS SHALL BE 48 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE, MEASURED TO THE BASELINE OF THE CHARACTERS.
2. WHERE A SIGN CONTAINING TACTILE CHARACTERS IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR ON THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT-HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL HAVE AN 18" MIN. BY 18" MIN. SPACE ON THE FLOOR, CENTERED ON THE SIGN, BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.
3. DOOR-MOUNTED SIGNS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
4. REFER TO SECTION 703 OF THE ADA STANDARDS FOR REQUIREMENTS OF TACTILE CHARACTERS, VISUAL CHARACTERS, AND PICTOGRAMS.

ACCESSIBLE ROOM IDENTIFICATION SIGNAGE
1/4"=1'-0"

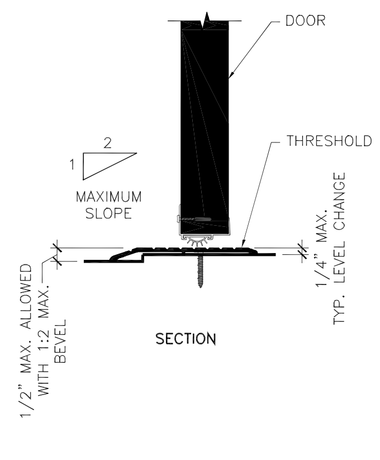


ELEVATION

NOTES:
1. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRIP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.
2. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MINIMUM.
3. DOOR SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MINIMUM, MEASURED UNDER AMBIENT CONDITIONS.
4. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWED BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE MAXIMUM FORCE FOR PUSHING OPEN OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:
   1) INTERIOR HINGED DOOR: 5.0 POUNDS.
   2) SLIDING OR FOLDING DOOR: 5.0 POUNDS.

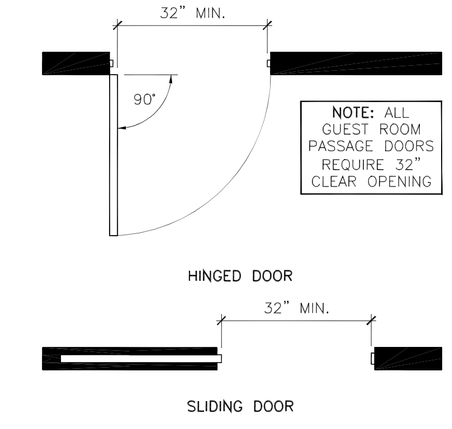
   THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.
5. DOOR SURFACES WITHIN 10 INCHES OF THE FLOOR OR GROUND MEASURED VERTICALLY SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN SUCH SURFACE SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED.

ACCESSIBLE DOOR / GATE HARDWARE
1/4"=1'-0"



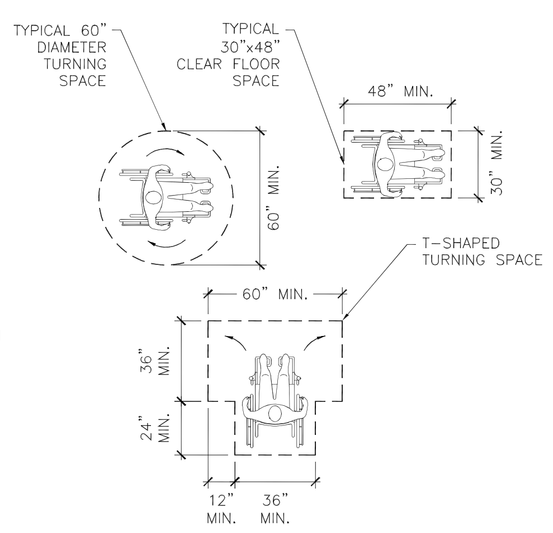
SECTION

ACCESSIBLE DOOR THRESHOLD
N.T.S.



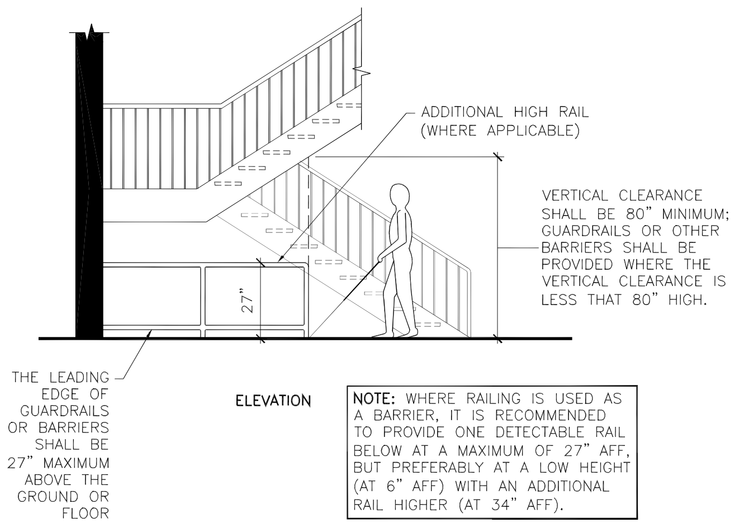
NOTES:
1. OPENINGS MORE THAN 24" DEEP SHALL PROVIDE A CLEAR OPENING OF 36" MINIMUM.
2. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34" ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 80" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4".

ACCESSIBLE CLEAR OPENING
1/2"=1'-0"



NOTES:
1. THE FLOOR OR GROUND SURFACE WITHIN THE REQUIRED MANEUVERING CLEARANCES OR CLEAR FLOOR SPACE SHALL SLOPE NO MORE THAN 1:48 (2%) AND CHANGES IN LEVEL WITHIN THIS AREA ARE NOT PERMITTED.
2. WHERE TURNING SPACE IS REQUIRED, THE CIRCLE OR THE T-SHAPED SPACE MAY BE USED.

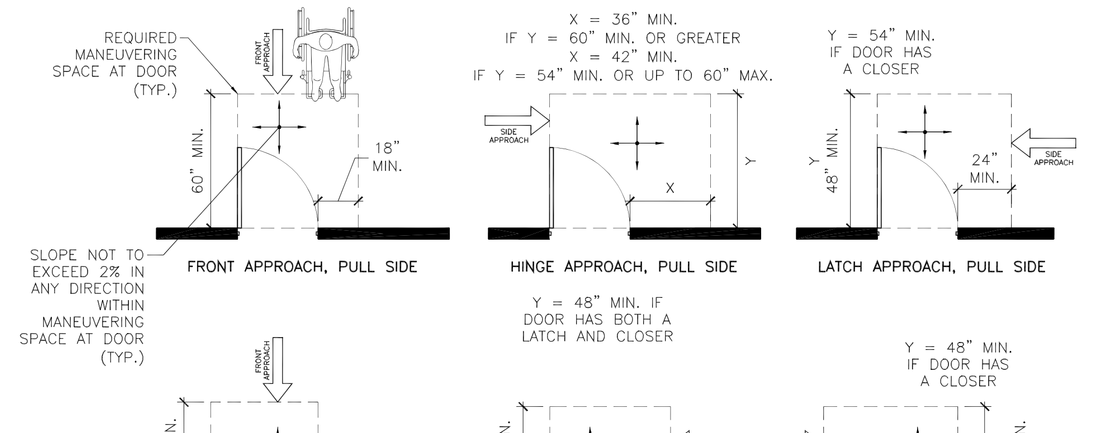
CLEAR FLOOR TURNING SPACE
1/4"=1'-0"



ELEVATION

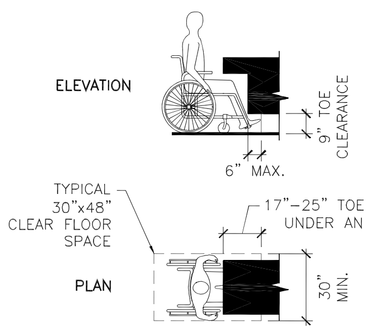
NOTE: WHERE RAILING IS USED AS A BARRIER, IT IS RECOMMENDED TO PROVIDE ONE DETECTABLE RAIL BELOW AT A MAXIMUM OF 27" AFF, BUT PREFERABLY AT A LOW HEIGHT (AT 6" AFF) WITH AN ADDITIONAL RAIL HIGHER (AT 34" AFF).

VERTICAL CLEARANCE DIAGRAM
1/4"=1'-0"



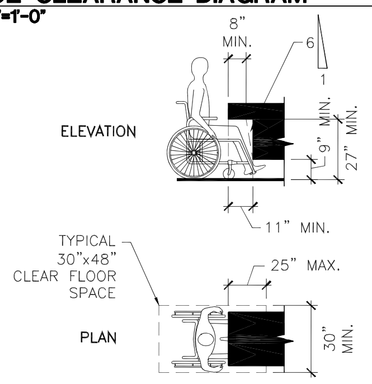
NOTES:
1. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18" OF THE LATCH SIDE OF A DOORWAY PROJECTS MORE THAN 8" BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE. REFER TO DETAIL 4/2.0.
2. THE FLOOR OR GROUND SURFACE WITHIN THE REQUIRED MANEUVERING CLEARANCES SHALL SLOPE NO MORE THAN 1:48 (2%) AND CHANGES IN LEVEL WITHIN THIS AREA ARE NOT PERMITTED.

ACCESSIBLE DOOR / GATE MANEUVERING CLEARANCES
1/4"=1'-0"



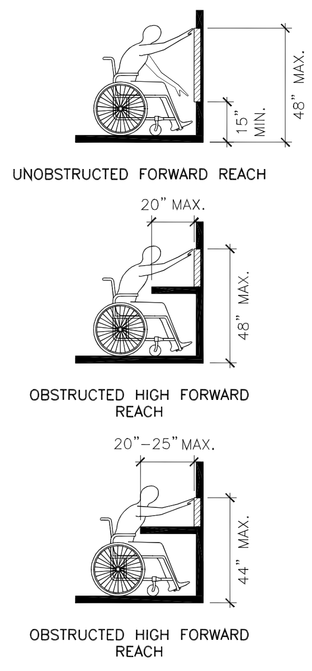
NOTES:
1. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9" ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
2. TOE CLEARANCE SHALL EXTEND 25" MAX. UNDER AN ELEMENT.
3. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF THE CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17" MIN. UNDER THE ELEMENT.
4. TOE CLEARANCE SHALL BE 30" WIDE MINIMUM.

TOE CLEARANCE DIAGRAM
1/4"=1'-0"



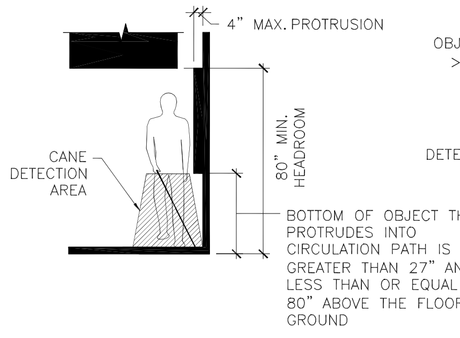
NOTES:
1. SPACE UNDER AN ELEMENT BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR SHALL BE CONSIDERED KNEE CLEARANCE.
2. KNEE CLEARANCE SHALL EXTEND 25" MAX. UNDER AN ELEMENT AT 9" ABOVE THE FINISH FLOOR OR GROUND.
3. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11" DEEP MIN. AT 9" ABOVE THE FLOOR OR GROUND, AND 8" DEEP MIN. AT 27" ABOVE THE FINISH FLOOR OR GROUND.
4. BETWEEN 9" AND 27" ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1" IN DEPTH FOR EVERY 6" IN HEIGHT.

KNEE CLEARANCE DIAGRAM
1/4"=1'-0"



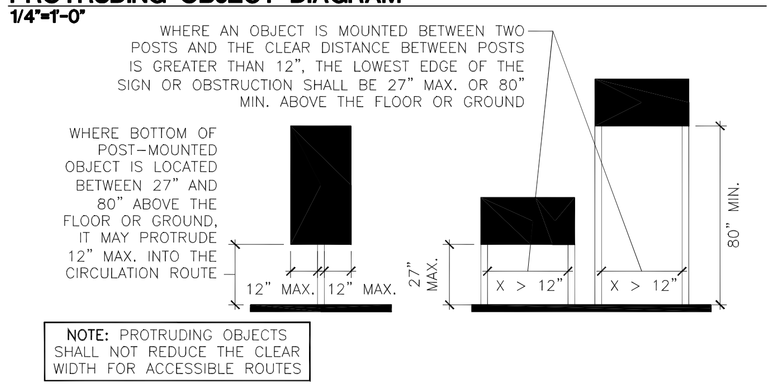
NOTES:
1. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48" MAX. AND THE LOW FORWARD REACH SHALL BE 15" MIN. ABOVE THE FINISH FLOOR OR GROUND.
2. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48" MAX. WHERE THE REACH DEPTH IS 20" MAX. WHERE THE REACH DEPTH EXCEEDS 20", THE HIGH FORWARD REACH SHALL BE 44" MAX. AND THE REACH DEPTH SHALL BE 25" MAX.

FORWARD REACH DIAGRAM
N.T.S.



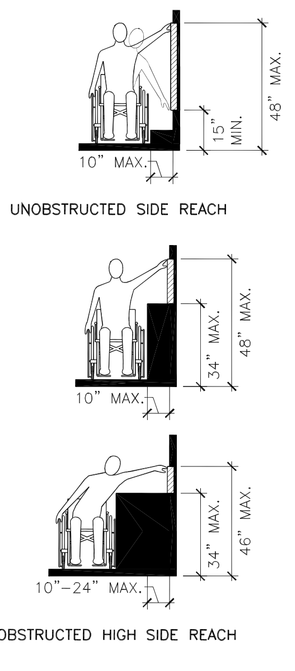
NOTE: PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH FOR ACCESSIBLE ROUTES

PROTRUDING OBJECT DIAGRAM
1/4"=1'-0"



NOTE: PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH FOR ACCESSIBLE ROUTES

POST-MOUNTED PROTRUDING OBJECT DIAGRAM
1/4"=1'-0"



NOTES:
1. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48" MAX. AND THE LOW SIDE REACH SHALL BE 15" MIN. ABOVE THE FINISH FLOOR OR GROUND.
2. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34" MAX. AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24" MAX. THE HIGH SIDE REACH SHALL BE 48" MAX. FOR A REACH DEPTH OF 10" MAX. WHERE THE REACH RANGE EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" MAX. FOR A REACH DEPTH OF 24" MAX.

SIDE REACH DIAGRAM
N.T.S.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
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Lake City, FL 32055
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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
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	90% SET	11.20.2018

DRAWING NAME

ADA NOTES

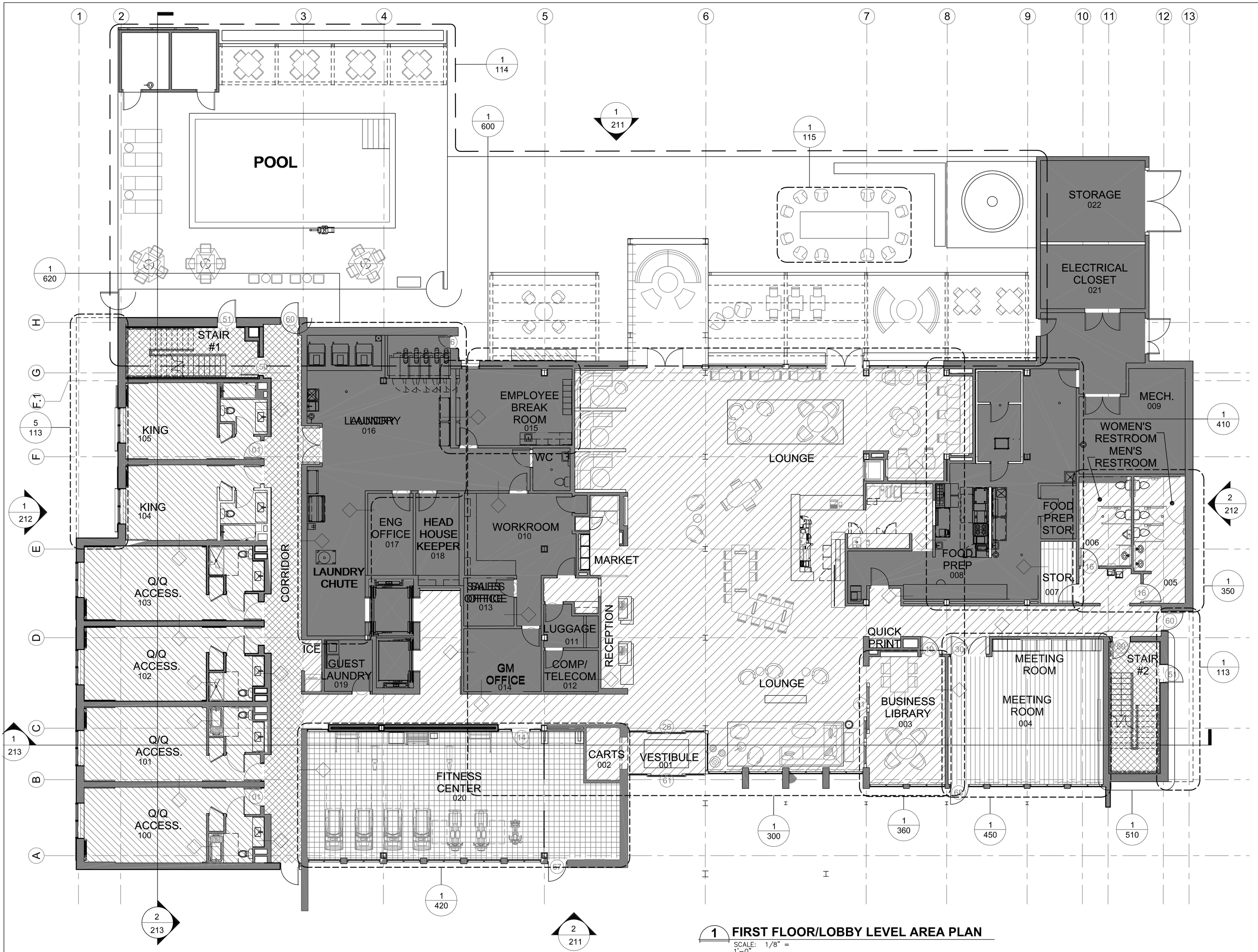
PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-012
	PAGE NUMBER 12

FLORIDA REG.: AR0007005

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1 FIRST FLOOR/LOBBY LEVEL AREA PLAN

SCALE: 1/8" = 1'-0"

AREA LEGEND

- Lobby Areas
- Guestrooms
- Guest Support
- Meeting Spaces
- Guest Corridors
- Recreation Facilities
- BOH

PROTOTYPE FACILITIES PROGRAM

GENERAL NOTES

1. GUESTROOM MIX: PERCENTAGE OF GUESTROOMS AND SUITES MAY VARY BASED ON SPECIFIC MARKET CONDITIONS. MAINTAIN THE PROTOTYPE PERCENTAGE MINIMUM MIX.

2. SHOWERS: SEE DESIGN STANDARDS, "GUESTROOMS" CHAPTER FOR KING AND QUEEN/QUEEN GUESTROOM SHOWER PERCENTAGES.

3. ACCESSIBLE GUESTROOMS & SUITES: COMPLY WITH GOVERNING REGULATIONS FOR PERCENTAGE AND DISTRIBUTION OF GUESTROOMS FOR DISABLED PERSONS TO INCLUDE HEARING IMPAIRED GUESTROOMS, AND QUANTITY OF ACCESSIBLE GUESTROOMS WITH ROLL-IN SHOWER AND TUBS CONFIGURED FOR DISABLED PERSONS.

4. CONNECTING DOORS: COMPLY WITH ALL GOVERNING REGULATIONS, PROVIDE CONNECTING DOORS IN ACCESSIBLE GUESTROOMS TO ADJACENT NON-ACCESSIBLE GUESTROOM OR SUITE TYPES. SEE DESIGN STANDARDS FOR MARKET AND BRAND STANDARD CONNECTING DOOR CRITERIA.

GUEST SPACES	QUANTITY	REQUIRED PERCENTAGE	UNIT AREA	TOTAL NET SF
LOBBY AREAS - BUSINESS CENTER				
LOBBY				
CIRCULATION				1565
ENTRANCE VESTIBULE				92
LOUNGE				1127
RECEPTION				106
Go BOARD				3
MEDIA PODS				182
QUICK PRINT				10
PUBLIC RESTROOMS				287
CART STORAGE				54
BUSINESS LIBRARY				280
TOTAL LOBBY AREAS				3726
FOOD & BEVERAGE				
FOOD & BEVERAGE FRONT-OF-HOUSE				
BISTRO/ BAR				254
GRAB N GO				18
TOTAL F&B FRONT-OF-HOUSE				274
RECREATION FACILITIES				
RECREATION FACILITIES				
FITNESS CENTER				1107
TOTAL RECREATION FACILITIES				1107
RETAIL				
RETAIL				
THE MARKET				94
RETAIL				94
MEETING SPACES				
MEETING SPACES				
MEETING ROOM				636
MEETING ROOM STORAGE				63
MEETING SPACES				699
GUESTROOMS				
GUESTROOMS				
STANDARD KING	102	KING 70-75	304	31008
KING MOD	10	%	298	2980
STANDARD QUEEN/QUEEN		QQ 25-30		
* ACCESSIBLE QUEEN/QUEEN	24	%	396	9504
KING SUITE		SUITE 3-5%		
INLINE QUEEN/QUEEN SUITE				
* INLINE QQ SUITE ACCESSIBLE				
TOTAL GUESTROOMS	136			43492
GUESTROOM CORRIDORS & SUPPORT				
GUESTROOM CORRIDORS & SUPPORT				
CORRIDORS/ ELEVATOR LOBBY				7843
STAIR				1910
GUESTROOM SUPPORT				
GUEST LAUNDRY				52
ICE MACHINE				286
TOTAL GUESTROOM CORRIDORS & SUPPORT				10091
TOTAL GUEST SPACES				50919
BACK OF HOUSE				
ADMINISTRATION				
GM OFFICE	1			196
LUGGAGE	1			59
SALES OFFICE	1			123
WORK AREA	1			424
				802
EMPLOYEE AREAS				
BREAKROOM	1			238
EMPLOYEE RESTROOMS	2			92
				330
ENGINEERING & MAINTENANCE OFFICE				
ENGINEER MAINTENANCE OFFICE	1			267
				267
FOOD & BEVERAGE BACK-OF-HOUSE				
FOOD PREP	1			799
FOOD PREP STORAGE	1			54
				853
LAUNDRY				
LAUNDRY ROOM	1			682
				682
HOUSEKEEPING				
LINEN	4			832
LINEN CHUTE TERMINATION				
STORAGE	4			508
				1412
ELEVATORS				
ELEVATORS				885
				885
PROPERTY TECHNOLOGY				
COMPUTER/ TELECOM	1			65
				65
MECHANICAL, PLUMBING & ELECTRICAL				
ELECTRICAL	4			260
MECHANICAL	2			621
				881
TOTAL BACK OF HOUSE				6177

SUMMARY	QUANTITY	REQUIRED PERCENTAGE	UNIT SF	TOTAL SF
Total Number of Guestroom Room Floors	6+(26x5)			
Total Number of Floors	6			
Guest Spaces				50919SF
Back Of House				6177 SF
Total Net Building Area				57096 SF
Walls and Shafts				8154 SF
Total Gross Building Area				65250 SF
Total Gross Square Feet per Room				599 SF

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

1ST FL AREA PLAN

PROJECT NAME

COURTYARD INN,® Lake City, Florida

SEAL+SIGNATURE

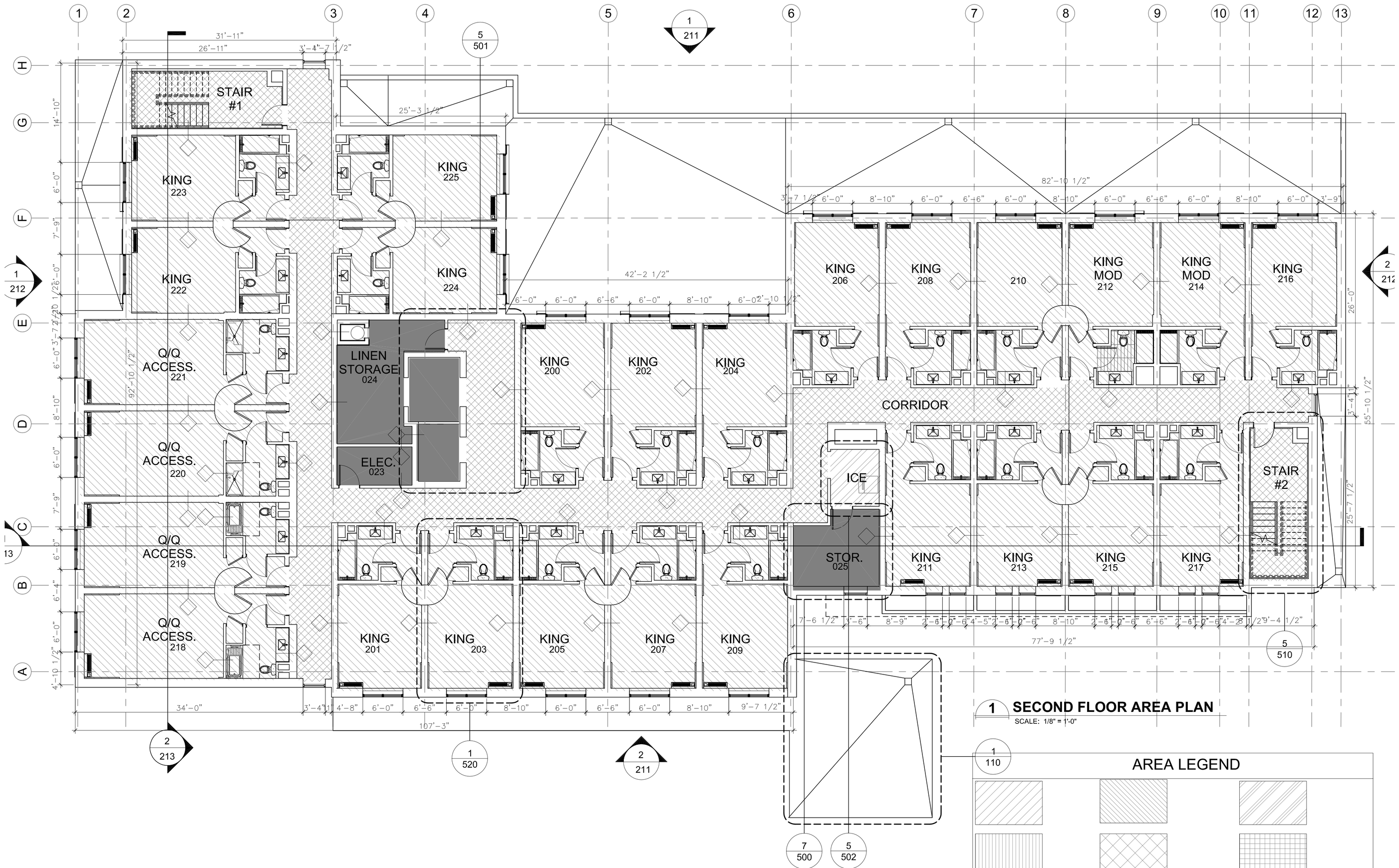
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A-013

PAGE NUMBER 13

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1 **SECOND FLOOR AREA PLAN**
SCALE: 1/8" = 1'-0"

1 110

AREA LEGEND

PROTOTYPE FACILITIES PROGRAM

GENERAL NOTES

1. GUESTROOM MIX: PERCENTAGE OF GUESTROOMS AND SUITES MAY VARY BASED ON SPECIFIC MARKET CONDITIONS. MAINTAIN THE PROTOTYPE PERCENTAGE MINIMUM MIX.

2. SHOWERS: SEE DESIGN STANDARDS, "GUESTROOMS" CHAPTER FOR KING AND QUEEN/QUEEN GUESTROOM SHOWER PERCENTAGES.

3. ACCESSIBLE GUESTROOMS & SUITES: COMPLY WITH GOVERNING REGULATIONS FOR PERCENTAGE AND DISTRIBUTION OF GUESTROOMS FOR DISABLED PERSONS TO INCLUDE HEARING IMPAIRED GUESTROOMS, AND QUANTITY OF ACCESSIBLE GUESTROOMS WITH ROLL-IN SHOWER AND TUBS CONFIGURED FOR DISABLED PERSONS.

4. CONNECTING DOORS: COMPLY WITH ALL GOVERNING REGULATIONS, PROVDE CONNECTING DOORS IN ACCESSIBLE GUESTROOMS TO ADJACENT NON-ACCESSIBLE GUESTROOM OR SUITE TYPES. SEE DESIGN STANDARDS FOR MARKET AND BRAND STANDARD CONNECTING DOOR CRITERIA.

	GUEST SPACES	QUANTITY	REQUIRED PERCENTAGE		UNIT AREA	TOTAL NET SF
LOBBY AREAS - BUSINESS CENTER	LOBBY					
	CIRCULATION					1565
	ENTRANCE VESTIBULE					92
	LOUNGE					1127
	RECEPTION					106
	Go BOARD					3
	MEDIA PODS					182
	QUICK PRINT					10
	PUBLIC RESTROOMS					287
	CART STORAGE					54
	BUSINESS LIBRARY					280
	TOTAL LOBBY AREAS					3726
FOOD & BEVERAGE	FOOD & BEVERAGE FRONT-OF-HOUSE					
	BISTRO/ BAR					254
	GRAB N GO					18
	TOTAL F&B FRONT-OF-HOUSE					274
RECREATION FACILITIES	RECREATION FACILITIES					
	FITNESS CENTER					1107
	TOTAL RECREATION FACILITIES					1107
RETAIL	RETAIL					
	THE MARKET					94
	RETAIL					94
MEETING SPACES	MEETING SPACES					
	MEETING SPACES					636
	MEETING ROOM STORAGE					63
	MEETING SPACES					699
GUESTROOMS	GUESTROOMS					
	STANDARD KING	81	KING 70-75		304	24624
	KING MOD	8	%		298	2384
	STANDARD QUEEN/QUEEN		QQ 25-30			
	*	20	%		396	7920
	KING SUITE		SUITE 3-5%			
	*					
	TOTAL GUESTROOMS	136				34928
GUESTROOM CORRIDORS & SUPPORT	GUESTROOM CORRIDORS & SUPPORT					
						7843
	STAIR					1910
	GUESTROOM SUPPORT					
	GUEST LAUNDRY					52
	ICE MACHINE					286
	TOTAL GUESTROOM CORRIDORS & SUPPORT					10091
	TOTAL GUEST SPACES					50919
BACK OF HOUSE	BACK OF HOUSE					
	ADMINISTRATION					
	GM OFFICE	1				196
	LUGGAGE	1				59
	SALES OFFICE	1				123
	WORK AREA	1				424
						802
	EMPLOYEE AREAS					
	BREAKROOM	1				238
	EMPLOYEE RESTROOMS	2				92
						330
	ENGINEERING & MAINTENANCE OFFICE					
	ENGINEER MAINTENANCE OFFICE	1				267
						267
	FOOD & BEVERAGE BACK-OF-HOUSE					
	FOOD PREP	1				799
	FOOD PREP STORAGE	1				54
						853
	LAUNDRY					
	LAUNDRY ROOM	1				682
						682
	HOUSEKEEPING					
	LINEN	4				832
	LINEN CHUTE TERMINATION					
	STORAGE	4				508
						1412
	ELEVATORS					
	ELEVATORS					885
						885
	PROPERTY TECHNOLOGY					
	COMPUTER/ TELECOM	1				65
						65
	MECHANICAL, PLUMBING & ELECTRICAL					
	ELECTRICAL	4				260
	MECHANICAL	2				621
						881
	TOTAL BACK OF HOUSE SPACES					6177

SUMMARY	QUANTITY	REQUIRED PERCENTAGE	UNIT SF	TOTAL SF
	6+(26x5)			
Total Number of Floors	6			
Guest Spaces				61103 SF
Back Of House				6177 SF
Total Net Building Area				74966 SF
Walls and Shafts				9785 SF
Total Gross Building Area				84751 SF
Total Gross Square Feet per Room				623 SF

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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DRAWING NAME

2ND FL AREA PLAN

PROJECT NAME

COURTYARD INN,® Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
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1 THIRD - SIXTH FLOOR AREA PLAN

SCALE: 1/8" = 1'-0"

AREA LEGEND

PROTOTYPE FACILITIES PROGRAM

GENERAL NOTES

LOBBY AREAS - BUSINESS CENTER				
GUEST SPACES				
LOBBY				
CIRCULATION				1565
ENTRANCE VESTIBULE				92
LOUNGE				1127
RECEPTION				106
Go BOARD				3
MEDIA PODS				182
QUICK PRINT				10
PUBLIC RESTROOMS				287
CART STORAGE				54
BUSINESS LIBRARY				280
TOTAL LOBBY AREAS				3726
RECREATION FACILITIES & FOOD & BEVERAGE FRONT-OF-HOUSE				
FOOD & BEVERAGE FRONT-OF-HOUSE				
BISTRO/ BAR				254
GRAB N GO				18
TOTAL F&B FRONT-OF-HOUSE				274
RECREATION FACILITIES				
FITNESS CENTER				1107
TOTAL RECREATION FACILITIES				1107
RETAIL				
RETAIL				
THE MARKET				94
RETAIL				94
MEETING ROOMS				
MEETING SPACES				
MEETING ROOM				636
MEETING ROOM STORAGE				63
MEETING SPACES				699
GUESTROOMS				
GUESTROOMS				
STANDARD KING	102	KING 70-75%	304	31008
KING MOD	10		298	2980
		QQ 25-30%		
*	24		396	9504
KING SUITE		SUITE 3-5%		
*				
TOTAL GUESTROOMS	136			43492
GUESTROOM CORRIDORS & SUPPORT				
GUESTROOM CORRIDORS & SUPPORT				
				9412
STAIR				2292
GUESTROOM SUPPORT				
GUEST LAUNDRY				52
ICE MACHINE				343
TOTAL GUESTROOM CORRIDORS & SUPPORT				12099
TOTAL GUEST				55591
BACK OF HOUSE				
BACK OF HOUSE				
ADMINISTRATION				
GM OFFICE	1			196
LUGGAGE	1			59
SALES OFFICE	1			123
WORK AREA	1			424
				802
EMPLOYEE AREAS				
BREAKROOM	1			238
EMPLOYEE RESTROOMS	2			92
				330
ENGINEERING & MAINTENANCE OFFICE				
ENGINEER MAINTENANCE OFFICE	1			267
				267
FOOD & BEVERAGE BACK-OF-HOUSE				
FOOD PREP	1			799
FOOD PREP STORAGE	1			54
				853
LAUNDRY				
LAUNDRY ROOM	1			682
				682
HOUSEKEEPING				
LINEN	4			832
LINEN CHUTE TERMINATION				
STORAGE	4			508
				1412
ELEVATORS				
ELEVATORS				885
				885
PROPERTY TECHNOLOGY				
COMPUTER/ TELECOM	1			65
				65
MECHANICAL, PLUMBING & ELECTRICAL				
ELECTRICAL	4			260
MECHANICAL	2			621
				881
TOTAL BACK OF HOUSE				6177

SUMMARIES	QUANTITY	REQUIRED PERCENTAGE	UNIT SF	TOTAL SF
	6+(26x5)			
Total Number of Floors	6			
Guest Spaces				61103 SF
Back Of House				6177 SF
Total Net Building Area				74966 SF
Walls and Shafts				9785 SF
Total Gross Building Area				84751 SF
Total Gross Square Feet per Room				623 SF

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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LAKE CITY, FL 32055

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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DRAWING NAME

3RD - 6TH FL AREA PLAN

PROJECT NAME

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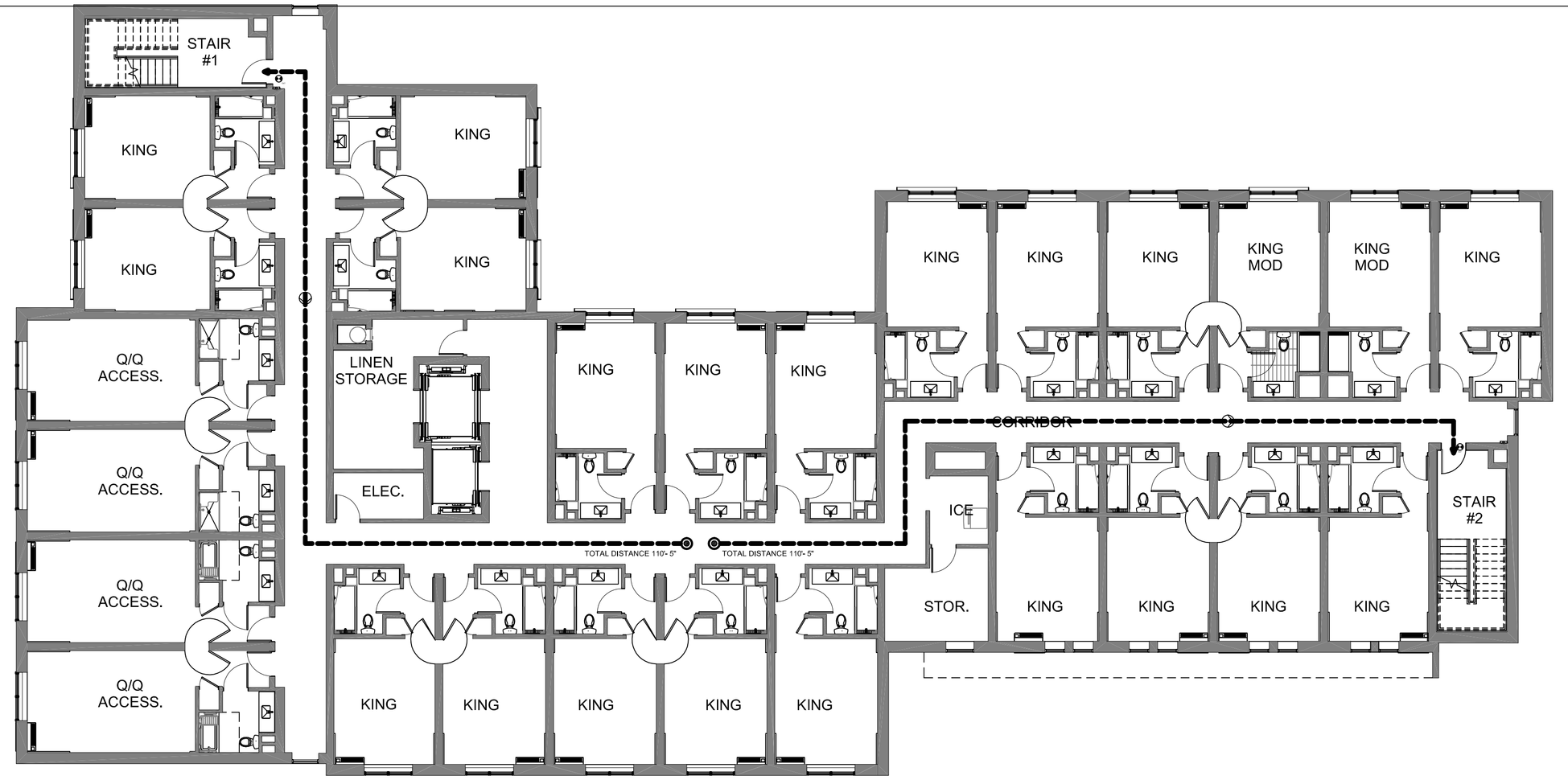
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A-015

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STAIR #1
KING
KING
KING

BUILDING LIMITATIONS		
AS PER FBC SECTIONS 1016		
		ALLOWED
MAX.TRAVEL DISTANCE TO EXIT ACCESS (W/SPRINKLER)		200 FT
MAX.COMMON PATH OF TRAVEL (W/SPRINKLER), FBC 1014.3		50 FT
ALL TRAVEL DISTANCES SHOWN ARE LESS THAN MAX.		



1 **THIRD TO SIXTH FLOOR LIFE SAFETY PLAN**
SCALE: 1/8" = 1'-0"

LIFE SAFETY LEGEND

- EGRESS TRAVEL PATH
- EXT — ILLUMINATED EXIT SIGN
- EGRESS TRAVEL DIRECTION
- POINT OF BEGINNING
- FEC — FIRE EXTINGUISHER CABINET

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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MEP ENGINEER

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17047 EL CAMINO REAL, SUITE 211,
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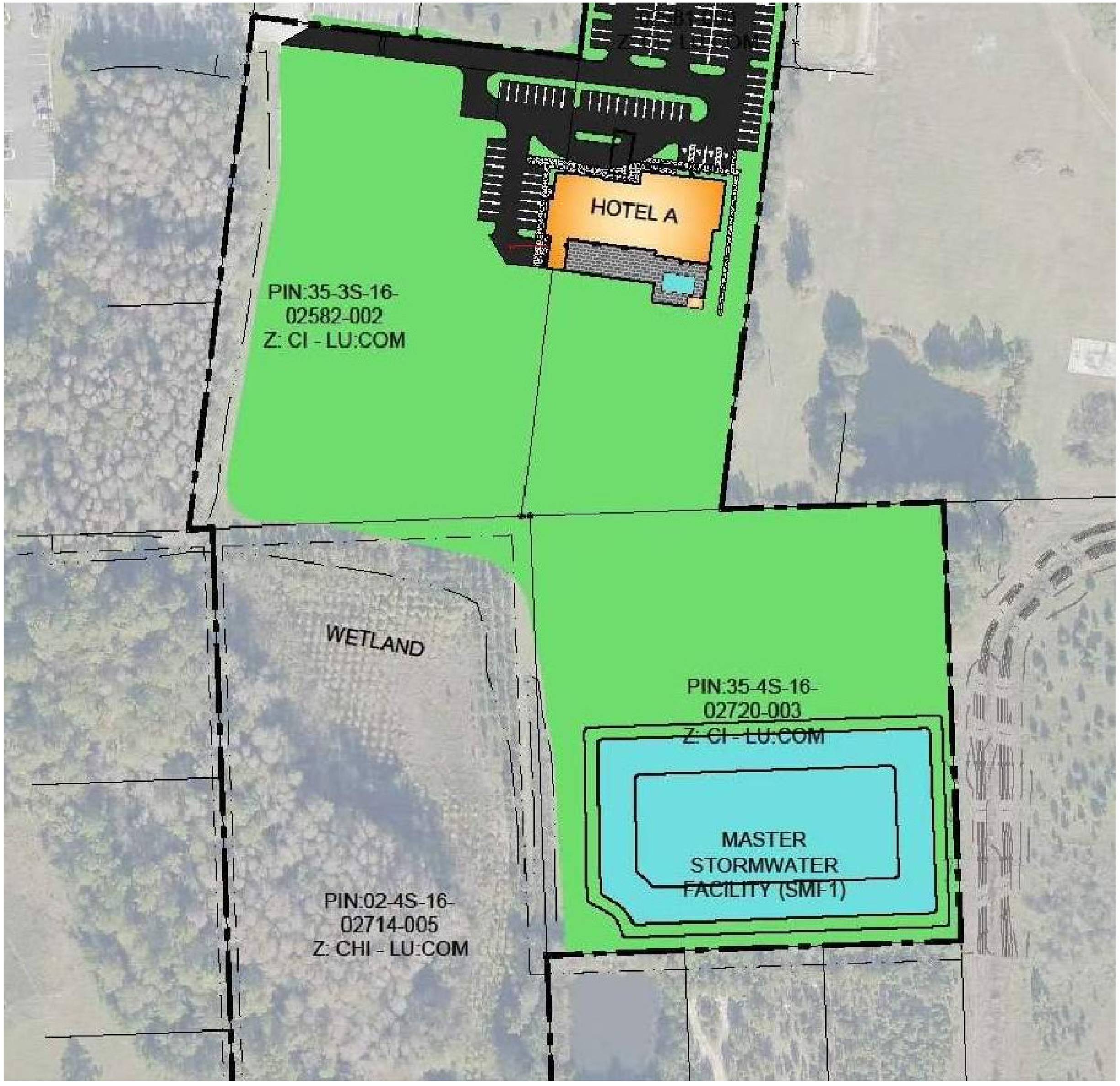
DRAWING NAME

LIFE SAFETY PLANS

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

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1 **SITE PLAN**
SCALE: 1/16" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "SITE & BUILDING EXTERIOR" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

E0 ENGINEERING

E11 PROVIDE UNDERGROUND ELECTRICAL CONDUIT (NOT WIRED) FOR THE ABILITY TO ADD ELECTRIC CAR (PPV) CHARGING STATIONS FOR A MINIMUM OF 3% OF THE TOTAL PARKING COUNT. EXACT LOCATIONS TO BE DETERMINED BY OWNER/ARCHITECT. MAINTAIN ACCESSIBLE WIDTH REQUIREMENT OF ADJACENT SIDEWALK. PROVIDE PIPE BOLLARD TO PROTECT CHARGING STATION. PROVIDE SIGN STATING "ELECTRIC VEHICLE PARKING AND CHARGING STATION". COORDINATE ALL REQUIREMENTS WITH CHARGING STATION MANUFACTURER. INSTALL 1 - 4" CONDUIT TO THE NEAREST ELECTRICAL ROOM AND 1 - 2" CONDUIT TO THE NEAREST IDF CLOSET FROM THE LOCATION WHERE THE ELECTRIC CAR CHARGERS ARE PROPOSED TO BE INSTALLED NOW OR IN THE FUTURE.

E15 SITE LIGHTING POLES CENTERED ON PARKING STRIPES TO PROTECT FROM CAR OVERHANG DAMAGE

E59 POSITION UTILITIES OUT OF VIEW OF GUESTS

L0 LANDSCAPING

L1 POSITION EXTERIOR SITE LIGHT FIXTURES TO ILLUMINATE PLANT MATERIAL.

L2 CONCRETE PAVING ON GRANULAR FILL

L3 CONCRETE PAVING ON GRANULAR FILL (AT ROOMS WITH OPTIONAL SLIDING DOOR).

L4 SERVICE DRIVE AND DUMPSTER ENCLOSURE- SCREEN WITH LARGE EVERGREEN SHRUBS. DO NOT BLOCK OVERHEAD FUNCTIONING OF TRUCKS

L5 COLORED / IMPRINTED CONCRETE - REFER TO EXTERIOR FINISH INDEX AND SPECIFICATIONS

L11 SEASONAL COLOR ACCENTING ENTRANCE

L12 PLANT MATERIAL ACCENTING MONUMENT SIGNAGE

L13 LOW PLANTING FOR MAXIMUM TRAFFIC VISIBILITY AND SAFETY

L14 EVERGREEN ACCENTS TO ANCHOR CORNERS

L15 REGIONALLY BASED XERISCAPE OPTION

L16 BIORETENTION AREA TO OFFSET STORM WATER MANAGEMENT REQUIREMENTS

C0 CIVIL

C2 QUANTITY OF PARKING SPACES TO BE IN ACCORDANCE WITH DESIGN STANDARDS AND LOCAL CODES.

C3 SLOPE ENTRANCE DRIVEWAY AT PORTE COCHERE TO BRING PAVEMENT FLUSH WITH DROPPED CURB AND PROVIDE TRUNCATED DOME TACTILE WARNING AT FLUSH CURB CONDITION

C4 6" DIAMETER STEEL BOLLARD, CONCRETE FILLED

HARDSCAPE LEGEND

- STAINED/ IMPRINTED CONCRETE (C1)
- STAINED/ IMPRINTED CONCRETE (C2)
- STAMPED/ IMPRINTED CONCRETE (C3)
- STANDARD CONCRETE (C4)
- 18X36 INTERIOR/EXTERIOR TILE (T1)

LANDSCAPE LEGEND

- ANNUALS / PERENNIALS
- GROUND COVER
- SMALL EVERGREEN SHRUB
- SOD
- LARGE SHADE TREE
- ORNAMENTAL/ MULTI- TRUNK TREE
- PYRAMIDAL EVERGREEN TREE
- SMALL EVERGREEN TREE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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MEP ENGINEER

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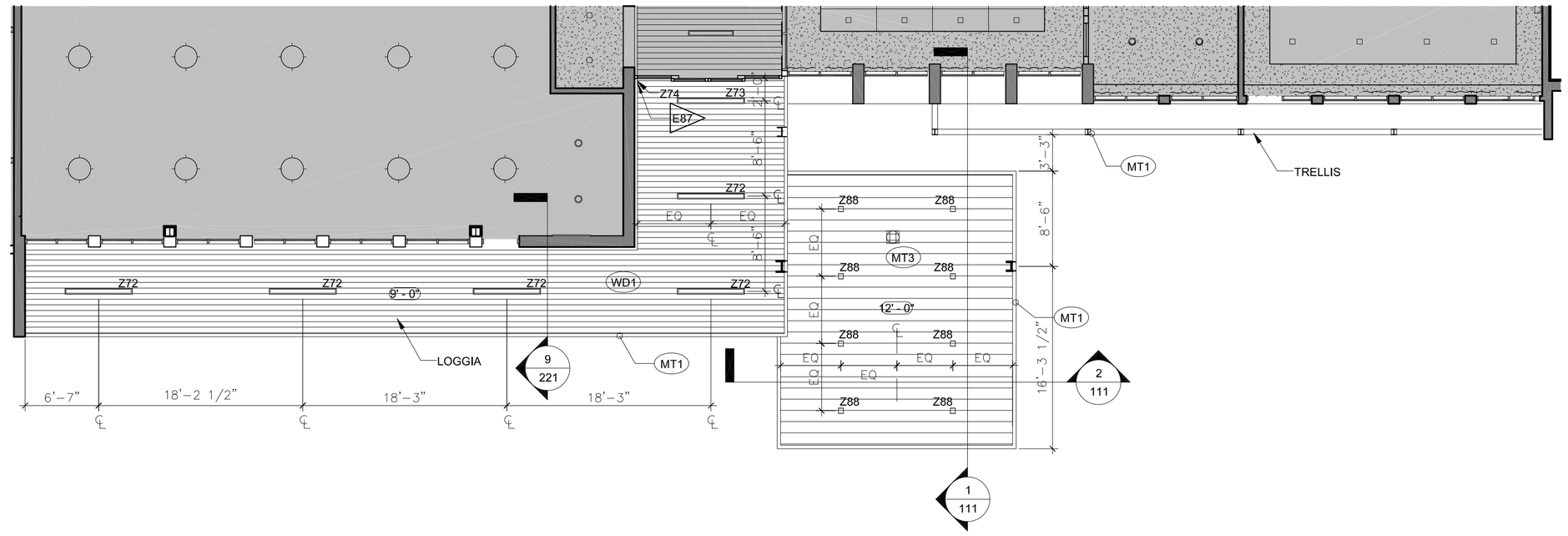
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SITE PLAN

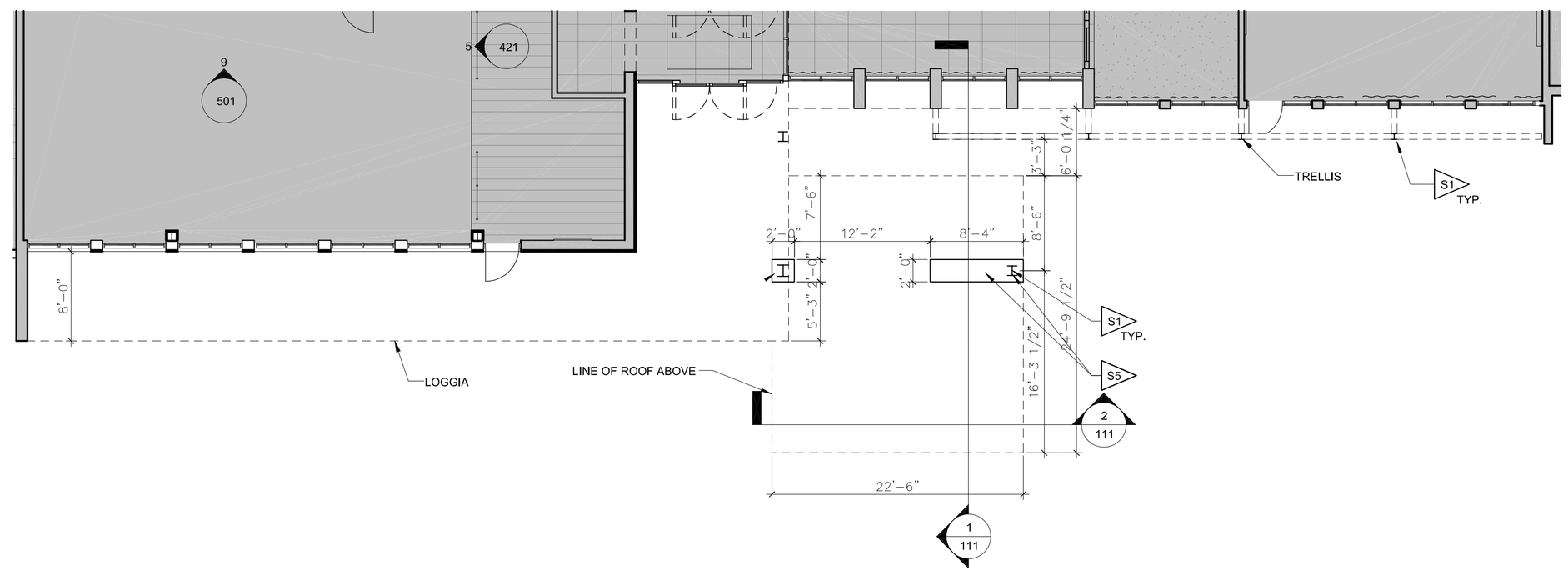
PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-100
	PAGE NUMBER 18
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



2 PORTE COCHERE RCP
SCALE: 1/8" = 1'-0"



1 PORTE COCHERE PLAN
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

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5. COORDINATE PORTE COCHERE DETAILS WITH ADJACENT SITE DETAILS. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
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A0 ARCHITECTURE:

A57 EXTEND DRAINS DOWN AT COLUMN LOCATIONS. DOWNSPOUTS TO TIE INTO SEWER SYSTEM PER DESIGN & CONSTRUCTION STANDARDS

S0 STRUCTURAL:

S1 METAL COLUMNS SHOWN. MODIFY AS REQUIRED PER STRUCTURAL ENGINEER. REFER TO EXTERIOR FINISH INDEX FOR PAINT FINISH SPECIFICATIONS

S2 COLUMN TO BE ENCAPSULATED IN CONCRETE FOR LOWER 24" MIN.

S5 COLUMN TO BE ENCAPSULATED IN CONCRETE FOR LOWER 24" MIN. EXTEND CONCRETE AS INDICATED ON PLAN TO CREATE BENCH

S6 COLUMN TO BE ENCAPSULATED IN CONCRETE FOR LOWER 24" MIN. EXTEND CONCRETE AS INDICATED ON PLAN TO ALIGN EDGES WITH PORTE COCHERE ROOF

E0 ENGINEERING:

E87 VERTICAL BUILDING LIGHT AT FRONT FACADE. REFER TO BUILDING ELEVATIONS FOR LOCATION OF LIGHT.

SYMBOLS

D DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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GAINESVILLE, FL32609

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DRAWING NAME

PORTE COCHERE/
ENTRY LOGGIA/
ENTRY TRELLIS - PLAN & RCP

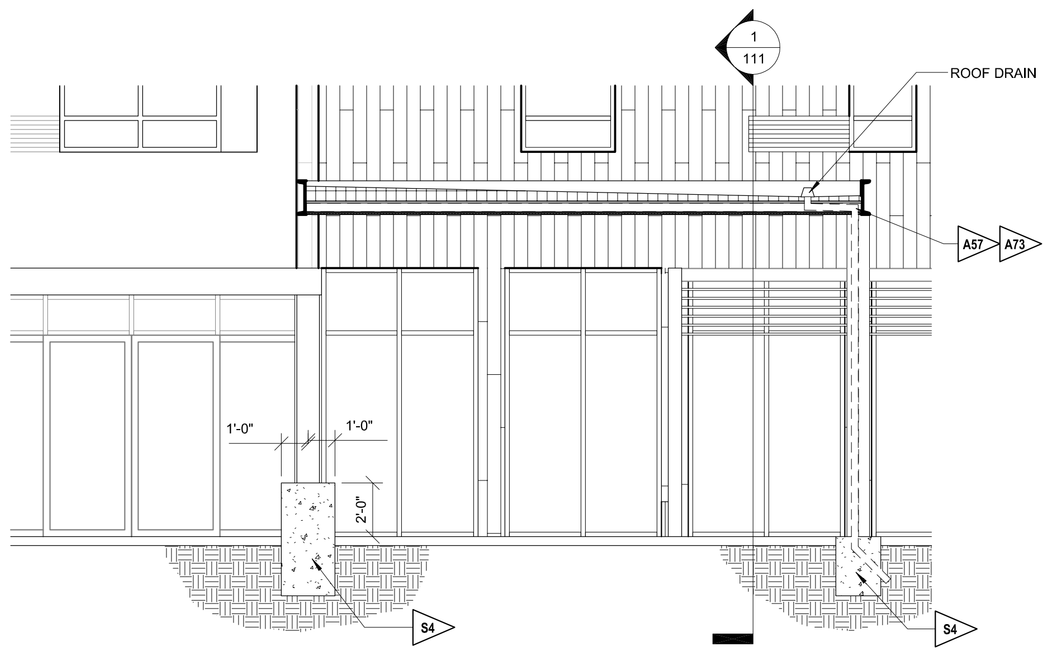
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COURTYARD INN,®
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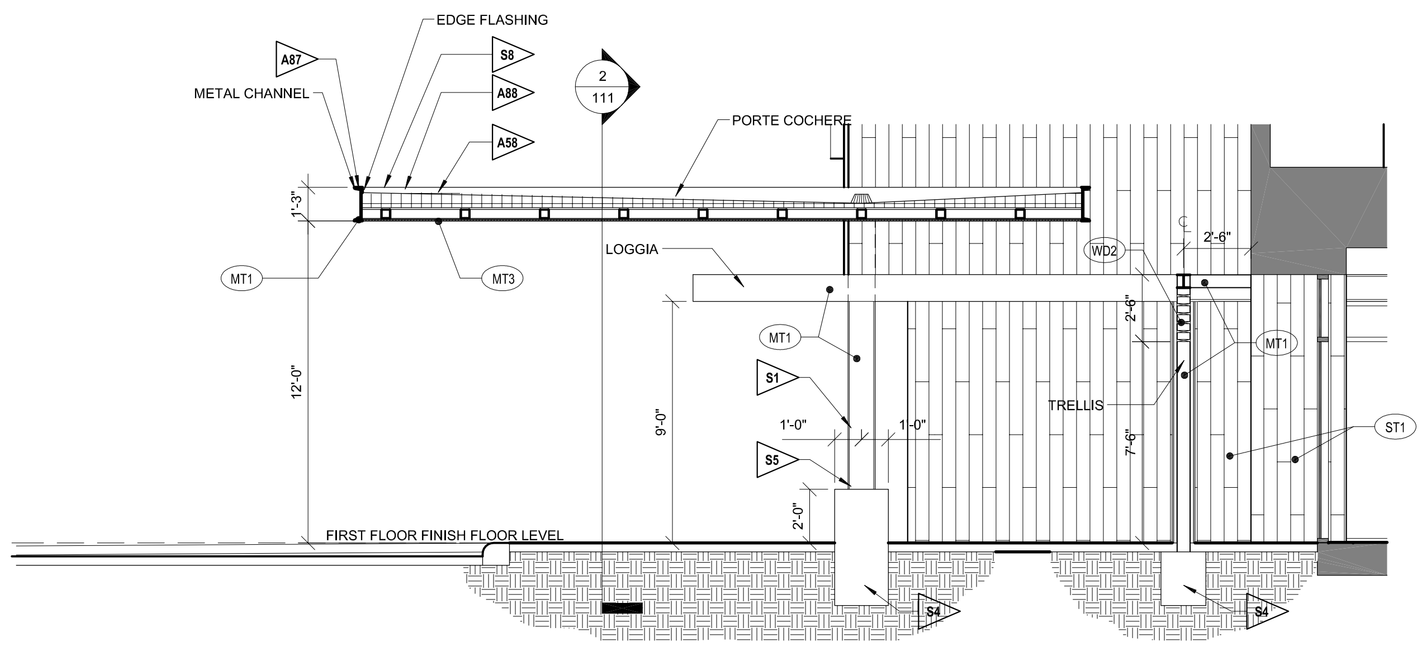
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2 PORTE COCHERE SECTION

SCALE: 1/4" = 1'-0" referenced from: 110



1 PORTE COCHERE SECTION

SCALE: 1/4" = 1'-0" referenced from: 110

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A0 ARCHITECTURE:

A57 EXTEND DRAINS DOWN AT COLUMN LOCATIONS. DOWNSPOUTS TO TIE INTO SEWER SYSTEM PER DESIGN & CONSTRUCTION STANDARDS

A58 SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATION SLOPED PER CODE. STARTING THICKNESS 1 1/2" AT DRAINS.

A73 ARCHITECT TO CONCEAL DOWNSPOUTS AND TIE IN

A87 ROOF EDGE METAL DETAIL - PROVIDE SUPPORT AND MEANS OF ATTACHMENT FOR THE EDGE METAL. SECURE PER CODE AND MANUFACTURER'S REQUIREMENTS HEIGHT OF METAL CHANNEL FASCIA MAY VARY BASED ON CODE REQUIRED INSULATION AND ROOF SLOPE. PROVIDE ADEQUATE FASCIA HEIGHT TO ACCOMMODATE EDGE FLASHING, ROOF INSULATION, AND PROVIDE ROOM FOR BUILD UP OF WATER/SNOW.

A88 SECONDARY ROOF DRAINAGE IS PROVIDED BY WATER SPILLING OVER THE ROOF EDGE.

S0 STRUCTURAL:

S1 METAL COLUMNS SHOWN. MODIFY AS REQUIRED PER STRUCTURAL ENGINEER. REFER TO EXTERIOR FINISH INDEX FOR PAINT FINISH SPECIFICATIONS

S4 CONCRETE FOOTINGS SHOWN. MODIFY AS REQUIRED FOR LOCAL CONDITIONS PER STRUCTURAL ENGINEER

S5 COLUMN TO BE ENCAPSULATED IN CONCRETE FOR LOWER 24" MIN. EXTEND CONCRETE AS INDICATED ON PLAN TO CREATE BENCH

S6 COLUMN TO BE ENCAPSULATED IN CONCRETE FOR LOWER 24" MIN. EXTEND CONCRETE AS INDICATED ON PLAN TO ALIGN EDGES WITH PORTE COCHERE ROOF

S8 STRUCTURAL DESIGN TO COMPLY TO MEET THE IMPOSED PONDING WATER LOAD.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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MORPHEUS GROUP
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CIVIL ENGINEER

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
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P: 407.677.5565
F: 407.730.2999
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DRAWING NAME

PORTE COCHERE/
ENTRY LOGGIA/
ENTRY TRELLIS - SECTIONS

PROJECT NAME

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Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021

PROJECT NUMBER 2K2101

DRAWING NUMBER

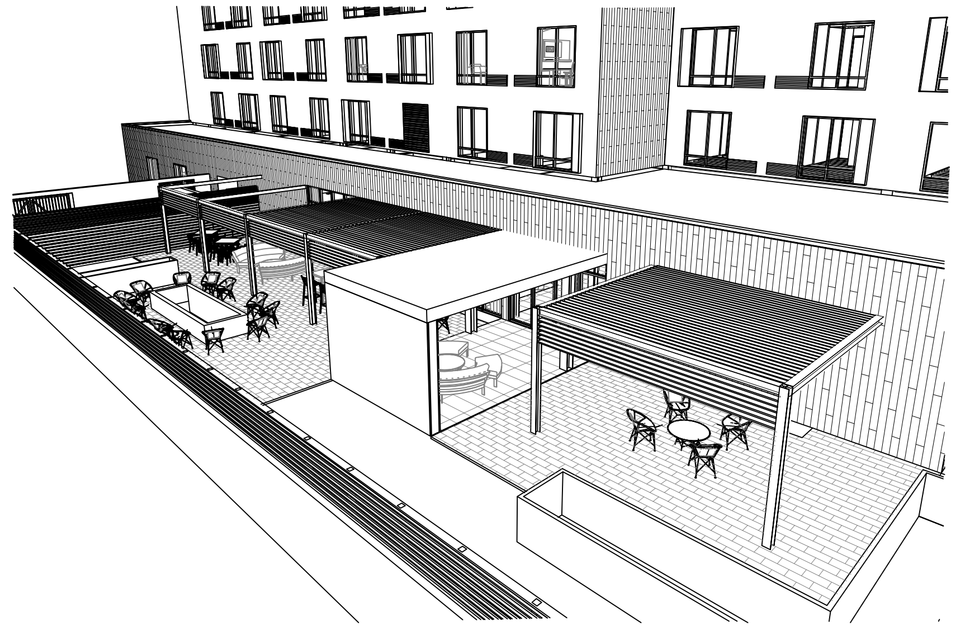
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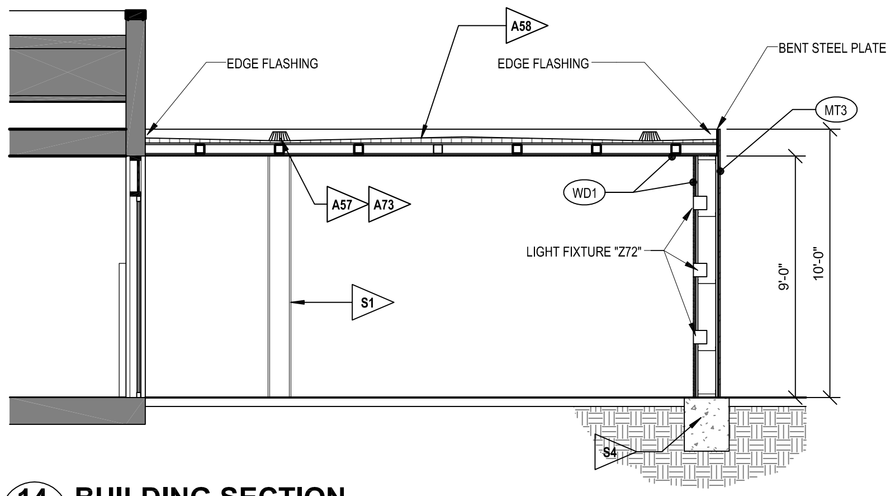
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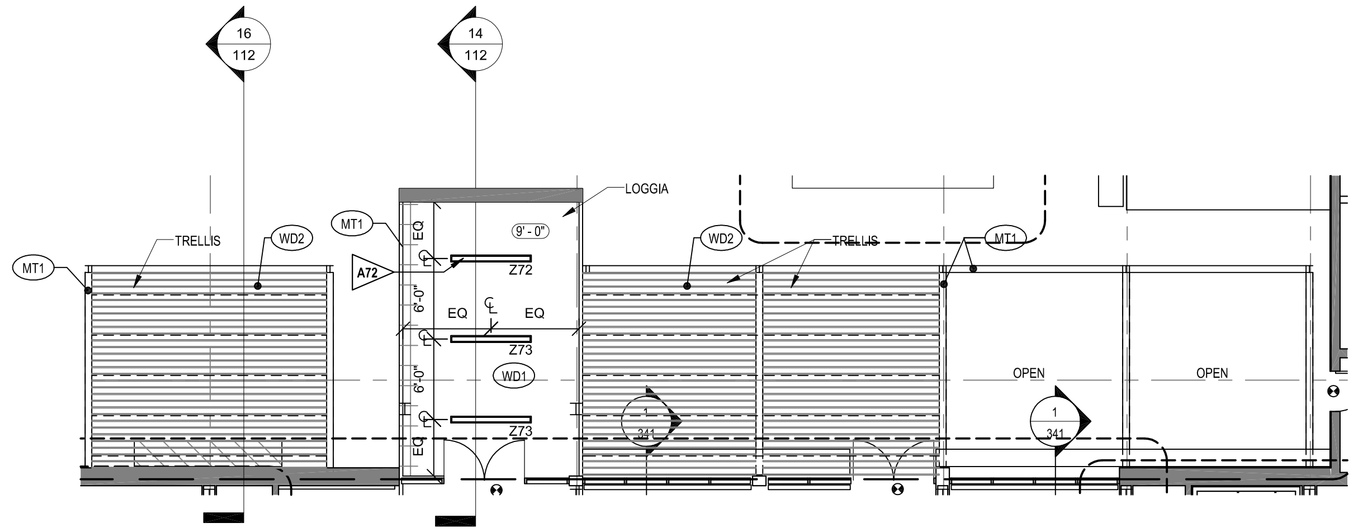
4 EXTERIOR COURTYARD LOGGIA/TRELLIS 3D VIEW

SCALE:



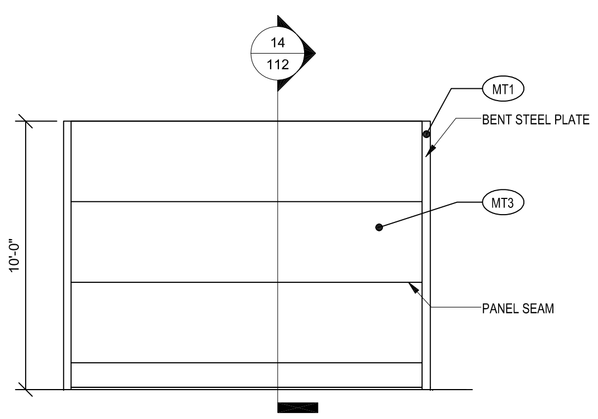
14 BUILDING SECTION

SCALE: 1/4" = 1'-0"



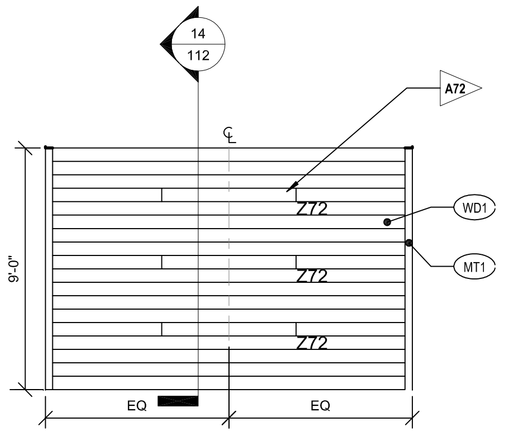
2 LOGGIA RCP @ EXTERIOR COURTYARD

SCALE: 1/8" = 1'-0" referenced from: 205



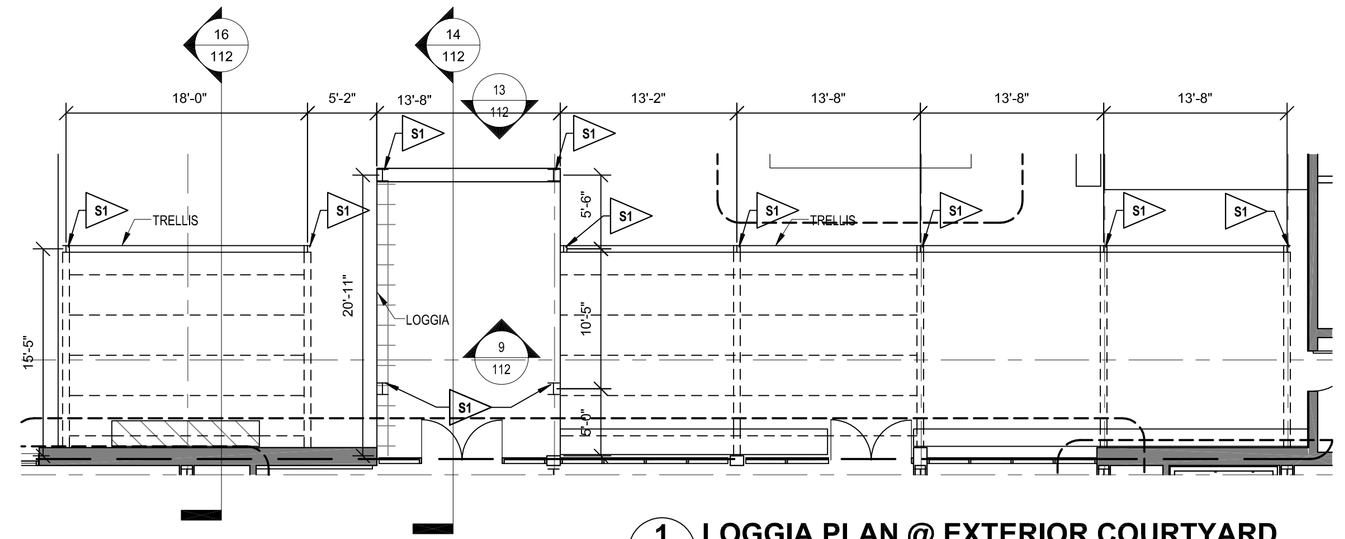
13 ELEVATION

SCALE: 1/4" = 1'-0"



9 ELEVATION

SCALE: 1/4" = 1'-0"



1 LOGGIA PLAN @ EXTERIOR COURTYARD

SCALE: 1/8" = 1'-0" referenced from: 200

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A58 SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATION SLOPED PER CODE. STARTING THICKNESS 1 1/2" AT DRAINS.

A72 NEAR LIGHT FIXTURES TO BE EQUALLY SPACED. ARCHITECT TO COORDINATE EXACT LOCATION WITH WALL FINISH

A73 ARCHITECT TO CONCEAL DOWNSPOUTS AND TIE IN

S0 STRUCTURAL

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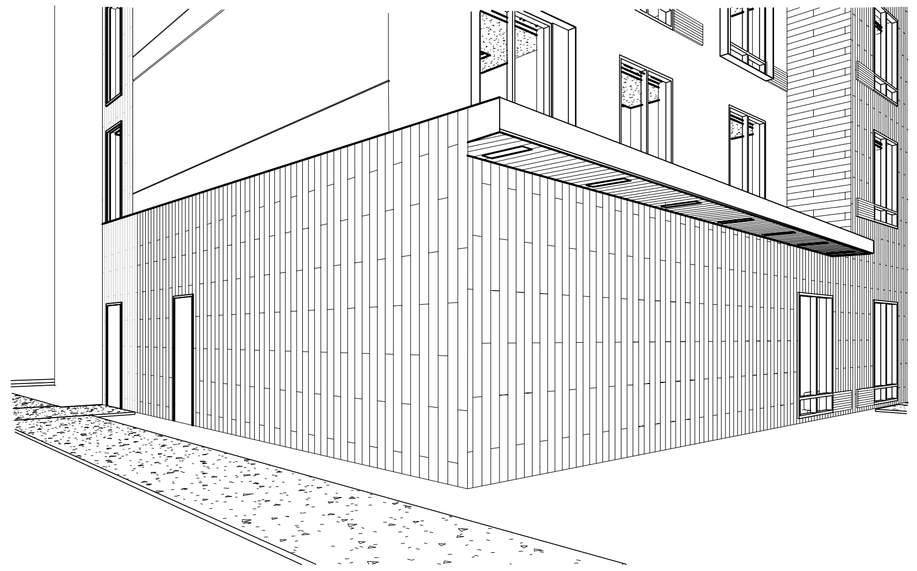
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EXTERIOR COURTYARD
LOGGIA/ TRELLIS

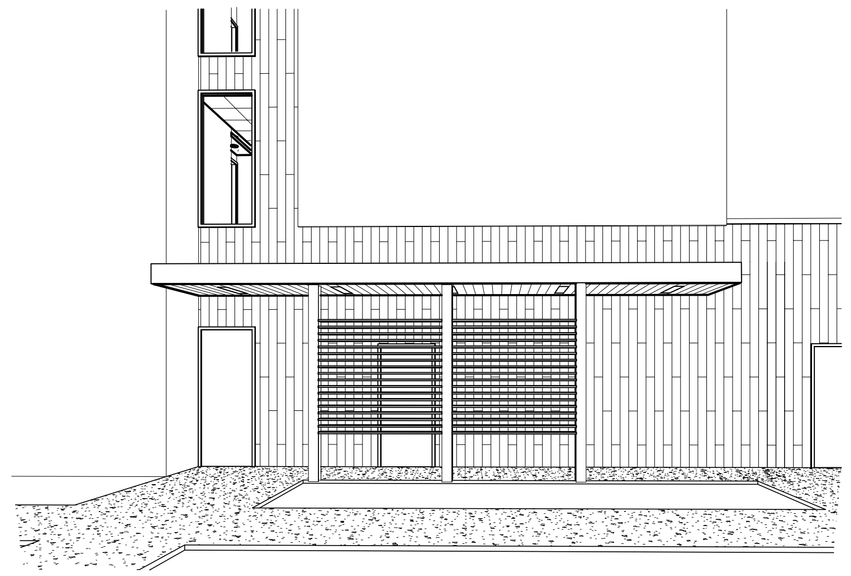
PROJECT NAME

COURTYARD INN,©
Lake City, Florida

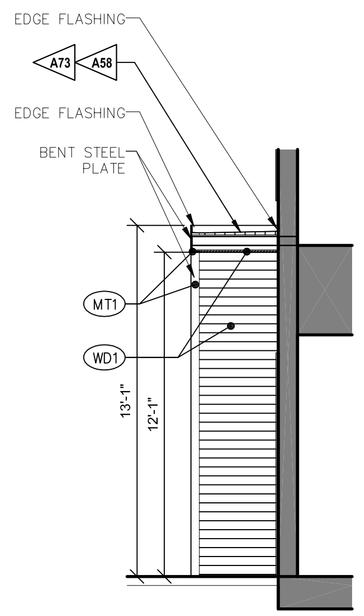
SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-112
	PAGE NUMBER 21
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



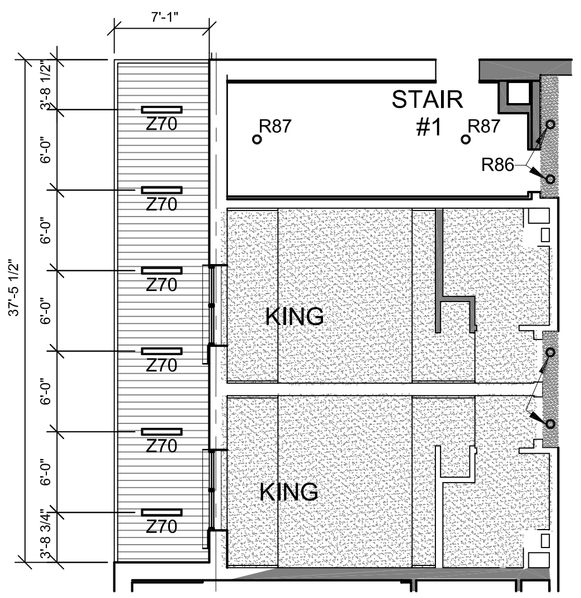
8 CANOPY 3D VIEW - LEFT
SCALE:



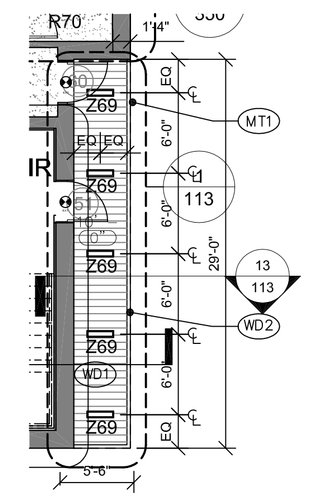
4 CANOPY 3D VIEW - RIGHT
SCALE:



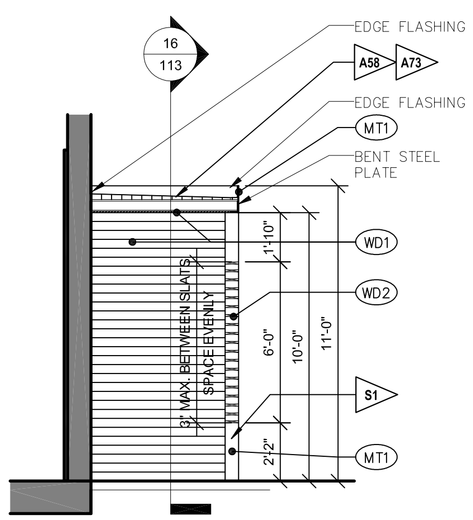
14 CANOPY SECTION - LEFT
SCALE: 1/4" = 1'-0"



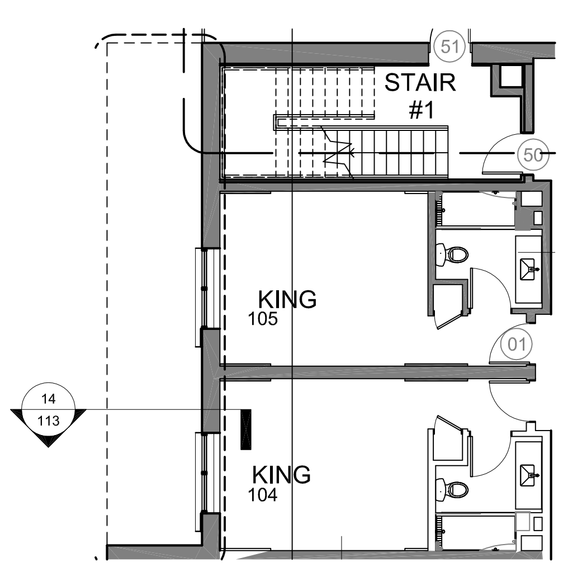
6 CANOPY RCP - LEFT
SCALE: 1/8" = 1'-0" referenced from: 205



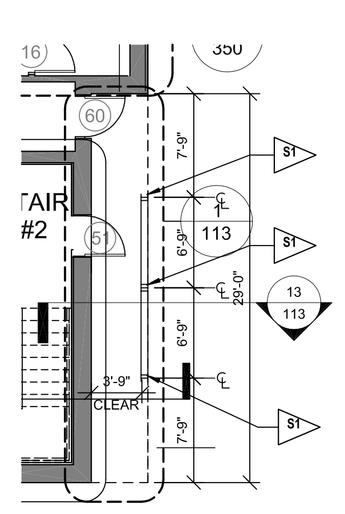
2 CANOPY RCP - RIGHT
SCALE: 1/8" = 1'-0" referenced from: 205



13 CANOPY SECTION - RIGHT
SCALE: 1/4" = 1'-0"



5 CANOPY PLAN - LEFT
SCALE: 1/8" = 1'-0" referenced from: 200



1 CANOPY PLAN - RIGHT
SCALE: 1/8" = 1'-0" referenced from: 200

4/23/2017 10:56:22 PM

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "SITE & BUILDING EXTERIOR" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

1. STRUCTURAL INFORMATION SHOWN FOR ARCHITECTURAL INTENT ONLY. STRUCTURAL INFORMATION IN DESIGN GUIDELINES DOES NOT CONVEY INFORMATION REQUIRED FOR CONSTRUCTION AND CANNOT BE USED IN LIEU OF DRAWINGS PREPARED BY A REGISTERED STRUCTURAL ENGINEER.
2. STRUCTURAL ENGINEER TO PROVIDE FULL DESIGN SERVICES INCLUDING BUT NOT LIMITED TO; DETERMINING SIZE AND SPACING OF MEMBERS BASED ON ALL CODE REQUIREMENTS, DESIGNING FOOTINGS & FOUNDATIONS BASED ON ALL CODE REQUIREMENTS, AND DETAILING ALL STRUCTURAL CONNECTIONS.

   ARCHITECT SHALL COORDINATE DRAWINGS WITH STRUCTURAL ENGINEER AND MODIFY DESIGN GUIDELINE DETAILS ACCORDINGLY.
3. ARCHITECT IS RESPONSIBLE FOR DETERMINING NUMBER AND LAYOUT OF ROOF DRAINS AND SIZE OF RAIN LEADERS AS REQ'D FOR LOCAL CODE AND CONDITIONS. OVERFLOW DRAINS TO BE DIRECTED TO DAYLIGHT IN AREAS THAT WILL NOT DRAIN ACROSS WALKING SPACES.

   COORDINATE PORTE COCHERE DETAILS WITH ADJACENT SITE DETAILS. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
4. WALL SECITONS ARE DRAWN TO PROVIDE DESIGN INTENT AND TO PROVIDE INFORMATION REGARDING SPECIFIC FINISH SYSTEMS CONSTRUCTION AND RELATIONSHIPS. ARCHITECT TO DRAW PORTE COCHERE BASED ON CHOSEN STRUCTURAL SYSTEM.

   THE SITE FABRICATED PORTE COCHERE AND ASSOCIATED SITE DESIGN ELEMENTS SHOWN ARE A GUIDE FOR DEVELOPING THESE SIGNATURE ELEMENTS OF THE BRAND. FINAL CONFIGURATION, SIZE, DETAILS TO BE BY DESIGNER.
5. CEILING HEIGHTS ARE FROM ABOVE FIRST FLOOR FINISH FLOOR LEVEL, NOT FROM ADJACENT GRADE. KEEP 12'-0" MINIMUM CLEAR IN TRAFFIC LANES.

   PROVIDE INTERNAL DOWNSPOUTS, GUTTERS, ROOF DRAINS, AND OVERFLOWS AS REQUIRED
6. FOR LOCAL RAINFALL. PROVIDE SECONDARY OVERFLOWS TO DAYLIGHT IN AREAS THAT WILL NOT DRAIN ACROSS WALKING SURFACES.
7.
8.
9.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPL
COULD BE INTERPRETED TO APPLY TO MORE THAN ONE
DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN
ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD
FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURAL

A58 SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATION SLOPED PER CODE. STARTING THICKNESS 1 1/2" AT DRAINS.

A73 ARCHITECT TO CONCEAL DOWNSPOUTS AND TIE IN

S0 STRUCTURAL

S1 METAL COLUMNS SHOWN. MODIFY AS REQUIRED PER STRUCTURAL ENGINEER. REFER TO EXTERIOR FINISH INDEX FOR PAINT FINISH SPECIFICATIONS

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
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REVISIONS

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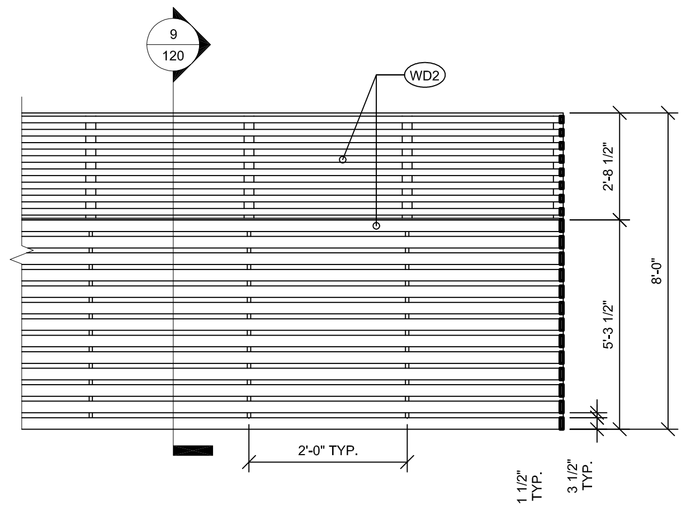
DRAWING NAME

BUILDING CANOPIES

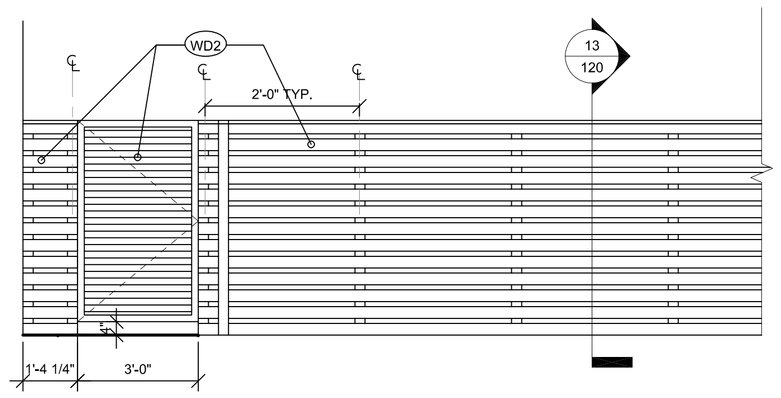
PROJECT NAME

COURTYARD INN,°
Lake City, Florida

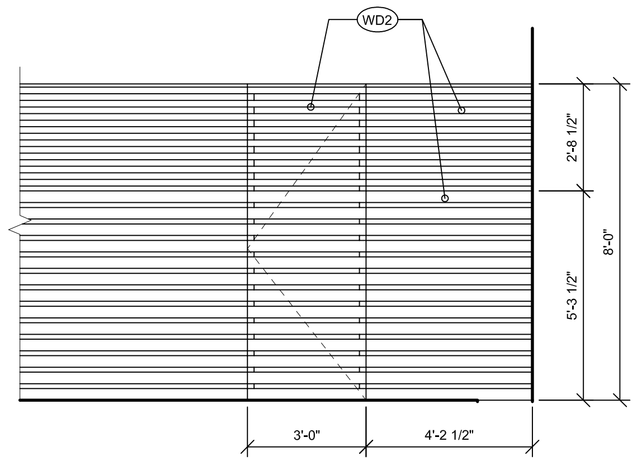
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	PROJECT NUMBER 2K2101
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	PAGE NUMBER 22
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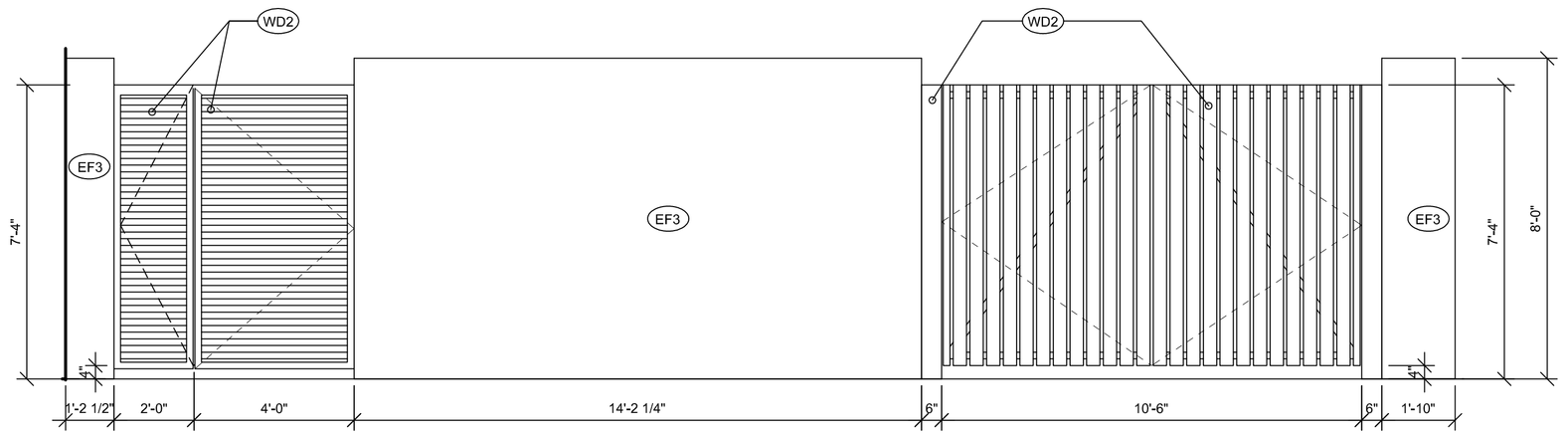
12 EXTERIOR COURTYARD ELEVATION
SCALE: 3/8" = 1'-0"



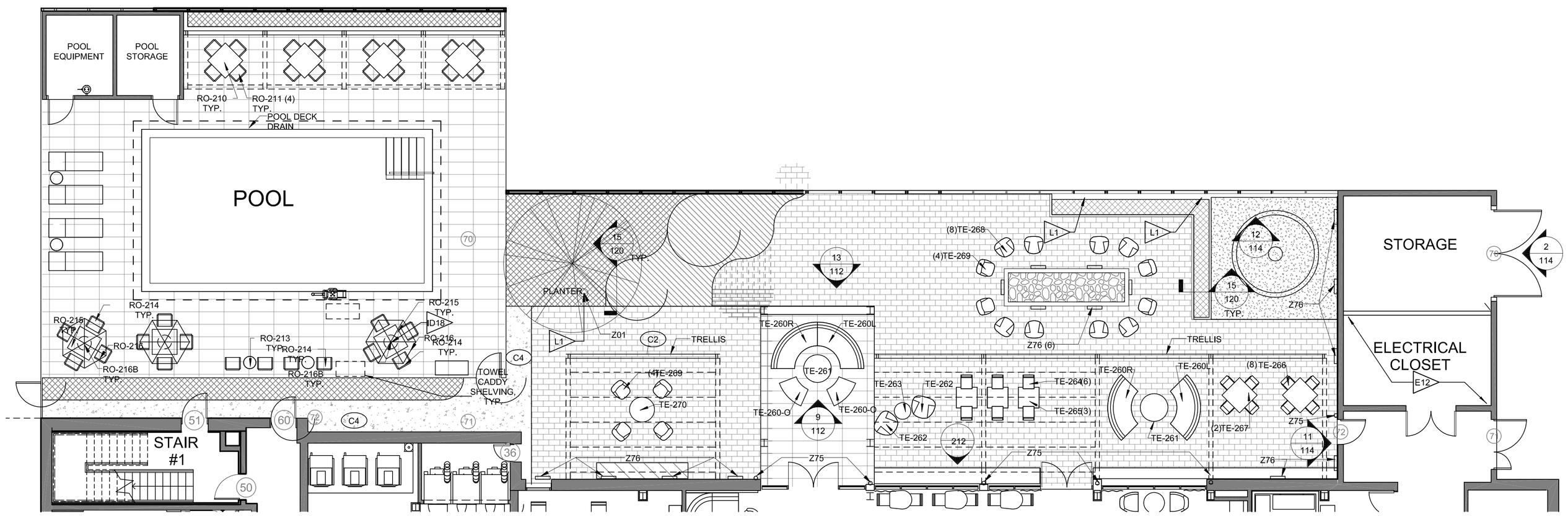
3 EXTERIOR COURTYARD ELEVATION
SCALE: 3/8" = 1'-0"



11 EXTERIOR COURTYARD ELEVATION
SCALE: 3/8" = 1'-0"



2 EXTERIOR COURTYARD ELEVATION
SCALE: 3/8" = 1'-0"



1 EXTERIOR COURTYARD PLAN
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

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B. SEE SIGNAGE MANUAL FOR REQUIRED SIGNAGE ASSOCIATED WITH THE FIRE PIT.

CRITERIA NOTES

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A0 **ARCHITECTURAL**

A23 REFRIGERATOR REMOTE COMPRESSOR

E0 **ENGINEERING**

E12 POSITION MECHANICAL EQUIPMENT / CONDENSERS OUT OF VIEW OF GUEST. SCREEN WHERE NECESSARY

L0 **LANDSCAPING**

L1 POSITION EXTERIOR SITE LIGHT FIXTURES TO ILLUMINATE PLANT MATERIAL

HARDSCAPE LEGEND

- STAINED/ IMPRINTED CONCRETE C1
- STAINED/ IMPRINTED CONCRETE C2
- STAMPED/ IMPRINTED CONCRETE C3
- STANDARD CONCRETE C4
- 18X36 INTERIOR/EXTERIOR TILE T1

LANDSCAPE LEGEND

- ANNUALS / PERENNIALS
- GROUND COVER
- SMALL EVERGREEN SHRUB
- SOD
- LARGE SHADE TREE
- ORNAMENTAL/ MULTI- TRUNK TREE
- PYRAMIDAL EVERGREEN TREE
- SMALL EVERGREEN TREE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
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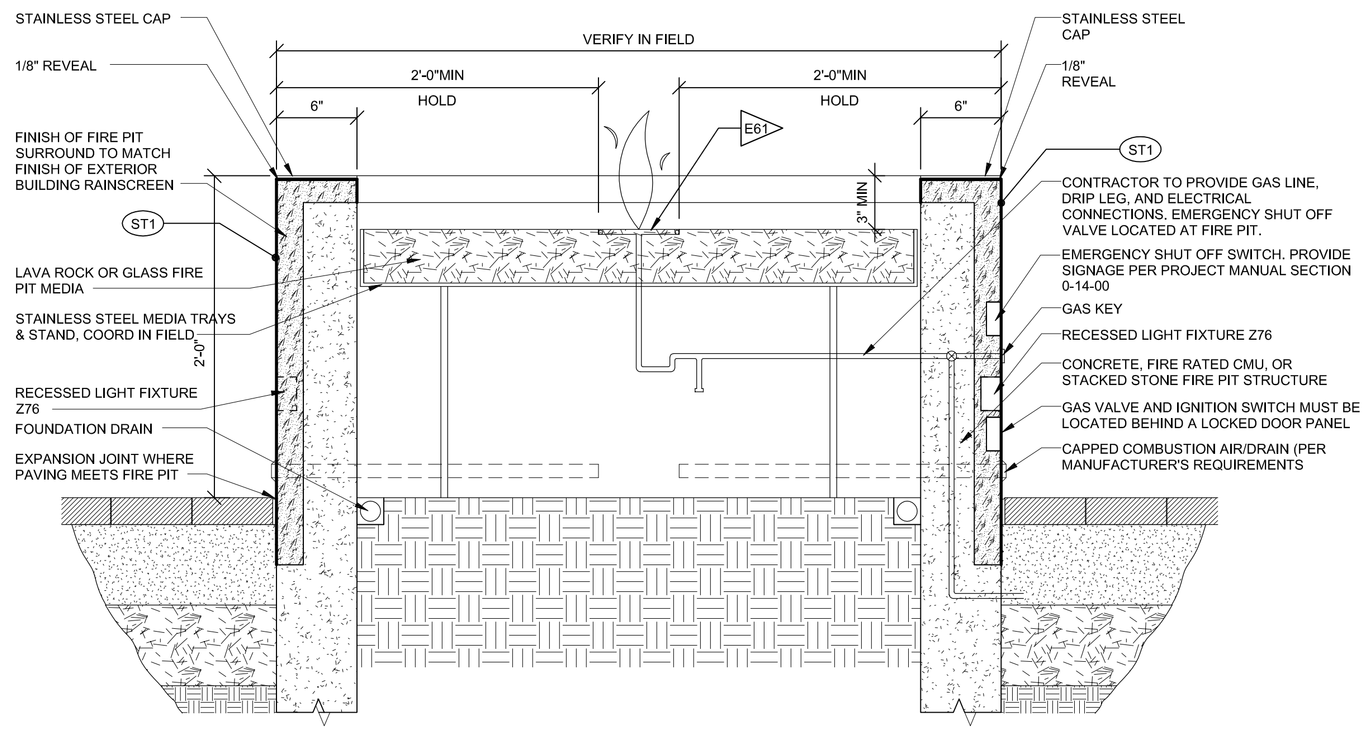
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EXTERIOR COURTYARD

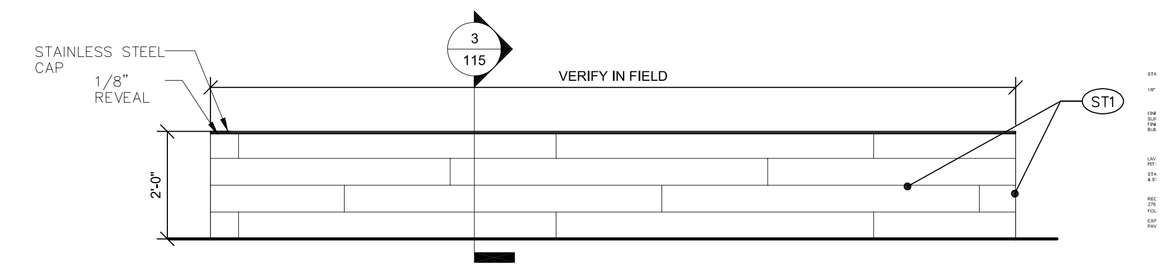
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COURTYARD INN, Lake City, Florida

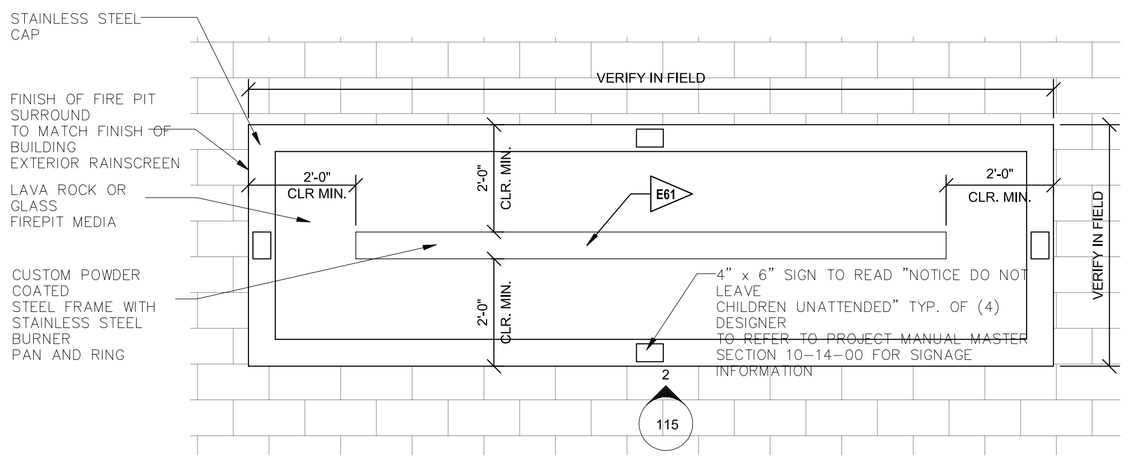
SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-114
	PAGE NUMBER 23
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



3 FIRE PIT SECTION
SCALE: 1 1/2" = 1'-0"



2 FIRE PIT ELEVATION
SCALE: 1/2" = 1'-0"



1 FIRE PIT PLAN
SCALE: 1/2" = 1'-0" referenced from: 114

REFERENCE NOTES

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B. REFER TO SIGNAGE MANUAL FOR REQUIRED SIGNAGE ASSOCIATED WITH THE FIRE PIT.

C. REFER TO PMM SPEC SECTION 10 31 00 FOR FIRE PIT SPECIFICATION.

GENERAL NOTES

1. FIRE PIT MUST HAVE A NATURAL GAS LINE RUN TO THE FIRE PIT WITH AN EMERGENCY SHUT OFF SWITCH WHICH RUNS A FLAME NO MORE THAN 50,000 BTU'S.
2. GAS VALUES AND IGNITION SWITCHES MUST BE LOCATED BEHIND A DOOR PANEL WITH LOCK. IGNITION SWITCHES SHOULD BE LOCATED SUCH THAT WHEN THEY ARE TURNED ON, THE EMPLOYEE TURNING THEM ON HAS A FULL VIEW OF THE FIRE PIT AND THE FIRE PIT AREA.
3. GAS BURNER DESIGN SHALL BE SUCH THAT MANIFOLD SHUT OFF IS EASILY ACCESSIBLE BY AUTHORIZED EMPLOYEES. DESIGN OF BURNER SHALL BE "FAIL SAFE" SUCH THAT GAS SUPPLY SHUTS OFF IN CASE OF "FLAME OUT".
4. ELECTRONIC IGNITION SWITCH 1 HOUR TIMER AND GAS SHUTOFF LOCATION PER LOCAL CODE. INSTALL PER MANUFACTURERS SPECIFICATIONS. PROVIDE SIGNAGE PER PROJECT MANUAL SECTION 10-14-00.
5. CONTRACTOR TO PROVIDE GAS LINE AND ELECTRICAL CONNECTIONS INCLUDING ALL VALVES AND SWITCHES, PER LOCAL CODE REQUIREMENTS

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E0 **ENGINEERING**

E61 BURNER TO BE 2"-0" CLEAR MINIMUM FROM ALL EDGES OF FIRE PIT

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
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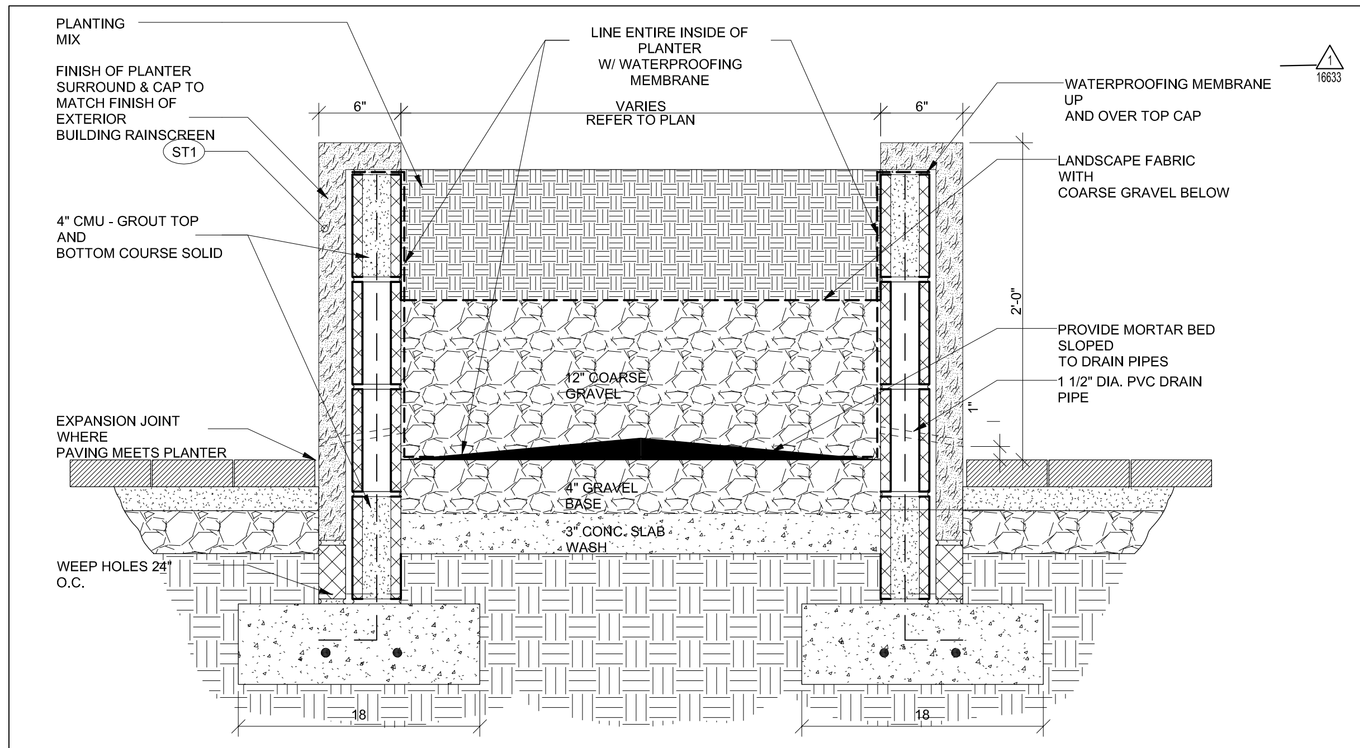
DRAWING NAME

FIRE PIT

PROJECT NAME

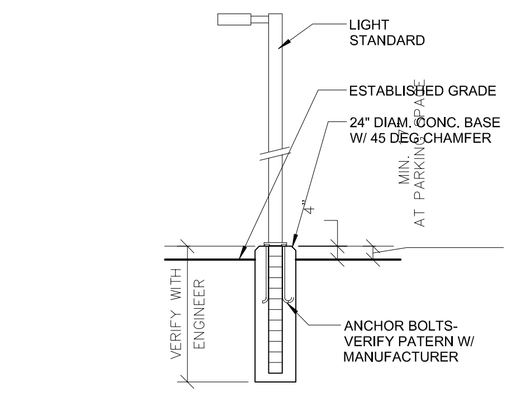
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	PAGE NUMBER 24
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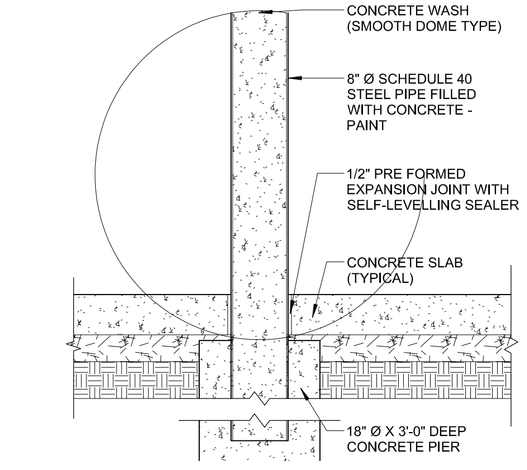
15 SECTION @ PLANTER

SCALE: 1 1/2" = 1'-0"



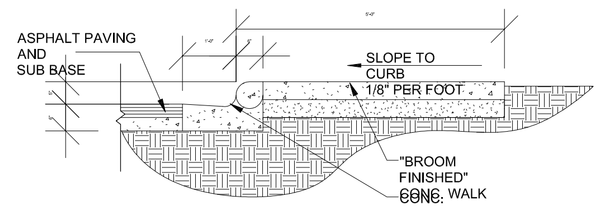
8 SITE LIGHT POLE

SCALE: 3/8" = 1'-0"



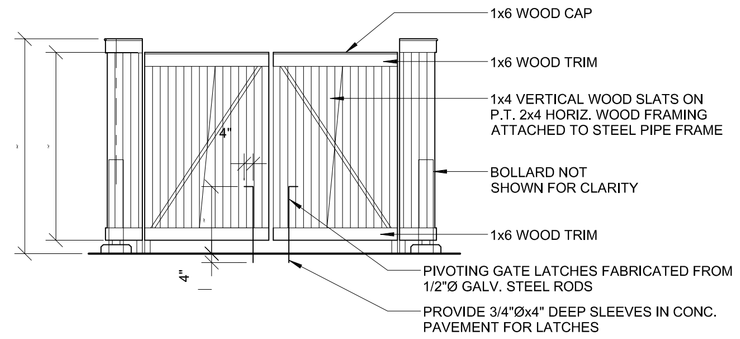
4 BOLLARD DETAIL

SCALE: 3/4" = 1'-0"



7 SIDEWALK CURB DETAIL

SCALE: 1/2" = 1'-0"



3 TRASH ENCLOSURE FRONT ELEVATION

SCALE: 1/4" = 1'-0"

13 SECTION @ FENCE

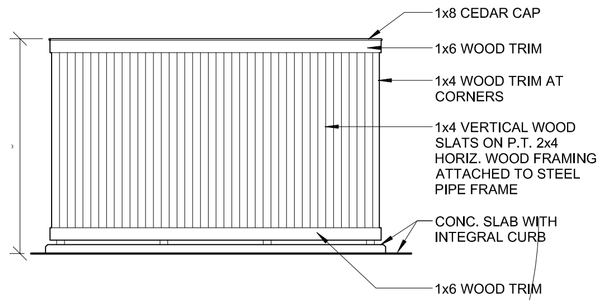
SCALE: 1 1/2" = 1'-0" referenced from: 114

9 SECTION @ FENCE

SCALE: 1 1/2" = 1'-0" referenced from: 114

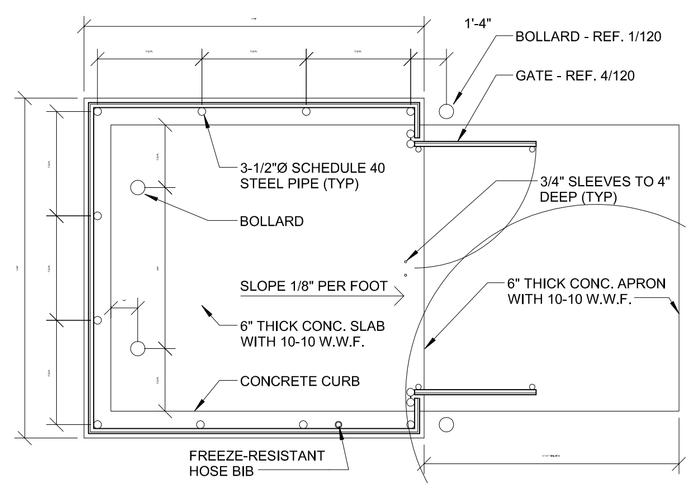
5 TRASH ENCLOSURE SECTION

SCALE: 3/4" = 1'-0"



2 TRASH ENCLOSURE SIDE & REAR ELEVATION

SCALE: 1/4" = 1'-0"



1 TRASH ENCLOSURE PLAN

SCALE: 1/4" = 1'-0"

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386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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	90% SET	11.20.2018

DRAWING NAME

SITE DETAILS

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE

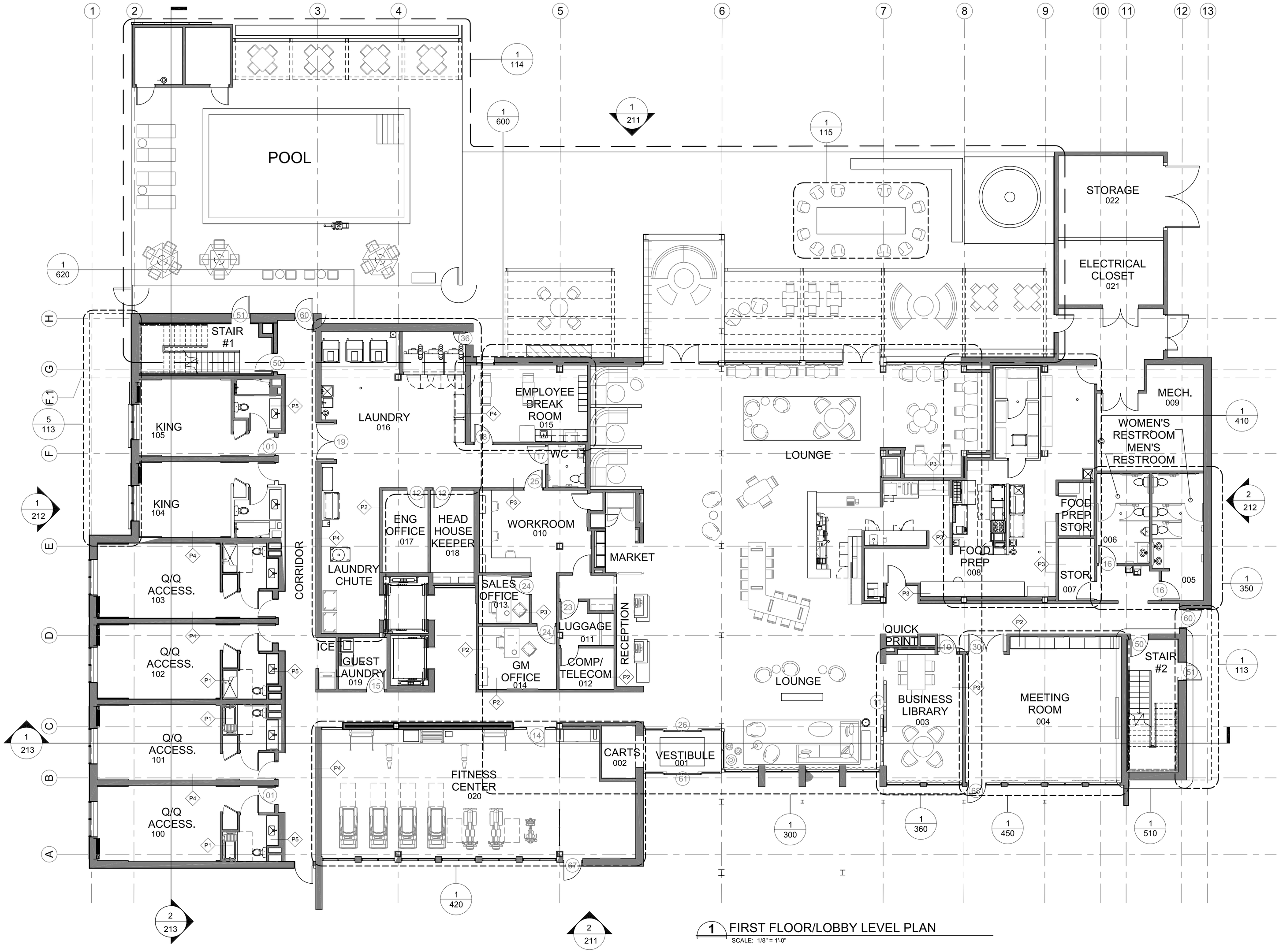
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1 FIRST FLOOR/LOBBY LEVEL PLAN
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

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ARCHITECTURE:

A41 IF MEETING ROOM 3 BAY OPTION IS USED, FIRST FLOOR ENGINEERING OFFICE CONVERTS TO A KING GUESTROOM. ENGINEERING OFFICE RELOCATED TO THE SECOND FLOOR STORAGE ROOM.

SYMBOLS

D DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
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386/365-4355

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DRAWING NAME

FIRST FLOOR PLAN

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
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	DRAWING NUMBER
	DECOR: XH
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	PAGE NUMBER 26
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1 **SECOND FLOOR PLAN**
SCALE: 1/8" = 1'-0"

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SYMBOLS

(D) DOOR TYPE

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N.C.A.R.B. Certified
1758 NW Brown Road
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AR0007005
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P: 386.365.4355
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SECOND FLOOR PLAN

PROJECT NAME

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1 THIRD - SIXTH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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SYMBOLS

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N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
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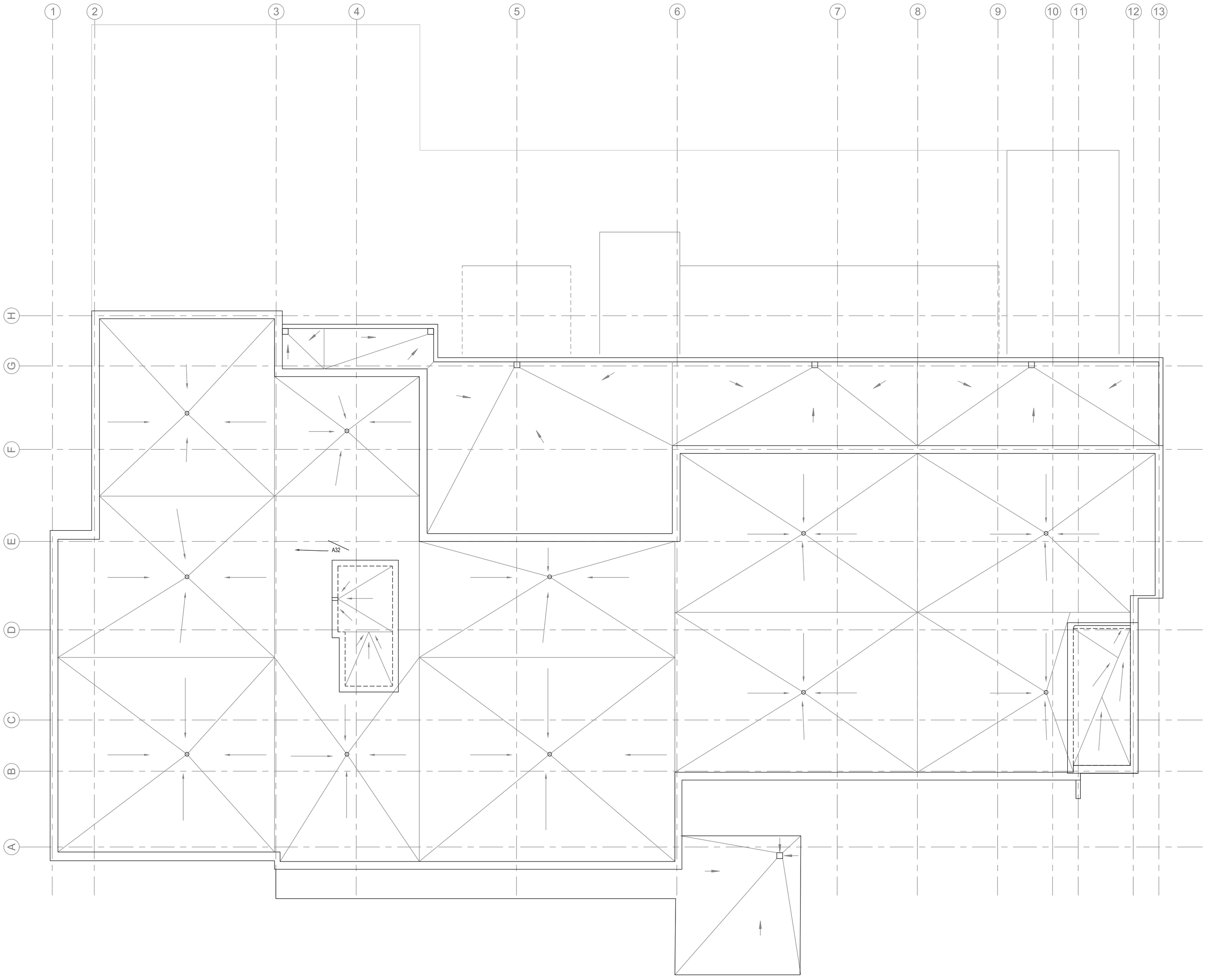
DRAWING NAME

THIRD - SIXTH FLOOR PLAN

PROJECT NAME

COURTYARD INN,° Lake City, Florida

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	PAGE NUMBER 28
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1 **ROOF PLAN**
SCALE: 1/8" = 1'-0"

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ROOF PLAN

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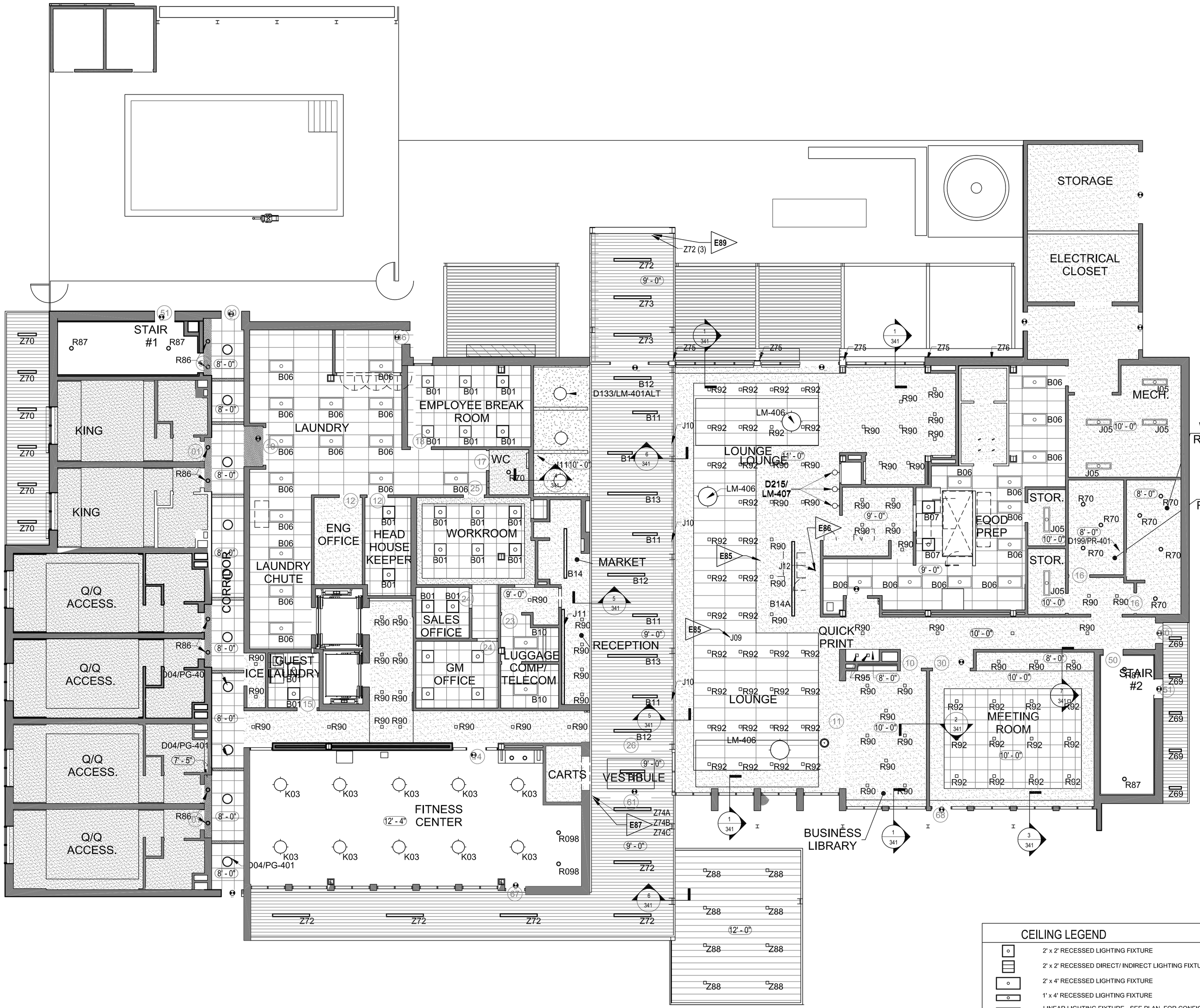
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E0 ENGINEERING:

E85 \pt1.38274\LIGHT AT TOE KICK IF FRONT BAR, AT UNDERSIDE OS COMMUNAL TABLE TOP, AND BEHIND ELEVATOR LOBBY GLASS ACCENT WALL

E86 LIGHT BEHIND BACK BAR FOCAL WALL.

E87 VERTICAL BUILDING LIGHT AT FRONT FACADE. REFER TO BUILDING ELEVATIONS FOR LOCATION OF LIGHT.

E88 UNDER CABINET LIGHT

E89 LIGHTS ON VERTICAL SURFACE OF WALL REFER TO SHEET 112 FOR LOCATIONS

CEILING LEGEND

- 2' x 2' RECESSED LIGHTING FIXTURE
- 2' x 2' RECESSED DIRECT/ INDIRECT LIGHTING FIXTURE
- 2' x 4' RECESSED LIGHTING FIXTURE
- 1' x 4' RECESSED LIGHTING FIXTURE
- LINEAR LIGHTING FIXTURE - SEE PLAN FOR CONFIGURATION & SIZE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED LIGHTING FIXTURE - SQUARE
- RECESSED LIGHTING FIXTURE - ROUND
- PENDANT LIGHT - SEE PLANS FOR CONFIGURATION & SIZE
- TRACK W/ ADJUSTABLE TRACK HEADS
- LED COVE LIGHTING STRIP FIXTURE
- SPEAKER
- EXHAUST FAN
- EXHAUST FAN/ COMBO
- SURFACE MOUNTED DRUM FIXTURE

1 OVERALL FIRST FLOOR/LOBBY LEVEL RCP
SCALE: 1/8" = 1'-0"

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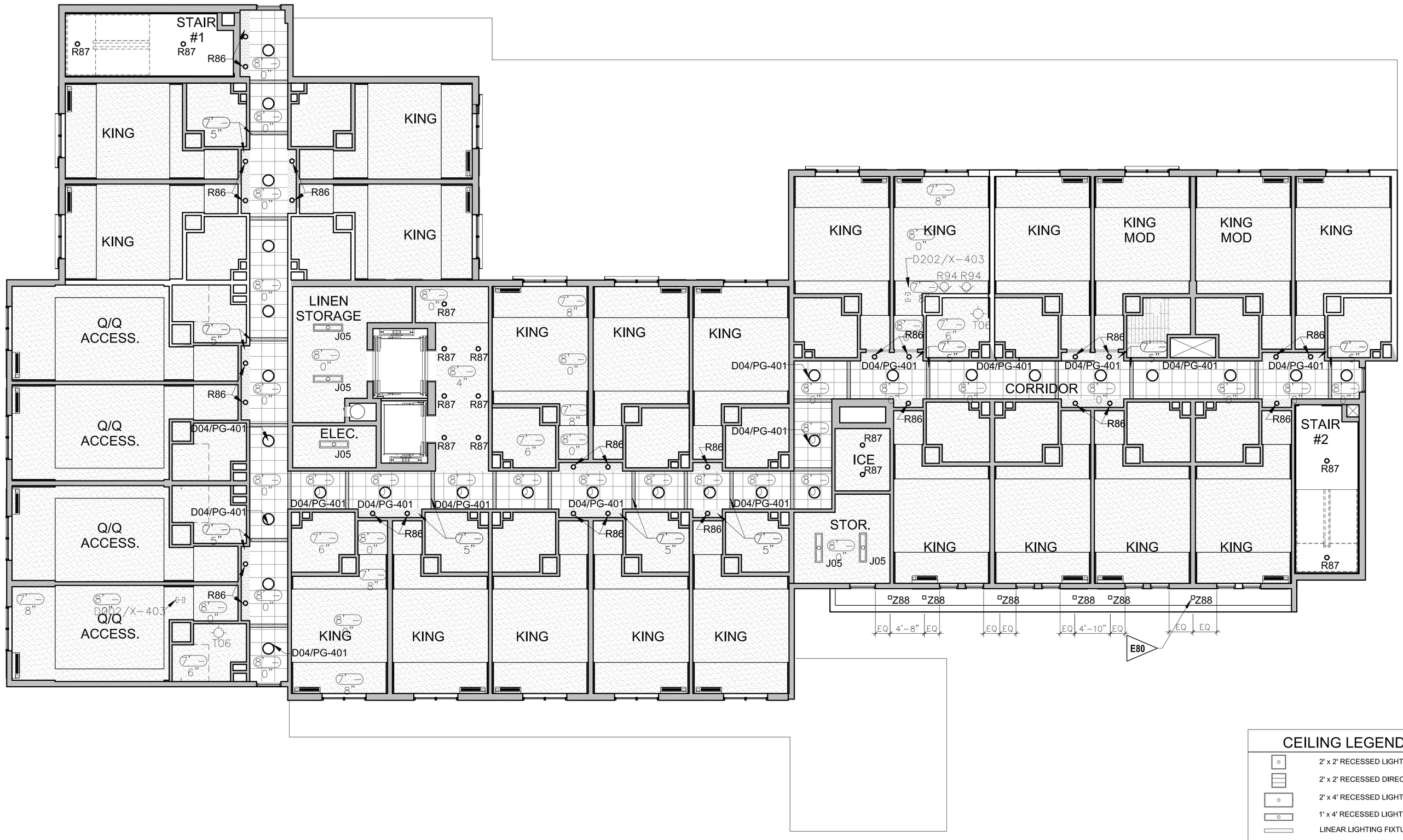
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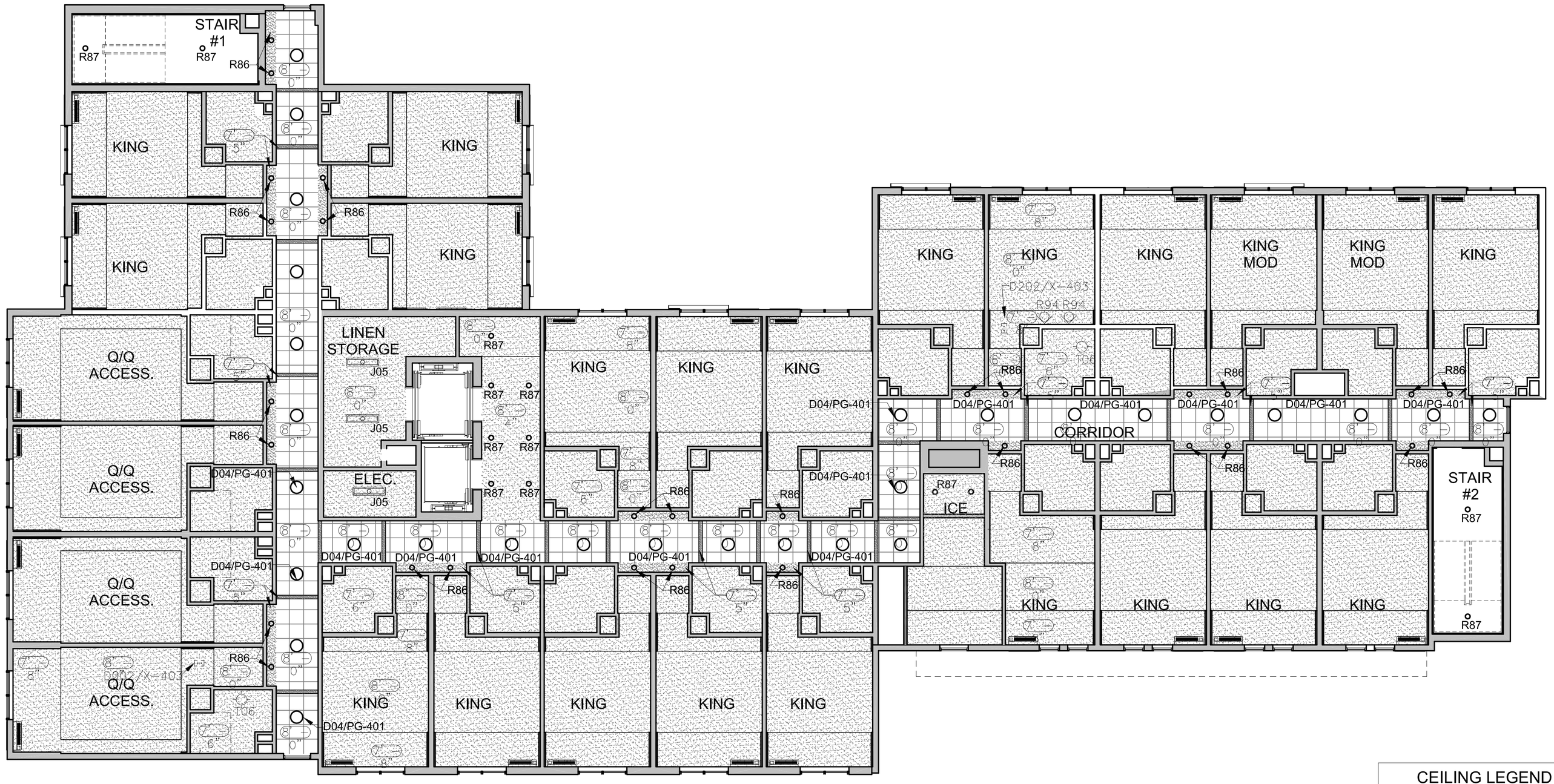
FIRST FLOOR RCP

PROJECT NAME

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Lake City, Florida

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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
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	A-205
	PAGE NUMBER 20
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STAIR #1
R87
R86
KING
KING
KING



1 **THIRD - SIXTH FLOOR RCP**
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO DESIGN STANDARDS "ELEVATOR" CHAPTER FOR ELEVATOR PLANNING REQUIREMENTS INCLUDING ELEVATOR TYPE, SIZE, NUMBER, PERFORMANCE CRITERA FOR FEATURES PER SPECIFIC PROJECT SIZE AND LAYOUT.

C. REFER TO 300 SERIES FOR ENLARGED PUBLIC SPACE PLANS AND DETAILS.

D. REFER TO 500 SERIES FOR GUESTROOM PLANS AND DETAILS.

GENERAL NOTES

1. SHEET IS FOR LIGHT FIXTURE INFORMATION ONLY. REFER TO ENLARGED PLANS FOR FURTHER CEILING INFORMATION

CEILING LEGEND

- 2' x 2' RECESSED LIGHTING FIXTURE
- 2' x 2' RECESSED DIRECT/ INDIRECT LIGHTING FIXTURE
- 2' x 4' RECESSED LIGHTING FIXTURE
- 1' x 4' RECESSED LIGHTING FIXTURE
- LINEAR LIGHTING FIXTURE - SEE PLAN FOR CONFIGURATION & SIZE
- WALL MOUNTED LIGHT FIXTURE
- RECESSED LIGHTING FIXTURE - SQUARE
- RECESSED LIGHTING FIXTURE - ROUND
- PENDANT LIGHT - SEE PLANS FOR CONFIGURATION & SIZE
- TRACK W/ ADJUSTABLE TRACK HEADS
- LED COVE LIGHTING STRIP FIXTURE
- SPEAKER
- EXHAUST FAN
- EXHAUST FAN/ COMBO
- SURFACE MOUNTED DRUM FIXTURE

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP,COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
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P: 281-786-1195
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THIRD - SIXTH FLOOR RCP

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1 **FRONT PERSPECTIVE**
SCALE: NTS

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MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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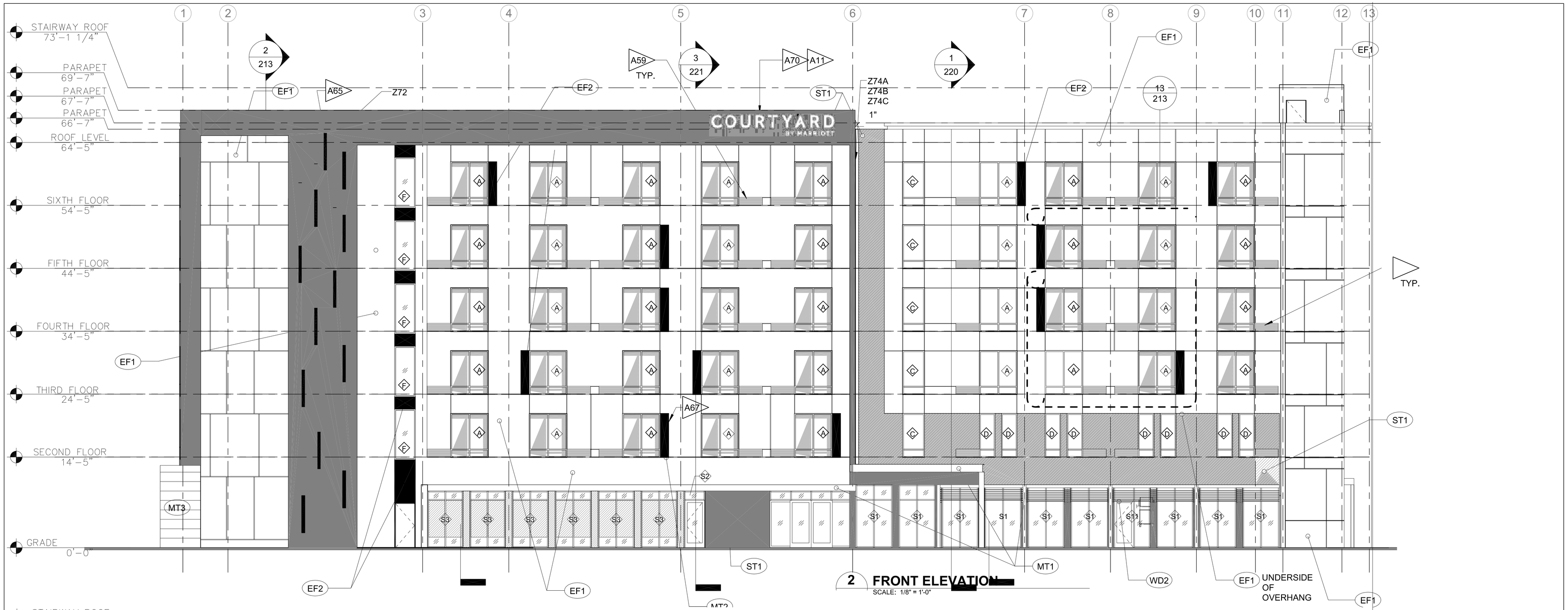
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DRAWING NUMBER
DECOR: XH

A-210

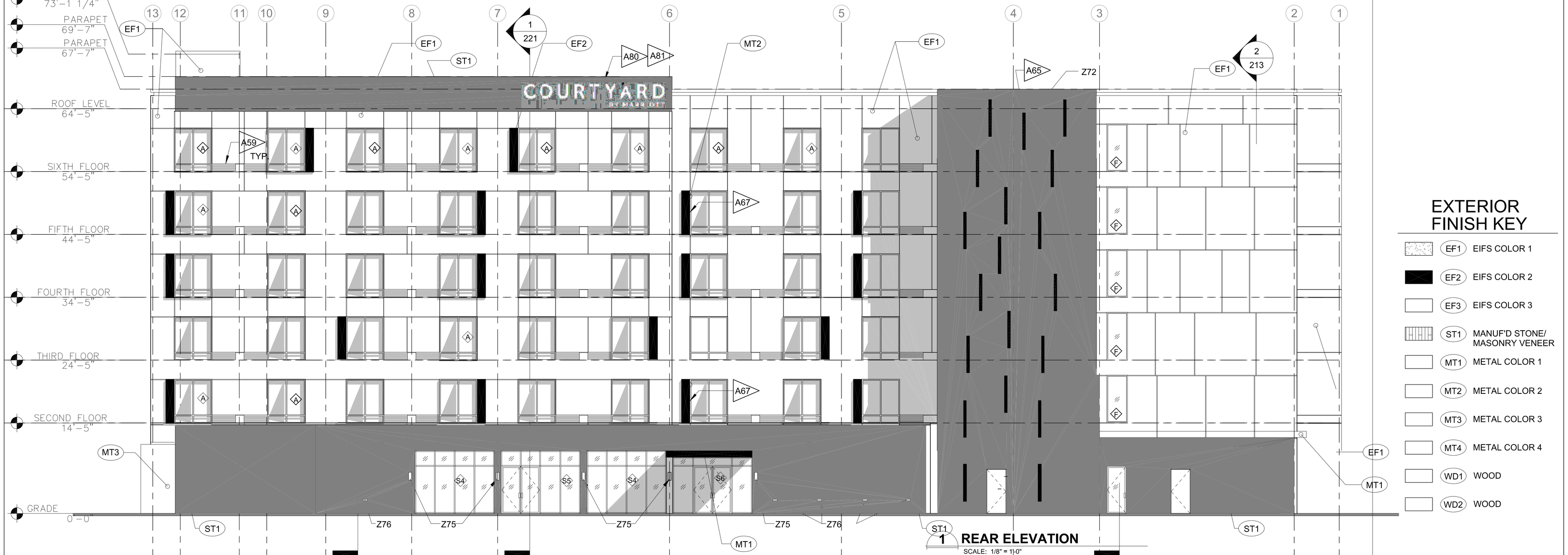
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2 FRONT ELEVATION
SCALE: 1/8" = 1'-0"



1 REAR ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR FINISH KEY

- EF1 EIFS COLOR 1
- EF2 EIFS COLOR 2
- EF3 EIFS COLOR 3
- ST1 MANUF'D STONE/ MASONRY VENEER
- MT1 METAL COLOR 1
- MT2 METAL COLOR 2
- MT3 METAL COLOR 3
- MT4 METAL COLOR 4
- WD1 WOOD
- WD2 WOOD

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404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

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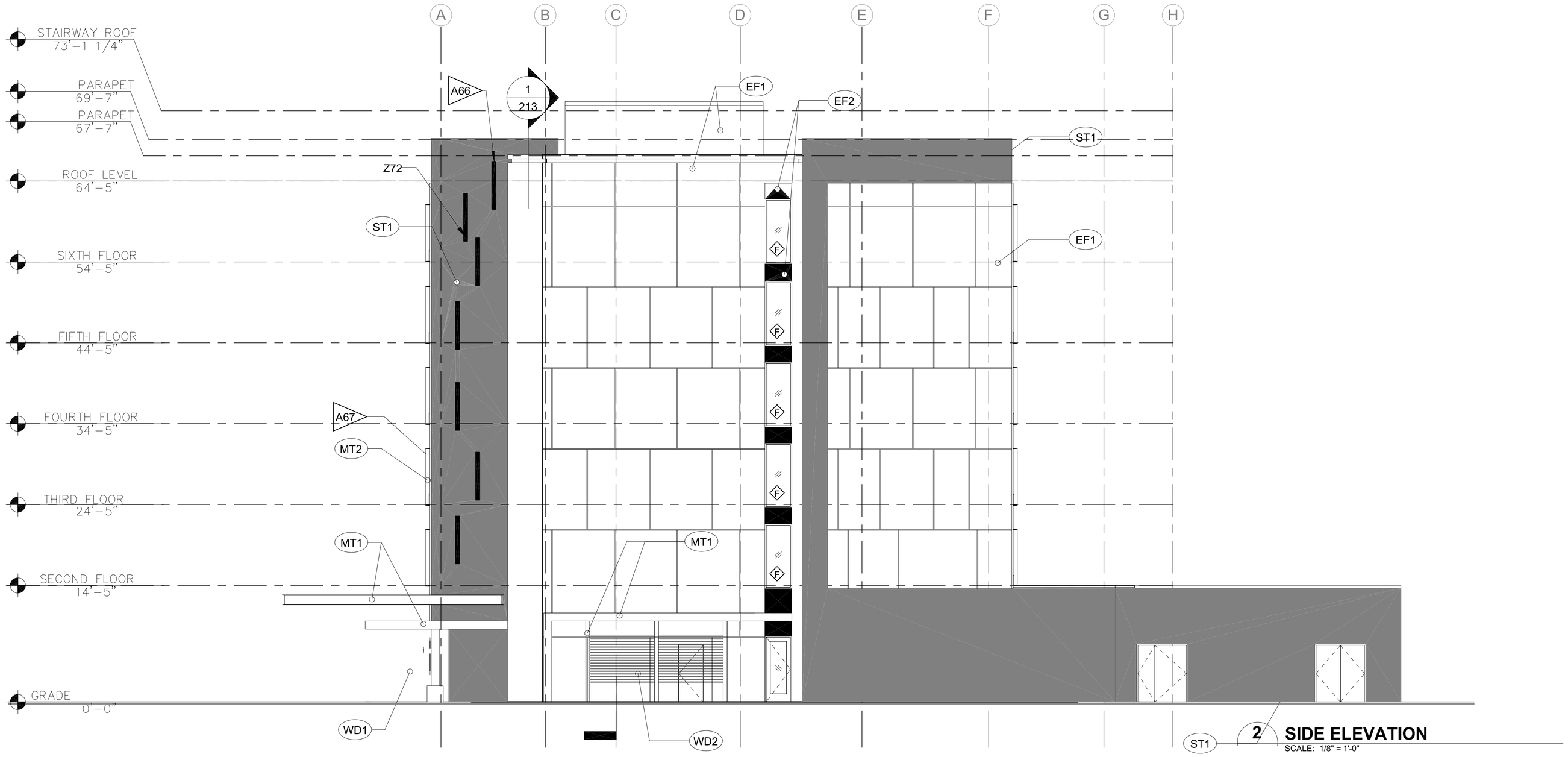
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A-211

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2 SIDE ELEVATION
SCALE: 1/8" = 1'-0"



1 SIDE ELEVATION
SCALE: 1/8" = 1'-0"

EXTERIOR FINISH KEY

	EF1	EIFS COLOR 1
	EF2	EIFS COLOR 2
	EF3	EIFS COLOR 3
	ST1	MANUF'D STONE/ MASONRY VENEER
	MT1	METAL COLOR 1
	MT2	METAL COLOR 2
	MT3	METAL COLOR 3
	MT4	METAL COLOR 4
	WD1	WOOD
	WD2	WOOD

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ARCHITECT
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1758 NW Brown Road
Lake City, FL 32055
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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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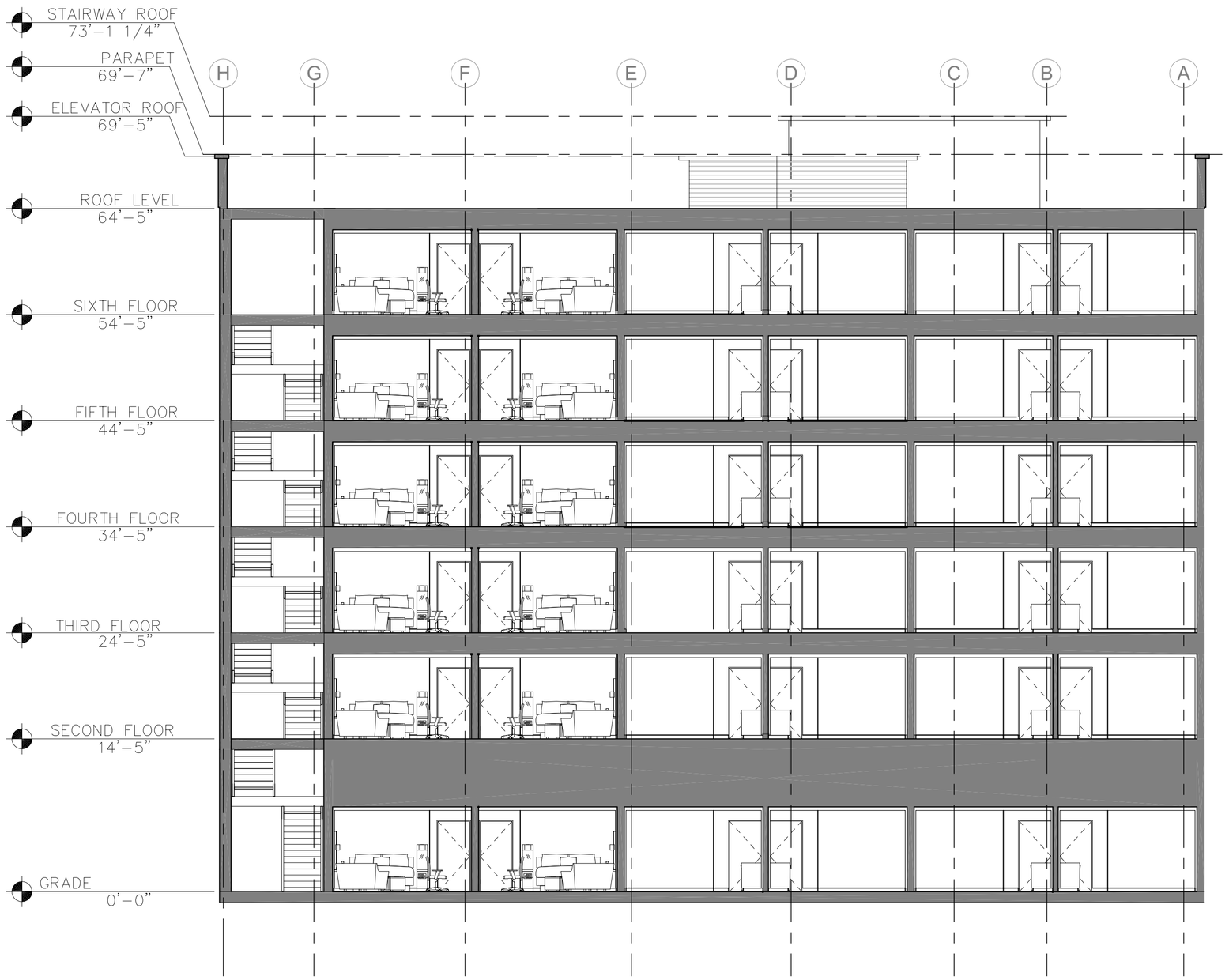
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	A-212
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2 BUILDING SECTION
SCALE: 1/8" = 1'-0"



1 BUILDING SECTION
SCALE: 1/8" = 1'-0"

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LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
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PROJECT NAME

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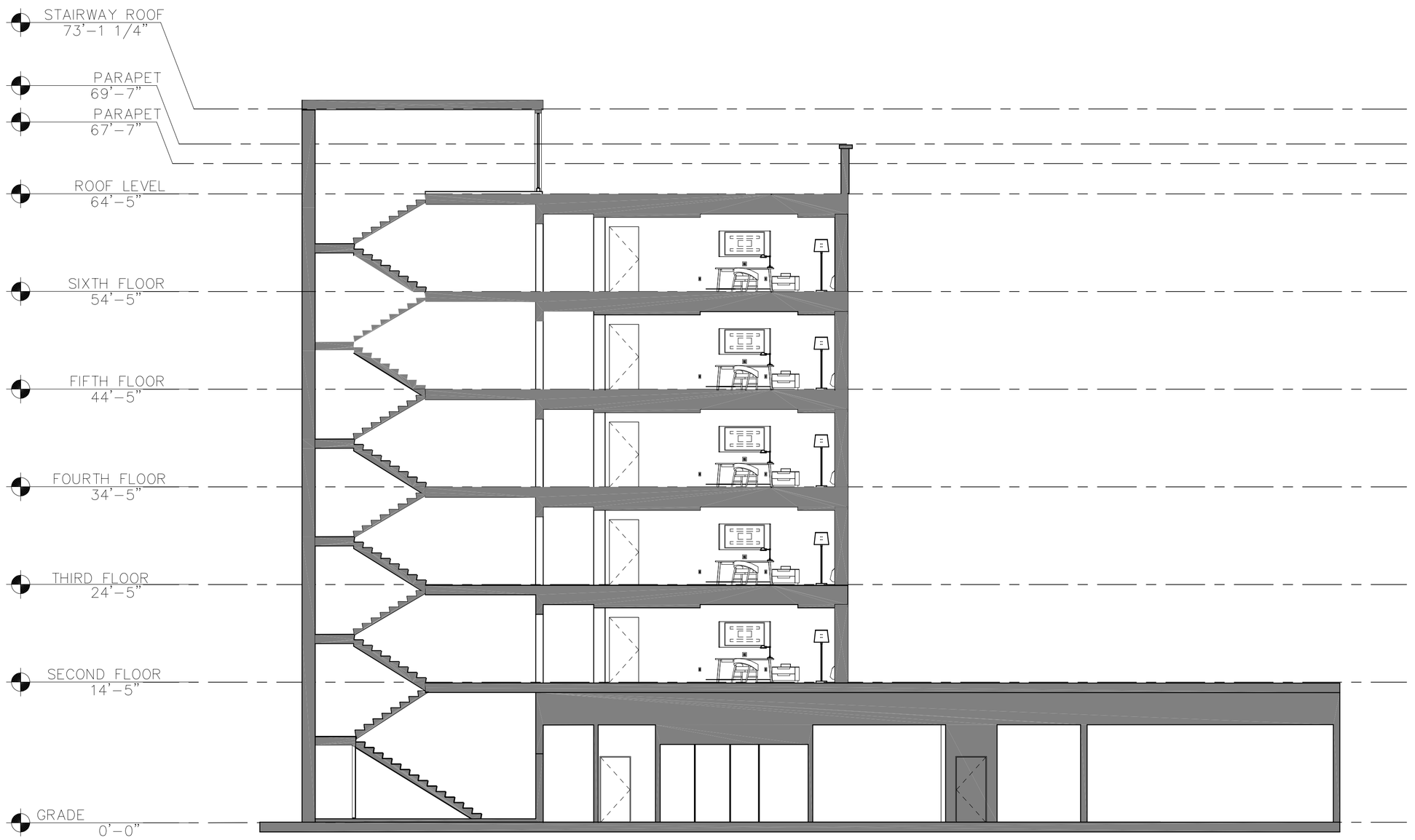
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1 BUILDING SECTION
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LAKE CITY, FL 32055

CIVIL ENGINEER

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GMUER ENGINEERING, LLC
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GAINESVILLE, FL32609

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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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ORLANDO, FLORIDA 32817
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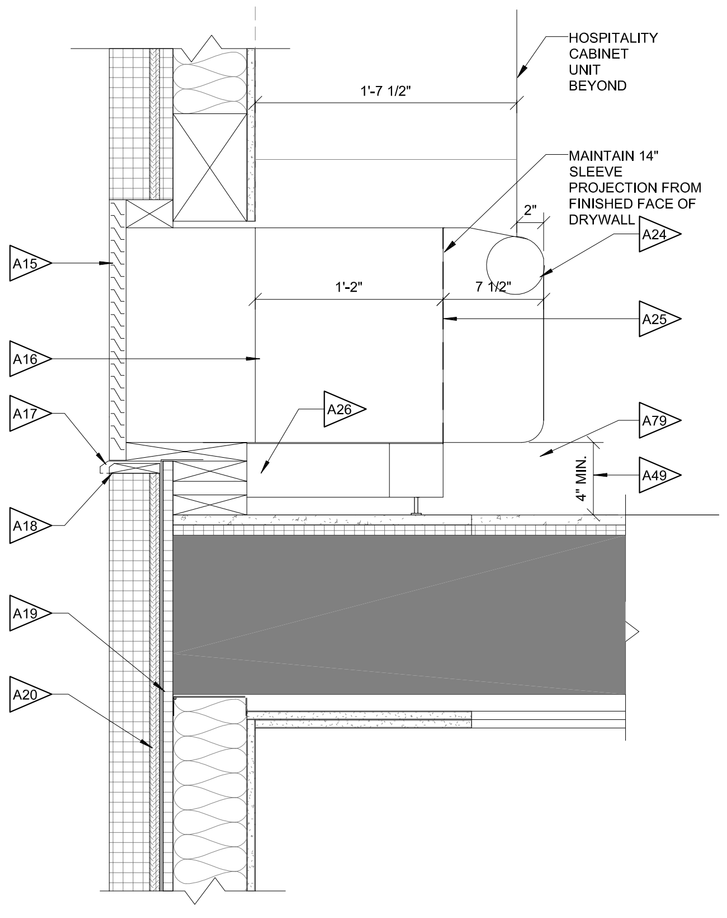
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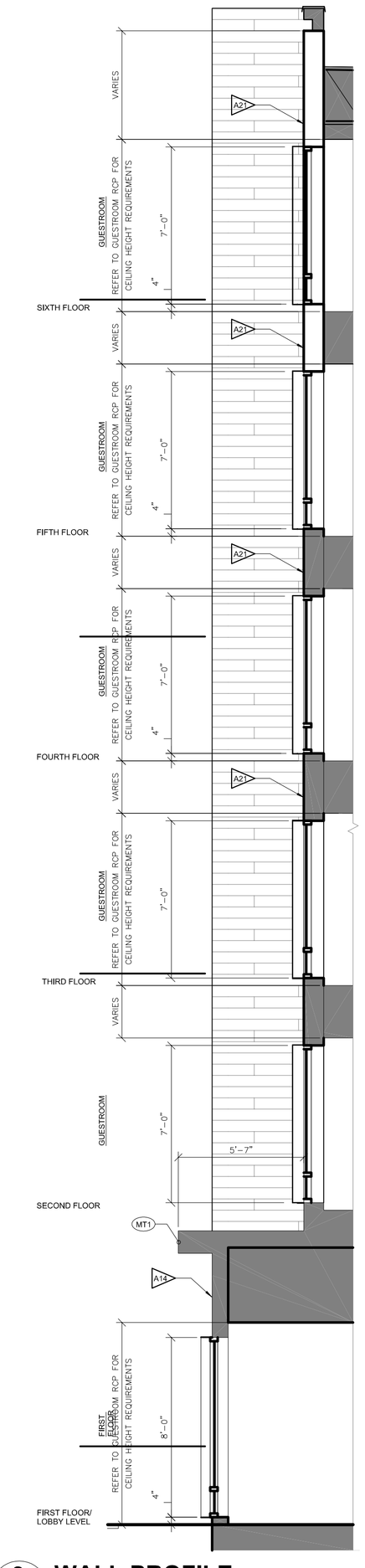
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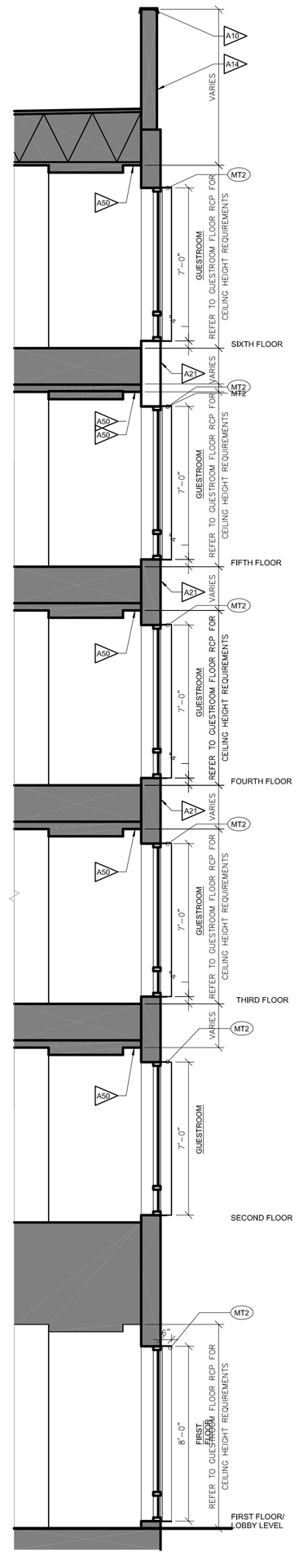
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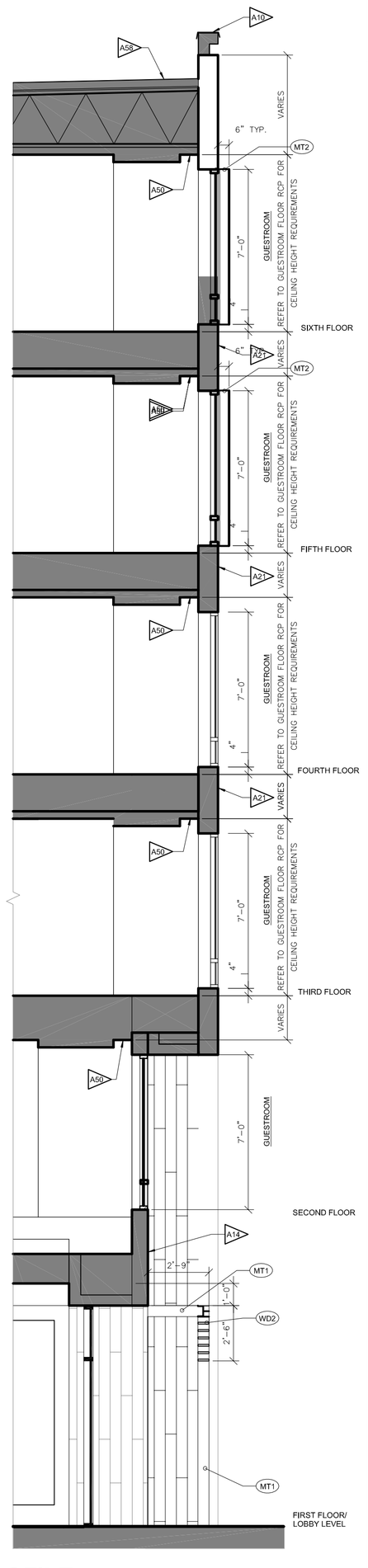
4 PTAC @ EIFS
SCALE: 1 1/2" = 1'-0"



3 WALL PROFILE
SCALE: 1/4" = 1'-0" referenced from: 113



2 WALL PROFILE
SCALE: 1/4" = 1'-0" referenced from: 212



1 WALL PROFILE
SCALE: 1/4" = 1'-0" referenced from: 212

REFERENCE NOTES

A. REFER TO DESIGN STDS. "SITE & BUILDING EXTERIOR" CHAPTER FOR MAIN REQ'MTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

A. WALL PROFILES ARE DRAWN TO PROVIDE INFORMATION REGARDING SPECIFIC FINISH SYSTEMS CONSTRUCTION AND RELATIONSHIPS.

B. PROVIDE INTERNAL DOWNSPOUTS, GUTTERS, ROOF DRAINS, AND OVERFLOWS AS REQUIRED FOR LOCAL RAINFALL. PROVIDE SECONDARY OVERFLOWS TO DAYLIGHT IN AREAS THAT WILL NOT DRAIN ACROSS WALKING SURFACES.

C. IF EQUIPMENT IS LOCATED ON THE ROOF, SCREEN EQUIPMENT SO THAT IT IS NOT VISABLE TO THE GUEST AT GRADE LEVEL.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES W/ ALL CRITERIA NOTES.

A0 ARCHITECTURAL

A10 METAL COPING
A14 STONE VENEER
A15 1" PRE-FINISHED ALUM. LOUVER AND FRAME. LOUVER TO HAVE ALUM. BLANK-OFF W/ CORRUGATED POLYMER CORE TO CLOSE OFF AREA AROUND PTAC.
A16 PROVIDE VAPOR BARRIER BETWEEN BLANK-OFF PANEL AND WOOD STUDS
A17 ALUM. SILL W/ DRIP EDGE
A18 SILL FLASHING PER WINDOW MANUF. SPEC'S
A19 A112 & MOISTURE BARRIER
A20 EPS INSULATION BOARD
A21 EPS INSULATION BOARD. BUILD UP WHERE NEEDED. REFER TO WALL SECTIONS
A24 PTAC UNIT ROOM CABINET
A25 PTAC UNIT WALL SLEEVE
A26 CAVITY FOR CONDENSATE DRAIN
A49 COORDINATE CURB HEIGHT SO THAT PTAC GRILL ALIGNS WITH BOTTOM OF ADJACENT WINDOW
A50 DRAPERY POCKET
A58 SINGLE PLY MEMBRANE ROOF OVER TAPERED INSULATIONS SLOPED PER CODE. STARTING INSULATION 1 1/2" AT DRAINS.
A79 PTAC SUBBASE WITH SIDE EXTENSION TRIM & LEVELING BOLTS. SLEEVE SHALL BE INSTALLED OVER MANUFACTURER PROVIDED SUBBASE MAINTAINING A 2% DOWNWARD TILT TO THE EXTERIOR.

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N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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MEP GREEN DESIGN & BUILD
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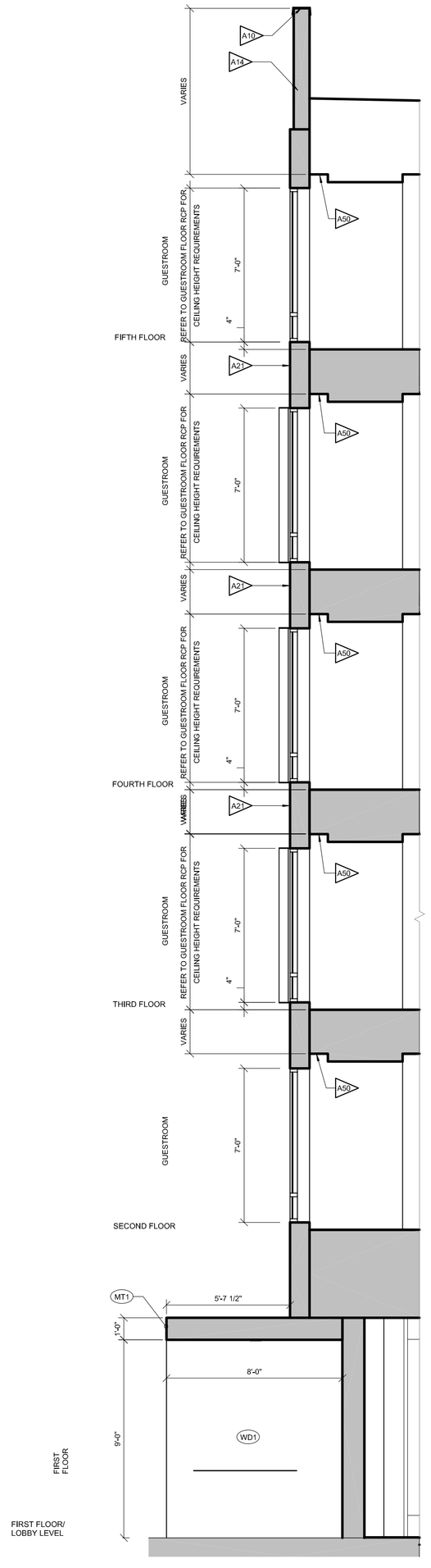
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DRAWING NUMBER
DECOR: XH

A-220

PAGE NUMBER

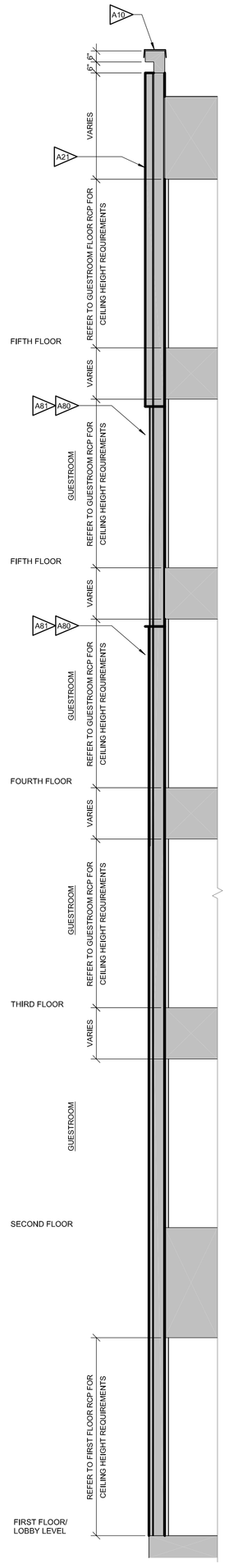
FLORIDA REG.: AR0007005

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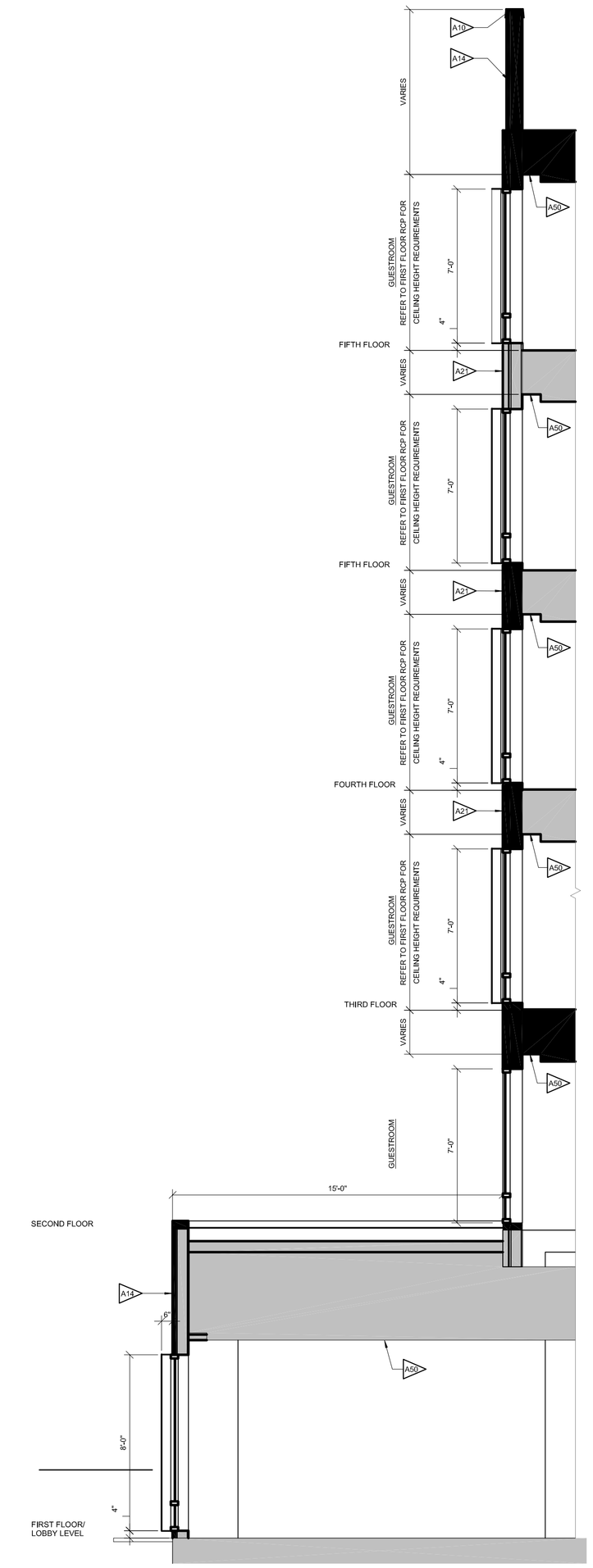
3 WALL PROFILE

SCALE: 1/4" = 1'-0" referenced from: 110



2 WALL PROFILE

SCALE: 1/4" = 1'-0" referenced from: 213



1 WALL PROFILE

SCALE: 1/4" = 1'-0" referenced from: 212

REFERENCE NOTES

A.

GENERAL NOTES

A. WALL PROFILES ARE DRAWN TO PROVIDE INFORMATION REGARDING SPECIFIC FINISH SYSTEMS CONSTRUCTION AND RELATIONSHIPS.

B. PROVIDE INTERNAL DOWNSPOUTS, GUTTERS, ROOF DRAINS, AND OVERFLOWS AS REQUIRED FOR LOCAL RAINFALL. PROVIDE SECONDARY OVERFLOWS TO DAYLIGHT IN AREAS THAT WILL NOT DRAIN ACROSS WALKING SURFACES.

C. IF EQUIPMENT IS LOCATED ON THE ROOF, SCREEN EQUIPMENT SO THAT IT IS NOT VISABLE TO THE GUEST AT GRADE LEVEL.

CRITERIA NOTES

A0 ARCHITECTURAL

A10 METAL COPING

A14 STONE VENEER

A21 EPS INSULATION BOARD. BUILD UP WHERE NEEDED, REFER TO WALL SECTIONS

A50 DRAPERY POCKET

A80 OPTIONAL HOTEL SIGNAGE PER SIGNAGE PACKAGE PROVIDE REQUIRED BACKING. LOCATE POWER CUTOFF FOR EASY ACCESS

A81 OPTIONAL MARRIOTT SIGN TO BE SURFACE MOUNTED INTERNALLY ILLUMINATED CHANNEL LETTERS, SEE SIGNAGE PACKAGE FOR SPECIFICATION

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

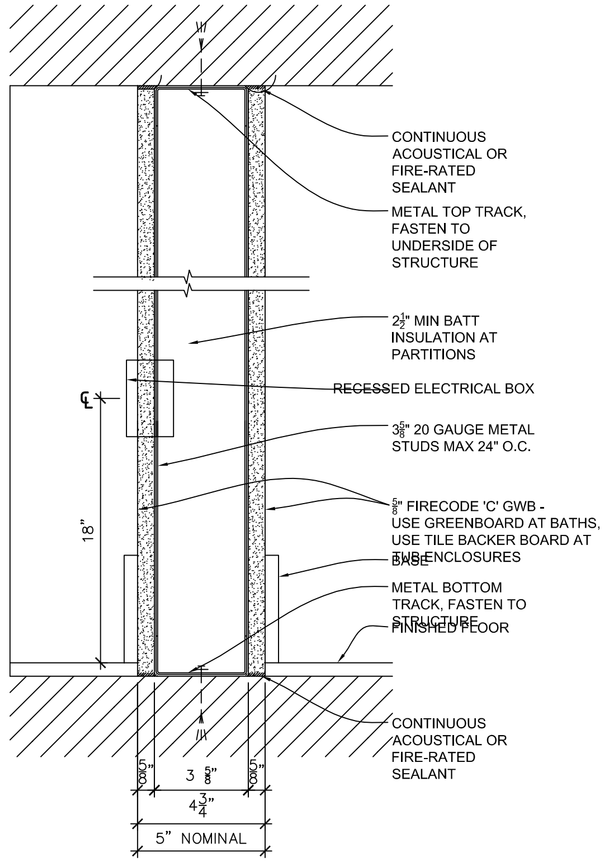
DRAWING NAME

EXTERIOR WALL PROFILES

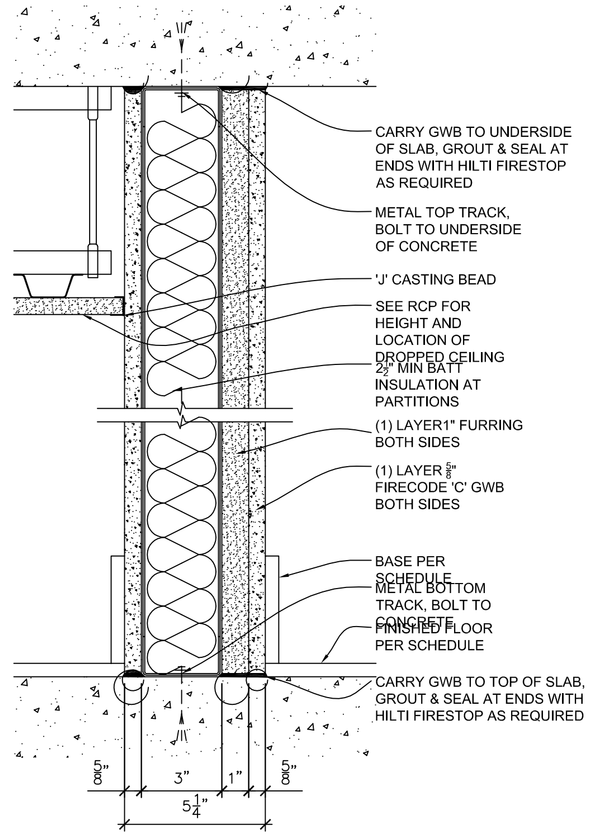
PROJECT NAME

COURTYARD INN,©
Lake City, Florida

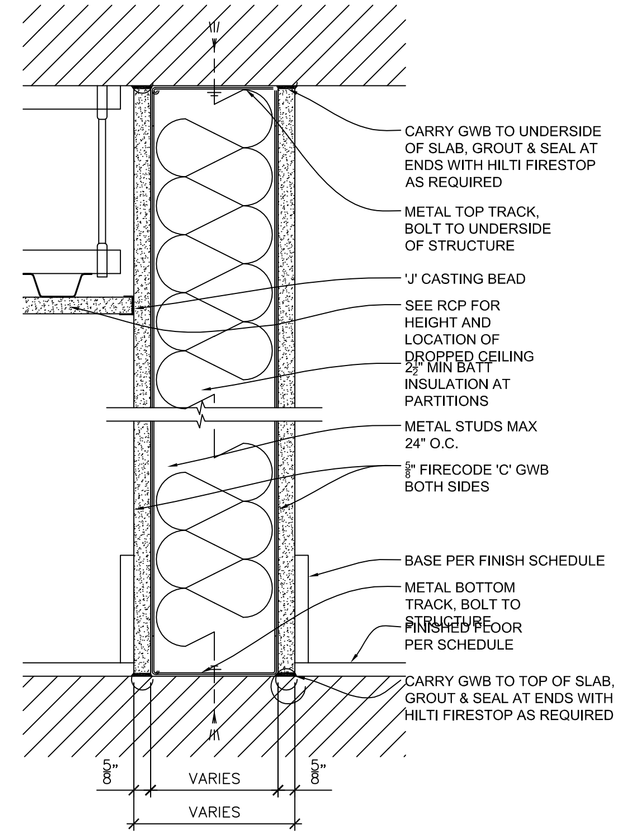
SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-221
	PAGE NUMBER
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



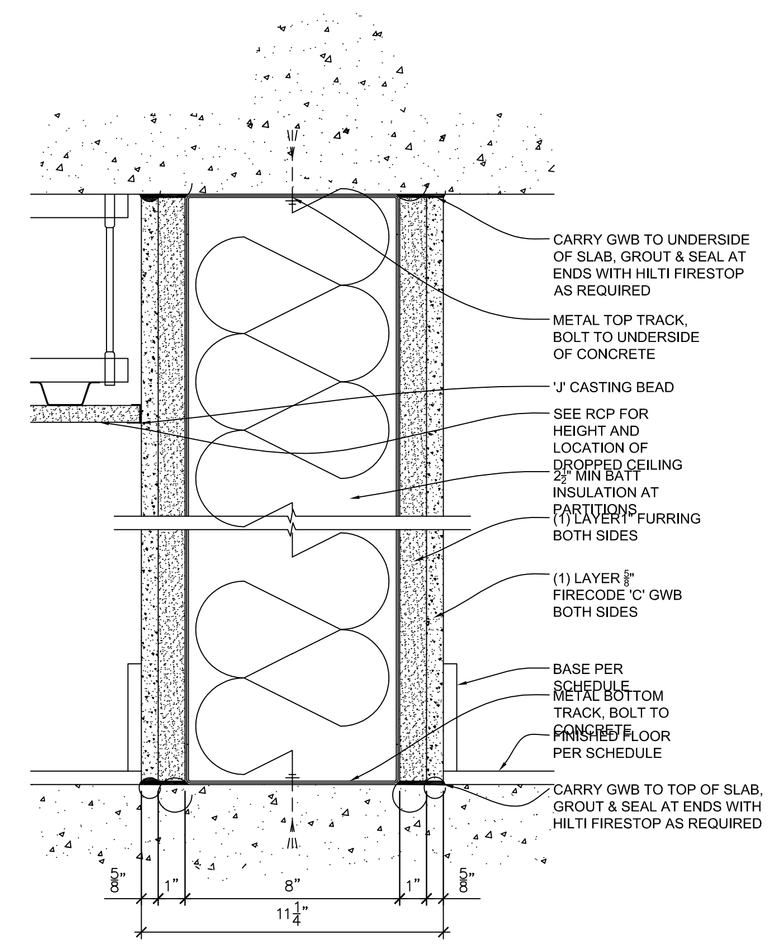
P1 GWB PARTITION - BATHROOMS
3" = 1'



P2 1-HR RATED PARTITION
3" = 1'0"



P3 GWB PARTITION - NON-RATED
3" = 1'0"

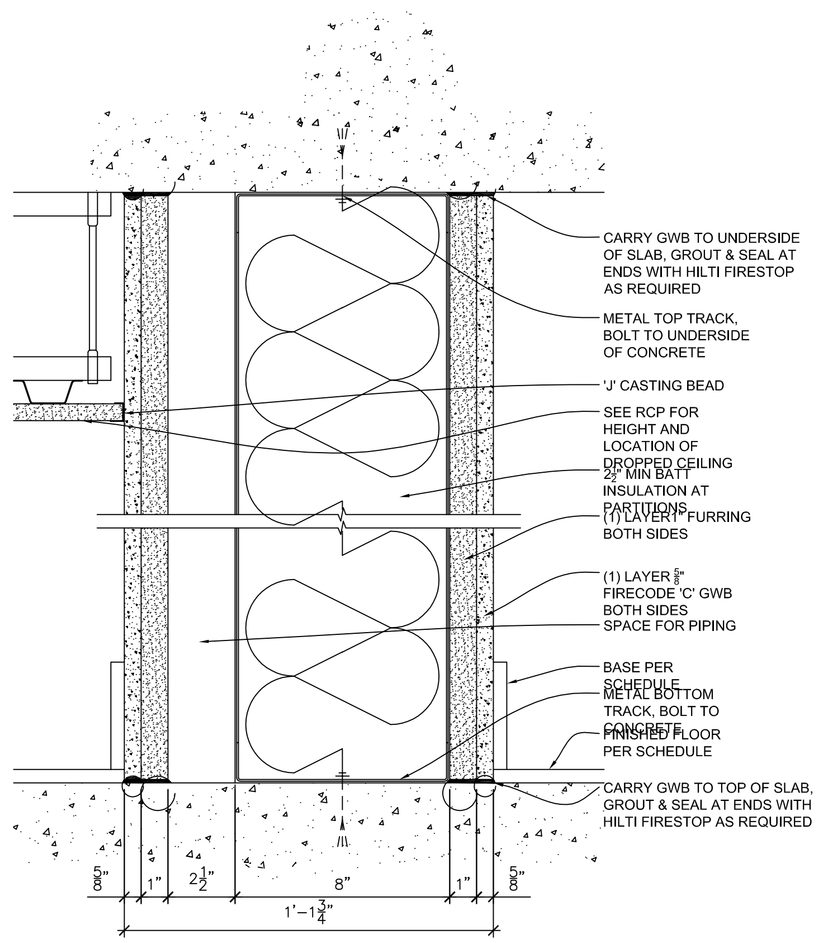


P4 2-HR RATED PARTITION
3" = 1'-0"

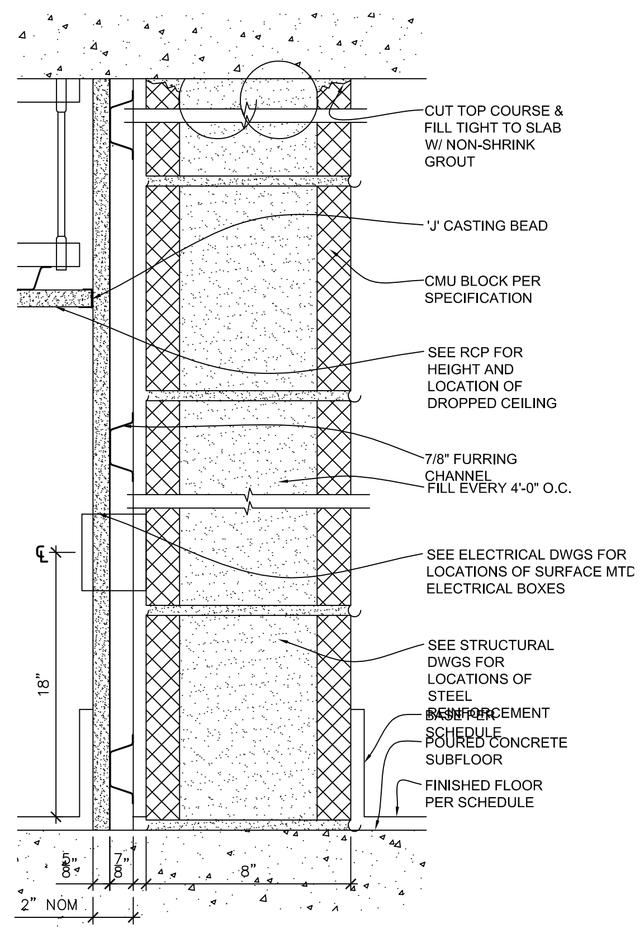
REFERENCE NOTES

A. REFER TO DESIGN STANDARDS, "SITE & BUILDING EXTERIOR" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

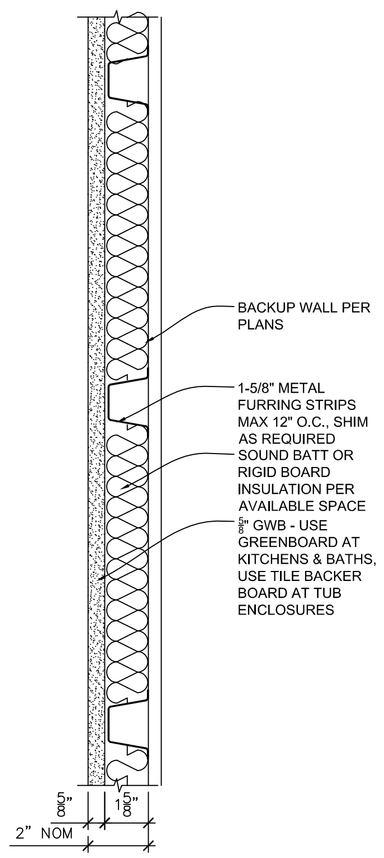
ALLOWABLE DEFLECTION = L / 240



P5 BATHROOM - CORRIDOR PARTITION
3" = 1'-0"

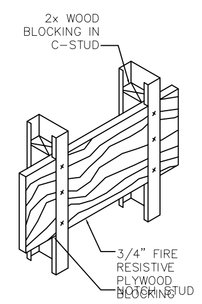


P6 8" CMU PARTITION - 1HR RATED
PARTIAL FILLED
3" = 1'-0"

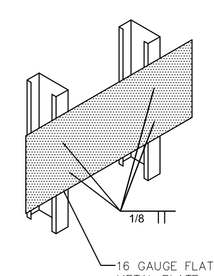


F 2" (NOM) FURRED PARTITION
3" = 1'-0"

CMU VERTICAL SPAN CHART



1 BACKING PLATE
HEAVY LOADS



2 BACKING PLATE
MOERDATE LOADS

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

PARTITION TYPES

PROJECT NAME

COURTYARD INN,° Lake City, Florida

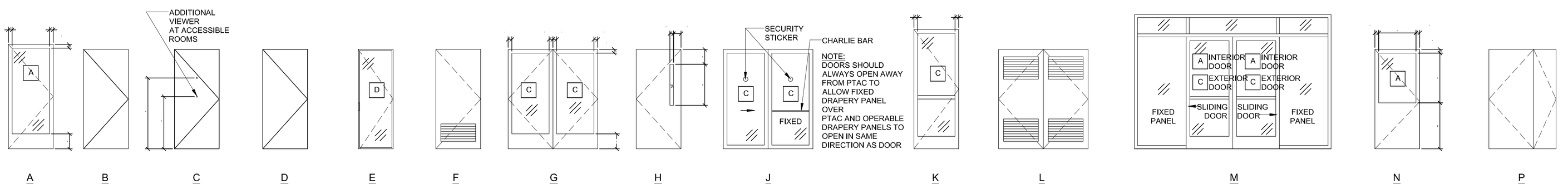
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-222
	PAGE NUMBER
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021

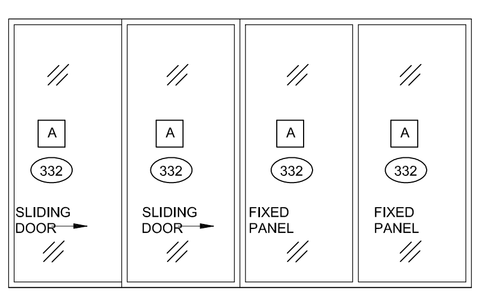
DOOR AND FRAME SCHEDULE

DOOR #	LOCATION(S)	SIZE WIDTH	SIZE HEIGHT	TYPE	PAIR	DOOR MATERIAL	DOOR FINISH	THRESHOLD	HDWR SET	FRAME MATERIAL	NOTES
GUESTROOMS											
01	GUESTROOM ENTRY	3' - 0"	6' - 8"	C	No	SCW	PLAM	IFI	T1/T1A	HM	SEE DETAIL 10/230
02	GUESTROOM BATH	3' - 0"	6' - 8"	D	No	SCW	PLAM	IFI	T2	HM	
03	GUESTROOM CLOSET	2' - 0"	6' - 8"	E	No	MIRROR/SCW	PLAM	-	T4B	HM	STANDARD GUESTROOMS AND CORNER SUITES. DOOR HARDWARE BY SUPPLIER, IDENTIFIED IN 08 11 13
05	COMMUNICATING DOOR	3' - 0"	6' - 8"	B	No	SCW	PLAM	IFI	T5	HM	
06	GUEST CLOSET	2' - 4"	6' - 8"	E1	No	MIRROR/SCW	PLAM	-	T4B	HM	ACCESSIBLE GUESTROOMS & CORNER SUITES. DOOR HARDWARE BY SUPPLIER, IDENTIFIED IN 08 11 13
07	ACCESSIBLE GUEST BATH	3' - 0"	6' - 8"	D	No	SCW	PLAM	IFI	T2A	HM	
08	SUITE BEDROOM	3' - 0"	6' - 8"	B	No	SCW	PLAM	-	T3	HM	
09	GUEST CLOSET	3' - 0"	6' - 8"	E2	Yes	MIRROR/SCW	PLAM	-	T4B	HM	
PUBLIC SPACE											
10	BUSINESS LIBRARY	3' - 0"	6' - 8"	A	No	SCW/GLASS	PLAM		T20	HM	GLASS TO BE IFI #332
11	BUSINESS LIBRARY	17' - 2 3/4"	10' - 0"	Q	Yes	ALUM/GLASS	DARK BRONZE ANOD ALUM		T50	ALUM	*DOOR WIDTH TO BE 8'-7" CLEAR; GLASS TO BE IFI #332
12	ENGINEERING OFFICE	3' - 0"	6' - 8"	B	No	SCW	PLAM		T16	HM	
14	FITNESS CENTER (INTERIOR)	3' - 0"	7' - 6"	A	No	ALUM/GLASS	DARK BRONZE ANOD ALUM		T14C	ALUM	GLASS TO BE IFI #332; WHERE CODE WILL NOT ALLOW ALL GLASS - USE TYPE N WITH HDWR T24
15	GUEST LAUNDRY	3' - 0"	6' - 8"	N	No	SCW/GLASS	PLAM		T14C	ALUM	WHERE CODE WILL NOT ALLOW ALL GLASS - USE TYPE N WITH HDWR T24
16	MEN/WOMEN	3' - 0"	6' - 8"	B	No	SCW	PLAM		T23	HM	
17	EMPLOYEE RESTROOM	3' - 0"	6' - 8"	B	No	SCW	PLAM		T29	HM	
18	EMPLOYEE BREAKROOM	3' - 0"	6' - 8"	B	No	SCW	PLAM		T28	HM	45 MIN IN CORRIDOR LOCATIONS
19	LAUNDRY (CORRIDOR)	6' - 0"	6' - 8"	B	Yes	SCW	PLAM		T27	HM	USE 3068 AND 2068 DOORS IF 6' WIDTH WILL NOT FIT
21	LAUNDRY CHUTE	3' - 0"	6' - 8"	H	No	HM	PTD		T16	HM	
22	LAUNDRY (WORKROOM)	3' - 0"	6' - 8"	B	No	HM	PTD		T16	HM	
23	LUGGAGE	3' - 0"	6' - 8"	B	No	SCW	PLAM		T30	HM	
24	OFFICE/SERVER	3' - 0"	6' - 8"	F	No	SCW	PLAM		T30	HM	
25	WORKROOM	3' - 0"	6' - 8"	B	No	SCW	PLAM		T26	HM	
26	VESTIBULE/ENTRY (INTERIOR)	13' - 2"	7' - 6"	M	Yes	ALUM/GLASS	DARK BRONZE ANOD ALUM	MFR	T15A	ALUM	*DOOR WIDTH TO BE 6'-0" CLEAR; TILE TRANSITION AT THRESHOLD; AUTOMATIC DOOR HDWR BY SUPPLIER
28	KITCHEN (FROM CORRIDOR)	3' - 0"	6' - 8"	B	No	HM	PTD		T31A	HM	
29	KITCHEN STORAGE	3' - 0"	6' - 8"	B	No	HM	PTD		T16	HM	
30	MEETING ROOM	6' - 0"	6' - 8"	G	Yes	SCW/GLASS	PLAM		T20	HM	GLASS TO BE IFI #332
31	MEETING CLOSET	3' - 0"	6' - 8"	B	No	SCW	PLAM		T32	HM	
32	ELECTRICAL (INTERIOR)	3' - 0"	6' - 8"	B	No	SCW	PLAM	ALUM	T16	HM	
36	DRYER ACCESS	2' - 0"	6' - 8"	B	No	HM	PTD		T35	HM	
83	GOBOARD CLOSET	2' - 8"	6' - 8"	F	No	SCW	PLAM		T30	HM	
GUESTROOM CORRIDORS											
40	LINEN STORAGE/ CHUTE	3' - 0"	6' - 8"	B	No	HM	PTD		T16	HM	
41	CROSS CORRIDOR	4' - 6"	6' - 8"	P	Yes	HM	PTD		T33	HM	
42	CROSS CORRIDOR	3' - 0"	6' - 8"	B	No	HM	PTD		T1F	HM	Lockout door 42 is provided to allow two guestrooms to be occupied by the same guest, or each guestroom to be occupied by separate guests. See hardware set T1F for special hardware. Card reader for magnetic door lock to be locked on interior wall of vestibule on wall next to door frame.
45	STORAGE	3' - 0"	6' - 8"	B	No	HM	PTD		T17	HM	
46	MECHANICAL (INTERIOR)	3' - 0"	6' - 8"	B	No	SCW	PLAM		T16	HM	
STAIRS/ELEVATORS											
50	STAIR (INTERIOR)	3' - 0"	6' - 8"	H	No	HM	PTD		T10	HM	
51	STAIR (EXTERIOR)	3' - 0"	7' - 0"	B	No	HM	PTD		T11	HM	
EXTERIOR DOORS											
60	CORRIDOR TO EXTERIOR	3' - 0"	8' - 0"	K	No	ALUM/GLASS	DARK BRONZE ANOD ALUM	ALUM	T12	ALUM	PIVOTS, THRESHOLDS, DOOR SEAL BY DOOR SUPPLIER
61	VESTIBULE/ENTRY (EXTERIOR)	13' - 2"	7' - 6"	M	Yes	ALUM/GLASS	DARK BRONZE ANOD ALUM	MFR	T15	ALUM	*DOOR WIDTH TO BE 6'-0" CLEAR; PIVOTS, THRESHOLDS, DOOR SEAL BY DOOR SUPPLIER
62	LOUNGE TO EXTERIOR	6' - 0"	7' - 6"	G	Yes	ALUM/GLASS	DARK BRONZE ANOD ALUM	ALUM	T12C	ALUM	PIVOTS, THRESHOLDS, DOOR SEAL BY DOOR SUPPLIER
63	MECHANICAL TO EXTERIOR	6' - 0"	7' - 0"	L	Yes	HM	PTD	ALUM	T16A	HM	
64	ELECTRICAL (EXTERIOR)	6' - 0"	7' - 0"	L	Yes	HM	PTD	ALUM	T16A	HM	
65	KITCHEN TO EXTERIOR	3' - 0"	7' - 0"	B	No	HM	PTD	ALUM	T16A	HM	
67	FITNESS CENTER (EXTERIOR)	3' - 0"	7' - 6"	K	No	ALUM/GLASS	DARK BRONZE ANOD ALUM	ALUM	T14	ALUM	GLASS TO RECEIVE FILM (IFI #333)
68	MEETING ROOM (EXTERIOR)	3' - 0"	7' - 6"	K	No	ALUM/GLASS	DARK BRONZE ANOD ALUM	ALUM	T13	ALUM	
MISCELLANEOUS											
70	SERVICE YARD GATE	11' - 6"	7' - 4"		Yes				T43		REFER TO SHEET 114/ POOL GATES TO HAVE CARD KEY ACCESS
71	SERVICE YARD GATE	6' - 0"	7' - 4"		Yes				T44		REFER TO SHEET 114/ POOL GATES TO HAVE CARD KEY ACCESS
72	COURTYARD GATE	3' - 0"	8' - 0"		No				T41		REFER TO SHEET 114/ POOL GATES TO HAVE CARD KEY ACCESS
73	COURTYARD GATE	6' - 0"	5' - 4"		Yes				T42		REFER TO SHEET 114/ POOL GATES TO HAVE CARD KEY ACCESS

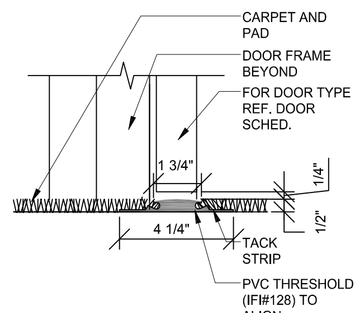
DOOR AND FRAME SCHEDULE - OPTIONAL DOORS

DOOR #	LOCATION(S)	SIZE WIDTH	SIZE HEIGHT	TYPE	PAIR	DOOR MATERIAL	DOOR FINISH	THRESHOLD	HDWR SET	FRAME MATERIAL	NOTES
GUESTROOMS											
04	PATIO DOOR	6' - 0"	6' - 8"	J	Yes	ALUM	DARK BRONZE ANOD ALUM	MFR	T6	ALUM	
PUBLIC SPACE											
38	POOL STORAGE	3' - 0"	6' - 8"	B	No	HM	PTD		T21	HM	
39	BOARDROOM	3' - 0"	6' - 8"	B	No	SCW	PLAM		T5	WD	

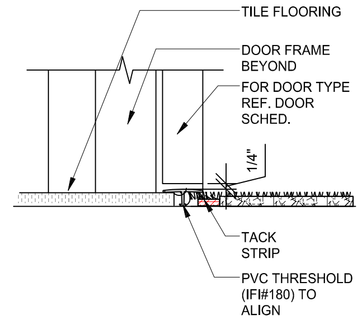




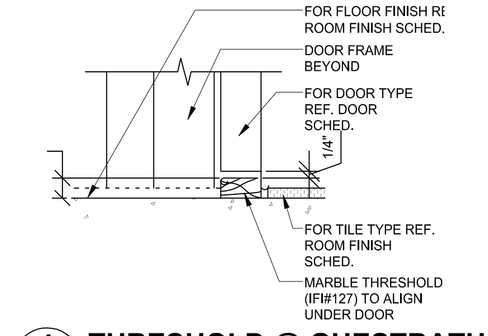
1 DOOR TYPES
SCALE: 1/4" = 1'-0"



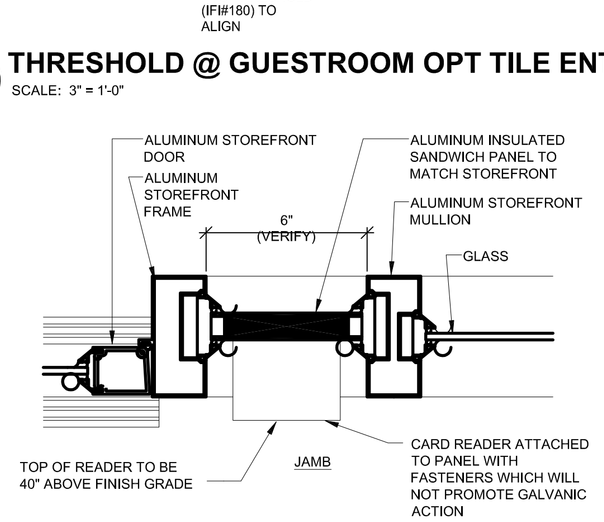
8 THRESHOLD @ GUESTROOM ENTRY
SCALE: 3" = 1'-0"



7 THRESHOLD @ GUESTROOM OPT TILE ENTRY
SCALE: 3" = 1'-0"



4 THRESHOLD @ GUESTBATH
SCALE: 3" = 1'-0"



NOTE: ALUMINUM STOREFRONT FRAME SECTIONS SHOWN ARE GENERIC. REFER TO SPECIFIC SYSTEM MANUFACTURERS INSTALLATION SECTIONS AND FRAME DETAILS.

2 CARD READER DETAIL
SCALE: 3" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

1. DOOR THICKNESS OF ALL DOORS IS 1 3/4" UNLESS NOTED OTHERWISE.
2. VERIFY SIZES OF DOORS LEADING INTO ROOMS HOUSING EQUIPMENT, I.E. AS THE LAUNDRY ROOM OR THE MECHANICAL ROOM, TO ENSURE DOOR IS WIDE ENOUGH TO ALLOW FOR REMOVAL AND REPLACMENT OF EQUIPMENT.
3. ALL HOLLOW METAL DOORS AND FRAMES TO BE PAINTED.
4. EXTERIOR PAINT COLOR TO MATCH ADJACENT EXTERIOR MATERIALS.
5. TOPS AND BOTTOMS OF ALL HOLLOW METAL DOORS EXPOSED TO WEATHER SHALL BE PAINTED.
6. ALL PUBLIC SPACE DOORS TO HAVE PLASTIC LAMINATE FINISH, UNLESS NOTED OTHERWISE.
7. ALLOW FOR PLASTIC LAMINATE FACES AT DOOR FRAMES. ADJUST HINGES AS REQUIRED.
8. PROVIDE SAFETY GLASS WHERE REQUIRED BY CODE.
9. DOOR HARDWARE TO BE CENTERED ON RAIL OF PANEL DOORS.
10. HINGE-MOUNTED DOOR STOPS NOT ALLOWED.
11. DOOR GUARDS AT THE GUESTROOM ENTRY DOORS REQUIRE A SPACER TO CLEAR THE DOOR TRIM.

GLAZING SCHEDULE

refer to specifications for thickness and type.

- A — SAFETY / TEMPERED (typical interior doors)
- B — FIRE RESISTIVE GLAZING (typical stair and fire doors)
- C — INSULATED / SAFETY (typical exterior doors)
- D — MIRROR
- E — UNICEL - VIULITE SL20C (with thumb wheel)

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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	90% SET	11.20.2018

DRAWING NAME

DOOR SCHEDULE AND DETAILS

PROJECT NAME

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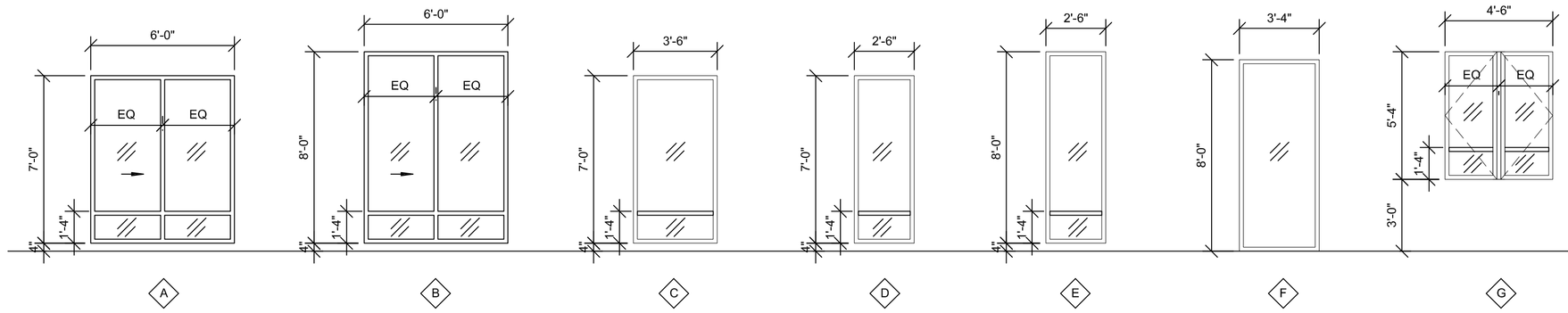
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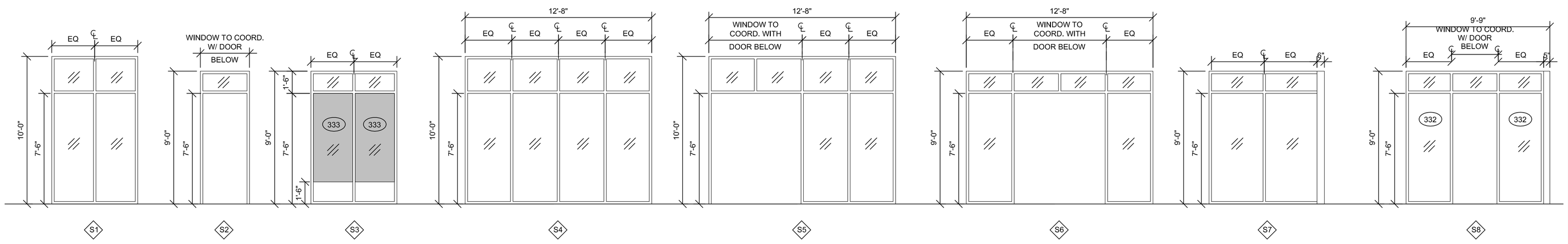
WINDOW SCHEDULE

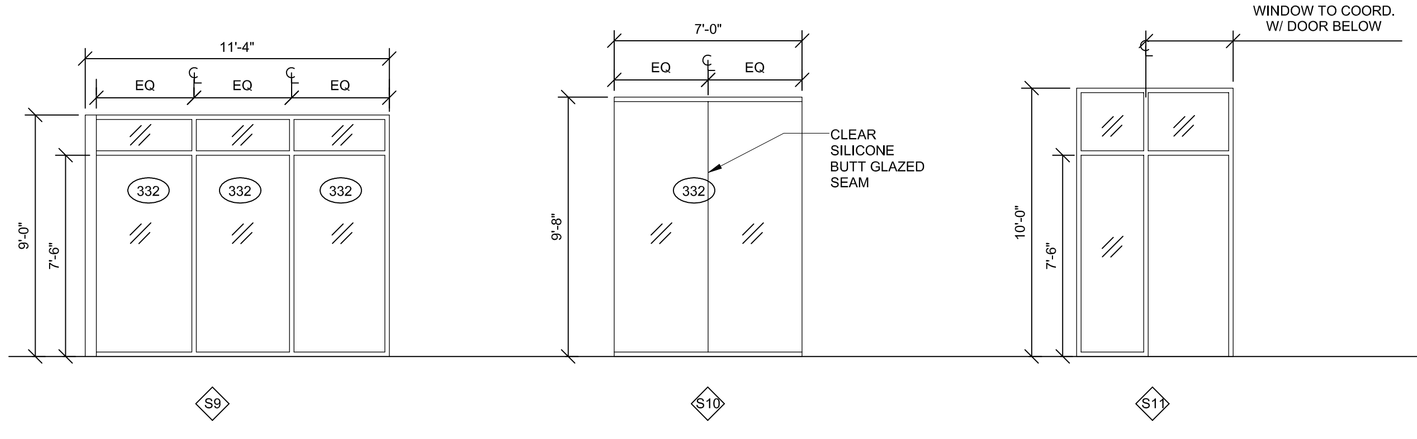
TYPE	DESCRIPTION	LOCATION	WIDTH	HEIGHT	FRAME MAT'L	WINDOW NOTES
A	FIXED/ OPERABLE SASH	TYPICAL GUESTROOM	6'-0"	7'-0"	ALUMINUM	SLIDING PANEL TO OPEN AWAY FROM PTAC - COORDINATE WITH DRAPERIES
B	FIXED/ OPERABLE SASH	TYPICAL GUESTROOM	6'-0"	8'-0"	ALUMINUM	SLIDING PANEL TO OPEN AWAY FROM PTAC - COORDINATE WITH DRAPERIES
C	FIXED	GUESTROOM/ STORAGE	3'-6"	7'-0"	ALUMINUM	
D	FIXED	GUESTROOM	2'-6"	7'-0"	ALUMINUM	
E	FIXED	GUESTROOM	2'-6"	8'-0"	ALUMINUM	
F	FIXED	CORRIDOR	3'-4"	8'-0"	ALUMINUM	
G	DOUBLE CASEMENT	ADMINISTRATION AREA	4'-6"	5'-4"	ALUMINUM	

STOREFRONT SCHEDULE

TYPE	DESCRIPTION	SIZE	WIDTH	HEIGHT	FRAME MAT'L	WINDOW NOTES
S1	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	
S2	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	COORDINATE WITH DOOR TYPE 67
S3	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	GLASS TO RECEIVE FILM (IFI #333)
S4	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	
S5	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	COORDINATE WITH DOOR TYPE 62
S6	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	COORDINATE WITH DOOR TYPE 62
S7	INTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	
S8	INTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	COORDINATE WITH DOOR TYPE 14; GLASS TO BE IFI #332
S9	INTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	GLASS TO BE IFI #332
S10	INTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	GLASS TO BE IFI #332
S11	EXTERIOR STOREFRONT	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	SEE PLAN + ELEVATIONS	ALUMINUM	







1 WINDOW TYPES
SCALE: 1/4" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO SPEC SECTION 08 75 16 FOR OPERABLE WINDOW HARDWARE AT ACCESSIBLE ROOMS.

GENERAL NOTES

1. PROVIDE MECHANICALLY FASTENED TAMPER PROOF, 4" MAX. OPENING LIMITING DEVICES AT ALL OPERABLE WINDOWS.
2. SEE BUILDING ELEVATION FOR SILL HEIGHTS. CO-ORDINATE WINDOW SILL HEIGHTS WITH REVEAL LOCATIONS.
3. PROVIDE SAFETY GLASS WHERE REQUIRED BY CODE.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

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HOUSTON, TX 77058
P: 281-786-1195
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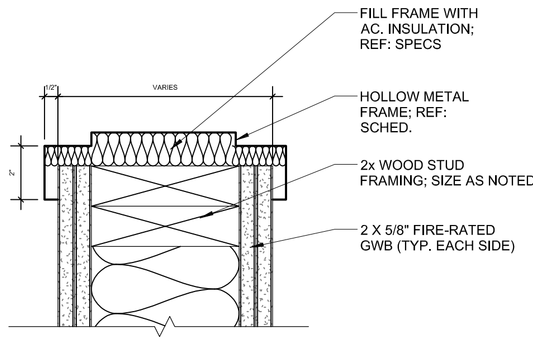
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WINDOW SCHEDULE AND DETAILS

PROJECT NAME

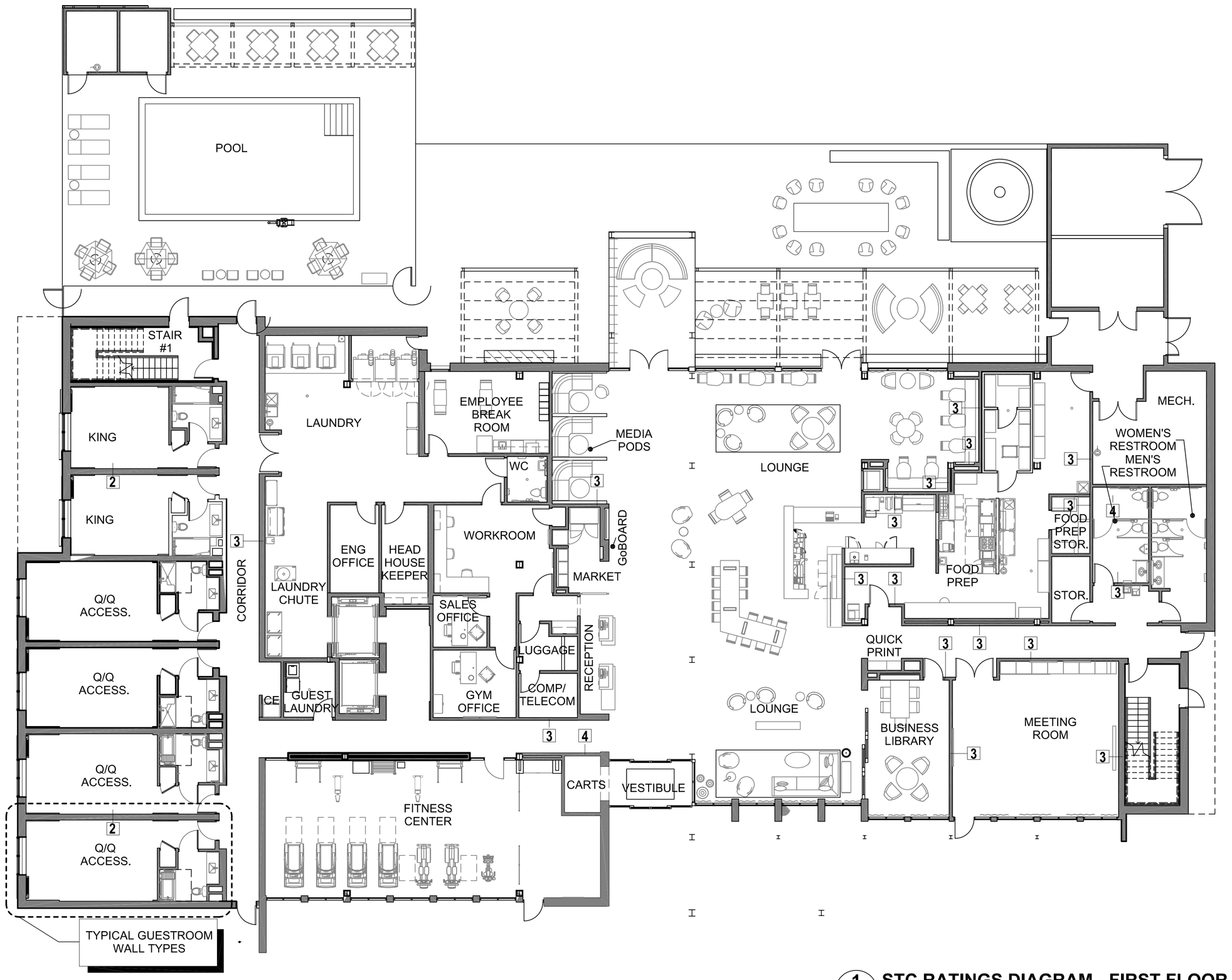
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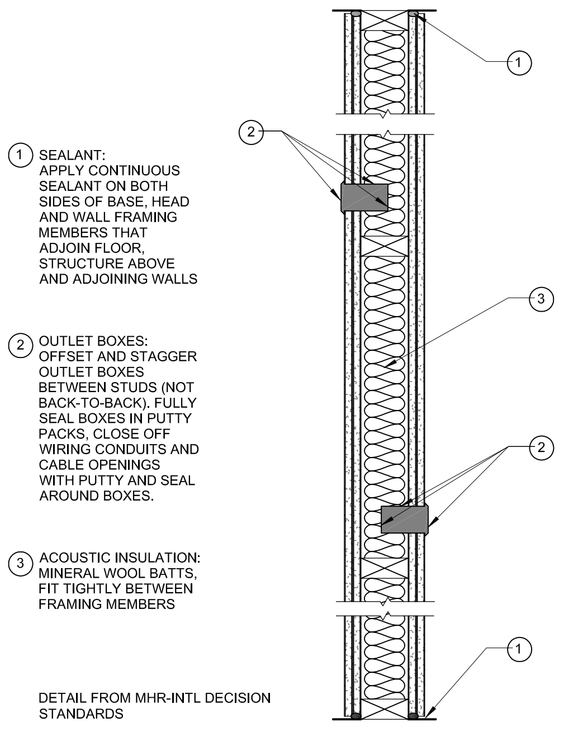
4 GUESTROOM ENTRY & CONNECTOR DOOR

SCALE: 3" = 1'-0"



1 STC RATINGS DIAGRAM - FIRST FLOOR

SCALE: 3/32" = 1'-0"



3 ACOUSTIC WALL PLAN/ SECTION

SCALE: 1 1/2" = 1'-0"

ACOUSTIC REQUIREMENTS - CONSTRUCTION CRITERIA

TYPE	PARTITION LOCATION	STC	IIC
1	FLOOR / CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT / CHASE WALL BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATORS, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

Table from Courtyard by Marriott Design Standards; Chapter 7 Guest Accommodations; Figure 7-2: STC (A) coustics - Table.

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "GUESTROOMS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

1. STC PARTITION DIAGRAM BASED ON OUTDOOR POOL. ADJUST ASSEMBLIES ACCORDING TO THE SPECIFIC LAYOUT.
2. COORDINATE PARTITION ASSEMBLIES W/ FINISHES. PROVIDE APPROPRIATE SUBSTRATE & FINISH LEVEL BASED ON USE AND APPLIED FINISH.

SYMBOLS

X PARTITION ACOUSTIC RATING - STC TAG, SEE CHART SHEET 240.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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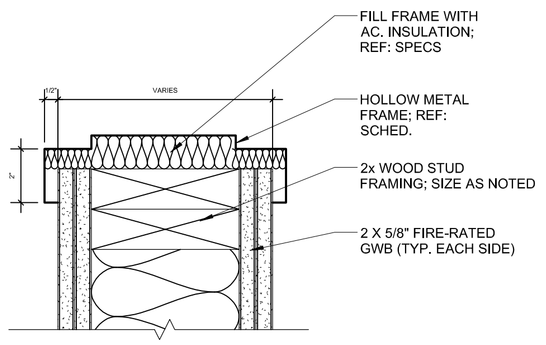
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STC DIAGRAM

PROJECT NAME

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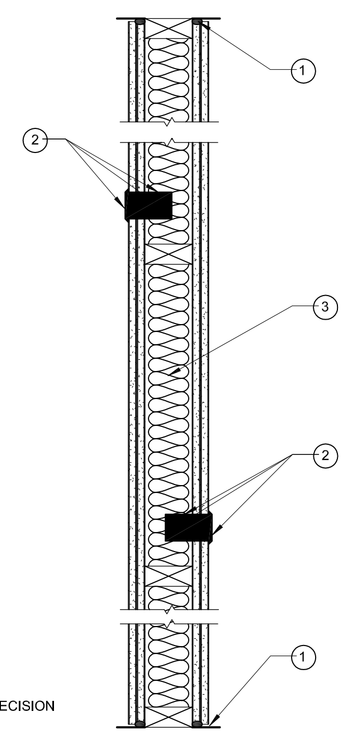
4 GUESTROOM ENTRY & CONNECTOR DOOR

SCALE: 3" = 1'-0"



2 STC RATINGS DIAGRAM - SECOND FLOOR

SCALE: 3/32" = 1'-0"



1. SEALANT: APPLY CONTINUOUS SEALANT ON BOTH SIDES OF BASE, HEAD AND WALL FRAMING MEMBERS THAT ADJOIN FLOOR, STRUCTURE ABOVE AND ADJOINING WALLS
2. OUTLET BOXES: OFFSET AND STAGGER OUTLET BOXES BETWEEN STUDS (NOT BACK-TO-BACK). FULLY SEAL BOXES IN PUTTY PACKS, CLOSE OFF WIRING CONDUITS AND CABLE OPENINGS WITH PUTTY AND SEAL AROUND BOXES.
3. ACOUSTIC INSULATION: MINERAL WOOL BATTS, FIT TIGHTLY BETWEEN FRAMING MEMBERS

DETAIL FROM MHR-INTL DECISION STANDARDS

3 ACOUSTIC WALL PLAN/ SECTION

SCALE: 1 1/2" = 1'-0"

ACOUSTIC REQUIREMENTS - CONSTRUCTION CRITERIA

TYPE	PARTITION LOCATION	STC	IIC
1	FLOOR / CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT / CHASE WALL BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATORS, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

Table from Courtyard by Marriott Design Standards; Chapter 7 Guest Accommodations; Figure 7-2: STC Acoustics - Table.

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "GUESTROOMS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

1. STC PARTITION DIAGRAM BASED ON OUTDOOR POOL. ADJUST ASSEMBLIES ACCORDING TO THE SPECIFIC LAYOUT.
2. COORDINATE PARTITION ASSEMBLIES W/ FINISHES PROVIDE APPROPRIATE SUBSTRATE & FINISH LEVEL BASED ON USE AND APPLIED FINISH.

SYMBOLS

X — PARTITION ACOUSTIC RATING - STC TAG, SEE CHART SHEET 240.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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CIVIL ENGINEER

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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ORLANDO, FLORIDA 32817
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F: 407.730.2999
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MEP ENGINEER

MEP GREEN DESIGN & BUILD
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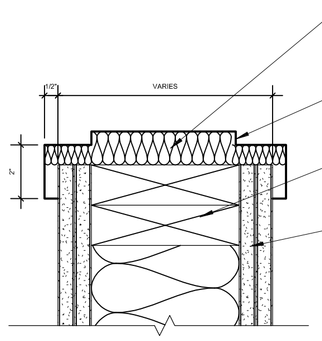
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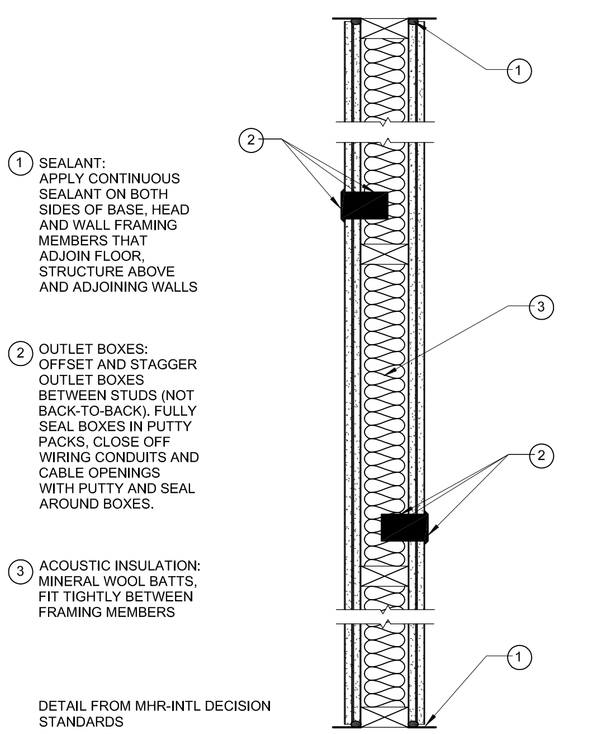
4 GUESTROOM ENTRY & CONNECTOR DOOR

SCALE: 3" = 1'-0"



2 STC RATINGS DIAGRAM - THIRD TO SIXTH FLOOR

SCALE: 3/32" = 1'-0"



3 ACOUSTIC WALL PLAN/ SECTION

SCALE: 1 1/2" = 1'-0"

ACOUSTIC REQUIREMENTS - CONSTRUCTION CRITERIA

TYPE	PARTITION LOCATION	STC	IIC
1	FLOOR / CEILING ASSEMBLY	55	50+
2	GUESTROOM PARTY WALL (INCLUDING SHAFT / CHASE WALL BETWEEN GUEST BATHS)	55	
3	GUESTROOM ADJACENT TO PUBLIC AND MEETING SPACES, SERVICE AREAS, ELEVATORS, EQUIPMENT ROOMS, LAUNDRY AND SIMILAR SPACES	55+	
4	CORRIDOR WALLS	50	

Table from Courtyard by Marriott Design Standards; Chapter 7 Guest Accommodations; Figure 7-2: STC (IIC) Acoustics - Table.

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "GUESTROOMS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

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2. COORDINATE PARTITION ASSEMBLIES W/ FINISHES PROVIDE APPROPRIATE SUBSTRATE & FINISH LEVEL BASED ON USE AND APPLIED FINISH.

SYMBOLS

X — PARTITION ACOUSTIC RATING - STC TAG.
SEE CHART SHEET 240.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
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NICHOLAS PAUL GEISLER, ARCHITECT
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1 FIRST FLOOR/LOBBY LEVEL AREA PLAN

SCALE: 1/4" = 1'-0"

REFERENCE NOTES

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B. REFER TO DESIGN STANDARDS "ELEVATOR" CHAPTER FOR ELEVATOR PLANNING REQUIREMENTS INCLUDING ELEVATOR TYPE, SIZE, QUANTITY, PERFORMANCE CRITERIA AND FEATURES PER SPECIFIC PROJECT SIZE AND LAYOUT.

C. REFER TO 300 SERIES FOR ENLARGED PUBLIC SPACE PLANS AND DETAILS.

D. REFER TO 500 SERIES FOR GUESTROOM PLANS AND DETAILS.

GENERAL NOTES

1. THE LOCATIONS OF ACCESSIBLE UNITS SHOWN ARE SUGGESTED AND MEET THE REQUIREMENTS FOR THE NUMBER OF ACCESSIBLE UNITS IN THE IBC. ACTUAL NUMBERS REQUIRED AND LOCATIONS FOR A SPECIFIC PROJECT ARE TO BE DETERMINED BY THE ARCHITECT OF RECORD.

2. DESIGN CONSULTANT MUST SUBMIT A COMPREHENSIVE INTERIOR GRAPHIC/SIGNAGE LAYOUT (INCLUDING ELEVATIONS), FULLY COORDINATED WITH ANY ELECTRICAL, ARTWORK OR OTHER WALL-MOUNTED ITEMS, FOR REVIEW AND ACCEPTANCE.

3. GRID DIMENSIONS BASED ON MAINTAINING 13'-1" MIN. CLEAR WIDTH INSIDE GUESTROOMS USING 6" PARTITIONS FOR NON LOAD BEARING WALLS AND 8" PARTITIONS FOR LOAD BEARING WALLS. ADJUST GRID DIMENSION AS REQ'D TO MAINTAIN 13'-1" CLEAR WIDTH IN GUESTROOMS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

COORDINATE TRENCHING AND J-BOX LOCATIONS FOR BAR

SYMBOLS

D DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

LOBBY LEVEL PLAN

PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-300
	PAGE NUMBER 34

FLORIDA REG.: AR0007005

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1 **LOBBY AREAS RCP**
SCALE: 1/4" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO DESIGN STANDARDS "ELEVATOR" CHAPTER FOR ELEVATOR PLANNING REQUIREMENTS INCLUDING ELEVATOR TYPE, SIZE, QUANTITY, PERFORMANCE CRITERIA AND FEATURES PER SPECIFIC PROJECT SIZE AND LAYOUT.

C. REFER TO 300 SERIES FOR ENLARGED PUBLIC SPACE PLANS AND DETAILS.

D. REFER TO 500 SERIES FOR GUESTROOM PLANS AND DETAILS.

GENERAL NOTES

1. THE LOCATIONS OF ACCESSIBLE UNITS SHOWN ARE SUGGESTED AND MEET THE REQUIREMENTS FOR THE NUMBER OF ACCESSIBLE UNITS IN THE IBC. ACTUAL NUMBERS REQUIRED AND LOCATIONS FOR A SPECIFIC PROJECT ARE TO BE DETERMINED BY THE ARCHITECT OF RECORD.

2. DESIGN CONSULTANT MUST SUBMIT A COMPREHENSIVE INTERIOR GRAPHICSIGNAGE LAYOUT (INCLUDING ELEVATIONS), FULLY COORDINATED WITH ANY ELECTRICAL, ARTWORK OR OTHER WALL-MOUNTED ITEMS, FOR REVIEW AND ACCEPTANCE.

3. GRID DIMENSIONS BASED ON MAINTAINING 13'-1" MIN. CLEAR WIDTH INSIDE GUESTROOMS USING 8" PARTITIONS FOR NON LOAD BEARING WALLS AND 8" PARTITIONS FOR LOAD BEARING WALLS. ADJUST GRID DIMENSION AS REQ'D TO MAINTAIN 13'-1" CLEAR WIDTH IN GUESTROOMS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

A12 LINEAR LIGHT FIXTURES AT LOGGIA TO BE EQUALLY SPACED. ARCHITECT TO COORDINATE EXACT LOCATION WITH LOGGIA CEILING MATERIAL

ID0 INTERIOR DESIGN:

ID14 REFER TO ID SPEC MANUAL FOR MEDIA POD PENDANT OPTIONS

ID15 GRILLS, SPEAKERS, AND DIFFUSERS TO MATCH FINISH OF ADJACENT CEILING, U. N. O.

ID20 CENTER LIGHT ON TABLE BELOW

E0 ENGINEERING:

E72 USE LINEAR HVAC DIFUSSERS IN LOBBY AND PUBLIC SPACES

E85 LIGHT AT TOE KICK OF FRONT BAR, AT UNDERSIDE OF COMMUNAL TABLE TOP, AND BEHIND ELEVATOR LOBBY GLASS ACCENT WALL.

E86 LIGHT BEHIND BACK BAR FOCAL WALL

SYMBOLS

(D) DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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LAKE CITTY, FLORIDA 32055
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DRAWING NAME

ENLARGED LOBBY LEVEL RCP

PROJECT NAME

COURTYARD INN,° Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-301
	PAGE NUMBER 46
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



1 LOBBY AREAS- FURNITURE AND FINISH PLAN
SCALE: 1/4" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

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CRITERIA NOTES

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ID0 INTERIOR DESIGN:

ID19 REFER TO WINDOW TREATMENT & ACCESSORIES PACKAGE FOR OPTIONAL ROLLING SHADES

ID24 ALL EXTERIOR CORNERS IN CORRIDORS SHALL HAVE FULL HEIGHT CORNER GUARDS

ID28 PROVIDE SCHLUTER TRANSITION STRIP

SYMBOLS

(D) DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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404 NW HALL OF FAME DRIVE
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AR0007005
LAKE CITTY, FLORIDA 32055
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ENLARGED LOBBY LEVEL FINISH PLAN

PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE

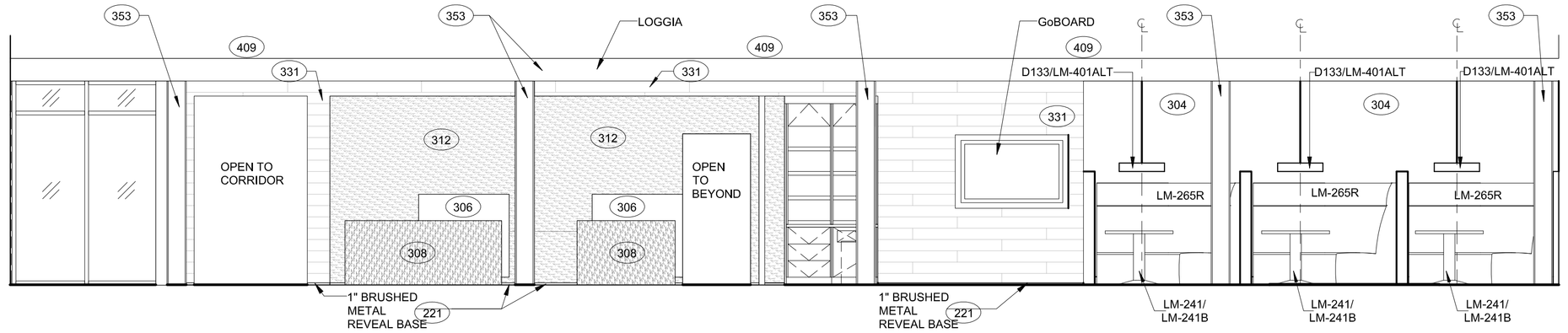
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-302

PAGE NUMBER 47

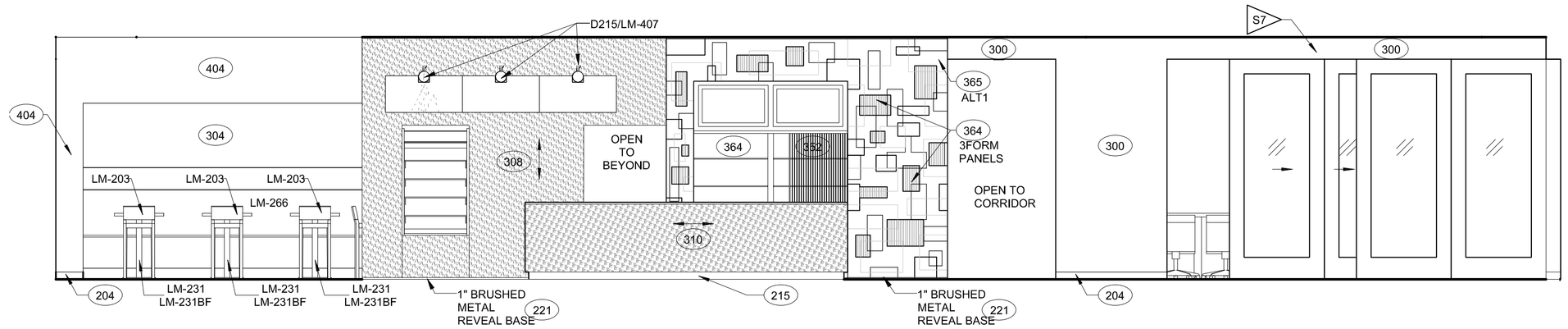
FLORIDA REG.: AR0007005

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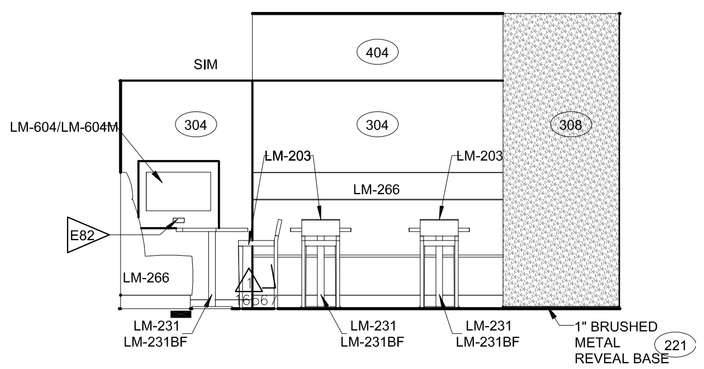
4 LOBBY WEST ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 112



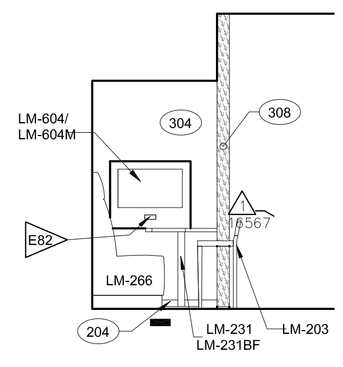
3 LOBBY EAST ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 112



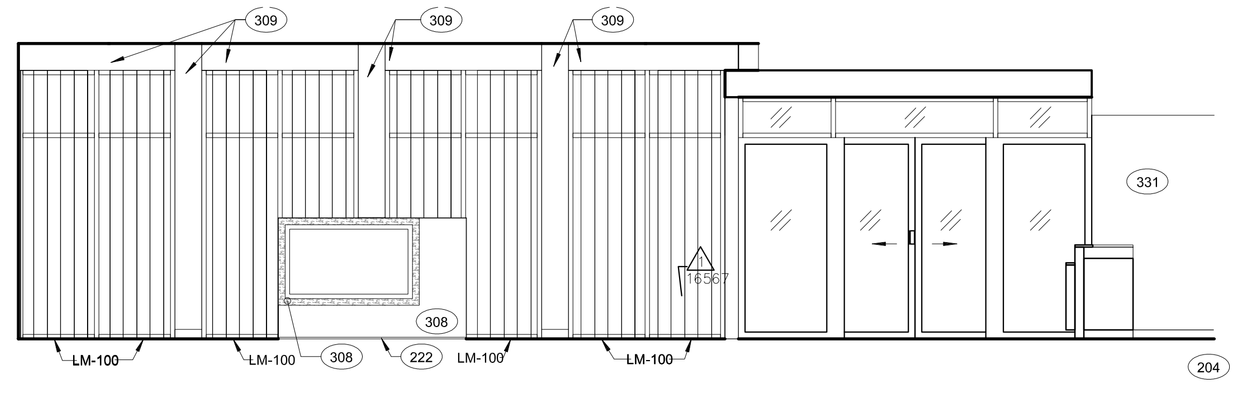
14 ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 300



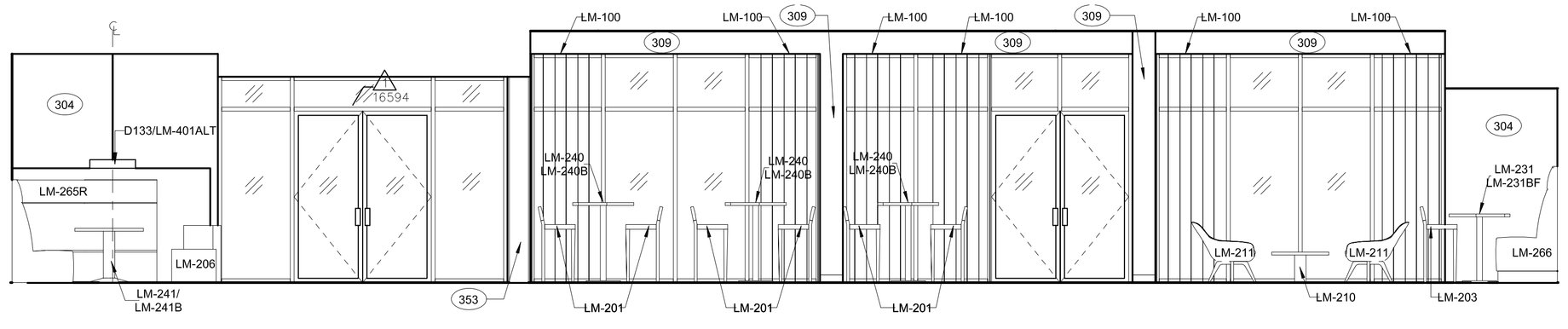
10 ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 300



2 LOBBY SOUTH ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 300



1 LOBBY NORTH ELEVATION

SCALE: 1/4" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. ALL SWITCH AND RECEPTACLE DEVICES IN THE LOBBY SHALL BE SIMILAR TO "DECORA" STYLE, OR ACCEPTED SUBSTITUTION BY LISTED MANUFACTURERS. COLOR OF THE DEVICES AND COVER PLATES IS SPECIFIED UNDER THE COVER PLATE COVER TABLE IN PROJECT MANUAL MASTER SECTION 26 27 26.

B. COORDINATE PLACEMENT OF ELECTRICAL DEVICES, AND DIFFUSERS, ACCESS PANELS, SYSTEMS INTER-FACE INTERIOR GRAPHICS SO AS NOT TO ENCROACH ON KEY FOCAL ELEMENTS.

CRITERIA NOTES

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ENGINEERING

E82 PROVIDE LEGRAND ADORNE RECEPTACLE (2) OUTLETS + (2)USB

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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MEP GREEN DESIGN & BUILD
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REVISIONS

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DRAWING NAME

LOBBY AREAS- ELEVATIONS

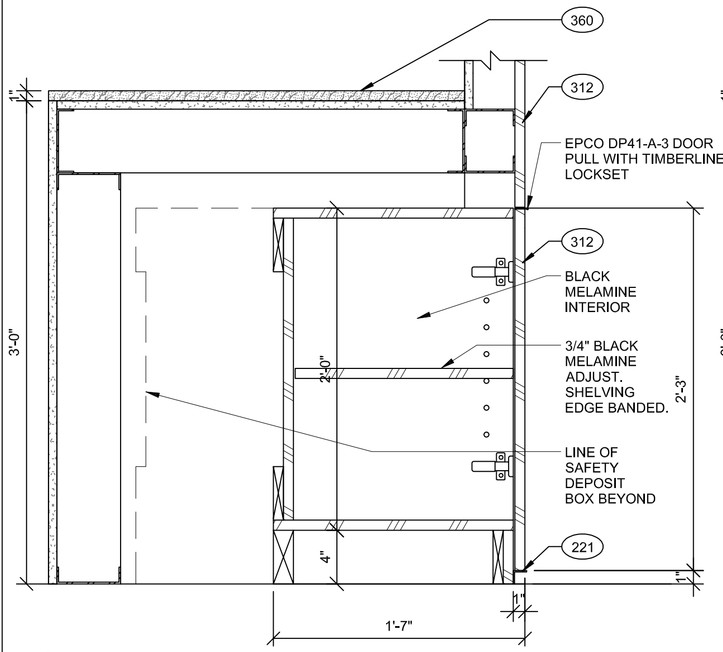
PROJECT NAME

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SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-310
	PAGE NUMBER 48

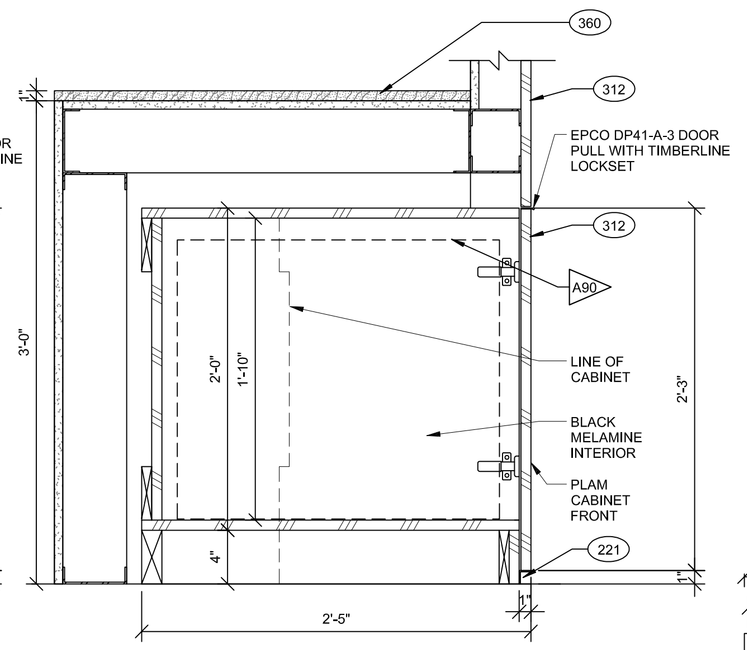
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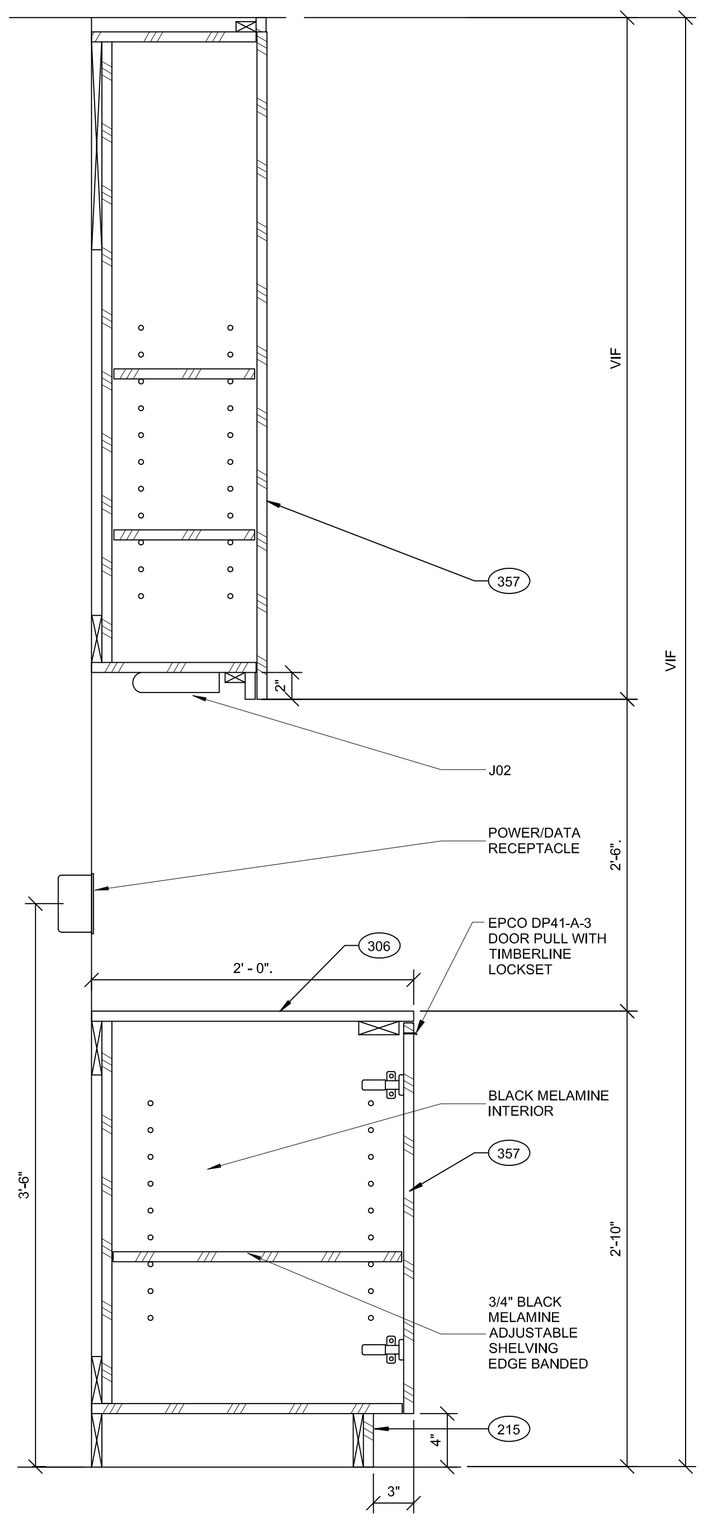
16 SECTION

SCALE: 1 1/2" = 1'-0"



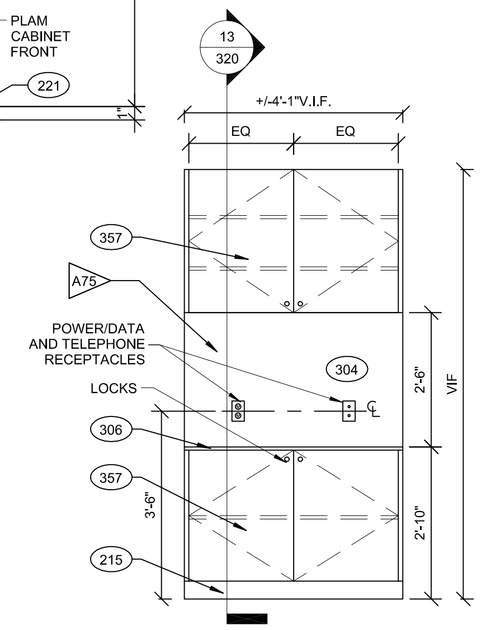
12 SECTION

SCALE: 1 1/2" = 1'-0"



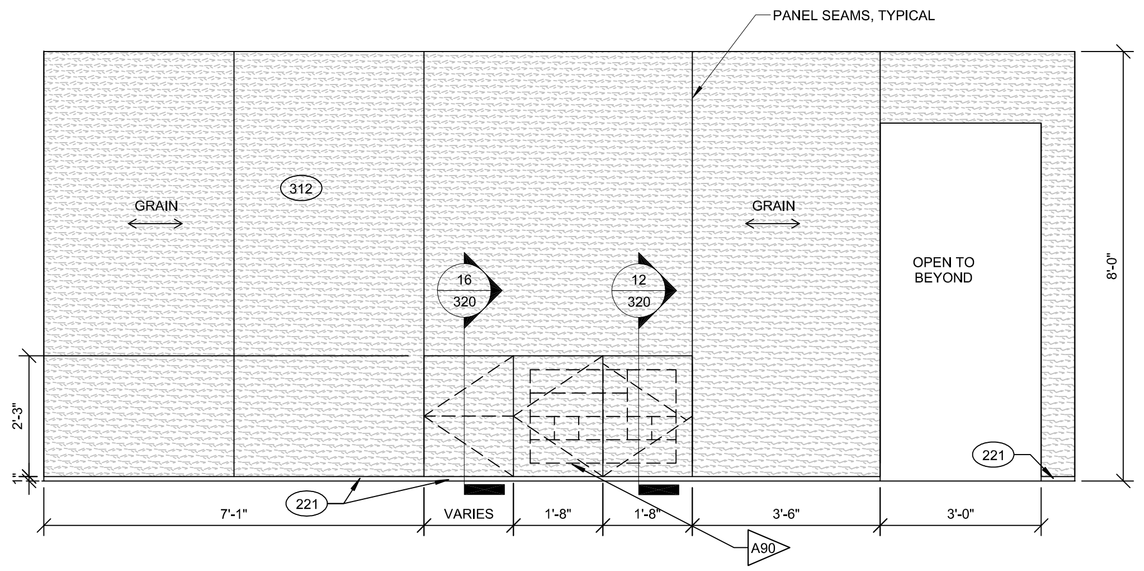
13 SECTION

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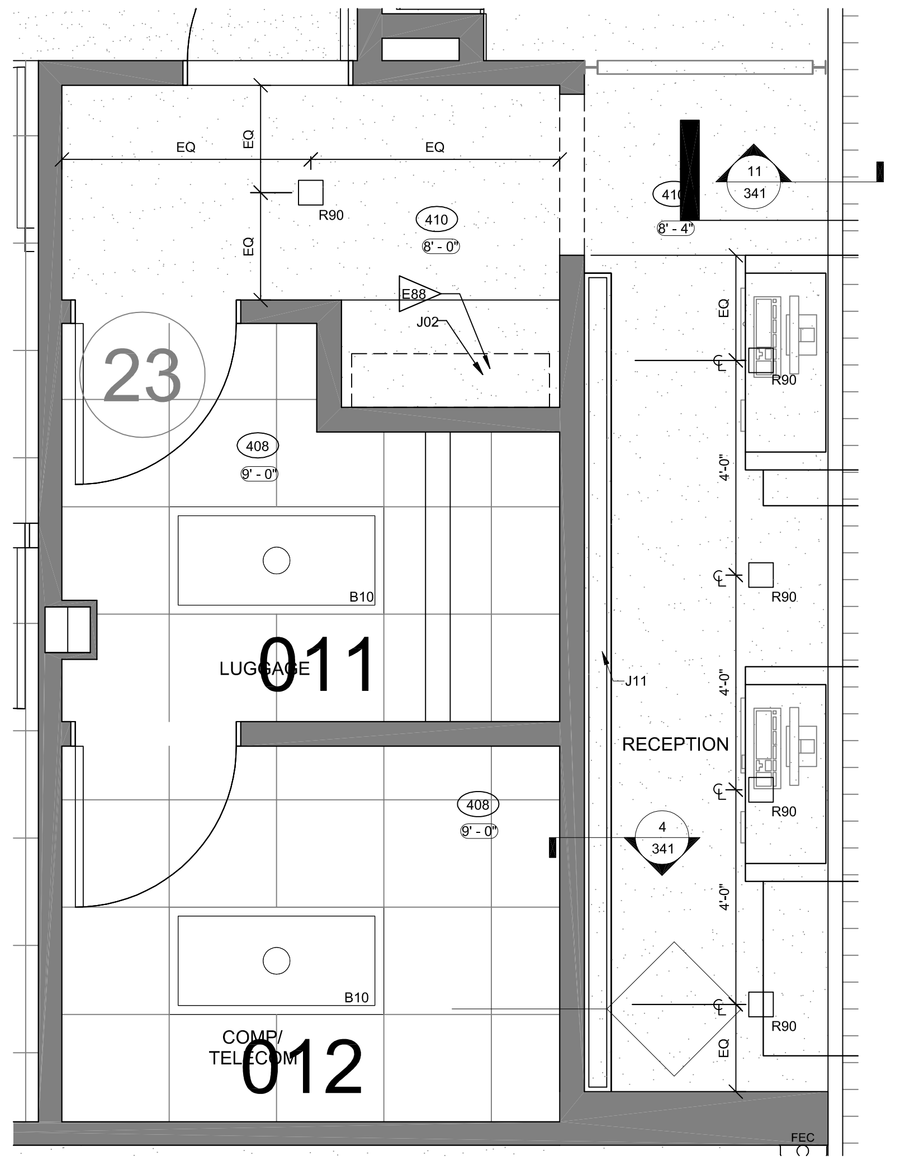
7 RECEPTION ELEVATION

SCALE: 1/2" = 1'-0"



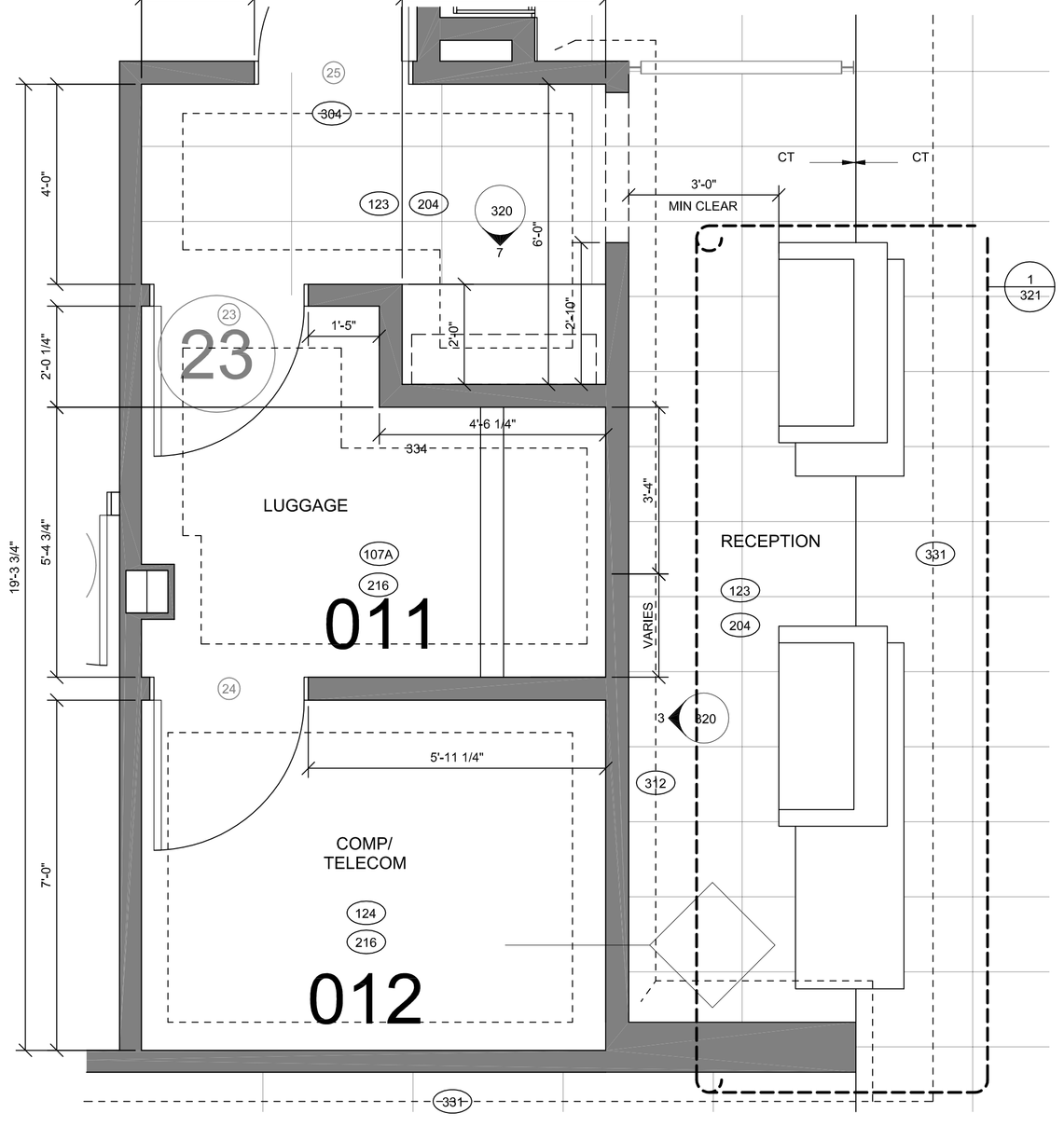
3 RECEPTION ELEVATION

SCALE: 1/2" = 1'-0"



2 RECEPTION RCP

SCALE: 1/2" = 1'-0"



1 RECEPTION PLAN

SCALE: 1/2" = 1'-0" referenced from :A-300

REFERENCE NOTES

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B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. COORDINATE POWER FOR ALL EQUIPMENT.
2. ARCHITECT TO CONFIRM FINAL EQUIPMENT SIZES AND ADJUST MILLWORK ACCORDINGLY.
3. FINISH COVER PLATES AND RECEPTACLES IN ALL MILLWORK PIECES TO MATCH ADJACENT FINISH COLORS.
4. ALL SOLID SURFACE COUNTERTOPS TO HAVE EASED EDGE, TYPICAL.

CRITERIA NOTES

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A0 ARCHITECTURE:

A75 ALCOVE FOR FRONT DESK SUPPORT (FAX MACHINE, OFFICE SUPPLIES, REFERENCE MATERIALS, MAIL, ETC)

A90 DEPOSIT BOXES, VIF DIMENSIONS WITH MILLWORK REFER TO PMM (PROJECT MANUAL MASTER) FOR DEPOSIT BOX SPECIFICATION

E0 ENGINEERING

E88 UNDER CABINET LIGHT

SYMBOLS

(D) DOOR TYPE

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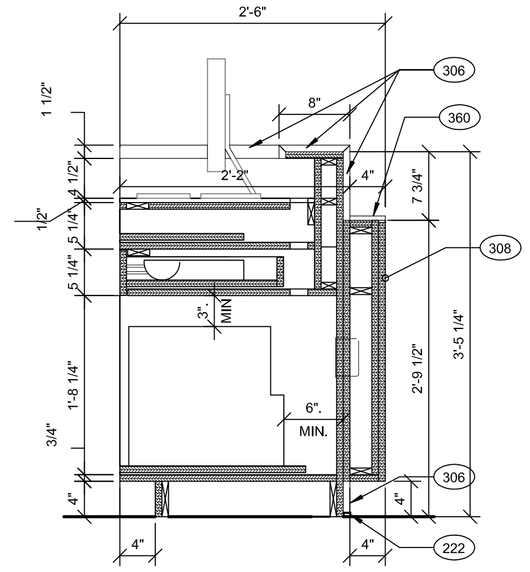
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-320

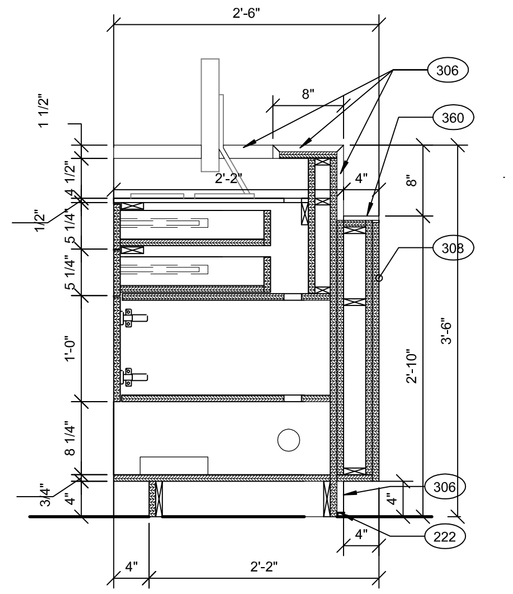
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FLORIDA REG.: AR0007005

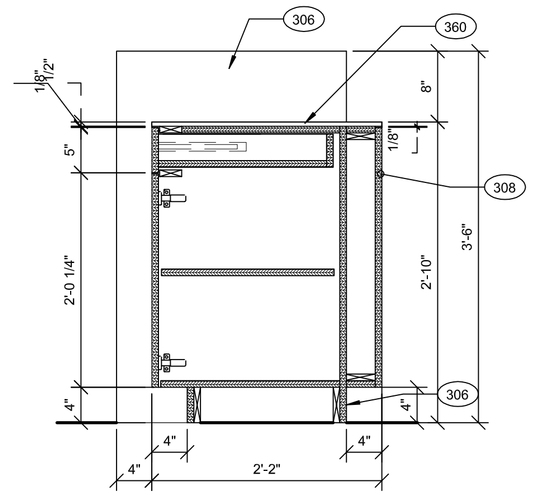
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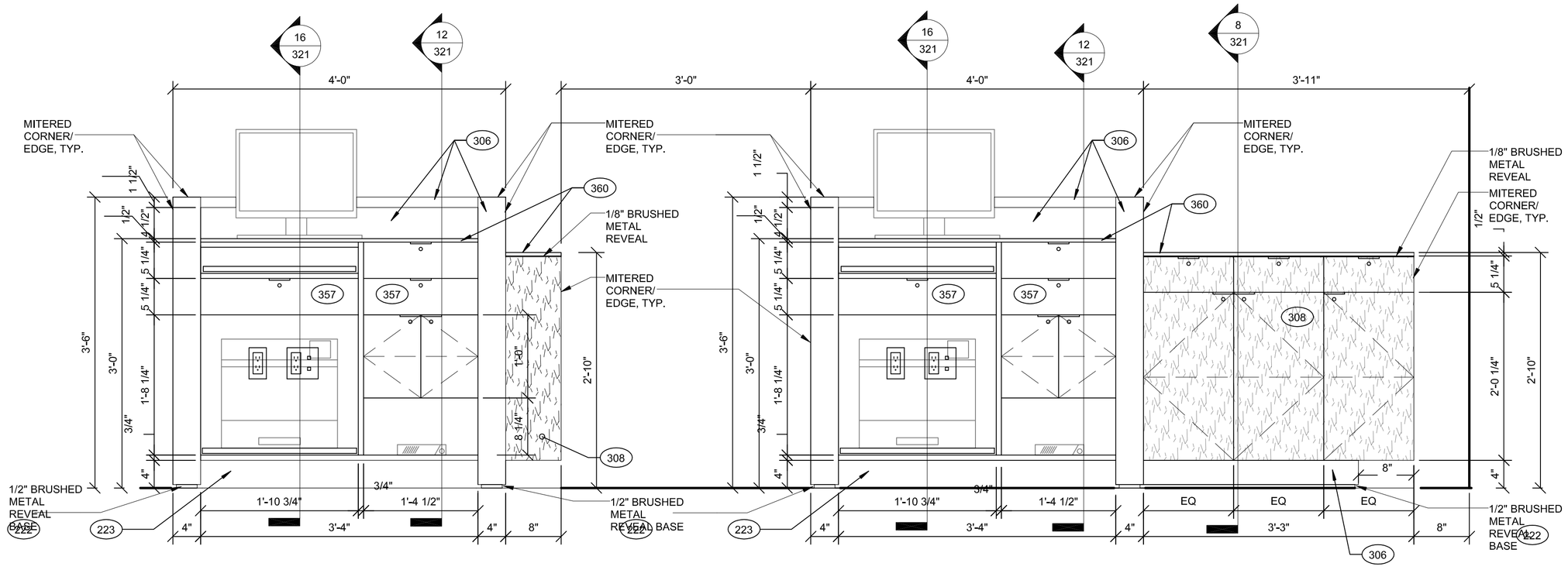
16 SECTION
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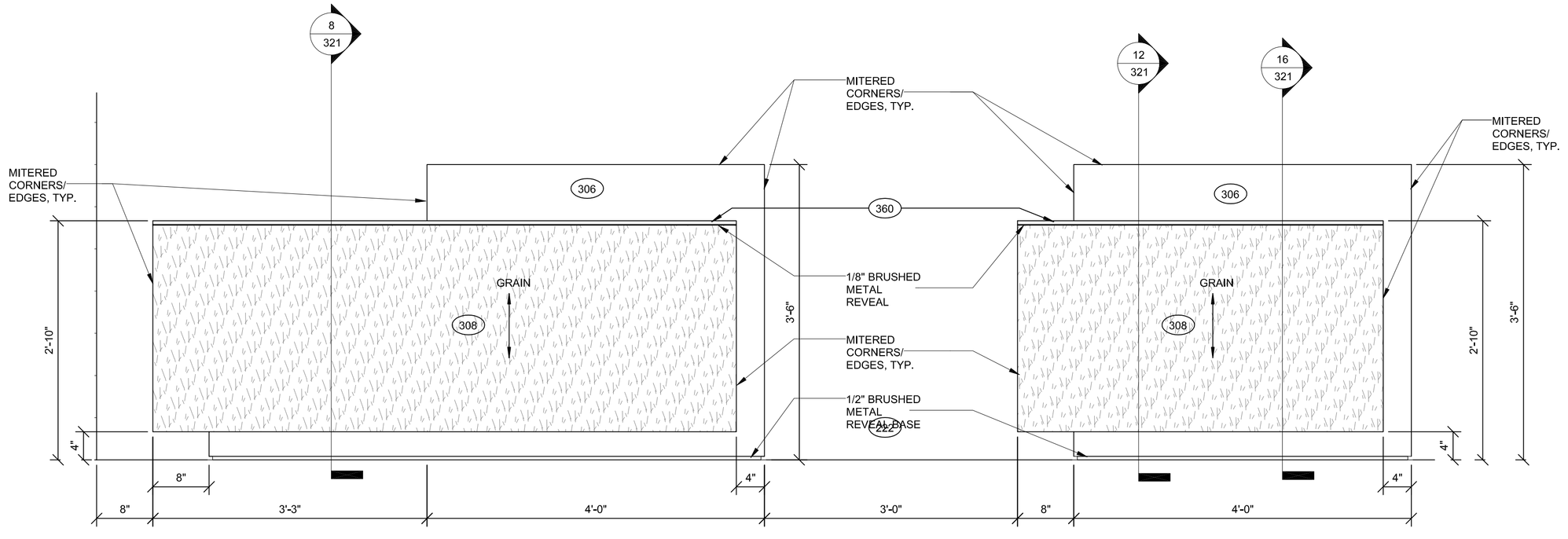
12 SECTION
SCALE: 1" = 1'-0"



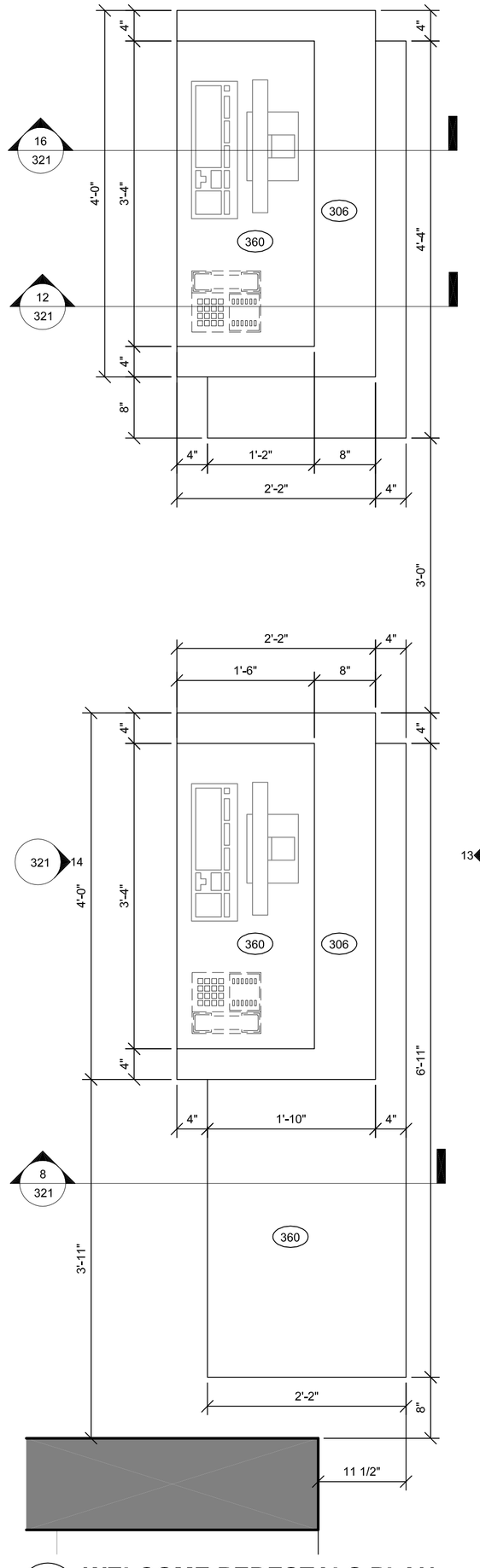
8 SECTION
SCALE: 1" = 1'-0"



14 WELCOME PEDESTALS ELEVATION
SCALE: 1" = 1'-0" referenced from: 320



13 WELCOME PEDESTALS ELEVATION
SCALE: 1" = 1'-0" referenced from: 320



1 WELCOME PEDESTALS PLAN
SCALE: 1" = 1'-0" referenced from: 320

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

SYMBOLS

(D) DOOR TYPE

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

WELCOME PEDESTALS

PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE

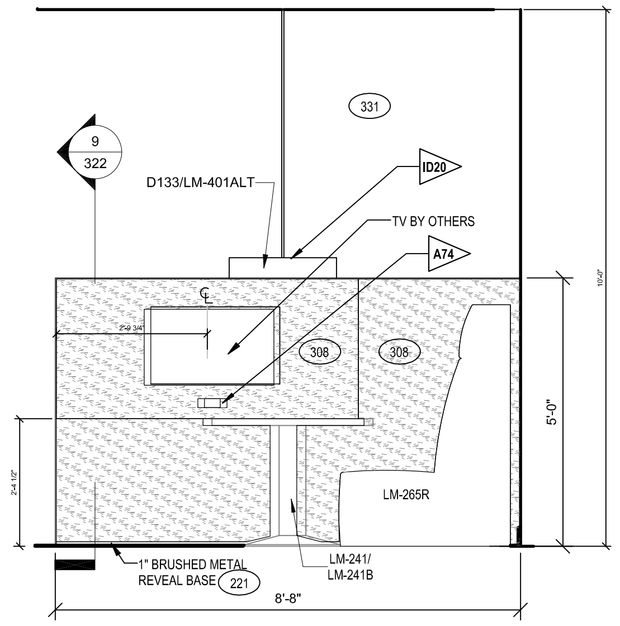
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-321

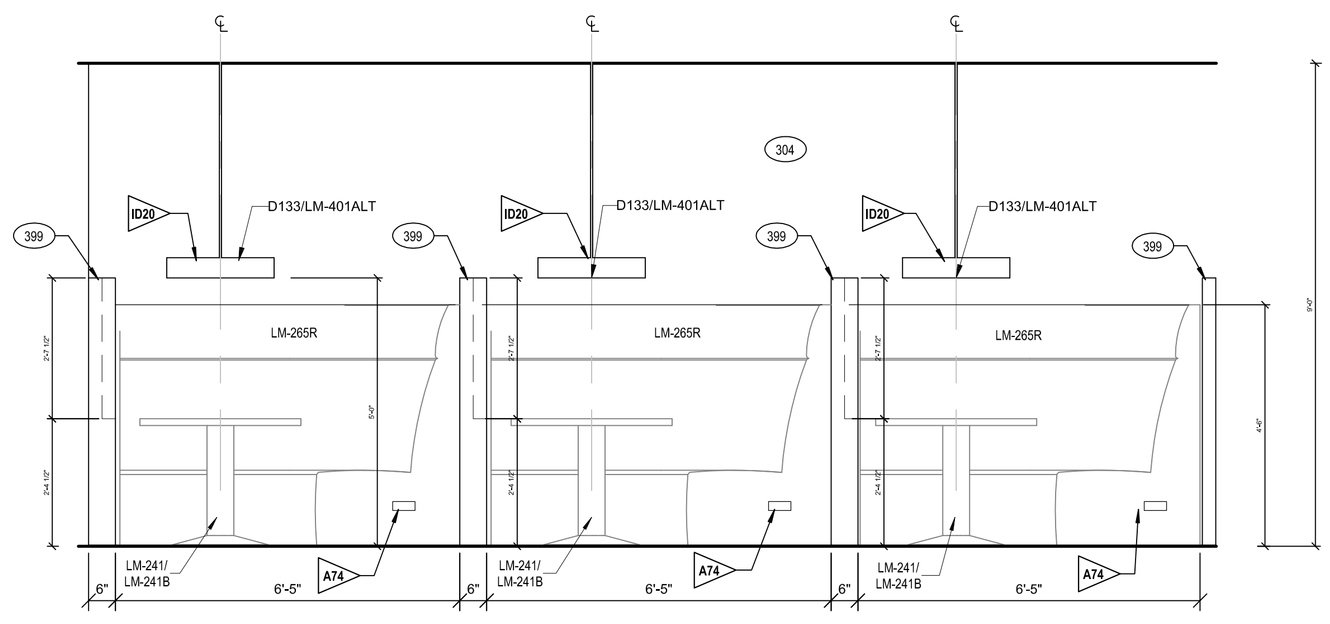
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FLORIDA REG.: AR0007005

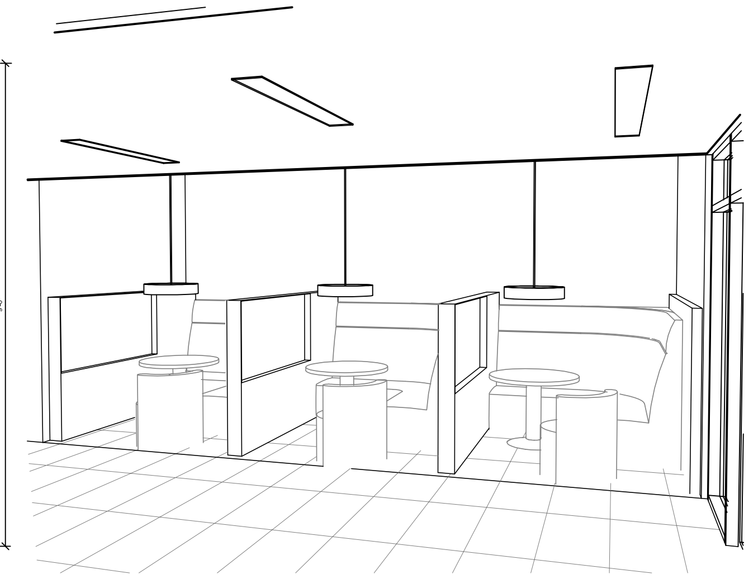
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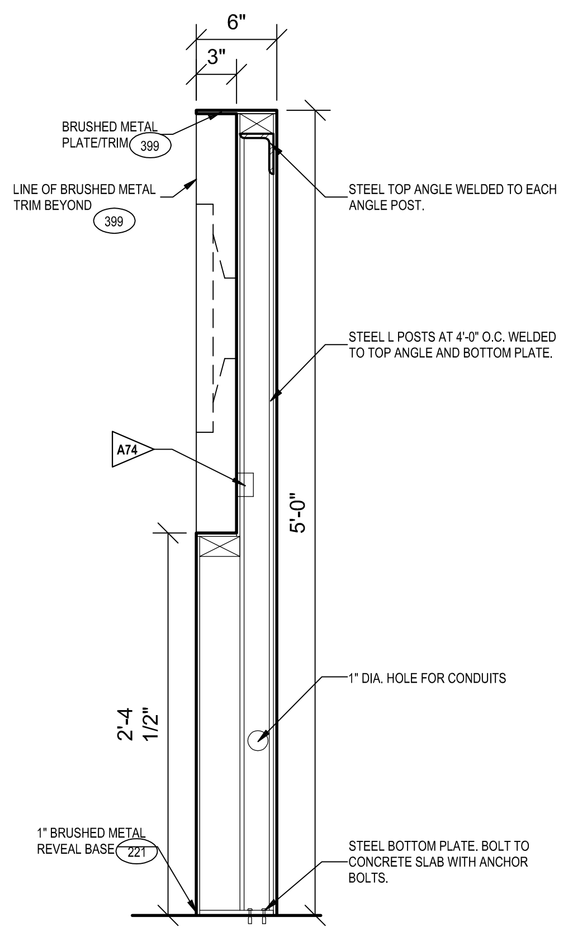
16 ELEVATION
SCALE: 1/2" = 1'-0"



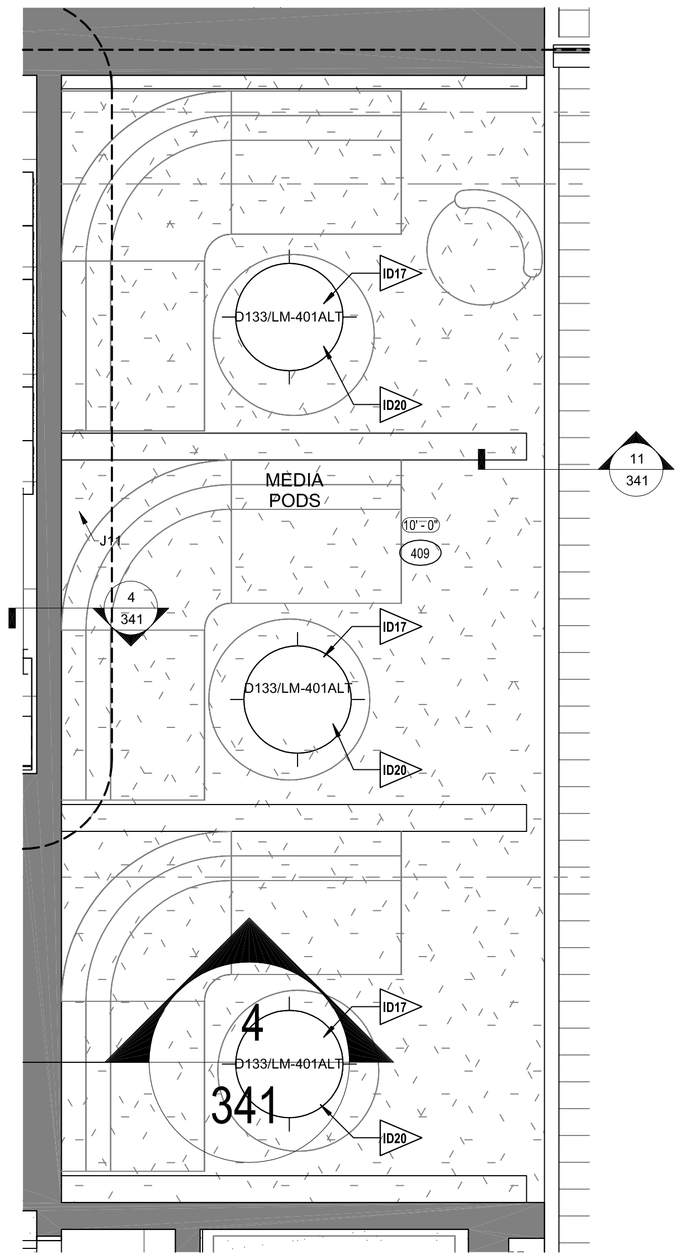
12 ELEVATION
SCALE: 1/2" = 1'-0"



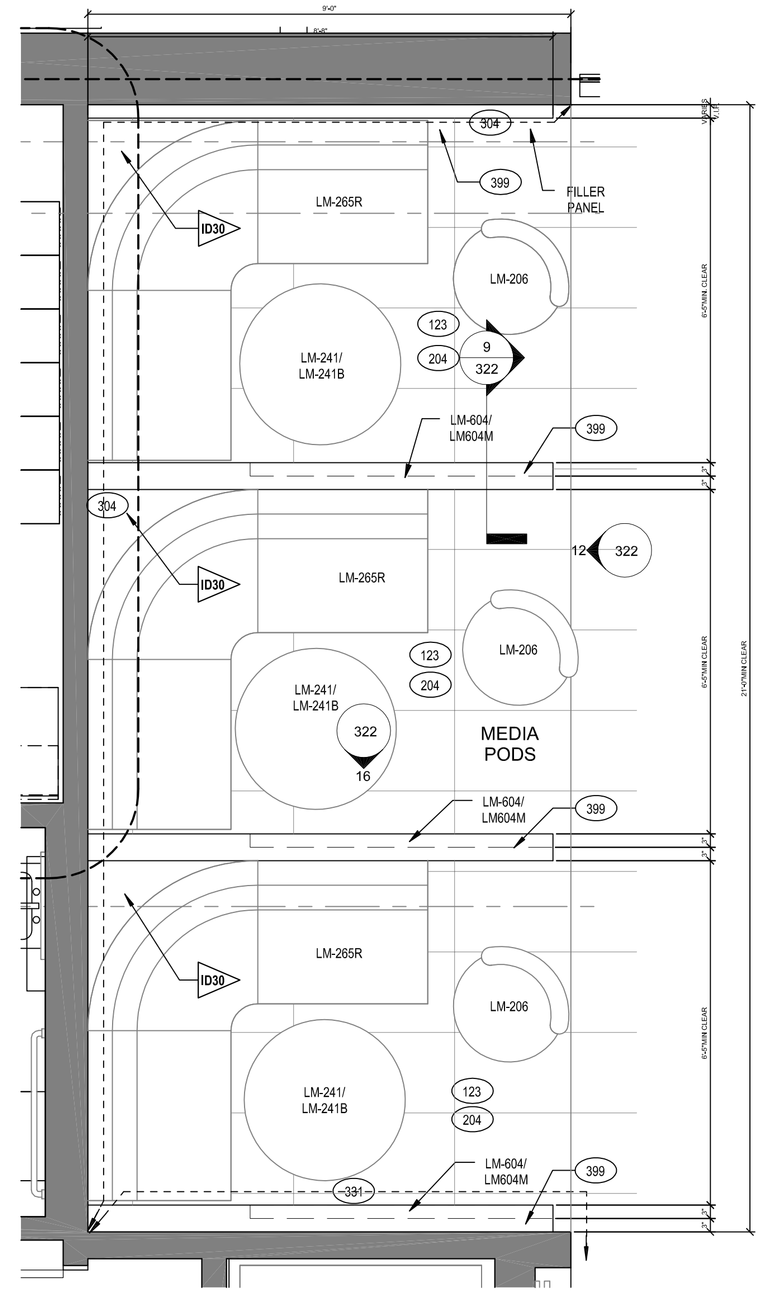
4 3D VIEW
NO SCALE



9 SECTION
SCALE: 1 1/2" = 1'-0"



5 MEDIA PODS RCP
SCALE: 1/2" = 1'-0"



1 MEDIA PODS PLAN
SCALE: 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. COORDINATE POWER WITH ALL EQUIPMENT.

B. FINISH COVER PLATES AND RECEPTACLES IN ALL MILLWORK PIECES TO MATCH ADJACENT FINISH COLORS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE, FOR EFFICIENCY. NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

A74 FURNLITE UNIT (1) DUPLEX OUTLET & (2) USB PORTS

ID0 **INTERIOR DESIGN**

ID17 REFER TO ID SPEC MANUAL FOR MEDIA POD OPTIONS

ID20 CENTER LIGHT ON TABLE BELOW

ID30 TABLE PROVIDED BY MEDIA POD MANUFACTURER

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

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17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

MEDIA PODS

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-322

PAGE NUMBER 51

FLORIDA REG.: AR0007005

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REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. COORDINATE POWER WITH ALL EQUIPMENT.

B. FINISH COVER PLATES & RECEPTACLES IN ALL MILL-WORK PIECES TO MATCH ADJACENT FINISH COLORS.

C. ARCHITECT TO CONFIRM FINAL EQUIPMENT SIZES AND ADJUST MILLWORK ACCORDINGLY.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

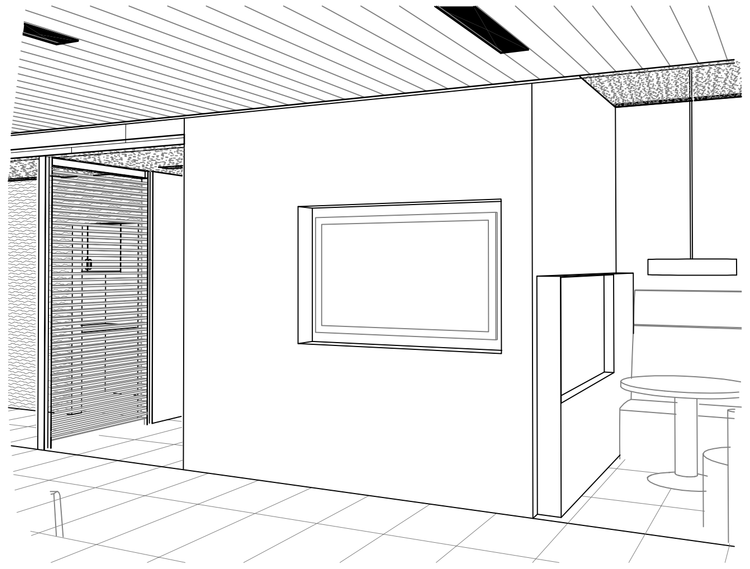
A46
CANVY'S 55" FULL HD LCD TOUCH MONITOR W/ PEERLESS SMARTMOUNT AND DEEP ADAPTER BRACKET. OWNER TO PURCHASE ALL GOBOARD COMPONENTS FROM FOUR WINDS INTERACTIVE. GM AND OWNER'S REP TO SUBMIT GOBOARD SPECIFICATIONS AND REQUIREMENTS TO GC PRIOR TO MILLWORK FABRICATION AS MODEL NUMBERS AND SIZES MAY VARY

ID0 **INTERIOR DESIGN**

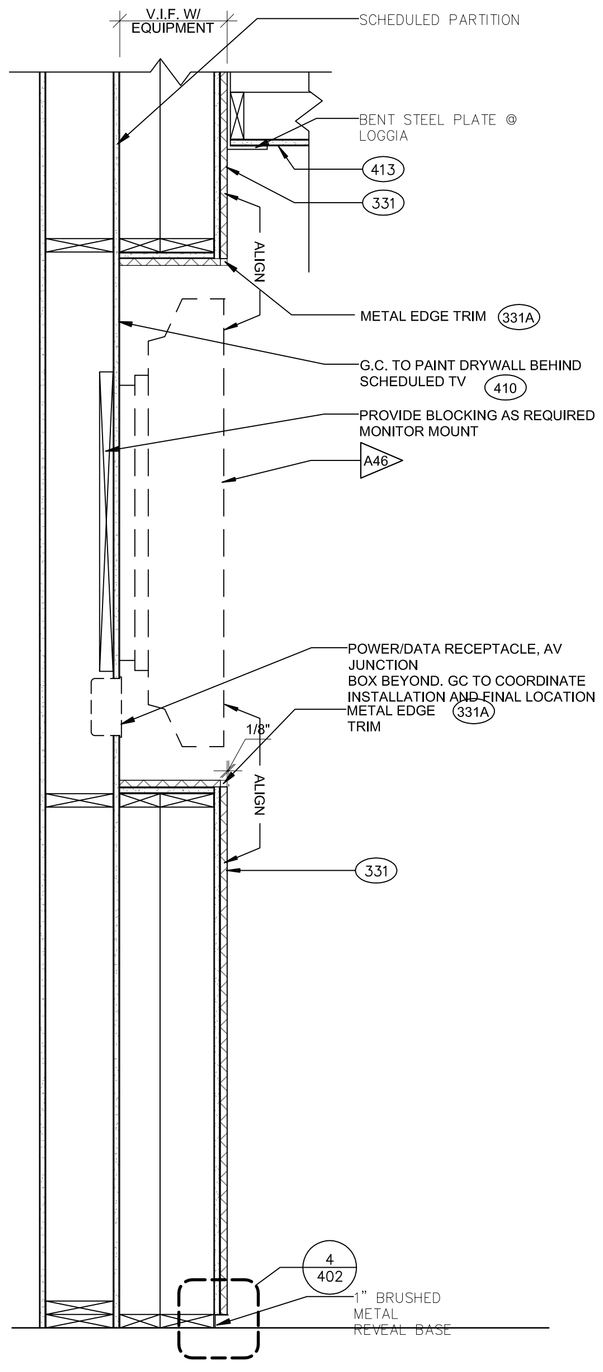
ID17 REFER TO ID SPEC MANUAL FOR MEDIA POD OPTIONS

ID20 CENTER LIGHT ON TABLE BELOW

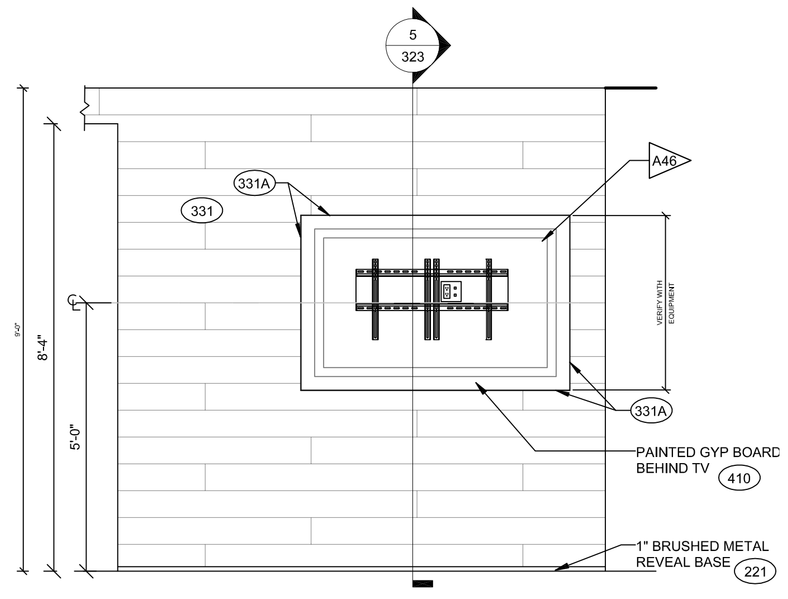
ID30 TABLE PROVIDED BY MEDIA POD MANUFACTURER



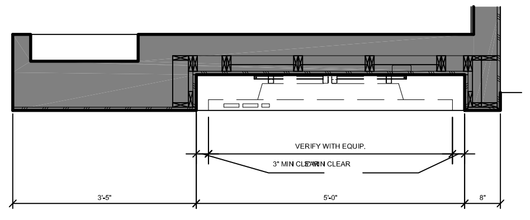
4 GoBOARD 3D VIEW
SCALE:



4 SECTION
SCALE: 1 1/2" = 1'-0"



2 ELEVATION
SCALE: 1/2" = 1'-0"



2
323

1 GoBOARD PLAN
SCALE: 1/2" = 1'-0" referenced from: 300

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
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REVISIONS

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	90% SET	11.20.2018

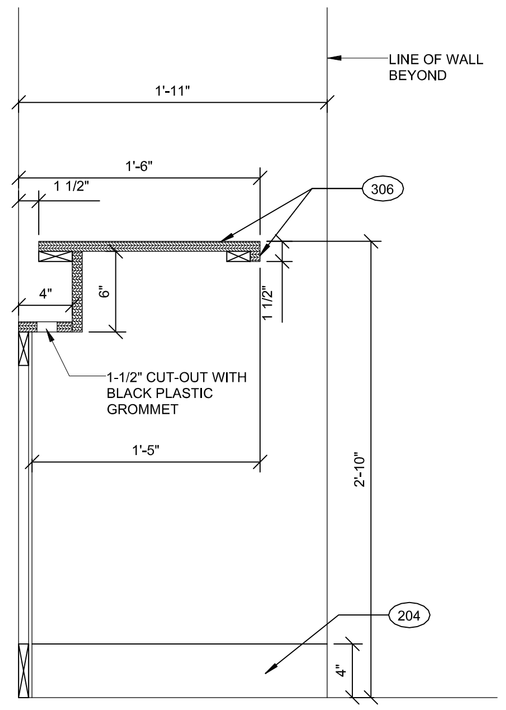
DRAWING NAME

GoBOARD AREA

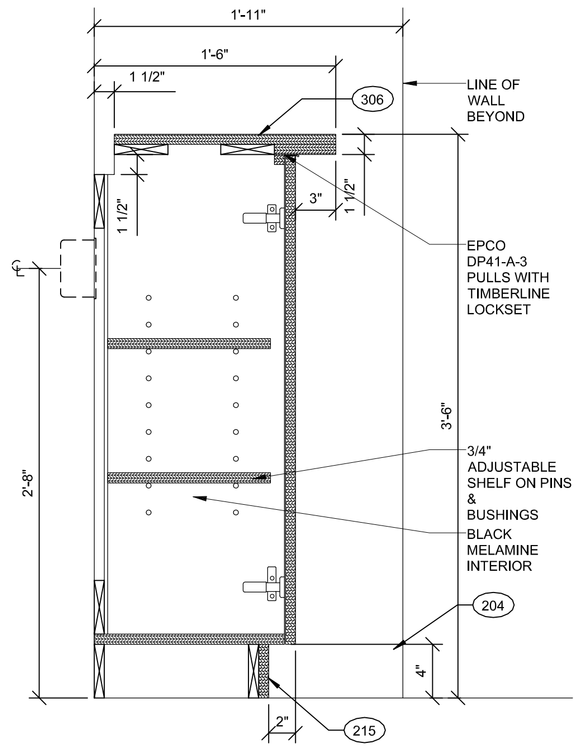
PROJECT NAME

COURTYARD INN,©
Lake City, Florida

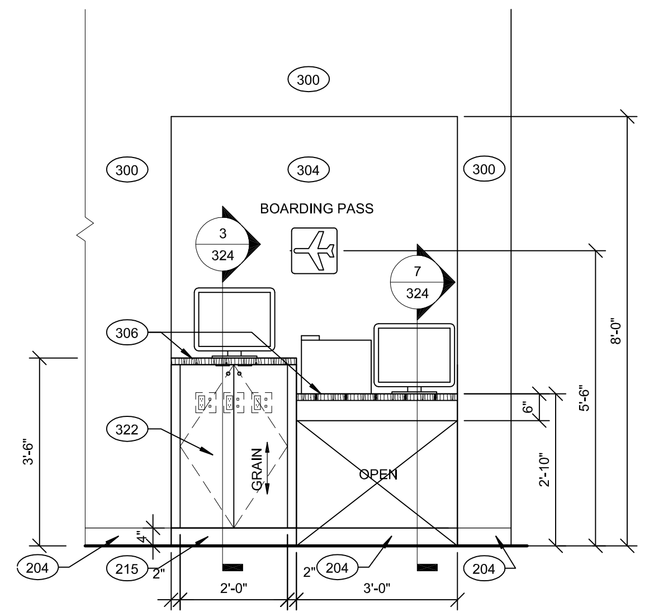
SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-323
	PAGE NUMBER 52
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



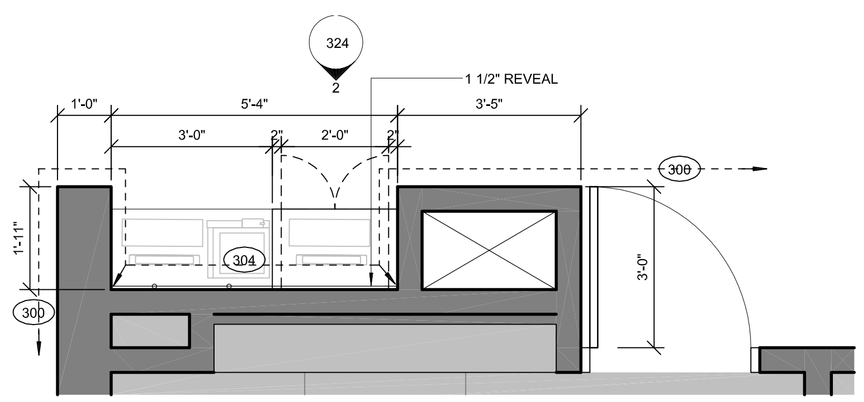
7 SECTION
SCALE: 1 1/2" = 1'-0"



3 SECTION
SCALE: 1 1/2" = 1'-0"



2 ELEVATION
SCALE: 1/2" = 1'-0"



1 QUICK PRINT PLAN
SCALE: 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

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B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. SEE SIGNAGE MANUAL FOR REQUIRED GRAPHICS.
2. COMPONENTS AND PRINTERS PROVIDED BY OWNER.
3. FINISH COVER PLATES & RECEPTACLES IN ALL MILL-WORK PIECES TO MATCH ADJACENT FINISH COLORS.
4. ARCHITECT TO CONFIRM FINAL EQUIPMENT SIZES AND ADJUST MILLWORK ACCORDINGLY.
5. COORDINATE POWER FOR ALL EQUIPMENT.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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	90% SET	11.20.2018

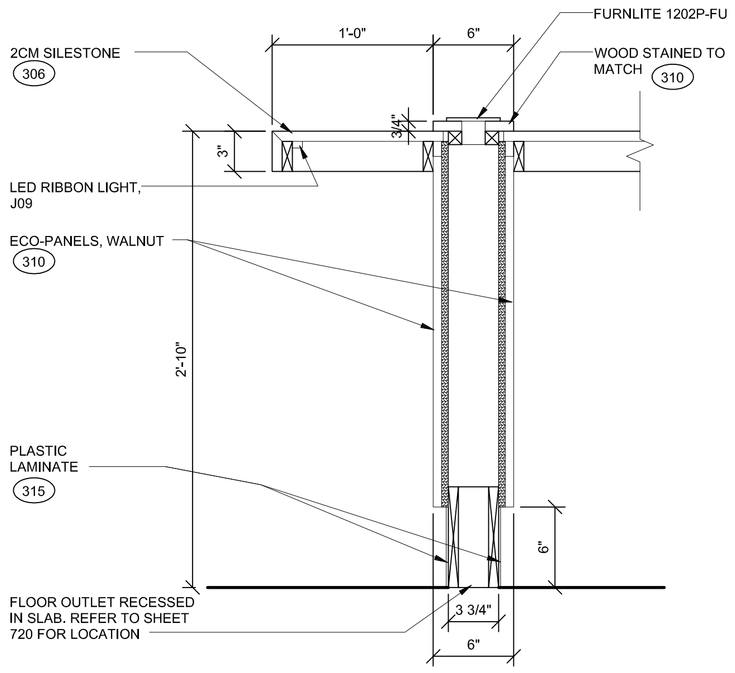
DRAWING NAME

QUICK PRINT

PROJECT NAME

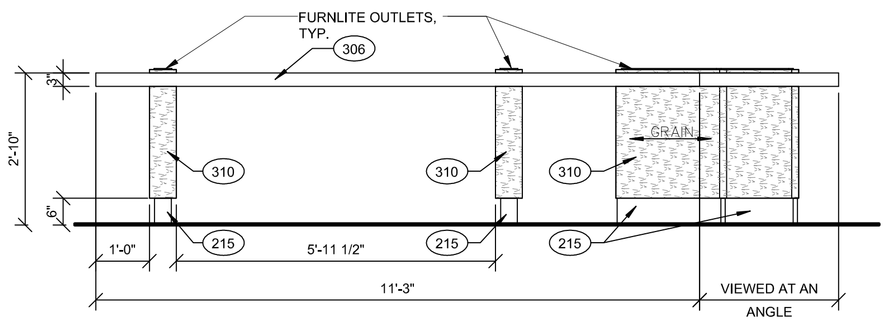
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-324
	PAGE NUMBER 53
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



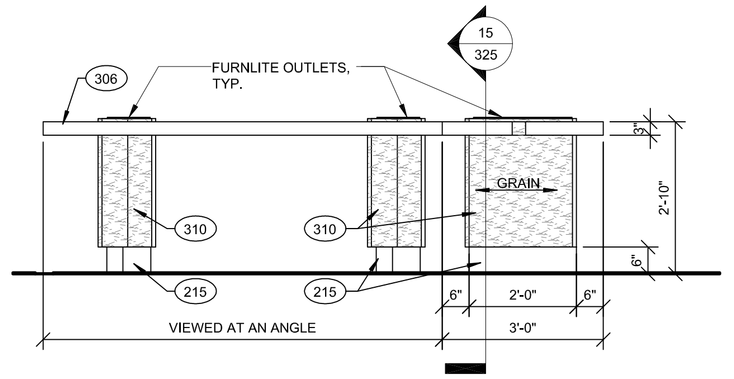
15 COMMUNITY TABLE SECTION

SCALE: 1 1/2" = 1'-0"



7 COMMUNITY TABLE ELEVATION

SCALE: 1/2" = 1'-0"

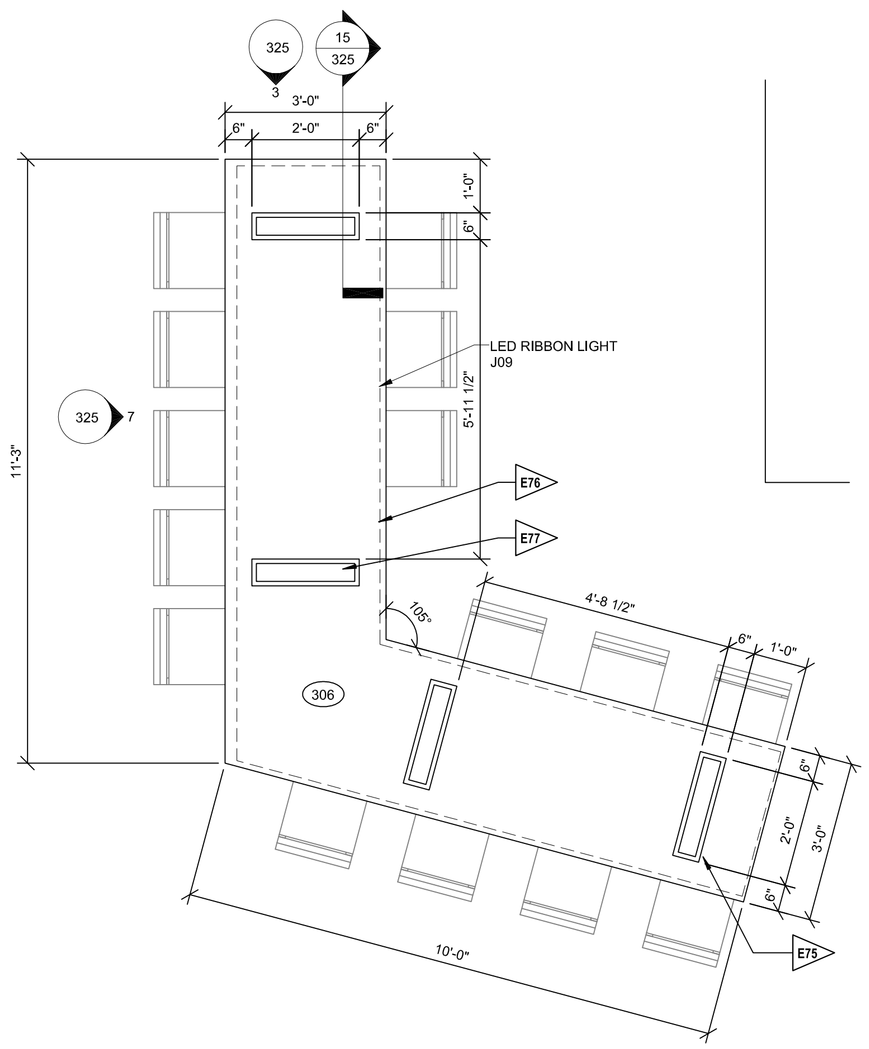


3 COMMUNITY TABLE ELEVATION

SCALE: 1/2" = 1'-0"

4 COMMUNITY TABLE 3D VIEW

NO SCALE



1 COMMUNITY TABLE PLAN

SCALE: 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL COUNTERTOPS TO HAVE EASED EDGE, TYPICAL.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

E0 ENGINEERING

- E75 MOUNT SWITCH FOR LED LIGHTING ON THE TABLE LEG
- E76 LED LIGHT MOUNTED ON THE UNDERSIDE OF TOP
- E77 FURNLITE OUTLETS, TYP.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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GAINESVILLE, FL32609

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NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
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STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
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ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

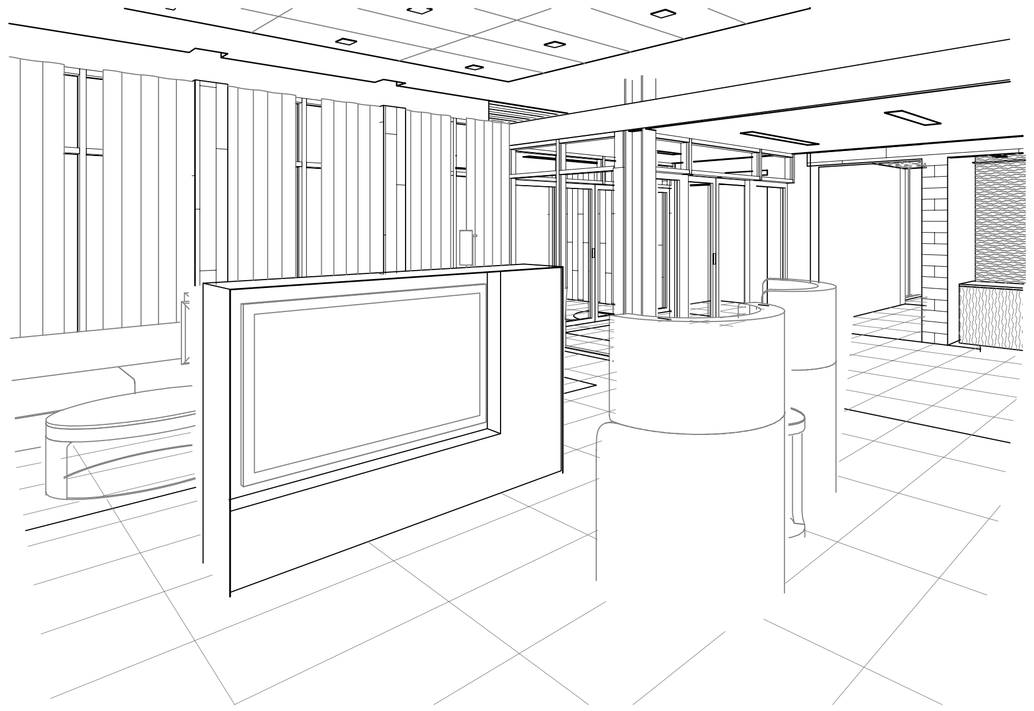
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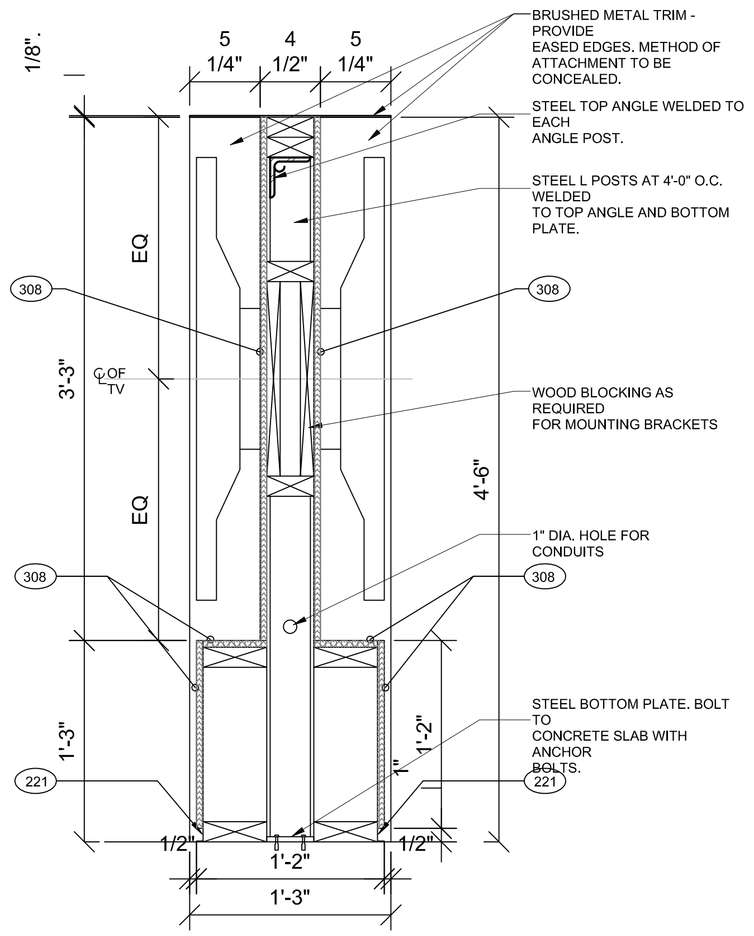
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COURTYARD INN,© Lake City, Florida

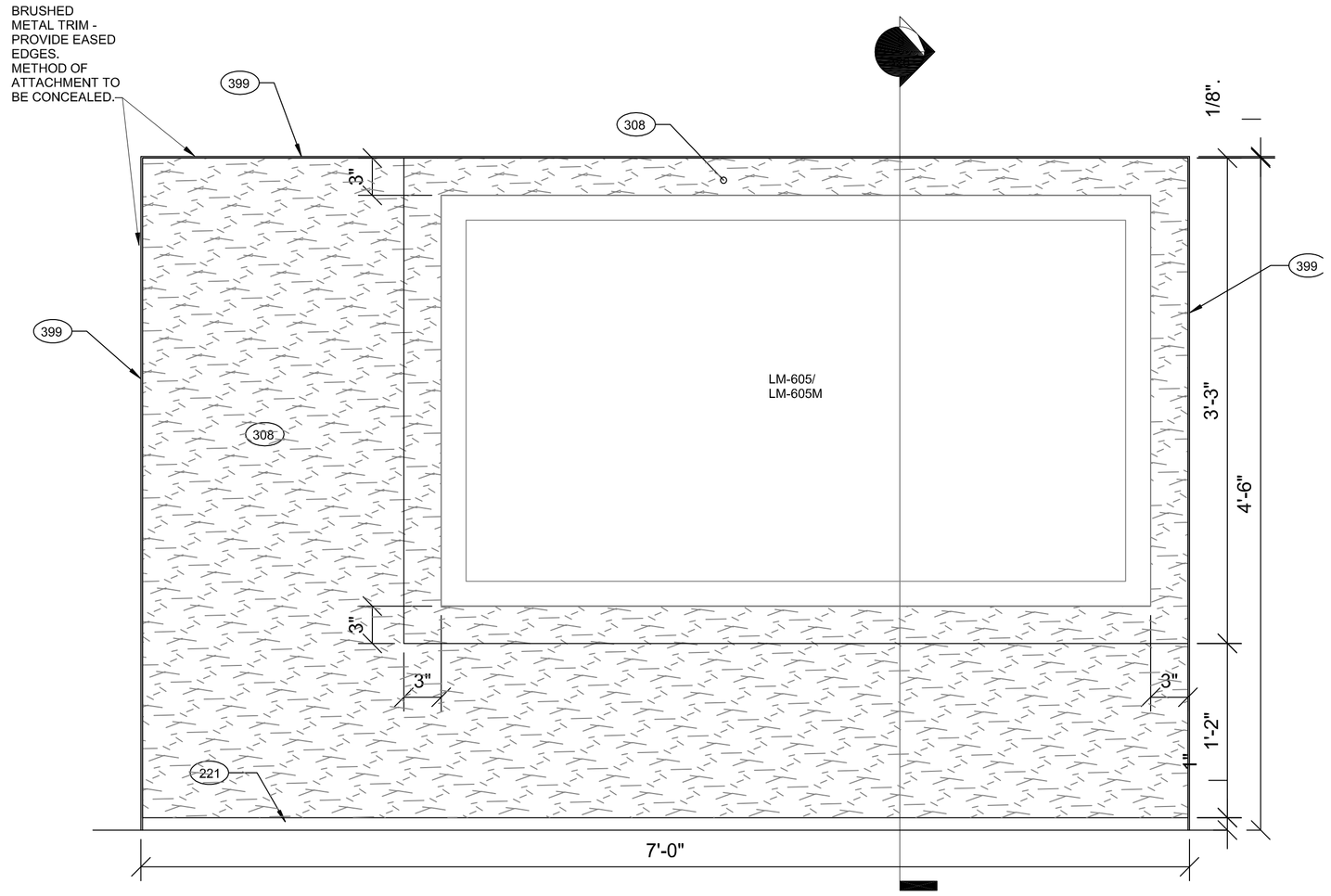
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-325
	PAGE NUMBER 54
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



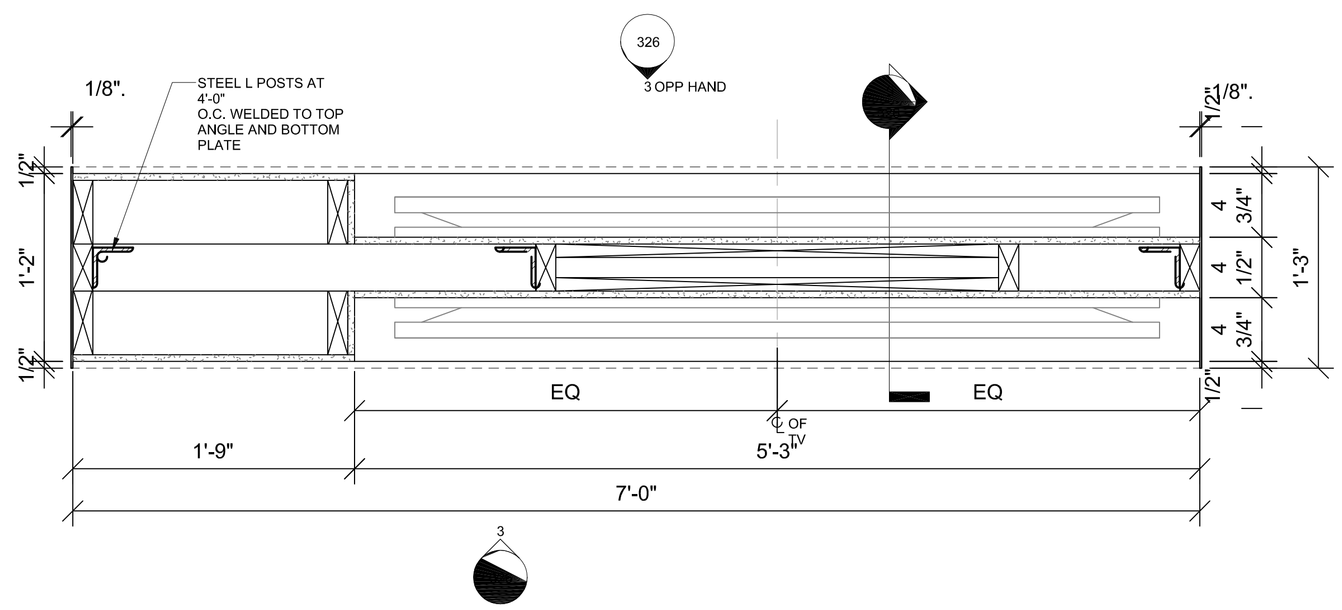
11 TV DISPLAY 3D VIEW
NO SCALE



9 TV DISPLAY SECTION
SCALE: 1 1/2" = 1'-0"



3 TV DISPLAY ELEVATION
SCALE: 1 1/2" = 1'-0"



1 TV DISPLAY PLAN
SCALE: 1 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. COORDINATE POWER WITH ALL EQUIPMENT.

B. FINISH COVER PLATES & RECEPTACLES IN ALL MILLWORK PIECES TO MATCH ADJACENT FINISH COLORS.

C. ARCHITECT TO CONFIRM FINAL EQUIPMENT SIZES AND ADJUST MILLWORK ACCORDINGLY.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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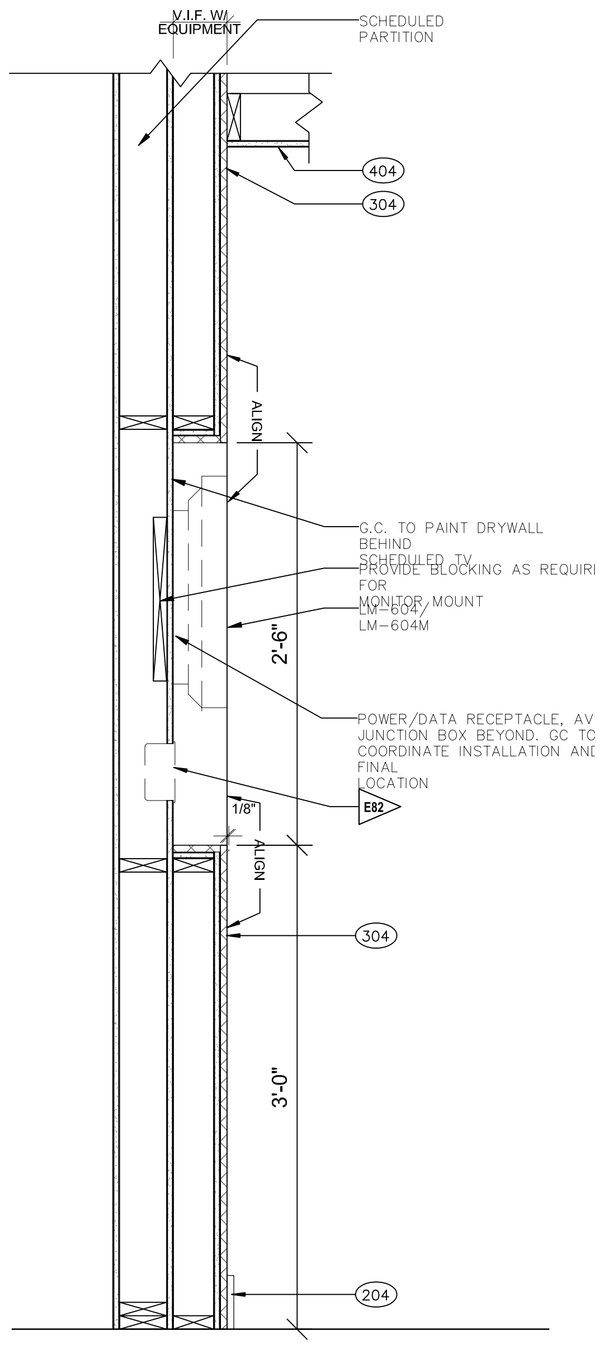
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TV DISPLAY

PROJECT NAME

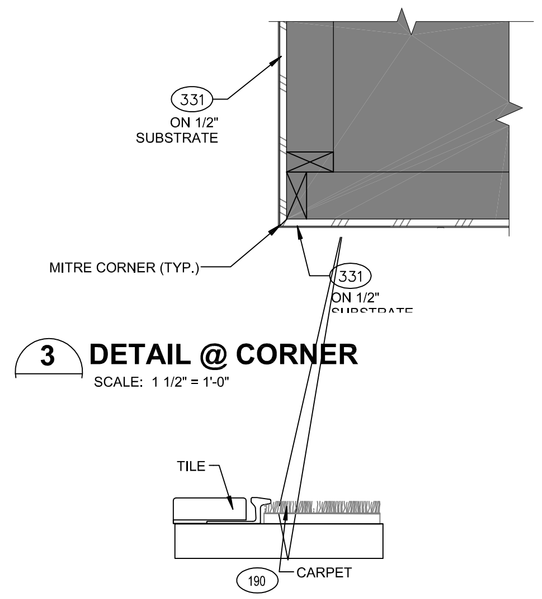
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SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-326
	PAGE NUMBER 55
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



6 SECTION - TV NICHE

SCALE: 1 1/2" = 1'-0"



3 DETAIL @ CORNER

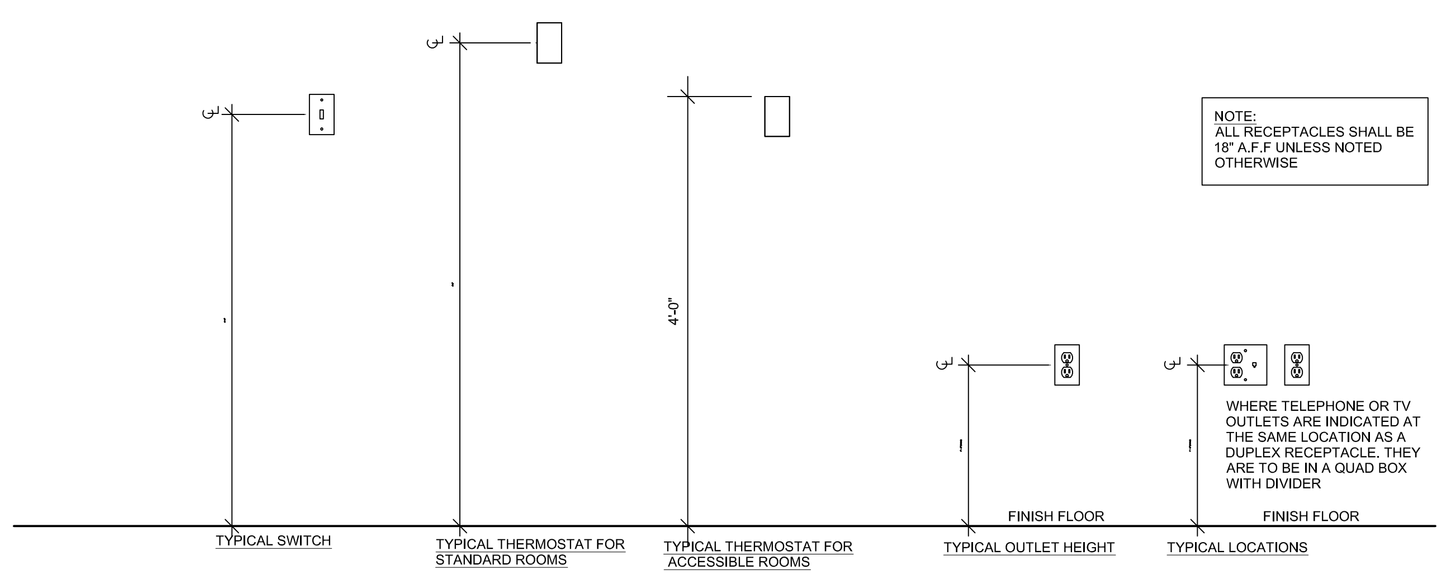
SCALE: 1 1/2" = 1'-0"

NOTES:

1. ALL METAL EDGE STRIPS TO MATCH HEIGHT OF ADJACENT TILE FINISH, SEE PLANS FOR LOCATIONS.

2 TRANSITION STRIP DETAILS

SCALE: 3" = 1'-0"



1 TYP. PUBLIC SPACE ELECTRICAL OUTLET HEIGHTS

SCALE: 1" = 1'-0"

REFERENCE NOTES

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B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

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E1 ENGINEERING:

E82 PROVIDE LEGRAND ADORNE RECEPTACLE (2) OUTLETS + (2) USD

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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DRAWING NAME

LOBBY AREAS - DETAILS

PROJECT NAME

COURTYARD INN,©
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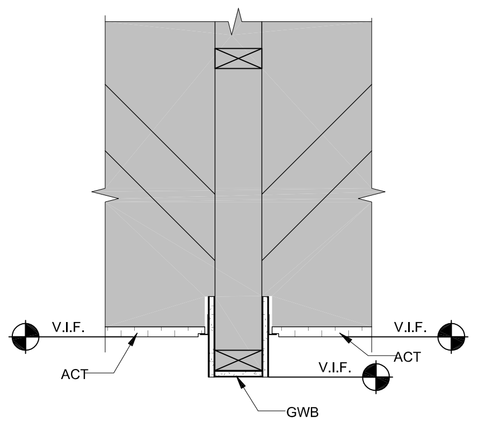
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PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-340

PAGE NUMBER 56

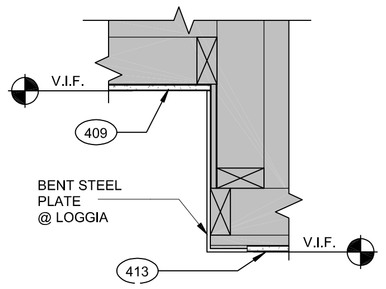
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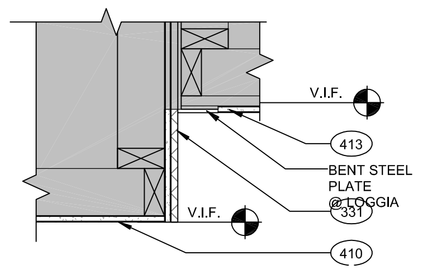


* REFER TO PLANS FOR CEILING HEIGHTS

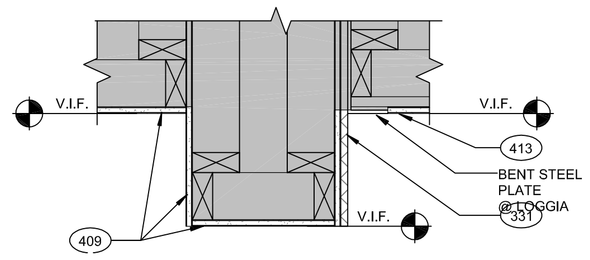
13 CEILING DETAIL - GWB BULKHEAD
SCALE: 1 1/2" = 1'-0"



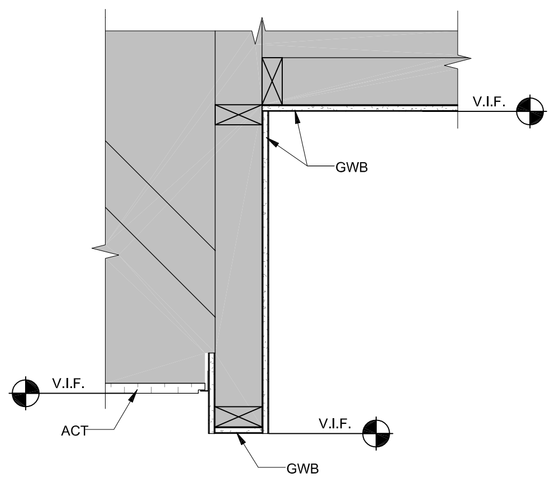
12 CEILING DETAIL - LOGGIA
SCALE: 1 1/2" = 1'-0"



11 CEILING DETAIL - LOGGIA
SCALE: 1 1/2" = 1'-0"

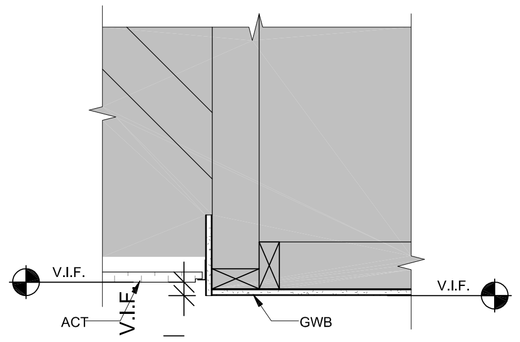


10 CEILING DETAIL - LOGGIA
SCALE: 1 1/2" = 1'-0"



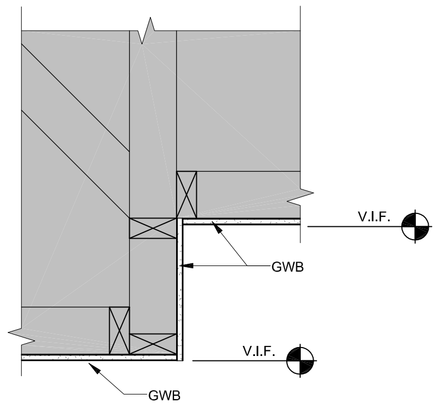
* REFER TO PLANS FOR CEILING HEIGHTS

9 CEILING DETAIL - GWB BULKHEAD
SCALE: 1 1/2" = 1'-0"



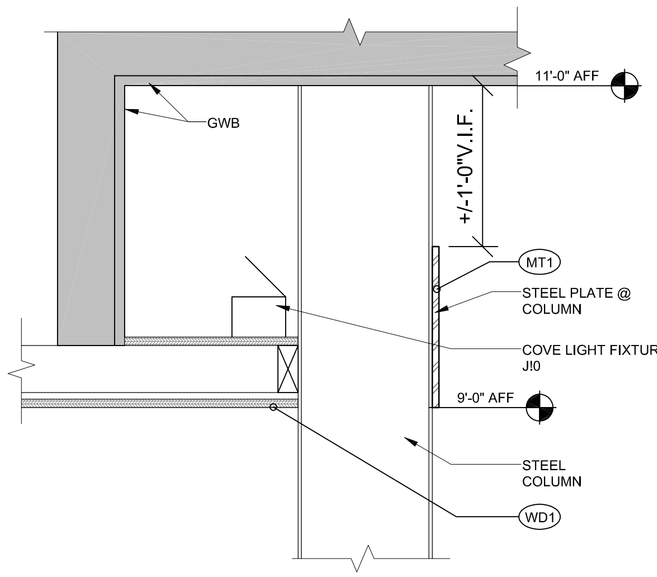
* REFER TO PLANS FOR CEILING

8 CEILING DETAIL - GWB/ACT TRANSITION
SCALE: 1 1/2" = 1'-0"

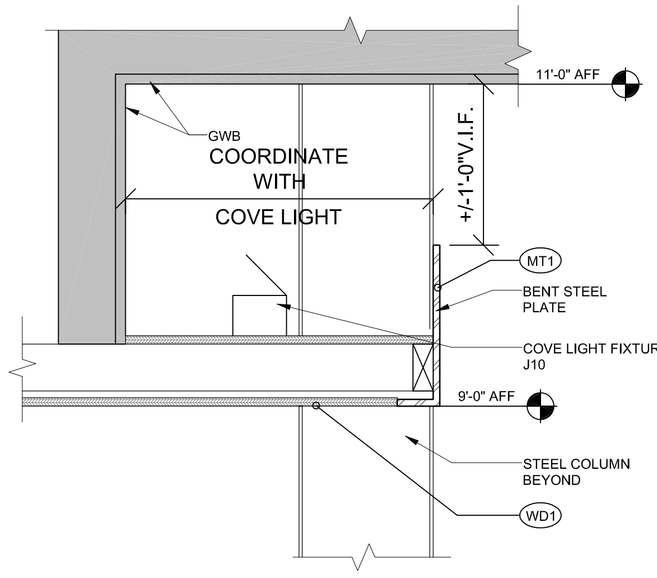


* REFER TO PLANS FOR CEILING

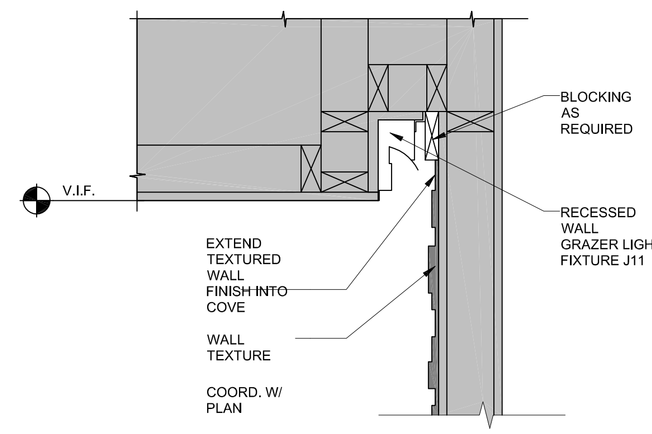
7 CEILING DETAIL - GWB SOFFIT
SCALE: 1 1/2" = 1'-0"



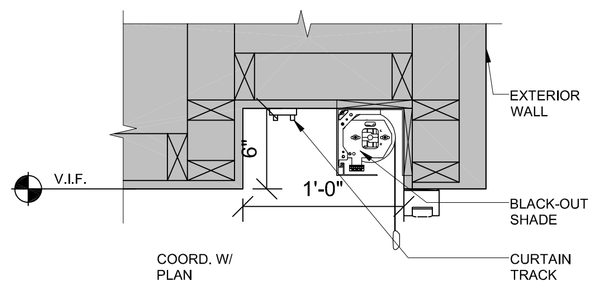
6 CEILING DETAIL - LOGGIA COVE LIGHT @ COLUMN
SCALE: 1 1/2" = 1'-0"



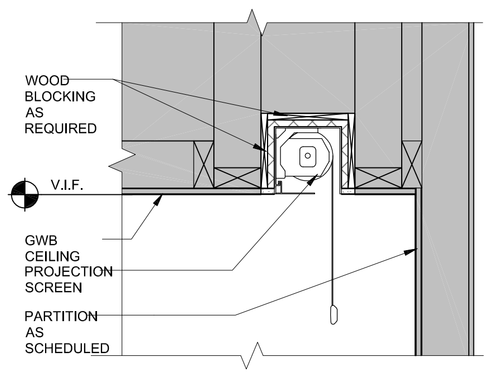
5 CEILING DETAIL - LOGGIA COVE LIGHT
SCALE: 1 1/2" = 1'-0"



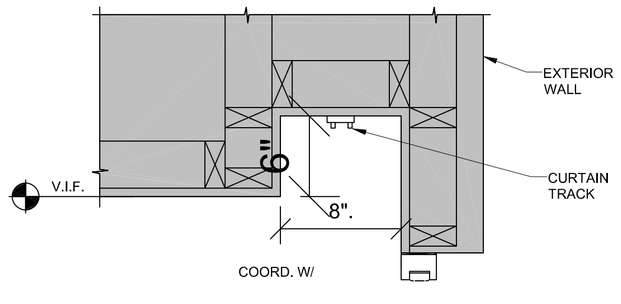
4 CEILING DETAIL - WALL GRAZER
SCALE: 1 1/2" = 1'-0"



3 CEILING DETAIL - DRAPERY TRACK + SOLAR SHADE
SCALE: 1 1/2" = 1'-0"



2 CEILING DETAIL - PROJECTION SCREEN
SCALE: 1 1/2" = 1'-0"



1 CEILING DETAIL - DRAPERY TRACK
SCALE: 1 1/2" = 1'-0" referenced from: 301

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

ALL SWITCH AND RECEPTACLE DEVICES IN THE LOBBY SHALL BE SIMILAR TO "DECORA" STYLE, OR ACCEPTED SUBSTITUTION BY LISTED MANUFACTURERS. COLOR OF THE DEVICES AND COVER PLATES IS SPECIFIED UNDER THE COVER PLATE COLOR TABLE IN PROJECT MANUAL MANUAL MASTER SECTION 26 27 26.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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LAKE CITY, FL 32055

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GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
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DRAWING NAME

LOBBY AREAS - CEILING DETAILS

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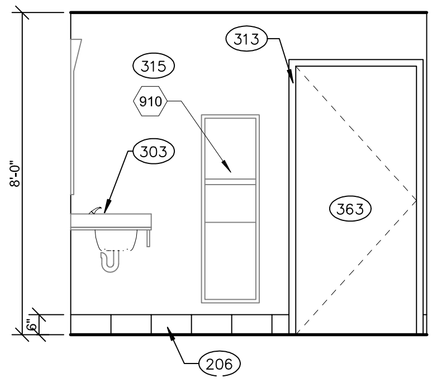
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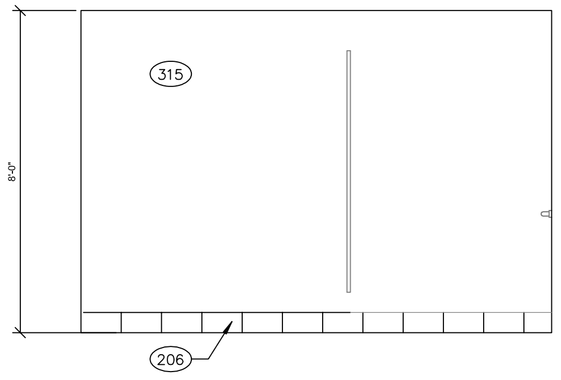
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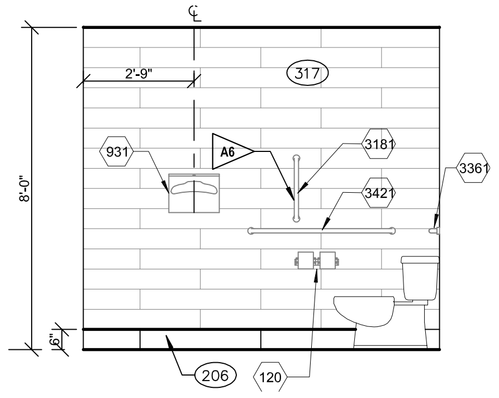
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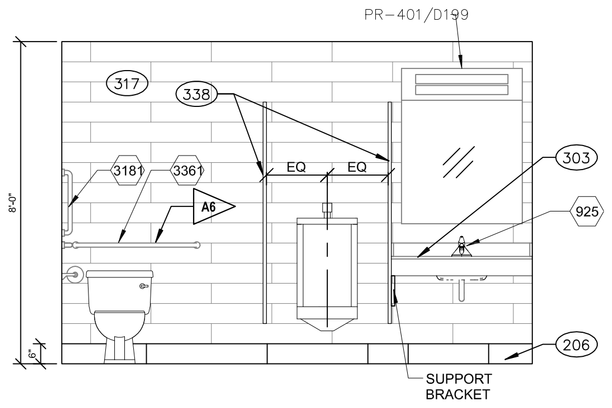
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SCALE: 3/8" = 1'-0"



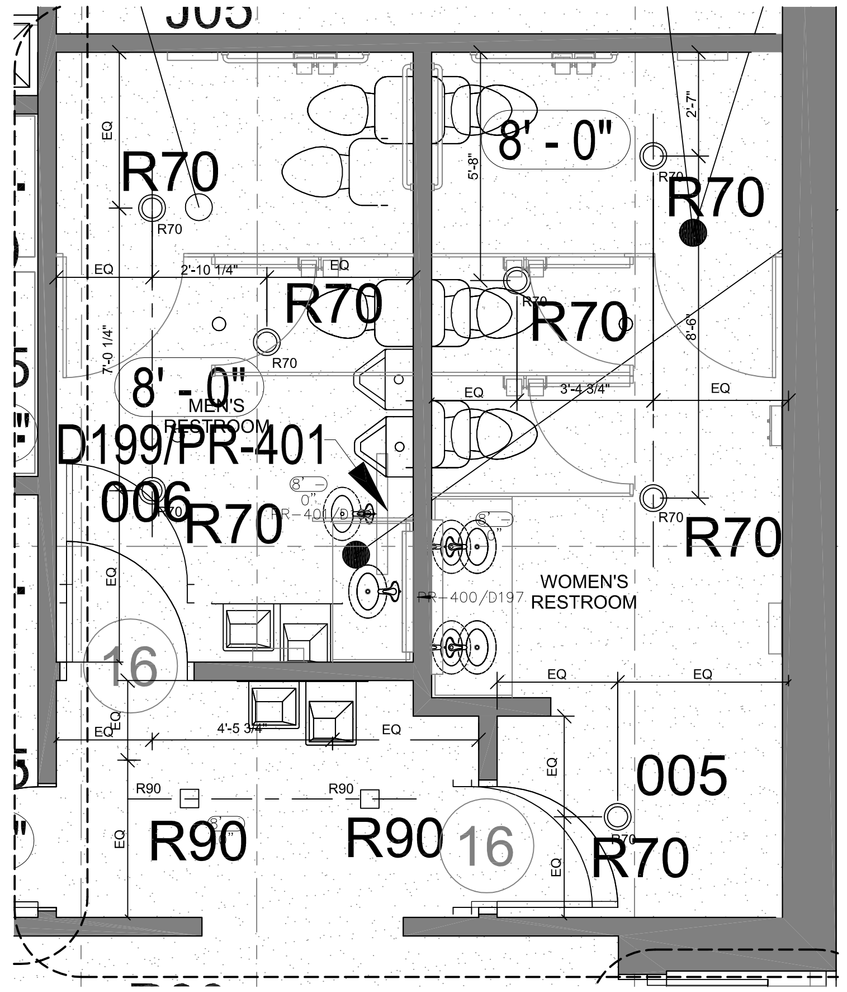
12 MEN'S RESTROOM
SCALE: 3/8" = 1'-0"



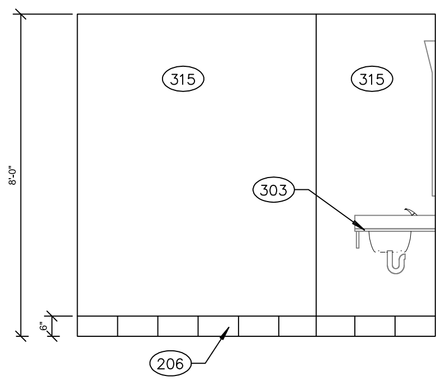
15 MEN'S RESTROOM
SCALE: 3/8" = 1'-0"



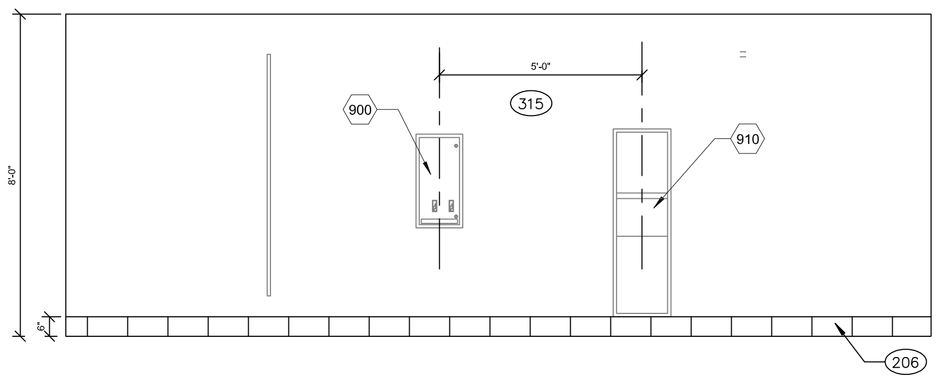
11 MEN'S RESTROOM
SCALE: 3/8" = 1'-0"



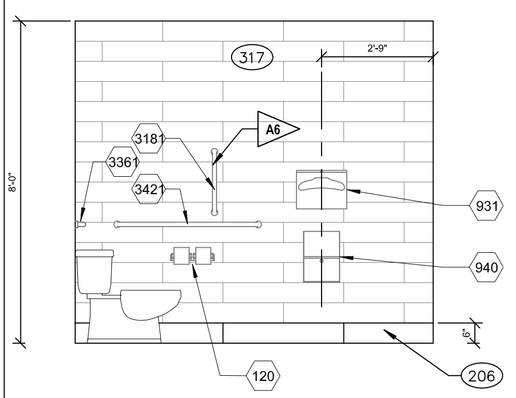
3 PUBLIC RESTROOMS - RCP
SCALE: 3/8" = 1'-0"



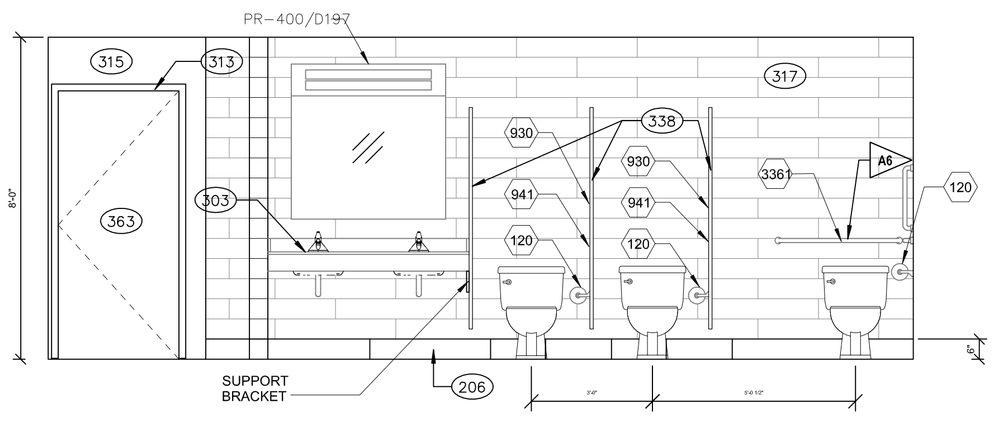
14 WOMEN'S RESTROOM
SCALE: 3/8" = 1'-0"



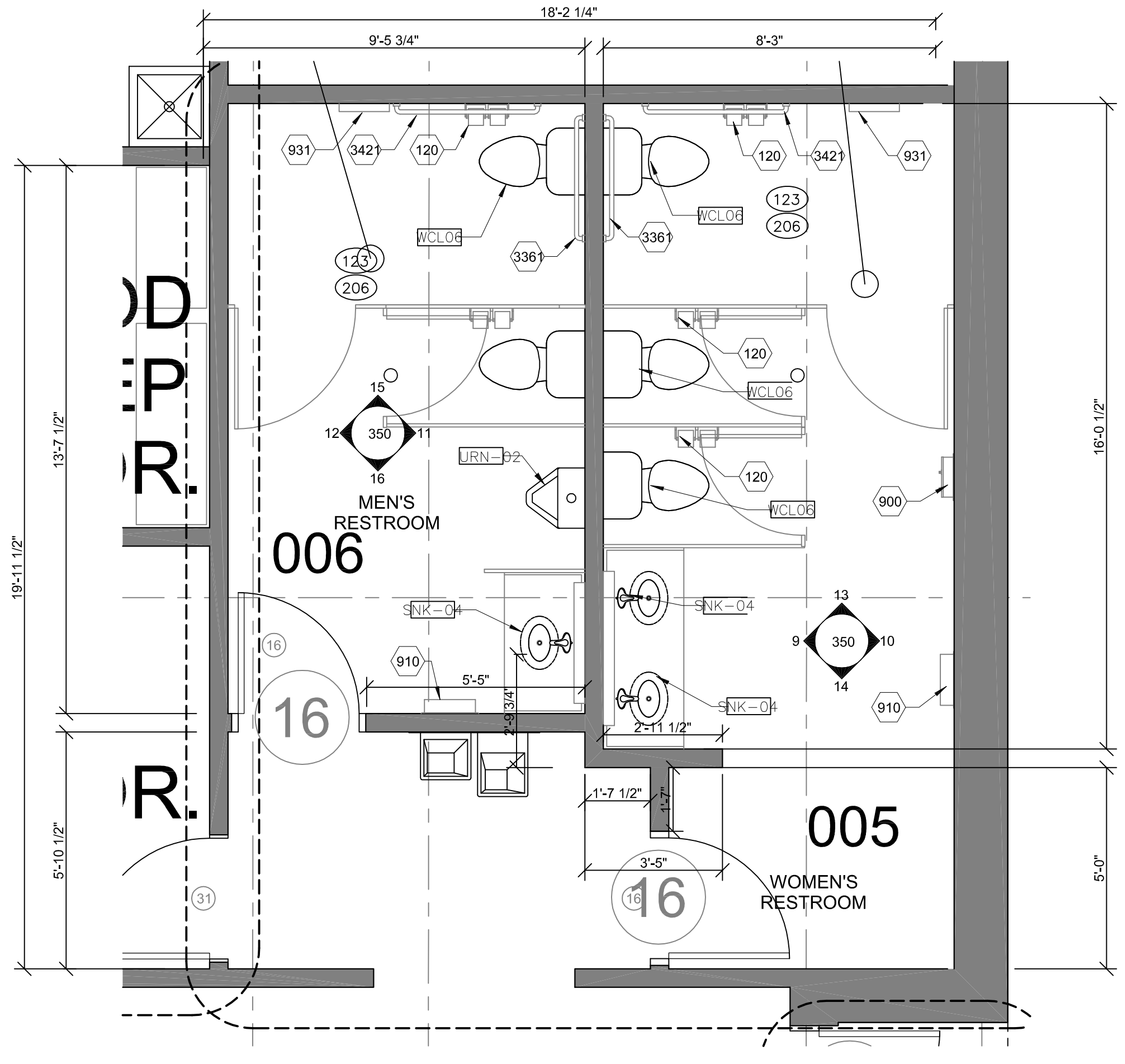
10 WOMEN'S RESTROOM
SCALE: 3/8" = 1'-0"



13 WOMEN'S RESTROOM
SCALE: 3/8" = 1'-0"



9 WOMEN'S RESTROOM
SCALE: 3/8" = 1'-0"



1 PUBLIC RESTROOMS - PLAN
SCALE: 3/8" = 1'-0"

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A0 ARCHITECTURE:

A6 PROVIDE BLOCKING FOR ACCESSORIES INCLUDING (BUT NOT LIMITED TO) GRAB BARS, SHELF AND FOOTREST, TOWEL RACKS, ETC.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

ALL DRAWINGS, SPECIFICATIONS, PLANS, IDEAS, ARRANGEMENTS AND DESIGNS REPRESENTED OR REFERRED TO ARE THE PROPERTY OF JCER DESIGN CONSULTANTS WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THEY ARE CREATED, EVOLVED, DEVELOPED AND PRODUCED SOLELY FOR USE ON AND IN CONNECTION WITH THIS PROJECT AND MAY NOT BE DISCLOSED OR GIVEN TO OR USED BY ANY PERSON, FIRM OR CORPORATION FOR ANY USE OR PURPOSE WHATSOEVER, EXCEPT UPON WRITTEN PERMISSION AND DIRECTION OF N. P. GEISLER, ARCHITECT

OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

PUBLIC RESTROOMS

PROJECT NAME

COURTYARD INN,© Lake City, Florida

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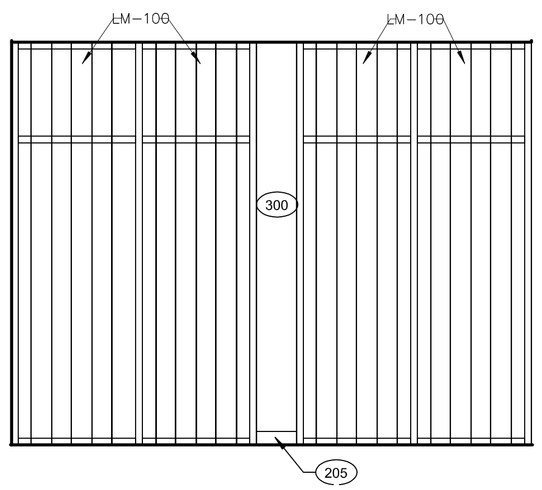
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PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-350

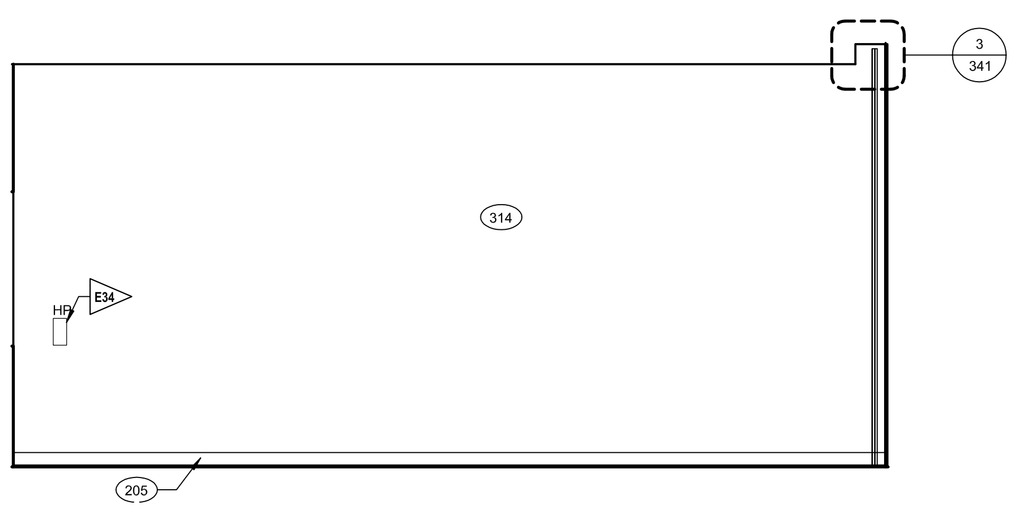
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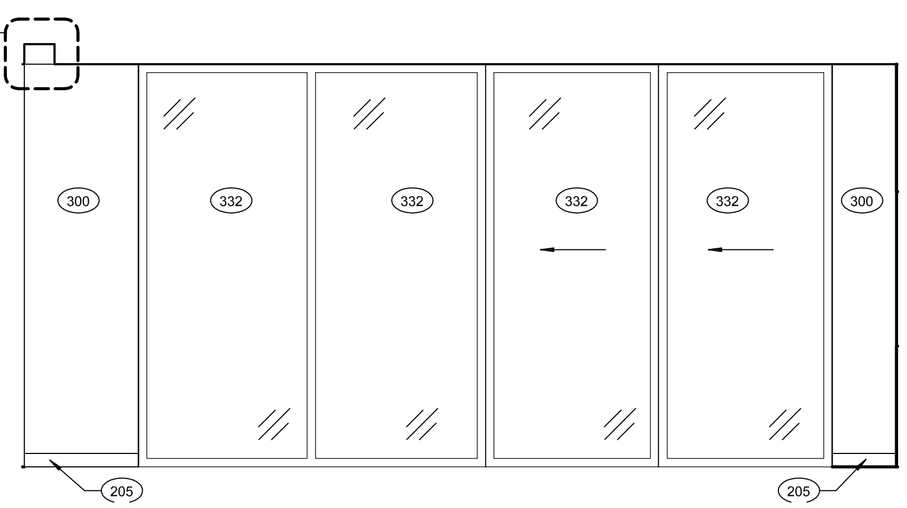
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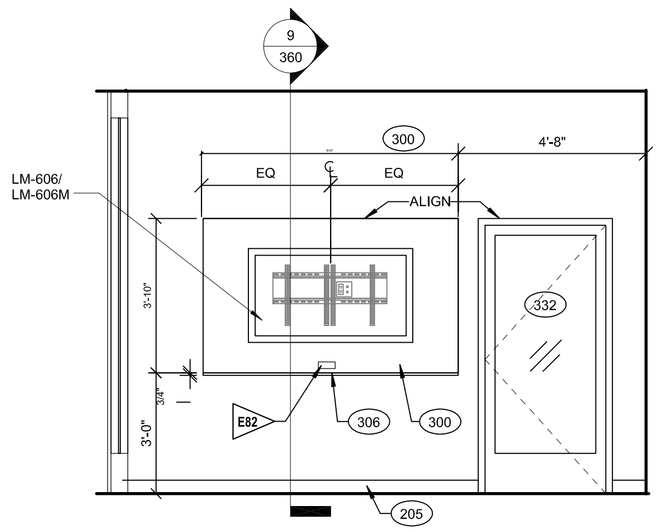
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SCALE: 3/8" = 1'-0"



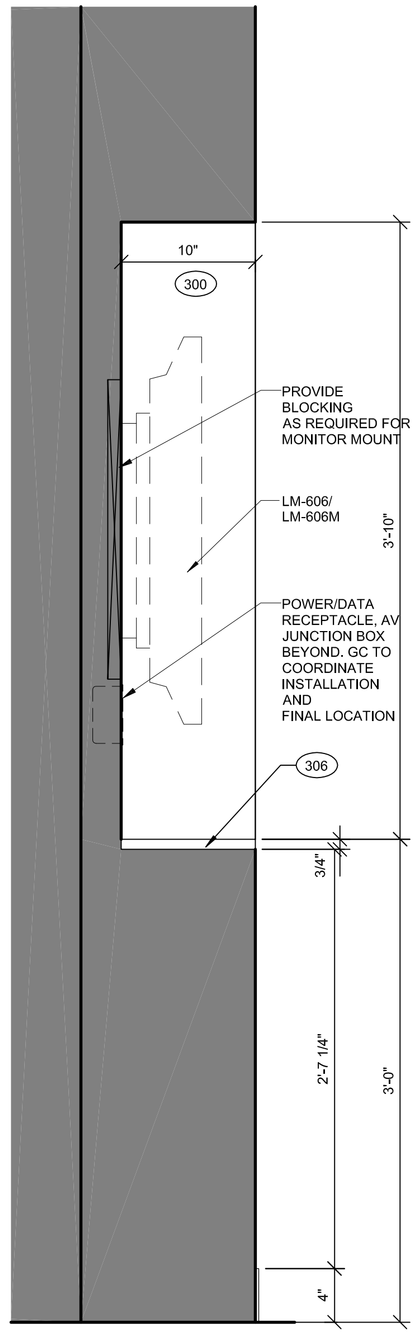
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SCALE: 3/8" = 1'-0"



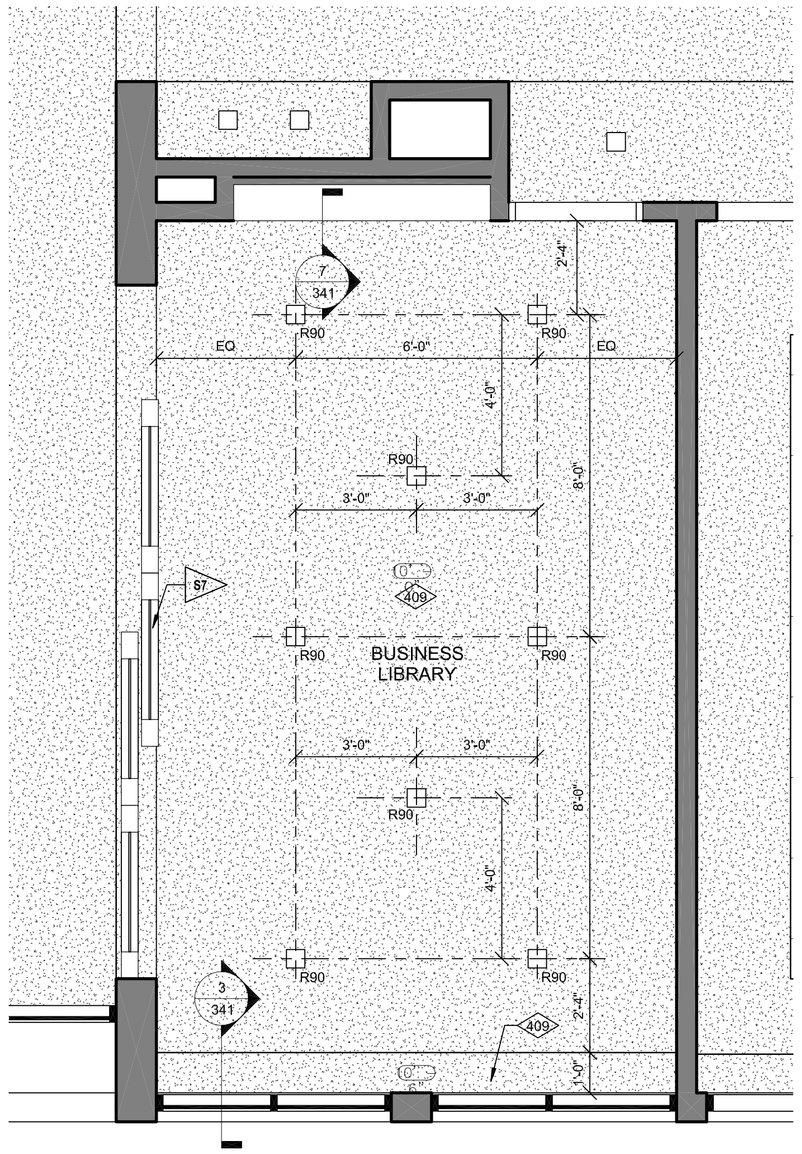
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SCALE: 3/8" = 1'-0"



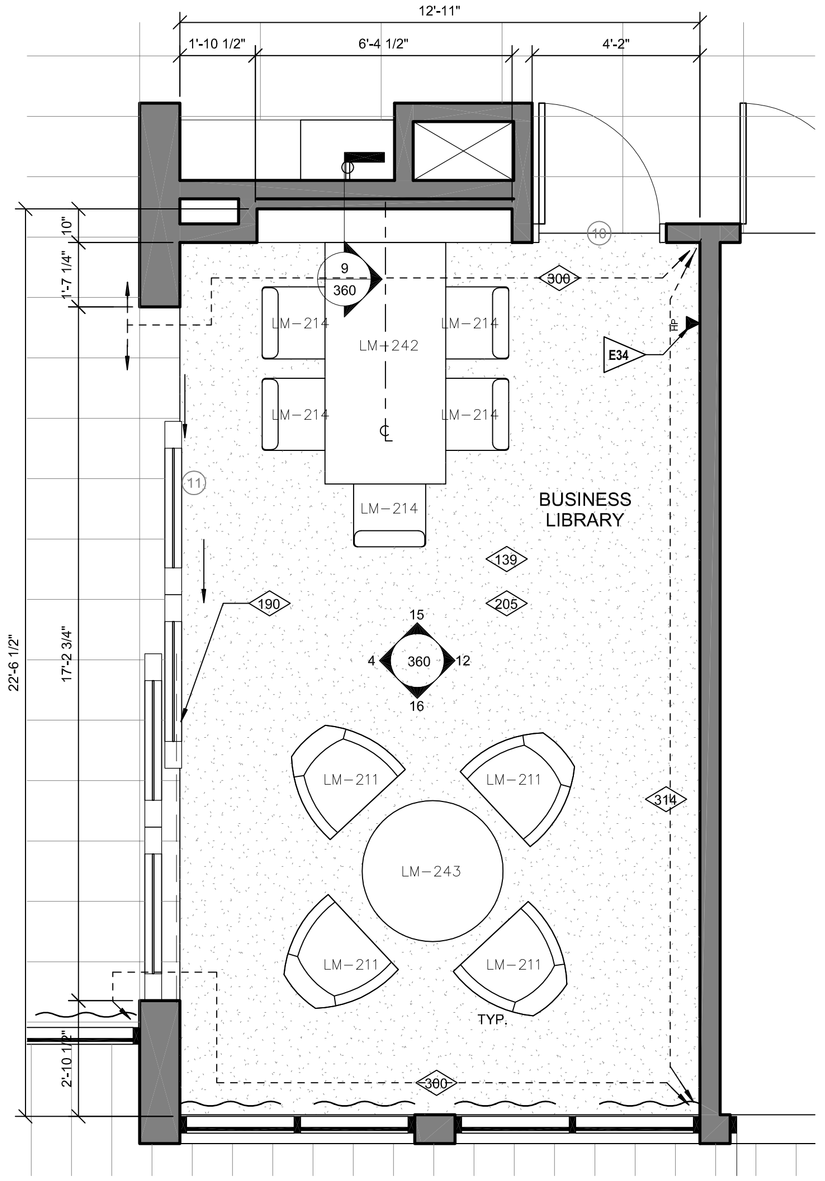
15 ELEVATION
SCALE: 3/8" = 1'-0"



9 SECTION
SCALE: 1 1/2" = 1'-0"



5 BUSINESS LIBRARY RCP
SCALE: 3/8" = 1'-0" referenced from: 205



1 BUSINESS LIBRARY PLAN
SCALE: 3/8" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

CRITERIA NOTES

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E0 ENGINEERING

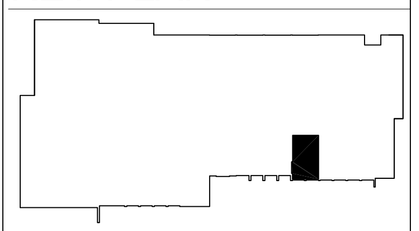
E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O. 44" A.F.F. (TYPICAL)

E82 PROVIDE LEGRAND ADORNE RECEPTACLE (2) OUTLETS + (2) USB

S0 STRUCTURAL

S7 PROVIDE STRUCTURAL SUPPORT IN CEILING FOR MOVABLE PARTITION SYSTEM

KEY PLAN



NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

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LAKE CITY, FL 32055

CIVIL ENGINEER

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GAINESVILLE, FL32609

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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
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P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
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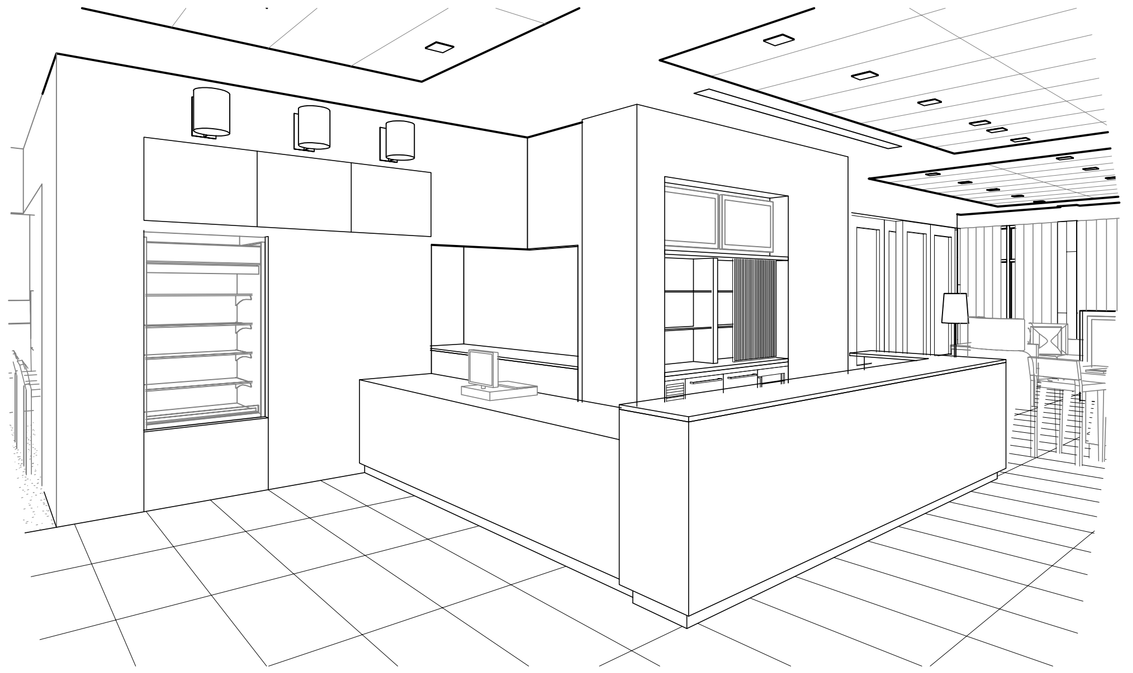
DRAWING NAME

BUSINESS LIBRARY

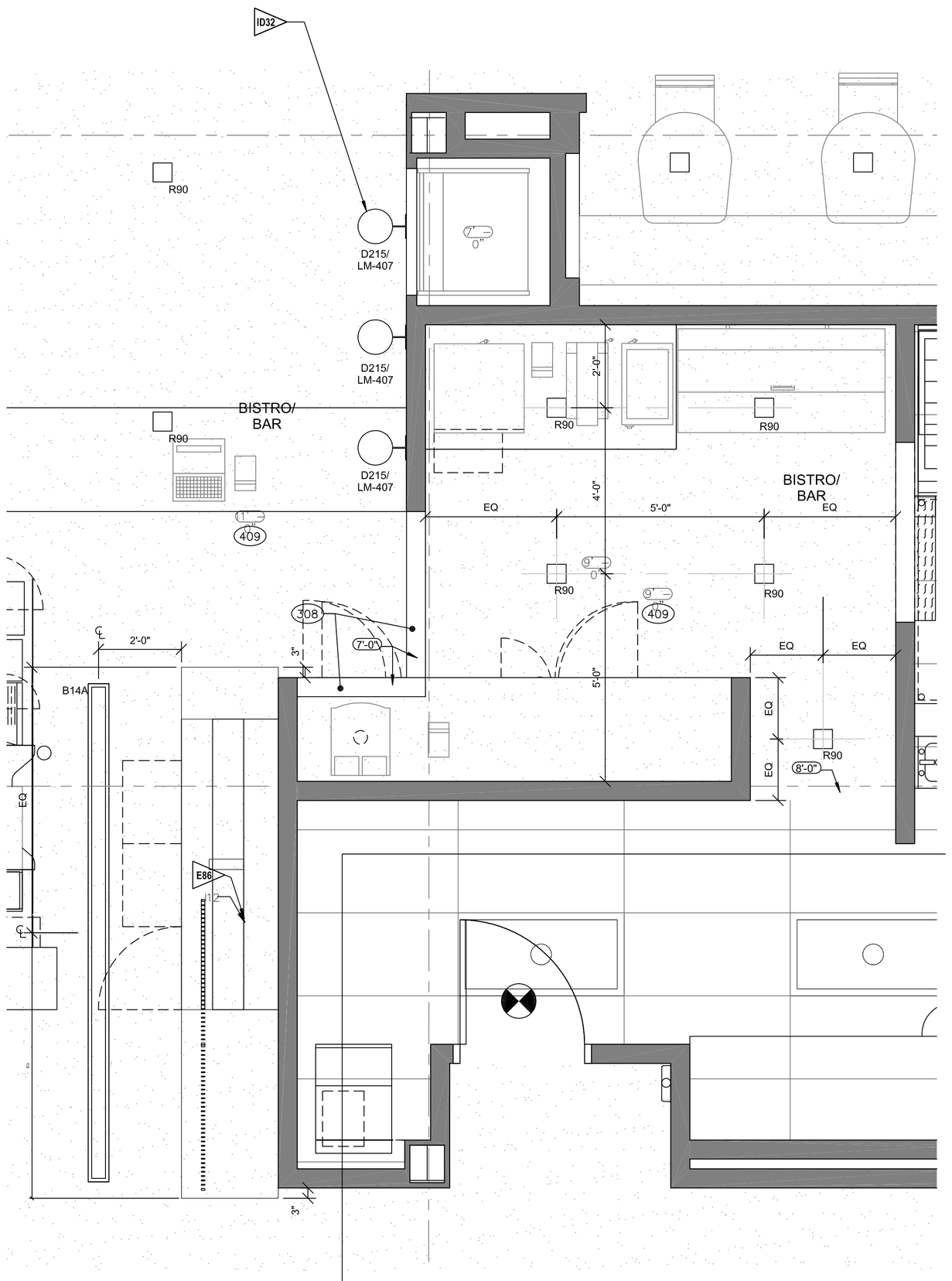
PROJECT NAME

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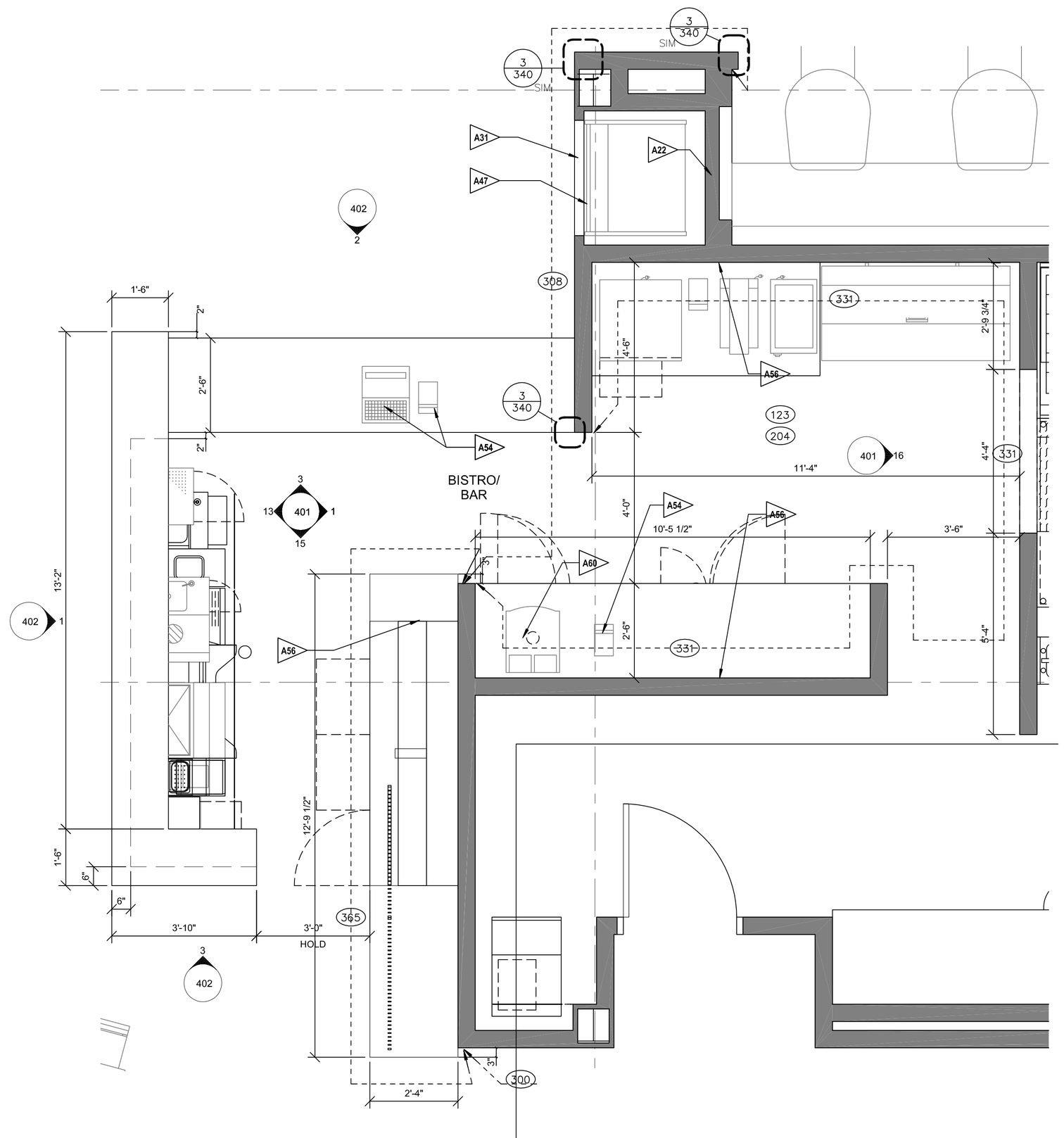
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
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	PAGE NUMBER 59
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4 **BAR/ BISTRO 3D VIEW**
NO SCALE



9 **BAR/BISTRO RCP**
SCALE: 1/2" = 1'-0" referenced from: 301



1 **BAR/BISTRO PLAN**
SCALE: 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RETAIL" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR EQUIPMENT INFORMATION (COORDINATED WITH DWG MARK NUMBER) AND SPECIFICATIONS, INCLUDING DIMENSIONS FOR UTILITY REQUIREMENTS.

GENERAL NOTES

1. COORDINATE POWER AND PLUMBING FOR ALL EQUIPMENT.
2. FINISH COVER PLATES & RECEPTACLES IN ALL MILLWORK PIECES TO MATCH ADJACENT FINISH COLORS.

CRITERIA NOTES

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A0 ARCHITECTURE:

A22 ARCHITECT TO COORDINATE REAR ACCESS AND PROPER CLEARANCES FOR GRAB-AND-GO REFRIGERATOR

A31 REMOVABLE WALL PANEL FOR FRONT ACCESS TO GRAB-AND-GO COOLER. METHOD OF ATTACHMENT TO BE CONCEALED.

A47 DESIGNER TO COORDINATE OPENING AND REMOVEABLE PANEL SIZE WITH EQUIPMENT.

A54 NETWORK PLUG CONNECTIONS FOR MICROS & MICROS PRINTERS AT BAR/BISTRO SHALL BE SECURED WITH RJ45 PLUG LOCK-IN DEVICE. MANUFACTURER: PANDUIT MODEL: PSL-DCPL. PROVIDE 1-1/2" DIA. CUTOUT AT EA. LOCATION.

A56 HOLD OUTLETS AT BAR/BISTRO COUNTER AT 6" ABV. THE COUNTER SURFACE AT THE BACK BAR.

A60 3" DIAMETER CUT-OUT FOR PROPRIETARY COFFEE MACHINE. COORDINATE WITH EQUIPMENT SPECIFICATIONS.

E0 ENGINEERING:

E86 LIGHT BEHIND BACK BAR FOCAL WALL.

ID0 INTERIOR DESIGN

ID32 WALL SCONCE LOCATION TO BE COORDINATED WITH MENU BOARDS. CENTER (1) FIXTURE OVER EACH MENU BOARD.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
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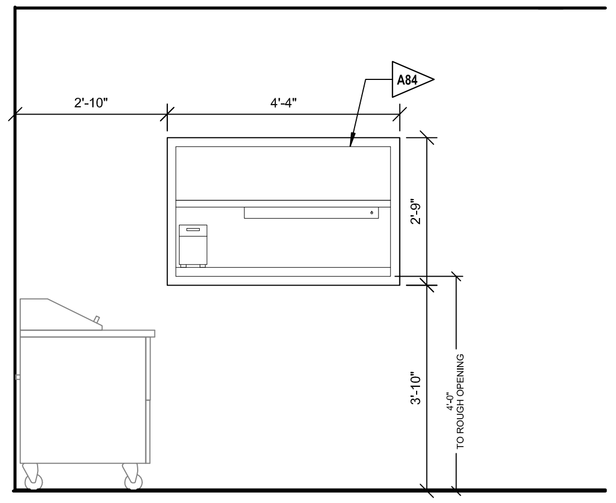
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BAR/ BISTRO PLAN & RCP

PROJECT NAME

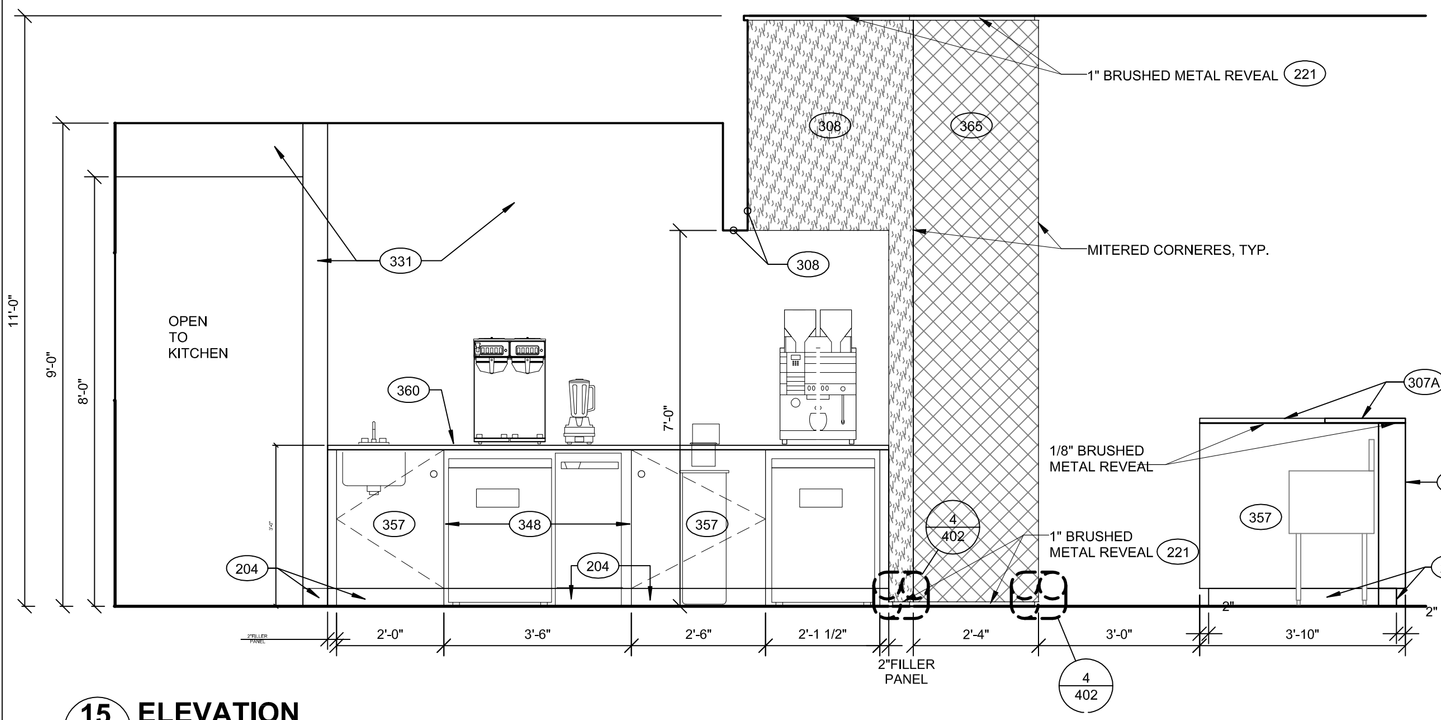
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
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	A-400
	PAGE NUMBER 60
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



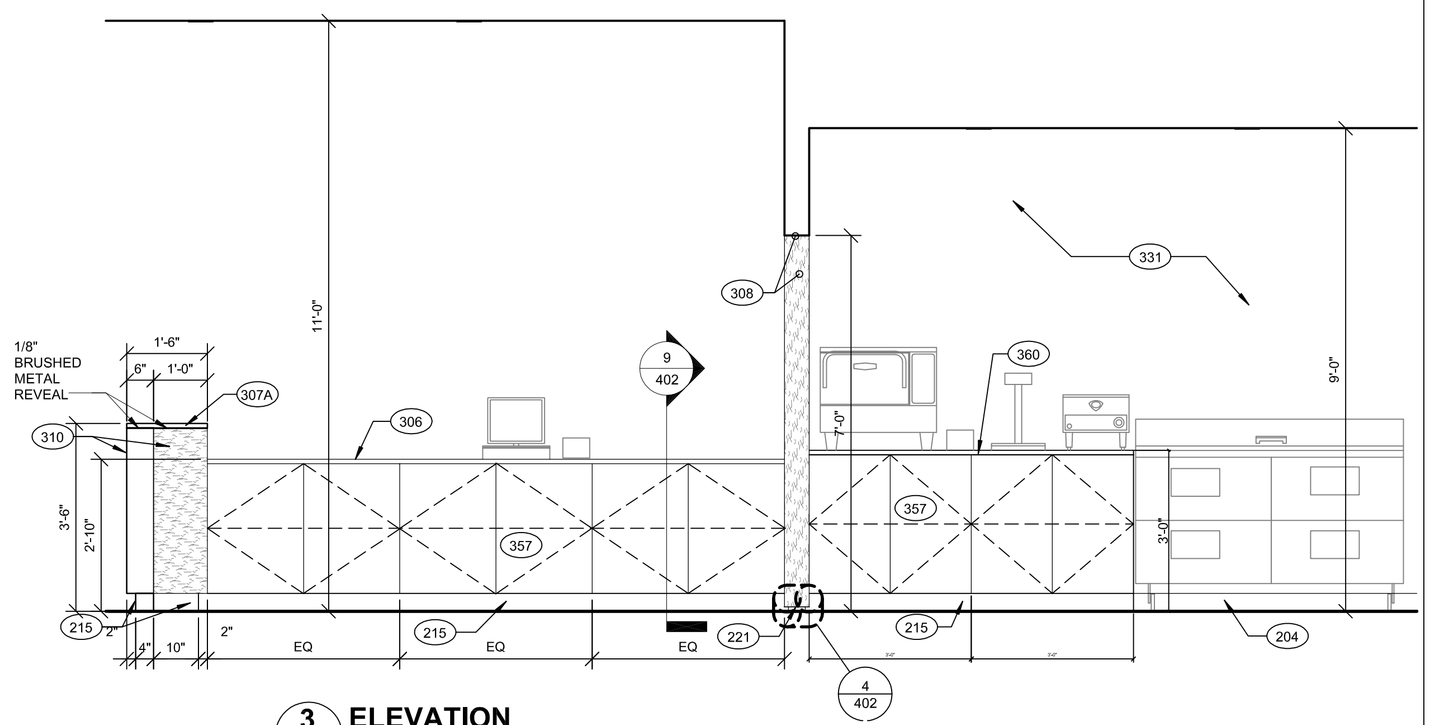
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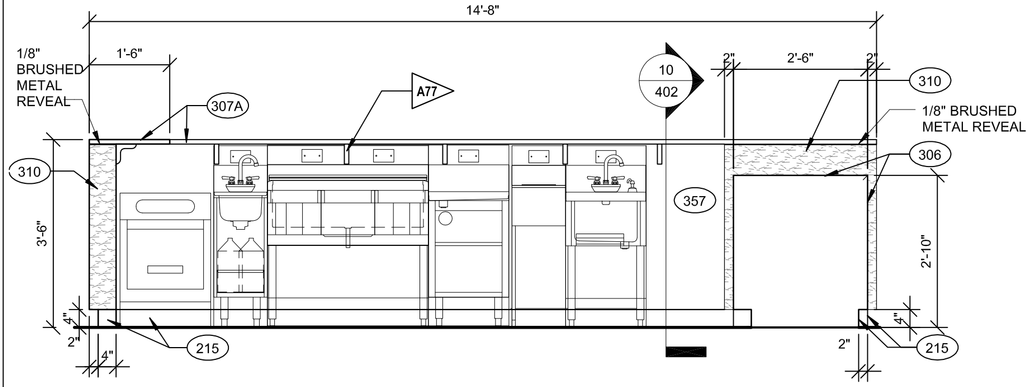
15 ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400



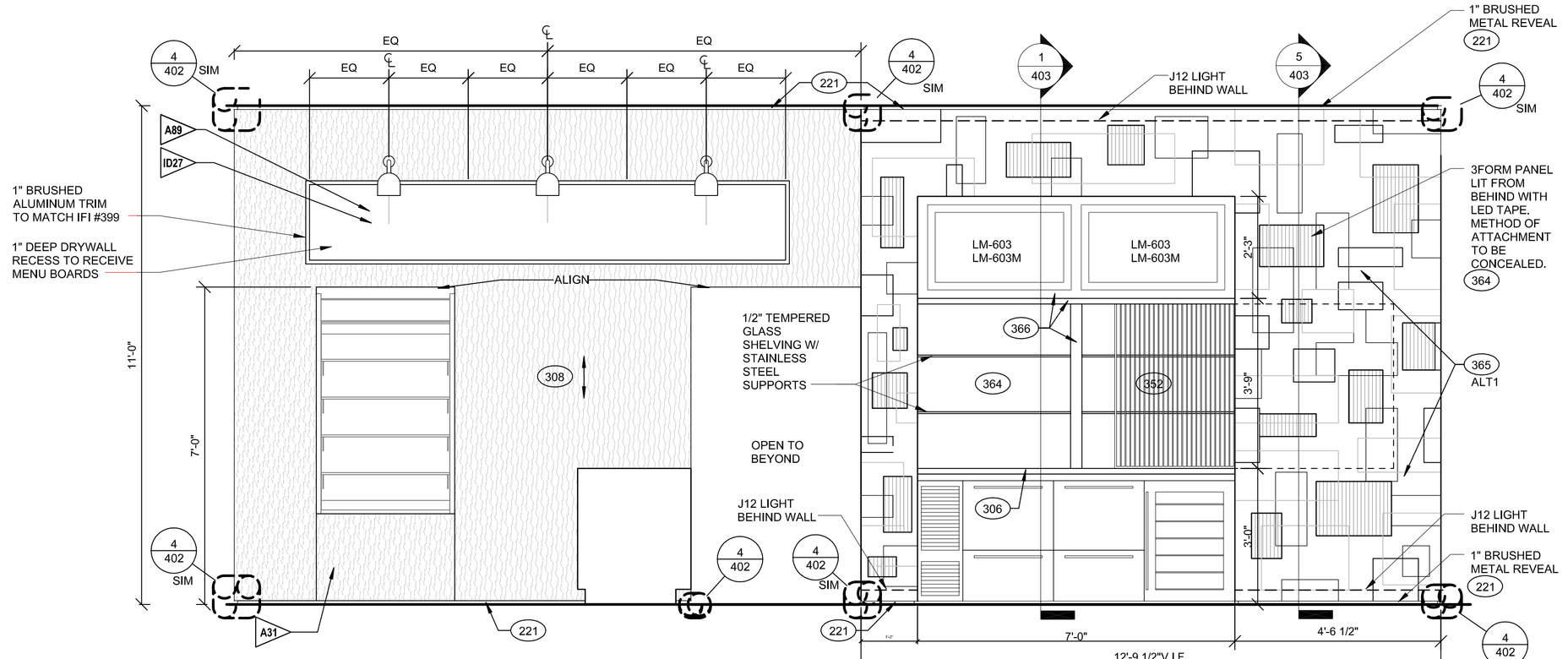
3 ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400



13 ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400



1 ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RETAIL" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE W/ THE ENTIRE DESIGN STANDARDS.

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A0 ARCHITECTURE:

A31 REMOVABLE WALL PANEL FOR FRONT ACCESS TO GRAB-AND-GO COOLER. METHOD OF ATTACHMENT TO BE CONCEALED.

A77 SUPPORT BRACKET FOR MILLWORK COUNTERTOP. G.C./ARCHITECT TO COORDINATE EXACT LOCATION OF BRACKETS W/ BAR EQUIPMENT.

A84 PASS-THRU MEAL SERVICE WINDOW. REFER TO MANUFACTURES SPEC FOR ROUGH OPENING DIMENSIONS.

A89 PROVIDE BLOCKING AS REQUIRED FOR MENU BOARDS.

ID0 INTERIOR DESIGN

ID27 SIGNAGE (MENU BOARDS) PROVIDED BY OTHERS. COORDINATE OVERALL SIZE OF RECESS FOR MENU BOARD WITH SIGNAGE SUPPLIER (GFX: LAUREN MULRONEY -1,877.706.2726)

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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OWNER

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404 NW HALL OF FAME DRIVE
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CIVIL ENGINEER

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REVISIONS

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	90% SET	11.20.2018

DRAWING NAME

BAR/ BISTRO - ELEVATIONS

PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE

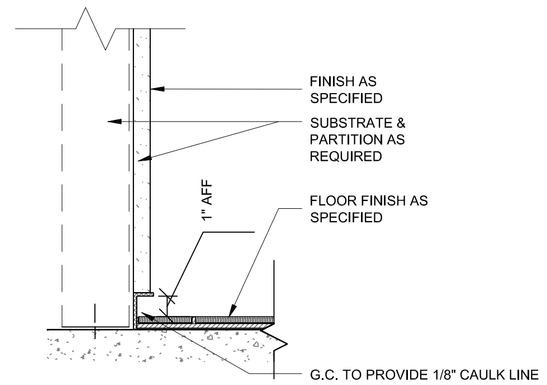
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-401

PAGE NUMBER 61

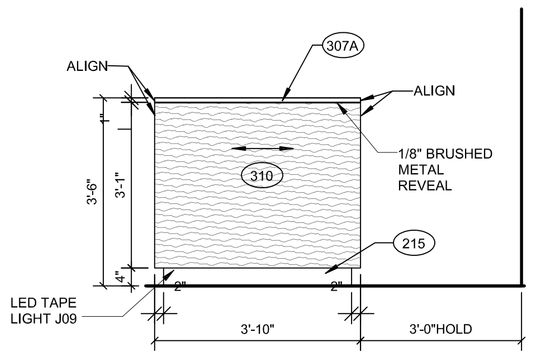
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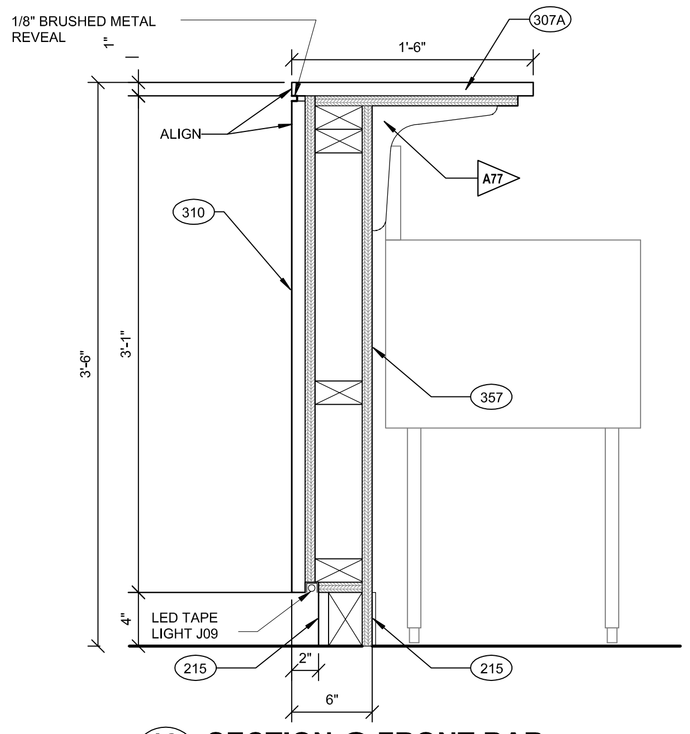
4 DETAIL @ REVEAL BASE

SCALE: 3" = 1'-0"



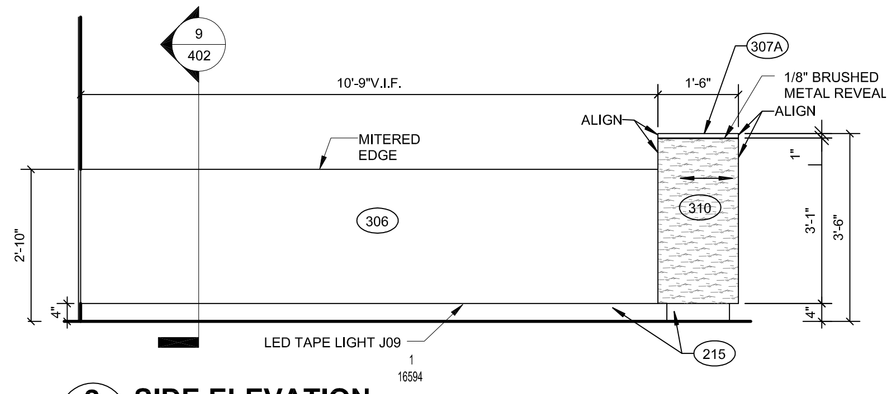
3 SIDE ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400



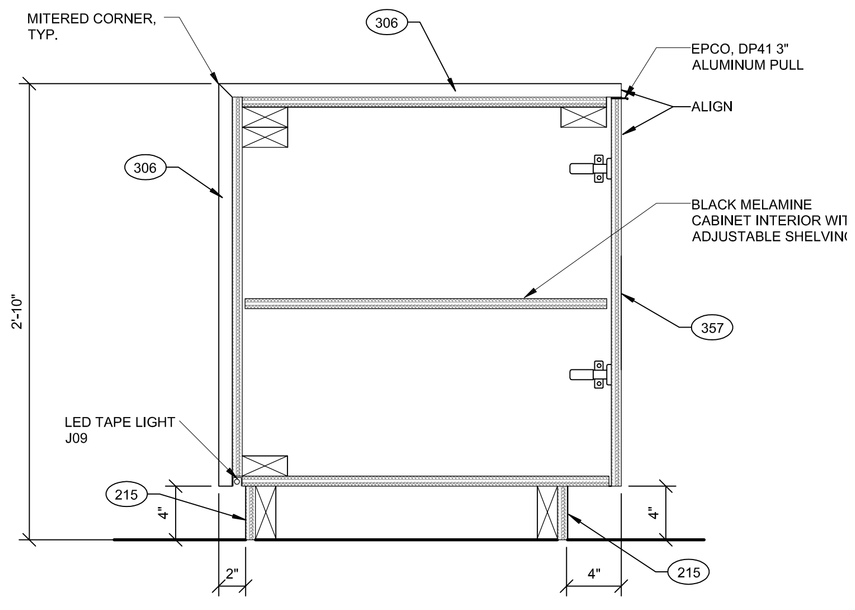
10 SECTION @ FRONT BAR

SCALE: 1 1/2" = 1'-0"



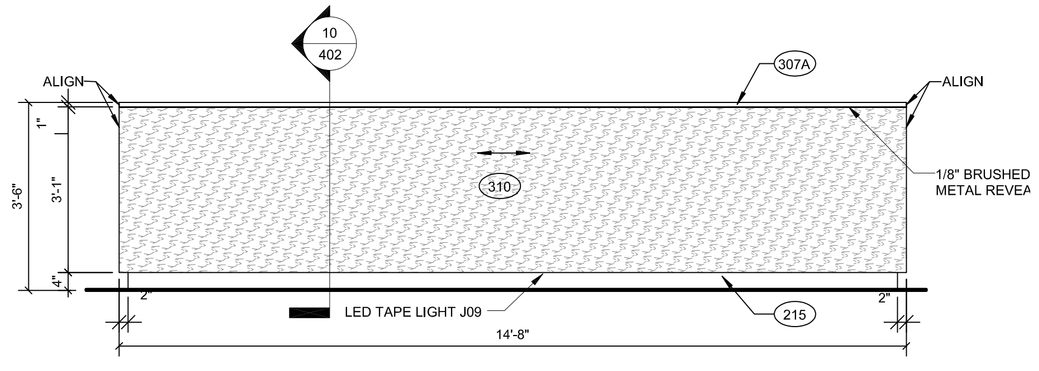
2 SIDE ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400



9 SECTION @ SIDE COUNTER

SCALE: 1 1/2" = 1'-0"



1 FRONT ELEVATION

SCALE: 1/2" = 1'-0" referenced from: 400

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GENERAL NOTES

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A0 ARCHITECTURE:

A77 SUPPORT BRACKET FOR MILLWORK COUNTERTOP. G.C./ARCHITECT TO COORDINATE EXACT LOCATION OF BRACKETS W/ BAR EQUIPMENT.

ID0 INTERIOR DESIGN

ID27 SIGNAGE (MENU BOARDS) PROVIDED BY OTHERS. COORDINATE OVERALL SIZE OF RECESS FOR MENU BOARD WITH SIGNAGE SUPPLIER (GFX: LAUREN MULRONEY -1.877.706.2726)

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

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	90% SET	11.20.2018

DRAWING NAME

BAR/ BISTRO - DETAILS

PROJECT NAME

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Lake City, Florida

SEAL+SIGNATURE

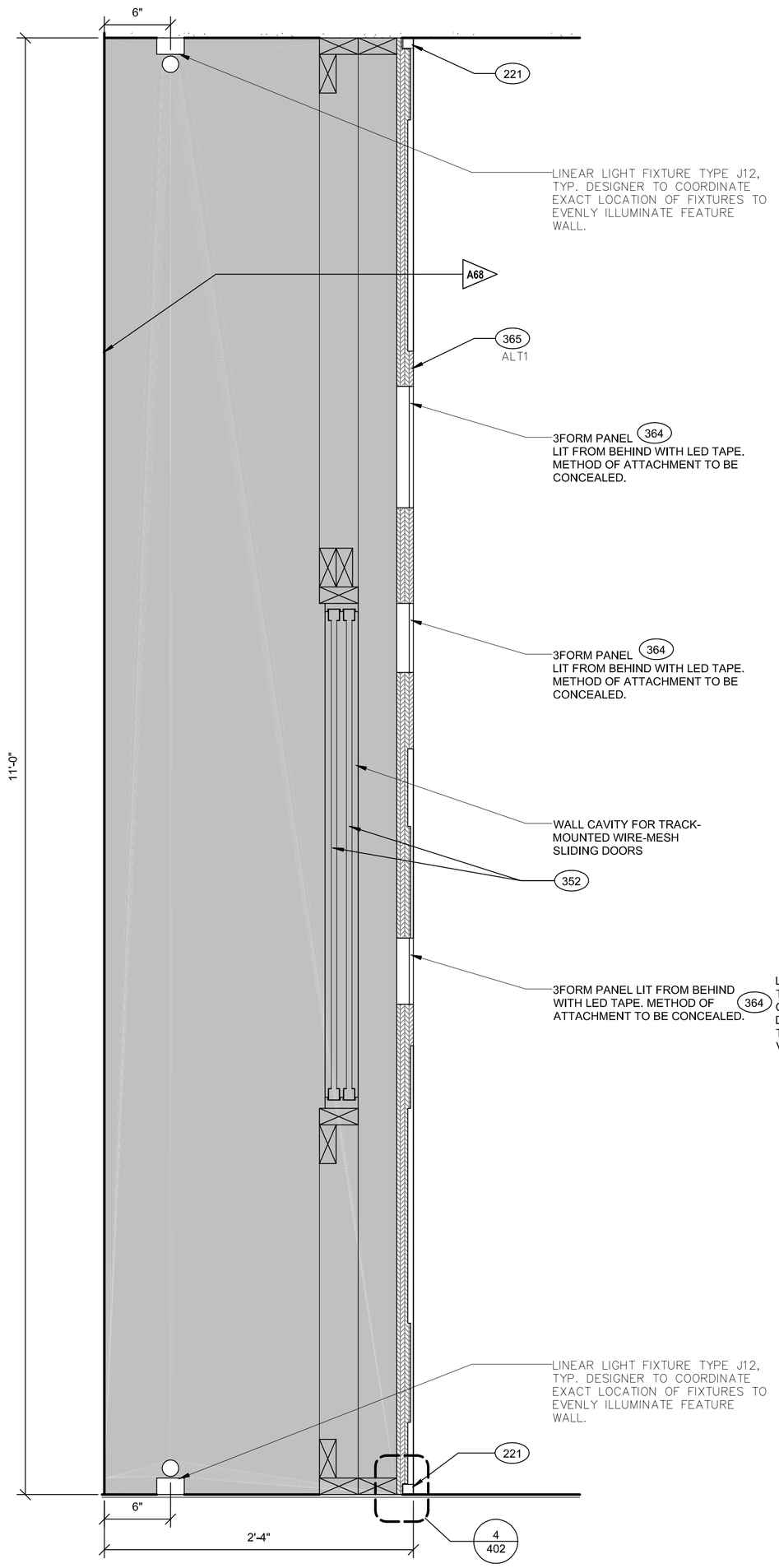
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-402

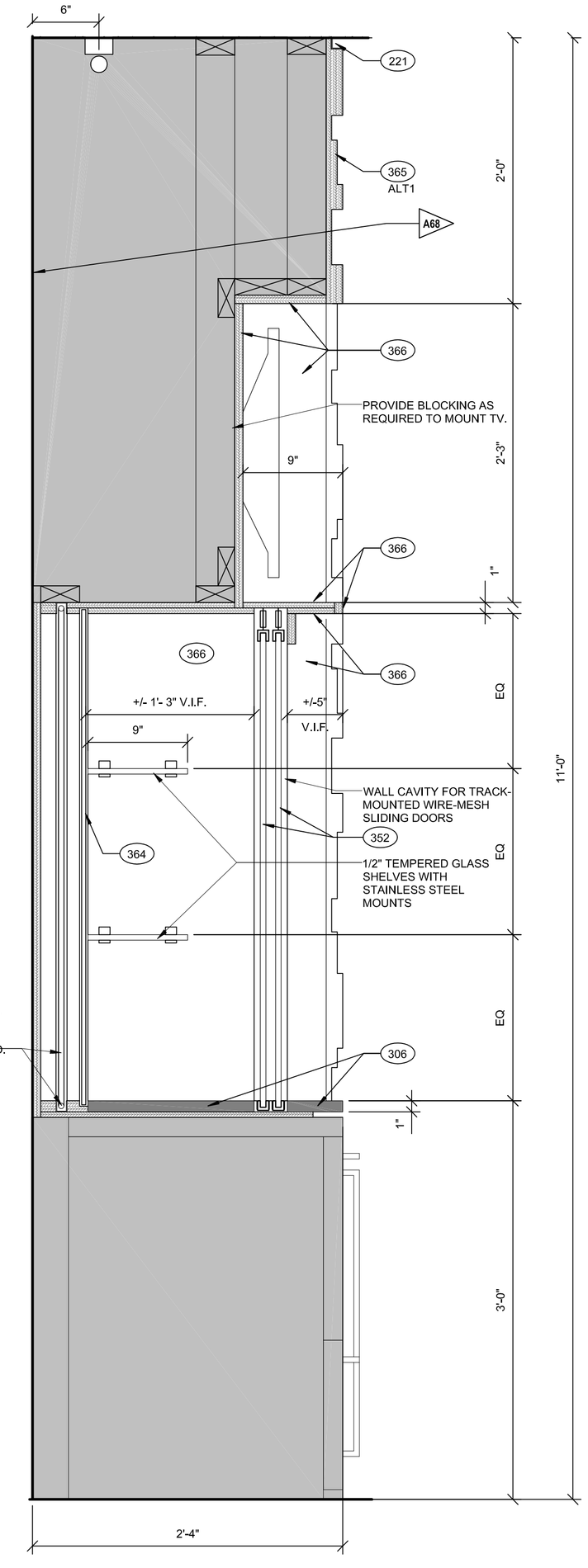
PAGE NUMBER 62

FLORIDA REG.: AR0007005

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5 SECTION
SCALE: 1 1/2" = 1'-0" referenced from: 401



1 SECTION
SCALE: 1 1/2" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RETAIL" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE W/ THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR EQUIPMENT INFORMATION (COORDINATED W/ DWG MARK NUMBER) AND SPECIFICATIONS, INCLUDING DIMENSIONS AND UTILITY REQUITEMENTS.

GENERAL NOTES

1. COORDINATE POWER AND PLUMBING FOR ALL EQUIPMENT.
2. FINISH COVER PLATES & RECEPTACLES IN ALL MILL-WORK PIECES TO MATCH ADJACENT FINISH COLORS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

A68 DESIGNER TO PROVIDE ACCESS PANEL BEHIND BISTRO FEATURE WALL TO ALLOW FOR LIGHTING MAINTENANCE

ID0 **INTERIOR DESIGN**

ID27 SIGNAGE (MENU BOARDS) PROVIDED BY OTHERS. COORDINATE OVERALL SIZE OF RECESS FOR MENU BOARD WITH SIGNAGE SUPPLIER (GFX: LAUREN MULRONEY -1.877.706.2726)

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
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STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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DRAWING NAME

BAR/ BISTRO - DETAILS

PROJECT NAME

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Lake City, Florida

SEAL+SIGNATURE

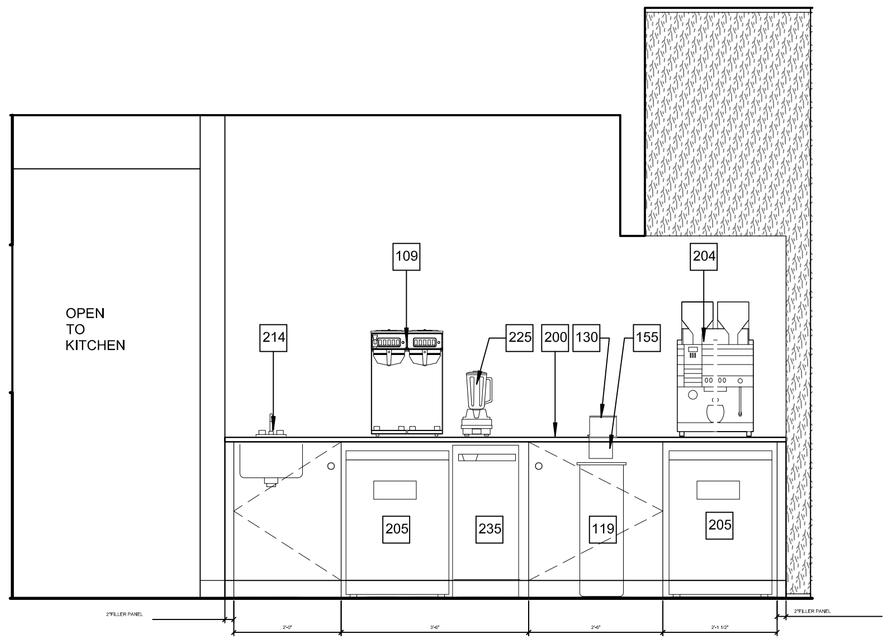
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-403

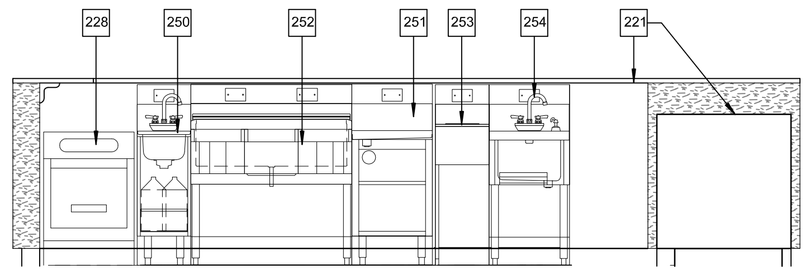
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15 **ELEVATION**
SCALE: 1/2" = 1'-0"

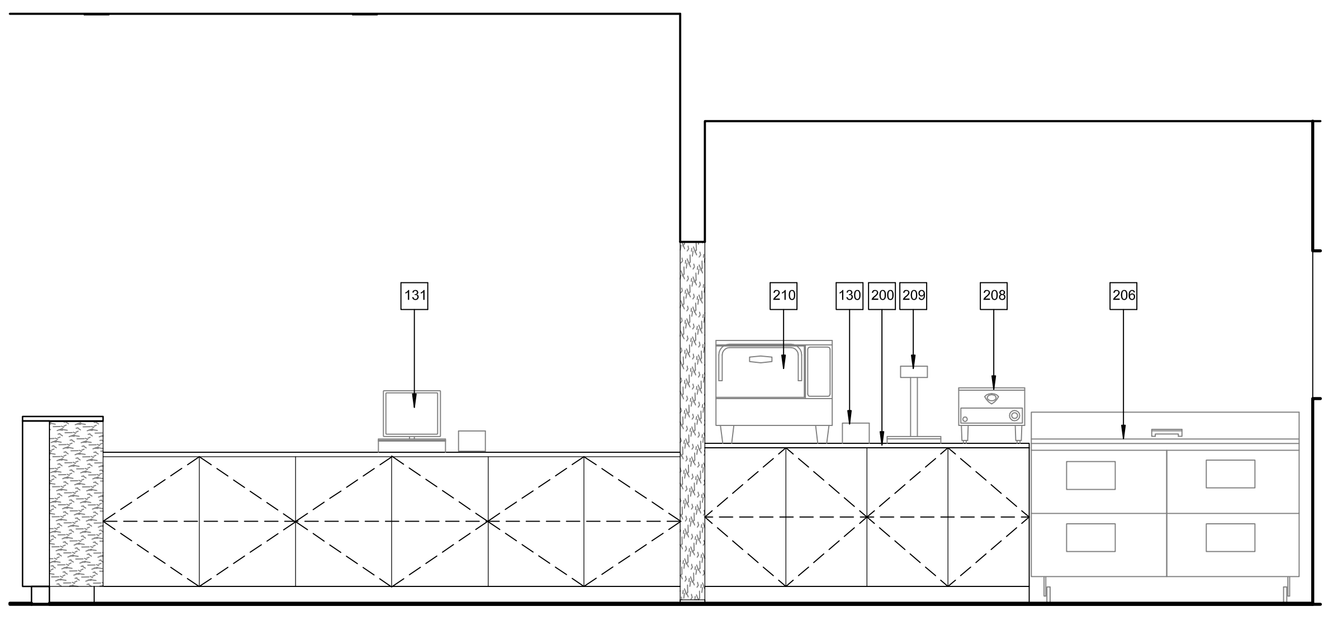


11 **ELEVATION**
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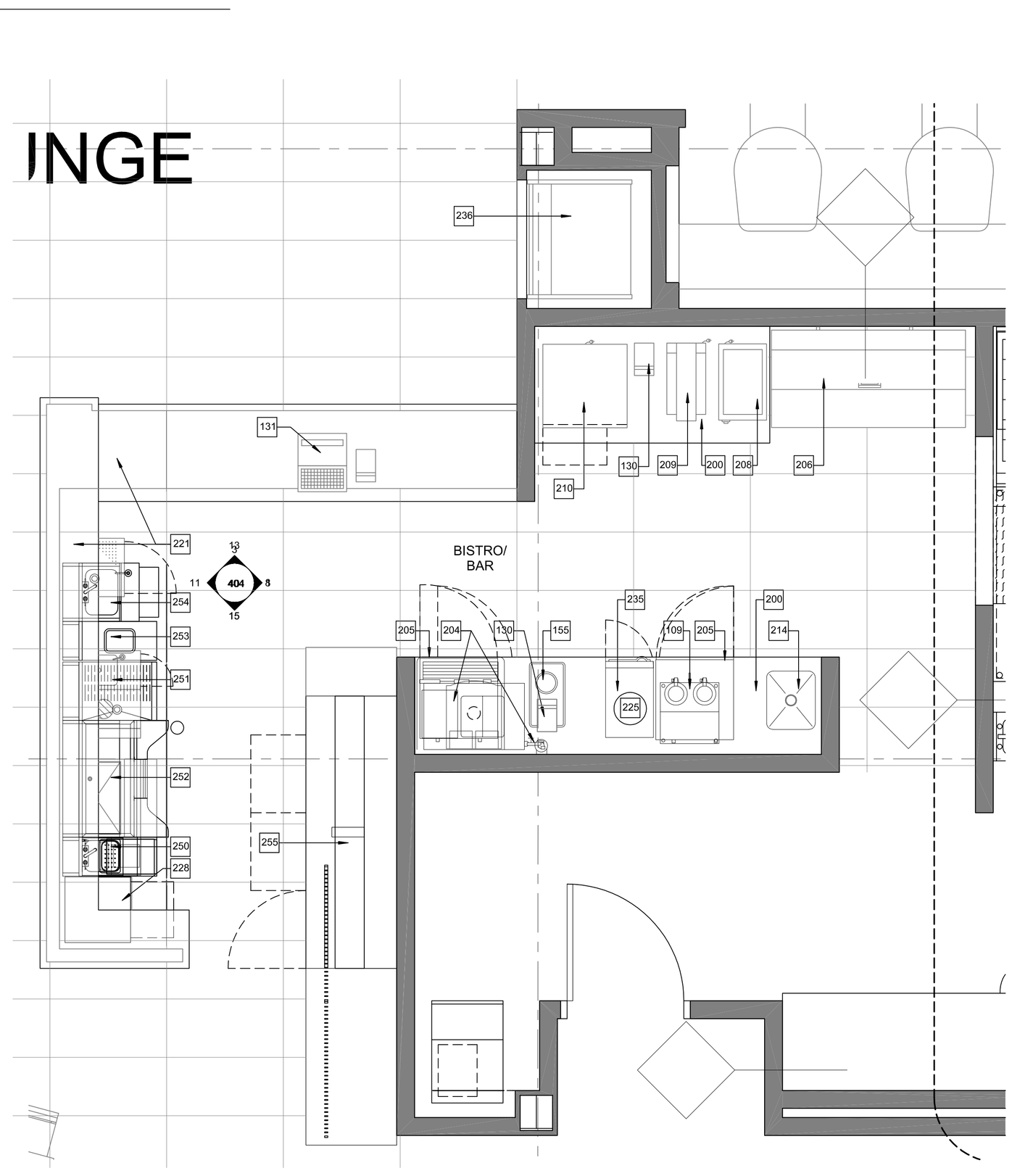
EQUIPMENT SCHEDULE - FOODSERVICE

MARK	QTY	DESCRIPTION	COMMENTS
109	1	COFFEE BREWER	BY VENDOR, NIKEC; BREWER IN KITCHEN
119	LOT	GARBAGE CANS	BY OPERATOR, NIKEC
130	2	TICKET PRINTER	BY OPERATOR, NIKEC
131	1	POS, KEYPAD, VALIDATOR & DRAWER	BY OPERATOR, NIKEC
155	1	WASTE CHUTE	
200	LOT	BACK COUNTER	BY OPERATOR, NIKEC
204	1	ESPRESSO UNIT WITH WATER FILTER	
205	2	UNDERCOUNTER REFRIGERATOR	
206	1	SANDWICH REFRIGERATOR	
208	1	HOT FOOD WELL	
209	1	HOT SHELF	
210	1	COUNTER OVEN	
214	1	DROP-IN SINK	
220	1	COUNTER OVEN	ALTERNATE TO 210
221	LOT	BAR MILLWORK	BY G.C.; ARCHITECTURAL MILLWORK
225	1	BLENDER	
228	1	GLASSWASHER	
235	1	UNDERCOUNTER ICE MAKER	
236	1	AIRSCREEN REFRIGERATOR	
250	1	WET WASTE STATION	
251	1	DRAINBOARD	
252	1	ICE BIN	
253	1	DRY WASTE CHUTE	
254	1	HAND SINK	
255	1	BACKBAR REFRIGERATOR	

NIKEC - NOT IN KITCHEN EQUIPMENT CONTRACT



13 **ELEVATION**
SCALE: 1/2" = 1'-0"



1 **BAR/BISTRO PLAN**
SCALE: 1/2" = 1'-0"

REFERENCE NOTES

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B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR EQUIPMENT INFORMATION (COORDINATED W/ DWG MARK NUMBER) AND SPECIFICATIONS, INCLUDING DIMENSIONS AND UTILITY REQUITEMENTS.

GENERAL NOTES

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2. ALL REFRIGERATORS WILL BE FURNISHED WITH THERMOMETERS WHICH ARE EASILY READABLE, IN PROPER WORKING CONDITION AND ACCURATE WITHIN A RANGE OF PLUS OR MINUS 2 DEGREES.
3. ALL COUNTERTOP EQUIPMENT NOT READILY MOVABLE, WEIGHING OVER 80 POUNDS, WILL BE PROVIDED WITH 4" LEGS WITH ADJUSTABLE FEET.
4. ALL CUTTING BOARDS & WORK SURFACES SHALL BE OF NON-WOOD CONSTRUCTION OR N.S.F. APPROVED.
5. ALL FOOD SERVICE AND RELATED EQUIPMENT SHALL BE INSTALLED IN CONFORMITY WITH N.S.F. STANDARDS AND SHALL BE N.S.F. APPROVED.
6. AN AISLE SPACE OF THIRTY (30) INCHES OF MORE SHALL BE PROVIDED WITHIN ALL WORK SPACES.
7. BACKSPLASHES OF EQUIPMENT SHALL BE INSTALLED A MINIMUM OF THREE (3) INCHES OFF THE WALL OR SEALED TO THE WALL WITH CLEAR SILICONE SEALANT.
8. A MINIMUM OF 50 FOOT CANDLES OF LIGHT SHALL BE PROVIDED IN ALL FOOD PREPARATION AND SERVING AREAS.
9. HANDWASHING FACILITIES ARE REQUIRED IN THE FOOD PREPARATION, SERVING, & UTENSIL WASHING AREAS AND WILL BE SHOWN ON THE FLOOR PLAN.
10. SNEEZE GUARD PROTECTION, WHERE APPLICABLE, WILL BE PROVIDED FOR EXPOSED, UNWRAPPED FOOD SHOWN AT SUCH AREAS AS BUFFETS. VERIFY WITH LOCAL HEALTH DEPARTMENT FOR REQUIRED LOCATIONS FOR SNEEZE GUARDS.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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CIVIL ENGINEER

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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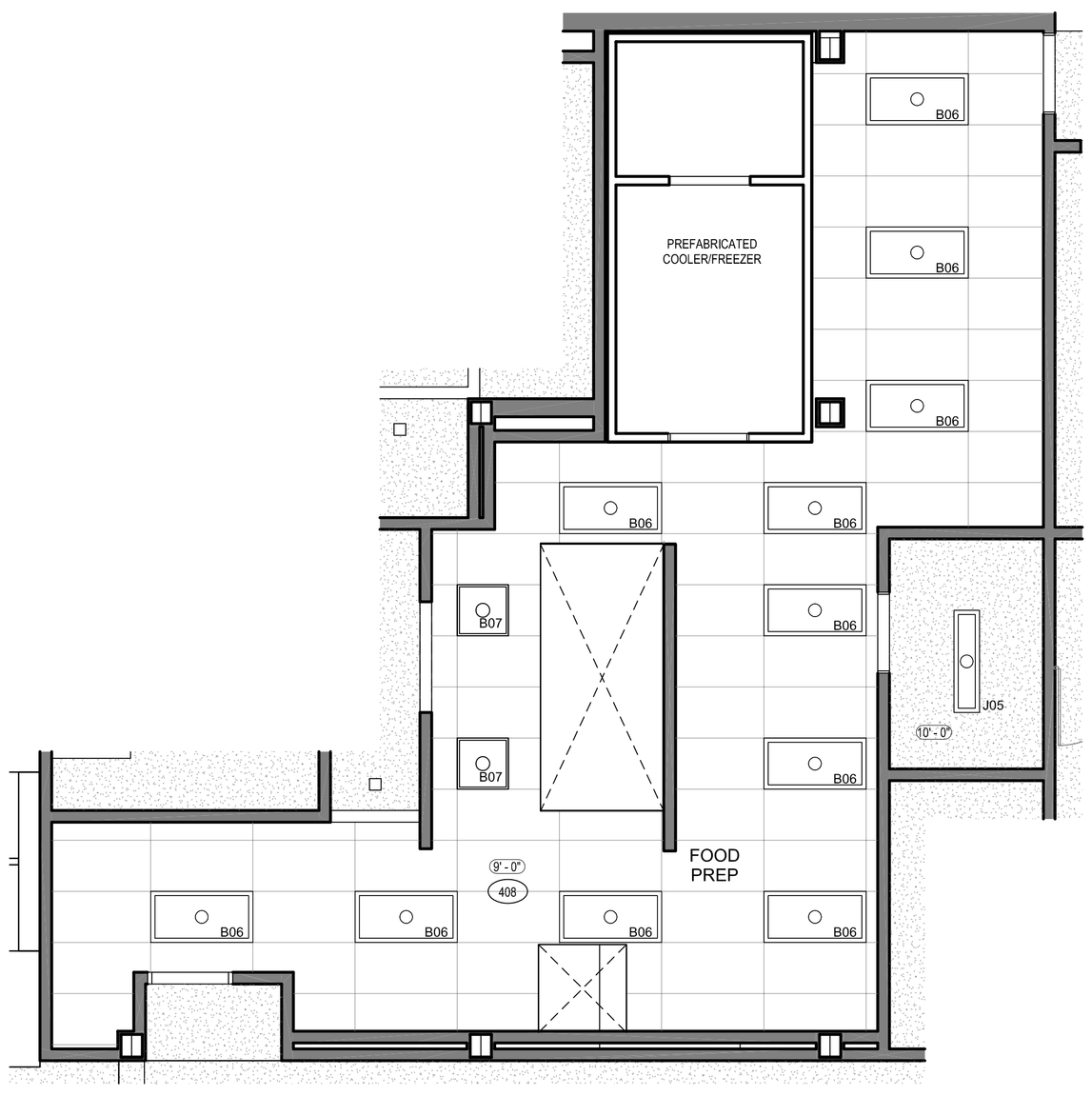
DRAWING NAME

BAR/ BISTRO - EQUIPMENT

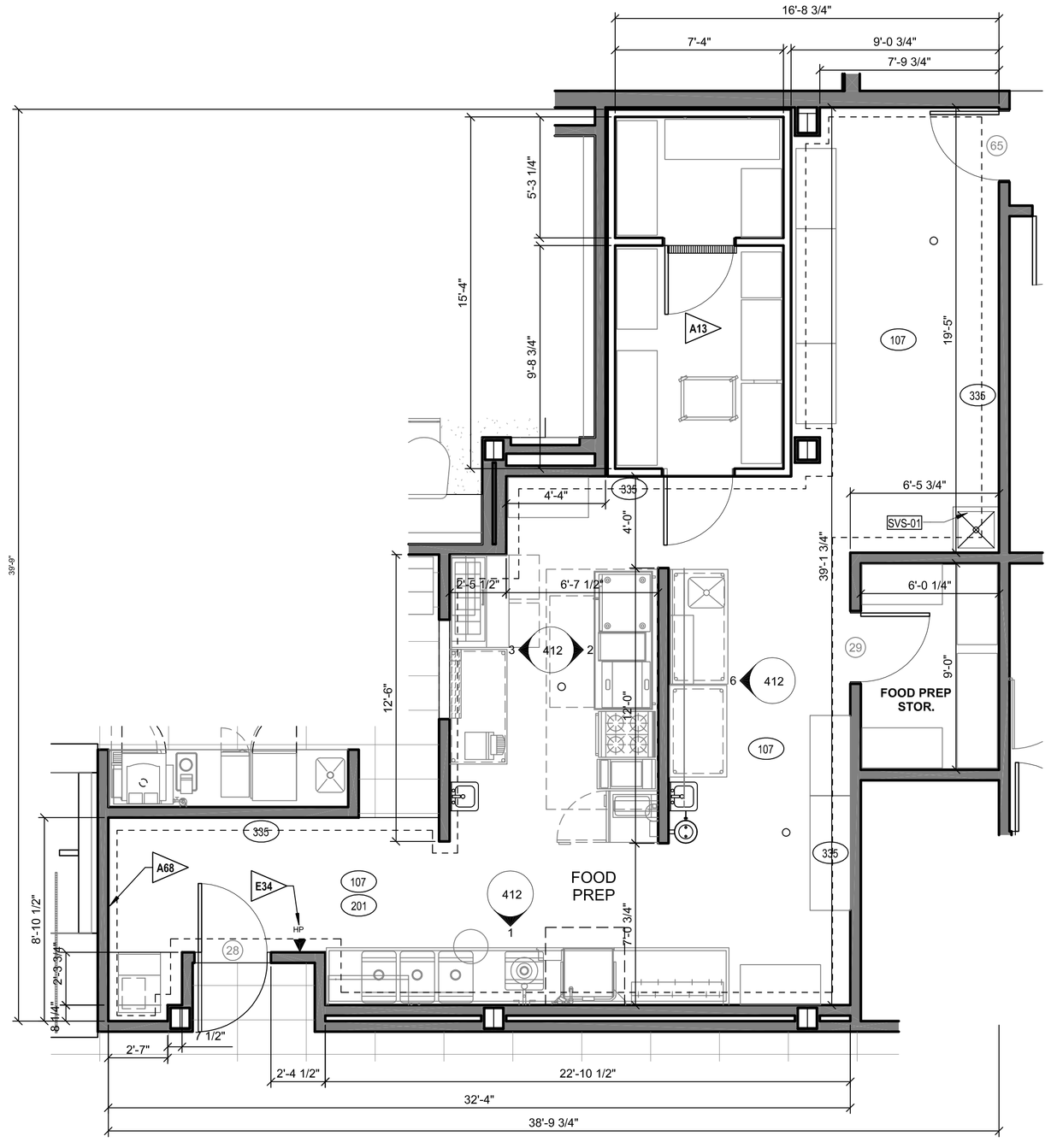
PROJECT NAME

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Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-404
	PAGE NUMBER 64
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9 KITCHEN - RCP
SCALE: 1/4" = 1'-0" referenced from: 205



1 KITCHEN PLAN
SCALE: 1/4" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "FOOD & BEVERAGE BOH" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. CONSULTANT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

CRITERIA NOTES

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A0 **ARCHITECTURAL**

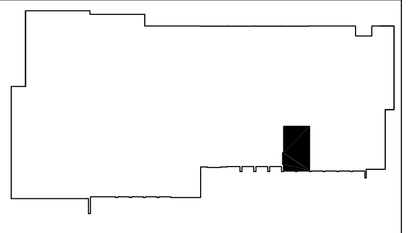
A13 WALK-IN COOLER PROVIDED BY OTHERS

A68 DESIGNER TO PROVIDE ACCESS PANEL BEHIND BISTRO FEATURE WALL TO ALLOW FOR LIGHTING MAINTENANCE.

E0 **ENGINEERING**

E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O., 44" ABV. (TYPICAL)

KEY PLAN



NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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GAINESVILLE, FL32609

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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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FOOD PREP

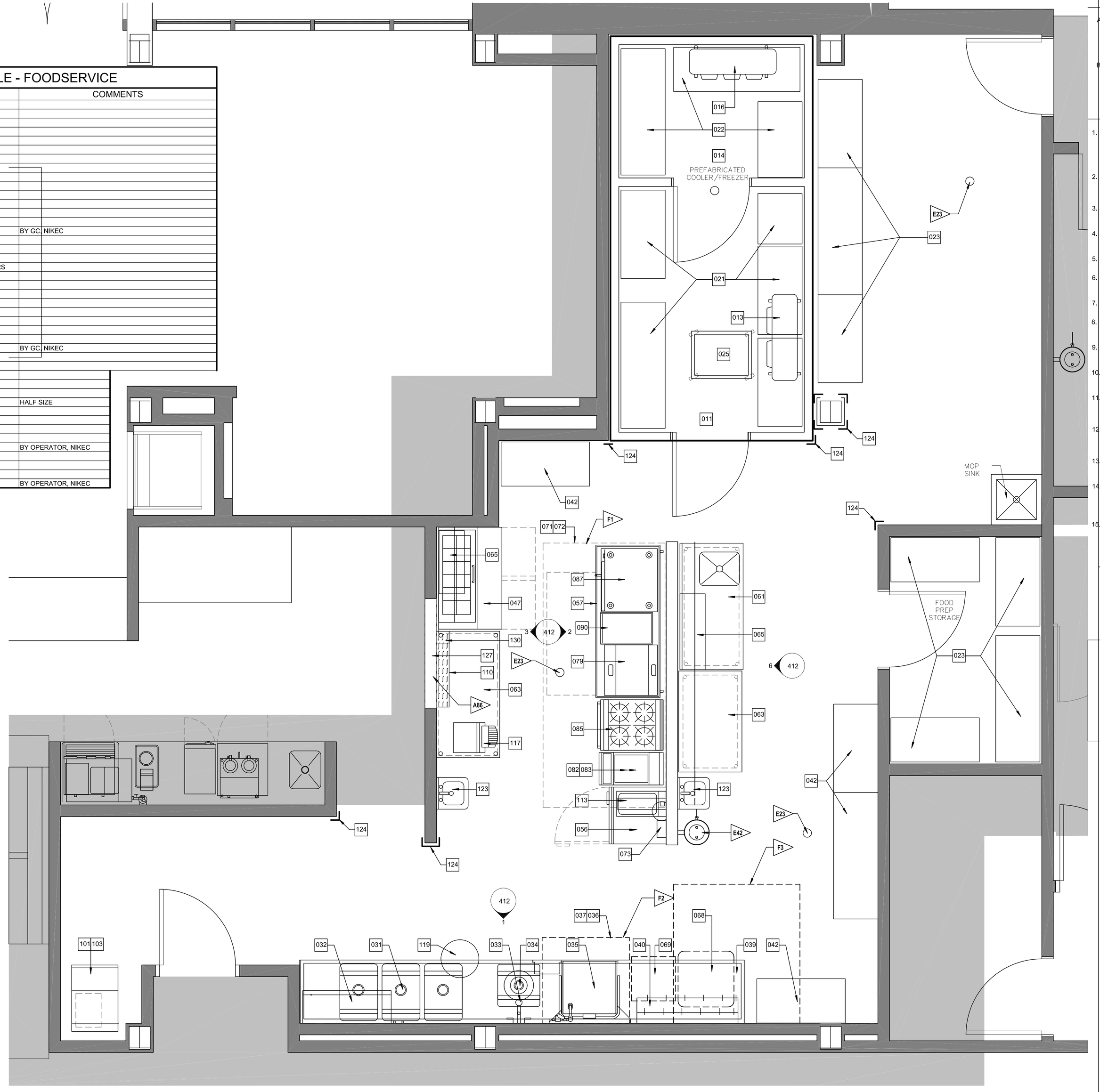
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	PAGE NUMBER 65
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EQUIPMENT SCHEDULE - FOODSERVICE

MARK	QTY	DESCRIPTION	COMMENTS
011	1	WALK-IN COOLER	
013	1	REFRIGERATION SYSTEM +35F - COIL	
014	1	WALK-IN FREEZER	
016	1	REFRIGERATION SYSTEM -10F - COIL	
021	4	SHELVING - COOLER	
022	3	SHELVING - FREEZER	
023	7	SHELVING - DRY STORAGE SHELVING	
025	VFY	ANGLE LEDGE RACK	
031	1	SOILED DISH TABLE / SCULLERY SINK	
032	1	DISH TABLE / SCULLERY RACK SHELF	
033	1	SPRAY RINSE	
034	1	DISPOSER and CONTROL	
035	1	DISHWASHER and BOOSTER HEATER	
036	1	VAPOR HOOD	
037	LOT	DUCT, FAN, CONTROLS	BY GC, NIKEC
039	1	DISH TABLE - CLEAN	
040	1	POT RACK	
042	VFY	SHELVING - PAN and CHINA	
047	1	REFRIGERATOR - 48" SANDWICH PREP with DRAWERS	
056	1	FREEZER WORKTOP	
057	1	REFRIGERATOR EQUIPMENT STAND	
061	1	TABLE - PREP with SINK	
063	2	TABLE - PREP with BACKSPLASH	
065	VFY	SHELVES - WALL	
068	LOT	ADJUSTABLE POKER CHIP DOLLIES	
069	LOT	GLASS RACK DOLLY	
071	1	EXHAUST HOOD	
072	LOT	DUCTS, FANS, HEATER CONTROLS	BY GC, NIKEC
073	1	FIRE PROTECTION SYSTEM	
079	1	GRIDDLE - ELECTRIC	
082	1	FRYER - ELECTRIC	
083	1	FRYER FILTER	
085	1	FOUR BURNER RANGE - ELECTRIC	
087	1	CONVECTION OVEN - ELECTRIC	HALF SIZE
090	1	BROILER - GAS	
110	1	HEAT LAMP	
113	1	FRYER DUMP STATION	
117	1	TOASTER	
119	LOT	GARBAGE CANS	BY OPERATOR, NIKEC
123	2	HAND LAVATORY	
124	LOT	CORNER GUARDS and FLASH TRIM	
127	LOT	PASS WINDOW ASSEMBLY	
130	1	TICKET PRINTER	BY OPERATOR, NIKEC



1 FOOD PREP EQUIPMENT PLAN

SCALE: 1/2" = 1'-0"

REFERENCE NOTES

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2. ALL REFRIGERATORS WILL BE FURNISHED WITH THERMOMETERS WHICH ARE EASILY READABLE, IN PROPER WORKING CONDITION AND ACCURATE WITHIN A RANGE OF PLUS OR MINUS 2 DEGREES.
3. ALL COUNTER TOP EQUIPMENT NOT READILY MOVABLE WEIGHING OVER 80 POUNDS, WILL BE PROVIDED WITH 4" LEGS WITH ADJUSTABLE FEET.
4. ALL CHEMICAL SANITZER KITS FOR THREE COMPARTMENT SINKS WILL BE FURNISHED BY THE CHEMICAL SUPPLIER.
5. ALL CUTTING BOARDS & WORK SURFACES SHALL BE OF NON-WOOD CONSTRUCTION OF N.S.F. APPROVED.
6. ALL FOOD SERVICE AND RELATED EQUIPMENT SHALL BE INSTALLED IN CONFORMITY WITH THE N.S.F. STANDARDS AND SHALL BE N.S.F. APPROVED.
7. AN AISLE SPACE OF THIRTY (30) INCHES OR MORE SHALL BE PROVIDED WITHIN ALL WORK SURFACES.
8. BACKSPLASHES OF EQUIPMENT SHALL BE INSTALLED A MINIMUM OF THREE (3) INCHES OFF THE WALL OR SESLED TO THE WALL W/ CLEAR SILICONE SEALANT.
9. A MINIMUM OF 50 FOOT CANDLES OF LIGHT SHALL BE PROVIDED IN ALL FOOD PREPARATION AND SERVING AREAS.
10. HANDWASHING FACILITIES ARE REQUIRED IN THE FOOD PREPARATION, SERVING, & UTENSIL WASHING AREAS AND WILL BE SHOWN ON THE FLOOR PLAN.
11. GAS AND ELECTRICAL EQUIPMENT IS SHOWN IN THE EQUIPMENT SCHEDULE - EQUIPMENT INSTALLER TO VERIFY UTILITY AVAILABILITY AND PROVIDE PROPER EQUIPMENT.
12. ALL EXHAUST HOODS WILL BE CONSTRUCTED TO MEET N.S.F., U.L., AND N.F.P.A. STANDARDS. IN ADDITION, ALL EXHAUST HOODS ARE TO MEET ALL LOCAL GOVERNING CODES.
13. THE EXHAUST HOOD AND THE DUCTS WILL BE PROVIDED W/ A PIRANHA AUTOMATIC FIRE SUPPRESSION SYSTEM.
14. ALL COOKING EQUIPMENT UNDER THE EXHAUST HOOD WILL BE ON EITHER CASTERS WITH FLEXIBLE QUICK DISCONNECTS AND RESTRAINTS OR ON ADJUSTABLE STAINLESS STEEL LEGS AND SEALED TO THE WALLS WITH CLEAR SILICONE SEALANT.
15. DISHWASHERS WILL HAVE HIGH TEMPERATURE 180°F. FINAL RINSE AND WASH TEMPERATURES OF 140°F.

CRITERIA NOTES

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A0 ARCHITECTURAL

A86 WHEN A FIRE RATED WALL ASSEMBLY IS REQUIRED, THE PASS THRU WINDOW WILL NEED TO BE SPECIFIED IN ACCORDANCE.

E0 ENGINEERING

E23 FLOOR DRAIN - REFER TO PLUMBING CRITERIA PLAN

E42 ALL AREAS WITH CHEMICALS RECEIVE EYE WASH STATION

F0 FOOD SERVICE

F1 EXHAUST HOOD
F2 DISHWASHER HOOD
F3 HOOD SHAFT (ABOVE)

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

FOOD PREP EQUIPMENT

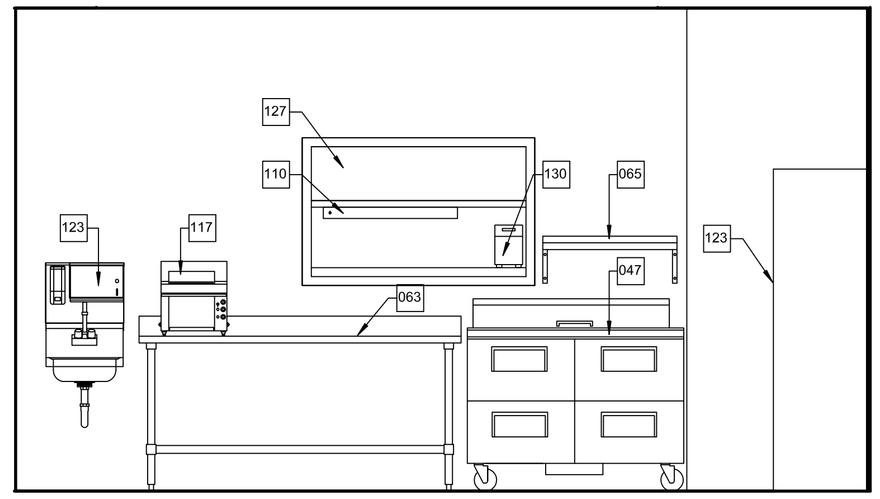
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COURTYARD INN,© Lake City, Florida

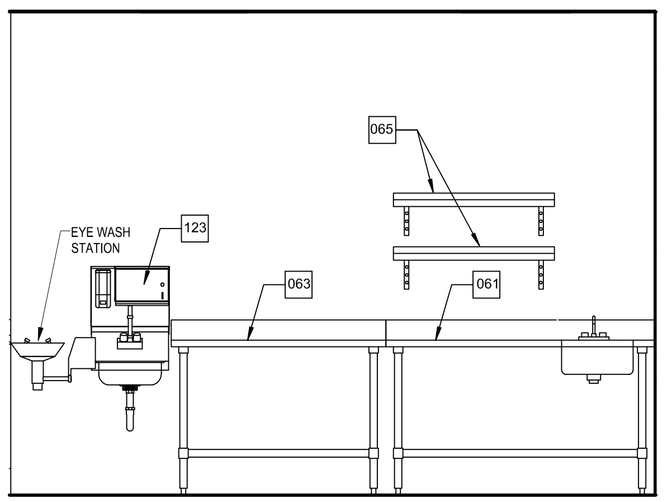
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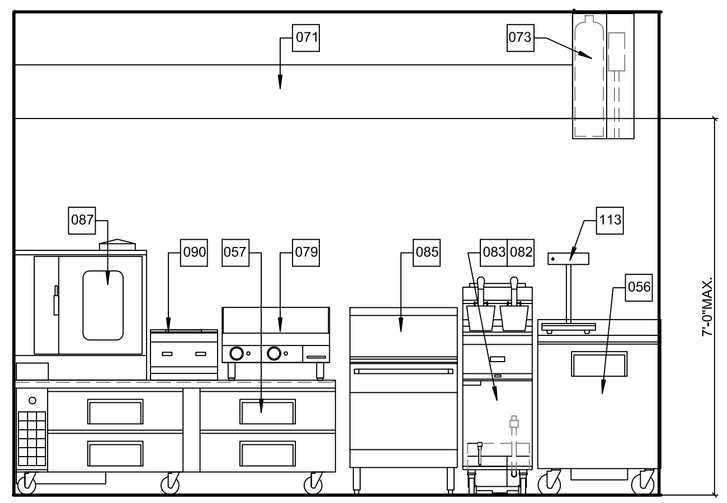
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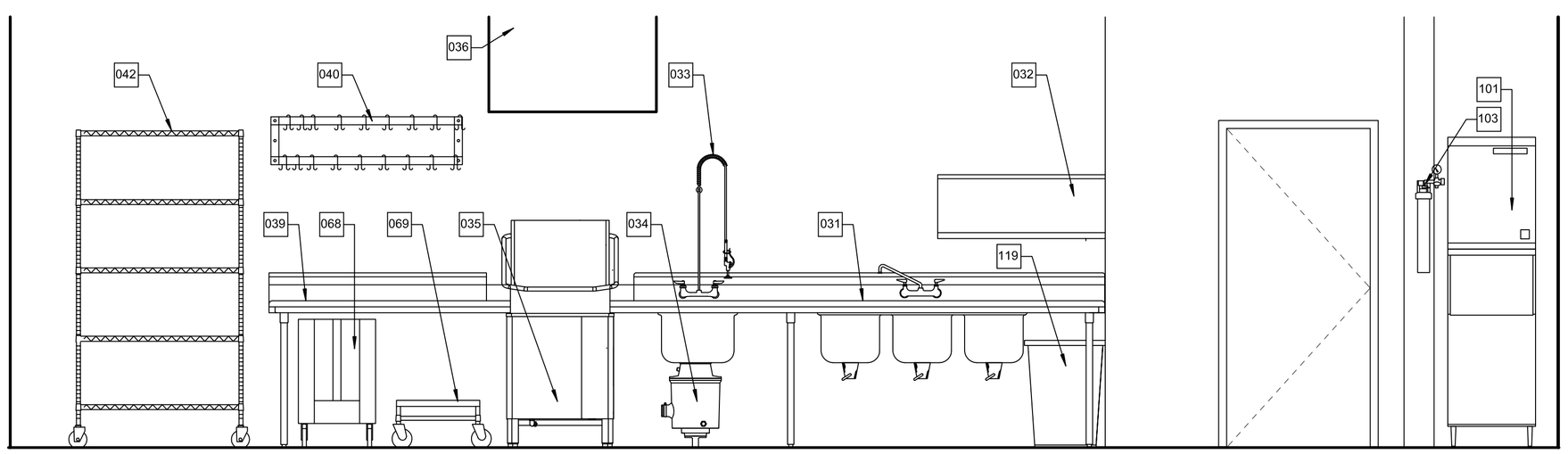
3 FOOD PREP ELEVATION
SCALE: 1/2" = 1'-0"



6 FOOD PREP ELEVATION
SCALE: 1/2" = 1'-0"



2 FOOD PREP ELEVATION
SCALE: 1/2" = 1'-0"



1 FOOD PREP ELEVATION
SCALE: 1/2" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "FOOD & BEVERAGE BOH" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. CONSULTANT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR EQUIPMENT INFORMATION (COORDINATED WITH DWG MARK NUMBER) AND SPECIFICATIONS, INCLUDING DIMENSIONS AND UTILITY REQUIREMENTS.

GENERAL NOTES

1. THIS PLAN IS A PROTOTYPE AND ALL FACTORS MAY CHANGE. SITE CONDITIONS AND/ OR LOCAL CODES MAY SUPERCEDE THE DESIGN. ARCHITECT SHOULD HAVE A QUALIFIED FOOD SERVICE CONSULTANT REVIEW THE PLAN FOR COMPLIANCE WITH ANY CHANGES REQUIRED.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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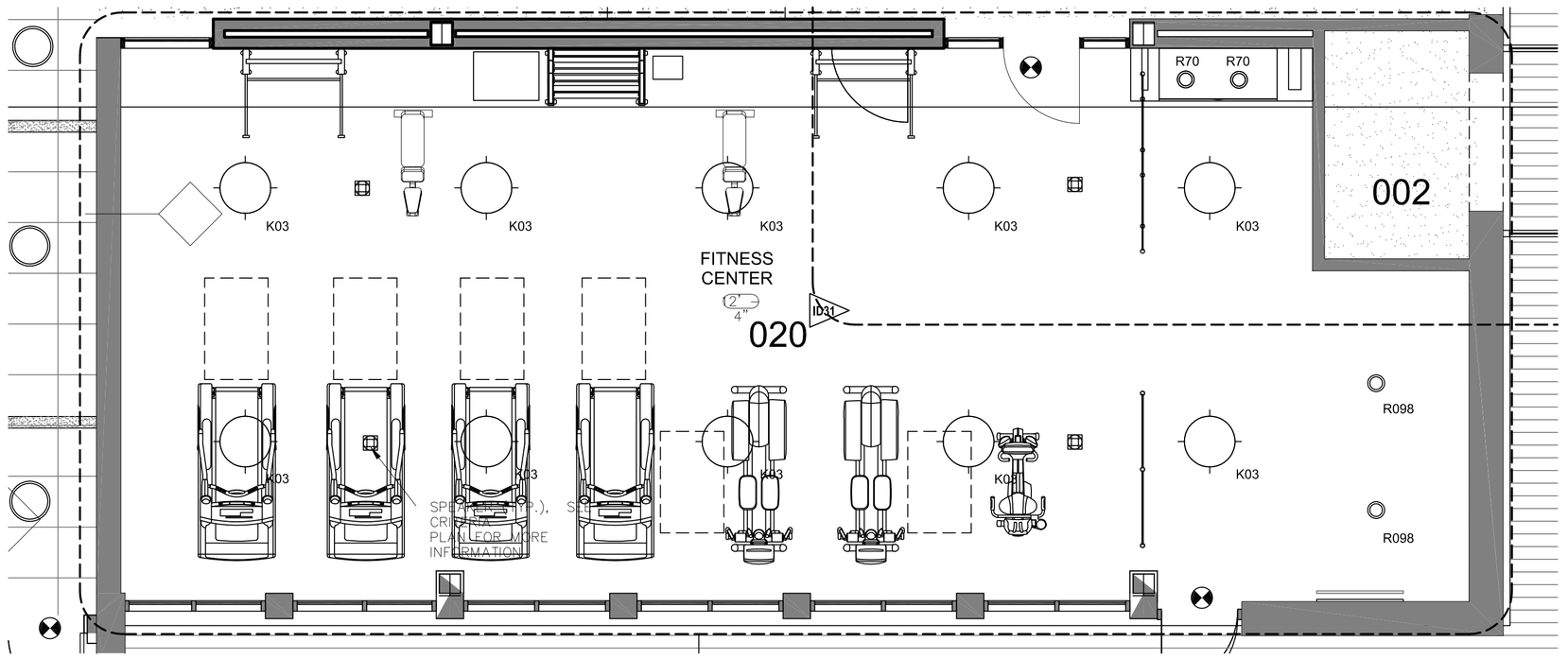
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Lake City, Florida

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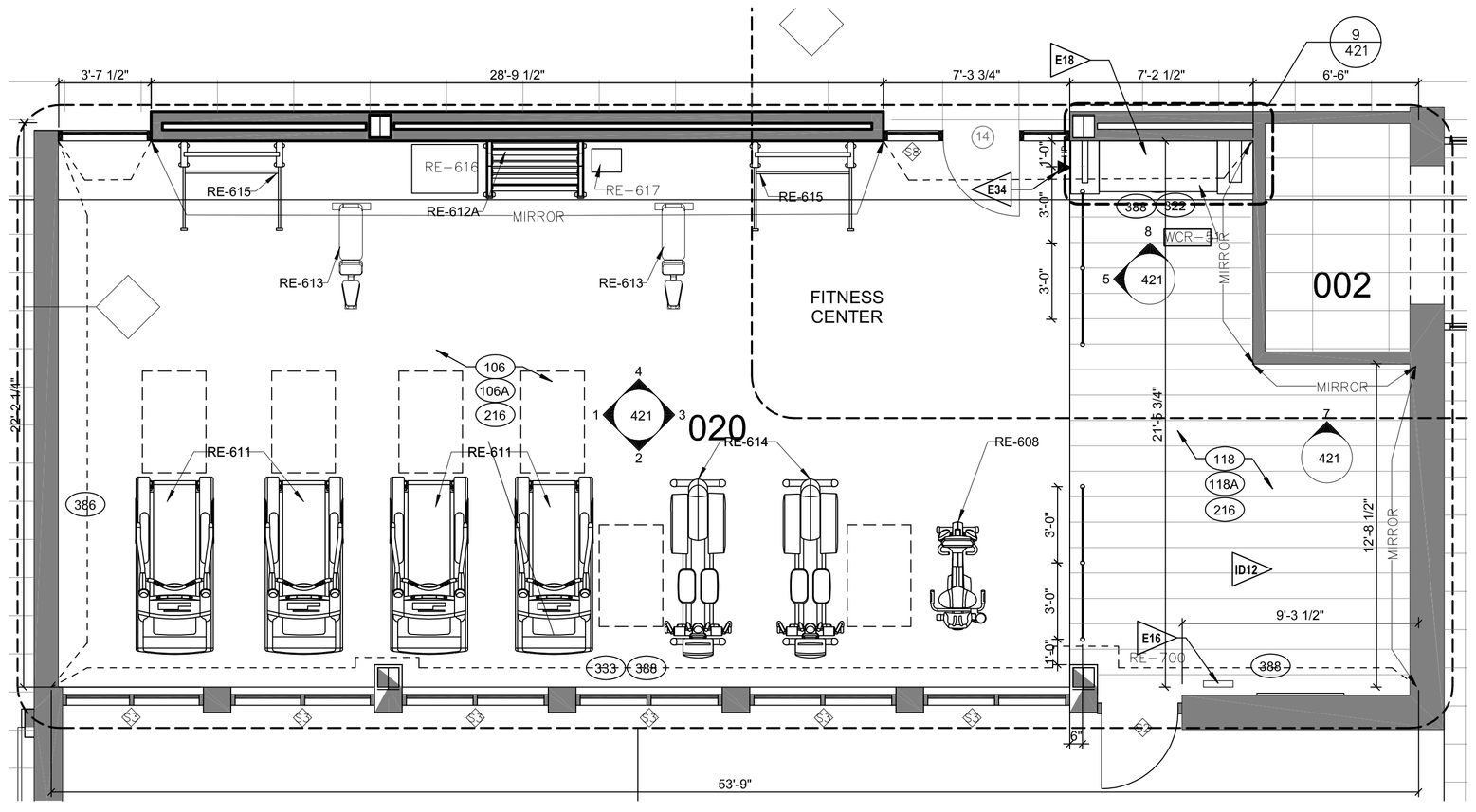
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
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DECOR: XH
PAGE NUMBER

FLORIDA REG.: AR0007005

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3 FITNESS CENTER RCP
SCALE: 1/4" = 1'-0" referenced from: 205



1 FITNESS CENTER PLAN
SCALE: 1/4" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RECREATIONAL FACILITIES FITNESS CENTER" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. COORDINATE POWER, DATA, AND CABLE REQUIREMENTS WITH FINAL EQUIPMENT SELECTIONS.
2. EXERCISE MILLWORK ALSO AVAILABLE AS FF&E ITEMS.

CRITERIA NOTES

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E0 ENGINEERING

E16 GC TO INSTALL LANDSCAPE OUTLET BEHIND RUN REMOTE CLOCK/THERMOSTAT (NOT RECESSED), AND TEMPERATURE SENSOR THROUGH WALL TO EXTERIOR LOCATION.

E18 PROVIDE PLUMBING DRAIN & WATER SUPPLY FOR WATER COOLER.

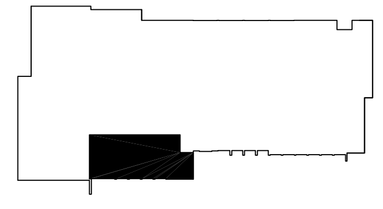
E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O., 44" AFF (TYPICAL)

ID0 INTERIOR DESIGN

ID12 STRETCHING MAT AND BALL RACK OPTIONAL; OWNER PURCHASED FROM SPRI®.

ID31 PAINT EXPOSED CEILING, DUCTWORK, PIPES, CONDUIT, & DIFFUSERS. SEE RCP FOR PAINT FINISH.

KEY PLAN



NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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DRAWING NAME

FITNESS CENTER

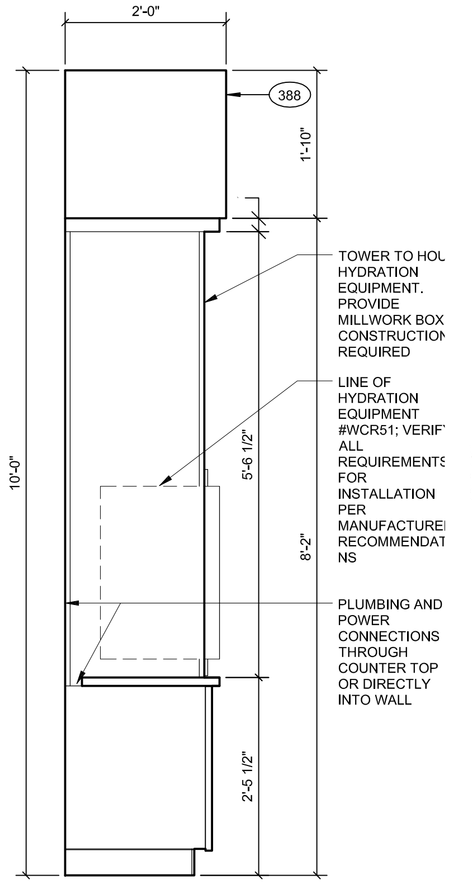
PROJECT NAME

COURTYARD INN,® Lake City, Florida

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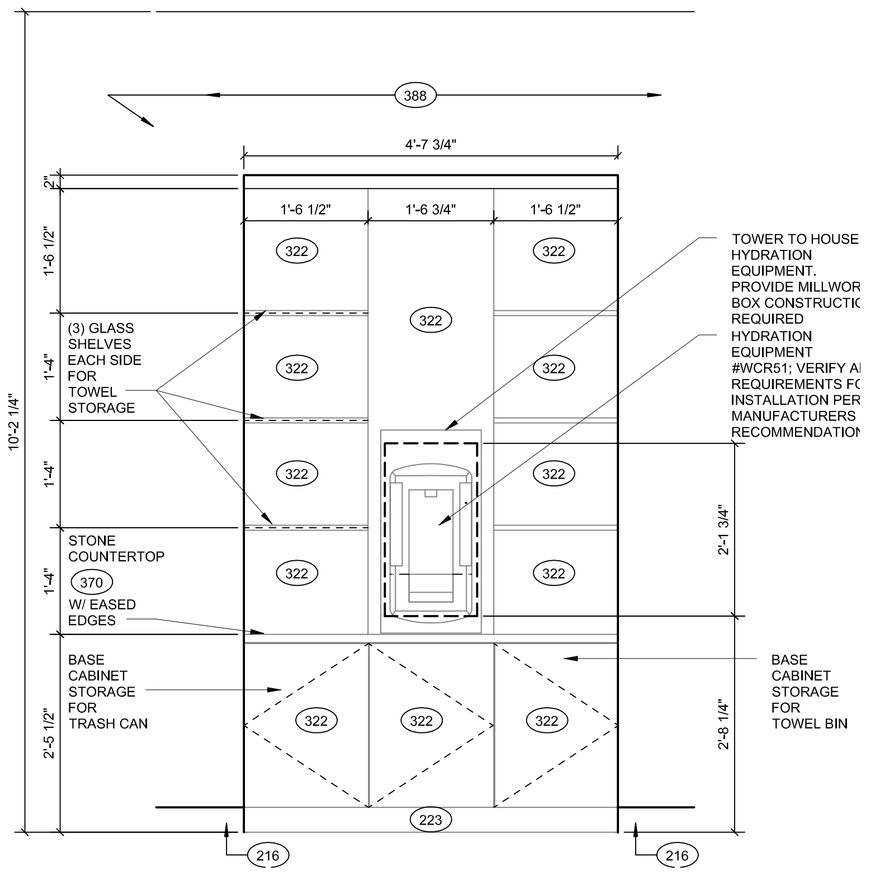
FLORIDA REG.: AR0007005

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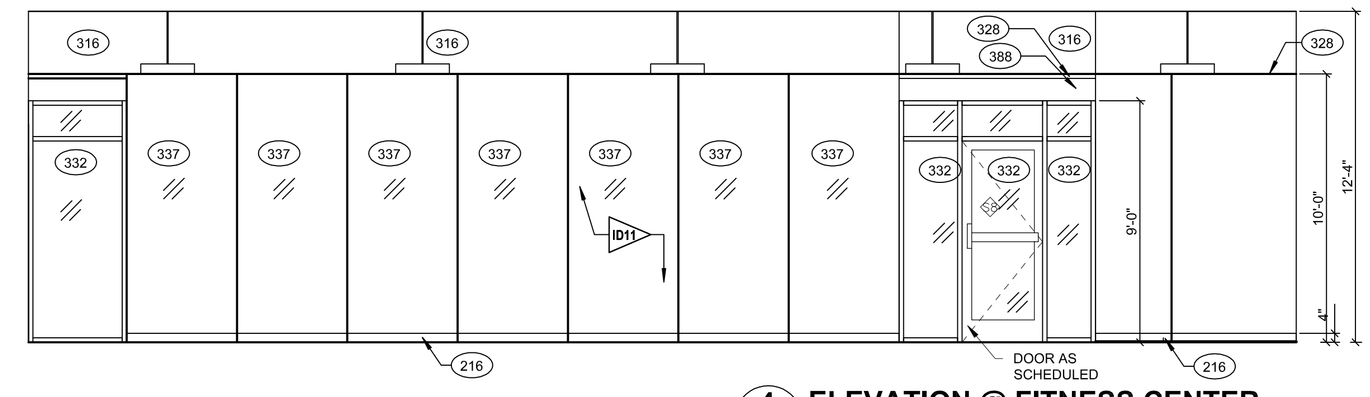
15 SECTION @ WATER COOLER

SCALE: 3/4" = 1'-0"



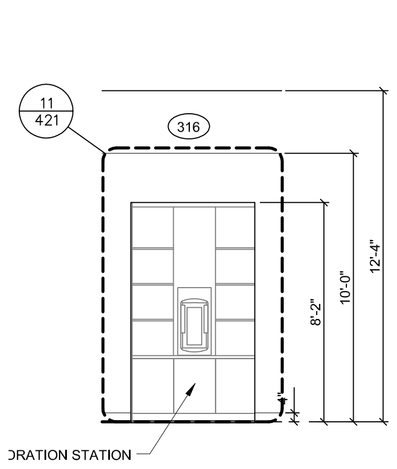
11 HYDRATION STATION ELEVATION

SCALE: 3/4" = 1'-0"



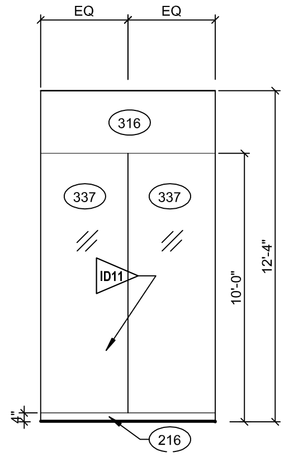
4 ELEVATION @ FITNESS CENTER

SCALE: 1/4" = 1'-0"



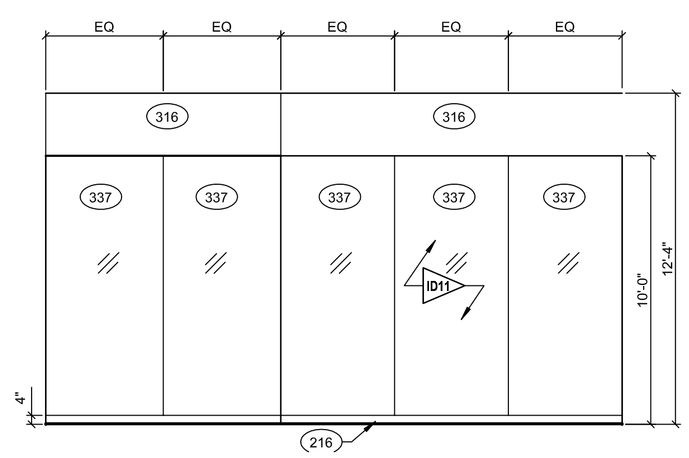
8 ELEV-FITNESS CENTER

SCALE: 1/4" = 1'-0"



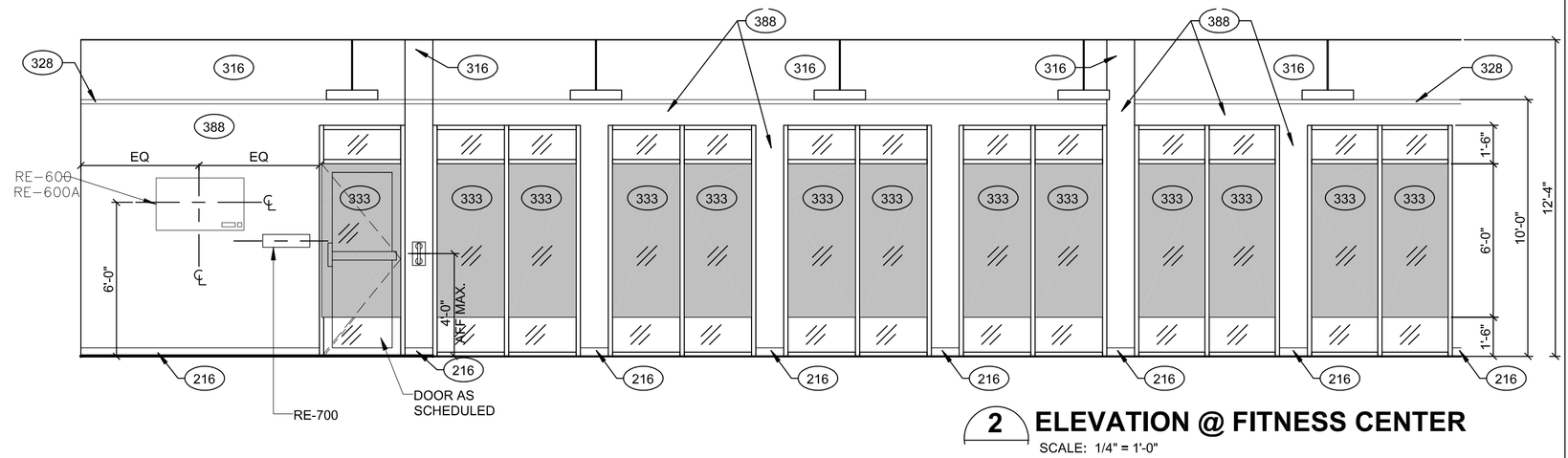
7 ELEV @ FITNESS CENTER

SCALE: 1/4" = 1'-0"



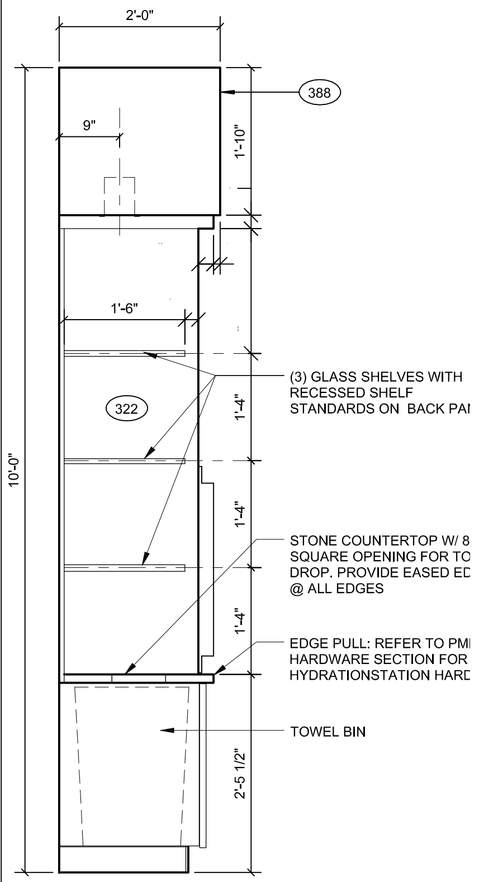
3 ELEV @ FITNESS CENTER

SCALE: 1/4" = 1'-0"



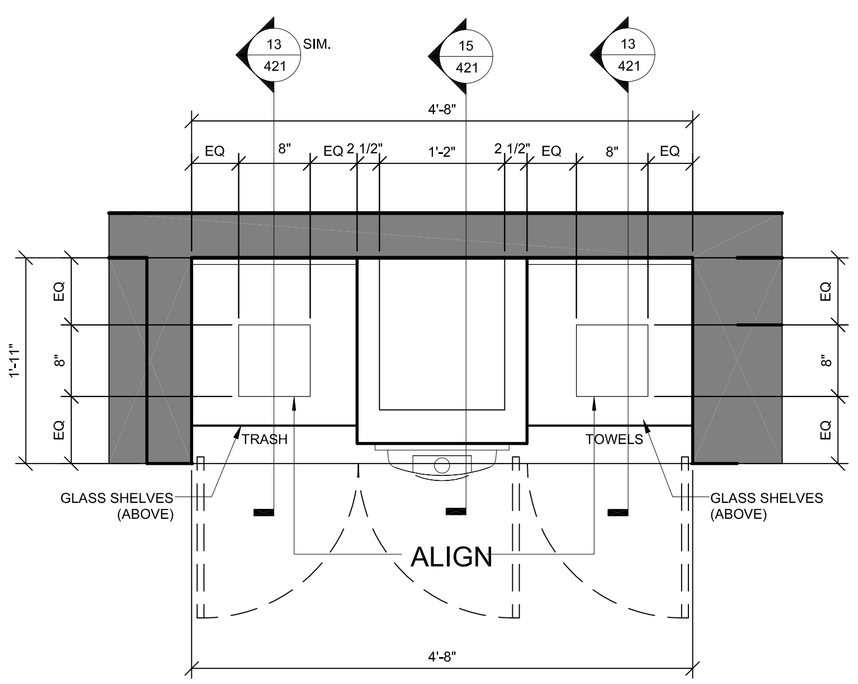
2 ELEVATION @ FITNESS CENTER

SCALE: 1/4" = 1'-0"



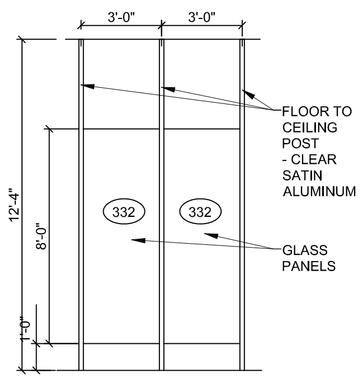
13 SECTION @ TOWEL TOWER

SCALE: 3/4" = 1'-0"



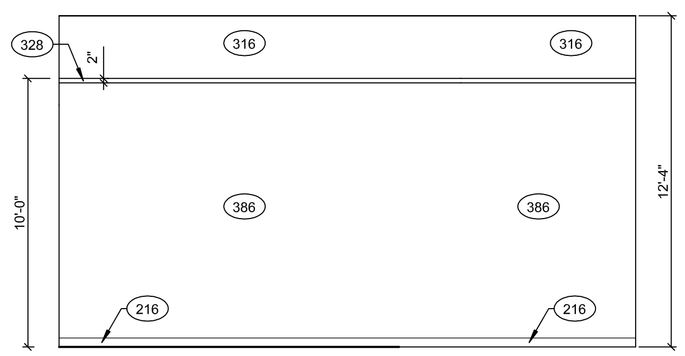
9 HYDRATION STATION PLAN

SCALE: 1" = 1'-0"



5 ELEVATION @ DIVIDING SCREEN

SCALE: 1/4" = 1'-0"



1 ELEVATION @ FITNESS CENTER

SCALE: 1/4" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RECREATIONAL FACILITIES FITNESS CENTER" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE W/ THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

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2. EXERCISE MILLWORK ALSO AVAILABLE AS FF&E ITEMS.

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E0 **ENGINEERING**

E18 PROVIDE PLUMBING DRAIN & WATER SUPPLY FOR WATER COOLER.

ID0 **INTERIOR DESIGN**

ID11 ITEM FABRICATED BY GC OR OWNER MAY PURCHASE AS AN FF&E ITEM.

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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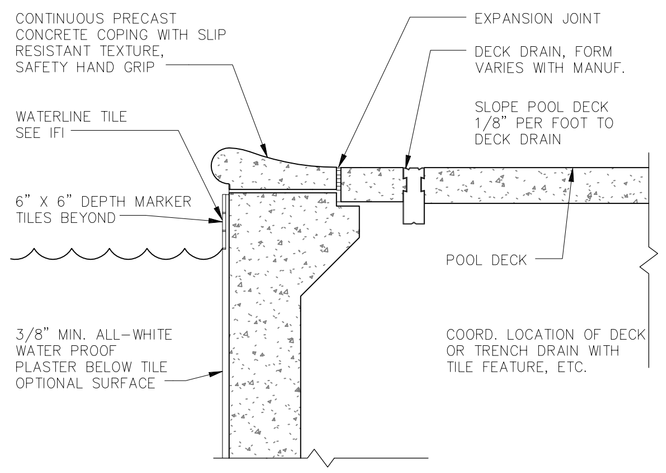
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FITNESS CENTER DETAILS

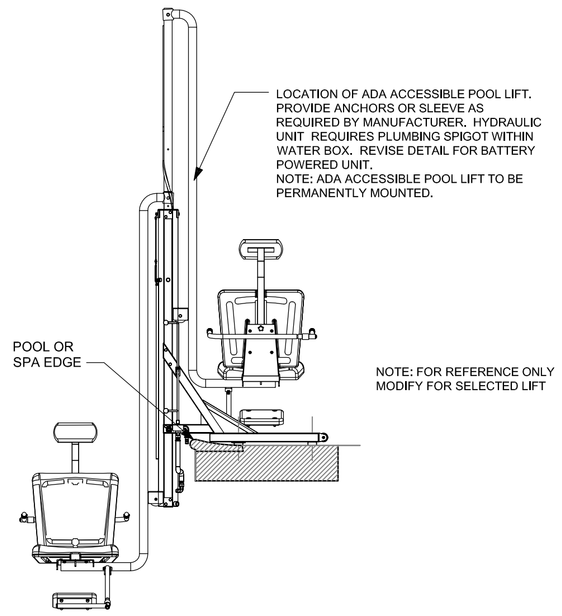
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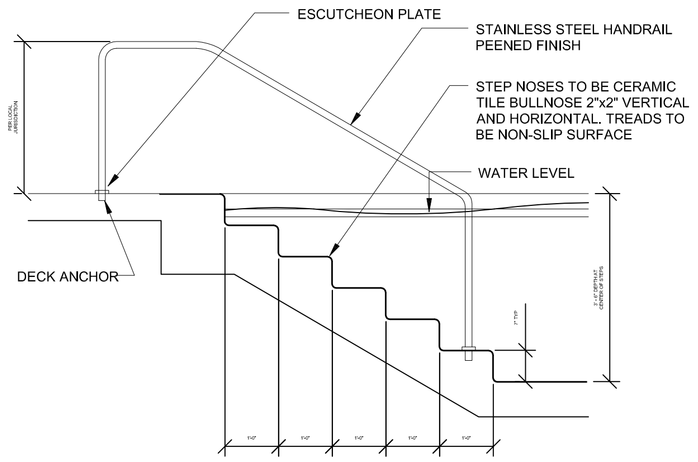
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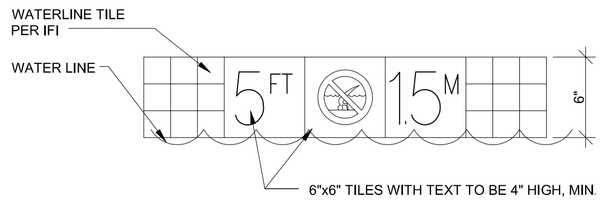
16 DETAIL - COPING
SCALE: 1" = 1'-0"



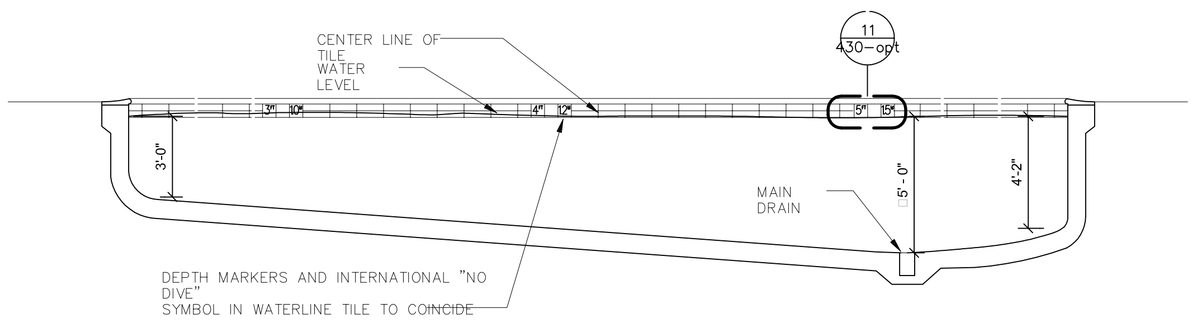
12 POOL LIFT
SCALE: 1/2" = 1'-0"



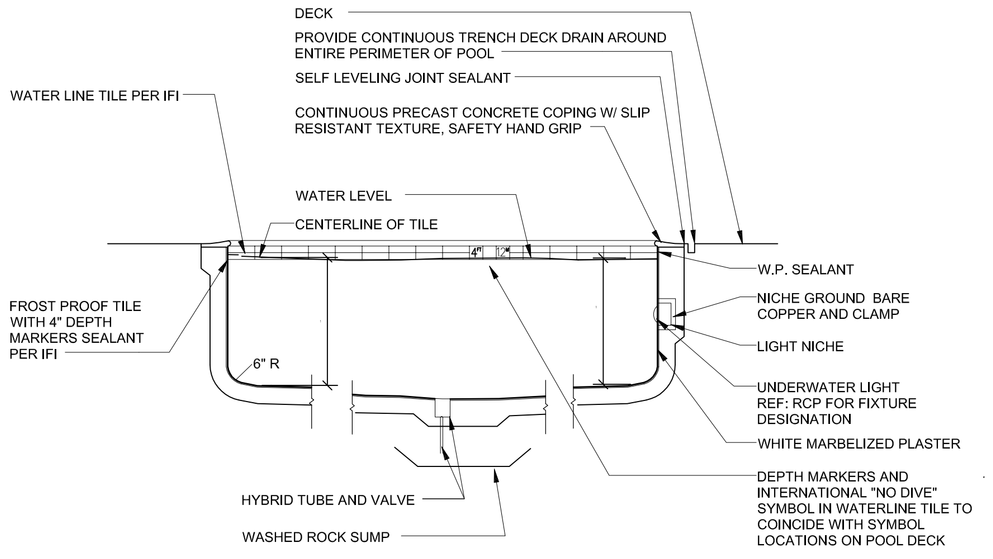
15 SWIMMING POOL SECTION - STAIRS
SCALE: 1/2" = 1'-0"



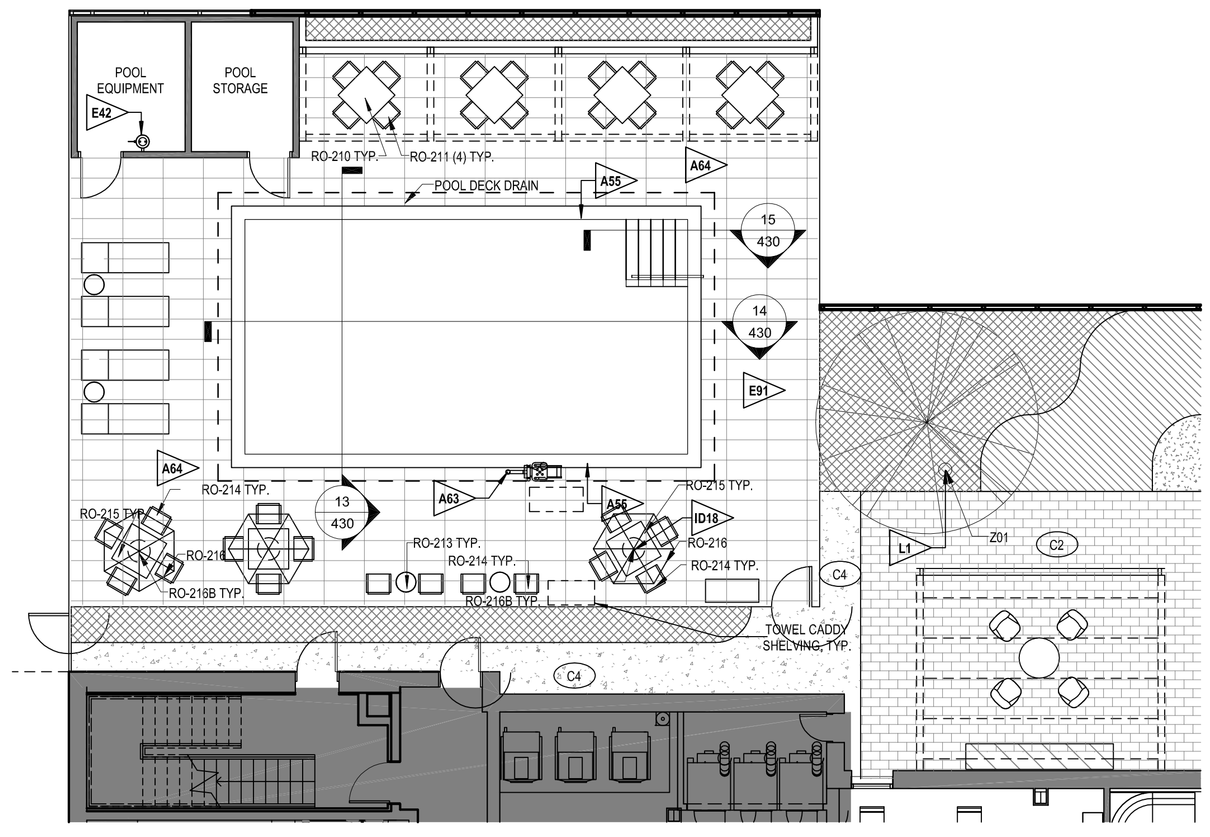
11 DETAIL - DEPTH MARKER
SCALE: 1 1/2" = 1'-0"



14 SWIMMING POOL SECTION
SCALE: 1/4" = 1'-0"



13 SWIMMING POOL SECTION
SCALE: 1/4" = 1'-0"



1 ENLARGED COURTYARD PLAN - OUTDOOR POOL
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RECREATIONAL RELATED FACILITIES" CHAPTER FOR MAIN REQUIREMENTS TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIREDESIGN STANDARDS.

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A0 ARCHITECTURAL

A55 NO DIVING AND DEPTH MARKER TILES LOCATED AT EACH ADDITIONAL CHANGE IN FEET OF DEPTH. SEE DESIGN STANDARDS

A63 PROVIDE ACCESSIBLE POOL LIFT. VERIFY APPLICABLE CODE

A64 PROVIDE 5'-0" MIN. CLEARANCE AROUND POOL

ID0 INTERIOR DESIGN

ID18 IF UMBRELLA IS FREE STANDING IN TERRACE AREA USE TE-215-95B

E0 ENGINEERING

E42 ALL AREAS WITH CHEMICALS RECEIVE EYE WASH STATION

E91 PROVIDE SPEAKERS AT OUTDOOR POOL

L0 LANDSCAPING

L1 POSITION EXTERIOR SITE LIGHT FIXTURES TO ILLUMINATE PLANT MATERIAL

HARDSCAPE LEGEND

- STAINED/ IMPRINTED CONCRETE (C1)
- STAINED/ IMPRINTED CONCRETE (C2)
- STAMPED/ IMPRINTED CONCRETE (C3)
- STANDARD CONCRETE (C4)
- 18X36 INTERIOR/EXTERIOR TILE (T1)

LANDSCAPE LEGEND

- ANNUALS / PERENNIALS
- GROUND COVER
- SMALL EVERGREEN SHRUB
- SOD
- LARGE SHADE TREE
- ORNAMENTAL/ MULTI- TRUNK TREE
- PYRAMIDAL EVERGREEN TREE
- SMALL EVERGREEN TREE

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
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REVISIONS

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DRAWING NAME

OUTDOOR POOL

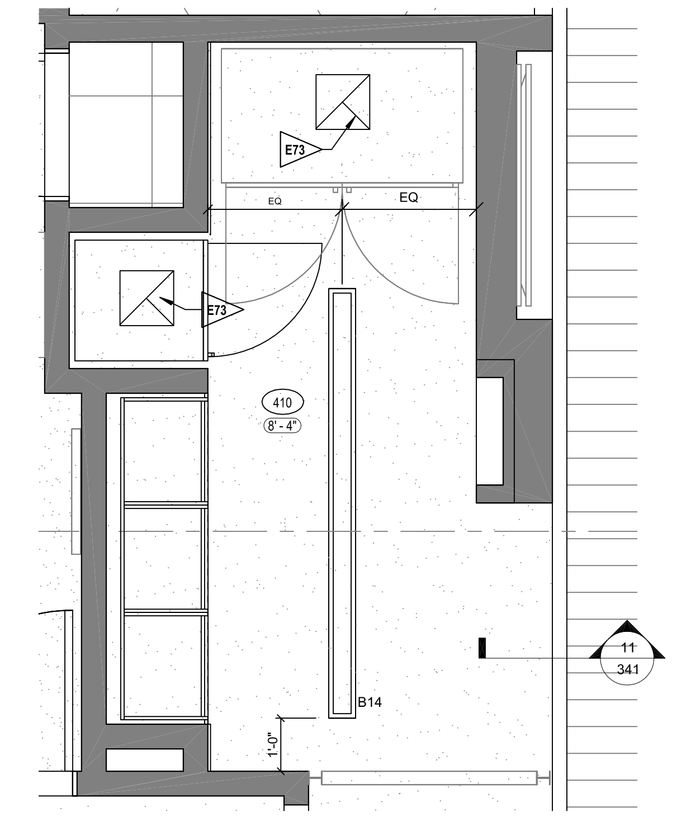
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COURTYARD INN,® Lake City, Florida

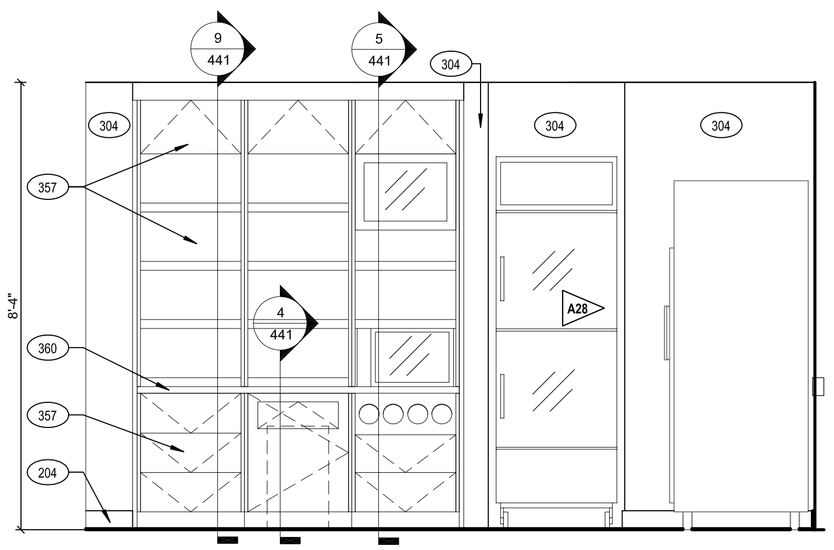
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FLORIDA REG.: AR0007005

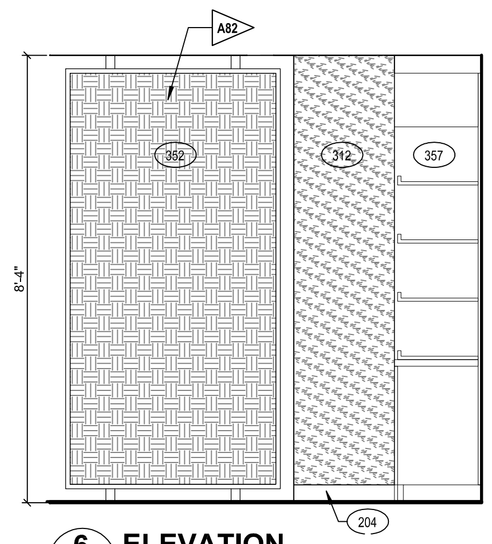
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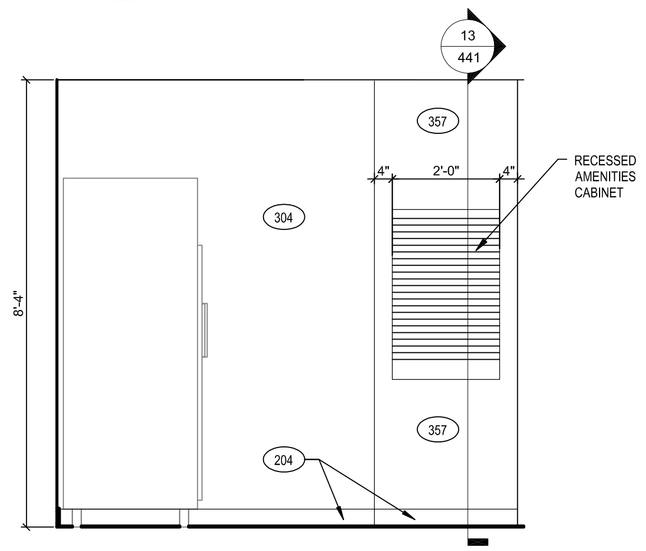
3 **MARKET RCP**
SCALE: 1/2" = 1'-0"



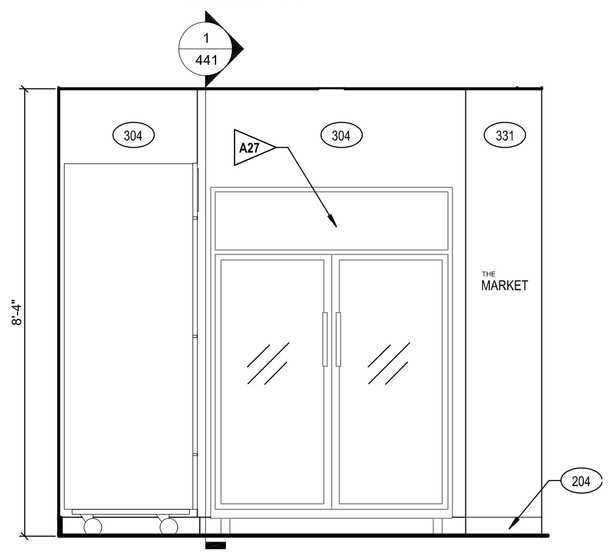
10 **ELEVATION**
SCALE: 1/2" = 1'-0"



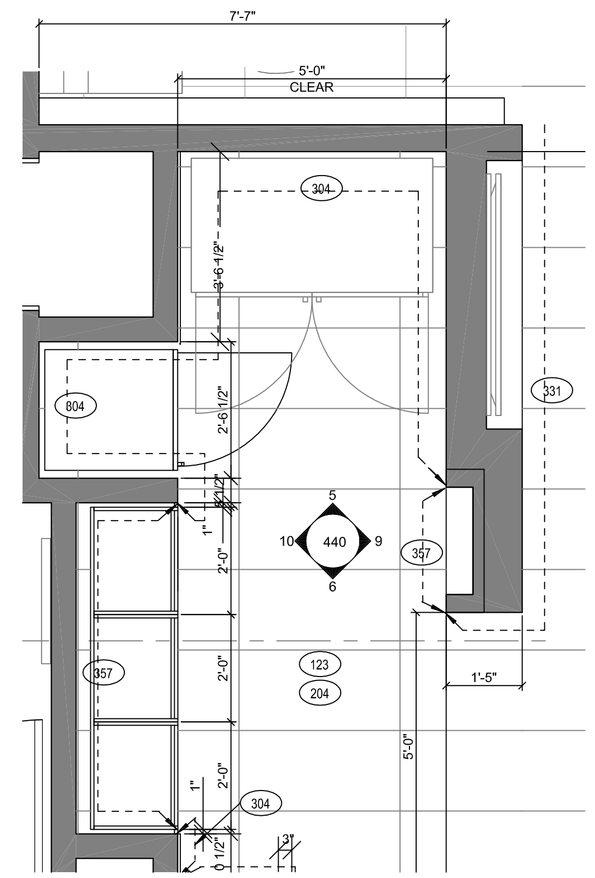
6 **ELEVATION**
SCALE: 1/2" = 1'-0"



9 **ELEVATION**
SCALE: 1/2" = 1'-0"



5 **ELEVATION**
SCALE: 1/2" = 1'-0"



1 **MARKET PLAN**
SCALE: 1/2" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RETAIL" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO SIGNAGE MANUAL FOR GRAPHICS.

C. REFER TO THE 700 SERIES CRITERIA PLAN FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. WHERE LOCAL JURISDICTIONS DO NOT ALLOW FOR SALE OF BEER & WINE, DESIGNER TO MODIFY THE MARKET MILLWORK ACCORDINGLY. SEE SHEET 432-alt.

2. MARKET TO RECEIVE AT A MINIMUM:
0.1. 2' - 0" WIDE SHELVING SECTION
0.2. 2' - 0" WIDE MICROWAVE SECTION
0.3. REFRIGERATOR/FREEZER UNIT
0.4. REFRIGERATOR
0.5. 2' - 8" AMENITIES UNIT

3. LOCATION OF AMENITIES UNIT SHOULD NOT FACE INTO LINE OF SIGHT TO LOBBY.

4. FOR REQUIRED SHELF MANAGEMENT SYSTEM CONTACT TRADAVO @ WWW.TRADAVO.COM OR 1-888-205-5920 EXT. 112.

5. FINISH COVER PLATES & RECEPTACLES IN ALL MILLWORK PIECES TO MATCH ADJACENT FINISH COLORS.

6. LAYOUT MUST ALLOW FOR CLEAR LINE OF SIGHT TO ALCOHOL FROM WELCOME PEDESTALS (NO MIRRORS OR CAMERAS SUBSTITUTE FOR CLEAR LINE OF SIGHT)

7. ORDER 8 - 1/2" X 11" ACRYLIC PRICE LIST HOLDER. DOWNLOAD MENU TEMPLATE FROM MGS.

8. ALL SOLID SURFACE COUNTERTOPS TO HAVE EASED EDGE, TYPICAL.

9. ALL LOCKS IN THE MARKET TO BE ON SAME KEY. OTHER MILLWORK ITEMS ON PROPERTY W/ LOCKS SHALL BE KEYED SEPARATELY. ENSURE MASTER KEY IS DIFFERENT AT EACH HOTEL IN THE SYSTEM.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

A0 ARCHITECTURE:

A27 IF REFRIGERATOR OR REF/FREEZER UNIT IS NOT STAINLESS STEEL ALONG THE TOP, USE CUSTOM PANEL INSERT PER FS & LE MANUAL

A28 PROVIDE ONE SECTION LOCKABLE REFRIGERATION

A82 SCREEN MATERIAL NEEDS TO PROVIDE VISIBILITY FROM FRONT DESK TO MARKET. THIS IS NECESSARY TO ENABLE MONITORING OF THE MARKET BY FRONT DESK ASSOCIATE.

E0 ENGINEERING:

E73 EXHAUST DIRECTLY ABOVE REFRIGERATORS

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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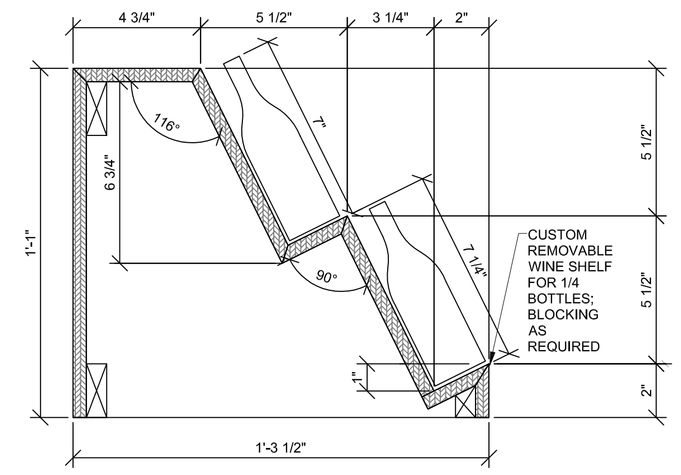
DRAWING NAME

MARKET

PROJECT NAME

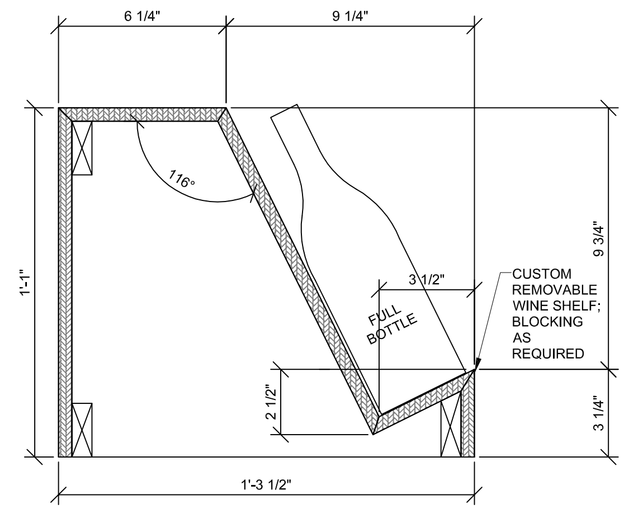
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	PAGE NUMBER 71
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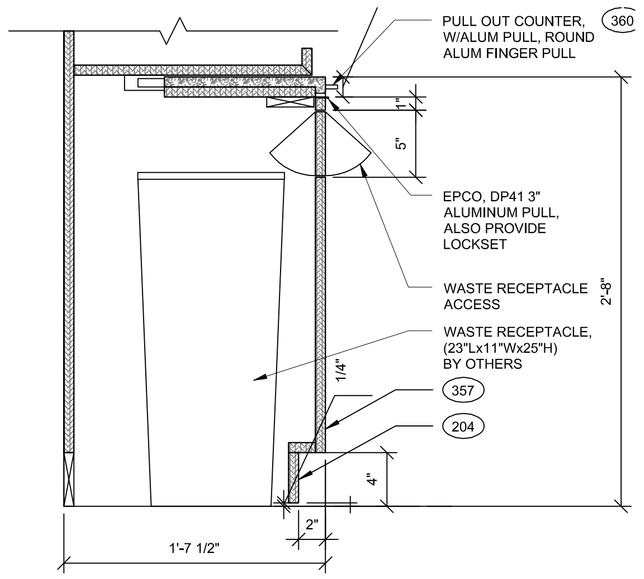
12 SECTION - ALT. REMOVABLE WINE SHELF

SCALE: 3" = 1'-0"



8 SECTION - REMOVABLE WINE SHELF

SCALE: 3" = 1'-0"



4 SECTION

SCALE: 1 1/2" = 1'-0"

13 SECTION

SCALE: 1 1/2" = 1'-0"

9 SECTION

SCALE: 1 1/2" = 1'-0"

5 SECTION

SCALE: 1 1/2" = 1'-0"

1 ELEVATION

SCALE: 1 1/2" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "RETAIL" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO SIGNAGE MANUAL FOR GRAPHICS.

C. REFER TO THE 700 SERIES CRITERIA PLAN FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. WHERE LOCAL JURISDICTIONS DO NOT ALLOW FOR SALE OF BEER & WINE, DESIGNER TO MODIFY THE MARKET MILLWORK ACCORDINGLY.

2. COORDINATE WITH FOOD SERVICE DRAWINGS AND FINAL EQUIPMENT INFORMATION, INCLUDING DIMENSIONS AND UTILITY REQUIREMENTS.

3. MARKET TO RECEIVE AT A MINIMUM:
1.1. 2' - 0" WIDE SHELVING SECTION
0.2. 2' - 0" WIDE MICROWAVE SECTION
0.3. REFRIGERATOR/FREEZER UNIT
0.4. REFRIGERATOR
0.5. 2' - 8" AMENITIES UNIT

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5. FOR REQUITED SHELF MANAGEMENT SYSTEM CONTACT TRADAVO AT WWW.TRADAVO.COM OR 1-888-205-5920 EXT. 112.

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8. ORDER 8 - 1/2" X 11" ACRYLIC PRICE LIST HOLDER. DOWNLOAD MENU TEMPLATE FROM MGS.

9. ALL SOLID SURFACE COUNTERTOPS TO HAVE EASED EDGE, TYPICAL.

10. ALL LOCKS IN THE MARKET TO BE ON SAME KEY. OTHER MILLWORK ITEMS ON PROPERTY W/ LOCKS SHALL BE KEYED SEPARATELY. INSURE MASTER KEY IS DIFFERENT AT EACH HOTEL IN THE SYSTEM.

11. CABINET MAKER SHALL PROCURE THE CABINET LIGHT, INSTALL IN THE WINE CABINET AND DELIVER THE FINISHED CABINET WITH LIGHT READY TO PLYG INTO THE POWER OUTLET IN THE FIELD. THE LIGHT SHALL BE MODEL #AO-12-INCH, WARM WHITE WITH POWER SUPPLY MODEL #AO 30W. THE LIGHT AND POWER SUPPLY SHALL BE BY THE LEDLIGHT.COM (ON-LINE) OR THE LED LIGHT INC. 1617 FAIRVIEW DRIVE, SUITE 27-28, CARSON CITY, NV 89701 1-775-841-4490.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
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DRAWING NAME

THE MARKET DETAILS

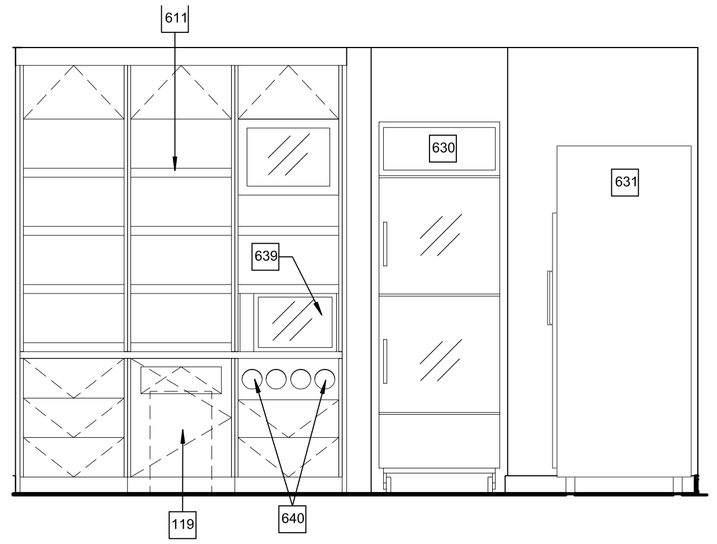
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	DRAWING NUMBER
	DECOR: XH
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EQUIPMENT SCHEDULE - THE MARKET

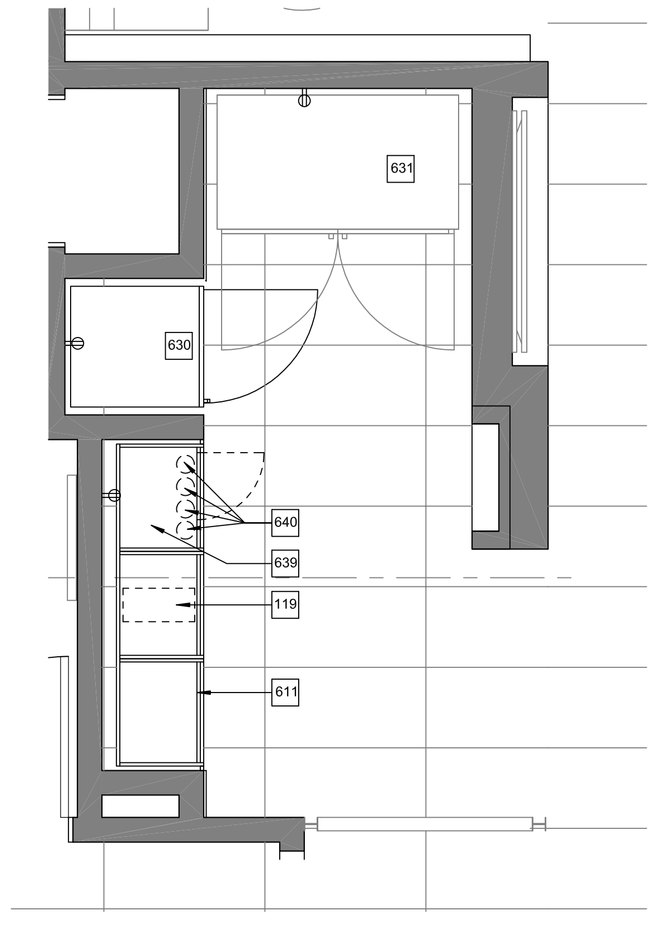
MARK	QUANTITY	DESCRIPTION	COMMENTS
119	1	GARBAGE CANS	
611	1	DRY MILLWORK CASE	ARCHITECTURAL MILLWORK - SEE ARCHITECTURAL MARKET PLAN/DETAILS
619	1	FREEZER - GLASS DOOR	WITHOUT BEER AND WINE SERVICE
630	1	REFRIGERATOR/FREEZER - HALF HEIGHT GLASS DOORS	1 SECTION LOCKABLE; FOR BEER AND WINE SERVICE
631	1	REFRIGERATOR - TWO DOOR GLASS DOOR	
639	1	MICROWAVE OVEN	
640	4	SILVERWARE CYLINDERS	



4 THE MARKET ELEVATION
SCALE: 1/2" = 1'-0"



3 THE MARKET ELEVATION
SCALE: 1/2" = 1'-0"



1 THE MARKET PLAN
SCALE: 1/2" = 1'-0"

REFERENCE NOTES

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B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR QUIPMENT INFORMATION (COORDINATED WITH DWG MARK NUMBER) AND SPECIFICATIONS, INCLUDING DIMENSIONS AND UTILITY REQUITEMENTS.

GENERAL NOTES

1. THIS PLAN IS A PROTOTYPE AND ALL FACTORS MAY CHANGE. SITE CONDITIONS AND/OR LOCAL CODES MAY SUPERCEDE THE DESIGN. ARCHITECT SHOULD HAVE A QUALIFIED FOOD SERVICE CONSULTANT REVIEW THE PLAN FOR COMPLIANCE WITH ANY CHANGES REQUIRED.
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MILLWORK DETAILS. THIS DRAWING IS FOR FOODSERVICE EQUIPMENT ONLY.
3. A MINIMUM OF 1" IS REQUIRED BETWEEN REFRIGERATED UNITS AND MILLWORK ON ALL SIDES. 2" IS A PREFERRED DISTANCE.
4. ALL REFRIGERATORS WILL BE FURNISHED WITH THERMOMETERS WHICH ARE EASILY READABLE, IN PROPER WORKING CONDITION AND ACCURATE WITHIN A RANGE OF PLUS OR MINUS 2 DEGREES.
5. ALL FOOD SERVICE AND RELATED EQUIPMENT SHALL BE INSTALLED IN CONFORMITY WITH N.S.F. STANDARDS AND SHALL BE N.S.F. APPROVED.

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
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P: 386.365.4355
npgeisler47@gmail.com

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THE MARKET EQUIPMENT

PROJECT NAME

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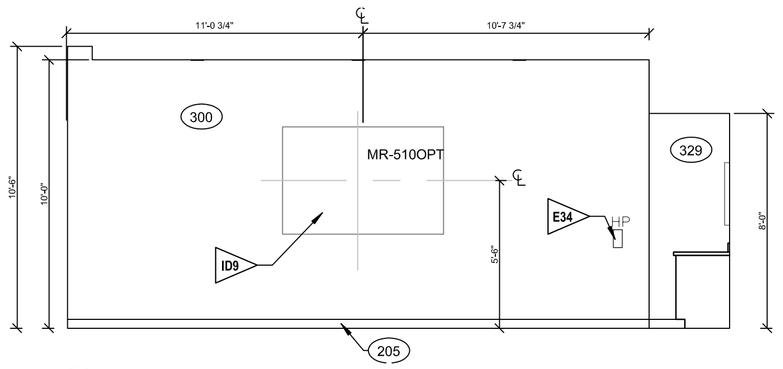
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A-442

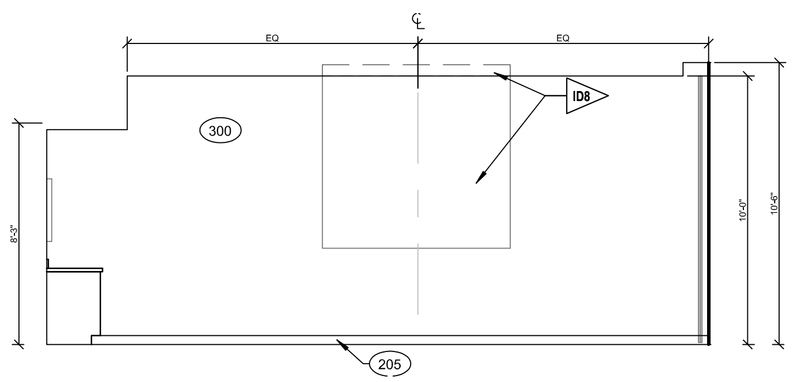
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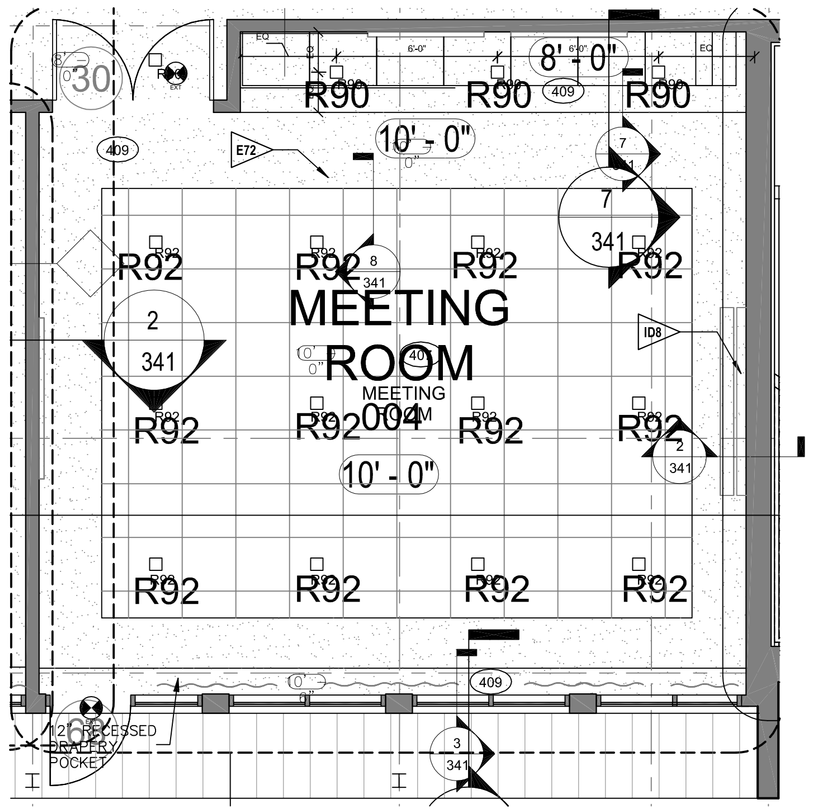
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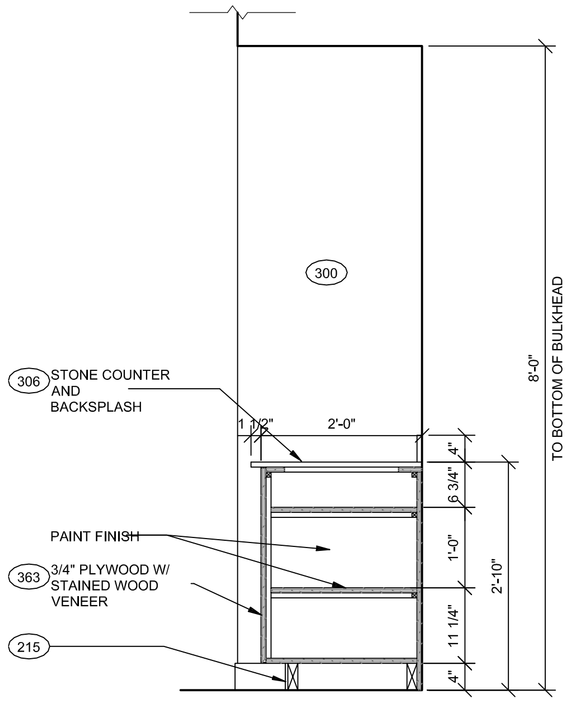
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SCALE: 1/4" = 1'-0"



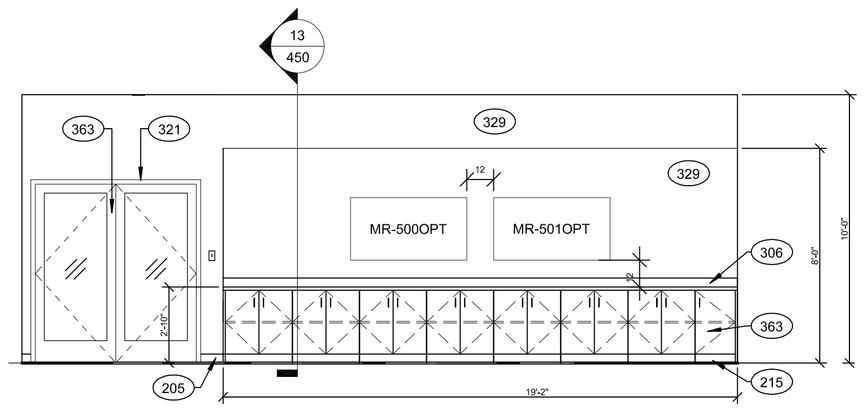
11 ELEVATION
SCALE: 1/4" = 1'-0"



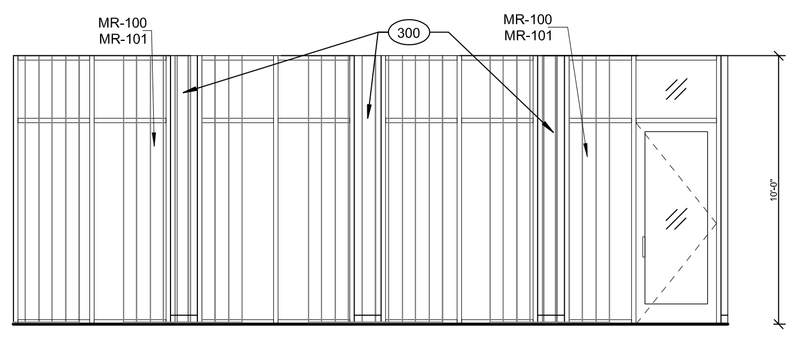
3 MEETING ROOM RCP
SCALE: 1/4" = 1'-0" referenced from: 205



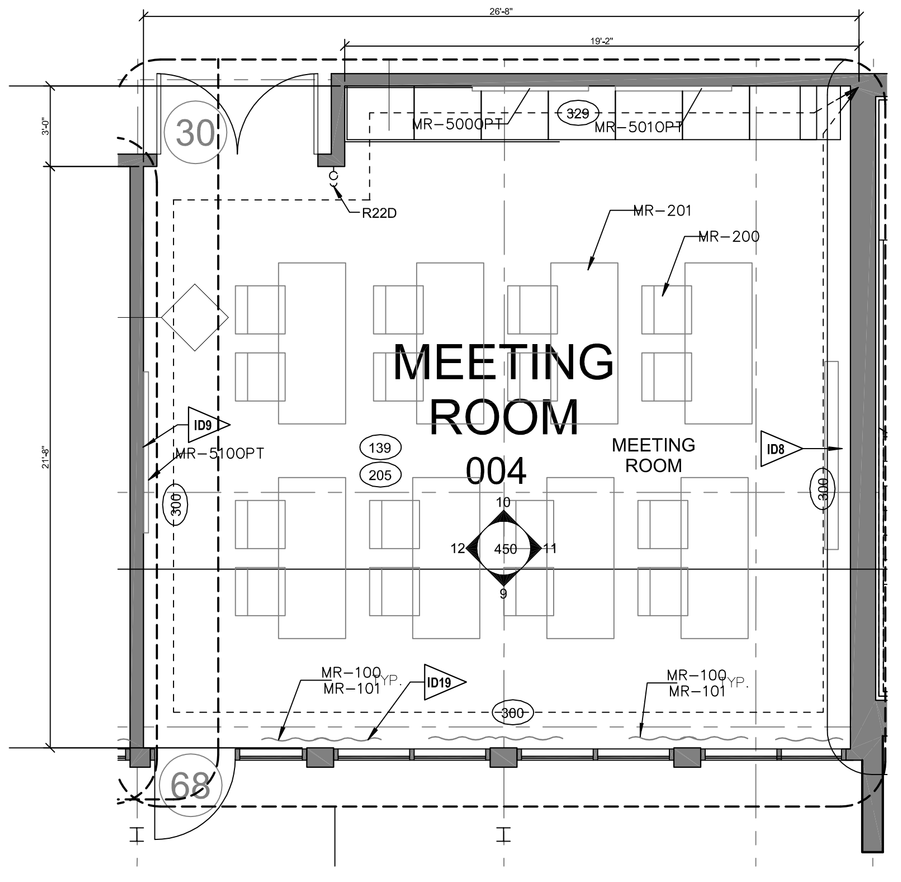
13 MEETING ROOM COUNTER
SCALE: 3/4" = 1'-0"



10 ELEVATION
SCALE: 1/4" = 1'-0"



9 ELEVATION
SCALE: 1/4" = 1'-0"



1 MEETING ROOM PLAN
SCALE: 1/4" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "MEETING SPACES" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE 700 SERIES CRITERIA PLANS FOR MORE INFORMATION.

GENERAL NOTES

A. LOCATE BLACKOUTS BEHIND SHEERS. DRAPERY PULL WANDS ARE LOOP TYPE HANDLES AND 48" MAX AFF.

B. MEETING ROOM DOWN LIGHTS ARE DIMMABLE WITH 10%-100% DIMMING BALLAST. COORDINATE WITH INDIVIDUAL MEETING ROOM LIGHTING CONTROLS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

ID0 **INTERIOR DESIGN**

ID8 7'-0" X 7'-0" RECESSED PROJECTION SCREEN. SEE PMM SECTION 11 52 13 FOR SPECIFICATION INFORMATION.

ID9 OPTIONAL GLASS WRITING PANEL. G.C. TO INCLUDE BLOCKING FOR A MINIMUM OF 120 LBS PER SQ. FT.

ID19 REFER TO WINDOW TREATMENT & ACCESSORIES PACKAGE FOR OPTIONAL ROLLING SHADES

E1 ENGINEERING:

E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O., 44" AFF (TYPICAL)

E72 USE LINEAR HVAC DIFFUSERS IN LOBBY AND PUBLIC SPACES

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

MEETING ROOM

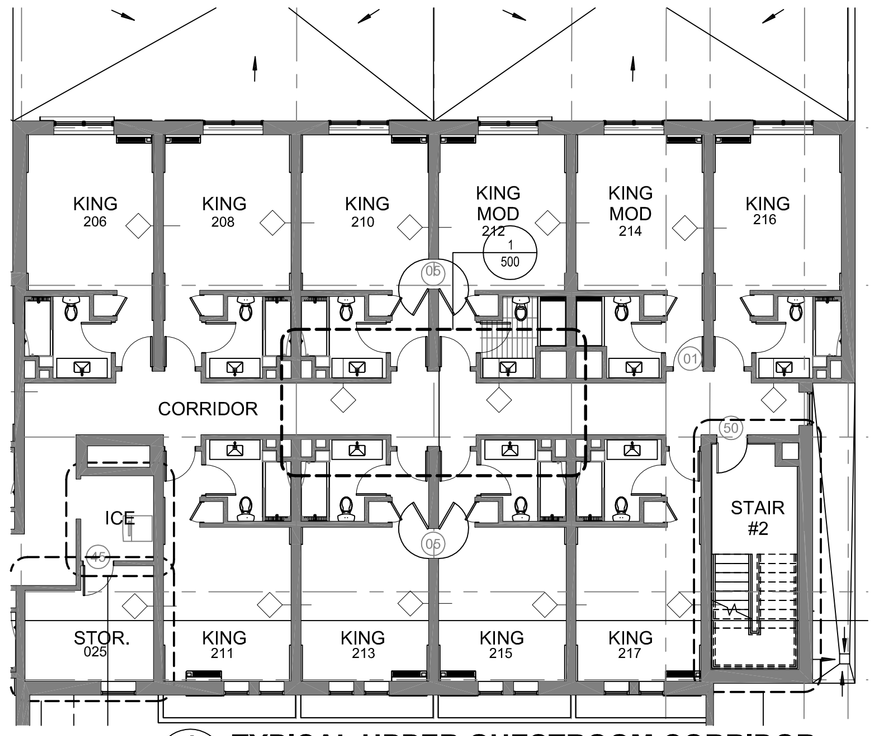
PROJECT NAME

COURTYARD INN,© Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-450
	PAGE NUMBER 74

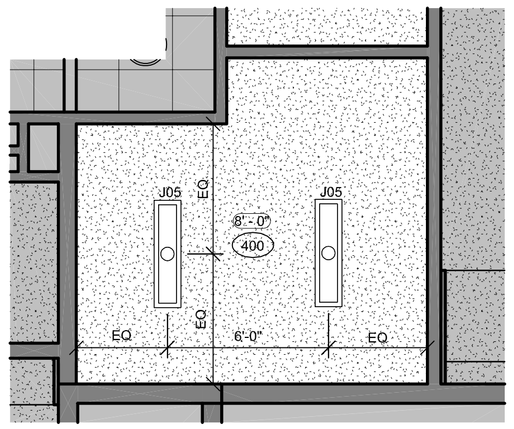
FLORIDA REG.: AR0007005

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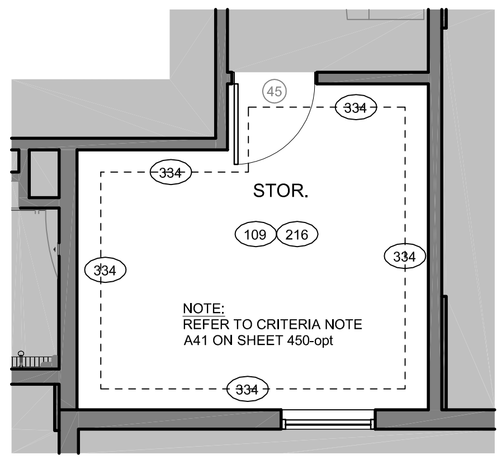
4 TYPICAL UPPER GUESTROOM CORRIDOR

SCALE: 3/32" = 1'-0"



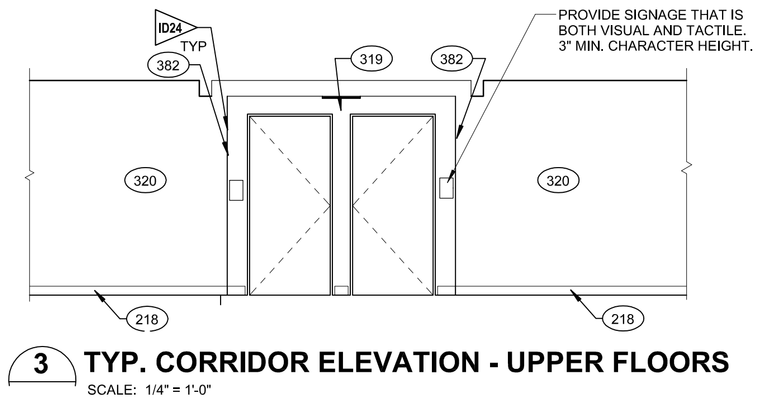
11 STORAGE RCP - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 206



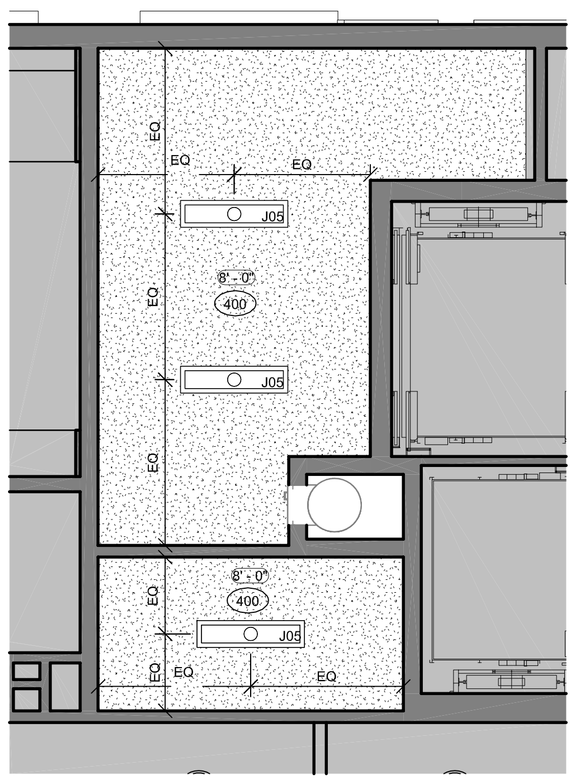
7 STORAGE PLAN - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 201



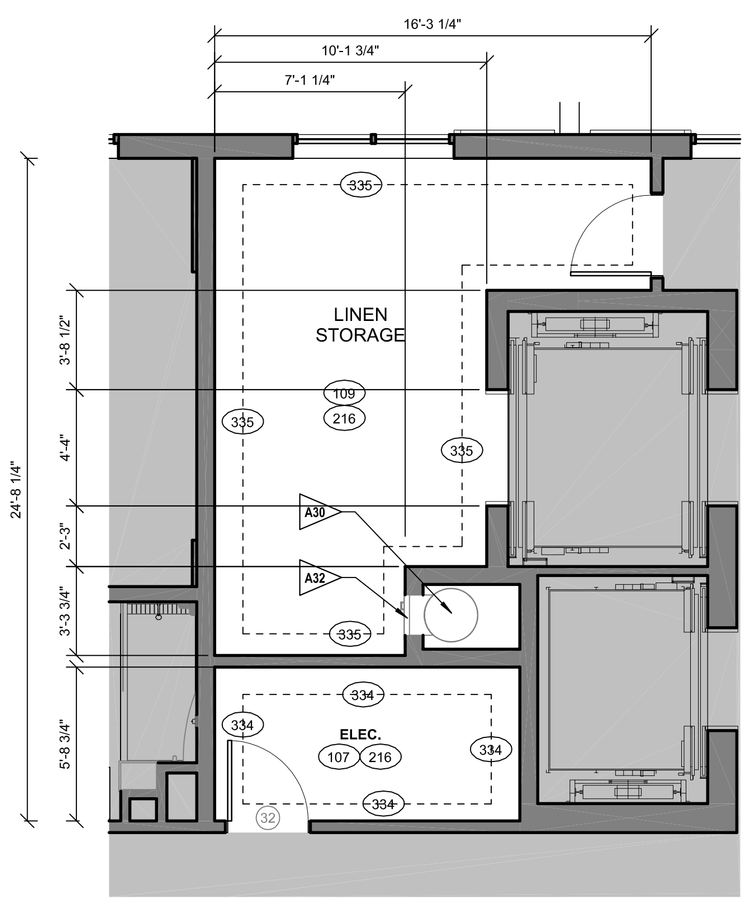
3 TYP. CORRIDOR ELEVATION - UPPER FLOORS

SCALE: 1/4" = 1'-0"



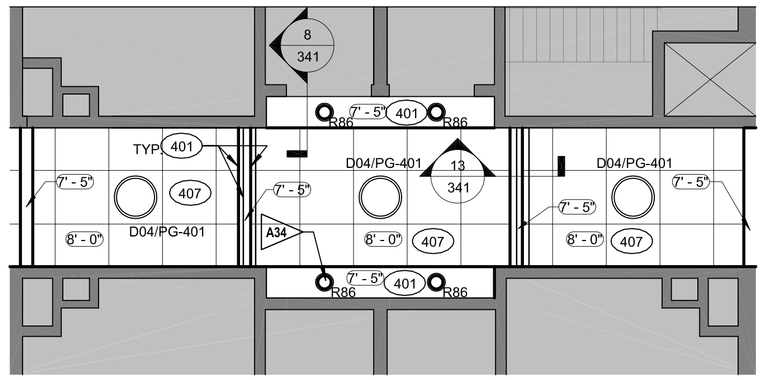
9 LINEN/ ELEC RCP - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 206



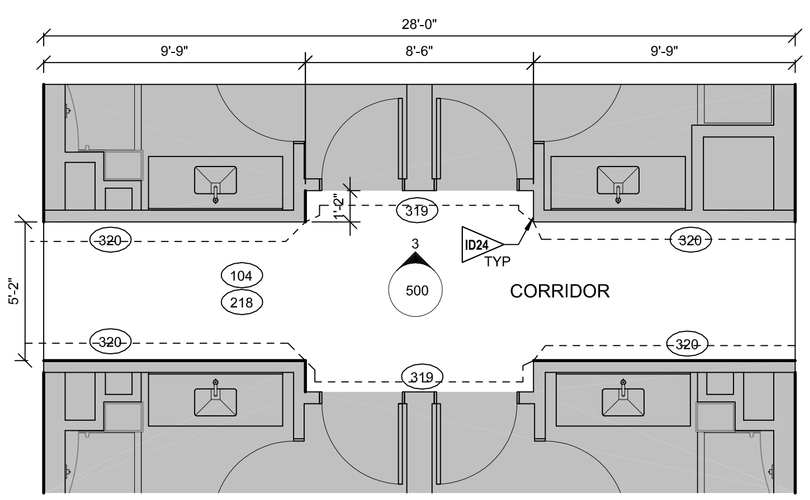
5 LINEN/ ELEC PLAN - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 201



2 TYP. CORRIDOR RCP - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 206



1 TYP. CORRIDOR PLAN - UPPER FLOORS

SCALE: 1/4" = 1'-0" referenced from: 201

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "GUESTROOM CORRIDORS & SUPPORT" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO DESIGN STANDARDS "ELEVATOR" CHAPTER FOR ELEVATOR PLANNING REQUIREMENTS INCLUDING ELEVATOR TYPE, SIZE, QUANTITY, PERFORMANCE CRITERIA & FEATURES PER SPECIFIC PROJECT SIZE AND LAYOUT.

CRITERIA NOTES

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A0 ARCHITECTURAL

A30 RATED LINEN CHUTE, CONFIRM SHAFT CLEARANCES WITH CHUTE MANUF.

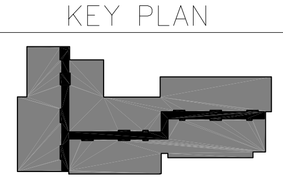
A32 RATED LINEN CHUTE INTAKE HATCH, SELF-

A34 CLOSING CENTER LIGHT OVER DOOR, TYP

ID0 INTERIOR DESIGN

ID24 ALL EXTERIOR CORNERS IN CORRIDORS SHALL HAVE FULL HEIGHT CORNER GUARDS.

KEY PLAN



NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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2603 NW 13TH ST BOX 314
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ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
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COURTYARD® Marriott®

REVISIONS

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	90% SET	11.20.2018

DRAWING NAME

GUESTROOM CORRIDOR / GUESTROOM SUPPORT

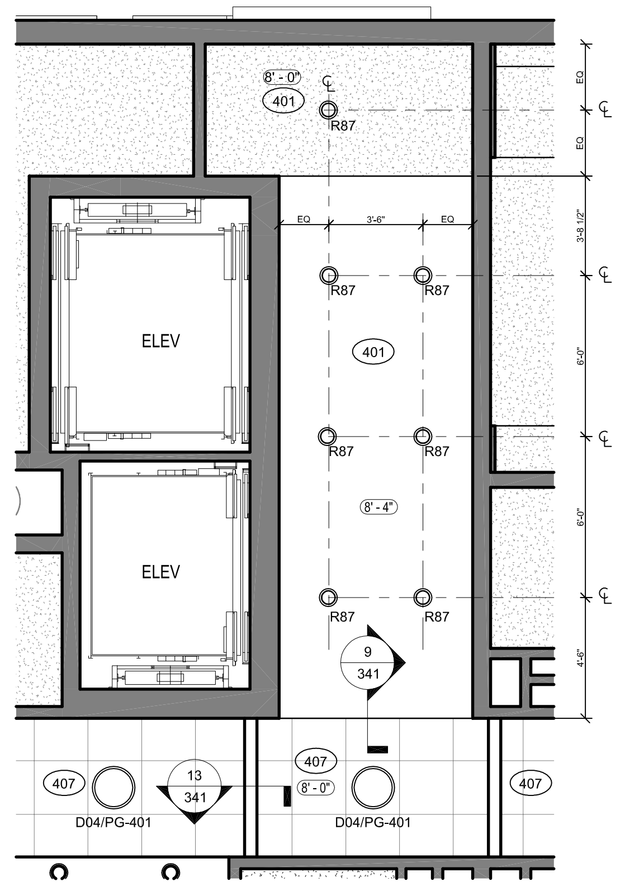
PROJECT NAME

COURTYARD INN,® Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-500
	PAGE NUMBER 75

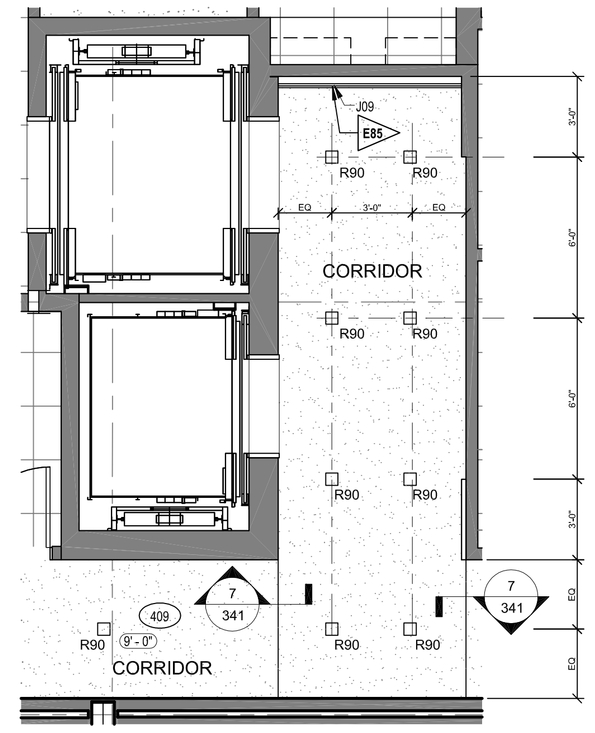
FLORIDA REG.: AR0007005

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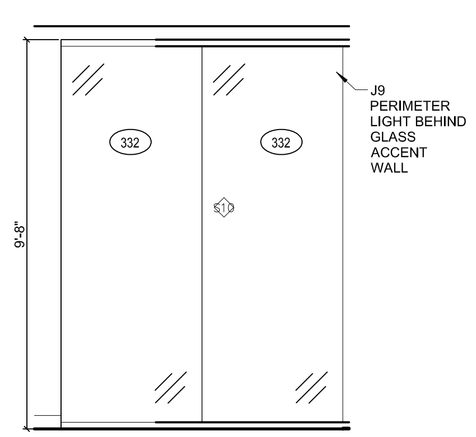
7 ELEVATOR LOBBY - UPPER FLOORS RCP

SCALE: 1/4" = 1'-0" referenced from: 206



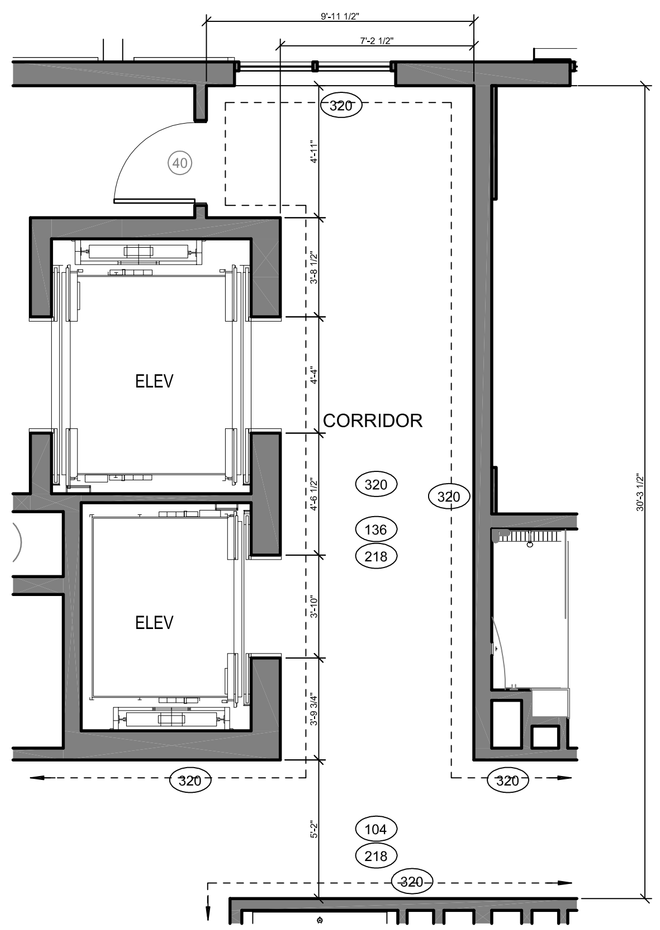
3 ELEVATOR LOBBY - FIRST FLOOR RCP

SCALE: 1/4" = 1'-0"



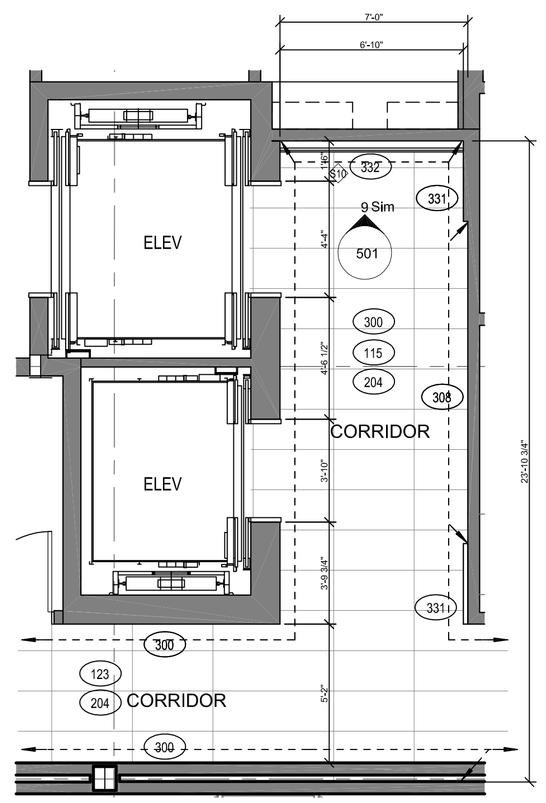
9 ELEVATION @ ELEVATOR LOBBY

SCALE: 3/8" = 1'-0"



5 ELEVATOR LOBBY - UPPER FLOORS PLAN

SCALE: 1/4" = 1'-0" referenced from: 201



1 ELEVATOR LOBBY - FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0" referenced from: 300

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "MEETING SPACES" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

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GENERAL NOTES

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ID9 OPT'L GLASS WRITING PANEL. G.C. TO INCLUDE BLOCKING FOR A MINIMUM OF 120 LBS PER SQ. FT.

ID19 REFER TO WINDOW TREATMENT & ACCESSORIES PACKAGE FOR OPTIONAL ROLLING SHADES

E0 ENGINEERING:

E85 LIGHT AT TOE KICK OF FRONT BAR, AT UNDERSIDE OF COMMUNAL TABLE TOP, AND BEHIND ELEVATOR LOBBY GLASS ACCENT WALL

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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17047 EL CAMINO REAL, SUITE 211,
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P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

ELEVATOR LOBBY

PROJECT NAME

COURTYARD INN,©
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-501

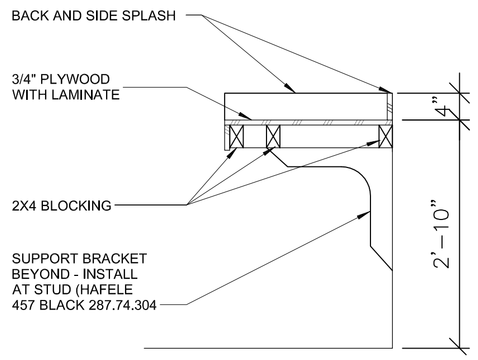
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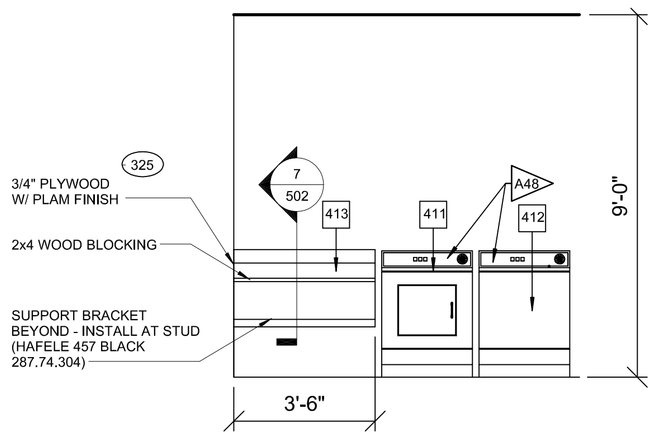
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EQUIPMENT SCHEDULE - GUEST LAUNDRY/ ICE DISPENSER

MARK	QUANTITY	DESCRIPTION	COMMENTS
411	1	Guest Washer	
412	1	Guest Dryer	
413	1	Folding Table	By G.C.
414	1	Guest Dryer - Gas	Not Shown; Option to 412
415	1	Guest Washer (ADA)	Not Shown; Option to 411
416	1	Guest Dryer - Electric (ADA)	Not Shown; Option to 412
417	1	Guest Dryer - Gas (ADA)	Not Shown; Option to 416
551	VFY	Ice Dispenser	One per floor



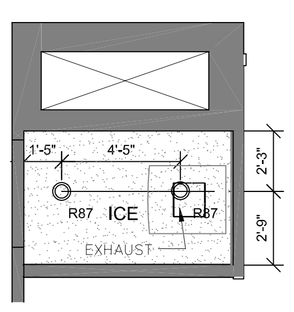
7 SECTION - GUEST LAUNDRY COUNTER
SCALE: 3/4" = 1'-0"



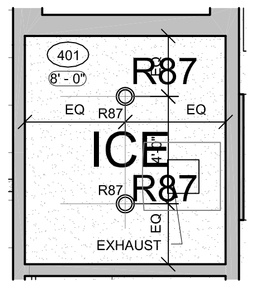
3 GUEST LAUNDRY COUNTER
SCALE: 3/8" = 1'-0"



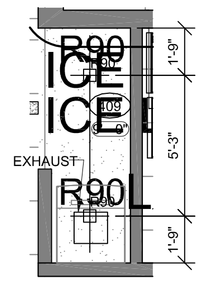
14 GUEST LAUNDRY RCP
SCALE: 1/4" = 1'-0" referenced from: 205



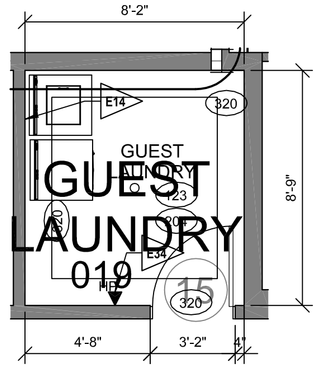
10 ICE DISPENSER - THIRD & SIXTH FL RCP
SCALE: 1/4" = 1'-0"



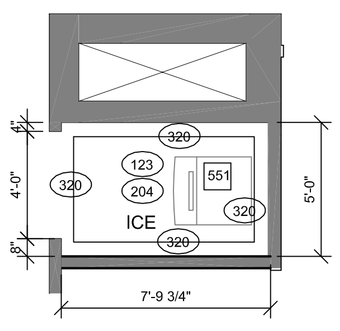
6 ICE DISPENSER - SECOND FL RCP
SCALE: 1/4" = 1'-0" referenced from: 206



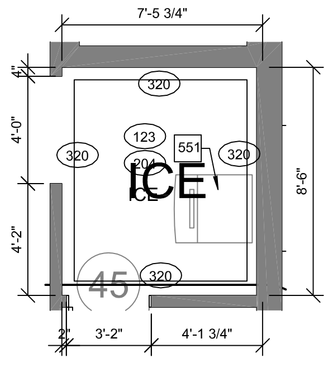
2 ICE DISPENSER - FIRST FL RCP
SCALE: 1/4" = 1'-0" referenced from: 205



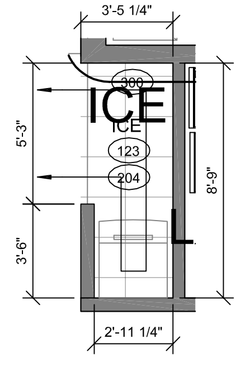
13 GUEST LAUNDRY PLAN
SCALE: 1/4" = 1'-0" referenced from: 200



9 ICE DISPENSER - THIRD & SIXTH FL PLAN
SCALE: 1/4" = 1'-0"



5 ICE DISPENSER - SECOND FL PLAN
SCALE: 1/4" = 1'-0" referenced from: 201



1 ICE DISPENSER - FIRST FL PLAN
SCALE: 1/4" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LAUNDRY" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO THE FOOD SERVICE AND GUEST LAUNDRY EQUIPMENT PRODUCT MANUAL FOR EQUIPMENT INFORMATION (COORDINATED WITH DWG MARK NUMBERS) AND SPECIFICATIONS, INCLUDING DIMENSIONS AND UTILITY REQUIREMENTS.

GENERAL NOTES

1. THIS PLAN IS A PROTOTYPE AND ALL FACTORS MAY CHANGE. SITE CONDITIONS AND/OR LOCAL CODES MAY SUPERCEDE THE DESIGN. ARCHITECT SHOULD HAVE A QUALIFIED LAUNDRY CONSULTANT REVIEW THE PLAN FOR COMPLIANCE WITH ANY CHANGES REQUIRED.
2. GAS AND ELECTRICAL EQUIPMENT IS SHOWN IN THE EQUIPMENT SCHEDULE - EQUIPMENT INSTALLER TO VERIFY UTILITY AVAILABILITY AND PROVIDE PROPER EQUIPMENT.

CRITERIA NOTES

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SYMBOLS

(D) DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
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386/365-4355

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REVISIONS

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	90% SET	11.20.2018

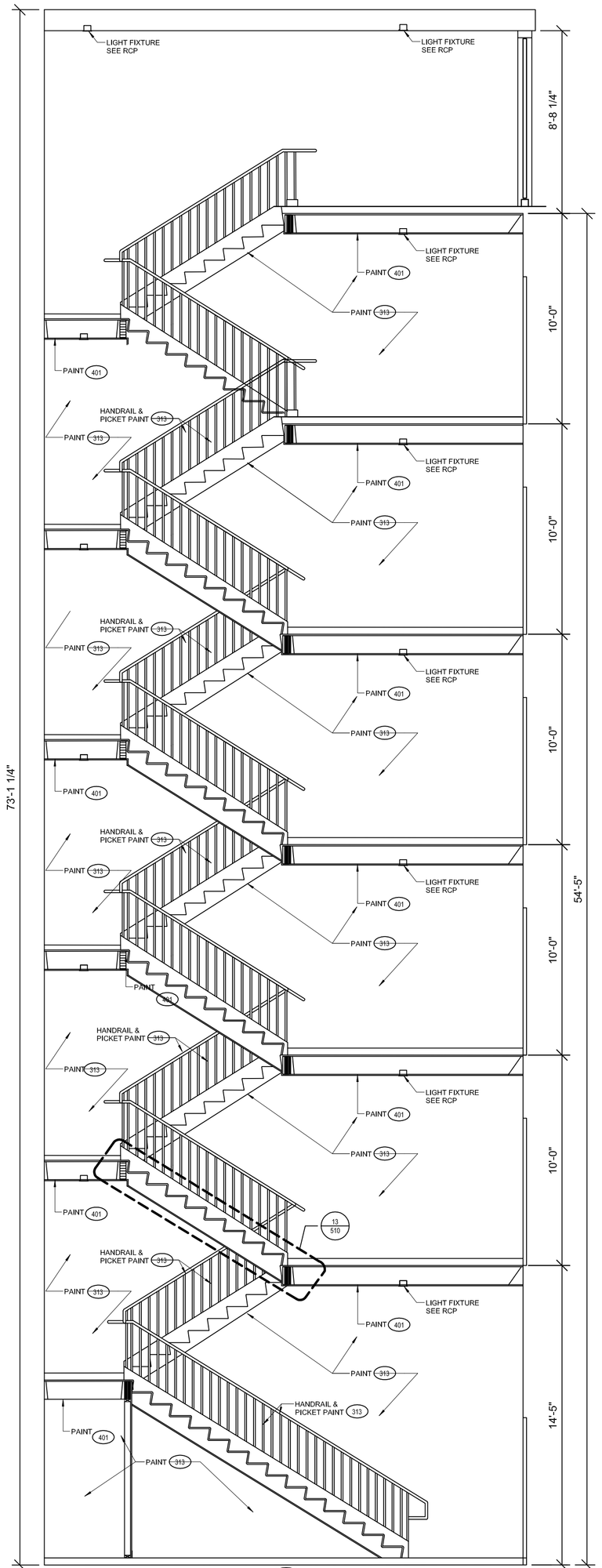
DRAWING NAME

GUEST LAUNDRY/
ICE DISPENSER AREA
& EQUIPMENT

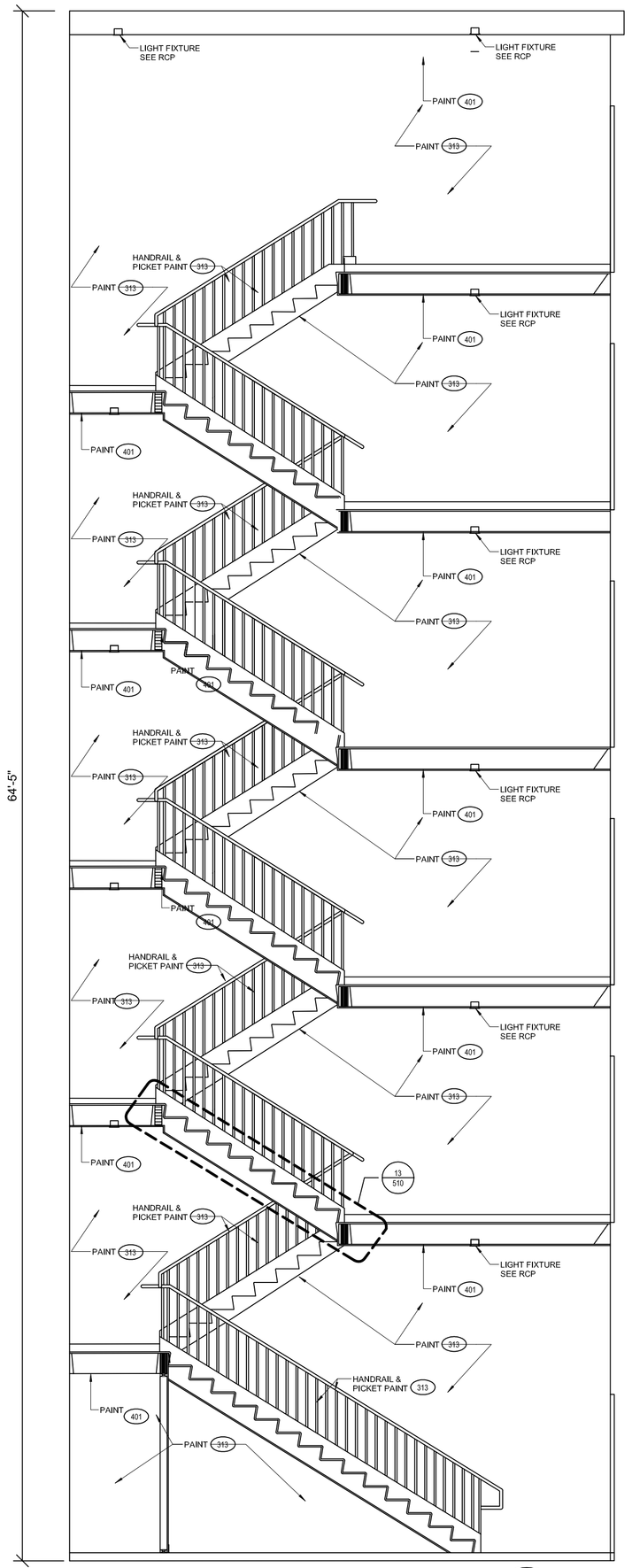
PROJECT NAME

COURTYARD INN,®
Lake City, Florida

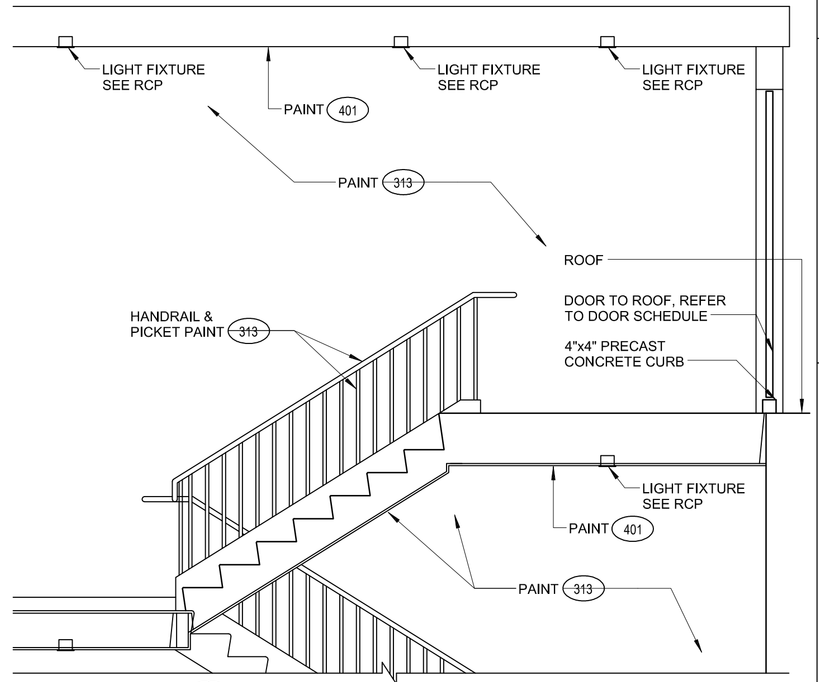
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	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-502
	PAGE NUMBER 77
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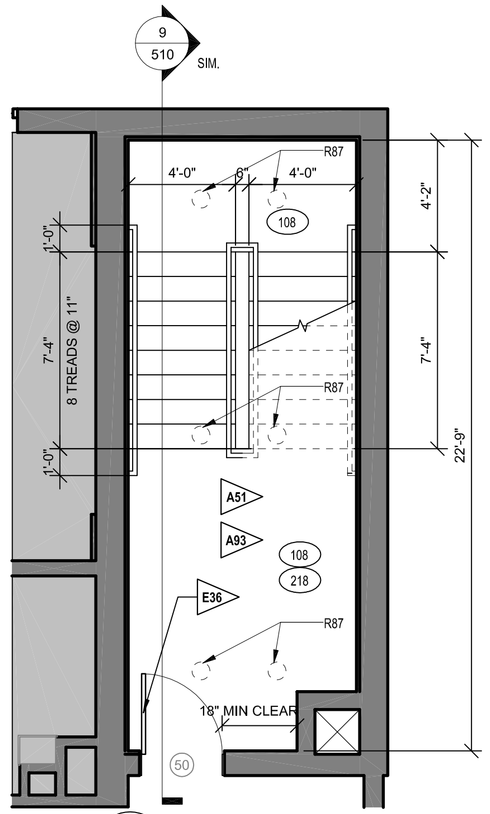
10 STAIR 2 - SECTION
SCALE: 1/4" = 1'-0"



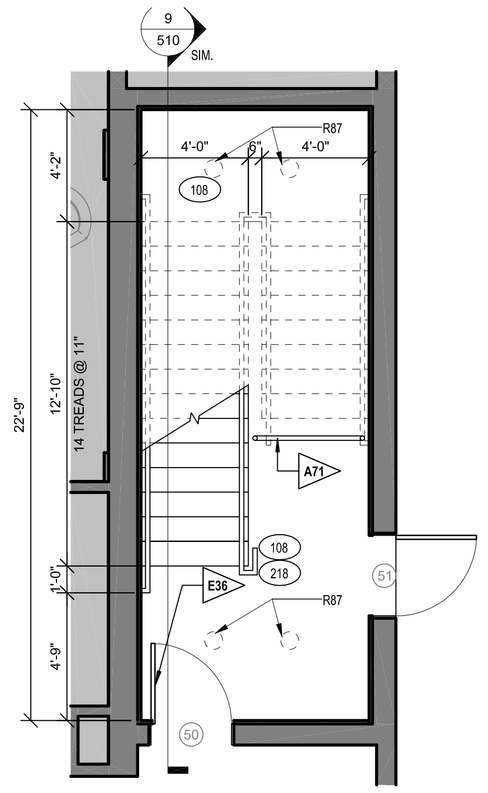
9 STAIR 1 - SECTION
SCALE: 1/4" = 1'-0"



12 STAIR - SECTION @ ROOF ACCESS
SCALE: 3/8" = 1'-0"



5 TOP FLOOR - STAIR #2
SCALE: 1/4" = 1'-0" referenced from: 203



1 FIRST FLOOR - STAIR #2
SCALE: 1/4" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO DESIGN STANDARDS "ELEVATOR" CHAPTER FOR ELEVATOR PLANNING REQUIREMENTS INCLUDING ELEVATOR TYPE, SIZE, QUANTITY, PERFORMANCE CRITERIA AND FEATURES PER SPECIFIC PROJECT SIZE AND LAYOUT.

C. REFER TO 300 SERIES FOR ENLARGED PUBLIC SPACE PLANS AND DETAILS.

D. REFER TO 500 SERIES FOR GUESTROOM PLANS AND DETAILS.

GENERAL NOTES

1. THE LOCATIONS OF ACCESSIBLE UNITS SHOWN ARE SUGGESTED AND MEET THE REQUIREMENTS FOR THE NUMBER OF ACCESSIBLE UNITS IN THE IBC. ACTUAL NUMBERS REQUIRED AND LOCATIONS FOR A SPECIFIC PROJECT ARE TO BE DETERMINED BY THE ARCHITECT OF RECORD.
2. DESIGN CONSULTANT MUST SUBMIT A COMPREHENSIVE INTERIOR GRAPHIC/SIGNAGE LAYOUT (INCLUDING ELEVATIONS), FULLY COORDINATED WITH ANY ELECTRICAL, ART-WORK OR OTHER WALL-MOUNTED ITEMS, FOR REVIEW AND ACCEPTANCE.
3. GRID DIMENSIONS BASED ON MAINTAINING 13'-1" MIN. CLEAR WIDTH INSIDE GUESTROOMS USING 6" PARTITIONS FOR NON LOAD BEARING WALLS AND 8" PARTITIONS FOR LOAD BEARING WALLS. ADJUST GRID DIMENSION AS REQ'D TO 13'-1" CLEAR WIDTH IN GUESTROOMS.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE, FOR EFFICIENCY. NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA NOTES.

ARCHITECTURE:

A41 IF MEETING ROOM 3 BAY OPTION IS USED, FIRST FLOOR ENG

SYMBOLS

D DOOR TYPE

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
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F: 407.730.2999
WWW.ASEIICORP.COM

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DRAWING NAME

STAIRS DETAILS, PLANS & SECTIONS

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-510

PAGE NUMBER 78

FLORIDA REG.: AR0007005

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REFERENCE NOTES

REFER TO DESIGN STANDARDS "GUESTROOM CORRIDORS & SUPPORT" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

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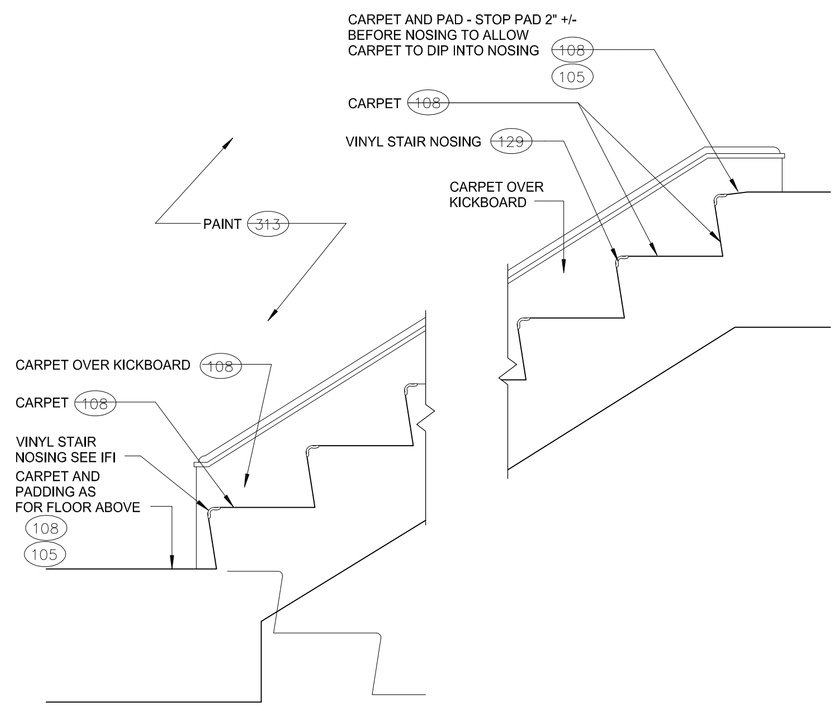
ARCHITECTURE:

A1 FLOOR, WALL AND ROOF CONSTRUCTION PER SELECTED SYSTEM; SYSTEM SELECTED WILL DETERMINE FLOOR TO FLOOR HEIGHT AND NUMBER OF RISERS REQUIRED IN STAIRS FOR EACH PROJECT. PROJECT ARCHITECT RESPONSIBLE FOR COORDINATION OF ALL SYSTEMS.

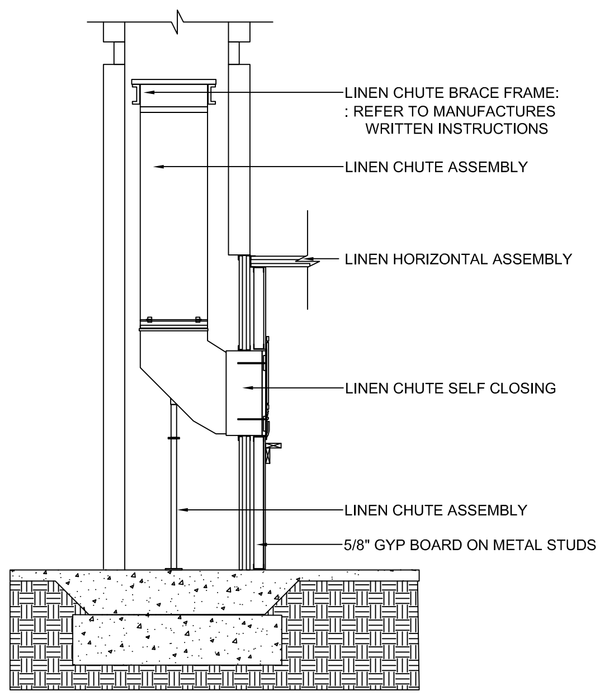
ENGINEERING:

E1 FOR USE IN COMPLIANCE WITH ASHRAE 90.1 - 2013.

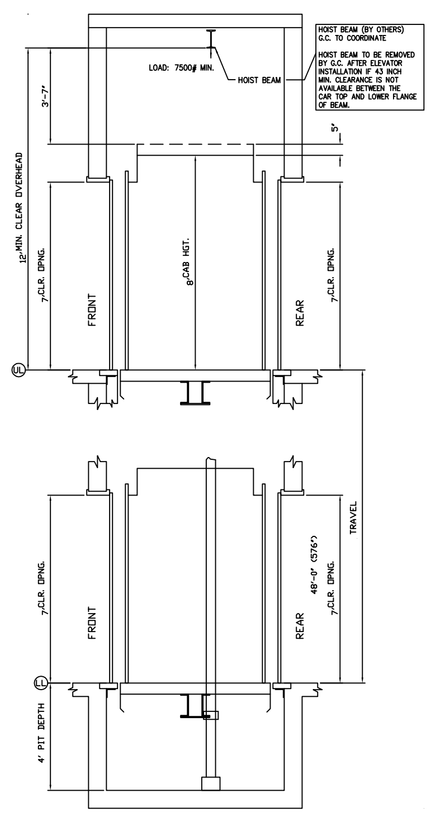
E2 INSTALL 2 WAY COMMUNICATION FOR AREA OF REFUGE



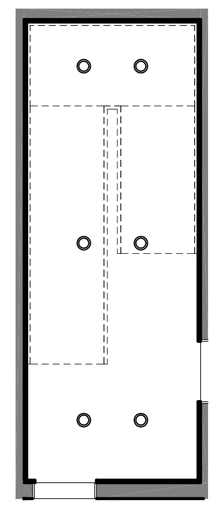
13 STRINGER AT LANDINGS
SCALE: 1" = 1'-0"



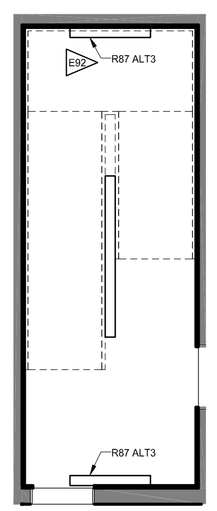
7 LINEN CHUTE SECTION
SCALE: 1/2" = 1'-0"



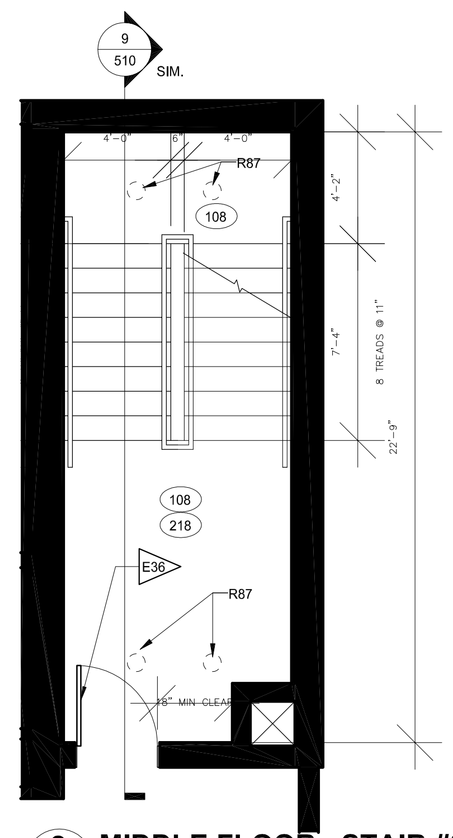
3 ELEVATOR SHAFT SECTION
SCALE: 1/4" = 1'-0"



5 RCP - TOP LEVEL OF STAIR
SCALE: 3/16" = 1'-0"



4 RCP STAIR - ALTERNATE CONDITION
SCALE: 3/16" = 1'-0"



2 MIDDLE FLOOR - STAIR #2
SCALE: 1/4" = 1'-0" referenced from: 201

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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NICHOLAS PAUL GEISLER, ARCHITECT
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P: 386.365.4355
npgeisler47@gmail.com

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DRAWING NAME

TYPICAL STAIRS
&
ELEVATOR SHAFT SECTION
&
LINEN CHUTE SECTION

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

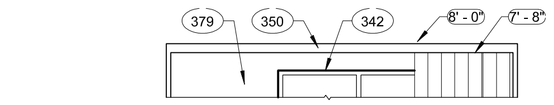
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PROJECT NUMBER 2K2101
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DECOR: XH

A-512

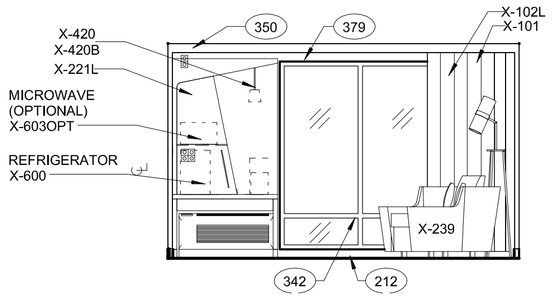
PAGE NUMBER 79

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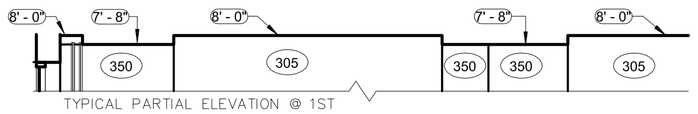


TYPICAL PARTIAL ELEVATION @ 1ST

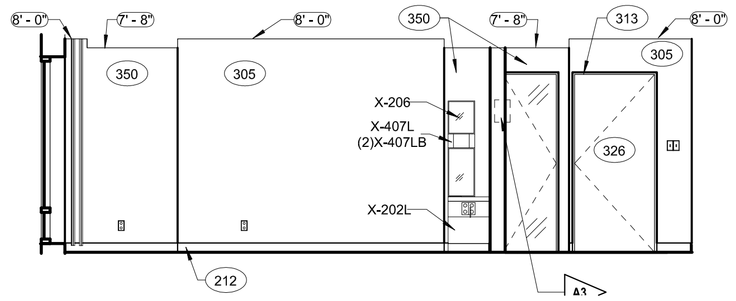


D ROOM ELEVATION

SCALE: 1/4" = 1'-0"

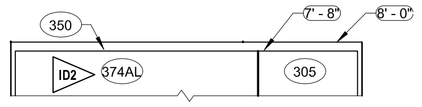


TYPICAL PARTIAL ELEVATION @ 1ST FLOOR

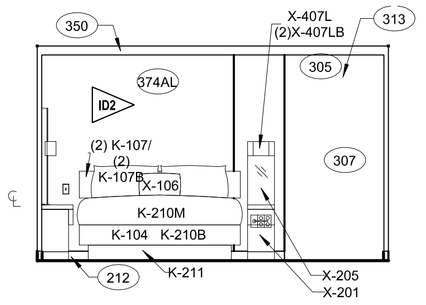


B ROOM ELEVATION

SCALE: 1/4" = 1'-0"



TYPICAL PARTIAL ELEVATION @ 1ST FLOOR

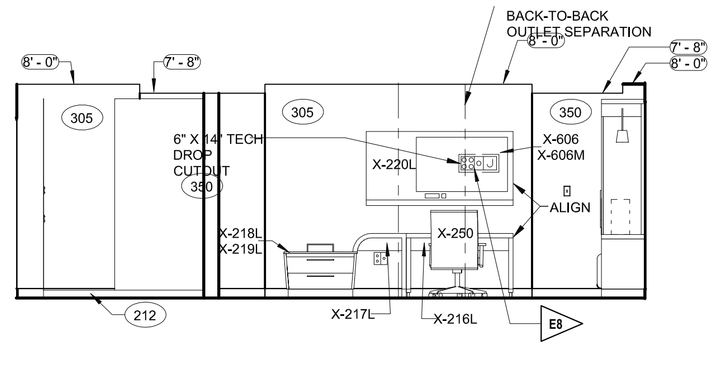


C ROOM ELEVATION

SCALE: 1/4" = 1'-0"



TYPICAL PARTIAL ELEVATION @ 1ST FLOOR



A ROOM ELEVATION

SCALE: 1/4" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. SEE PROJECT MANUAL MASTER, FOR CLOSET SHELVING REQUIREMENTS.

C. REFER TO SPEC SECTION 08 75 16 FOR OPERABLE WINDOW HARDWARE AT ACCESSIBLE ROOMS.

GENERAL NOTES

1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
2. ELECTRICAL OUTLETS SHOWN ON MECH/ELEC/PLUMB PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.

CRITERIA NOTES

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A0 **ARCHITECTURAL**

A1 ALUMINUM SLIDING DOOR IS ALLOWED IN LIEU OF WINDOW WHERE GUESTROOMS HAVE DIRECT ACCESS TO THE COURTYARD (1ST FLOOR). PROVIDE CHARLIE BARS ON ALL SLIDING GLASS DOORS AND FIRST FLOOR WINDOWS.

A3 IRONING BOARD AND IRON RACK MOUNTED INSIDE OF CLOSET. PROVIDE BLOCKING AS REQUIRED.

A62 COORDINATE WINDOW LOCATION AND PTAC LOCATION WITH DIMENSIONS AND LOCATION OF HOSPITALITY CABINET

ID0 **INTERIOR DESIGN**

ID2 OPTION #2 MIRROR LOCATED AT BATHROOM ENTRY

ID3 ALL EXTERIOR CORNERS IN GUESTROOM SHALL HAVE FULL HEIGHT CORNER GUARDS, PER FINISH INDEX.

ID22 NO TRANSITION STRIP. TILE IN ENTRY CONTINUES INTO BATHROOM.

E0 **ENGINEERING**

E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.

E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT GUESTROOMS, TYPICAL.

E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.

E4 OPTIONAL PHONE OUTLET AT DESK.

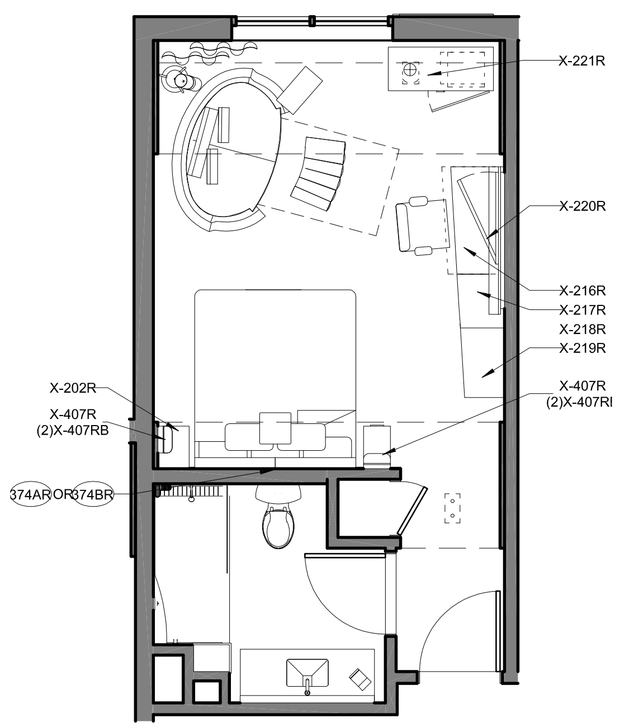
E5 OPTIONAL DEDICATED OUTLET FOR OPTIONAL MICROWAVE.

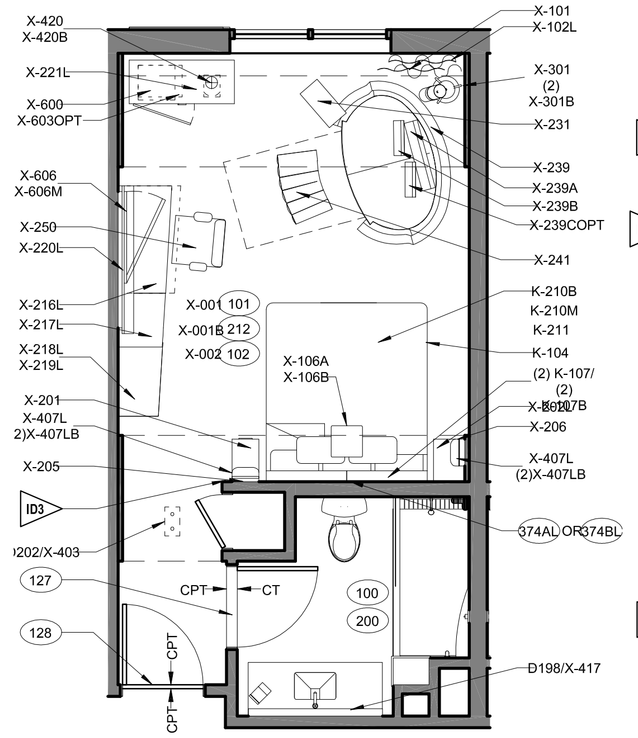
E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF BATHROOM.

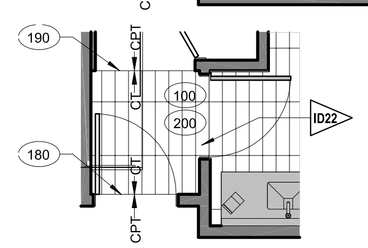
E7 VERIFY THAT SLEEVE EXTENDS 8" TO 10" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.

E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING.

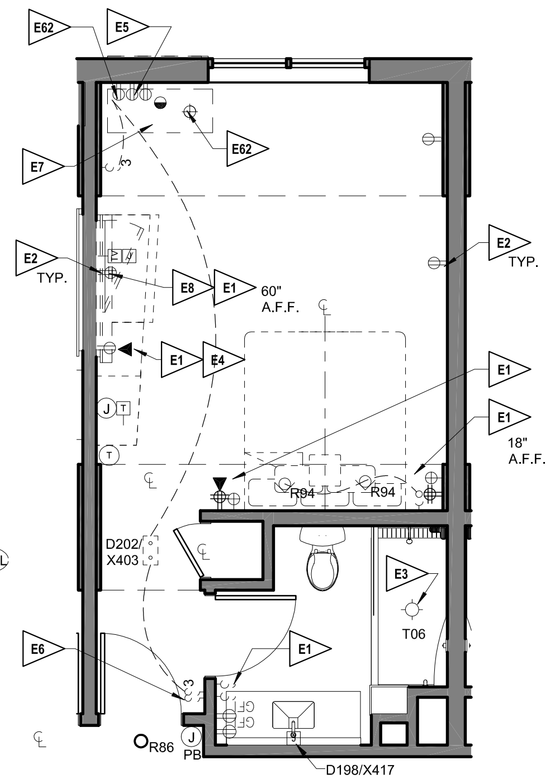
E62 CASEWORK LIGHT TO PULL INTO SWITCHED OUTLET

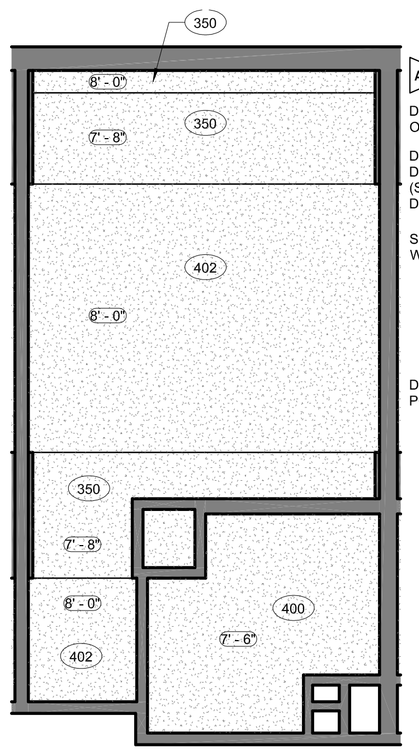


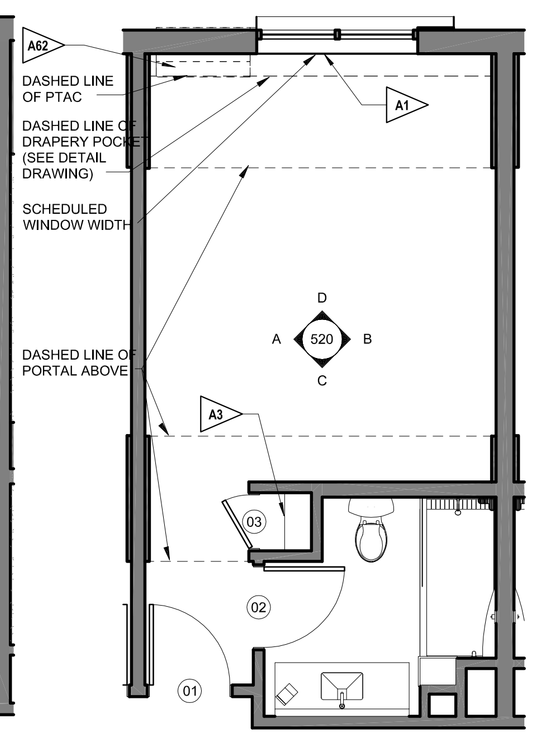




OPTIONAL TILE @ ENTRY







5 FURN & FINISH PLAN (RIGHT)

SCALE: 1/4" = 1'-0"

4 FURN & FINISH PLAN (LEFT)

SCALE: 1/4" = 1'-0"

3 MECH/ ELEC/ PLUMB

SCALE: 1/4" = 1'-0"

2 RCP

SCALE: 1/4" = 1'-0"

1 ARCHITECTURAL

SCALE: 1/4" = 1'-0"

4/23/2017 11:05:17 PM

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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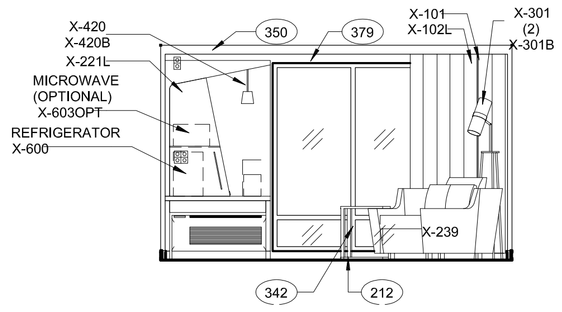
DRAWING NAME

STANDARD KING GUESTROOM

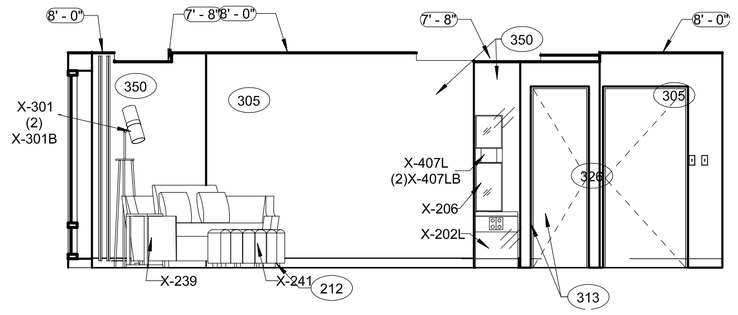
PROJECT NAME

COURTYARD INN,©
Lake City, Florida

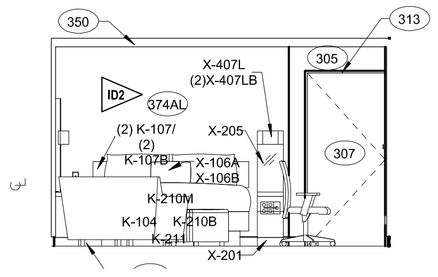
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	PROJECT NUMBER 2K2101
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FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



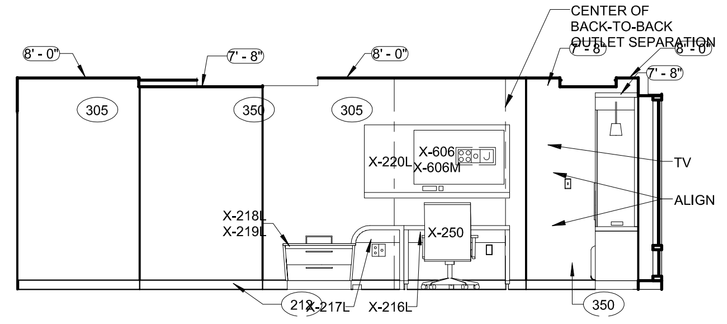
D ROOM ELEVATION
SCALE: 1/4" = 1'-0"



B ROOM ELEVATION
SCALE: 1/4" = 1'-0"



C ROOM ELEVATION
SCALE: 1/4" = 1'-0"



A ROOM ELEVATION
SCALE: 1/4" = 1'-0"

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B. SEE PROJECT MANUAL MASTER, FOR CLOSET SHELVING REQUIREMENTS.

C. REFER TO SPEC SECTION 08 75 16 FOR OPERABLE WINDOW HARDWARE AT ACCESSIBLE ROOMS.

GENERAL NOTES

1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
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3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.

ALL ELECTRICAL DIMENSIONS ARE TO THE
4. CENTERLINE UNLESS NOTED OTHERWISE.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES W/ ALL CRITERIA NOTES.

A0 **ARCHITECTURAL**

A1 ALUMINUM SLIDING DOOR IS ALLOWED IN LIEU OF WINDOW WHERE GUESTROOMS HAVE DIRECT ACCESS TO THE COURTYARD (1ST FLOOR). PROVIDE CHARLIE BARS ON ALL SLIDING GLASS DOORS AND FIRST FLOOR WINDOWS.

A3 IRONING BOARD AND IRON RACK MOUNTED INSIDE OF CLOSET. PROVIDE BLOCKING AS REQUIRED.

A21 EPS INSULATION BOARD, BUILD UP WHERE NEEDED, REFER TO WALL SECTIONS

A62 COORDINATE WINDOW LOCATION AND PTAC LOCATION WITH DIMENSIONS AND LOCATION OF HOSPITALITY CABINET

ID0 **INTERIOR DESIGN**

ID2 OPTION #2 MIRROR LOCATED AT BATHROOM ENTRY

ID3 ALL EXTERIOR CORNERS IN GUESTROOM SHALL HAVE FULL HEIGHT CORNER GUARDS, PER FINISH INDEX.

ID22 NO TRANSITION STRIP. TILE IN ENTRY CONTINUES INTO BATHROOM.

E0 **ENGINEERING**

E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.

E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT GUESTROOMS, TYPICAL.

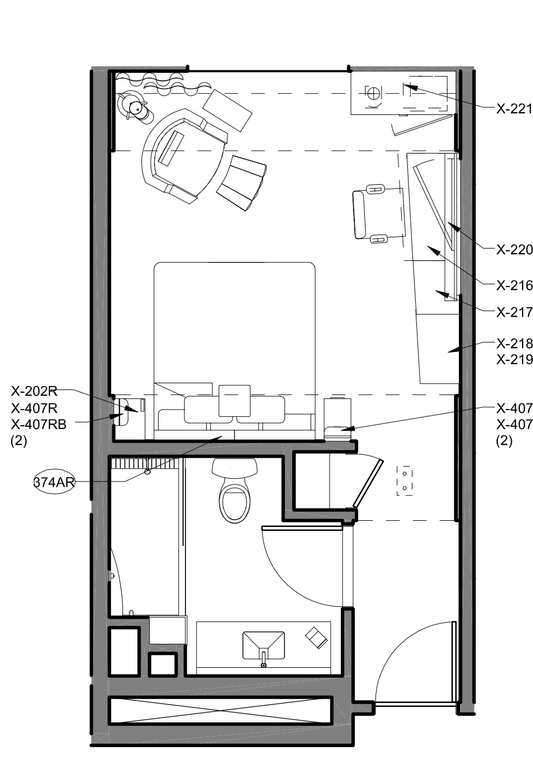
E4 OPTIONAL PHONE OUTLET AT DESK.

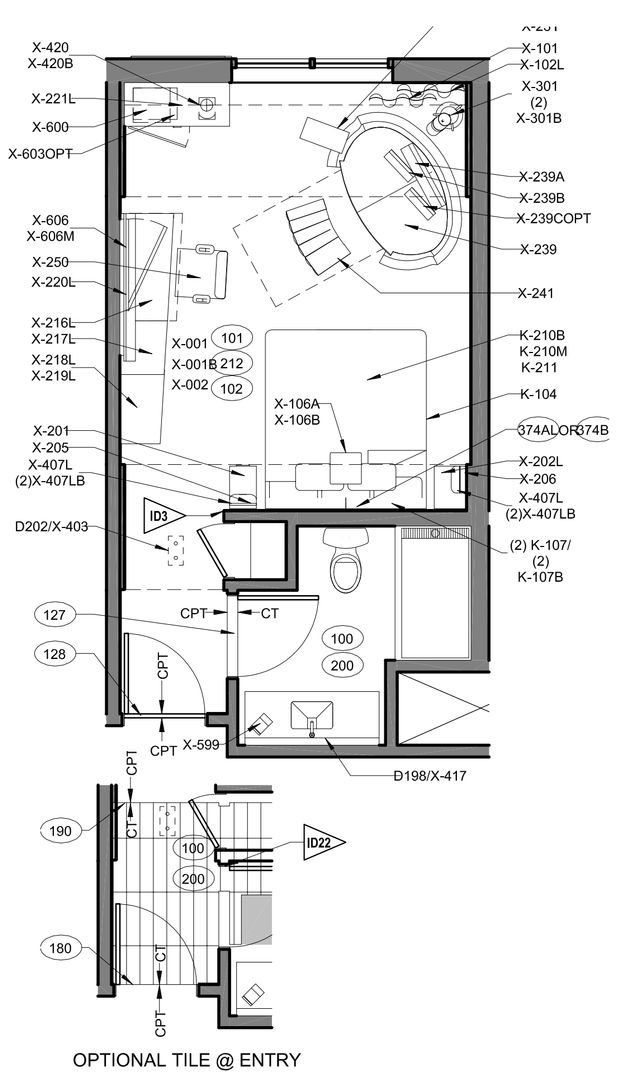
E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL. ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF BATHROOM.

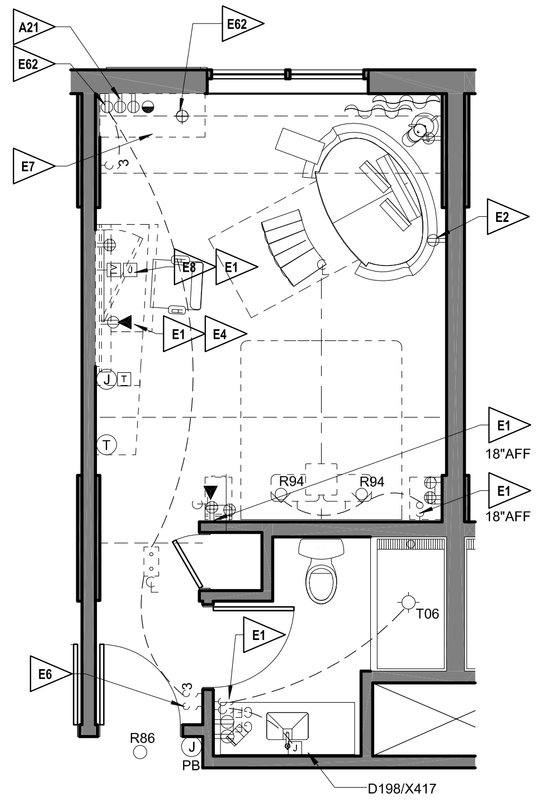
E7 VERIFY THAT SLEEVE EXTENDS 8" TO 10" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.

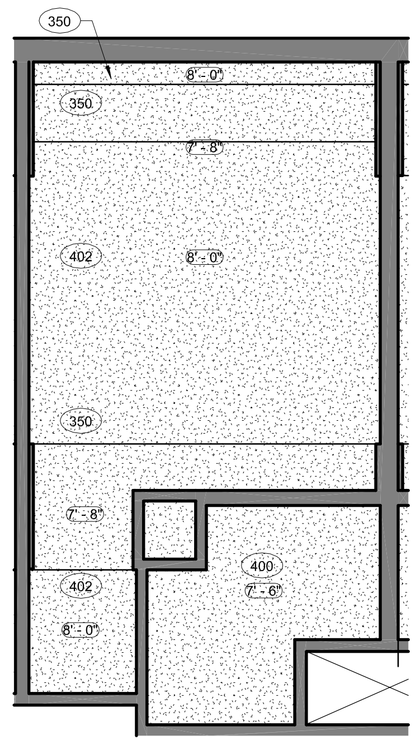
E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING.

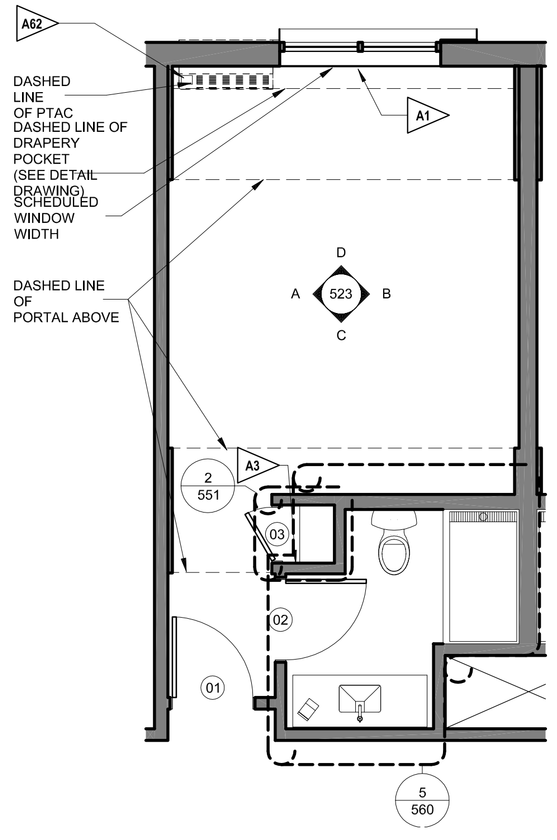
E62 CASEWORK LIGHT TO PULL INTO SWITCHED OUTLET











5 FURNITURE & FINISH PLAN (RIGHT)
SCALE: 1/4" = 1'-0"

4 FURNITURE & FINISH PLAN (LEFT)
SCALE: 1/4" = 1'-0"

3 MECH/ ELEC/ PLUMB
SCALE: 1/4" = 1'-0"

2 RCP
SCALE: 1/4" = 1'-0"

1 ARCHITECTURAL
SCALE: 1/4" = 1'-0"

4/23/2017 11:18:48 PM

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
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2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2099
WWW.ASEIICORP.COM

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MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

KING MOD GUESTROOM

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

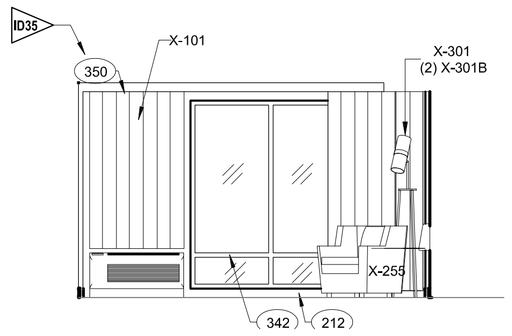
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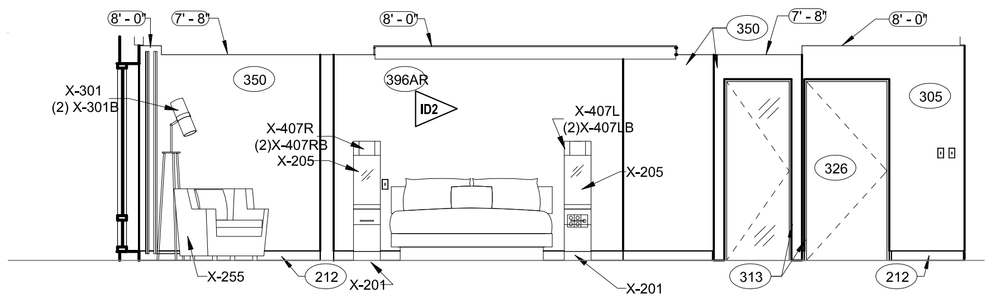
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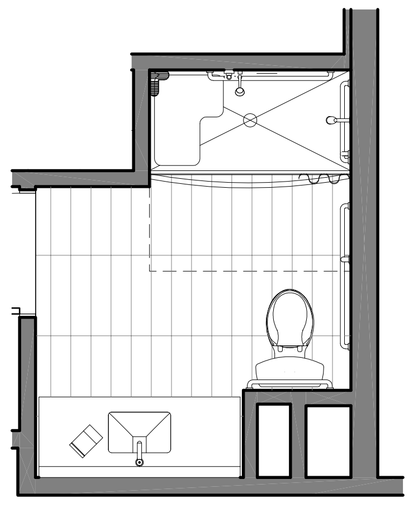
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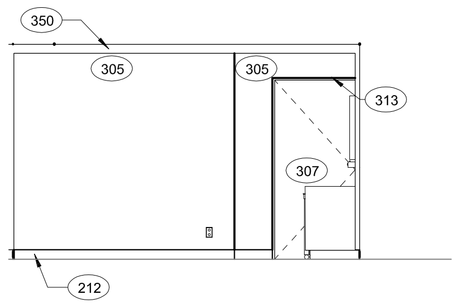
D ROOM ELEVATION
SCALE: 1/4" = 1'-0"



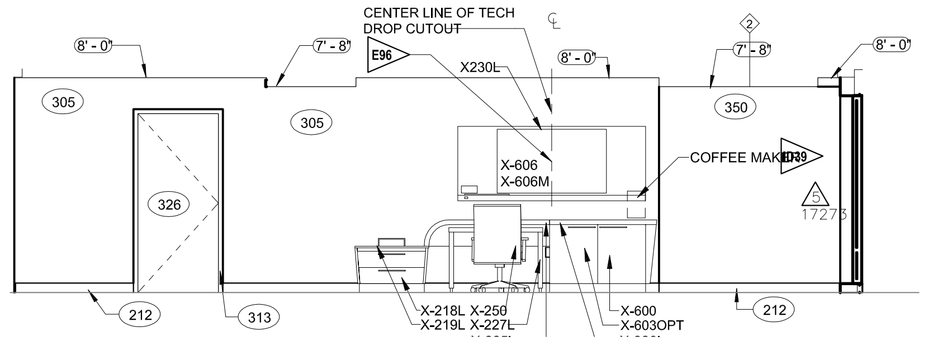
B ROOM ELEVATION
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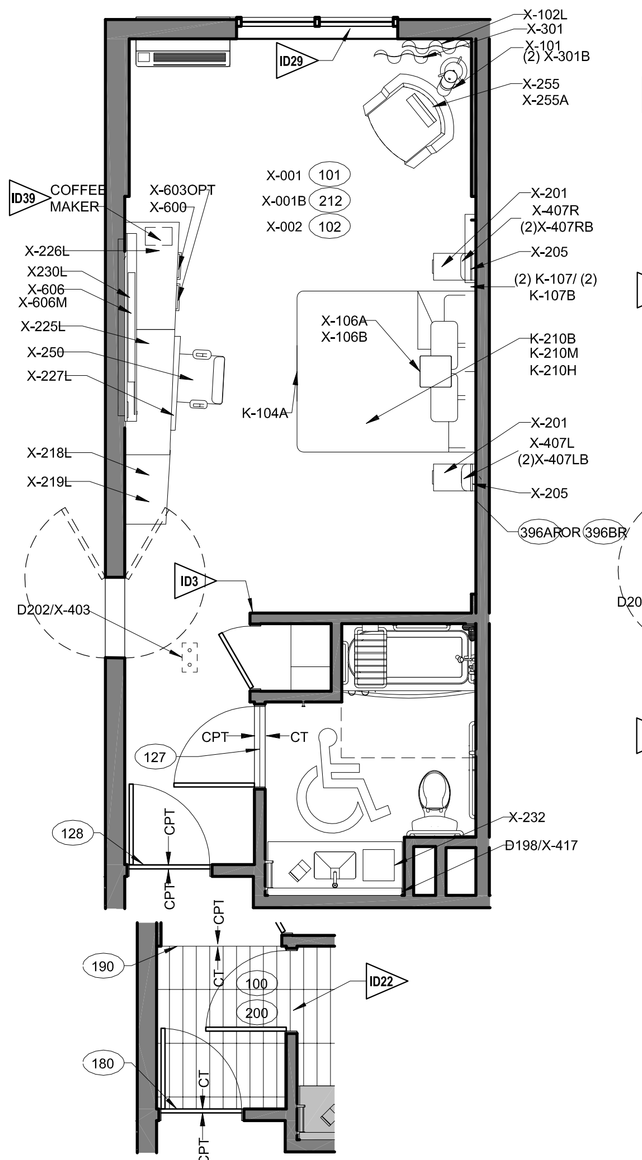
E BATHROOM PLAN - ROLL-IN SHWR (ALT)
SCALE: 3/8" = 1'-0"



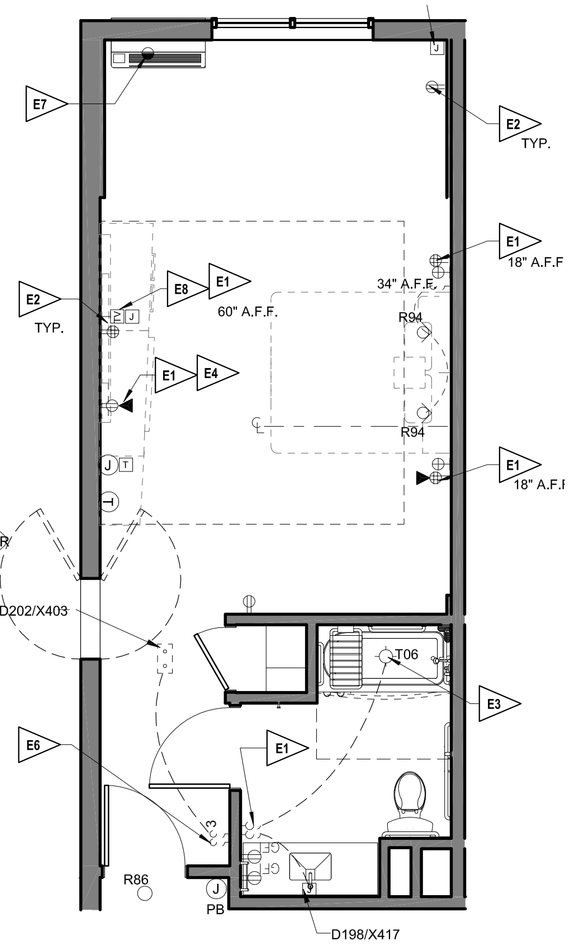
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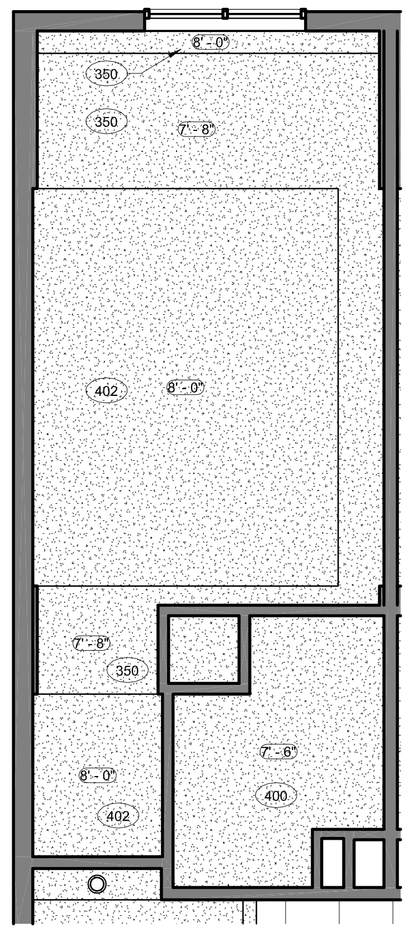
A ROOM ELEVATION
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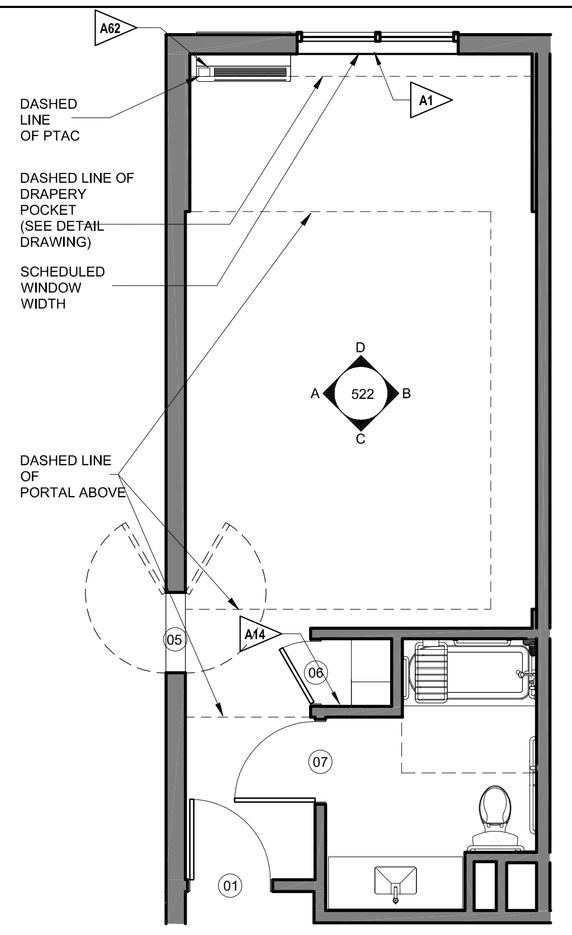
4 FURNITURE & FINISH PLAN (LEFT)
SCALE: 1/4" = 1'-0"



3 MECH/ ELEC/ PLUMB
SCALE: 1/4" = 1'-0"



2 RCP
SCALE: 1/4" = 1'-0"



1 ARCHITECTURAL
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E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.

E4 OPTIONAL PHONE OUTLET AT DESK.

E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF BATHROOM.

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E84 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY IN ACCESSIBLE ROOMS.

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P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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COURTYARD® Marriott®

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	90% SET	11.20.2018

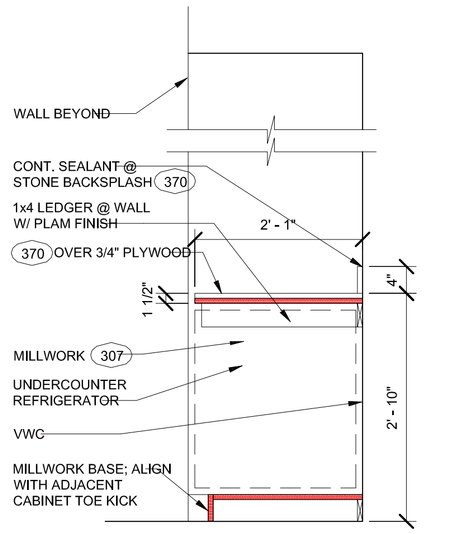
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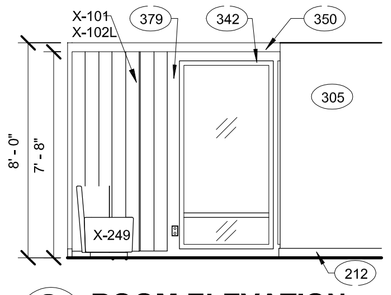
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COURTYARD INN,°
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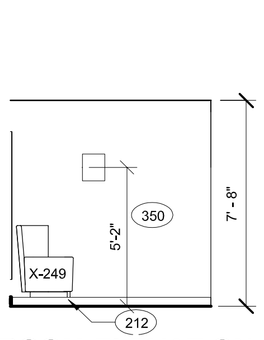
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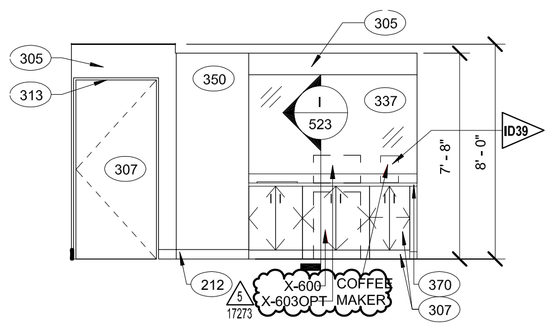
I SUITE COUNTER SECTION
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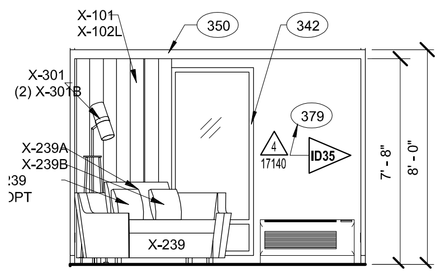
G ROOM ELEVATION
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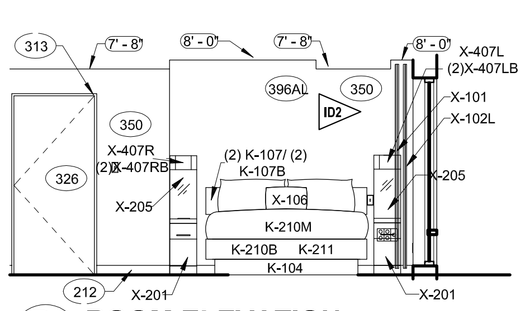
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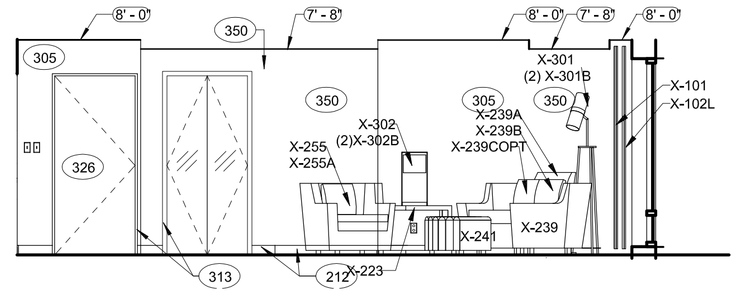
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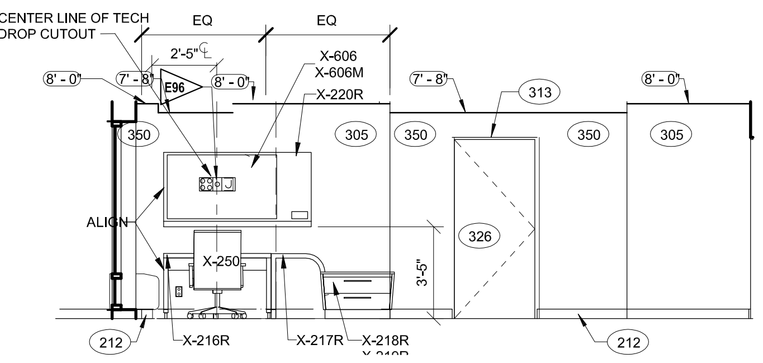
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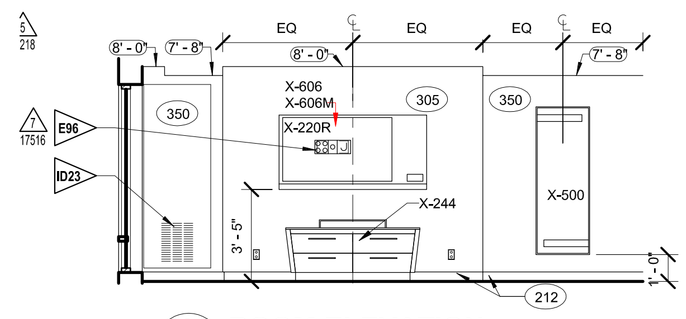
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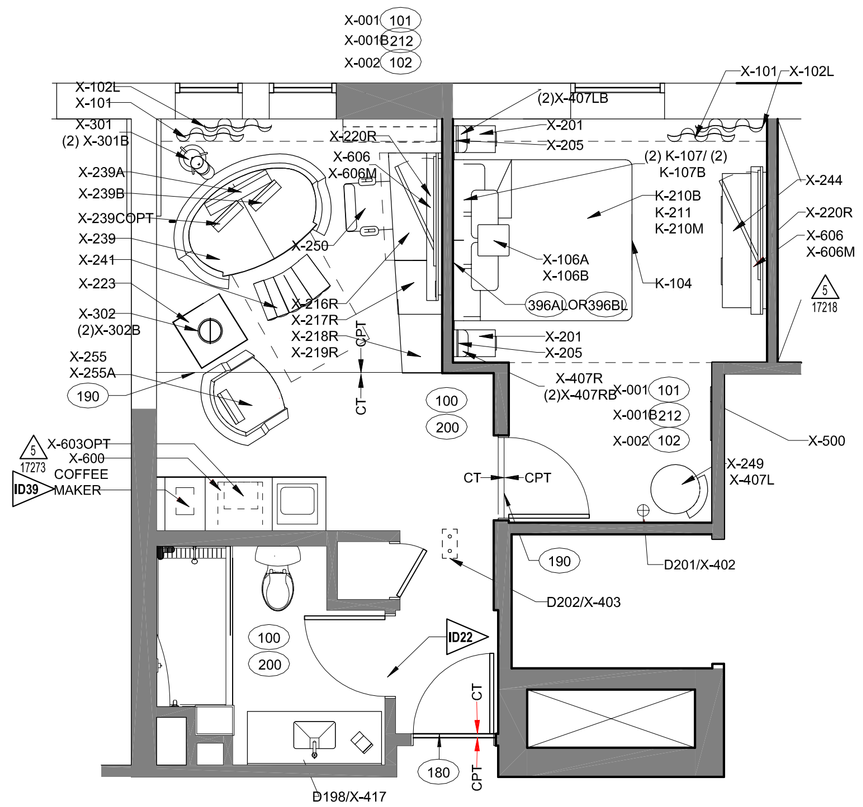
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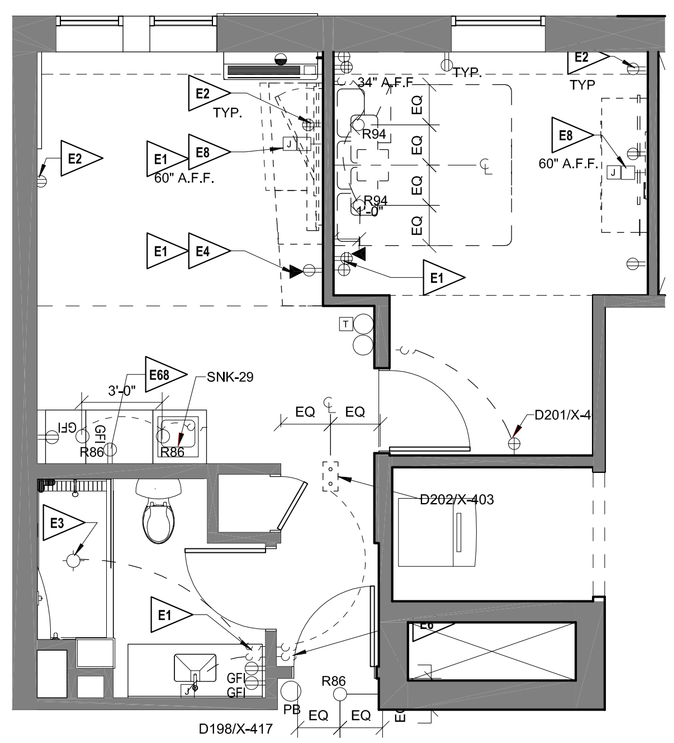
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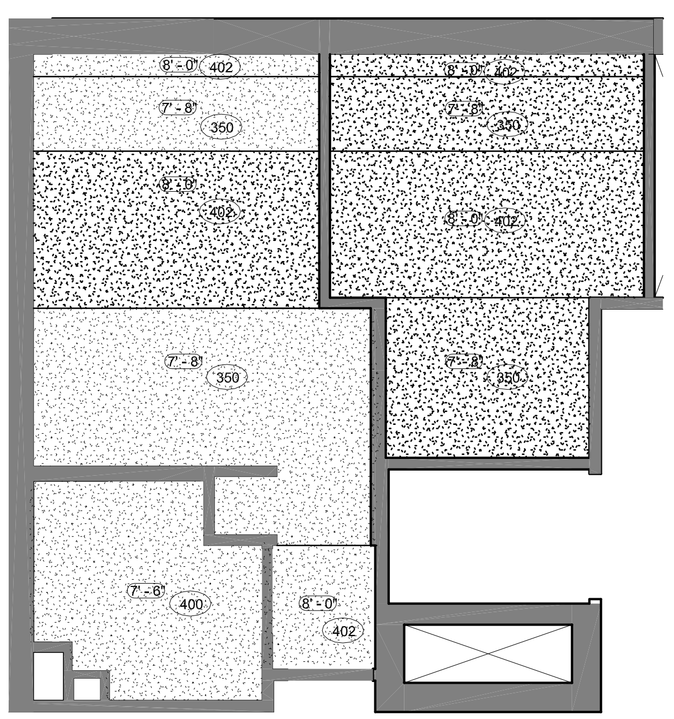
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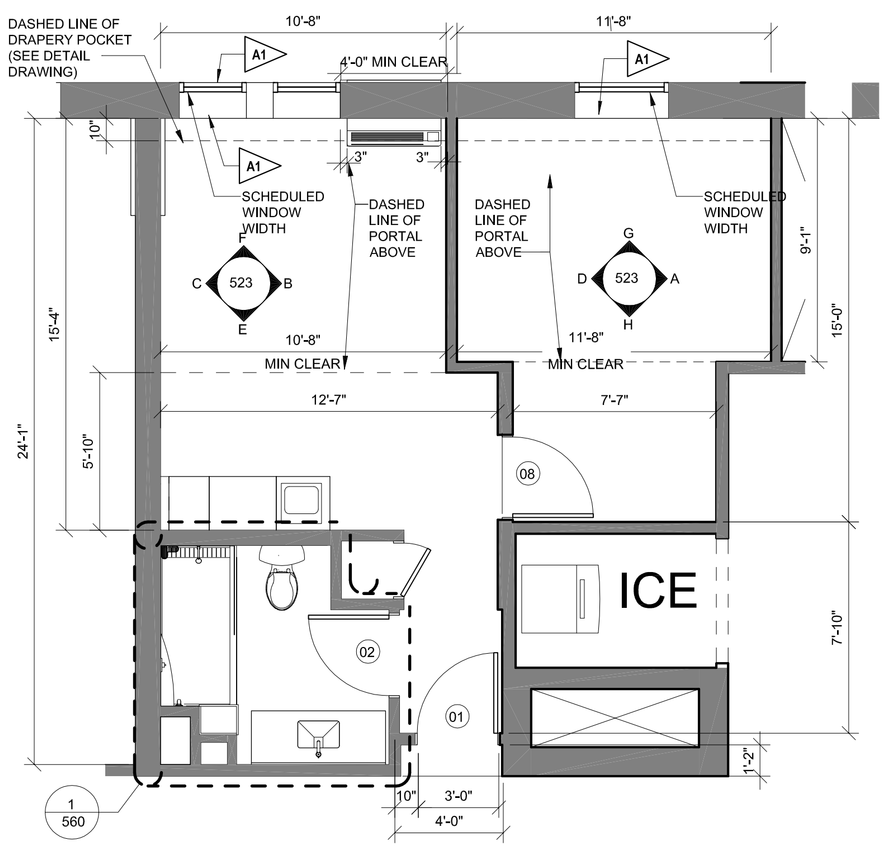
4 FURNITURE & FINISH PLAN (RIGHT)
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A3 IRONING BOARD AND IRON RACK MOUNTED INSIDE OF CLOSET. PROVIDE BLOCKING AS REQUIRED.

A62 COORDINATE WINDOW LOCATION AND PTAC LOCATION WITH DIMENSIONS AND LOCATION OF HOSPITALITY CABINET

ID0 INTERIOR DESIGN

ID2 OPTION #2 MIRROR LOCATED AT BATHROOM ENTRY

ID3 ALL EXTERIOR CORNERS IN GUESTROOM SHALL HAVE FULL HEIGHT CORNER GUARDS, PER FINISH INDEX.

ID22 NO TRANSITION STRIP. TILE IN ENTRY CONTINUES INTO BATHROOM.

ID23 VTAC LOUVER TO BE PAINTED TO MATCH WALL

ID35 TEXTURED FINISH AND PAINT REQUIRED ON GUESTROOM WINDOW WALL TO MINIMIZE THE OCCURANCE OF MOLD AND MILDEW.

ID39 OWNER PROVIDED COFFEE MAKER.

E0 ENGINEERING

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E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.

E4 OPTIONAL PHONE OUTLET AT DESK.

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E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING.

E67 PROVIDE VTAC UNIT

E68 (1) OUTLET 18" AFF (NOT GFI) (1) OUTLET @ 40" AFF (GFI)

E96 ALIGN OUTLETS WITH TV TECH PANEL CUTOUT.

NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

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2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
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npgeisler47@gmail.com

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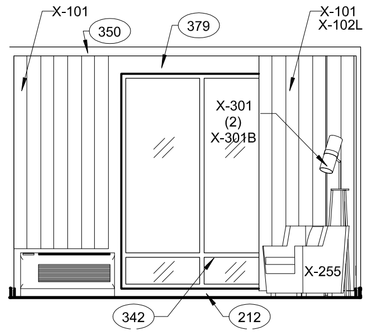
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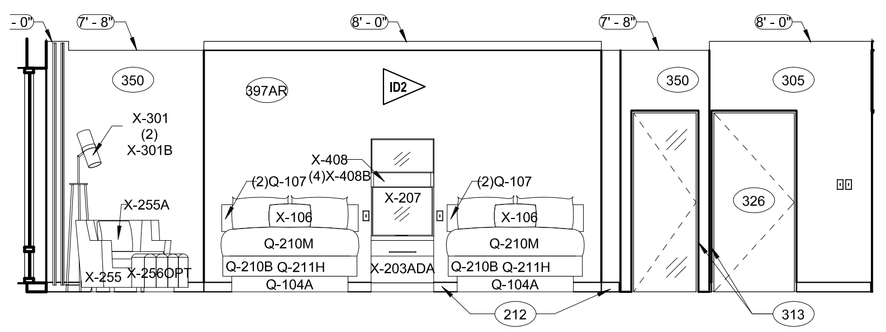
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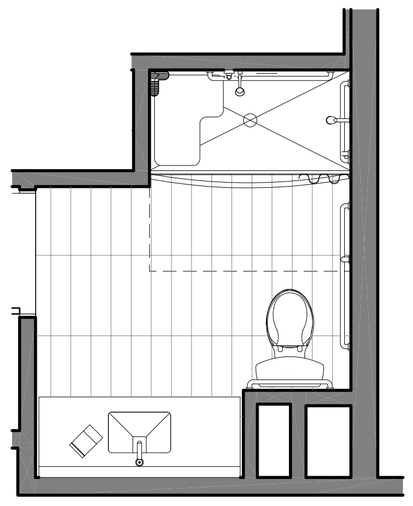
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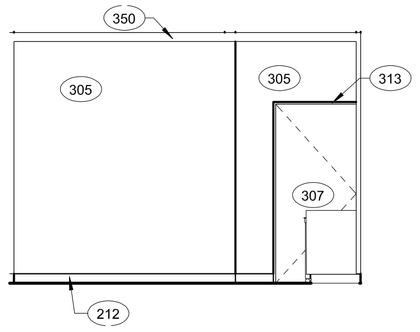
D ROOM ELEVATION
SCALE: 1/4" = 1'-0"



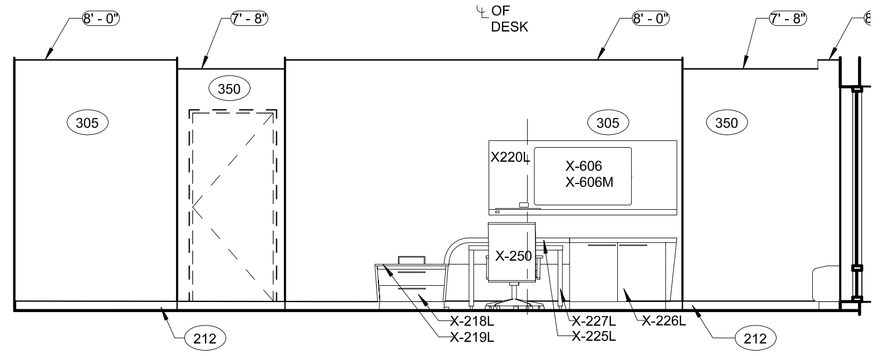
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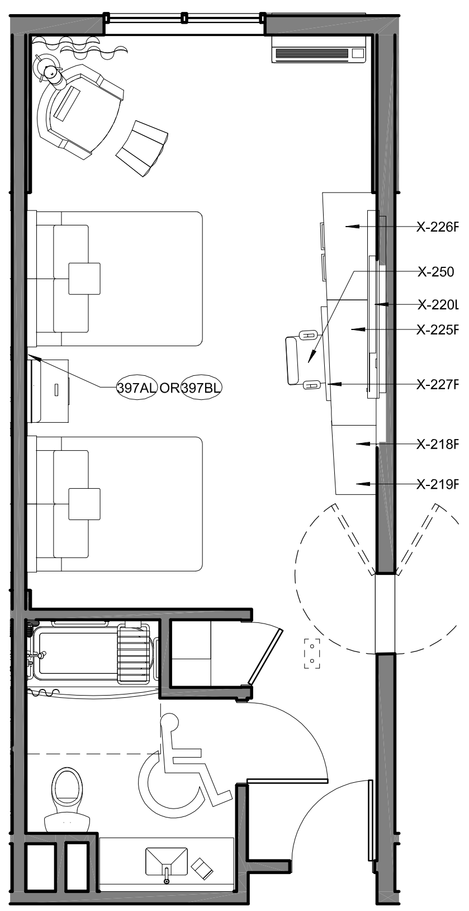
E BATHROOM PLAN - ROLL-IN SHWR (ALT)
SCALE: 3/8" = 1'-0"



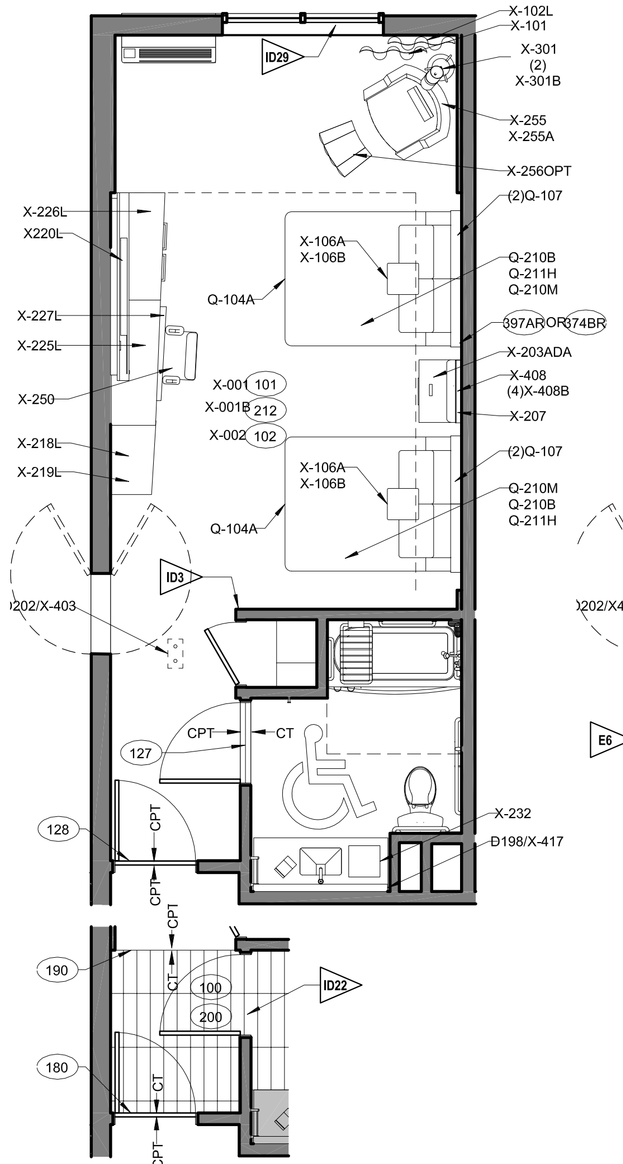
C ROOM ELEVATION
SCALE: 1/4" = 1'-0"



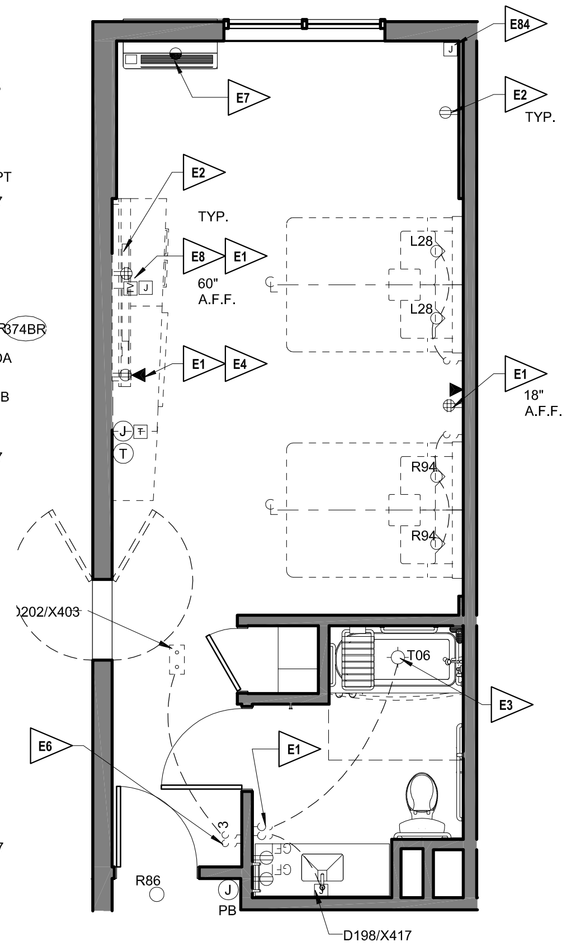
A ROOM ELEVATION
SCALE: 1/4" = 1'-0"



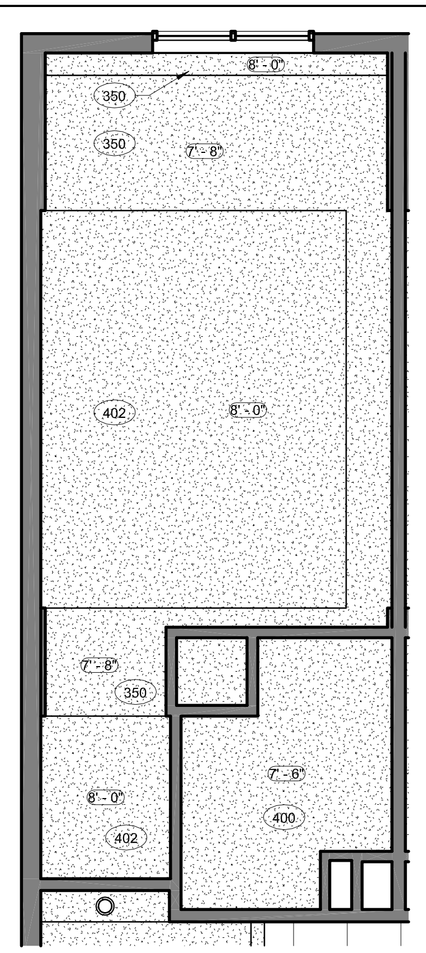
5 FURNITURE & FINISH PLAN (RIGHT)
SCALE: 1/4" = 1'-0"



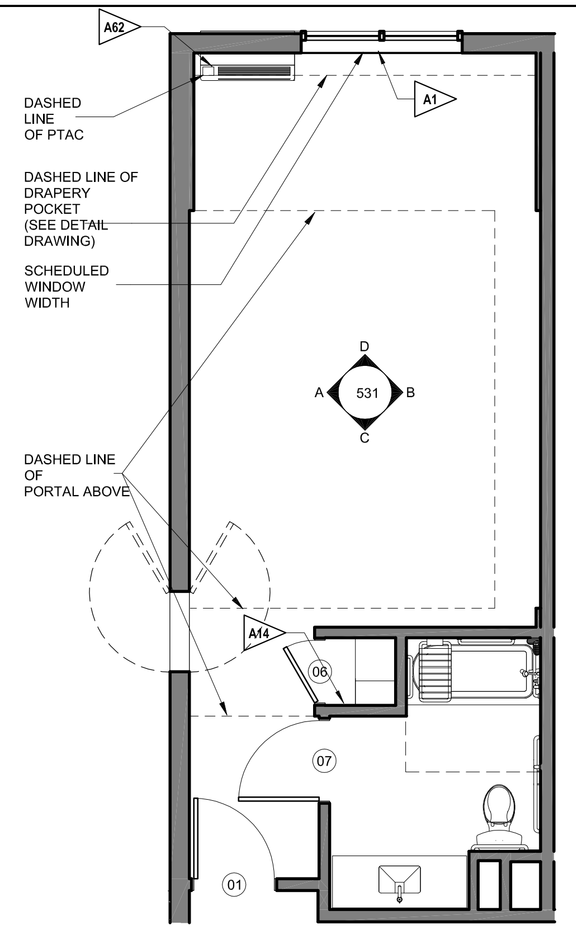
4 FURNITURE & FINISH PLAN (LEFT)
SCALE: 1/4" = 1'-0"



3 MECH/ ELEC/ PLUMB
SCALE: 1/4" = 1'-0"



2 RCP
SCALE: 1/4" = 1'-0"



1 ARCHITECTURAL
SCALE: 1/4" = 1'-0"

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ID22 NO TRANSITION STRIP. TILE IN ENTRY CONTINUES INTO BATHROOM.

ID29 PROVIDE MOTORIZED DRAPERY IN ACCESSIBLE ROOMS.

E0 ENGINEERING

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E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF BATHROOM.

E7 VERIFY THAT SLEEVE EXTENDS 8" TO 10" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.

E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING.

E84 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY IN ACCESSIBLE ROOMS.

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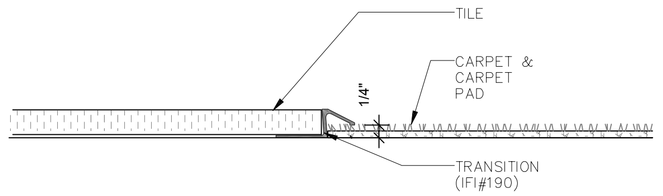
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ACCESSIBLE
QUEEN/QUEEN
GUESTROOM

PROJECT NAME

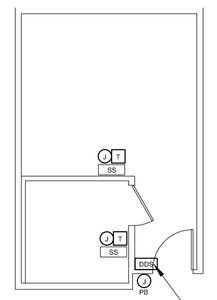
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4 TRANSITION @ GUESTROOM OPT. TILE ENTRY

SCALE: 6" = 1'-0"



ONE BEDROOM

LOCATE DOORBELL DISABLE SWITCH NEXT TO WELCOME LIGHT SWITCH - DO NOT GANG BOX. PROVIDE SEPARATE LABELED COVER PLATE (TYPICAL)

DEVICES FOR THE HEARING IMPAIRED

SYMBOL	DEVICE	NOTES
DB	BUTTON FOR DOOR SIGNAL	OUTSIDE DOOR ON STRIKE SIDE, +46" AFF TO ℄ FACTORY LABEL ON COVER PLATE
T	2-GANG BOX W/ TRANSFORMER FOR DOOR BELL	MOUNT TRANSFORMER IN SOFFIT OR CABINET AND PROVIDE ACCESS
DDS	DOORBELL DISABLE SWITCH	WALL BEHIND ENTRY DOOR, NEAR LIGHT SWITCH "DOORBELL DISABLE SWITCH" PLAQUE
SS	SMOKE STROBE, REMOTE	COMPATIBLE WITH SMOKE DETECTOR, BATHROOM +80" AFF "SMOKE" LABEL INTEGRAL TO DEVICE

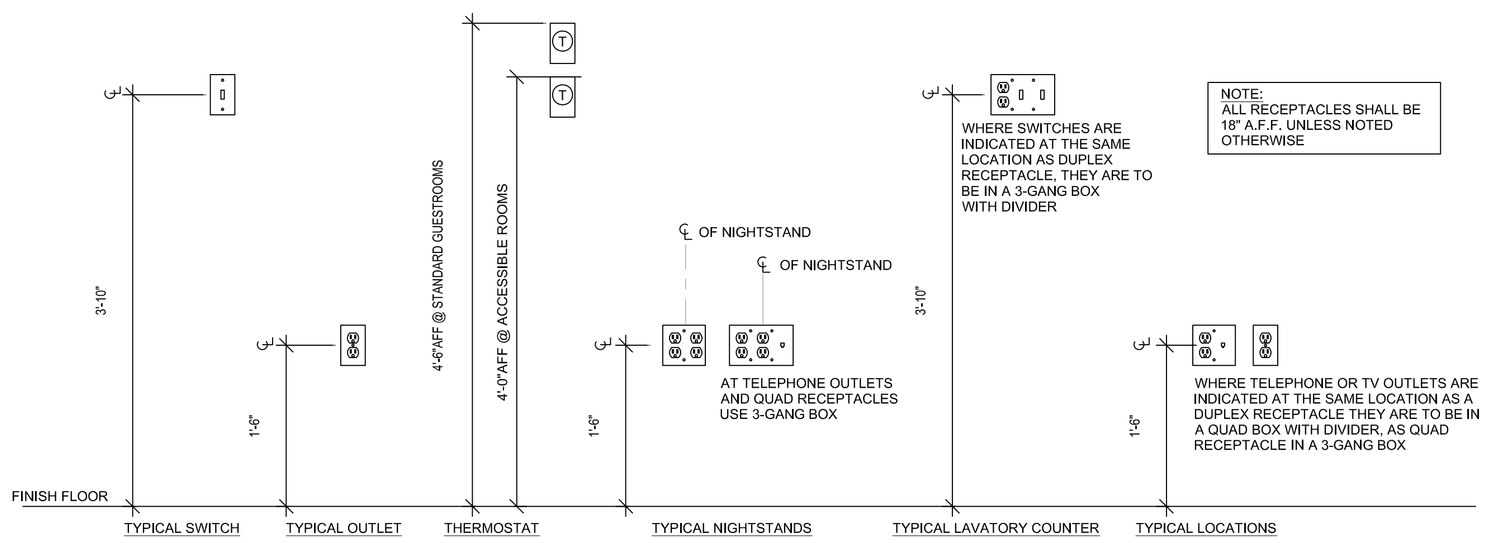
A. PLAN DIAGRAM SHOWS GENERAL CONFIGURATION OF DOORBELL DEVICES - DESIGNER TO MODIFY AS REQUIRED FOR ACTUAL GUESTROOM CONFIGURATION AND LOCAL REQUIREMENTS.

B. PLAQUES (EXCEPT AS NOTED): PROVIDE AS REQUIRED; PLAQUES SHALL BE BLACK PHENOLIC W/ 1/4" WHITE ENGRAVED LETTERS.

REQUIREMENTS ON QUANTITY AND DISPERSAL OF GUESTROOMS WITH FEATURES FOR THE HEARING IMPARIED TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS AND DETERMINED BY THE ARCHITECT OF RECORD. DOORBELL SPEC INCLUDED IN THE PROJECT MANUAL MASTER.

2 HEARING IMPAIRED DEVICES DIAGRAM

SCALE: 1/8" = 1'-0"



1 TYP. GUESTROOM ELECTRICAL OUTLET HEIGHTS

SCALE: 1" = 1'-0"

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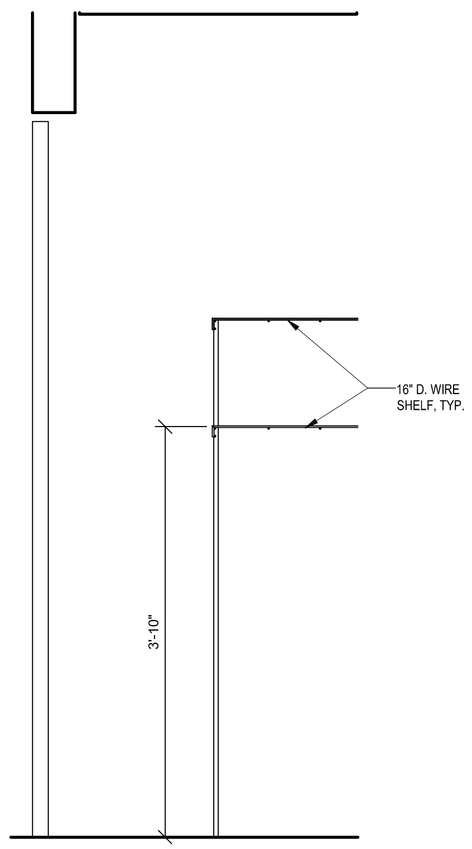
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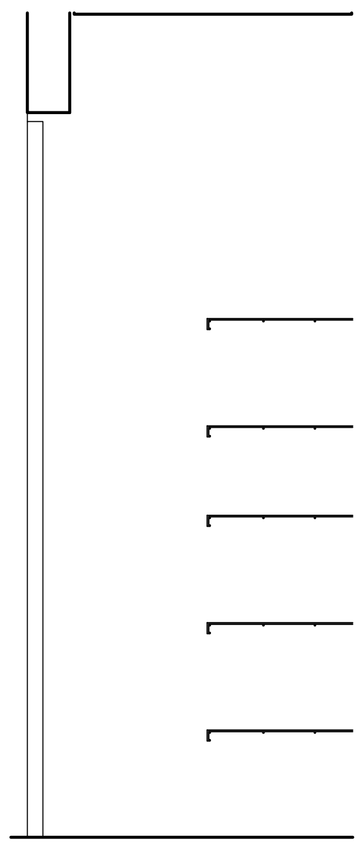
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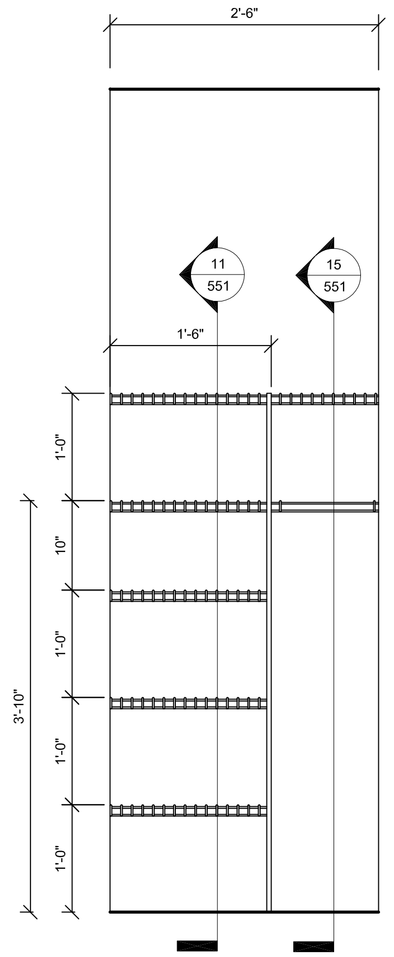
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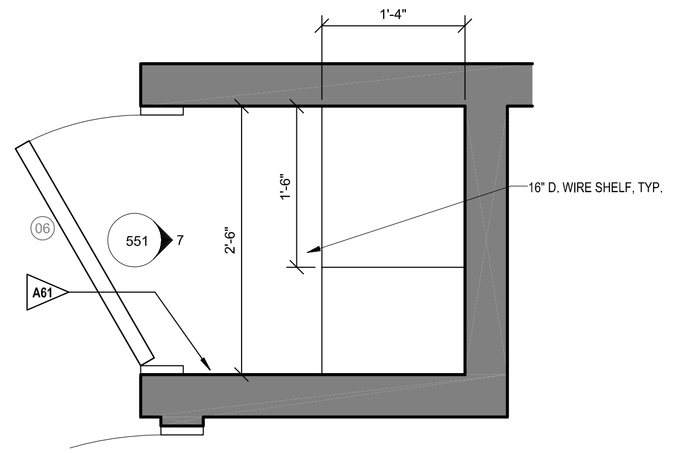
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SCALE: 1" = 1'-0"



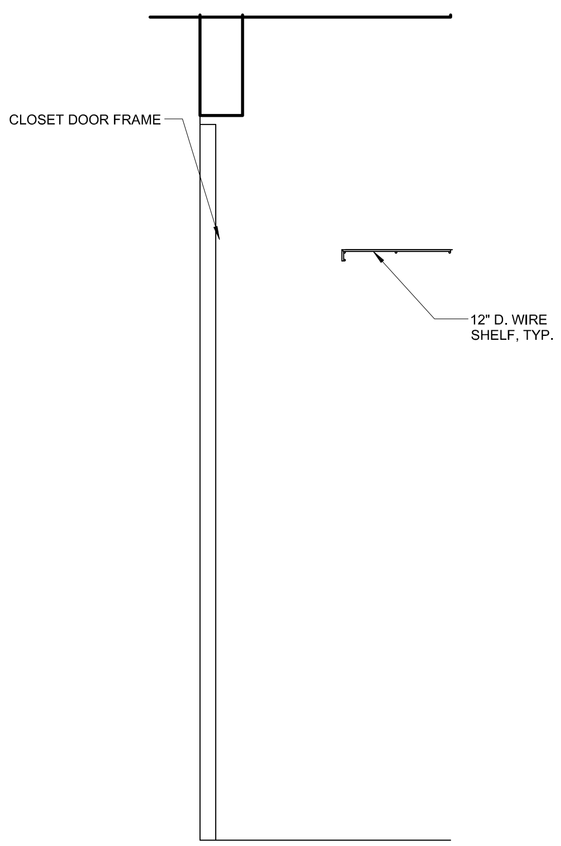
11 ACCESSIBLE CLOSET SECTION
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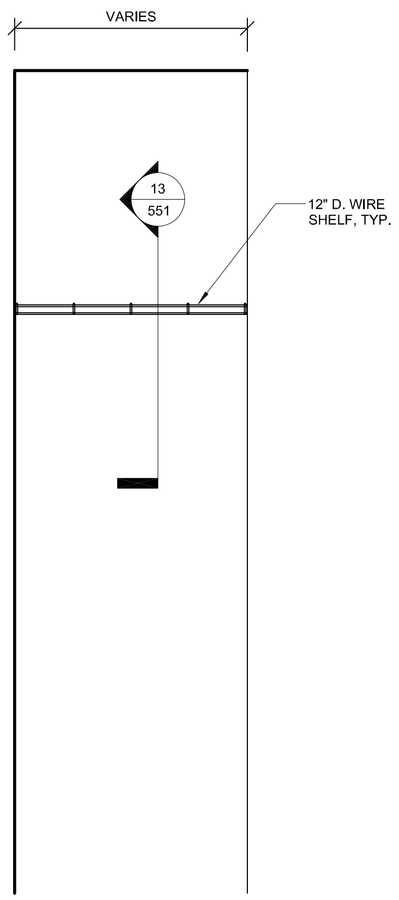
7 ACCESSIBLE CLOSET ELEVATION
SCALE: 1" = 1'-0"



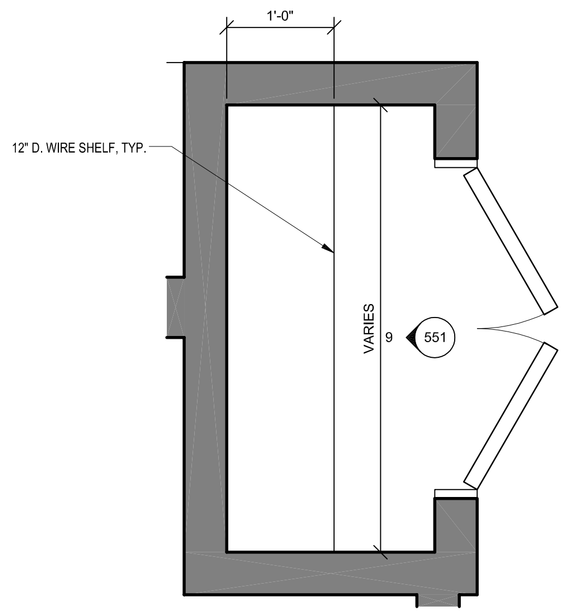
3 ACCESSIBLE GR CLOSET PLAN
SCALE: 1" = 1'-0"



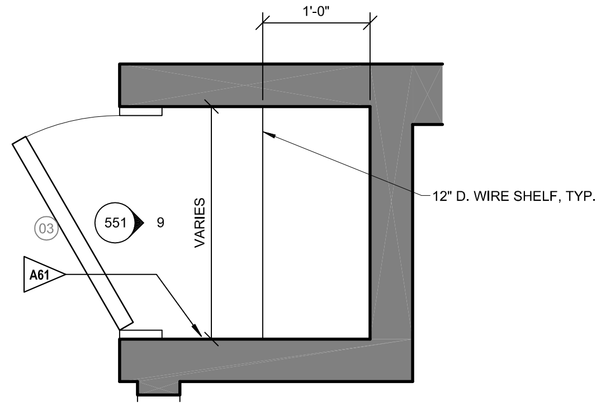
13 CLOSET SECTION
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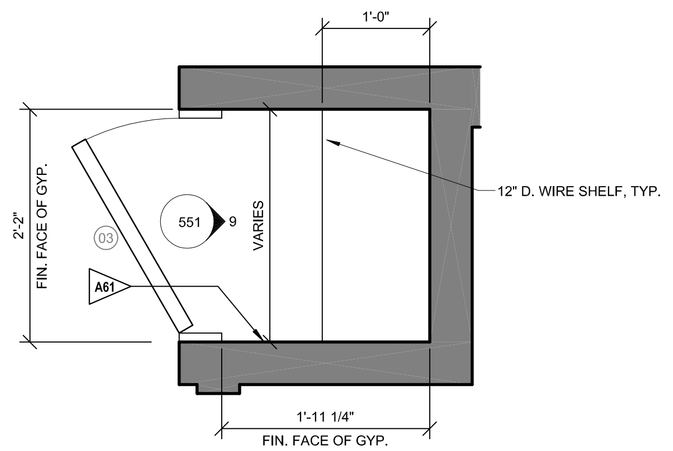
9 CLOSET ELEVATION
SCALE: 1" = 1'-0"



5 KING SUITE CLOSET
SCALE: 1" = 1'-0"



2 KING CLOSET PLAN
SCALE: 1" = 1'-0"



1 QUEEN/QUEEN CLOSET PLAN
SCALE: 1" = 1'-0"

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. SEE PROJECT MANUAL MASTER, FOR CLOSET SHELVING REQUIREMENTS.

CRITERIA NOTES

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A6 ARCHITECTURE:

A61 IRONING BOARD MOUNTED INSIDE CLOSET. PROVIDE BLOCKING AS REQUIRED

SYMBOLS

(D) DOOR TYPE

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
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COURTYARD® Marriott®

REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

GUESTROOM
CLOSET DETAILS

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE

DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-551

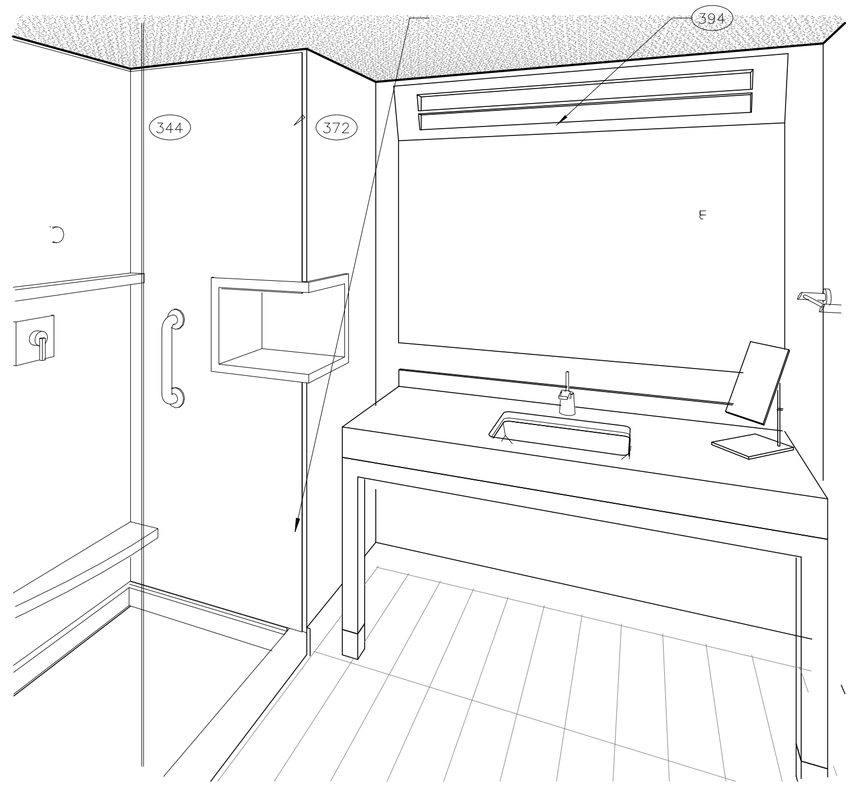
PAGE NUMBER 86

FLORIDA REG.: AR0007005

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8 **PERSPECTIVE - SHOWER STD**
NO SCALE



3 **PERSPECTIVE - SHOWER STD**
NO SCALE

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A. WRAP DRAINAGE AND SUPPLY PIPES WITH INSULATING MATERIAL.

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A0 **ARCHITECTURAL**

A6 PROVIDE BLOCKING FOR ACCESSORIES INCLUDING (BUT NOT LIMITED TO) GRAB BARS, SHELF AND FOOTREST, TOWEL RACKS, ETC.

A7 RUN TILES TO CEILING & SCRIBE.

A8 PROVIDE BLOCKING IN CEILING FOR FIXED SHOWER PANEL.

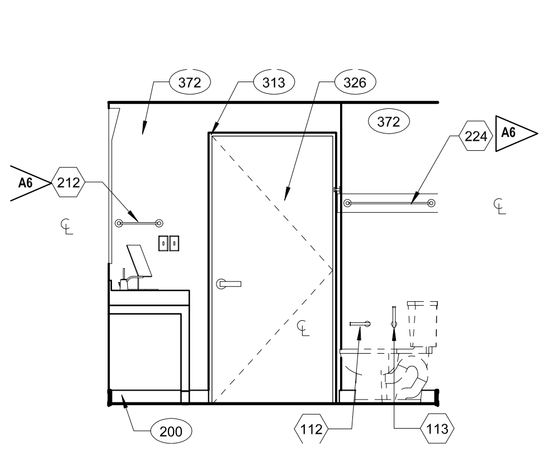
ID0 **INTERIOR DESIGN**

ID5 ATTACH ROBE HOOK TO GLASS PANEL.

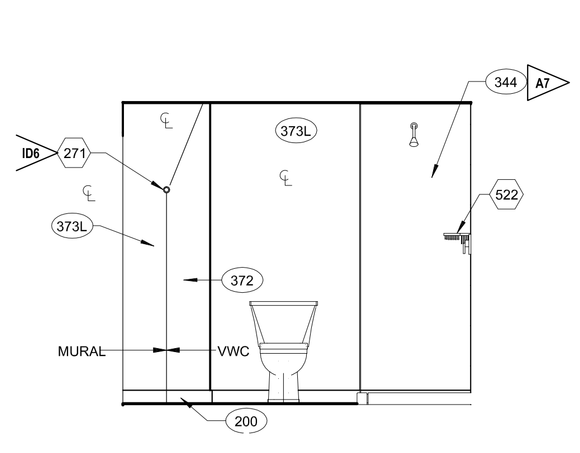
ID6 COORDINATE LOCATION OF GRAPHIC WALL MURAL WITH ROBE HOOK LOCATION. REFER TO INTERIOR DESIGN SPECIFICATION MANUAL FOR INSTALLATION GUIDELINES.

ID21 PAINT GUESTROOM BATHROOM CEILING

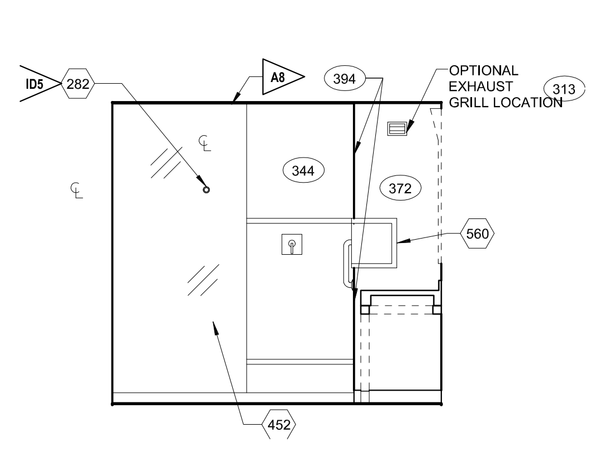
ID26 LISTELLO (DECORATIVE BAND). REFER TO PMM FOR SPECIFICATION.



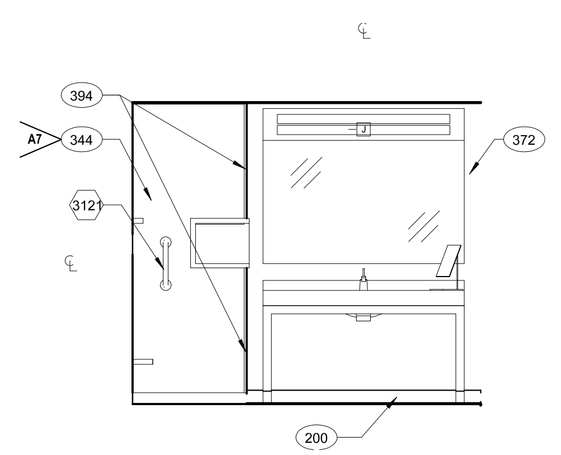
14 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



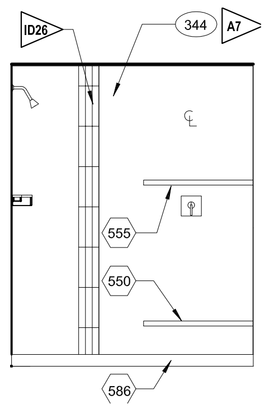
10 **BATHROOM ELEV (LEFT)**
SCALE: 3/8" = 1'-0"



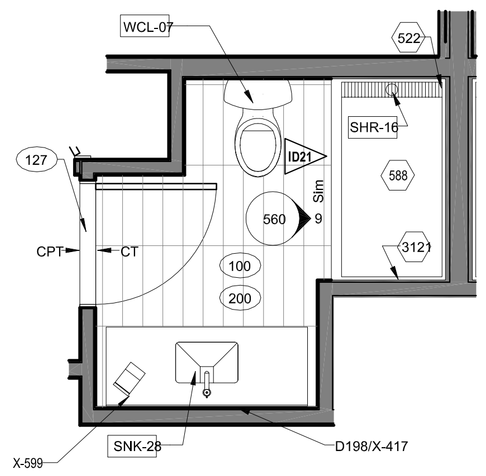
6 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



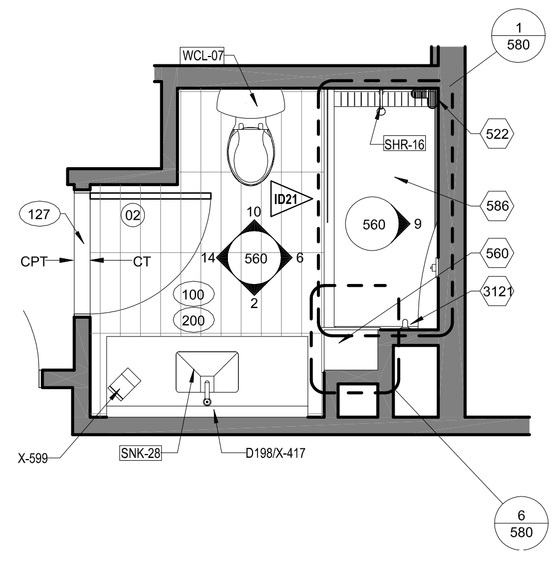
2 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



9 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



5 **KING MOD PLAN -SHOWER**
SCALE: 3/8" = 1'-0"



1 **STANDARD ROOM & SUITE PLAN - SHOWER**
SCALE: 3/8" = 1'-0"

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
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P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

STANDARD
ROOM & SUITE
BATHROOM
LAYOUT
(SHOWER)

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

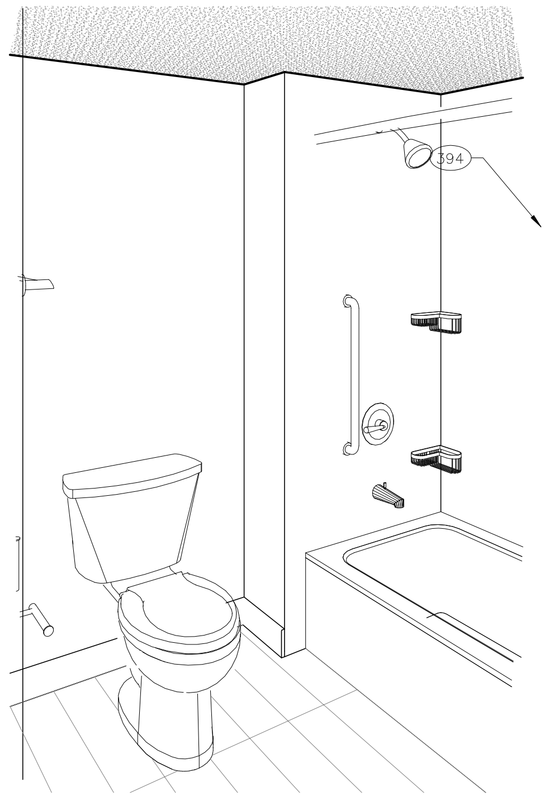
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-560

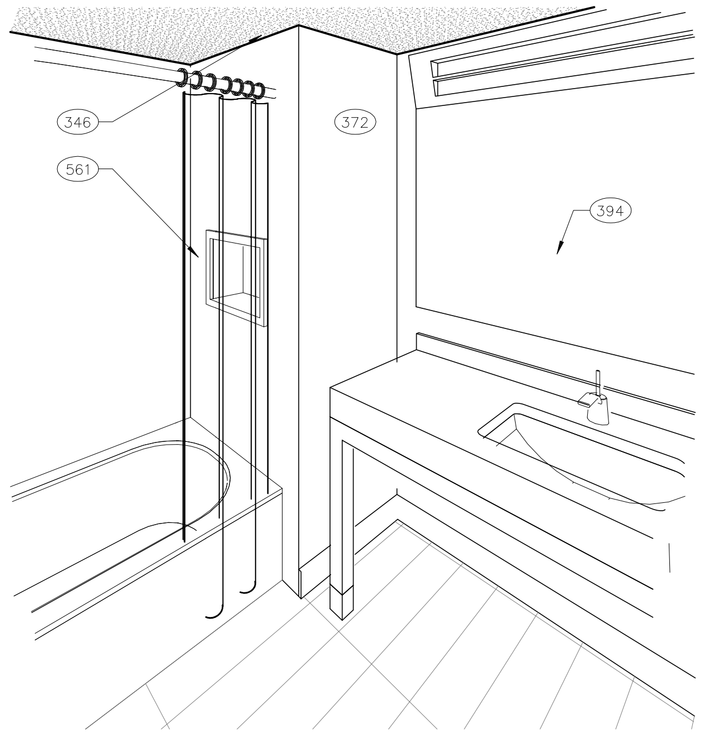
PAGE NUMBER 87

FLORIDA REG.: AR0007005

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11 PERSPECTIVE - TUB
NO SCALE



3 PERSPECTIVE - TUB
NO SCALE

REFERENCE NOTES

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A0 ARCHITECTURAL

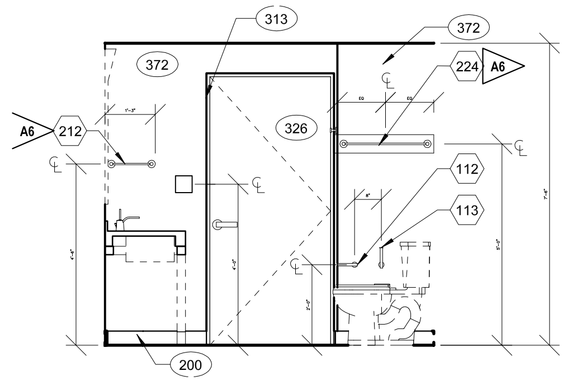
A6 PROVIDE BLOCKING FOR ACCESSORIES INCLUDING (BUT NOT LIMITED TO) GRAB BARS, SHELF AND FOOTREST, TOWEL RACKS, ETC.

A7 RUN TILES TO CEILING & SCRIBE.

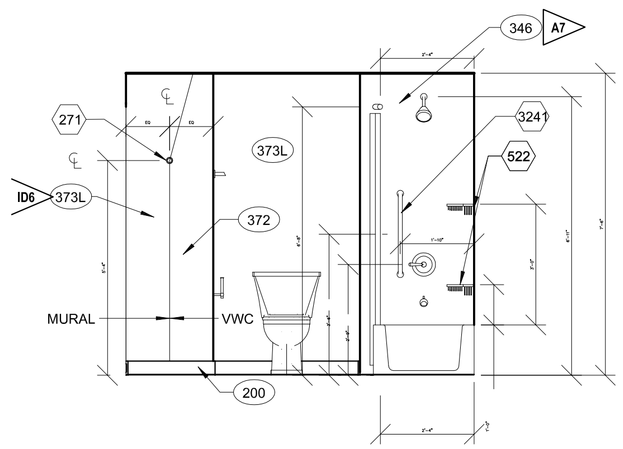
ID0 INTERIOR DESIGN

ID6 COORDINATE LOCATION OF GRAPHIC WALL MURAL WITH ROBE HOOK LOCATION. REFER TO INTERIOR DESIGN SPECIFICATION MANUAL FOR INSTALLATION GUIDELINES.

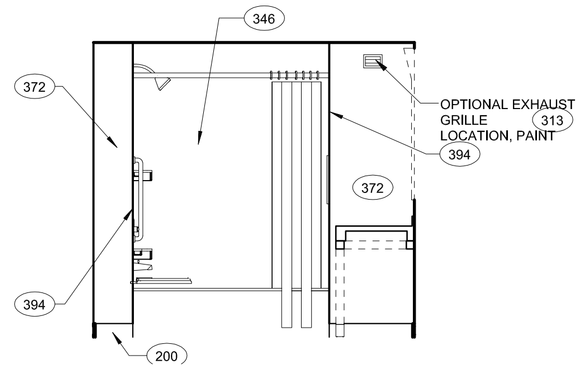
ID21 PAINT GUESTROOM BATHROOM CEILING



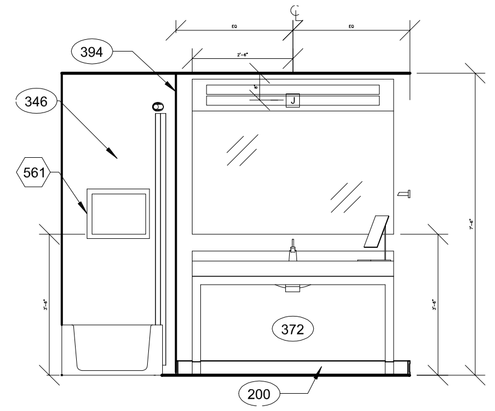
14 BATHROOM ELEV
SCALE: 3/8" = 1'-0"



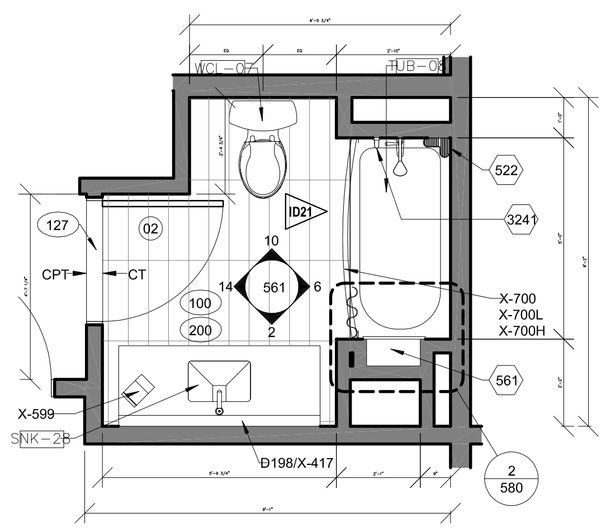
10 BATHROOM ELEV
SCALE: 3/8" = 1'-0"



6 BATHROOM ELEV
SCALE: 3/8" = 1'-0"



2 BATHROOM ELEV
SCALE: 3/8" = 1'-0"



1 STANDARD ROOM & SUITE PLAN - TUB
SCALE: 3/8" = 1'-0"

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

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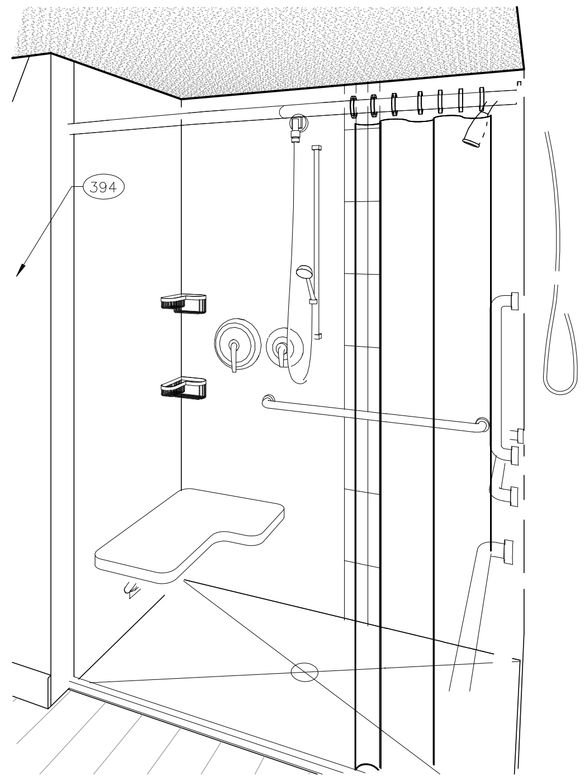
DRAWING NAME

STANDARD
ROOM & SUITE
BATHROOM
LAYOUT (TUB)

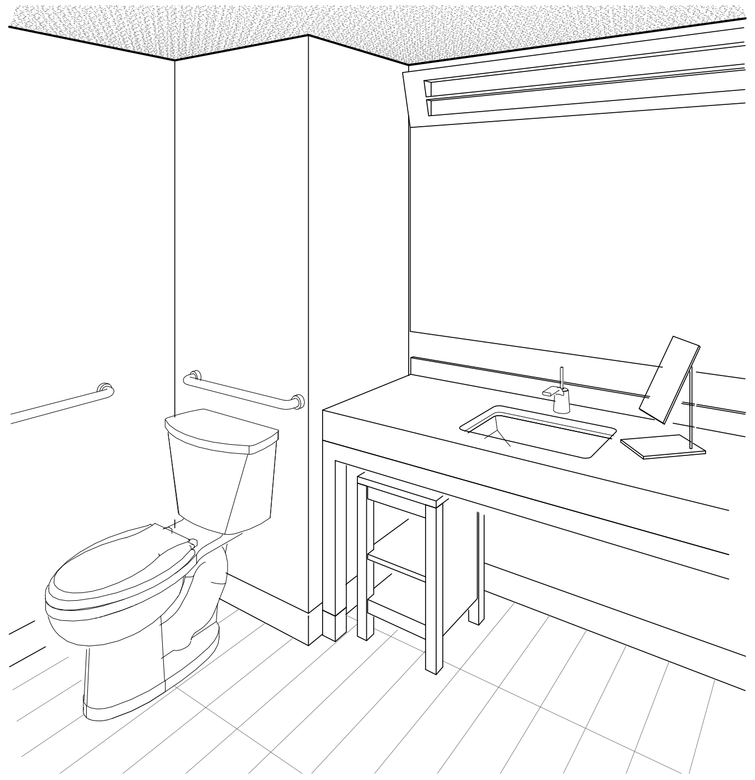
PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-561
	PAGE NUMBER 88
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



11 **PERSPECTIVE - ACC SHOWER**
NO SCALE



3 **PERSPECTIVE - ACC SHOWER**
NO SCALE

REFERENCE NOTES

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A0 **ARCHITECTURAL**

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A7 RUN TILES TO CEILING & SCRIBE.

A9 TYPICALLY 36"W GRAB BAR REQUITED BEHIND WATER CLOSET. AT CONDITIONS WHERE VANITY WOULD INTERFERE WITH PLACEMENT OF 36"W GRAB BAR PROVIDE 24"W GRAB BAR AS SHOWN. 24"W GRAB BAR ALLOWED PER EXCEPTION IN CODE.

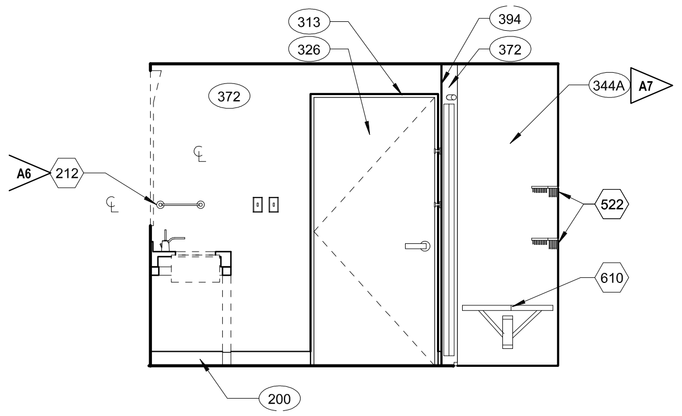
ID0 **INTERIOR DESIGN**

ID4 INSTALL STRAIGHT SHOWER CURTAIN ROD AT THIS OPTION.

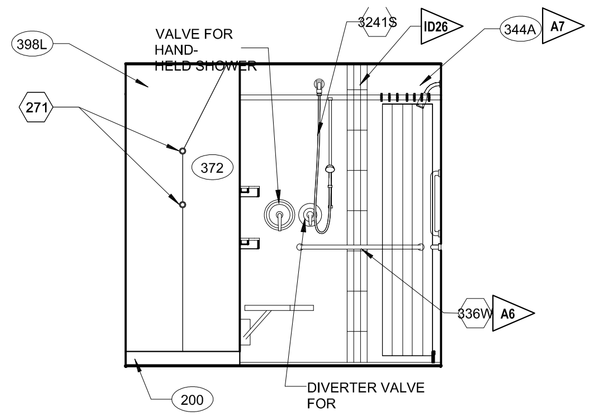
ID7 FOR TILED ROLL-IN SHOWER USE DIFFERENT SIZE FLOOR TILE. SEE IFI FOR SPECIFICATIONS.

ID21 PAINT GUESTROOM BATHROOM CEILING

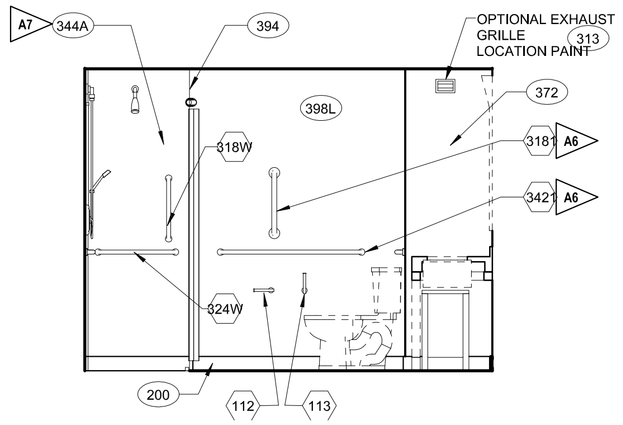
ID26 LISTELLO (DECORATIVE BAND). REFER TO PMM FOR SPECIFICATION.



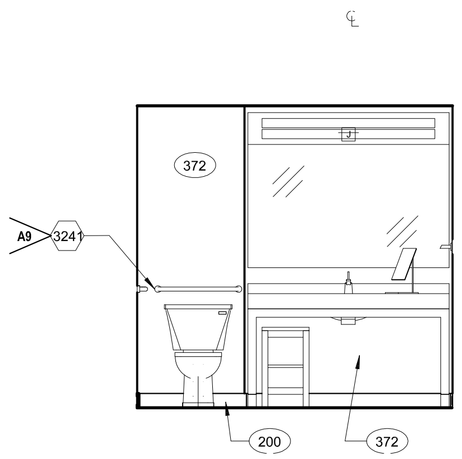
14 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



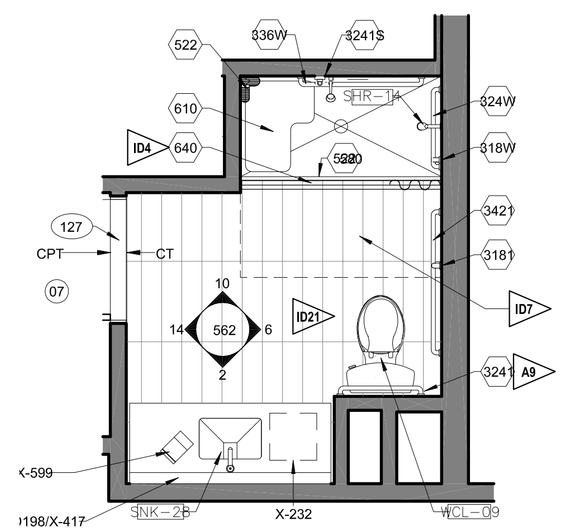
10 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



6 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



2 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



1 **ACCESSIBLE PLAN - SHOWER**
SCALE: 3/8" = 1'-0"

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
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ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

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10244 E COLONIAL DR, SUITE202
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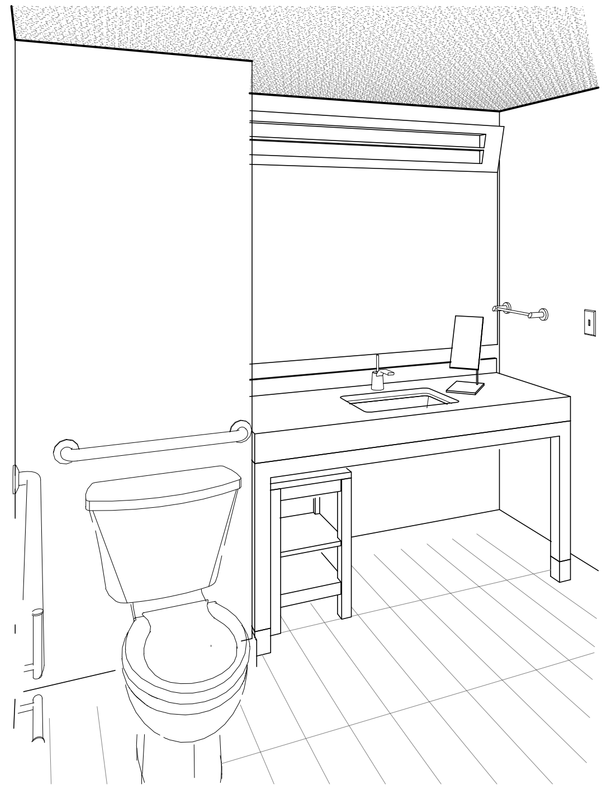
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ACCESSIBLE
ROOM
BATHROOM
LAYOUT
(ROLL-IN-SHOWER)

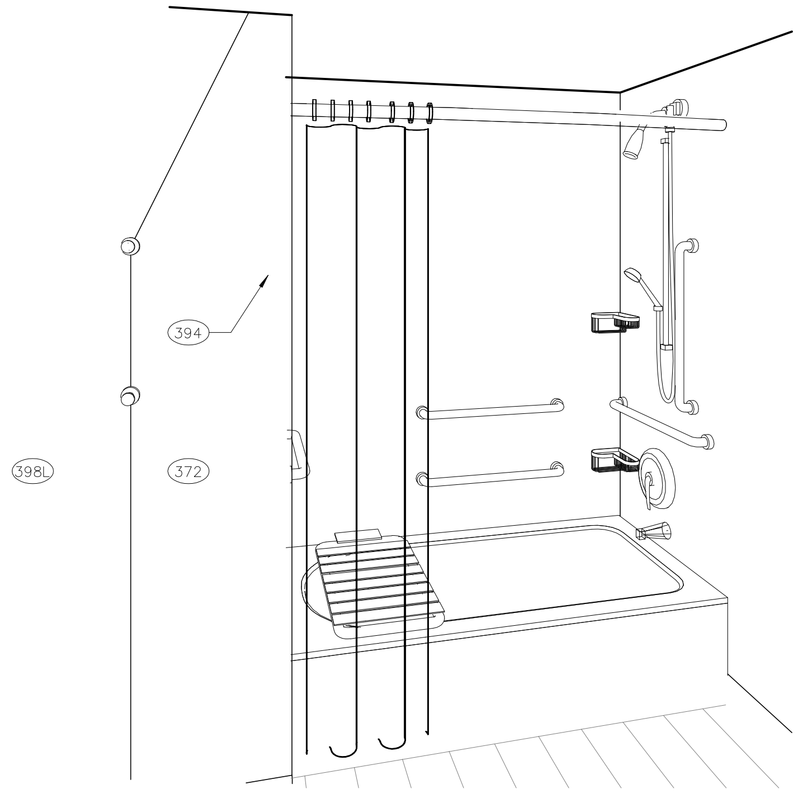
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SEAL+SIGNATURE	DATE 07 DEC 2021
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	PAGE NUMBER 89
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11 **PERSPECTIVE - ACC TUB**
NO SCALE



3 **PERSPECTIVE - ACC TUB**
NO SCALE

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

GENERAL NOTES

A. WRAP DRAINAGE AND SUPPLY PIPES WITH INSULATING MATERIAL.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES W/ ALL CRITERIA NOTES.

A0 ARCHITECTURAL

A6 PROVIDE BLOCKING FOR ACCESSORIES INCLUDING (BUT NOT LIMITED TO) GRAB BARS, SHELF AND FOOTREST, TOWEL RACKS, ETC.

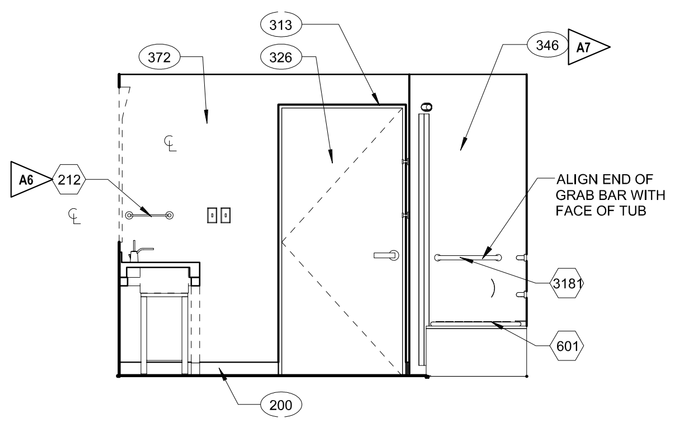
A7 RUN TILES TO CEILING & SCRIBE.

A9 TYPICALLY 36"W GRAB BAR REQUITED BEHIND WATER CLOSET. AT CONDITIONS WHERE VANITY WOULD INTERFERE WITH PLACEMENT OF 36"W GRAB BAR PROVIDE 24"W GRAB BAR AS SHOWN. 24"W GRAB BAR ALLOWED PER EXCEPTION IN CODE.

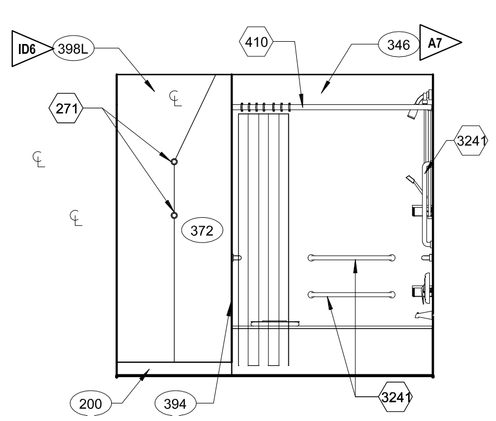
ID0 INTERIOR DESIGN

ID6 COORDINATE LOCATION OF GRAPHIC WALL MURAL WITH ROBE HOOK LOCATION. REFER TO INTERIOR DESIGN SPECIFICATION MANUAL FOR INSTALLATION GUIDELINES.

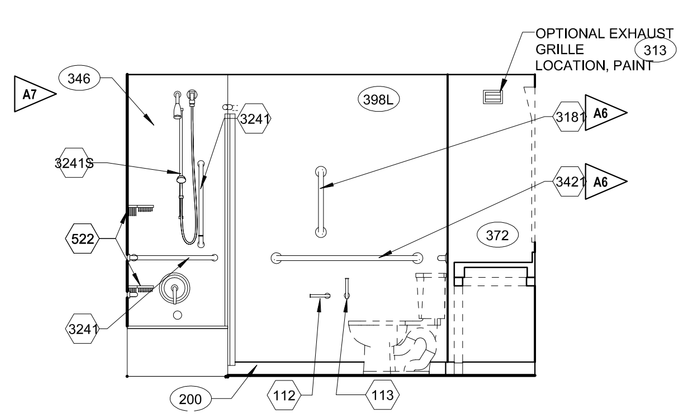
ID21 PAINT GUESTROOM BATHROOM CEILING



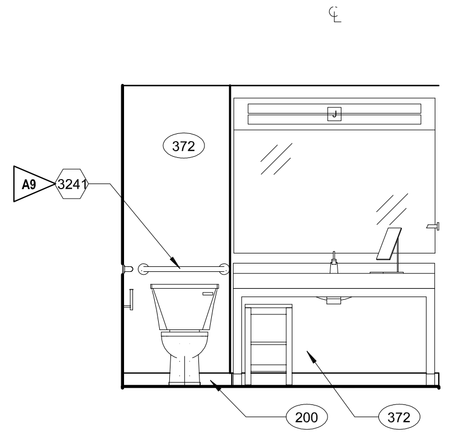
14 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



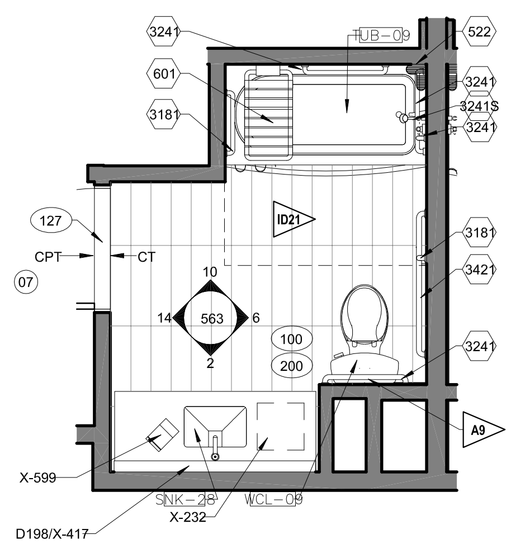
10 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



6 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



2 **BATHROOM ELEV**
SCALE: 3/8" = 1'-0"



1 **ACCESSIBLE ROOM & SUITE PLAN - TUB**
SCALE: 3/8" = 1'-0"

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

ACCESSIBLE ROOM & SUITE BATHROOM LAYOUT (TUB)

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-563
	PAGE NUMBER 90
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "EMPLOYEE AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. SEE CRITERIA PLUMBING PLAN FOR FURTHER INFORMATION REGARDING PLUMBING.

CRITERIA NOTES

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A0 ARCHITECTURE:

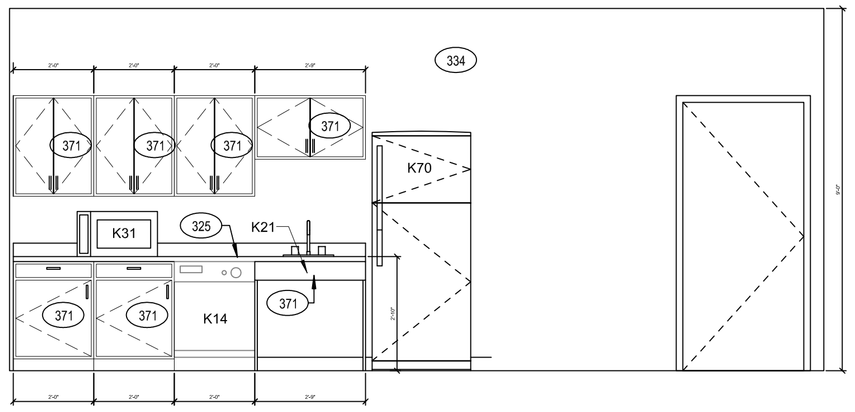
A6 PROVIDE BLOCKING FOR ACCESSORIES INCLUDING (BUT NOT LIMITED TO) GRAB BARS, SHELF AND FOOTREST, TOWEL RACKS, ETC.

A38 LOCKERS: PROVIDE AT LEAST ONE ACCESSIBLE LOCKER (5) WITH A SHELF BETWEEN 15" & 48" AFF.

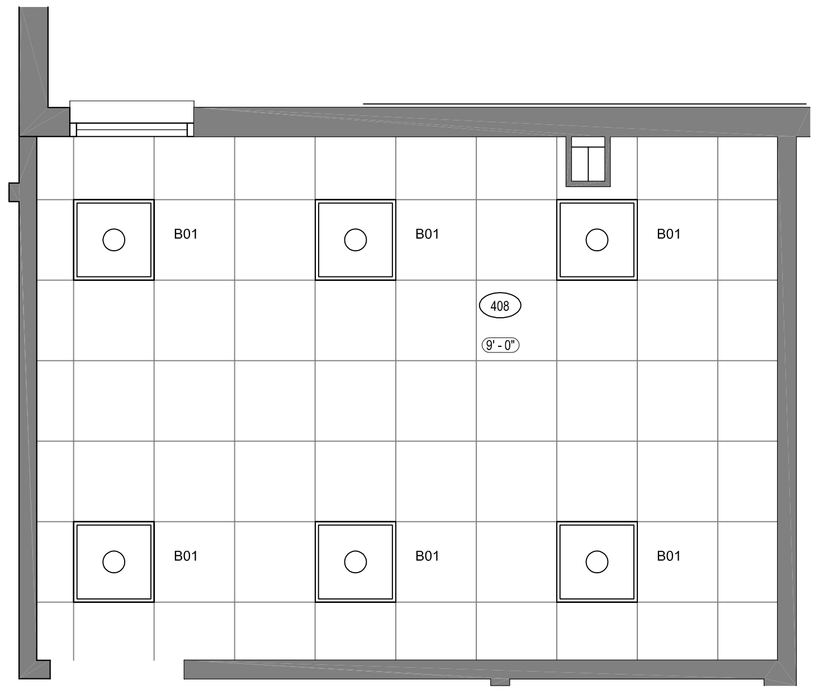
A76 REFER TO SHEET 430-OPT FOR OPTIONAL CORRIDOR CONFIGURATION FOR ACCESS TO OPTIONAL OUTDOOR POOL

E0 ENGINEERING:

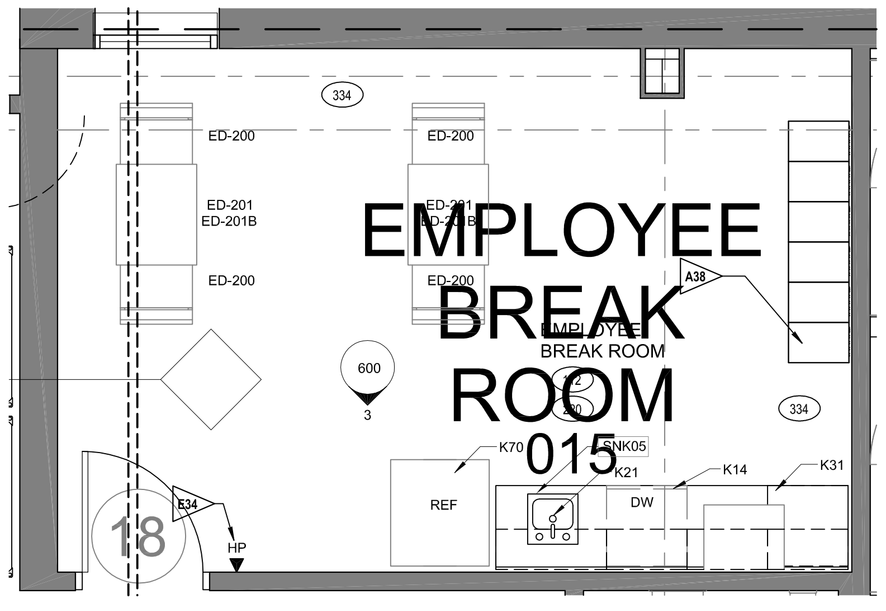
E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O., 44" AFF (TYPICAL)



3 EMPLOYEE BREAK ROOM ELEVATION
SCALE: 3/8" = 1'-0"



9 EMPLOYEE BREAK ROOM RCP
SCALE: 3/8" = 1'-0" referenced from: 205



1 EMPLOYEE BREAK ROOM PLAN
SCALE: 3/8" = 1'-0" referenced from: 200

NICHOLAS PAUL GEISLER
ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

EMPLOYEE BREAK ROOM

PROJECT NAME

COURTYARD INN,®
Lake City, Florida

SEAL+SIGNATURE

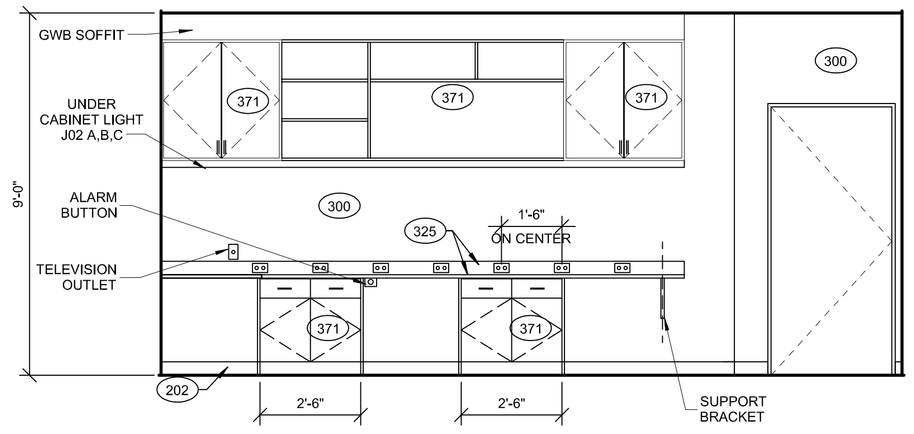
DATE 07 DEC 2021
PROJECT NUMBER 2K2101
DRAWING NUMBER
DECOR: XH

A-600

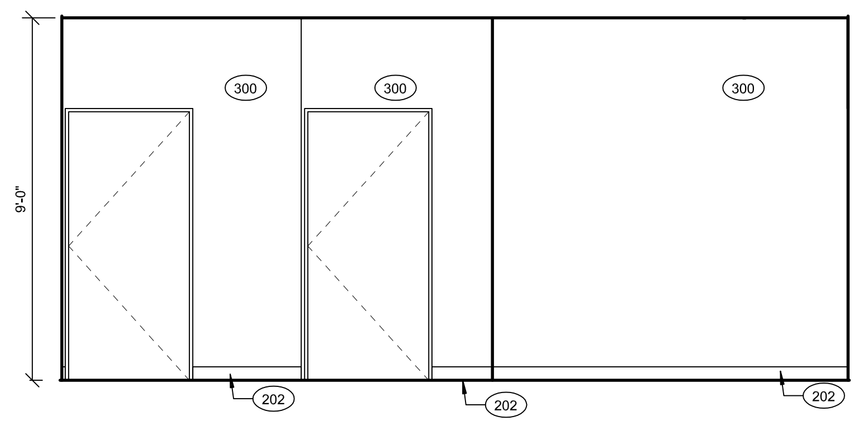
PAGE NUMBER 91

FLORIDA REG.: AR0007005

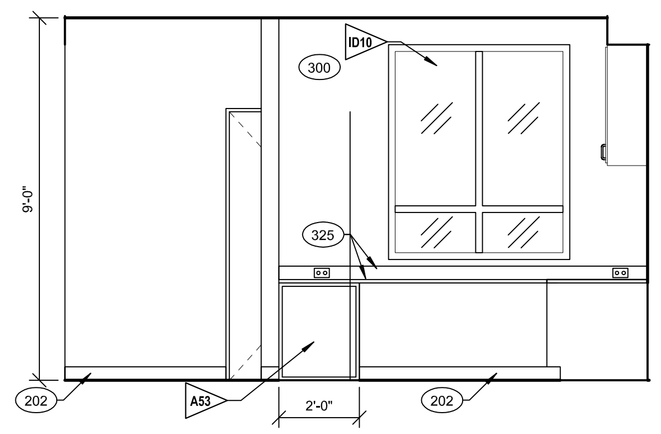
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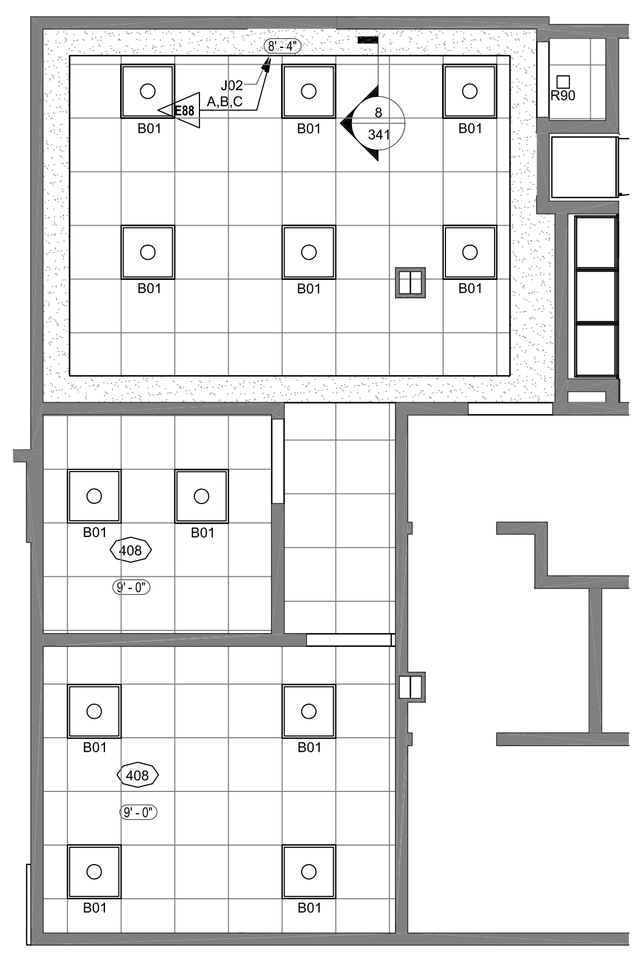
11 ADMIN AREA ELEVATION
SCALE: 3/8" = 1'-0"



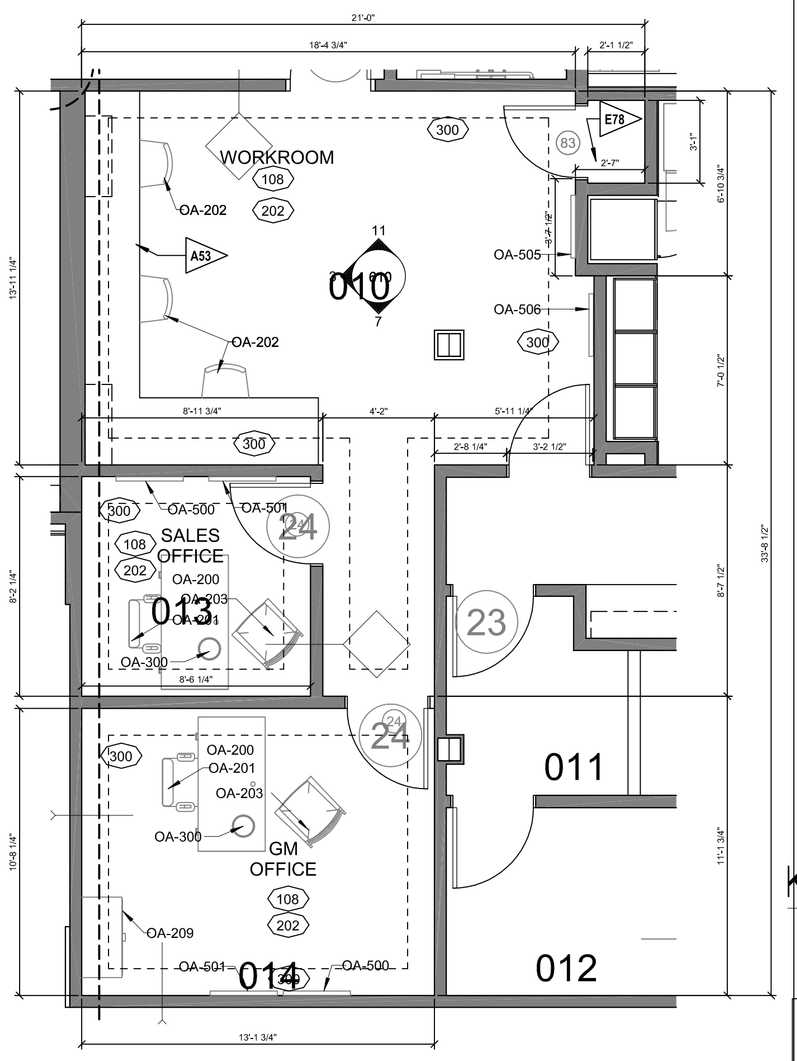
7 ADMIN AREA ELEVATION
SCALE: 3/8" = 1'-0"



3 ADMIN AREA ELEVATION
SCALE: 3/8" = 1'-0"



5 ADMIN AREA RCP
SCALE: 1/4" = 1'-0" referenced from: 205



1 ADMIN AREA PLAN
SCALE: 1/4" = 1'-0" referenced from: 200

KEY PLAN



4/23/2017 11:22:04 PM

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REFERENCE NOTES

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CRITERIA NOTES

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A0 ARCHITECTURAL

A53 EMPLOYEE DEPOSITORY SAFE

ID0 INTERIOR DESIGN

ID10 ROLLER SHADE, PROVIDED BY GC. REFER TO WINDOW TREATMENT & ACCESSORIES PACKAGE FOR SPECIFICATION

E0 ENGINEERING

E78 PROVIDE POWER, DATA, AND VENTING FOR GOBOARD COMPUTER

E88 UNDER CABINET LIGHT

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1758 NW Brown Road
Lake City, FL 32055
386/365-4355

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OWNER

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LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
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GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
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MEP ENGINEER

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17047 EL CAMINO REAL, SUITE 211,
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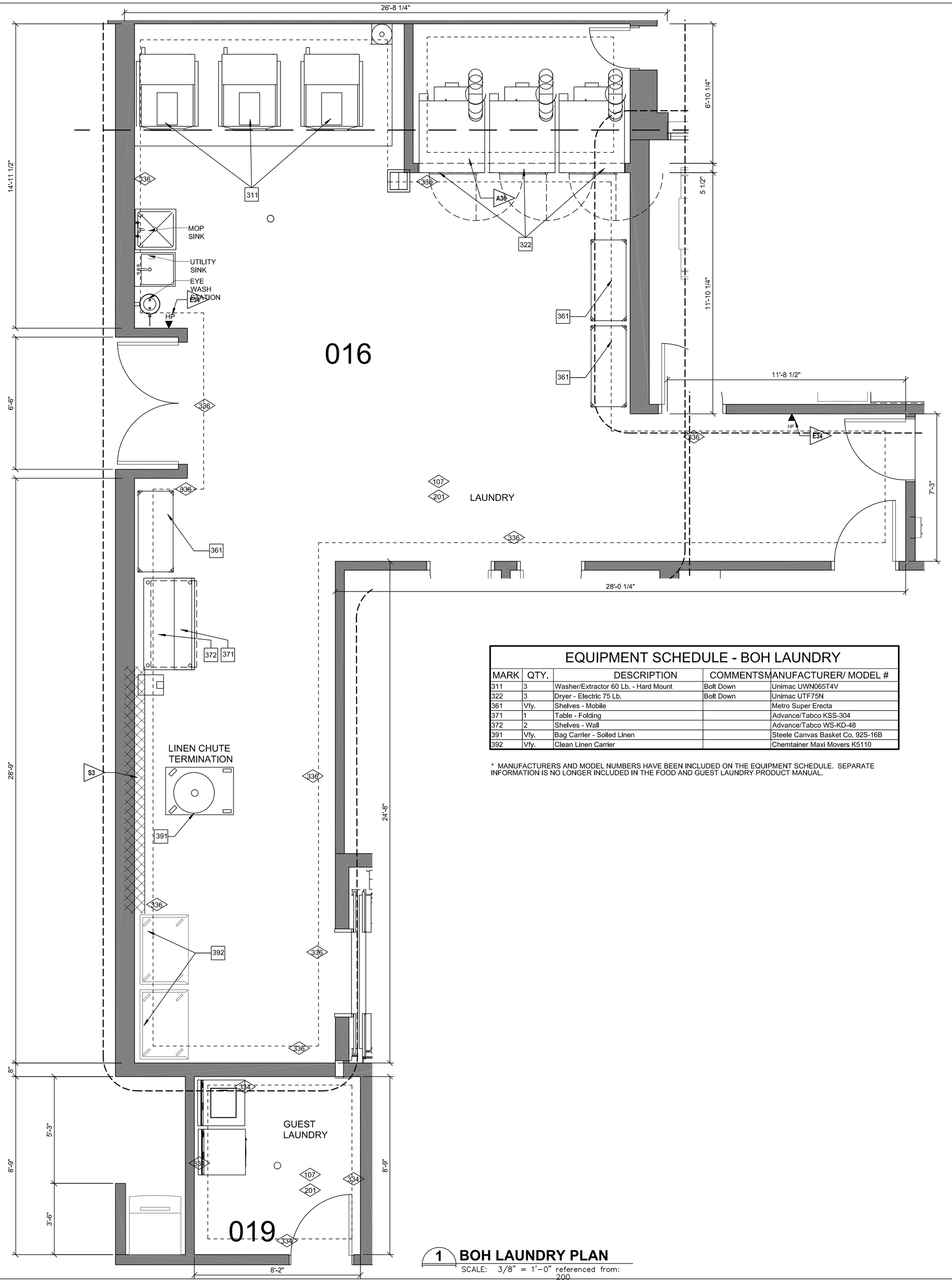
DRAWING NAME

ADMINISTRATION AREA

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-610
	PAGE NUMBER 92
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



EQUIPMENT SCHEDULE - BOH LAUNDRY

MARK	QTY.	DESCRIPTION	COMMENTS	MANUFACTURER/ MODEL #
311	3	Washer/Extractor 60 Lb. - Hard Mount	Bolt Down	Unimac UWN065T4V
322	3	Dryer - Electric 75 Lb.	Bolt Down	Unimac UTF75N
361	Vfy.	Shelves - Mobile		Metro Super Erecta
371	1	Table - Folding		Advance/Tabco KSS-304
372	2	Shelves - Wall		Advance/Tabco WS-KD-48
391	Vfy.	Bag Carrier - Solled Linen		Steele Canvas Basket Co. 92S-16B
392	Vfy.	Clean Linen Carrier		Chemtainer Maxi Movers K5110

* MANUFACTURERS AND MODEL NUMBERS HAVE BEEN INCLUDED ON THE EQUIPMENT SCHEDULE. SEPARATE INFORMATION IS NO LONGER INCLUDED IN THE FOOD AND GUEST LAUNDRY PRODUCT MANUAL.

1 BOH LAUNDRY PLAN
SCALE: 3/8" = 1'-0" referenced from: 200

REFERENCE NOTES

A. REFER TO DESIGN STANDARDS "LAUNDRY BACK OF HOUSE" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS SHEET. ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.

B. REFER TO CRITERIA PLANS FOR PLUMBING EQUIPMENT MARK NUMBERS.

GENERAL NOTES

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2. GAS AND ELECTRICAL EQUIPMENT IS SHOWN IN THE EQUIPMENT SCHEDULE - EQUIPMENT INSTALLER TO VERIFY UTILITY AVAILABILITY AND PROVIDE PROPER EQUIPMENT.

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A0 ARCHITECTURAL

A36 PROVIDE ENCLOSURE AROUND DRYERS AFTER INSTALLATION WITH 1" CLEARANCE AT JAMB AND 1-1/2" ATHEAD

A37 RATED LINEN CHUTE. CONFIRM SHAFT CLEARANCES WITHCHUTE MANUF. DISCHARGE HATCH TO BE AUTO-CLOSING WITH FUSIBLE LINK ATTACHED TO SMOKE DETECTION SYSTEM

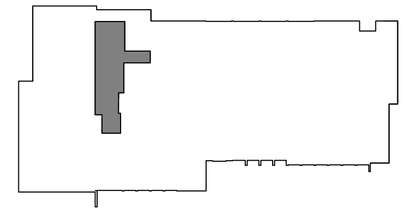
A83 NO PUBLIC ACCESS TO LAUNDRY ROOM FROM BACK ELEVATOR.

E34 LOCATE HOUSE PHONES 12" FROM DOOR U.N.O., 44" AFF (TYPICAL)

S0 STRUCTURAL

S3 12" THICKENED SLAB WITH TROUGH - TRENCH DRAIN W/ GRATE TO BE COORDINATED WITH EXTRACTOR REQUIREMENTS.

KEY PLAN



NICHOLAS PAUL GEISLER ARCHITECT
1758 NW Brown Road
Lake City, FL 32055
N.C.A.R.B. Certified 386/365-4355

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LAKE CITY, FLORIDA 32055
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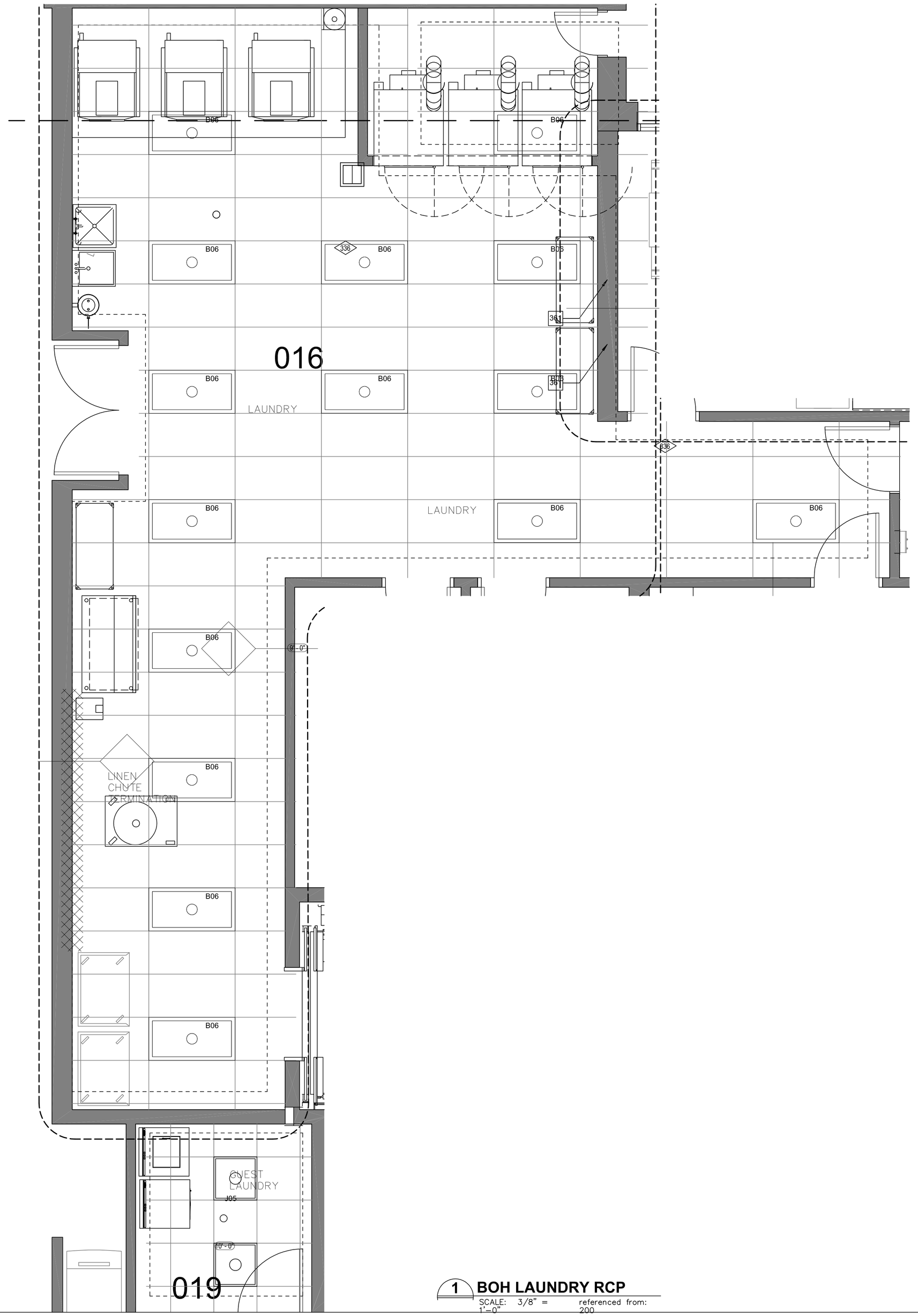
DRAWING NAME

BOH LAUNDRY & EQUIPMENT

PROJECT NAME

COURTYARD INN,°
Lake City, Florida

SEAL+SIGNATURE	DATE 07 DEC 2021
	PROJECT NUMBER 2K2101
	DRAWING NUMBER
	DECOR: XH
	A-620
	PAGE NUMBER 93
FLORIDA REG.: AR0007005	© N. P. GEISLER, ARCHITECT 2021



1 **BOH LAUNDRY RCP**
SCALE: 3/8" = 1'-0" referenced from: 200

REFERENCE NOTES

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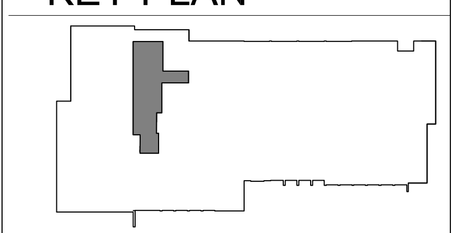
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S0 STRUCTURAL

S3 12" THICKENED SLAB WITH TROUGH - TRENCH DRAIN w/ GRATE TO BE COORDINATED WITH EXTRACTOR REQUIREMENTS.

KEY PLAN



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N.C.A.R.B. Certified
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Lake City, FL 32055
386/365-4355

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OWNER

MORPHEUS GROUP
404 NW HALL OF FAME DRIVE
LAKE CITY, FL 32055

CIVIL ENGINEER

CHRISTOPHER A. GMUER, PE
GMUER ENGINEERING, LLC
2603 NW 13TH ST BOX 314
GAINESVILLE, FL32609

ARCHITECT OF RECORD :

NICHOLAS PAUL GEISLER, ARCHITECT
AR0007005
LAKE CITTY, FLORIDA 32055
P: 386.365.4355
npgeisler47@gmail.com

STRUCTURAL ENGINEER

ASE ENGINEERING SERVICES, INC.
10244 E COLONIAL DR, SUITE202
ORLANDO, FLORIDA 32817
P: 407.677.5565
F: 407.730.2999
WWW.ASEIICORP.COM

MEP ENGINEER

MEP GREEN DESIGN & BUILD
17047 EL CAMINO REAL, SUITE 211,
HOUSTON, TX 77058
P: 281-786-1195
WWW.MEPGREENDESIGNS.COM

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REVISIONS

	30% SET	09.14.2018
	90% SET	11.20.2018

DRAWING NAME

BOH LAUNDRY RCP

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COURTYARD INN,°
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