

Custom Residential Design for:

# Javier Rodriguez

Columbia County, Florida

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REVISION:

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N.P. Gesler, Architect

DRAWN:  
mg

CUSTOM "CONTAINER" HOUSE FOR:  
**JAVIER RODRIGUEZ**  
COLUMBIA COUNTY, FLORIDA  
PROPOSED FLOOR PLAN

Celebrating  
48 Years of Service  
1972 - 2020  
N.P. Gesler, Architect  
ARCHITECT

**NICHOLAS  
PAUL  
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ARCHITECT**  
NICHOLAS, CERTIFIED  
17295 NW Brown Rd.  
Lake City, FL 32055  
386-505-4395

DATE:  
10 AUG 2020

COMM:  
2K2063

SHEET:  
C&I  
1 OF 1

AR0007005





- ① FINISH ROOFING AS SELECTED BY OWNER
- ② MTL. FLASHING ON 1X CYRESS FASCIA
- ③ PORCH BEAM - SEE PLANS FOR SIZE
- ④ FIBERGLASS ENTRY DOOR, STYLE SELECTED BY THE OWNER - PAINTED FINISH
- ⑤ EXPOSED STEEL CONEX V PRIMER & 2 COATS ALKYD ENAMEL - COLOR PER OWNER
- ⑥ P/T WOOD PORCH DECK, 1/ P/T WD. EDGE BAND & P/T WD. RAILING
- ⑦ SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- ⑧ P/T WOOD PORCH POSTS, PRIMED & PAINTED
- ⑨ CMU FOUNDATION PIERS- INISH AS DIRECTED BY OWNER



1. GLAZING IN SWINGING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (PARTIO) DOOR ASSEMBLIES.
2. GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS, MEASURED HORIZONTALLY, FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM), MEASURED VERTICALLY, ABOVE SUCH STANDING OR WALKING SURFACES.
3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH (610 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.

EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN GROUP R3 OR WITHIN DUELLING UNITS IN GROUP R2 SHALL BE SUBJECT TO 10204 FCSE 2405.21(4).

4. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
  - 4.1) EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ FT (0.84 M<sup>2</sup>).
  - 4.2) BOTTOM EDGE LESS THAN 10 INCHES (254 MM) ABOVE THE FLOOR.
  - 4.3) TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
  - 4.4) ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.

ELECTRICAL COMPUTATIONS

General Lighting/Receptacles @ 3w/sf  
6400 sf x 3w = 19200w  
Washer Circuit 15000w  
Dishwasher Circuit 15000w  
Sm. Appliance Circuits (3 @ 1500w) 45000w

Sub-Total 94200w  
1st 3kW @ 100% 30000w  
Bal. of KW @ 35% 19260w

Fixed Appliances:  
Refrigerator 12000w  
Clg. Fans (3 @ 300w) 9000w  
Water Well Pump 12000w  
INSTANT EWH 96000w  
Spares (8 @ 400w) 32000w

Sub-Total 161000w  
Load @ 75% D.F. 120750w

100% Demand Factor Loads:  
Dryer 50000w  
Range 80000w  
HVAC System (15T Heat Pump) 18000w

Total Demand Load: 318010w

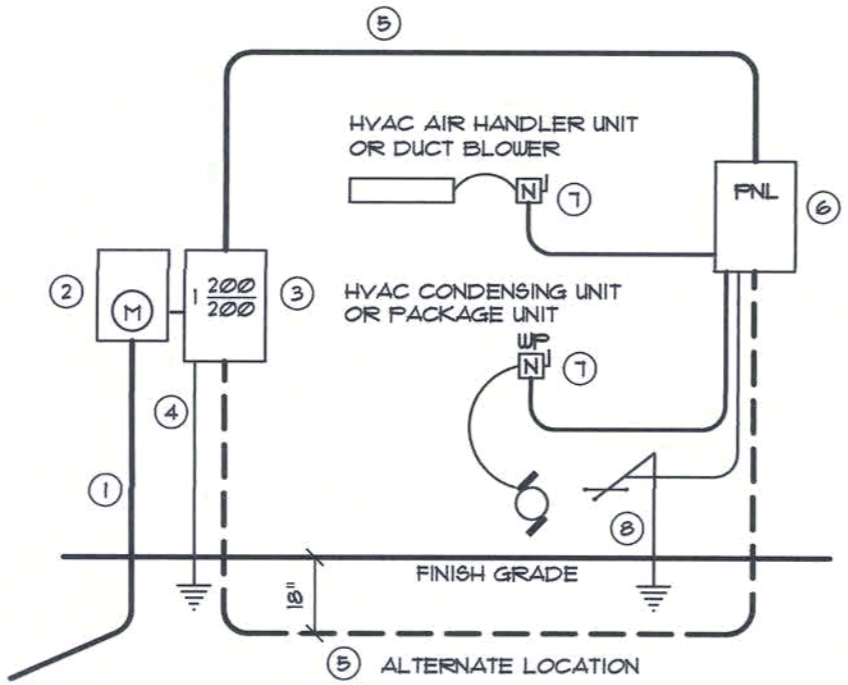
FEEDER SIZE: 318010w / 240v = 1325 amperes  
USE: 2 #2 THW Cu, 1 #1 THW Cu Neut. w/ 1 #1 Cu GND / 2 1/2" C

PANEL SCHEDULE

PANEL "L": 200A - MLO - 120/240V - 1φ - 4 WIRE  
40 SLOT - FLUSH MOUNT

Cir. Nr.	Location	Trip Poles	Wire Size	Load
1-4	Lighting/Recept.	15A/1P	14TW	1920w
5	Dishwasher	"	"	1500w
6-8	Sm. Kit. Appliances	20A/1P	12TW	4500w
9	Ceiling Fans	15A/1P	14TW	900w
10	Refrigerator	15A/1P	"	1200w
11,13	EWH	50A/2P	6TW	9600w
12,14	Range	50A/2P	6TW	8000w
15,17	Water Well	20A/2P	12TW	1200w
16,18	Dryer	30A/2P	10TW	5000w
19,21	HVAC CU 1	20A/2P	12TW	1000w
20	HVAC AHU 1	20A/1P	"	360w
22	HVAC AHU 2	20A/1P	"	360w
23	Spares	-	-	400w
24-30	Spares	-	-	2400w
31-40	Spares	-	-	0w

TOTAL CONNECTED LOAD: 38420w



- Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor. Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- Meter Enclosure, weatherproof, UL Listed.
- Main Disconnect Switch: fused or Main BRKR, weatherproof, UL Listed.
- Service entrance Ground: 3/4" iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 30'-0" long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item 15, below.
- 200 AMPERE SERVICE: 3-1/2" USE-Cu, 1-1/4" Cu-GND, 2" Conduit.
- House Panel (FNL), UL Listed, sized per schedule.
- Equipment Disconnect Switch: non-fused, in weatherproof enclosure, sized according to Panel Schedule load.
- Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

NOTE!  
THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22000 AIC.

ELECTRICAL RISER DIAGRAM: 200A

SCALE: NONE

Electrical SYMBOLS

POWER

- ⊕ DUPLEX WALL RECEPTACLE
- ⊕ DUPLEX WALL RECEPT., BELOW COUNTER
- ⊕ 240V OUTLET
- ⊕ GND FAULT INTERRUPTER DUPLEX RECEPT.
- ⊕ WEATHER PROOF GFI DUPLEX RECEPT.
- ⊕ JUNCTION BOX
- ⊕ MOTOR (SP - SUBMERSIBLE PUMP)
- ⊕ ELECTRICAL PANEL
- ⊕ ELECTRICAL PANEL
- ⊕ EXHAUST FAN
- ⊕ SMOKE DETECTOR, 120V
- ⊕ NON-FUSED DISC. SWITCH

LIGHTING

- ⊕ SPST WALL SWITCH
- ⊕ DPDT WALL SWITCH (3-WAY)
- ⊕ CEILING FAN, W/ LED, LIGHT FIXTURE
- ⊕ 2 LAMP LED, PRISMATIC WRAP SURFACE, FIXTURE
- ⊕ LED, LIGHT FIXTURE
- ⊕ VAPOR PROOF LED, LIGHT FIXTURE
- ⊕ SWITCH/FIXTURE WIRING
- ⊕ CONTROL WIRE / LOW VOLTAGE

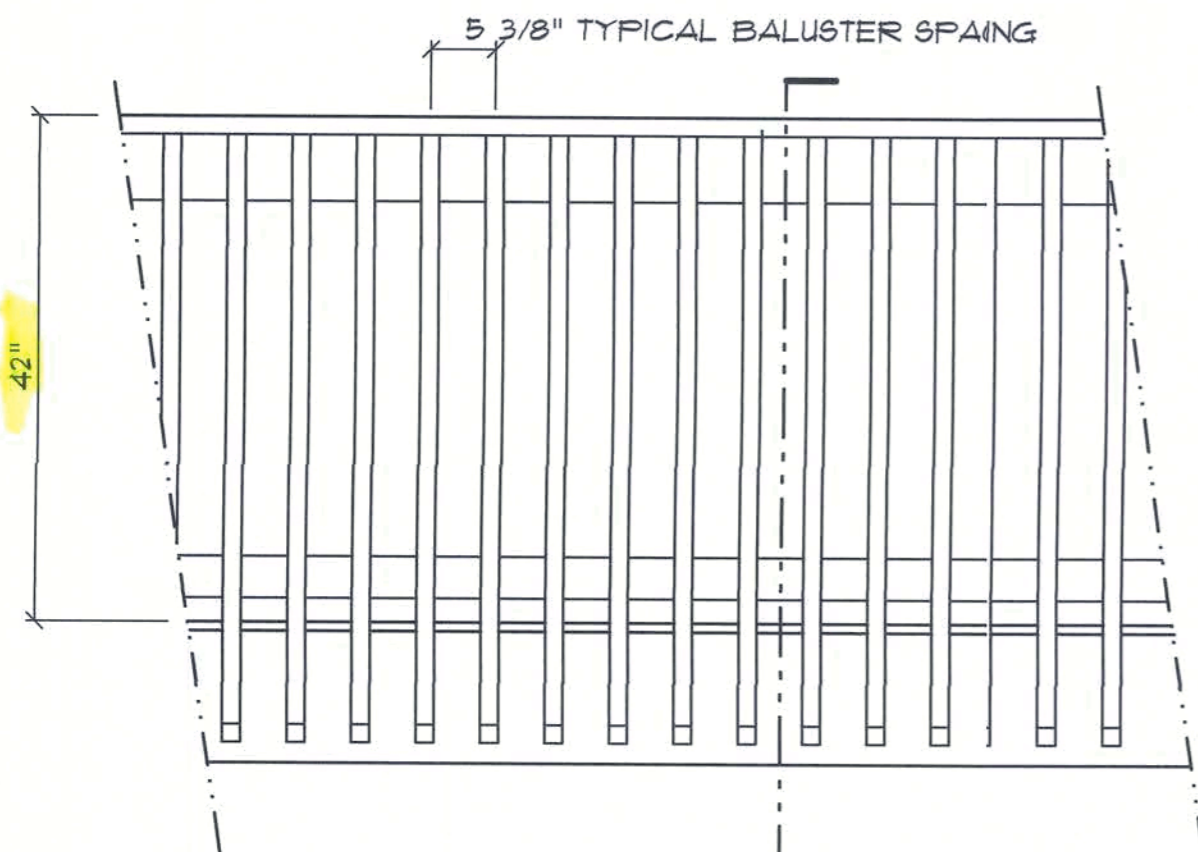
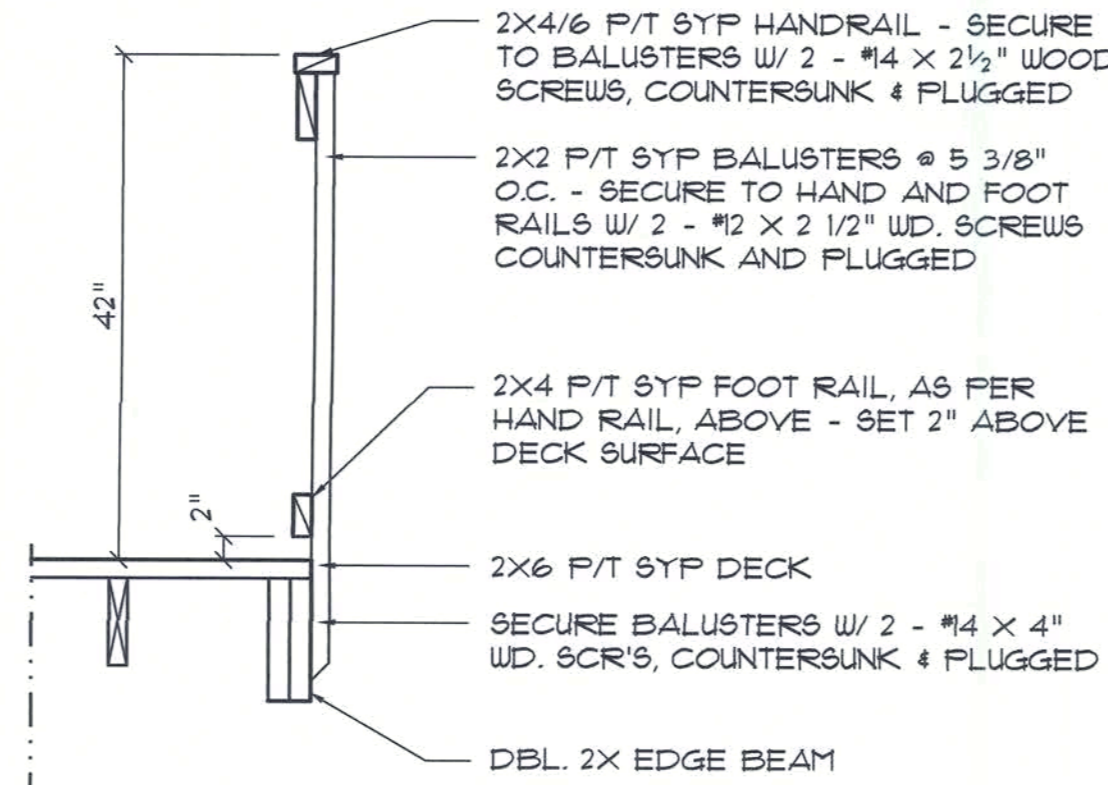
GENERAL NOTES:

- ALL LUMBER SHALL BE SOUTHERN BALD CYPRESS (RED OR YELLOW), GRADE 2 OR BETTER.
- FASTENERS SHALL BE AS FOLLOWS:
  - \* 12d GALVANIZED FINISH NAILS
  - \* 1/4 x 4" GALV. WOOD SCREWS
  - \* 1/4 x 2 1/2" GALV. WOOD SCREWSREFER TO DETAILS FOR APPLICATION.
- ALL WOOD SHALL BE SMOOTH SANDED READY FOR APPLIED FINISH, AS DIRECTED BY THE OWNER.
- ALL CUTS SHALL BE MADE PLUMB AND SQUARE.
- FINISH NAILS SHALL BE SET BELOW SURFACE OF ATTACHED MEMBER.
- ALL SCREW HEADS SHALL BE COUNTERSUNK AND PLUGGED, FLUSH WITH SURROUNDING WOOD SURFACE.
- JOB CONDITIONS AS ENCOUNTERED SHALL BE TREATED PER THESE TYPICAL DETAILS - RAILINGS SHALL BE A MINIMUM OF 42" ABOVE WALKING SURFACE AND ALL OPENINGS SHALL BE LIMITED TO REJECT A 4" BALL.

C

Balcony Railing SEC.

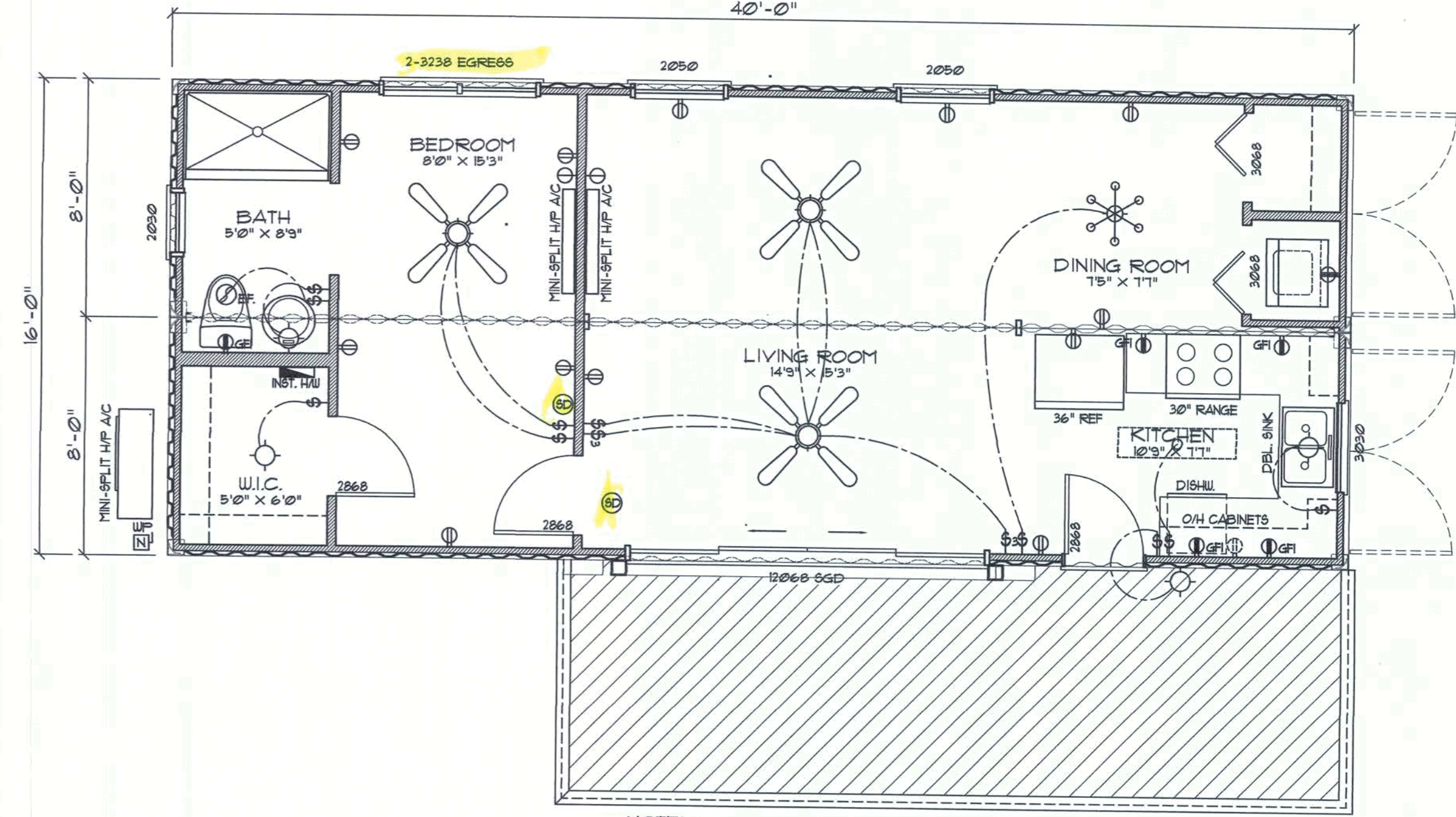
SCALE: 3/4" = 1'-0"



Balcony Railing ELEV.

SCALE: 3/4" = 1'-0"

B



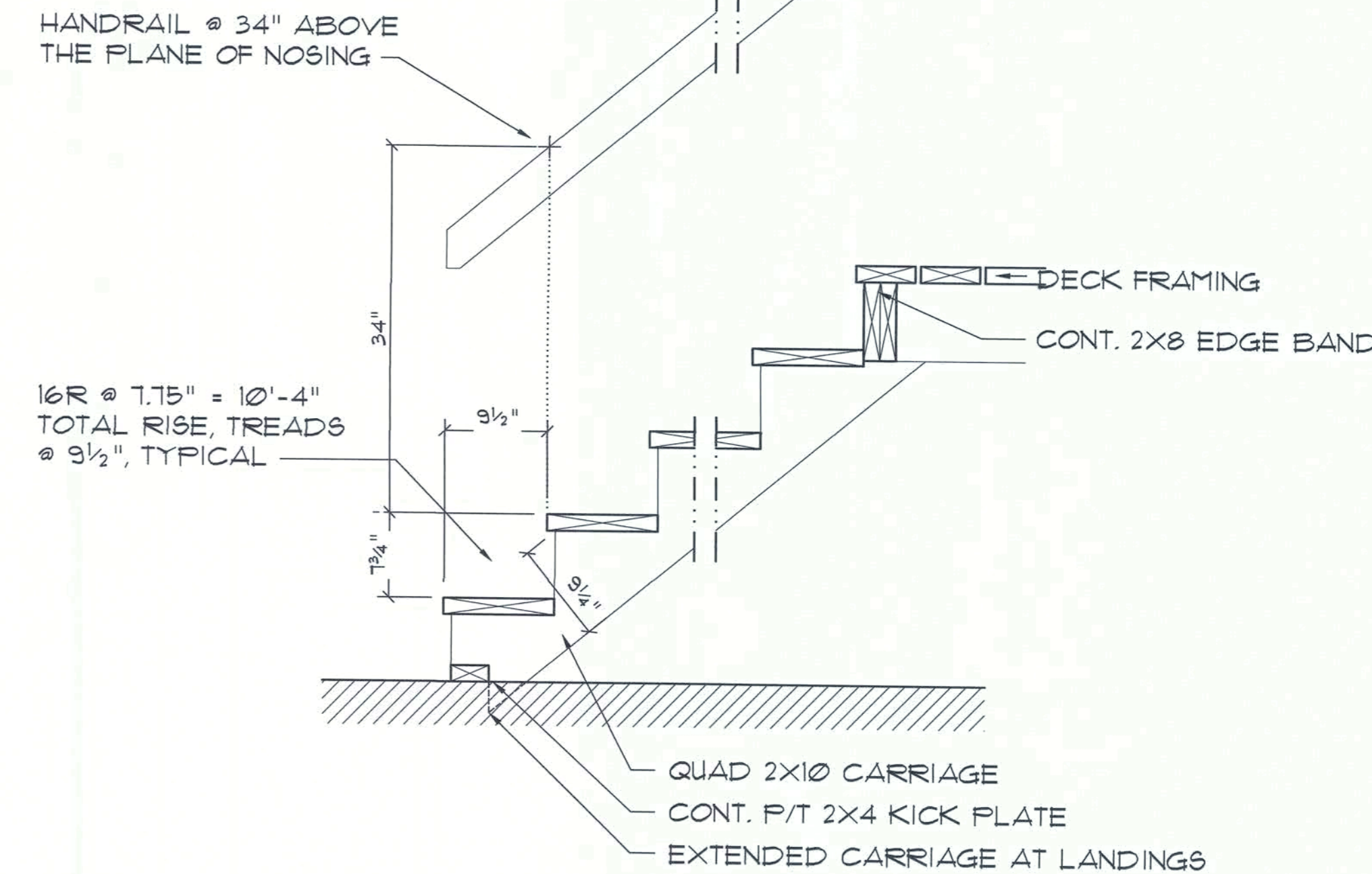
NOTE!  
PLACE STAIRS AS DIRECTED BY OWNER - SEE DETAILS ON A2

FLOOR PLAN

SCALE: 1/4" = 1'-0"

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.



Typical Stair DETAIL

SCALE: 3/4" = 1'-0"

A

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rpg

CUSTOM "CONTAINER" HOUSE FOR:  
**JAVIER RODRIGUEZ**  
COLUMBIA COUNTY, FLORIDA  
**PROPOSED FLOOR PLAN**

Celebrating  
48 Years of Service  
1972-2020  
N.P. GESLER  
ARCHITECT  
N.C.A.R.B. CERTIFIED

**NICHOLAS  
GESLER  
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N.C.A.R.B. CERTIFIED  
1755 NW Brown Rd., Suite 205  
386-565-4305

DATE:

10 AUG 2020

COMM:

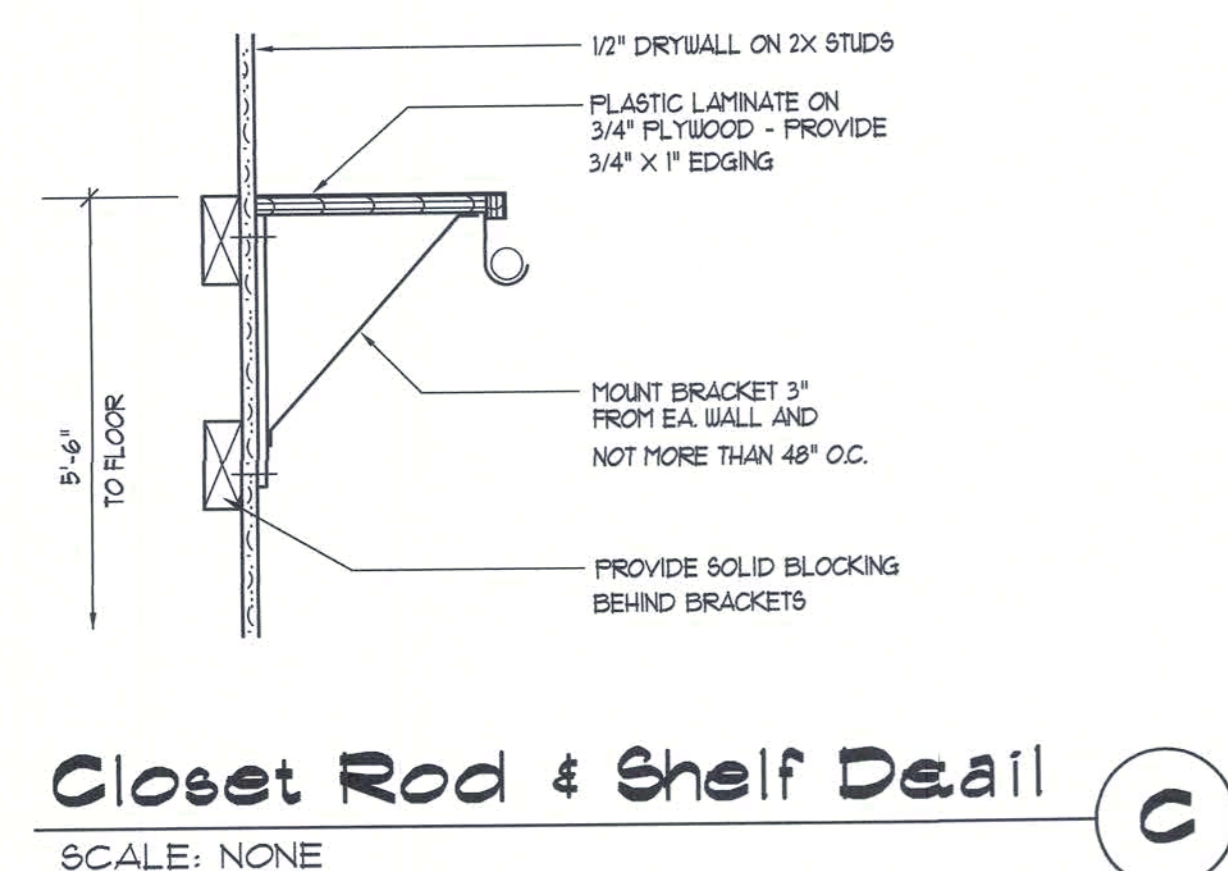
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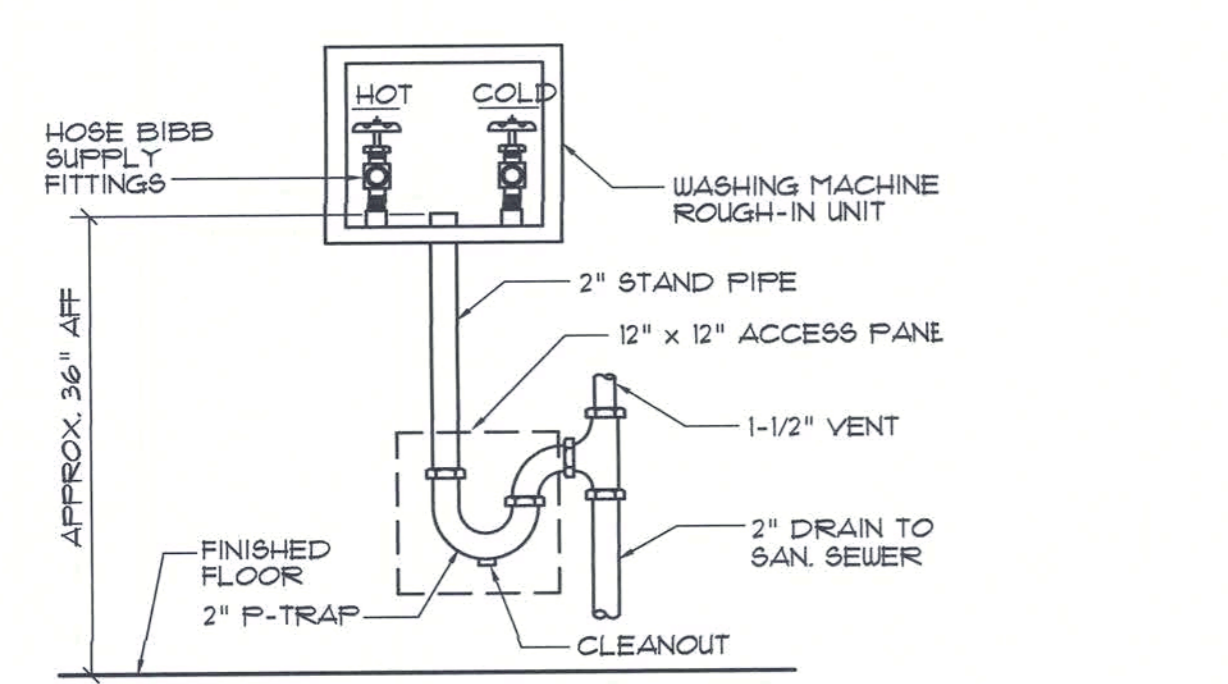
A2

2 OF 5

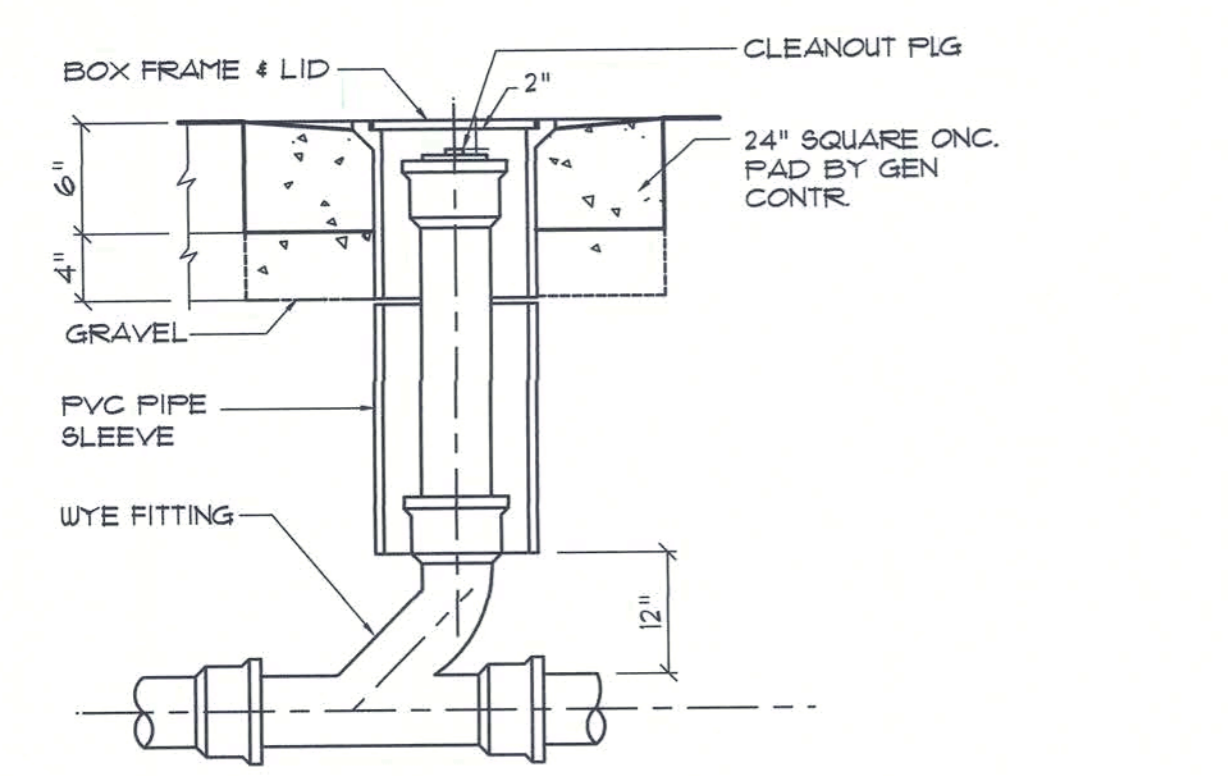
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**Closet Rod & Shelf Detail**  
SCALE: NONE



**Washing Machine DET.**  
N.T.S.



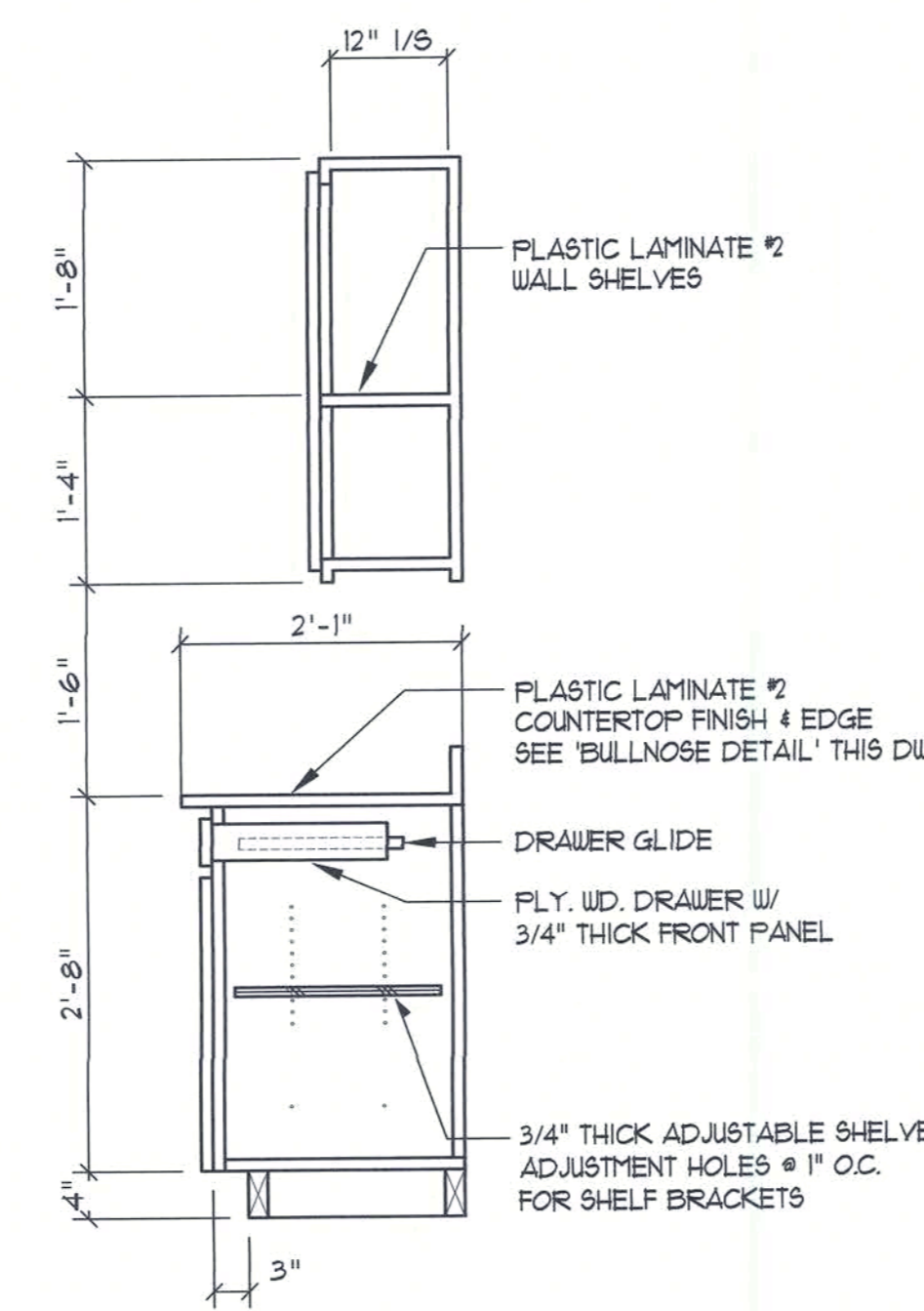
**Outdoor Cleanout DETAIL**  
N.T.S.

WINDOW SCHEDULE				
MARK	DESCRIPTION	INSTALLATION	MODEL	NOTES
2030	SINGLE HUNG ALUM. SASH W/ INSULGLASS	1\"	SERIES 650	-
3030	SINGLE HUNG ALUM. SASH W/ INSULGLASS	1\"	SERIES 650	-
3050	SINGLE HUNG ALUM. SASH W/ INSULGLASS	1\"	SERIES 650	-
2-3238	SINGLE HUNG ALUM. SASH W/ INSULGLASS	1\"	SERIES 650	-

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC."  
- OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS  
NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

NOTE!  
THESE CABINET DET'S ARE GENERAL IN NATURE & PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

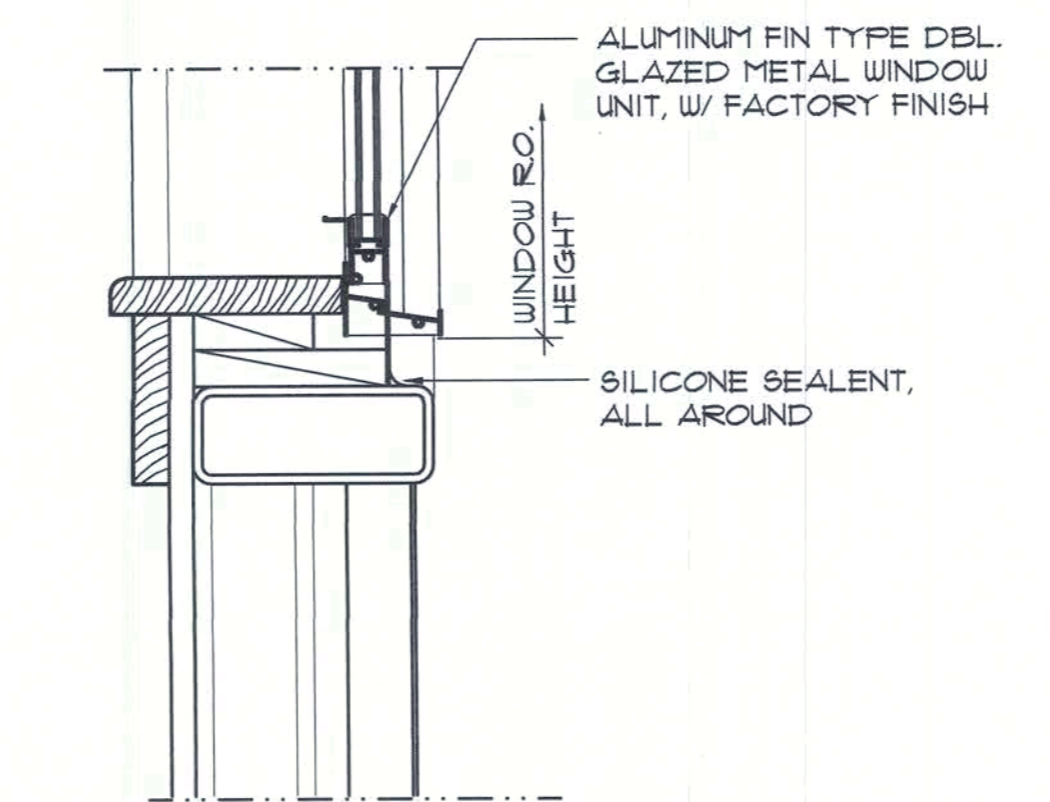
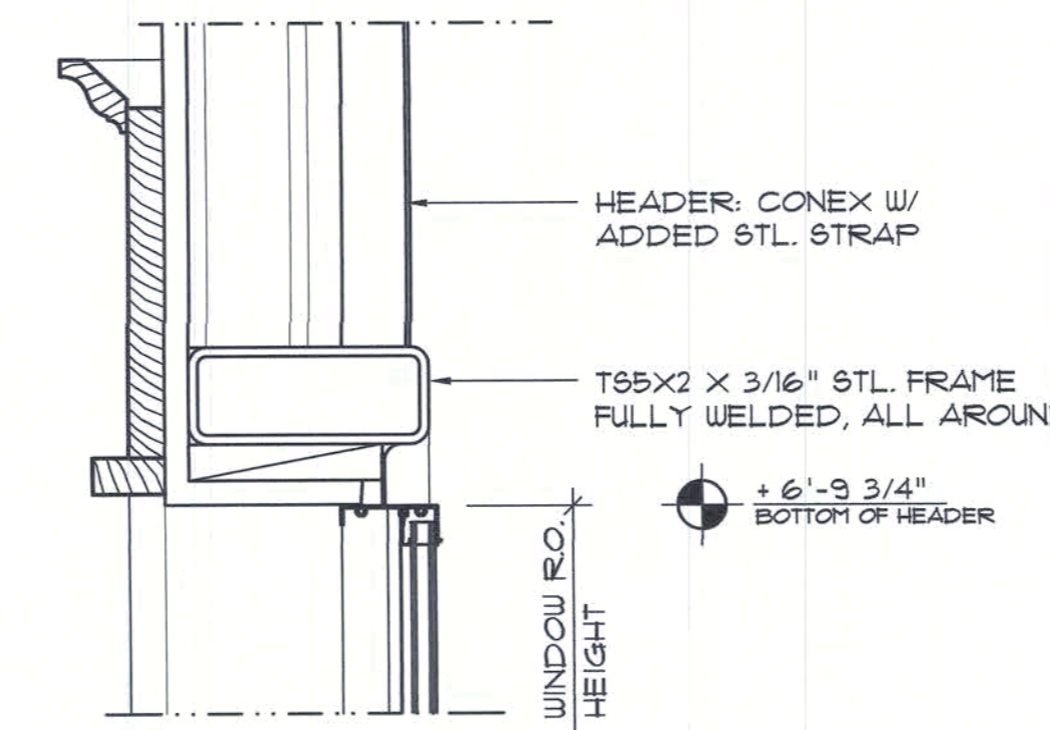
NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.



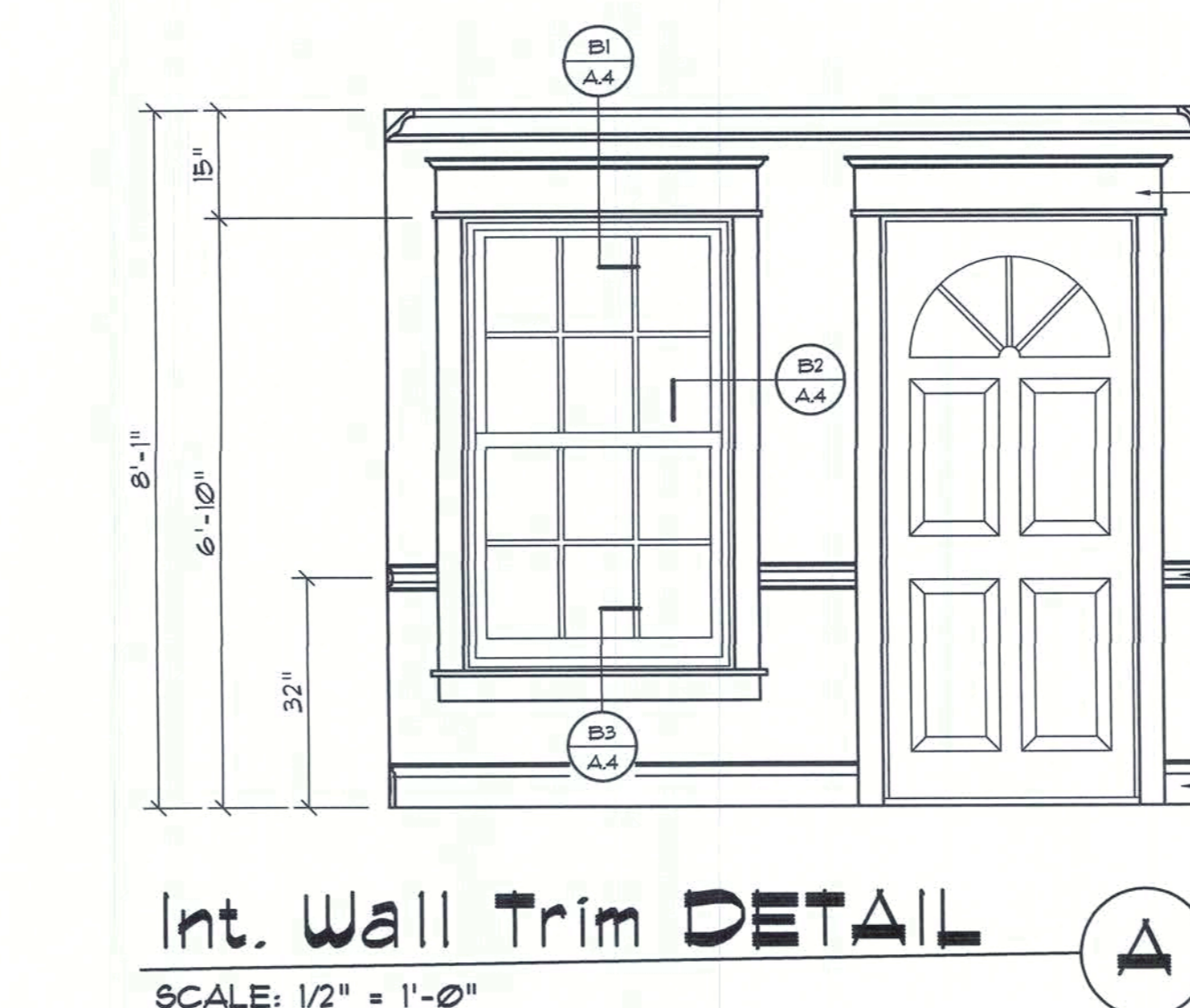
**Base & O/H Cab.**  
SCALE 3/4" = 1'-0"

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

**Typ. Cabinet DET'S**  
SCALE 3/4" = 1'-0"



**Typical Window DET'S**  
SCALE: 3" = 1'-0"



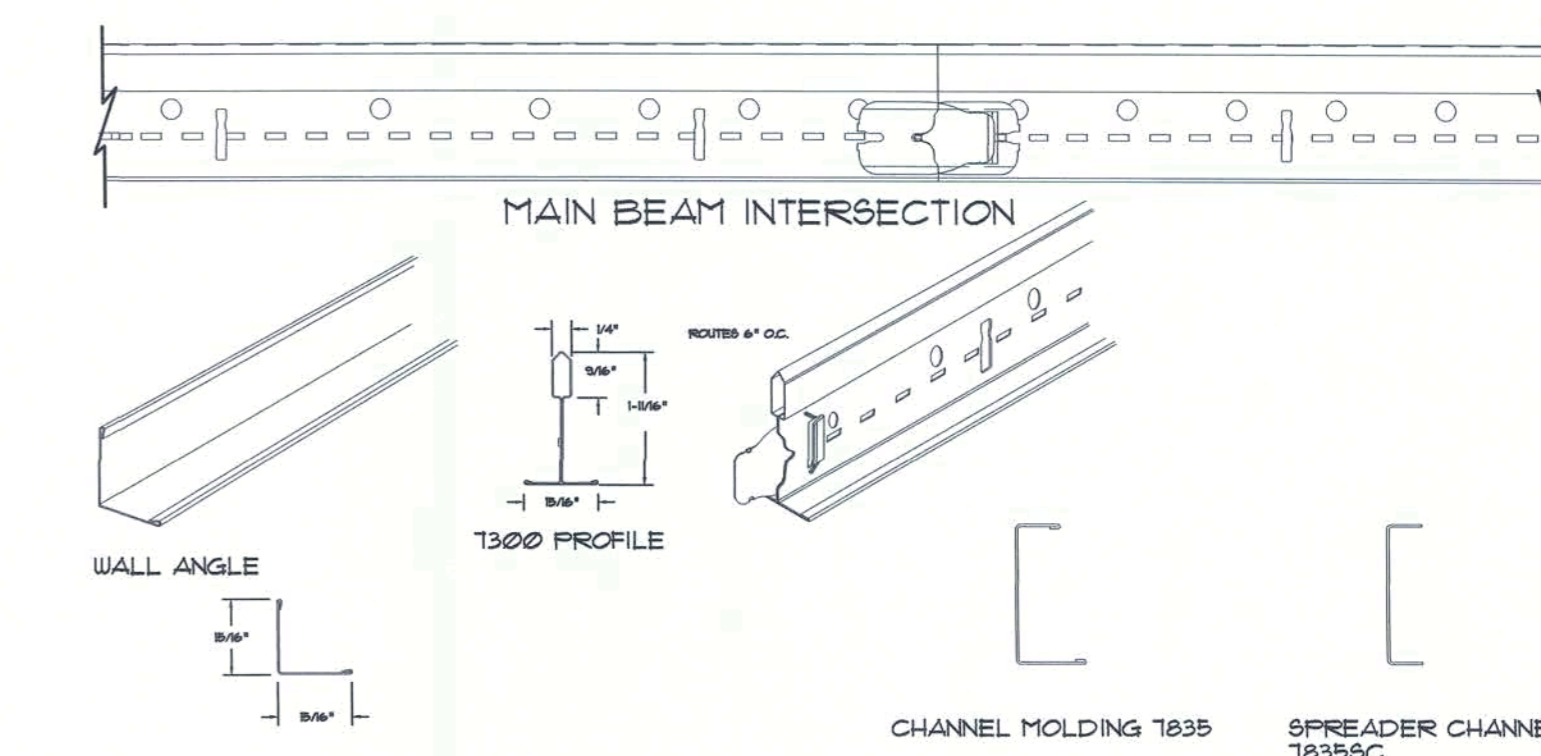
**Int. Wall Trim DETAIL**  
SCALE: 1/2" = 1'-0"

NOTE !!!  
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

NOTE !!!  
WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

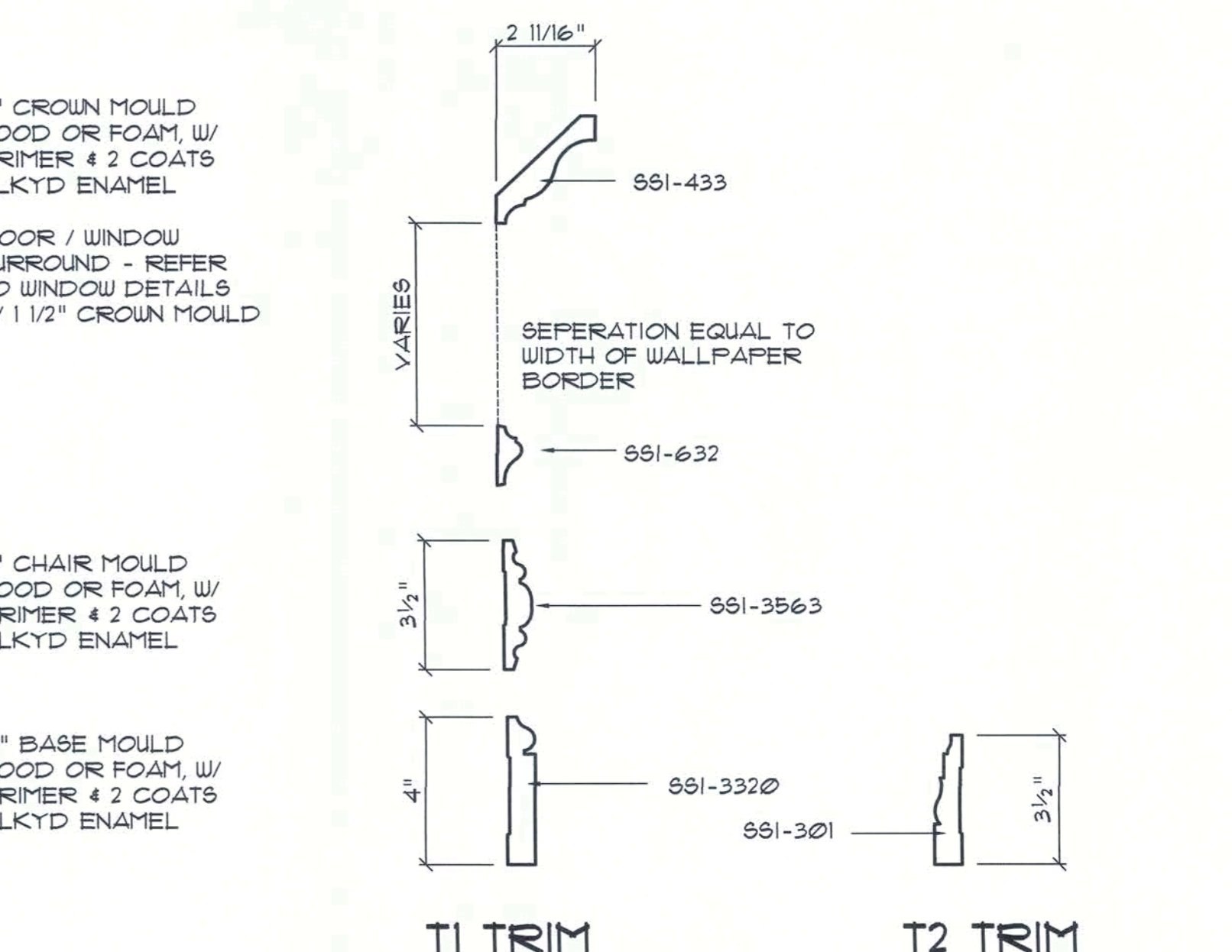
"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS  
PER ASTM E 283, ASTM E 330 & ASTM E 541



**SUSPENDED CEILING REQUIREMENTS:**

- A. Ceiling Panels:  
1. Armstrong World Industries, Inc.  
A. Acoustical Panels Type ACT-1:  
1. Surface Texture: Medium  
2. Composition: Mineral Fiber  
3. Color: White  
4. Size: 24in X 24in X 5/8in  
5. Edge Profile: Angled Regular for interface with Prelude ML 5/8" Exposed Tee  
6. Noise Reduction Coefficient (NRC): ASTM C 423 Classified with UL label on product carton, 0.85  
7. Ceiling Attenuation Class (CAC): ASTM C 1414 Classified with UL label on product carton, 35  
8. Flame Spread: ASTM E 1264 Class A (UL)  
9. Light Reflectance (LR): ASTM E 1418 White Panel: Light Reflectance: 0.85  
10. Dimensional Stability: Standard  
11. Acceptable Product: Cortega Tile 4 Lay-In, 104 as manufactured by Armstrong World Industries.  
SUSPENSION SYSTEMS  
A. Components: All main beams and cross tees shall be commercial quality hot-dipped galvanized (galvanized steel, aluminum, or stainless steel) as per ASTM A 653. Main beams and cross tees are double-web steel construction with type exposed flange design. Exposed surfaces chemically cleaned, capping pre-finished galvanized steel (aluminum or stainless steel) in baked polyester paint. Main beams and cross tees shall have rotary stitching (exception: extruded aluminum or stainless steel).
- B. High Humidity Finish: Comply with ASTM C 635 requirements for Coating Classification for Severe Environment Performance where High humidity finishes are indicated.  
1. Prelude Plus by Armstrong World Industries, Inc. - 100% Type 304 STAINLESS Steel.  
2. AL Prelude Plus by Armstrong World Industries, Inc. - all ALUMINUM  
3. Prelude Plus XL Fire Guard by Armstrong World Industries, Inc. G-60 Hot dipped galvanized aluminum capping  
4. Structural Classification: ASTM C 635 duty class.  
5. Color: 1/8" Stainless for 55 only, 1/4" White aluminum, 1/4" Clear Anodized Aluminum  
C. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table I, Direct Hung unless otherwise indicated.  
D. Wire for Hangers and Ties: ASTM A 641, Class 1 zinc coating, soft temper, pre-stretched, with a yield stress load of at least three times design load, but not less than 12 gauge.  
E. Edge Moldings and Trim: Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated. Provide moldings with exposed flange of the same width as exposed runner.

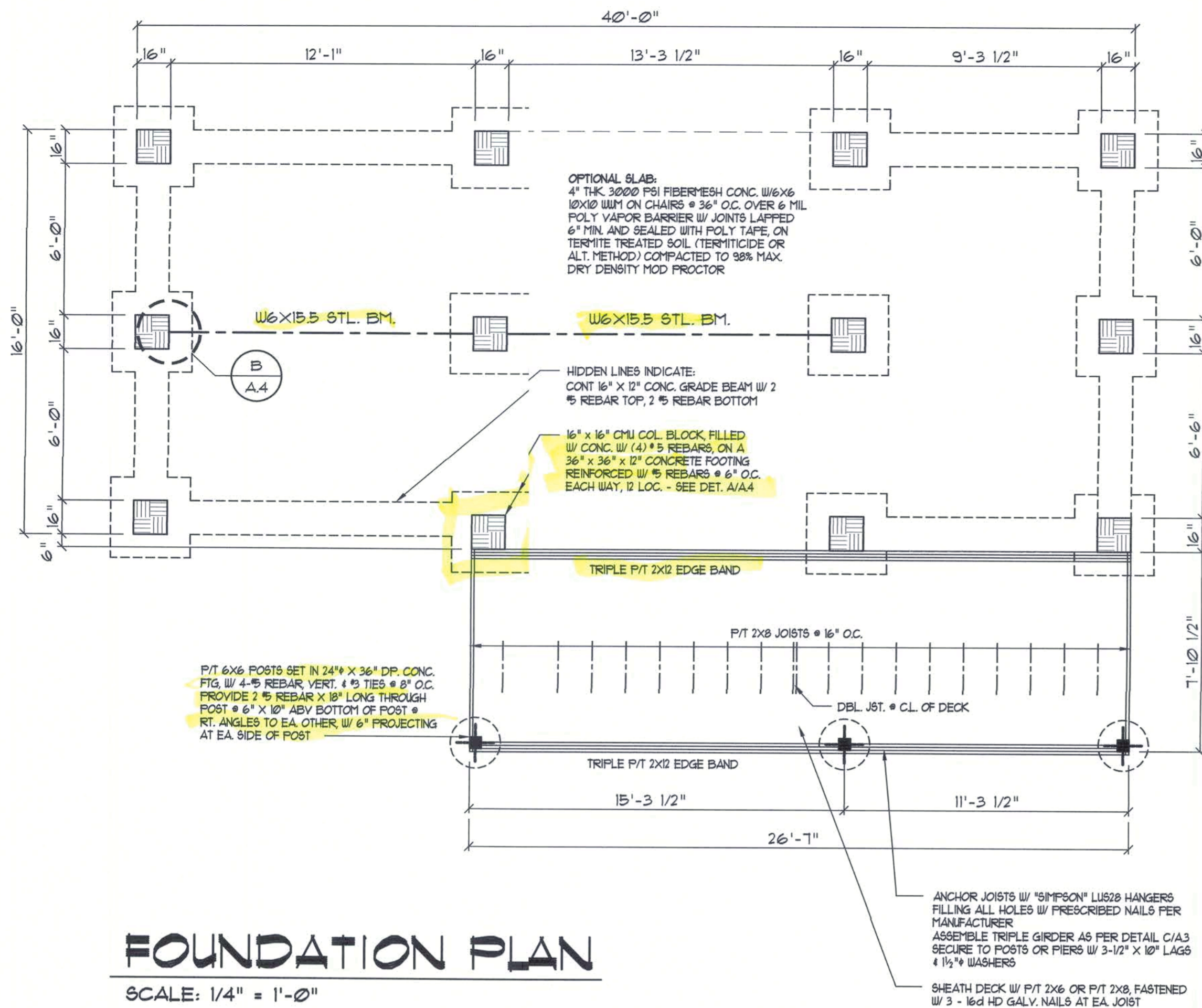
**TYPICAL SUSPENDED CEILING DET**  
SCALE: NONE



NOTE !!!  
ALL PROFILES AS PER 645 CRAFTSMAN, INC., TAMPA FLORIDA TRIM WOOD SPECIES SHALL BE "POFLAR"

**Wall/Ceiling Trim DETAIL**  
SCALE: 3" = 1'-0"

ALTERNATE N#2:  
FOR TRIM TYPE T1, 2" DENTAL MOULDING MAY BE INSERTED BETWEEN S61-456 AND S61-3343



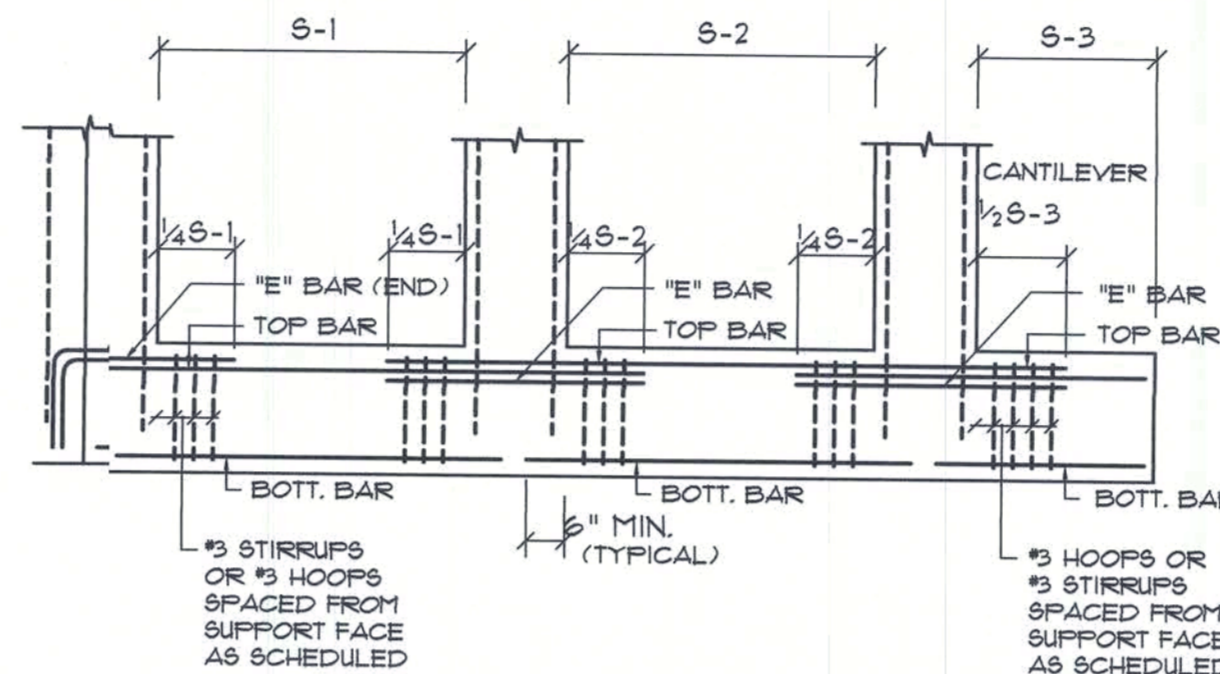
## CONEX MODIFICATION PLAN

SCALE: 1/4" = 1'-0"

WALL OPENING NOTE:  
WALL OPENINGS ARE SHOWN AS NOMINAL, AND MAY BE ADJUSTED TO SUIT WINDOW/DOOR PRODUCTS, AS NEEDED

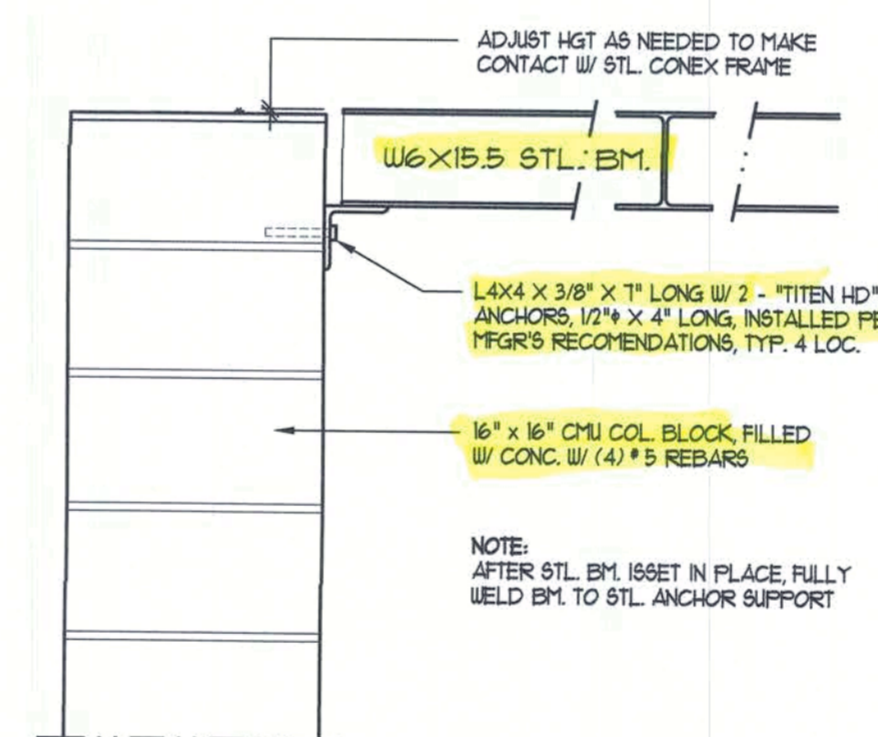
## GENERAL CONCRETE BEAM NOTES:

- SCHEDULED HOOPS OR STIRRUPS SHALL BE PLACED AT EACH END OF BEAM UNLESS NOTED OTHERWISE. STIRRUPS SHALL BE TYPE S-6 & HOOPS SHALL BE TYPE T-2 TYPICAL CRSI BAR BENDS UNLESS NOTED OTHERWISE.
- BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
- ALL CONCRETE BEAMS OTHER THAN THOSE WITH THE PREFIX TB SHALL BE FPOURED PRIOR TO PLACING OF BLOCK BELOW.
- ALL TIE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH TIE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
- ALL TIE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BENDING DIAGRAM.
- DROP BOTTOM OF TIE BEAMS AS REQUIRED AT WINDOW AND DOOR HEADS (1/2" MAXIMUM) AND ADD 2" BOTTOM IF DROP EXCEEDS 8".
- THE BEAM SCHEDULED DEPTHS ARE MINIMUM AND MAY BE INCREASED (8" MAXIMUM) TO FIT BLOCK WORK.
- ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE.
- MARK "C" IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.



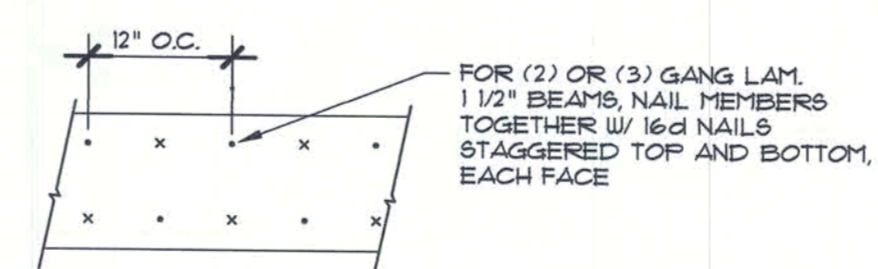
## BOTTOM BARS - TOP BARS - "E" BARS

SCALE: NONE



## BUILT-UP GIRDER DET.

NOT TO SCALE



## WINDOW OPENING SIZES:

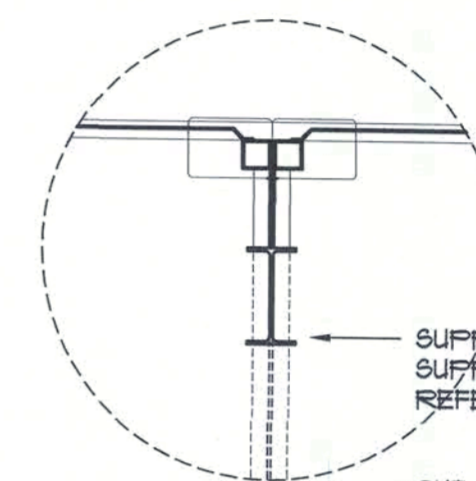
- WINDOW: 3050, R.O. 39" X 63" HEAD AT + 6'-10" AFF.
- WINDOW: 2030, R.O. 27" X 39" HEAD AT + 6'-10" AFF.
- WINDOW: 2-3238, R.O. 62" X 41" HEAD AT + 6'-10" AFF.
- WINDOW: 3030, R.O. 39" X 39" HEAD AT + 6'-10" AFF.

NOTE:  
FIELD ADJUST GROSS R.O. SIZES AS NEEDED TO MATCH WINDOW MFG'S SIZES, AS SELECTED BY THE OWNER

NOTE:  
ALL UNSPECIFIED OPENINGS ARE DOOR OR ARCHWAY OPENINGS: WIDTH AS INDICATED; HGT: FROM FLOOR TO 6'-10" AFF.

## CONSTRUCTION NOTES

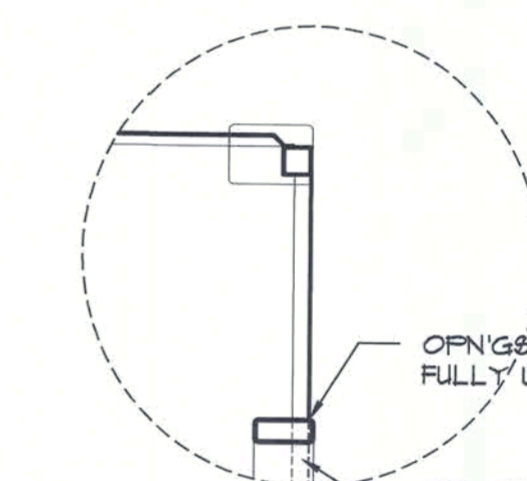
- FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
- ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2001 IBC - SEE A6
- PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
- VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
- CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
- ROOF & FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSSES AND FRAMING MEMBERS.
- SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNER'S RECOMMENDED BUILDING PROCEDURES: CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
- LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.
- DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.



CUT AND REMOVE PORTION OF EXISTING WALL PANEL AS PER PLAN - SHORE REMAINING STRUCTURE UNTIL WELDED BEAM IS INSTALLED

NOTE:  
PROVIDE MATCHING JAMB REINFORCING, CENTERED AS HEADER STRAP, FULLY WELDED

## BETWEEN UNITS

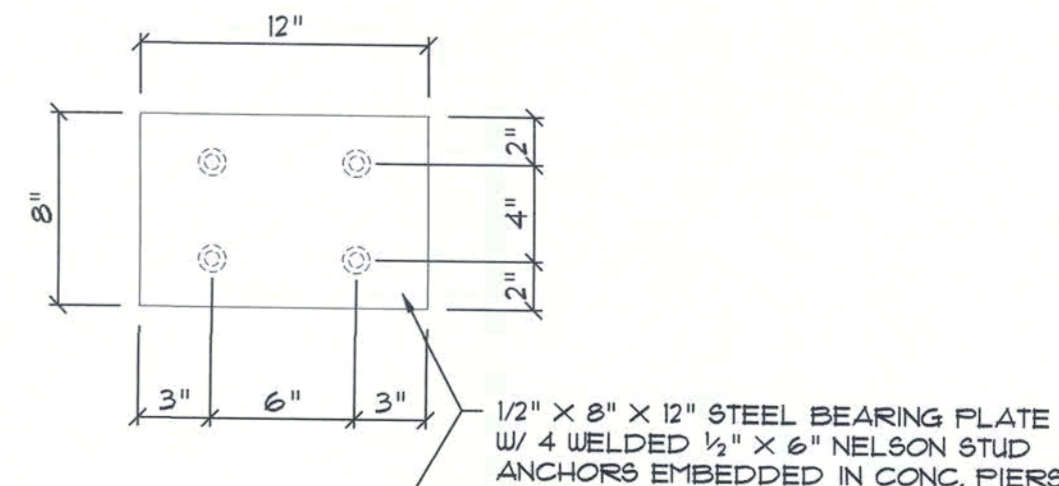


CUT AND REMOVE PORTION OF EXISTING WALL PANEL AS PER PLAN - SHORE REMAINING STRUCTURE UNTIL WELDED STRAP IS INSTALLED

## OVER DOOR & WINDOW OPENINGS

## OPENING DETAILS

SCALE: 3/4" = 1'-0"



NOTE:  
PLACEMENT OF ANCHOR PLATES SHALL BE FIELD ADJUSTED AS NEEDED TO ACCOMMODATE CONEX SUPPORT RAILS

## WELD PLATE DET.

SCALE: 1/2" = 1'-0"

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CUSTOM "CONTAINER" HOUSE FOR:  
**JAVIER RODRIGUEZ**  
COLUMBIA COUNTY, FLORIDA  
**PROPOSED FLOOR PLAN**

48 Years of Experience  
1972 - 2020  
N.P. Gessler, Architect  
N.C.A.R.B. Certified

**NICHOLAS PAUL GESSLER**  
ARCHITECT  
N.C.A.R.B. Certified

DATE:

10 AUG 2020

CONTRACT:

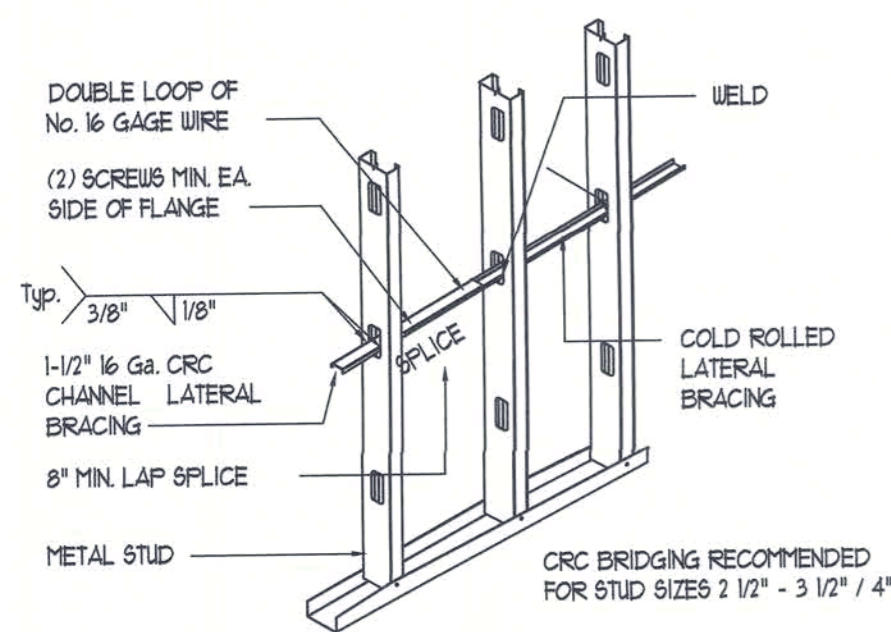
2K2063

SHEET:

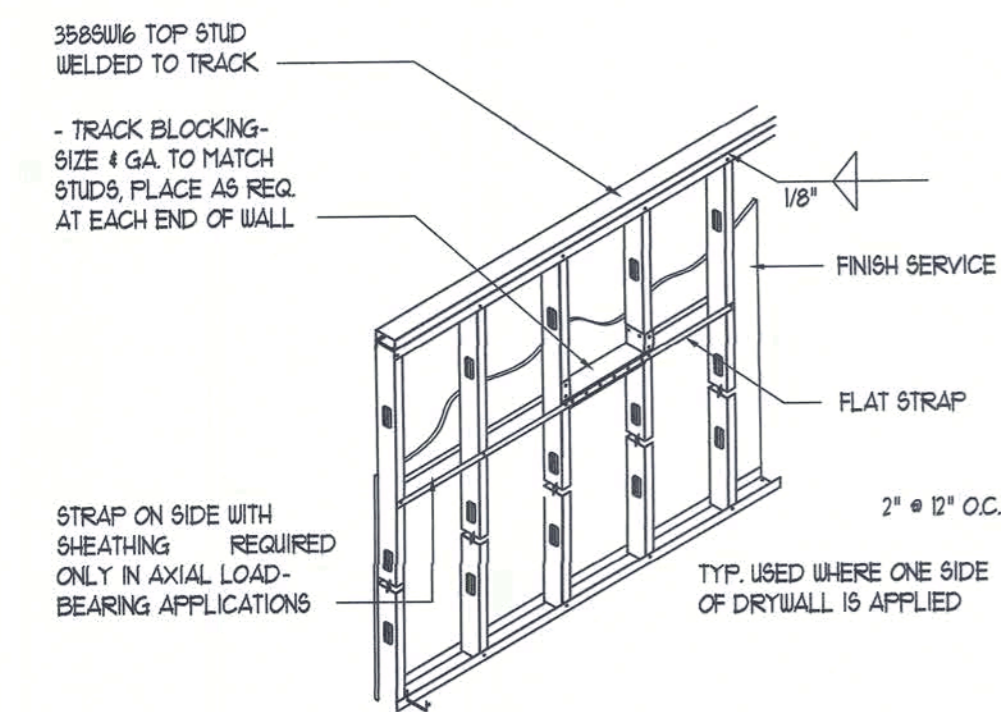
A.4

4 OF 5

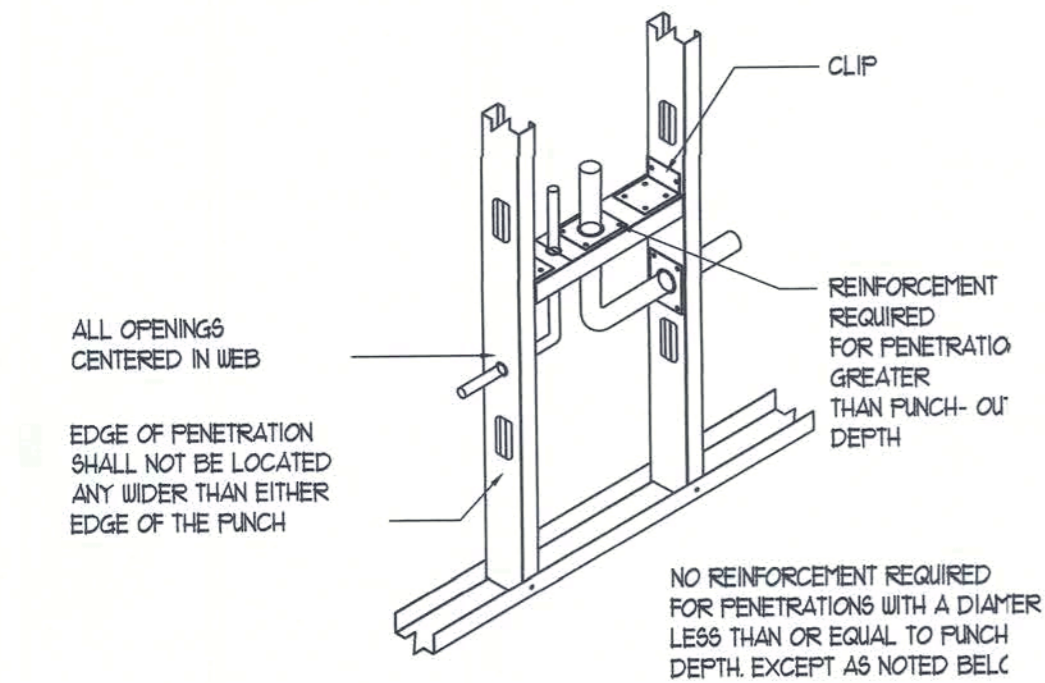
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WELDED CRC BRIDGING

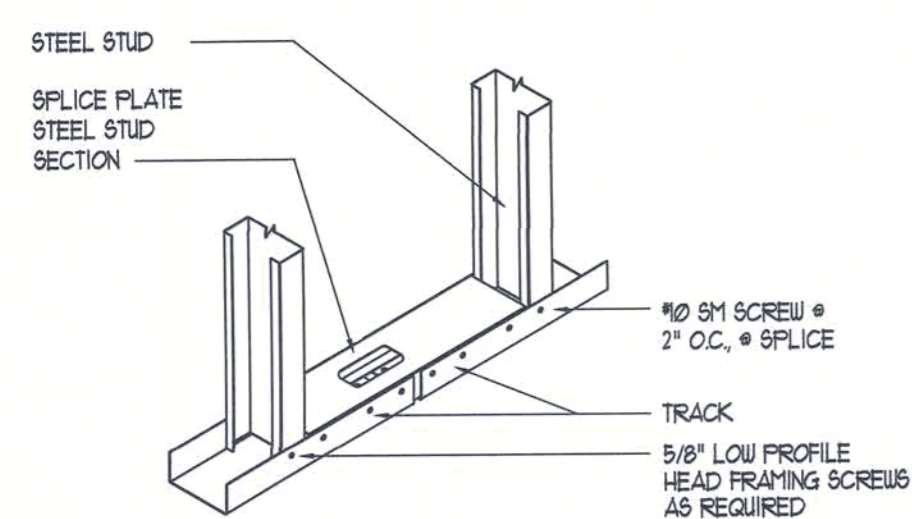


FLAT STRAP LATERAL BRACING

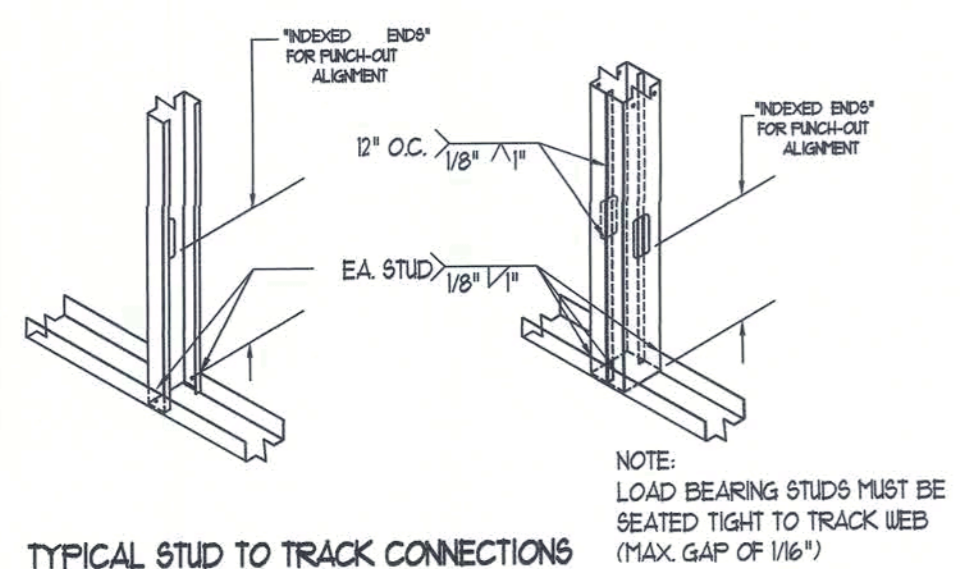


NOTES:  
1. FLANGES SHALL NOT BE NOTCHED OR CUT.  
2. CAPACITY VERIFICATION BY DESIGN IS REQ. FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.  
3. APPLICABLE TO TRACK, STUDS, JOISTS & RAFTERS

STUD WEB PENETRATIONS



TRACK SPLICE

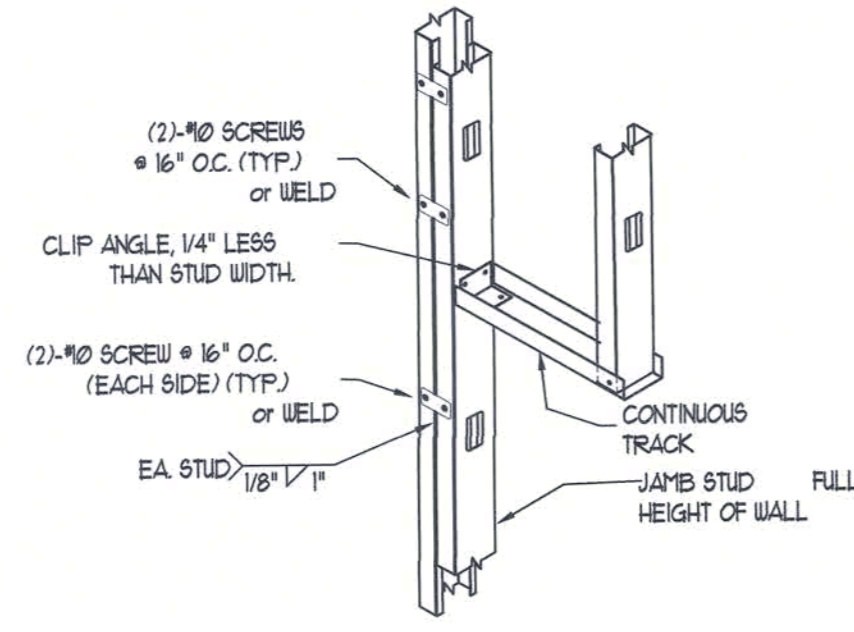


TYPICAL STUD TO TRACK CONNECTIONS

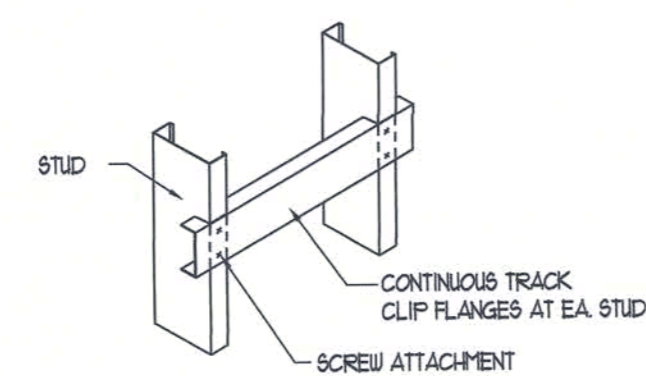
## Metal Stud DETAILS

SCALE: NONE

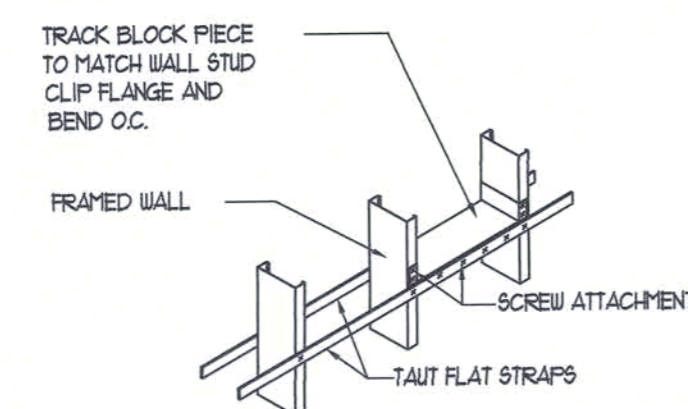
NOTE!  
ALL METAL STUDS IN AXIAL LOAD APPLICATIONS SHALL BE 3588W18 MINIMUM, W/ MATCHING TRACK, ALL WELDED JOISTS



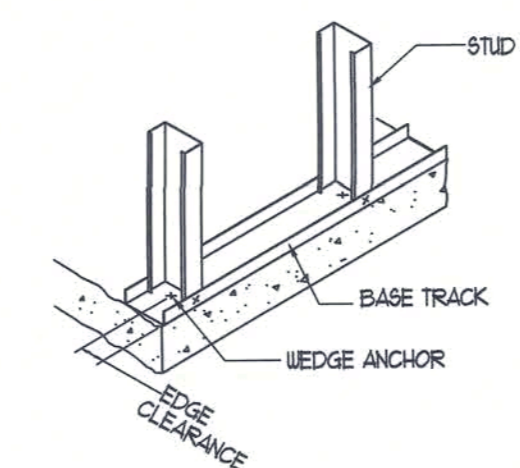
JAMB STUD DETAIL



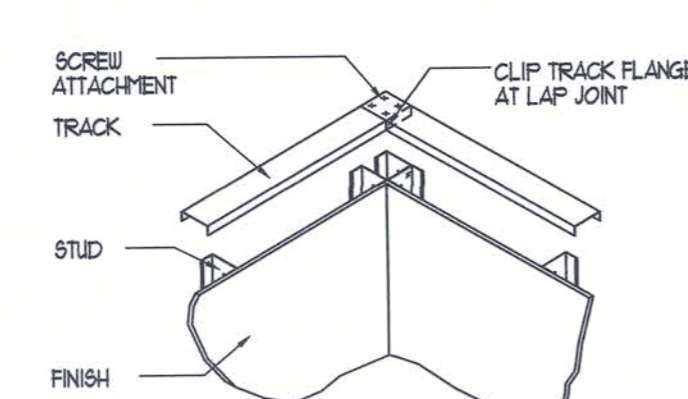
BACKING - CLIPPED TRACK - HVLY. LOADED (GRAB BARS, HANDRAILS, WALL HUNG CABINETS)



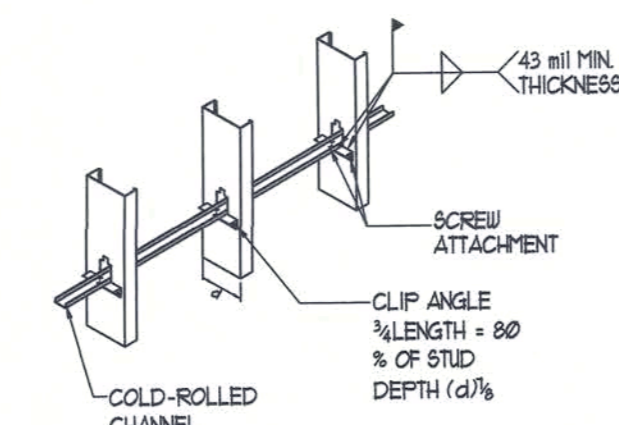
BRIDGING DOUBLE FLAT STRAP W/BLOCKING



BOTTOM TRACK WEDGE ANCHOR



CORNER TRACK LAP CONNECTION



BRIDGING COLD-ROLLED CHANNEL W/CLIP ANGLE

WALL FINISH OPT. 1  
HARDIE PANEL, DIRECT - APPLIED

WALL FINISH OPT. 2  
POLY-BACKED EXP. MTL. LATH  
W/ 5/8\" CEMENT STUCCO)

WALL FINISH OPT. 3  
1/16\" OGB SHEATHING W/1/4\" HARDIE BOARD,  
VINYL METAL SIDING, OR OTHER LAP SIDING

2 1/2\" X 22 MTL. STUDS @ 16\" O.C.  
W/ 1/2\" GUB OR 3/8\" T1-11 PLYWOOD  
INTERIOR FINISH

1/8\" METAL H-I-HAT FURRING, TACK  
WELDED TO STL. WALL, W/ VARIOUS  
OPTIONAL APPLIED FINISHES

CLOSED CELL FOAM INSULATION,  
SPRAY APPLIED

## WALL DETAIL C

SCALE: 1\" = 1'-0"

METAL ROOFING AS SELECTED  
BY OWNER, INSTALLED PER  
MANUF'S SPECIFICATIONS FOR  
130 MPH WIND LOADS

PAINT TOP OF CONEX BRIGHT  
WHITE PRIOR TO PLACEMENT  
OF FRAMING, TYP. T.O.

SUSPENDED CEILING - REFER  
TO STD. DETAIL, W/ SPRAY  
APPLIED FOAM INSULATION AT  
UNDERSIDE OF CONEX ROOF,  
MIN. R-30

PROVIDE SPRAY APPLIED FOAM  
INSUL. @ UNDERSIDE OF CONEX FLOOR,  
FULL COVERAGE, MIN. R-13

1/2\" X 8\" X 12\" STEEL BEARING PLATE  
W/ 4 WELDED #5 REBAR J-ANCHORS  
EMBED IN CONC. PIERS - ALLOW MIN. 1\"  
SHIM CLEARANCE, TYPICAL, T.O.

2X12 JOISTS X 18\" LONG, TAPERED  
FROM 1 1/4\" TO 3 1/2\", AT 24\" O.C.  
TYPICAL, THROUGH

C25 X 22GA. MTL. STUDS AT 16\" O.C.  
& 1/2\" GUBS - PROVIDE P/T WD. BLK'G  
AS NEEDED - SEE A/A-5

FORM DOOR/WINDOW OPENINGS  
W/ T62X6 X 3/16\" STL. TUBING,  
STL. TUBING, FULLY WELDED TO  
CONEX WALL PANELS

FORM SGD OPENING W/ T66X6 X 1/4\"  
STL. TUBING, FULLY WELDED TO CONEX  
WALL PANELS

16\" X 16\" CMU COL. BLOCK FILLED  
W/ CONC. W/ (4) #5 REBARS ON A  
36\" X 36\" X 12\" CONCRETE FOOTING  
REINFORCED W/ #5 REBARS @ 6\" O.C.  
EACH WAY, 12 LOC. - SEE DET. A/A-4

FINISH GRADE

## TYP. WALL SECTION B

SCALE: 3/4\" = 1'-0"

15/32\" CDX OR 1/16\" OGB  
SHEATHING ON WD. TRUSSES  
@ 24\" O.C. - REFER TO ROOF  
PLAN FOR NAILING PATTERN

CONT. P/T 2X4 SECURED TO  
CONEX TOP RAIL W/ PAF & 1\"  
WASHERS @ 24\" O.C.

PERF'D METAL SCOFFIT W/  
FACTORY WHITE FINISH

CONT. MTL. DRIP FLASHING  
PAINTED TO MATCH FASCIA

MTL FASCIA WRAP X CONT.  
OVER CONT. P/TX12 FASCIA

"SIMPSON" C818, WELDED TO  
CONEX TOP RAIL W/ 3 16d NAILS  
INTO JOIST, CLINCHED

CLOSED CELL FOAM INSULATION,  
SPRAY APPLIED - NOT SHOWN, SEE  
WALL DET. THIS SHEET, MIN. R-13

D06 @ 4 PNL SGD, NOT SHOWN

SEE BALCONY RAILING DETAIL B & C/A-2

SHEATH DECK W/ P/T 2X6 OR P/T 2X8, FASTENED  
W/ 3 - 16d HD GALV. NAILS AT EA. JOIST

ANCHOR JOISTS W/ "SIMPSON" LUGS HANGERS  
FILLING ALL HOLES W/ PRESCRIBED NAILS PER  
MANUFACTURER

ASSEMBLE TRIPLE ORDER AS PER DETAIL C/A-3  
SECURE TO POSTS OR PIERS W/ 3-1/2\" X 10\" LAGS  
& 1 1/2\" WASHERS

NOTE!  
ALL METAL HANGERS, NAILS, LAGS & WASHERS  
IN CONTACT W/ PRESSURE TREATED LUMBER  
SHALL BE HOT DIPPED GALVANIZED

REVISION

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CUSTOM "CONTAINER" HOUSE FOR:  
**JAVIER RODRIGUEZ**  
COLUMBIA COUNTY, FLORIDA  
**PROPOSED FLOOR PLAN**

Celebrating  
48 Years of Service  
1972-2020  
N.P. Geisler, Architect  
AR0007005

**NICHOLAS  
GEISLER  
ARCHITECT**  
N.C.A.R.B. Certified  
1755 NW Brown Rd.  
336-565-4395

DATE:

10 AUG 2020

COM#:

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SHEET:

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5 of 5

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13 August 2020  
AR0007005