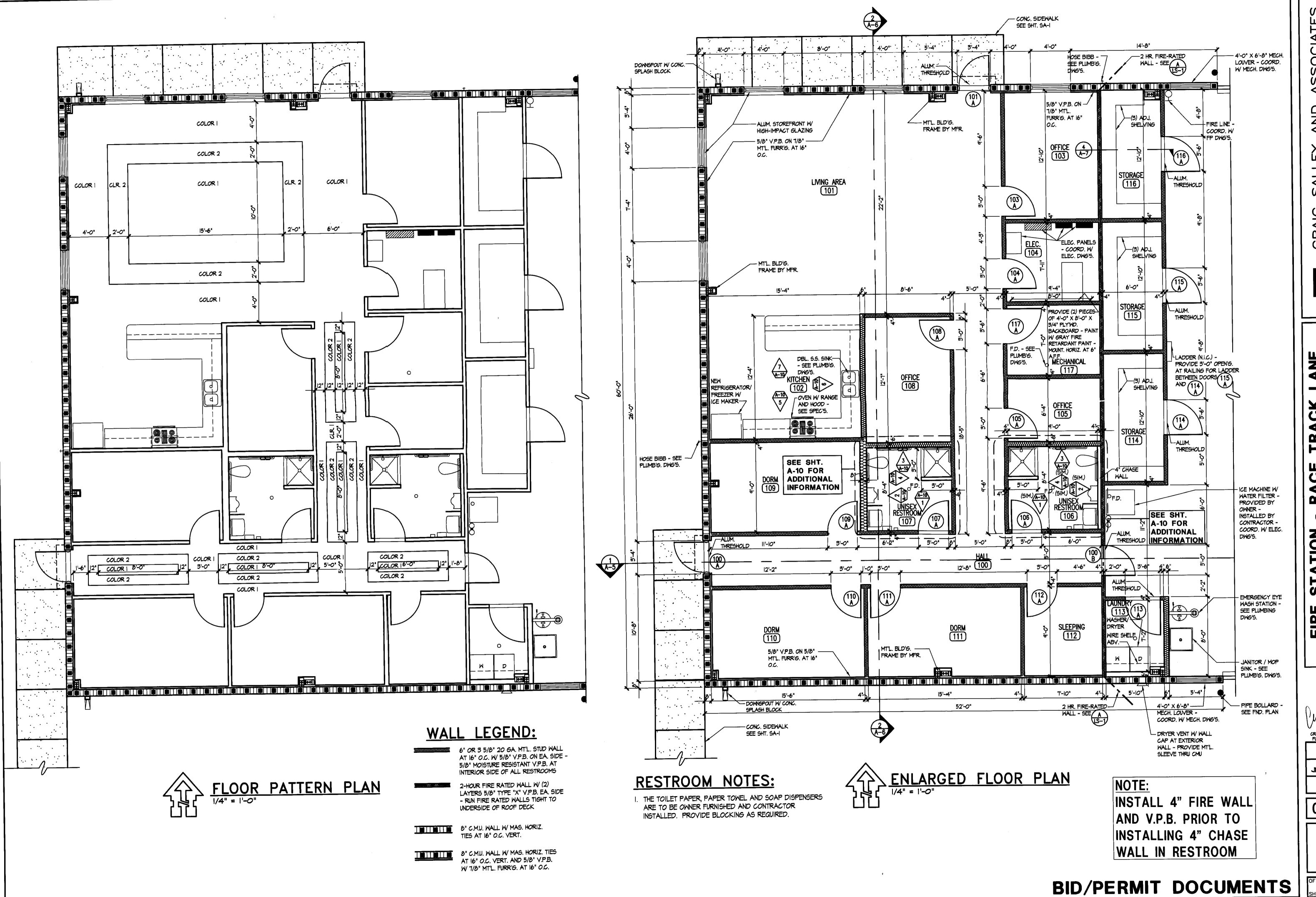


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APPROVED



RAIG SALLEY AND ASSOCIATES RCHITECTS · PLANNERS · INTERIOR DESIGNERS 11 NEWBERRY ROAD • GAINESVILLE, FLORIDA • LIC. NO. A0002479 • 352-372-8424

FIRE STATION - RACE TRACK LANE
OR THE COLUMBIA COUNTY COMMISSION
LAKE CITY, FLORIDA

ingolalus

CRAIG SALLEY, R.A.
FL. REG. NO. 4415

DATE

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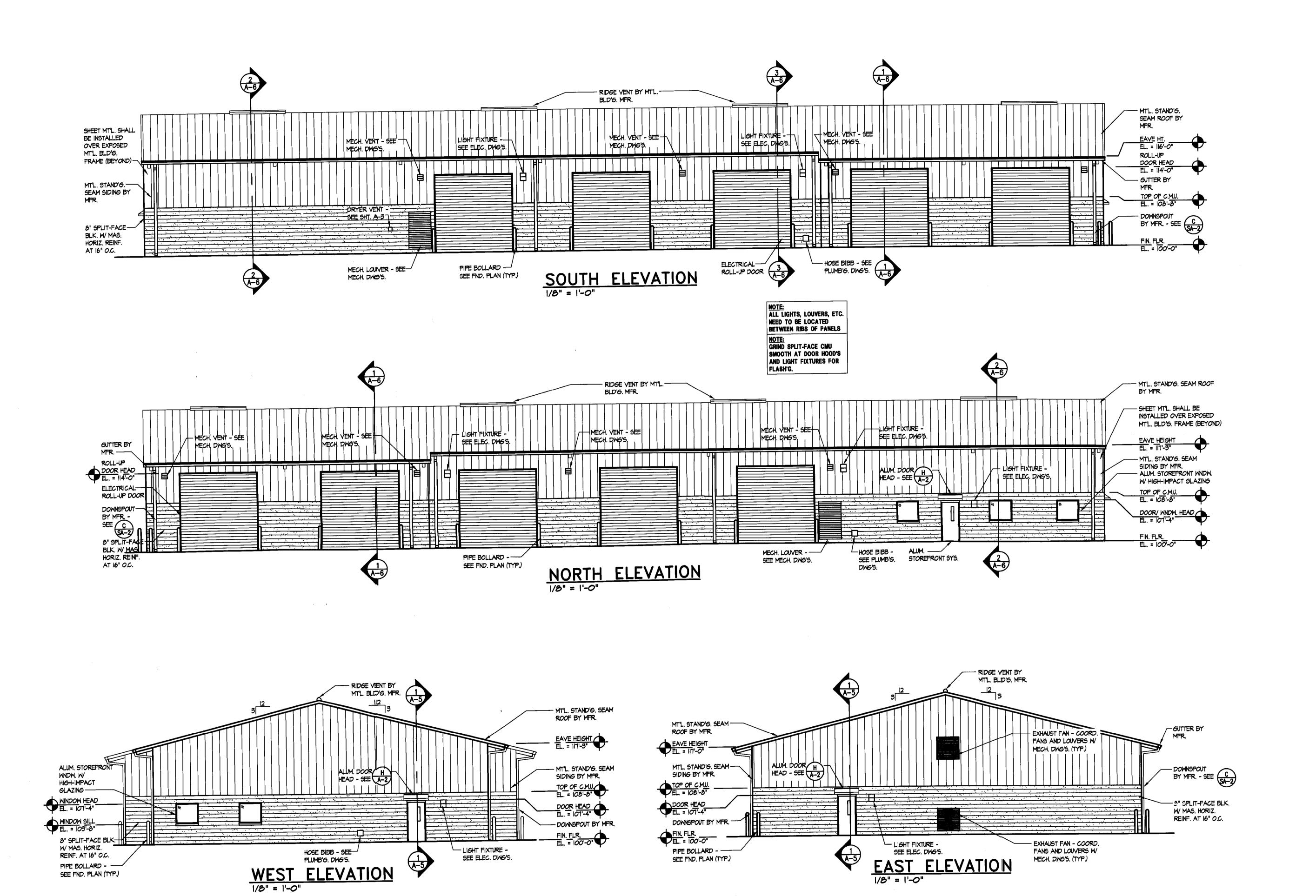
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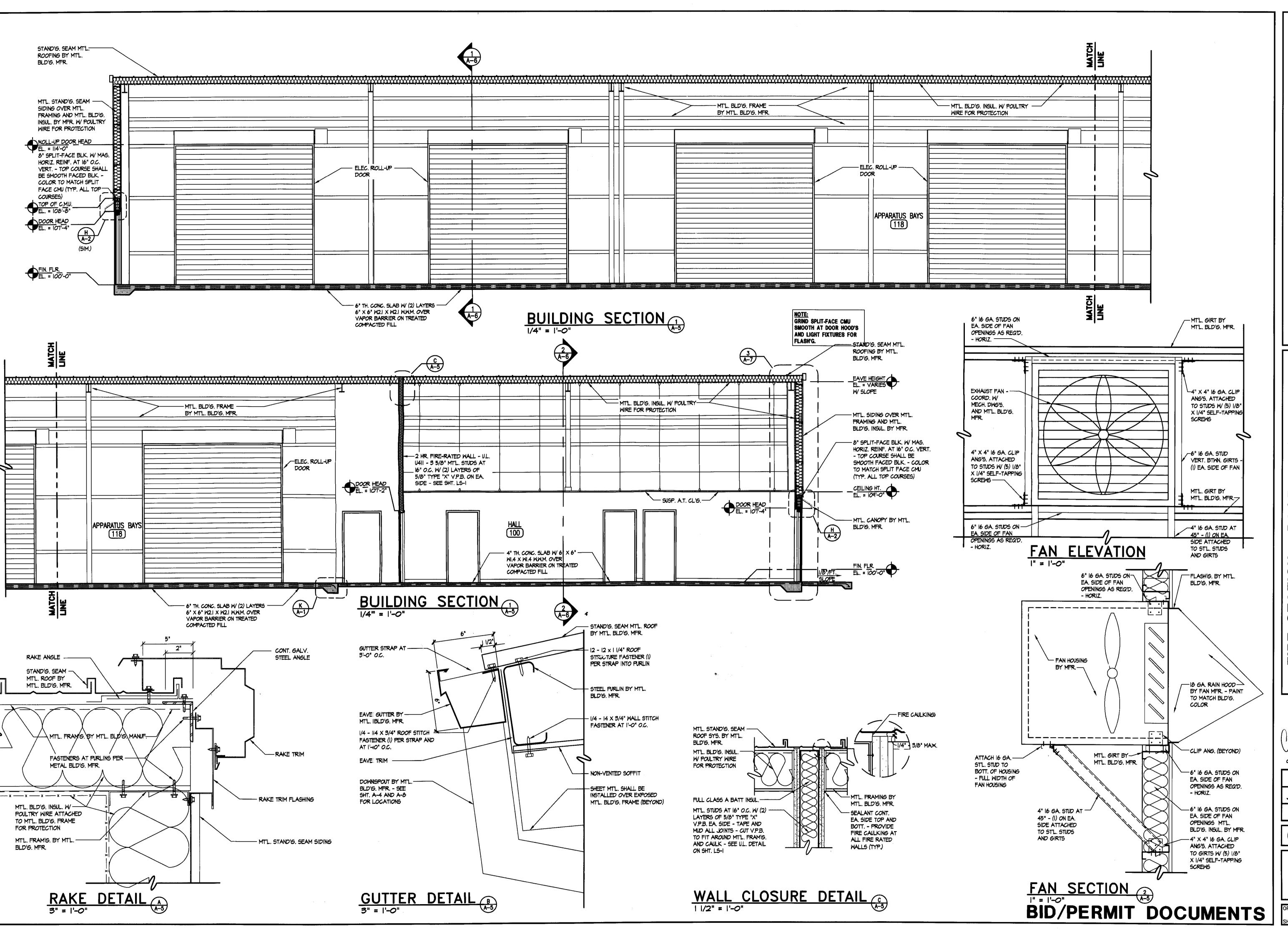
A-3

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A-4

BID/PERMIT DOCUMENTS





CRAIG SALLEY AND ASSOCIATES ARCHITECTS · PLANNERS · INTERIOR DESIGNERS 3911 NEWBERRY ROAD • GAINESVILLE, FLORIDA • LIC. NO. AR0002479 • 352-372-8424

FOR THE COLUMBIA COUNTY COMMISSION
LAKE CITY, FLORIDA

July Sally

CRAIG SALLEY, RA.
FL. REG. NO. 4415

DATE
T/I/OB

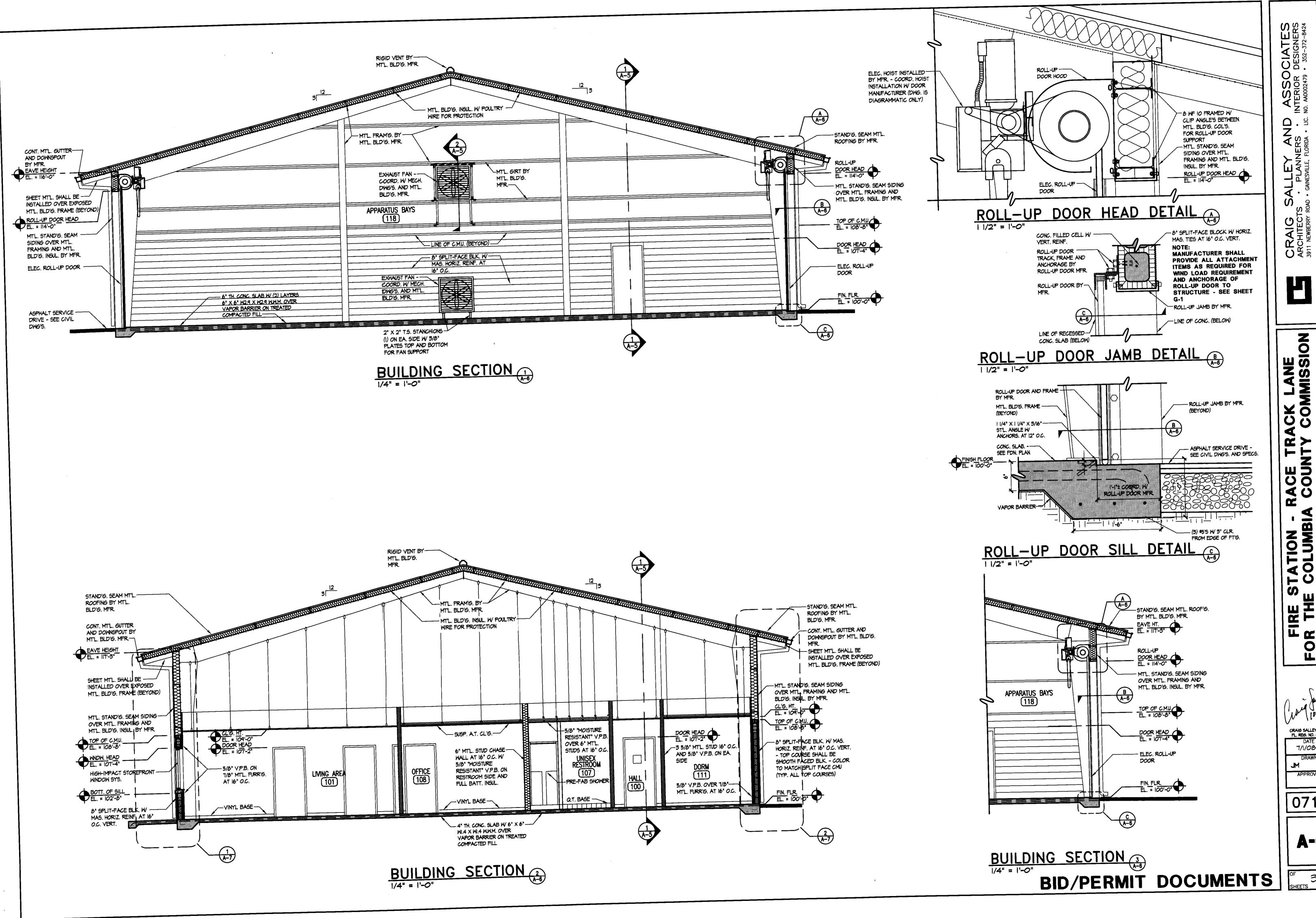
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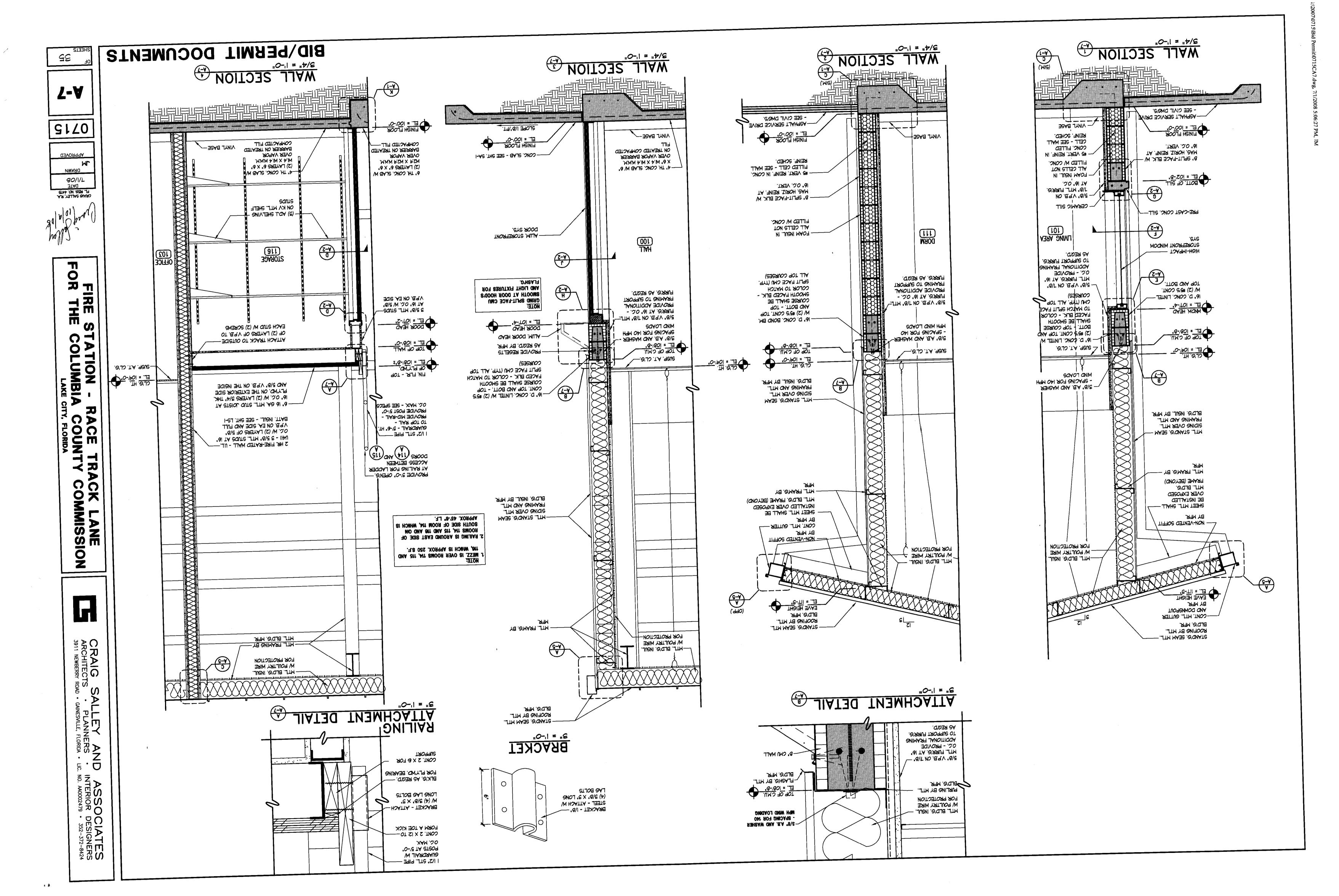
TR STATION - RACE COLUMBIA COUN FIRE S' F0

CRAIG SALLEY, RA. PL. REG. NO. 4475 DATE 7/1/08 APPROVED

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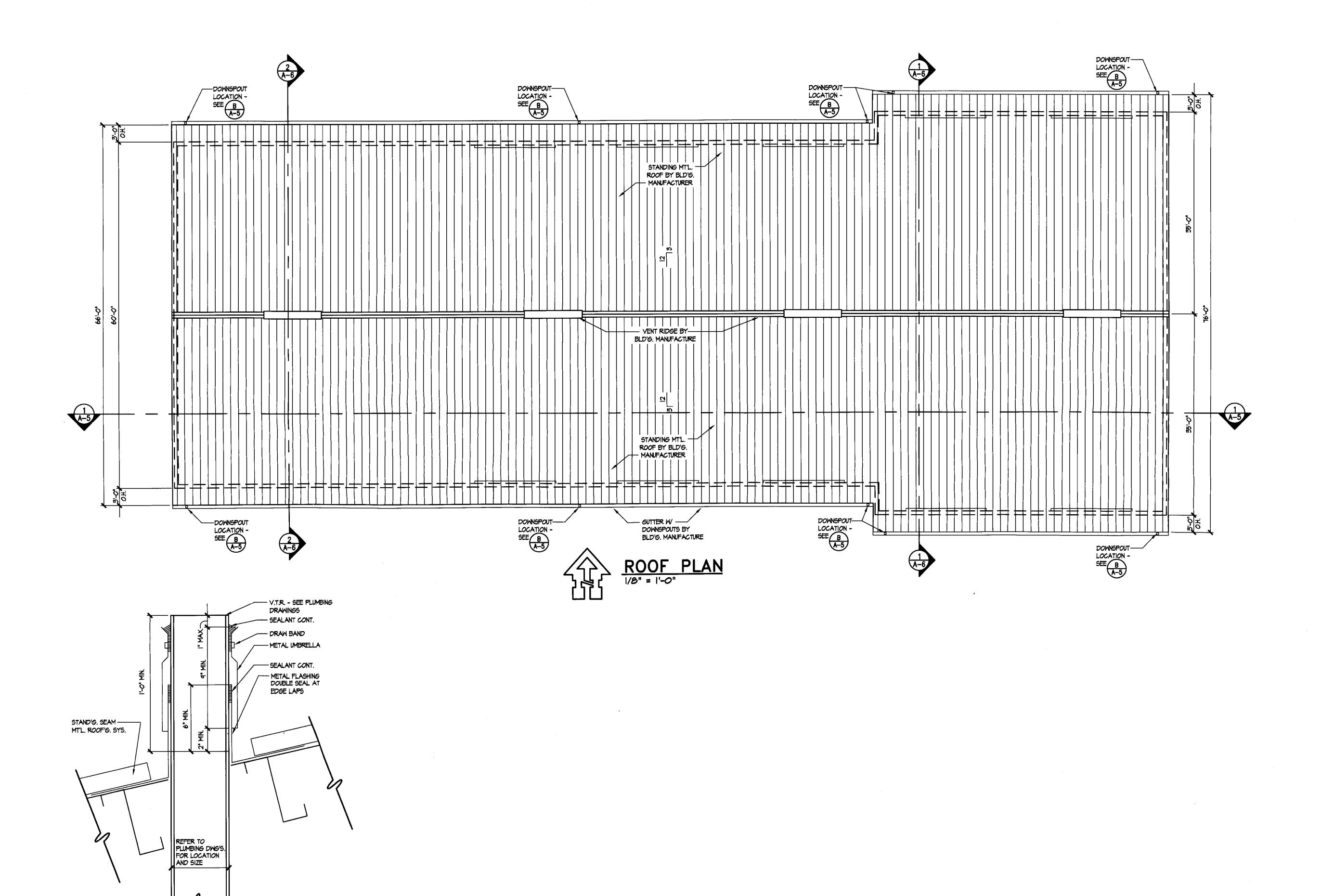
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CRAIG SALLEY, RA. FL. REG. NO. 4415 DATE 7/1/08

A-8



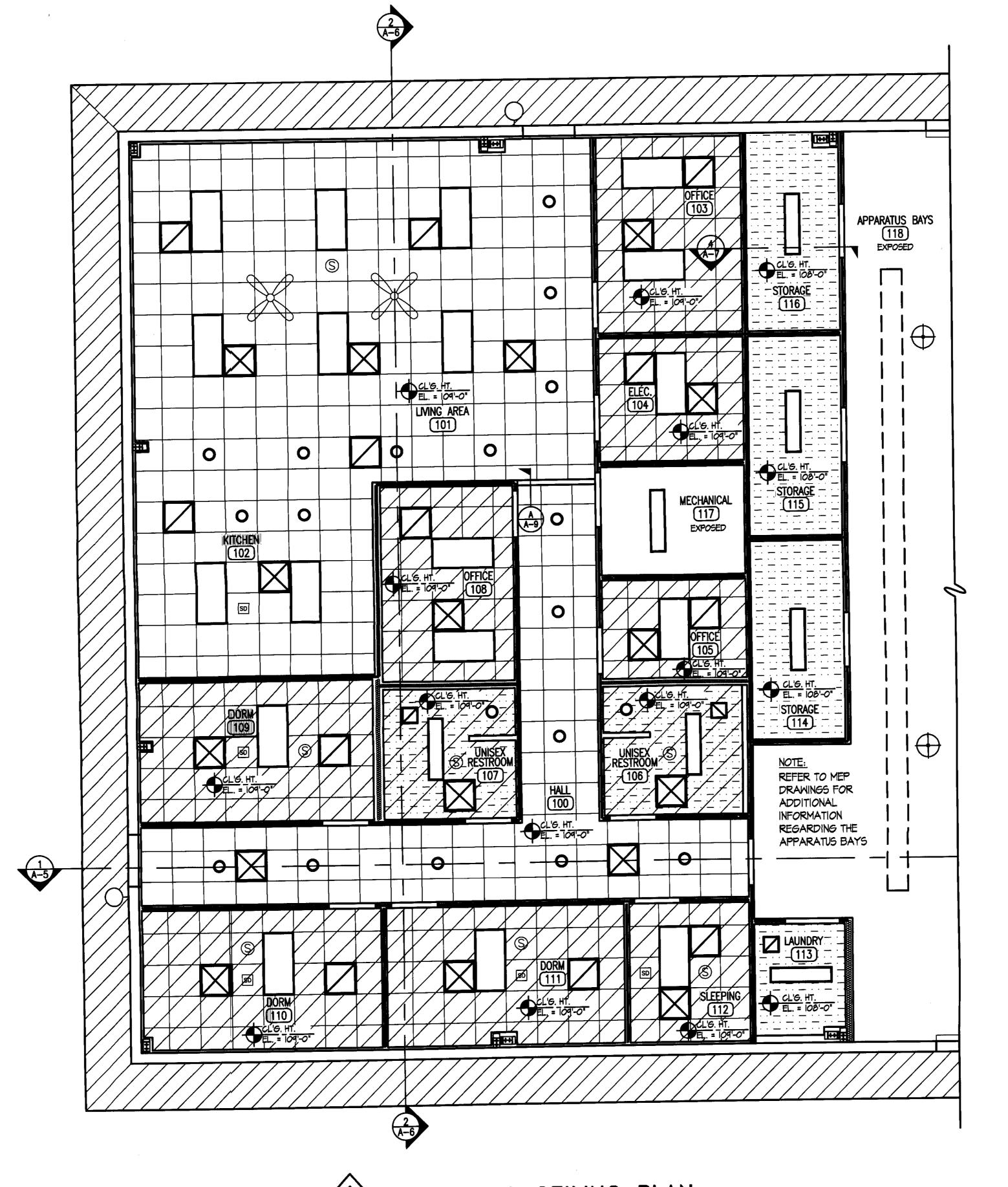
V.T.R. DETAIL

3" = 1'-0"

A-8

A-9





LEGEND

LIGHT FIXTURE -SEE ELECTRICAL DRAWINGS

LIGHT FIXTURE -SEE ELECTRICAL DRAWINGS LIGHT FIXTURE -

SEE ELECTRICAL DRAWINGS EXTERIOR LIGHT FIXTURE -SEE ELECTRICAL DRAWINGS



EXHAUST/RETURN AIR DIFFUSER -SEE MECHANICAL DRAWINGS



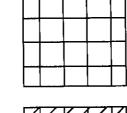
SUPPLY AIR GRILLE -SEE MECHANICAL DRAWINGS



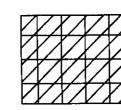
CEILING FAN - SEE ELECTRICAL DRAWINGS -(MUST BE SUPPORTED INDEPENDENT OF CEILING)



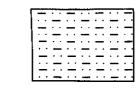
CEILING MOUNTED SPEAKER -SEE ELECTRICAL DRAWINGS



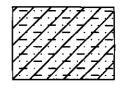
2' X 2' ACOUSTICAL CEILING TILE



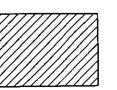
2' X 2' ACOUSTICAL CEILING TILE - INSTALL 4" BATT, INSUL, ON CL'G.



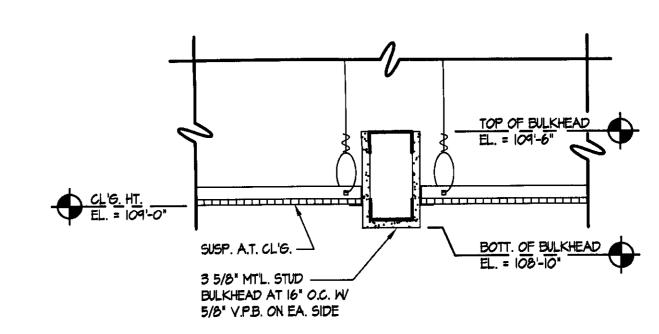
(I) LAYER 5/8" VPB ON 6" 16 GA MT'L. STUDS



(1) LAYER 5/8" VPB ON 6" 16 GA MT'L. STUDS SUSPENDED FROM STRUCTURE APOVE -INSTALL 4" BATT. INSUL. ON



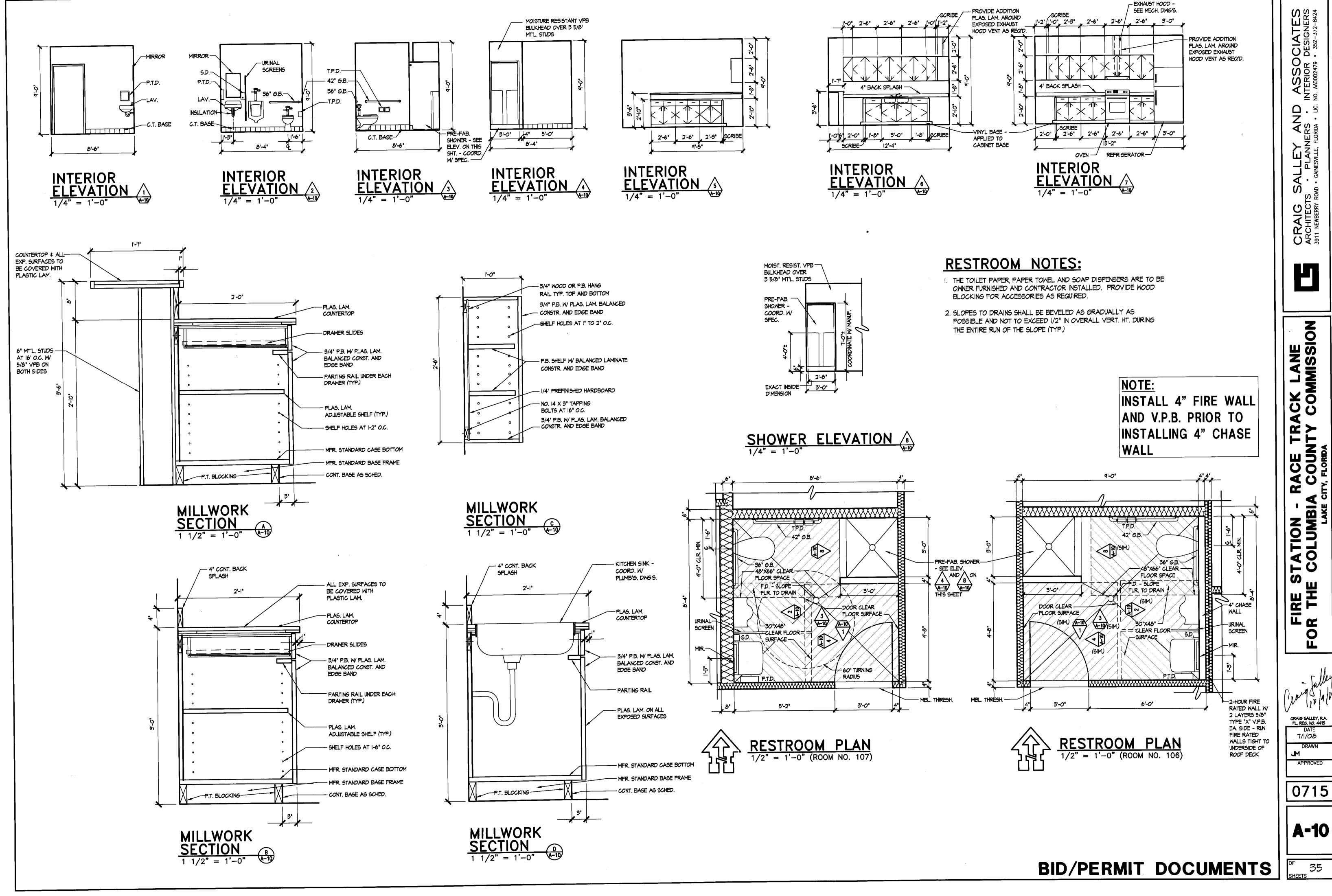
METAL SOFFIT BY MANUFACTURER



BULKHEAD DETAIL

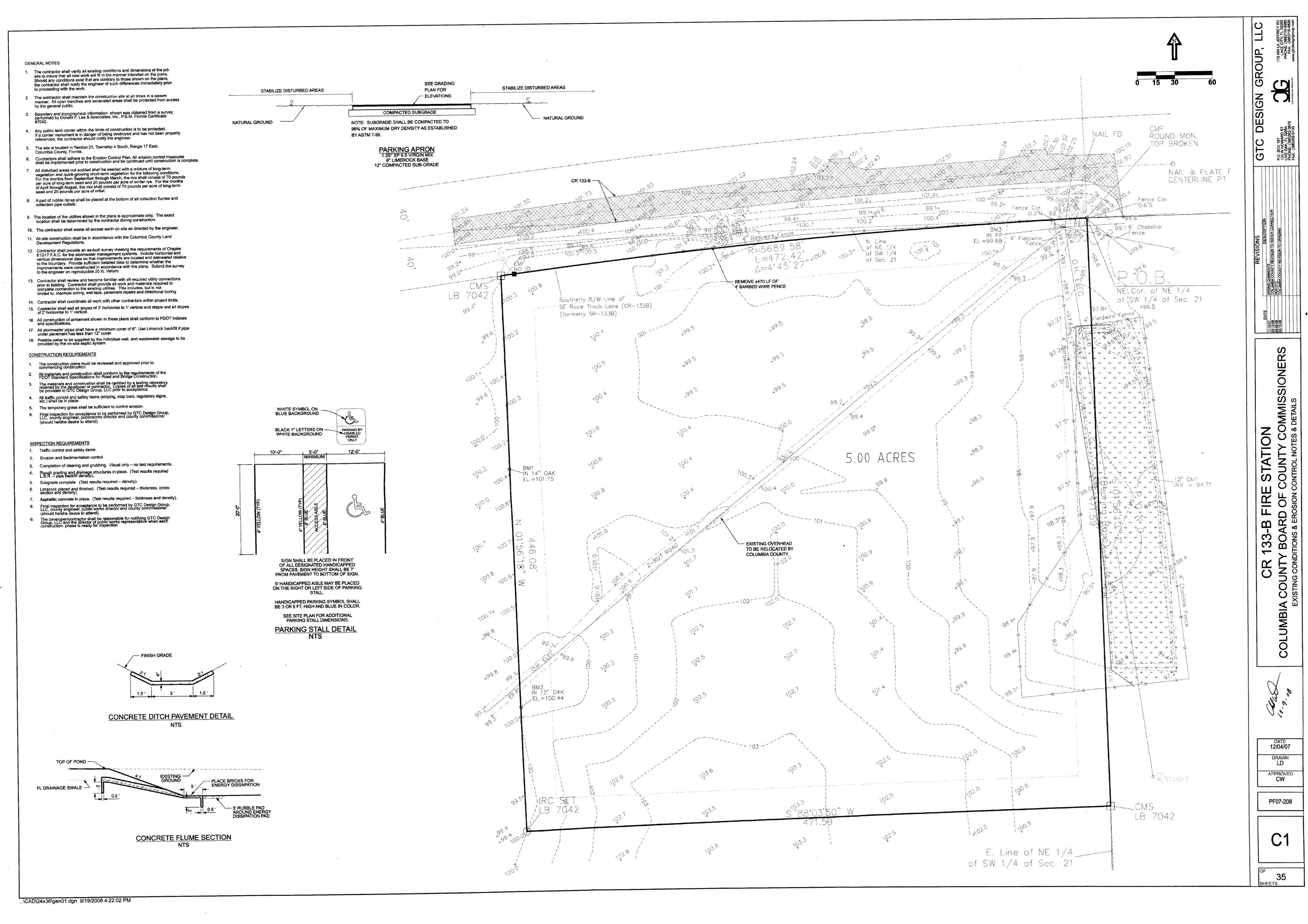
| 1 |/2" = |-0"

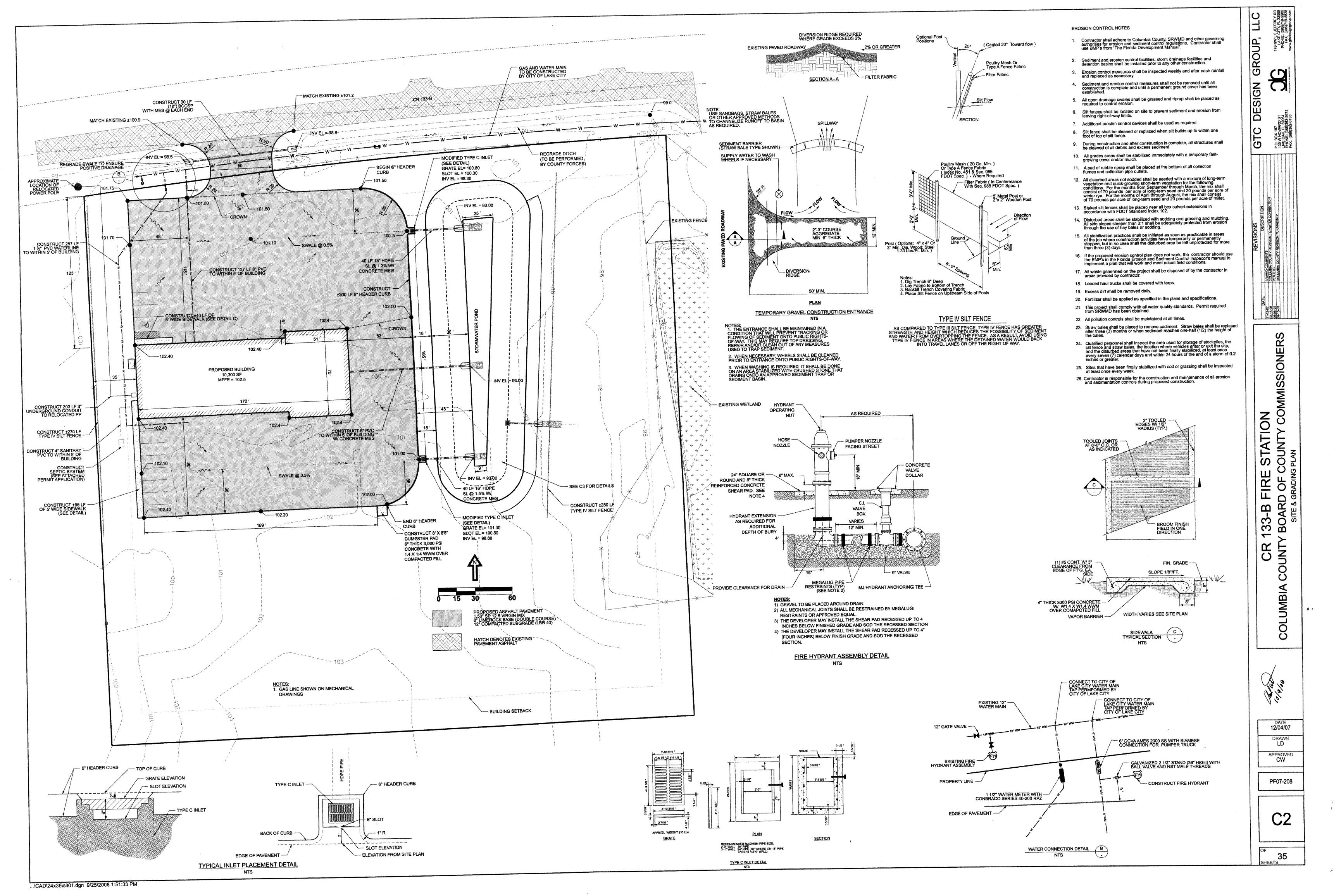
REFLECTED CEILING PLAN

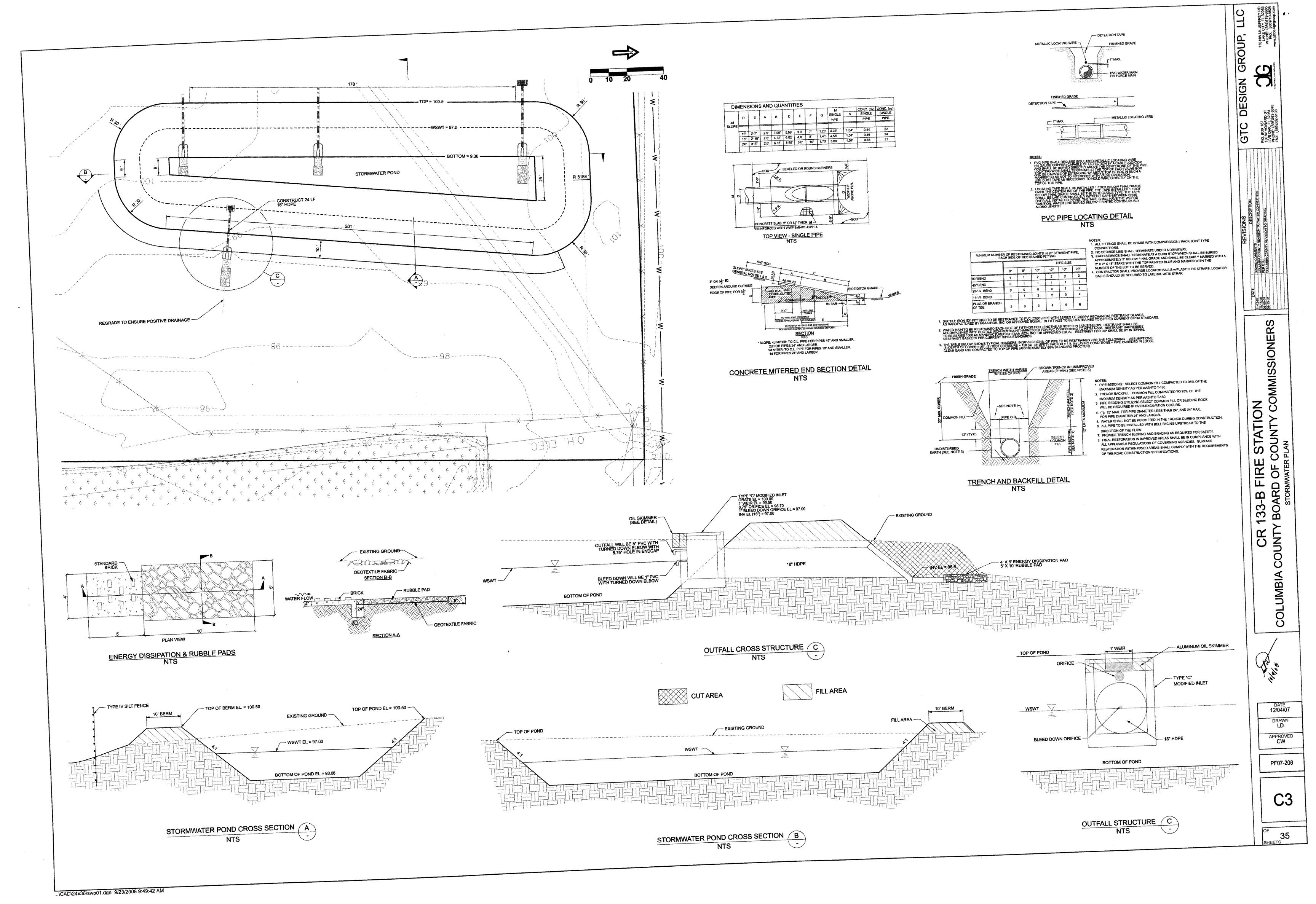


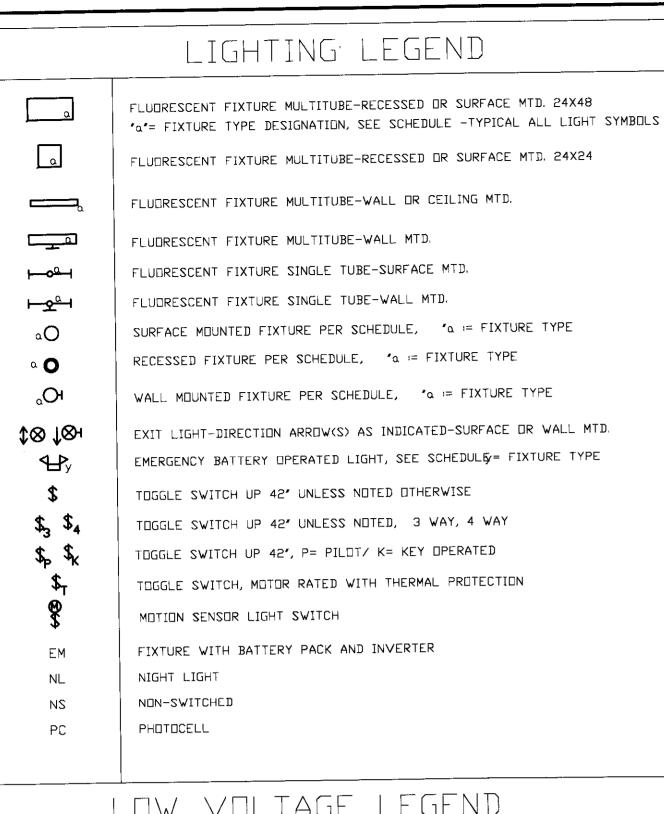
A-10

DATE 7/1/08









LOW VOLTAGE LEGEND

T.V. DUTLET

SPEAKER DUTLET

CALL MTD CARBON MONOXIDE SENSOR

POWER LEGEND

DUPLEX RECEPTACLE

DUPLEX RECEPTACLE GFI

QUADRAPLEX RECEPTACLE SPECIAL PURPOSE RECEPTACLE AS NOTED

JUNCTION BOX

ᄀᅿ₃30

□FCI

C

DATA OUTLET UP 12" UNLESS NOTED- EACH SYMBOL = 2 CAT5E CABLES AND

TWO RJ45 JACKS IN SINGLE GANG BOX. > = (4) CABLES. SEE SPECS.

TELEPHONE OUTLET (VOICE ONLY) UP 12" UNLESS NOTED/ FLOOR OUTLET

DISCONNECT, 3=NO. OF POLES, 30=FRAME SIZE, 15=FUSE, X=NO FUSE

MAGNETIC MOTOR STARTER OR CONTACTOR, 2= NEMA SIZE **区** 2

COMBINATION STARTER AND DISCONNECT 2 **23** 3 15

ELECTRIC MOTOR-VOLTAGE, PHASE & SIZE AS SHOWN

ELECTRICAL LIGHTING OR APPLIANCE PANEL BOARD

ELECTRICAL DISTRIBUTION OR POWER PANEL BOARD

UTILITY METER (PER UTILTIY CO SPECS)

4'X8'/3/4" TELEPHONE TERMINAL BOARD W/ GROUND AND RECEPTACLE

CONDUIT RUN CONCEALED IN WALL OR CEILING

CONDUIT RUN UNDERFLOOR OR UNDERGROUND

HOME RUN TO PANEL,LONG LINE=NEUTRAL OR GND.,SHORT LINE(S)=CIRCUIT(S)

ELECTRIC HEATER

POWER RELAY FOR LIGHTING

DUCT MOUNTED SMOKE DETECTOR

REMOTE TEST STATION WITH TEST SWITCH, LED AND LOCAL HORN

WEATHERPROOF

GROUND FAULT INTERRUPTER G.F.I.

OWNER FURNISHED, CONTRACTOR INSTALLED

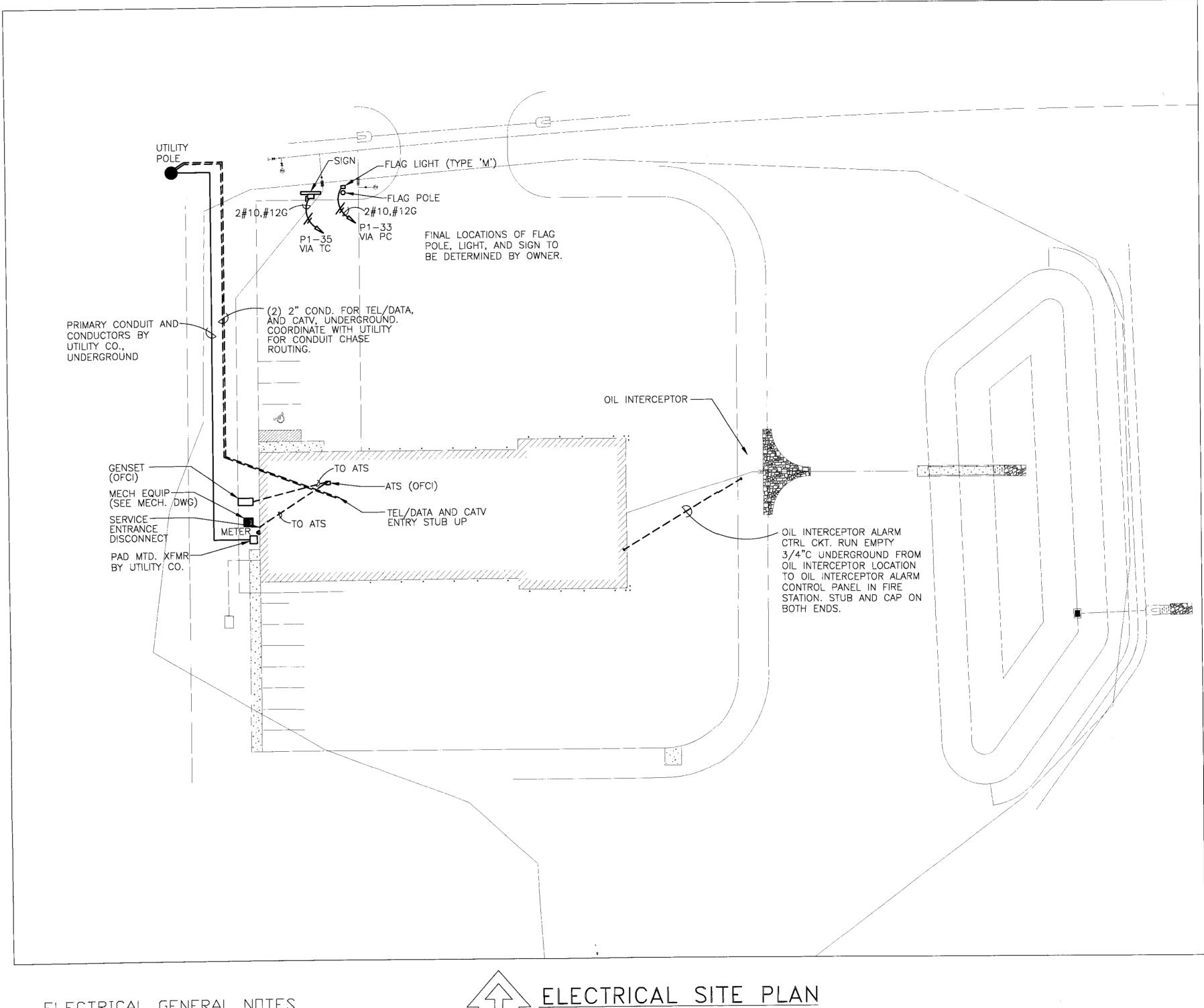
MTD. UP 48" OR ABOVE COUNTERTOP BACKSPLASH

SMOKE DETECTOR-SURFACE OR WALL MTD.

OPEN-CLOSE-STOP PUSH BUTTON CONTROL (SEE PLAN AND SPECS)

EMERGENCY SHUNT TRIP BUTTON

CARBON MONOXIDE SENSOR



ELECTRICAL GENERAL NOTES

1) CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT DRAWINGS DURING CONSTRUCTION.

2) GENERATOR AND ATS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.



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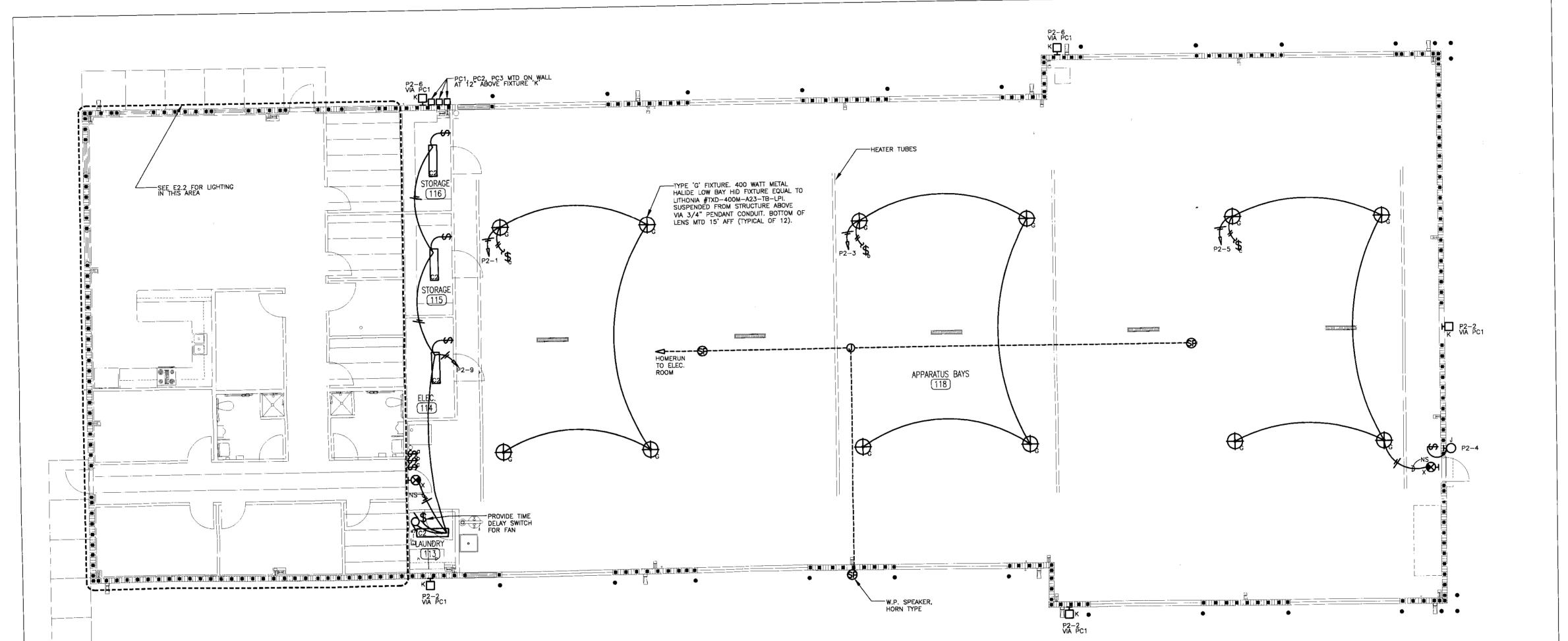
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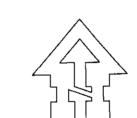


BID / PERMIT DOCUMENTS OF 35 SHEETS



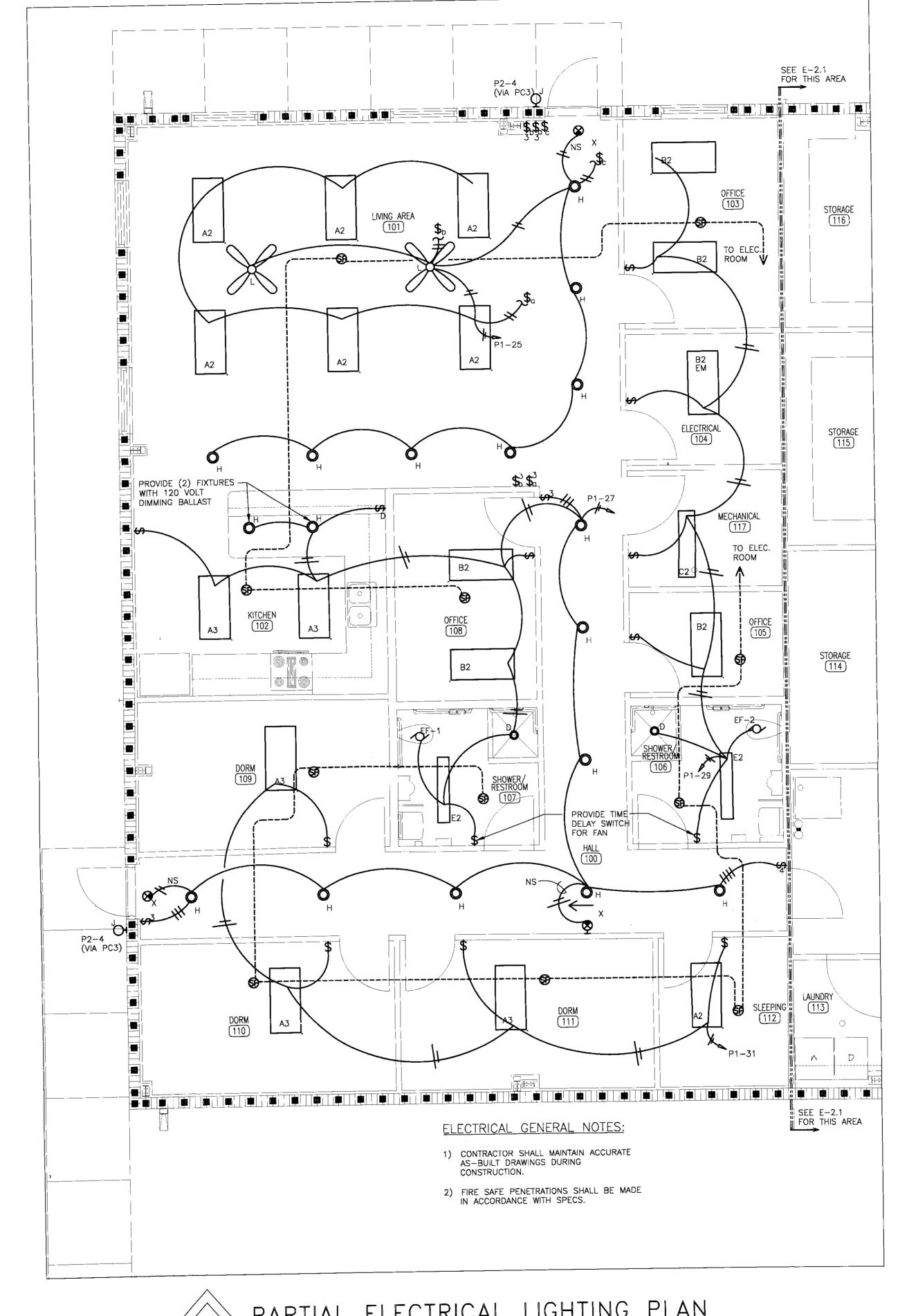
ELECTRICAL GENERAL NOTES

- 1) CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT DRAWINGS DURING CONSTRUCTION.
- FIRE SAFE PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH SPECS.



ELECTRICAL LIGHTING PLAN

	LIGHTING FIXTURES
MARK	DESCRIPTION ENGLISH WITH (6) FOOTS LAMPS
A2	2'X4' FLUORESCENT LAYIN FIXTURE WITH (2) F32T8 LAMPS, INSTALLED WITH AN ELECTRONIC BALLAST. FLAT STEEL, WHITE DOOR FRAME AND PATTERN 12 PRISMATIC LENS, .125" MINIMUM LENS THICKNESS. MODEL NUMBER DAYBRITE #2TG8-232-12-UNV-1/2EB OR APPROVED EQUAL.
А3	2'X4' FLUORESCENT LAYIN FIXTURE WITH (3) F32T8 LAMPS, INSTALLED WITH AN ELECTRONIC BALLAST. FLAT STEEL, WHITE DOOR FRAME AND PATTERN 12 PRISMATIC LENS, .125" MINIMUM LENS THICKNESS. MODEL NUMBER DAYBRITE #2TG8-332-12-UNV-1/3FB OR APPROVED EQUAL.
B2	2'X4' FLUORESCENT PARALOUVER LAYIN FIXTURE. 2-5/8" LOUVERS WITH FULL SPECULAR LOW IRIDESCENCE FINISH IN 2X6 CELL CONFIGURATION. (2) F32T8 LAMPS. FIXTURE INSTALLED WITH AN ELECTRONIC BALLAST. MODEL NUMBER DAYBRITE #2LP3GS- 232-26FL-UNV-1/2EB OR APPROVED EQUAL.
C2	4' LONG FLUORESCENT STRIP CHANNEL, SURFACE MOUNTED FIXTURE WITH (2) F32T8 LAMP. FURNISH WITH ELECTRONIC BALLAST AND WIRE GUARDS. FIXTURE FOR MECHANICAL AND STORAGE ROOMS. MODEL NUMBER DAYBRITE #T232-UNV-1/2EB OR APPROVED EQUAL.
D	6" DIAMETER SHOWER LIGHT, UL LISTED FOR WET LOCATION. 18W CFL LAMP. MODEL NUMBER CAPRI #CM6-FV18U-V65SWR OR APPROVED EQUAL. 4" LONG CEILING MTD FLUORESCENT WRAPAROUND FIXTURE.
E2	INSTALLED WITH SINGLE ELECTRONIC BALLAST AND (2)F32T8 LAMPS. PATTERN 12 LENS. UL LISTED FOR DAMP LOCATIONS. FIXTURE FOR RESTROOMS. MODEL NUMBER DAYBRITE #OWN232-UNV-1/2EB OR APPROVED EQUAL.
F	NOT USED
G	SEE LIGHTING PLAN.
Н	8" DIAMETER RECESSED CAN, DOWNLIGHT, 18W CFL LAMP. LOW IRIDESCENT CLEAR REFLECTOR. FIXTURE FOR CORRIDORS. MODEL NUMBER CAPRI #CM8-FV18U-V85 OR APPROVED EQUAL. PROVIDE FIXTURE WITH DIMMING BALLAST IF NOTED ON PLANS.
J	EXTERIOR WALL BRACKET FOR ENTRIES, CONTROLLED VIA PC. INCANDESCENT. MODEL NUMBER CAPRI #SL8753 OR APPROVED EQUAL.
К	EXTERIOR WALL PACK FOR PARKING LOT LIGHTING. 400 WATT METAL HALLIDE LAMP. DIE CAST ALUMINUM HOUSING. DARK BRONZE FINISH. UL LISTED FOR WET LOCATION. MODEL NUMBER NITEBRITES #WLL400MTT OR APPROVED EQUAL.
L	CEILING MOUNTED 52" INDOOR PADDLE FAN WITH WHITE FINISH. 3 SPEED REVERSIBLE MOTOR. MODEL NUMBER THOMAS LIGHTING
М	FLAG POLE SPOT LIGHT. PAR LAMP FLOODLIGHT WITH 250 WATT METAL HALIDE LAMP AT 120V. NARROW SPOT LAMP DISTRIBUTION. UL LISTED FOR WET LOCATION. EXTRUDED ALUMINUM BODY. FULLY GASKETED. TEMPERED GLASS LENS. MODEL NUMBER NITE BRITES #FLP250M12-NSLP OR APPROVED EQUAL.
Х	UNIVERSAL MOUNT WHITE ABS EXIT SIGN WITH RED LED LAMP, UNIVERSAL FACE WITH CHEVRON DIRECTIONAL KNOCKOUTS, 120/277 SELECTABLE VOLTAGE. MODEL NUMBER BEGHELLI #VA4RSA.
Y	WHITE ABS TWIN HEAD EMERGENCY LIGHT WITH TWO HALOGEN EMERGENCY HEADS. MODEL NUMBER BEGHELLI #XLPS1.





CRAIG SALLEY AND ASSOCIATES ARCHITECTS • PLANNERS • INTERIOR DESIGNERS 5911 NEWBERRY ROAD • GAINESVILLE, FLORIDA • LIC. NO. A0002479 • 352-372-8424

FOR THE COLUMBIA COUNTY COMMIS

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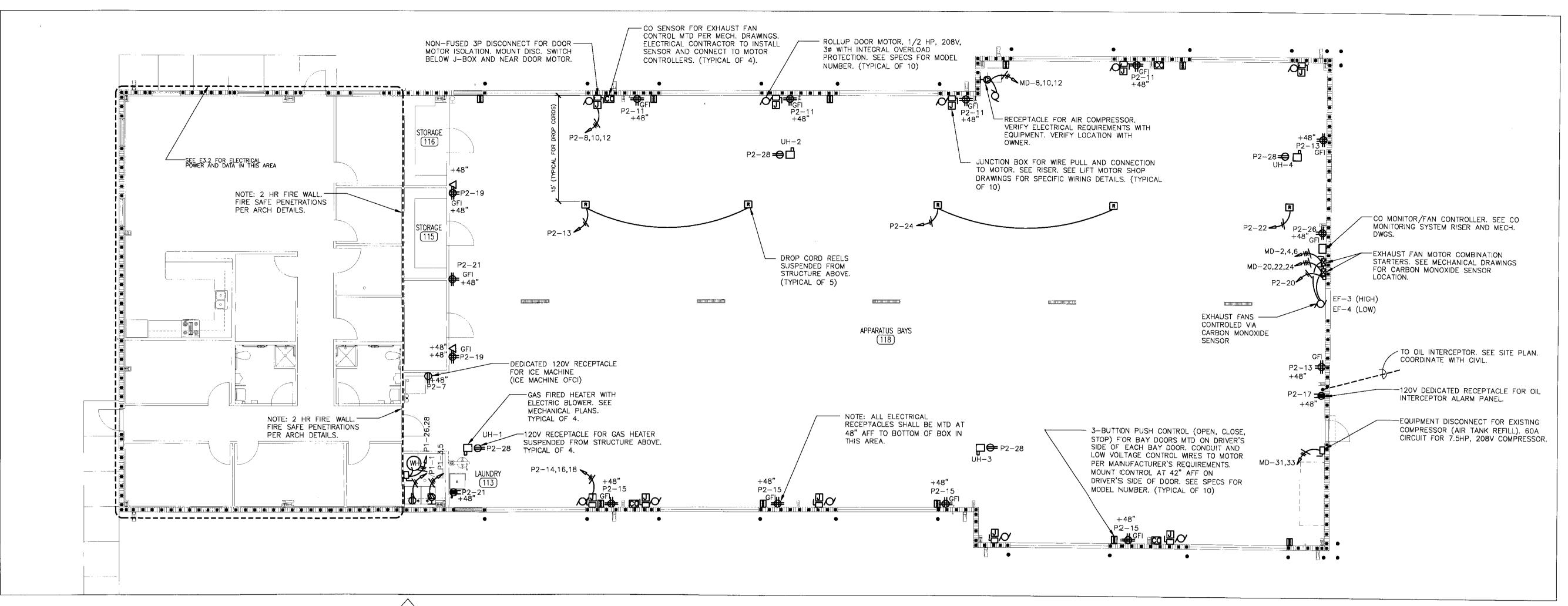
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E-2.2

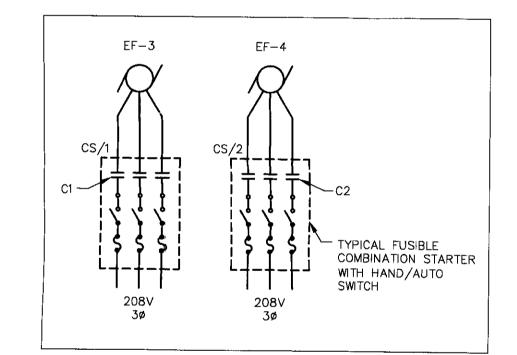
E-3.1



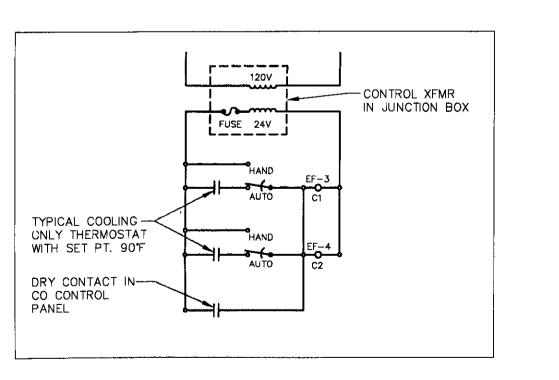
ELECTRICAL GENERAL NOTES

- 1) CONTRACTOR SHALL MAINTAIN ACCURATE AS—BUILT DRAWINGS DURING CONSTRUCTION.
- FIRE SAFE PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH SPECS.
- 3) GENERATOR AND ATS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
- 4) DOOR MOTORS ARE FURNISHED WITH CONTROLLERS THAT INCLUDE REVERSING STARTERS AND THERMAL OVERLOAD PROTECTION.

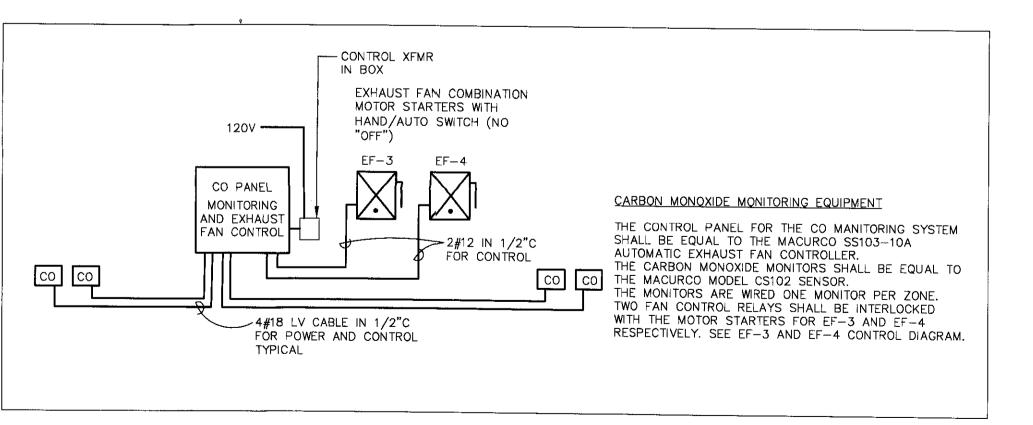




EF-3 & EF-4 POWER WIRING DIAGRAM



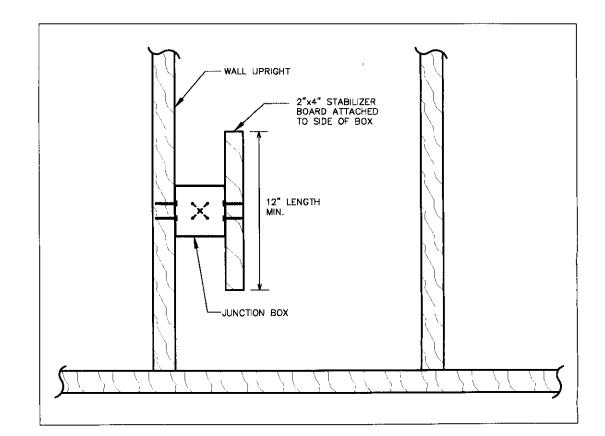
EF-3 & EF-4 CONTROL DIAGRAM



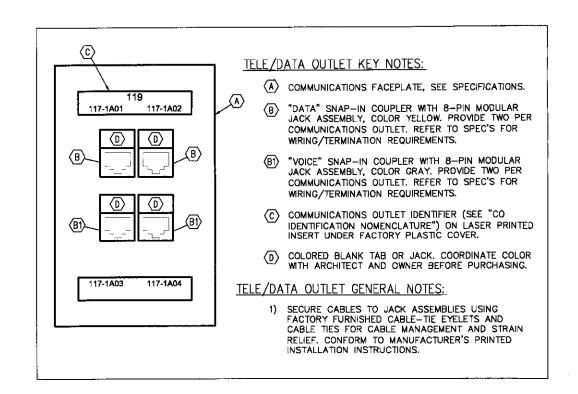
CO MONITORING SYSTEM/EF-3 & EF-4 CONTROL RISER

BUSHING TO PREVENT INSULATION -STRIPPING. EQUAL TO ARLINGTON INDUSTRIES INSULATING BUSHING ATTACH TO STRUCTURE ABOVE. (SIZE AS NEEDED, TYP) CABLE HANGERS. ARLINGTON INDUSTRIES HARDWARE "THE LOOP" — 1" C MIN. CONCEALED IN WALL W/4 CAT5E COILED AND TAGGED/LABELED IN SERVER ROOM. OWNER WILL TERMINATE. — DATA OUTLET BOX (SEE SPECS FOR MODEL NUMBERS AND SHEET).

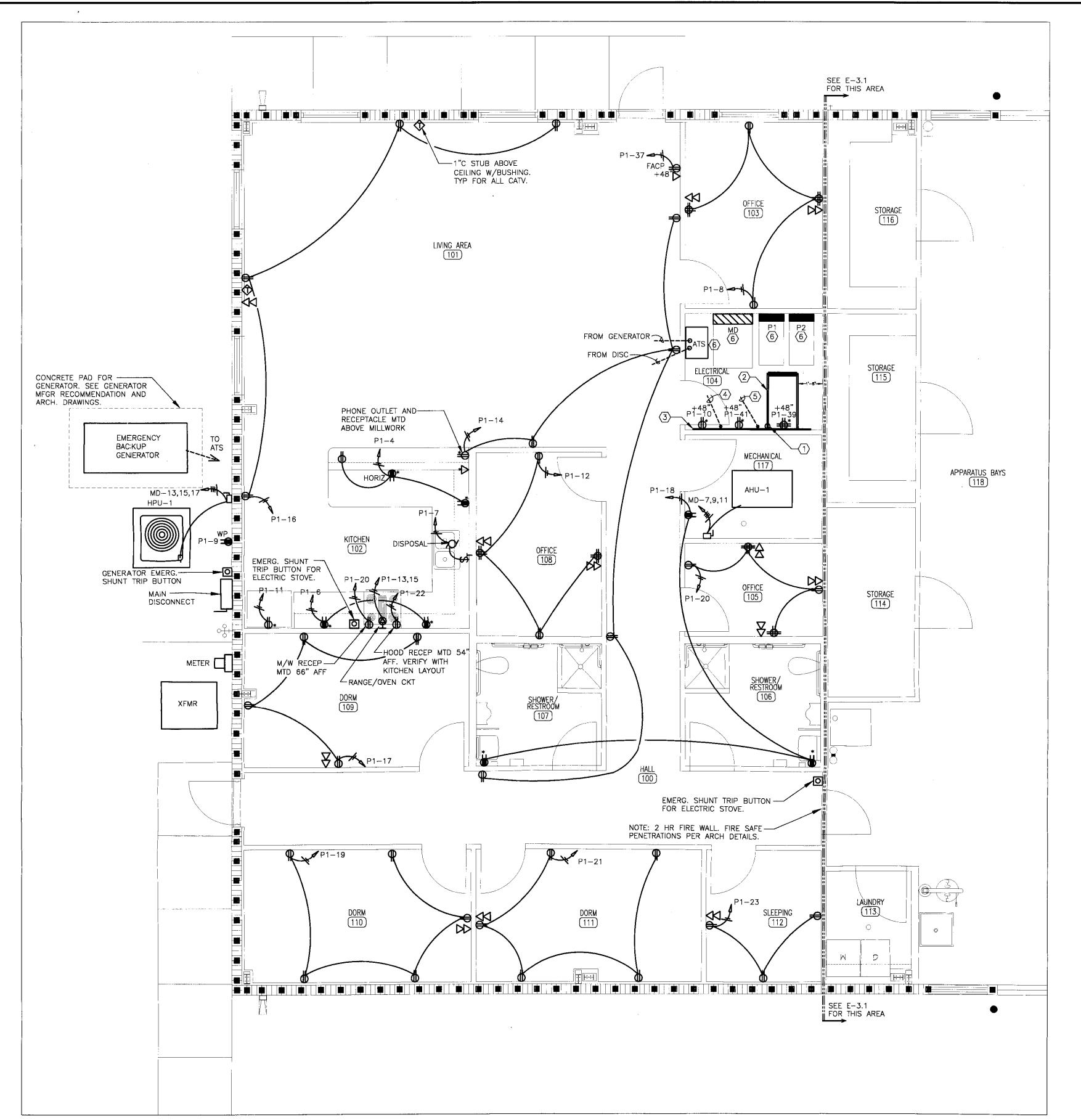
DATA RACEWAY DETAIL



JUNCTION BOX DETAIL
NO SCALE



DATA OUTLET DETAIL
NO SCALE



ELECTRICAL POWER PLAN

KEYED ELECTRICAL NOTES

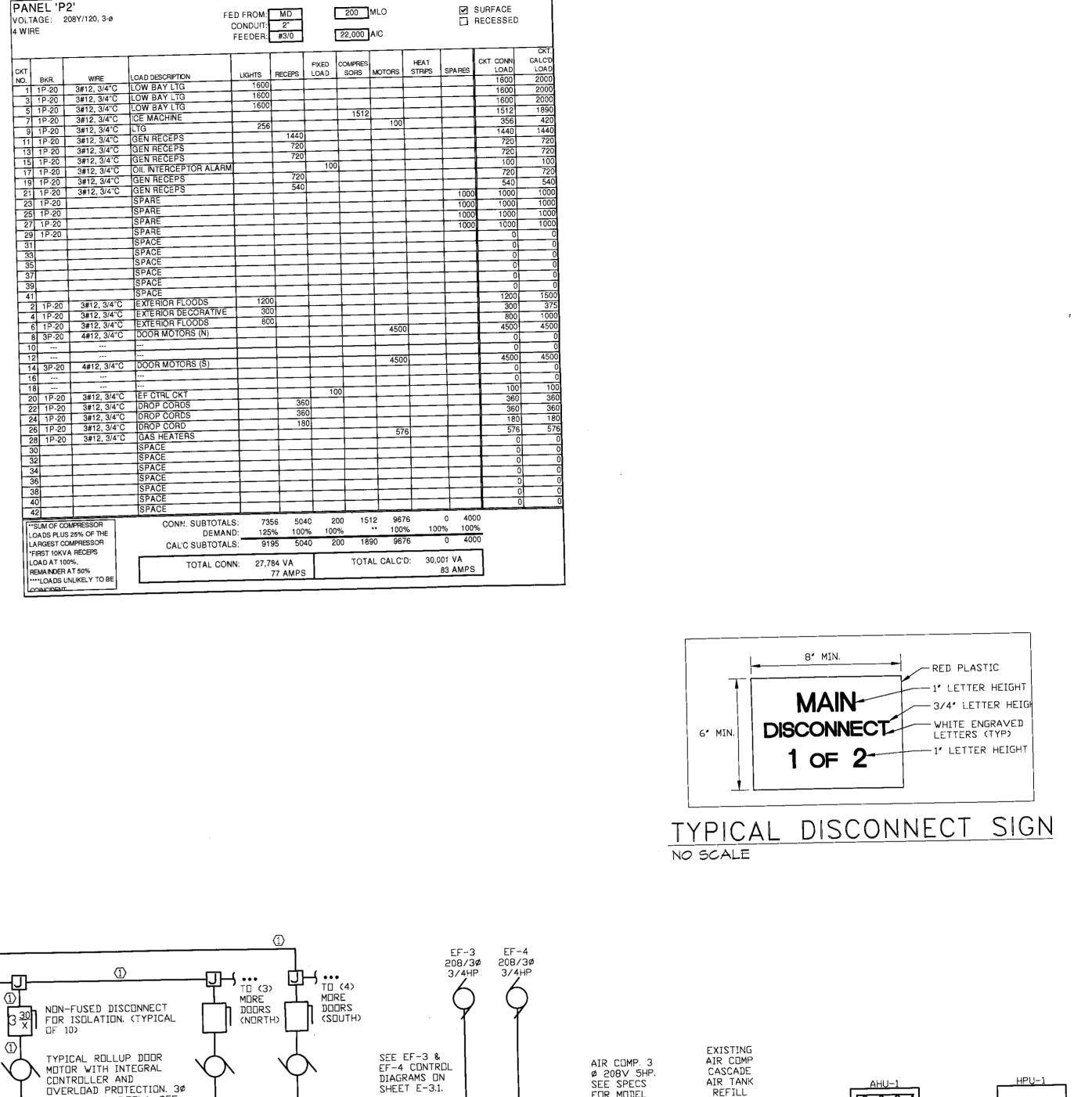
- 4" DIAMETER PVC (GRAY) CHASE THRU CEILING FOR DATA AND PA SYSTEM. SEE DATA RACEWAY DETAIL THIS SHEET.
- 2 PANDUIT DATA RACK 25"X46" (20" FROM WALL) PROVIDED AND INSTALLED BY OWNER.
- (2) 4'X8'X3/4" PLYWOOD BACKBOARDS PAINTED WITH GRAY FIRE RETARDENT PAINT. MOUNTED VERTICALLY AT 6" AFF.
- (4) 2" CONDUIT CHASE FOR CATV. SEE SITE PLAN.
- (5) 2" CONDUIT CHASE FOR TEL/DATA. SEE SITE PLAN.
- SURFACE MOUNTED ELECTRICAL PANEL/DEVICE MOUNTED ON 5/8" UNI-STRUT.

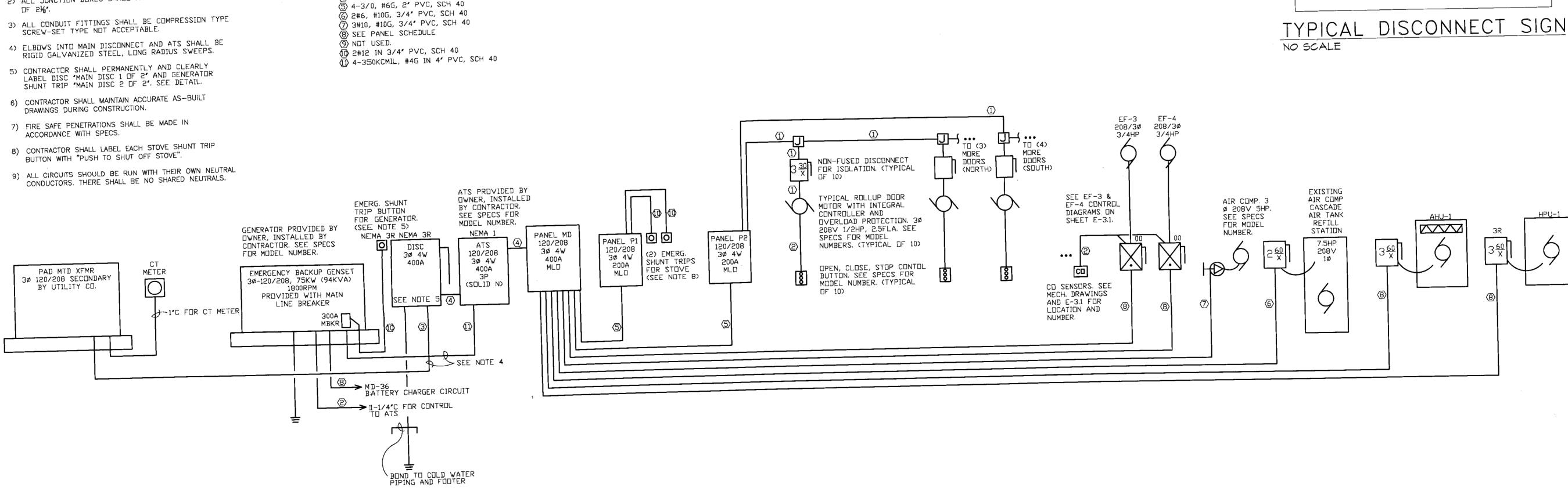
ELECTRICAL GENERAL NOTES

- 1) CONTRACTOR SHALL MAINTAIN ACCURATE AS—BUILT DRAWINGS DURING CONSTRUCTION.
- 2) FIRE SAFE PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH SPECS.
- 3) SEE JUNCTION BOX DETAIL FOR ALL BOXES TO BE INSTALLED IN WALLS.
- 4) GENERATOR AND ATS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
- 5) SEE SPECS FOR SPECIFIC MODEL NUMBERS AND COLORS FOR DEVICES AND COVER PLATES.

LOW VOLTAGE GENERAL NOTES

- 1) CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT, CATSE CABLING AND BOXES PER PLAN FOR DATA. CONTRACTOR SHALL PULL (4) CATSE CABLES PER DATA OUTLET. CONTRACTOR SHALL CONNECT (2) CABLES PER OUTLET AND LEAVE THE OTHER (2) CABLES UNCONNECTED. ALL CABLES WILL BE TERMINATED BY OWNER IN THE SERVER ROOM. PROVIDE A MINIMUM LENGTH OF 15' (COILED AND LABELED) IN THE SERVER ROOM FOR OWNER TO MAKE TERMINATIONS. SEE DETAILS ON THIS SHEET.
- 2) ALL DATA OUTLETS SHALL HAVE MODEL NUMBERS AS WRITTEN IN THE SPECS. SEE SPECS FOR SPECIFIC BRANDS AND MODELS.
- 3) SEE DETAILS, THIS SHEET, FOR DATA RACEWAY AND JUNCTION BOX INSTALLATION.





SURFACE

☐ RECESSED

CKT, CONN

ELECTRICAL RISER DIAGRAM NO SCALE

PANEL 'P1'

SURFACE

RECESSED

CKT. CONN LOAD 43004

PANEL 'MD'

l4 WIRE

VOLTAGE: 208Y/120, 3-Ø

7 3P-40 3#8,#10G, 3/4"C AHU-1

19 3P-200 SEE RISER PANEL P2

2P-60 2#6,#10G, 3/4"C COMPRESSOR (FOR A

8 3P-30 SEE RISER AIR COMPRESSOR***

20 3P-20 4#12, 3/4"C EXHAUST FAN

**SUM OF COMPRESSOR LOADS

*FIRST 10KV A RECEPS LOAD AT

PLUS 25% OF THE LARGEST

100%, REMAINDER AT 50%

****LOADS UNLIKELY TO BE

COMPRESSOR

COINCIDENT

36 1P-20 3#12, 3/4"C | GENSET BATT CHARGE

FED FROM: MD CONDUIT: 4" FEEDER: 600

400 MAINBKR

RECEPS LOAD SORS MOTORS STRIPS

CONN. SUBTOTALS: 10552 13320 21420 22764 17572 16000

302 AMPS

TOTAL CONN: 108,628 VA

ELECTRICAL GENERAL NOTES

1) ALL CONDUIT SHALL BE EMT UNLESS OTHERWISE

2) ALL JUNCTION BOXES SHALL HAVE A MINIMUM DEPTH

* 100%

TOTAL CALC'D: 111,634 VA

310 AMPS

CAL'C SUBTOTALS: 13190 11660 21420 24792 17572 16000 7000

VOLTAGE: 208Y/120, 3-Ø

NO. BKR. WIRE LOAD DESCR 1 1P-20 3#12, 3/4"C WASHER 3 2P-40 2#8,#10G, 3/4"C DRYER

9 1P-20 3#12, 3/4"C MAINT. RECEP 11 1P-20 3#12, 3/4"C REF

15 --- 3#12, 3/4"C DORM

19 1P-20 3#12, 3/4"C DORM

21 1P-20 3#12, 3/4"C DORM

21 1P-20 3#12, 3/4"C DORM

23 1P-20 3#12, 3/4"C SLEEP

25 1P-20 3#12, 3/4"C LTG

27 1P-20 3#12, 3/4"C LTG

29 1P-20 3#12, 3/4"C LTG

31 1P-20 3#12, 3/4"C LTG

31 1P-20 3#12, 3/4"C LTG

33 1P-20 SEE PLAN FLAG POLE LIGHT

31 1P-20 SEE PLAN FLAG POLE LIGHT
35 1P-20 SEE PLAN EXTERIOR SIGN
37 1P-20 3#12, 3/4"C FACP
39 1P-20 3#12, 3/4"C COMPUTER RACK
41 1P-20 3#12, 3/4"C TBB
41 1P-20 3#12, 3/4"C APPLIANCE
4 1P-20 3#12, 3/4"C APPLIANCE
6 1P-20 3#12, 3/4"C APPLIANCE
8 1P-20 3#12, 3/4"C APPLIANCE
10 1P-20 3#12, 3/4"C OFFICE RECEPS
10 1P-20 3#12, 3/4"C GEN RECEP
12 1P-20 3#12, 3/4"C GEN RECEP
14 1P-20 3#12, 3/4"C GEN RECEPS
16 1P-20 3#12, 3/4"C GEN RECEPS
16 1P-20 3#12, 3/4"C GEN RECEPS
17 1P-20 3#12, 3/4"C GEN RECEPS
18 1P-20 3#12, 3/4"C GEN RECEPS
19 1P-20 3#12, 3/4"C GEN RECEPS
19 1P-20 3#12, 3/4"C GEN RECEPS
20 1P-20 3#12, 3/4"C GEN RECEPS
21 1P-20 3#12, 3/4"C GEN RECEPS
22 1P-20 3#12, 3/4"C GEN RECEPS
23 1P-20 3#12, 3/4"C GEN RECEPS
24 1P-20 3#12, 3/4"C GEN RECEPS
25 29-35 3#10, 3/4"C WH-1

30 1P-20 3#12, 3/4"C SMOKE DETECTORS 32 1P-20 SPARE

32 1P-20 | SPARE 34 1P-20 | SPARE

LOADS UNLIKELY TO B

PLUS 25% OF THE LARGEST

FIRST 10KVA RECEPS LOAD AT

WIRE/CONDUIT SCHEDULE

SEE CO SENSOR RISER, SHEET E-3.1

4-600KCMIL, #3G IN 4' PVC, SCH 40

3 4-600KCMIL IN 4' PVC, SCH 40

100%, REMAINDER AT 50%

COMPRESSOR

(1) 3#12 IN 3/4°C, EMT

**SUM OF COMPRESSOR LOADS

13 2P-50 2#8,#10G, 3/4"C RANGE/OVEN (SHUNT TRI

FED FROM: MD CONDUIT: 2"

FEEDER: #3/0

LIGHTS RECEPS LOAD SORS MOTORS

3196 8280 21100 0 1428 6000 3000

125% 100% 100% 100% 100% 100% 100%

TOTAL CALC'D: 43,803 VA

122 AMPS

CAL'C SUBTOTALS: 3995 8280 21100 0

119 AMPS

TOTAL CONN: 43,004 VA

0

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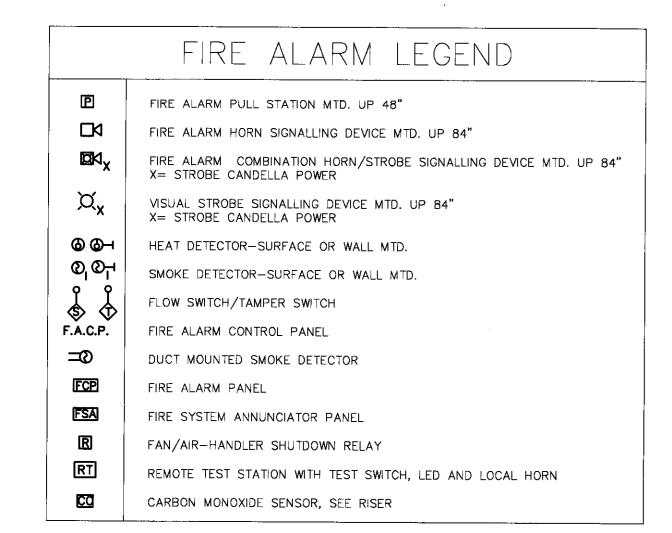
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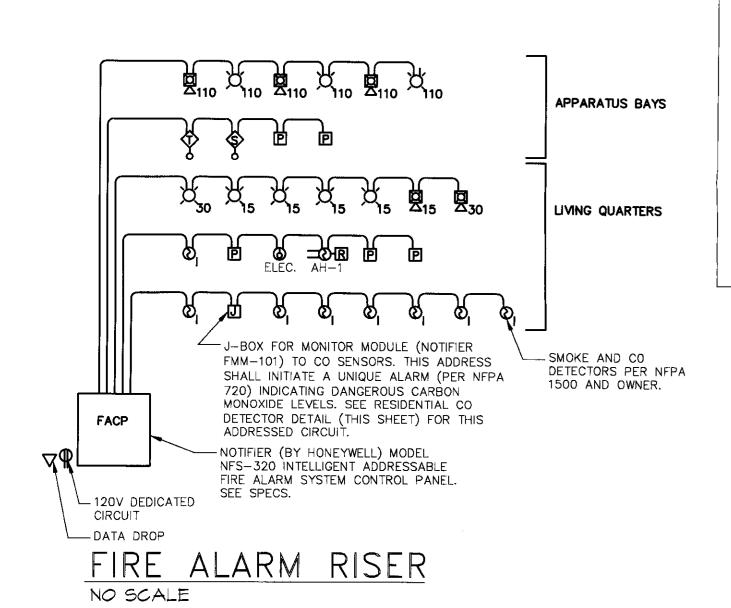
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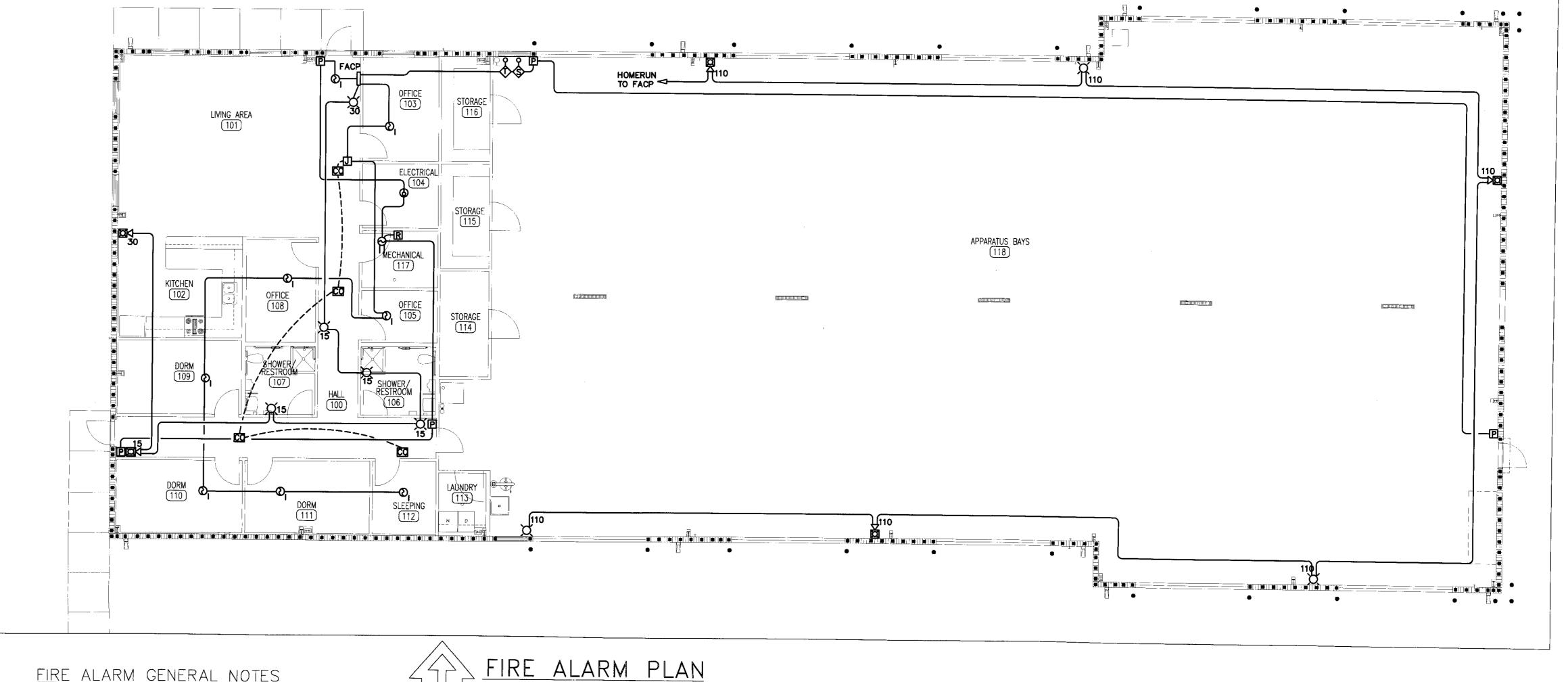
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E-4

CD



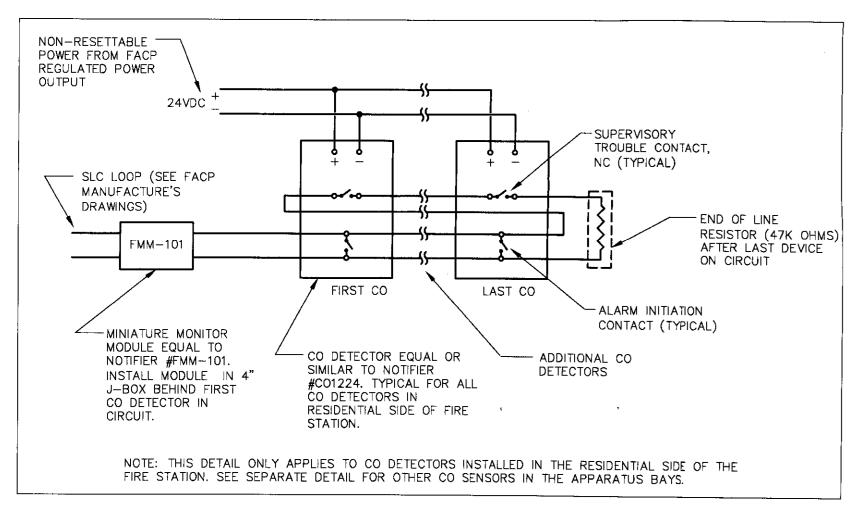




1/8" = 1'-0"

FIRE ALARM GENERAL NOTES

- 1) CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT DRAWINGS DURING CONSTRUICTION.
- 2) FIRE SAFE PENETRATIONS SHALL BE MADE IN ACCORDANCE WITH
- 3) THE FIRE ALARM SYSTEM SHALL BE NOTIFIER MODEL NFS-320. NO SUBSTITUTIONS WILL BE ACCEPTED. SEE SPECS.



RESIDENTIAL CO DETECTOR DETAIL NO SCALE

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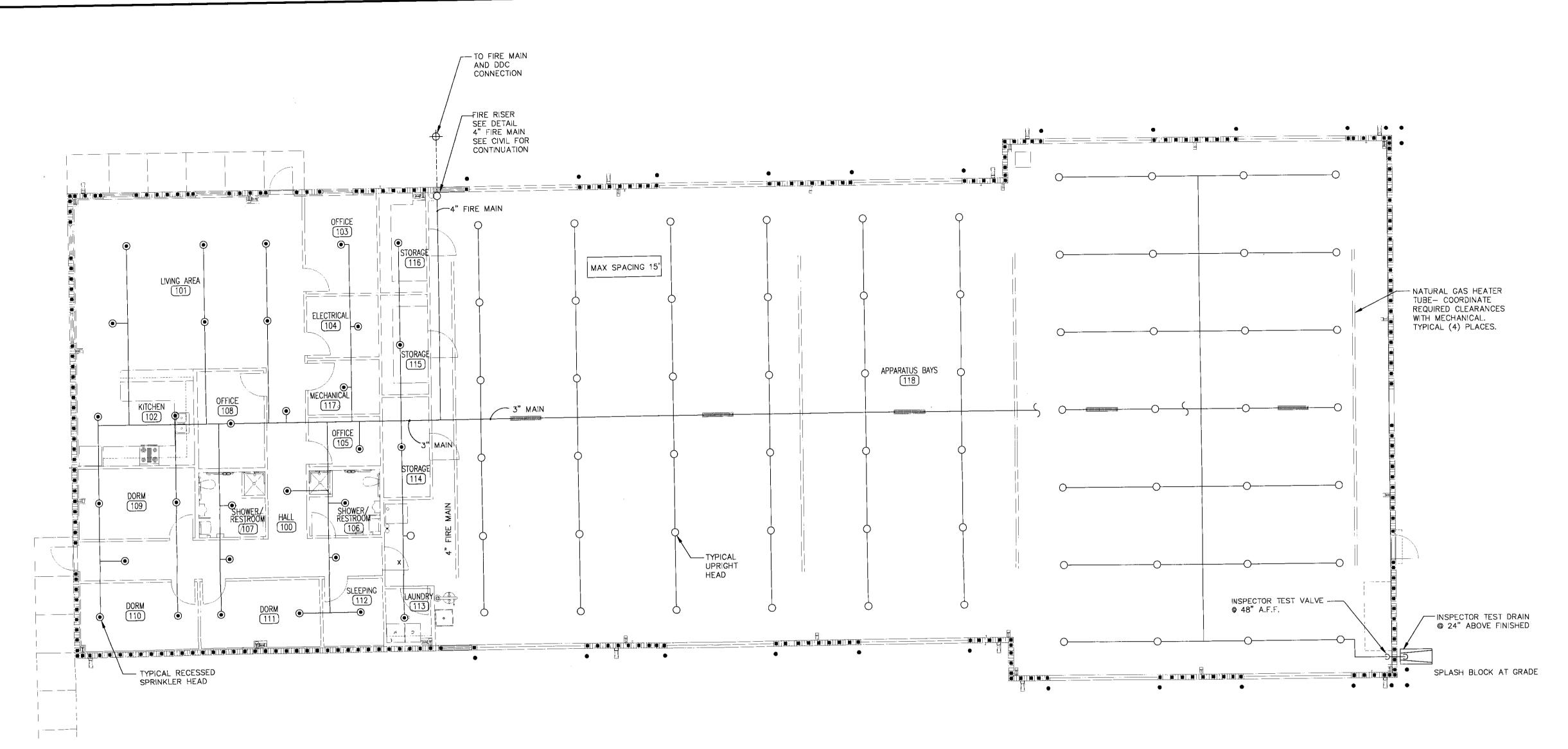
GENERAL NOTES: (FIRE SPRINKLER SYSTEM)
REFER ALSO TO SECTION 15500.

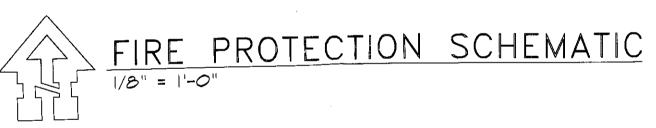
- 1. FIRE SPRINKLER SYSTEM SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER WHO SHALL:

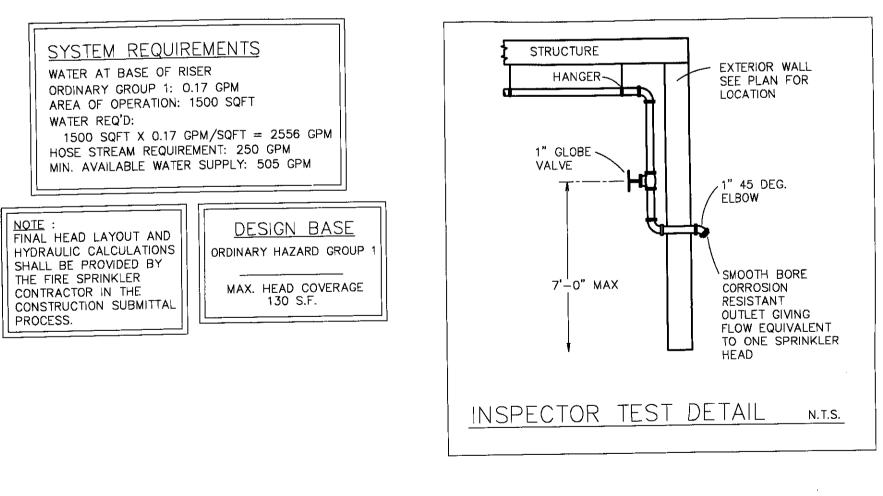
 PREPARE "WORKING PLANS" AND HYDRAULIC CALCULATIONS

 PER NFPA 13 (2002) AND PROVIDE A COPY TO THE ENGINEER FOR COMMENTS;

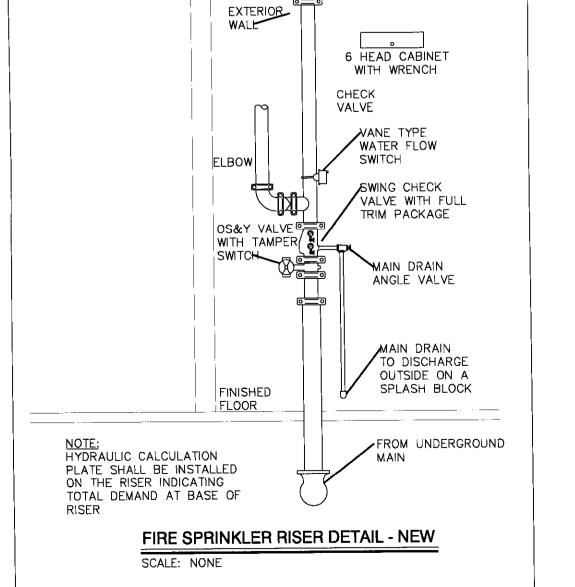
 WITNESS THE FIRE WATER FLOW TEST TO OBTAIN DATA USED IN DESIGNING THE FIRE SPRINKLER SYSTEM;
 PROVIDE AS—BUILT DRAWINGS.
- THE CONTRACTOR SHALL PERFORM A WATER FLOW TEST WITNESSED BY THE GOVERNMENT AND PROVIDE A WATER ANALYSIS OF AVAILABLE WATER FOR THE FIRE SPRINKLER SYSTEM WITHIN 14 DAYS OF AWARD.
- 3. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THE EXISTING UNDERGROUND WATER MAIN.
- THE SPACING OF SPRINKLER HEADS AND SIZES OF PIPES SHALL CONFORM TO THE REQUIREMENTS OF NFPA NO. 13 (2002).
- 5. IN LOCATING SPRINKLER HEADS AND PIPING, CONTRACTOR SHALL COORDINATE THE SPRINKLER LAYOUT WITH THE STRUCTURAL, LIGHTING AND AIR CONDITIONING LAYOUTS AND VERIFY ALL POSSIBLE INTERFERENCES AND CONDITIONS WHICH AFFECT THE DESIGN AND LAYOUT OF THE FIRE SPRINKLER SYSTEM.
- 6. PIPING AND FITTINGS: SPRINKLER PIPING SHALL BE SCHEDULE 40 STEEL PIPE CONFORMING TO SPECIFICATION SECTION 15061 AND 15500. MINIMUM SIZE IS ONE (1") INCH. FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF NFPA NO. 13 (2002).
- 7. PIPE SUPPORTS: HANGERS, CLAMPS, RODS AND OTHER ACCESSORIES OF AN APPROVED TYPE AND IN SUFFICIENT NUMBER TO PROPERLY SUPPORT ALL PIPING SHALL BE FURNISHED AND INSTALLED, PIPING SHALL BE SUPPORTED BY ROUND WROUGHT U—TYPE APPROVED ADJUSTABLE HANGERS. C—CLAMP HANGERS SHALL NOT BE USED.
- 8. WATER SUPPRESSION SYSTEM VALVES REQUIRING TAMPER SWITCHES SHALL BE OPENED AND CLOSED TO DEMONSTRATE PROPER OPERATION. TAMPER SWITCHES SHALL INDICATE FLOW WITHIN TWO FULL TURNS OF THE VALVE HANDWHEEL.
- 9. WATER FLOW SWITCHES SHALL BE ACTIVATED BY WATER FLOW AT THE INSPECTOR'S TEST VALVE TO DEMONSTRATE PROPER OPERATION.
 WATER FLOW TIME DELAY SHALL BE SET BETWEEN 45 AND 90
- PIPING PRESSURE TESTS SHALL BE HYDROSTATIC AT 200 PSI FOR TWO (2) HOURS AND AS PER NFPA NO. 13 (2002).







	Number of Sprinklers	
Total Th	is Building 96	
Symbol	Description	
31	SEMI-RECESSED CEILING SPRINKLER HEAD	
<u>)</u> 65	BRASS UPRIGHT HEAD	.,



TO FIRE SPRINKLER

FIRE STATION - RACE TRACK LANE FOR THE COLUMBIA COUNTY COMMISSION LAKE CITY, FLORIDA

ABBREVIATIONS (ARCHITECTURAL)

Formed and Poured Air Conditioned Beam Building Bearing Bottom Built Up Roo Gauge Grab Bar Concrete Cabinet Cement Cast Iron Corner Guard Control Joint Chain Link Celling Closet Hardware Clearance Continuous ELEV., EL

PL Plate
PLAS.PL. Plaster
PLYMB'G. Plumbing
PLYMD. Plywood
PORT. Portable

Roof Drain RECEP. REF. REG. REINF. REQ'D. RM. R.O. Receptacle Refrigerator Regiet Required Room SCHED. S.D. SH. SIM. S.M.

Scap Dispenser Shelving, Shelf Similar Sheet Metal Specification(s) Shelf & Rod Structural Standing Seam Steel Screen Wall Tack board Telephone Tempered Thickened TOIL,T.
TLT.
T.P.H.
T.J.
TYP. Tollet Paper Holder Tooled Joint Typical

Vinyl Tile Vent Through Roof Veneer Plaster Board Waste Receptacle

PROJECT LOCATION FIRE STATION RACE TRACK

OCATION MAP

Wolded Wire Mesh

SYMBOLS LEGEND

ROOM NUMBER DOOR IDENTIFICATION

DOOR MARK

ROOM NUMBER FIRE EXTINGUISHER MARK

TARGET SPOT ELEVATION

STRUCTURAL DESIGN CRITERIA

FLORIDA BUILDING CODE 2004 WITH 2005 AND 2006 SUPPLEMENTS AND ASCE 7-05

2. WIND IMPORTANCE FACTOR = 1.15

3. WIND EXPOSURE CATEGORY = B 4. APPLICABLE INTERNAL PRESSURE COEFFICIENT = 0.55

5. DESIGNED WIND PRESSURE = 57 PSF

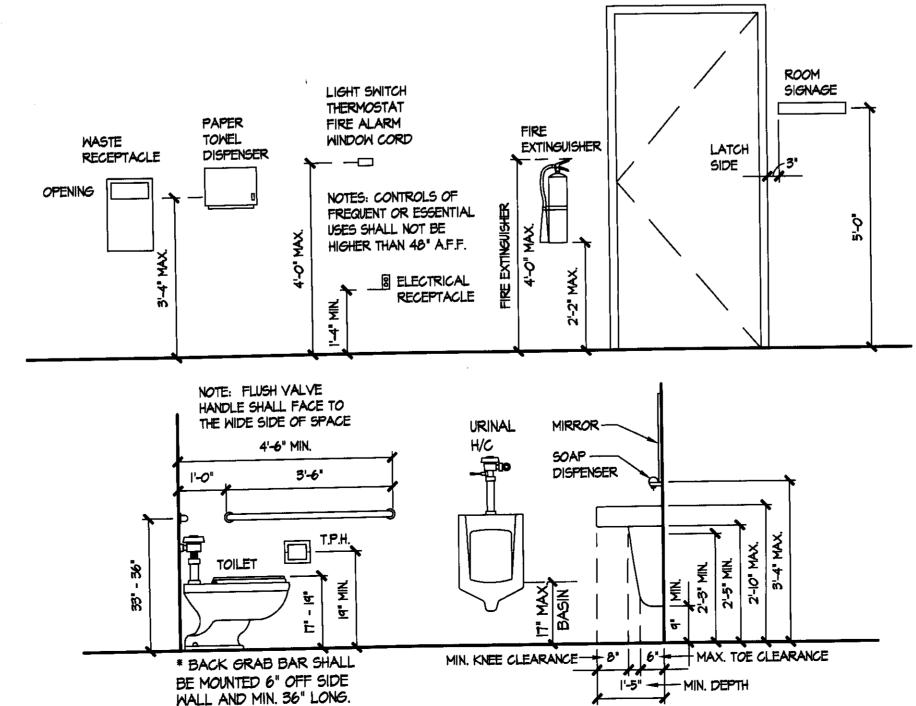
6. COMPONENTS AND CLADDING = TABLE 1609.6A, 1609.6B

AND 1609.6C - ASCE 7-05 7. AMERICAN CONC. INST. = ACI 318-05

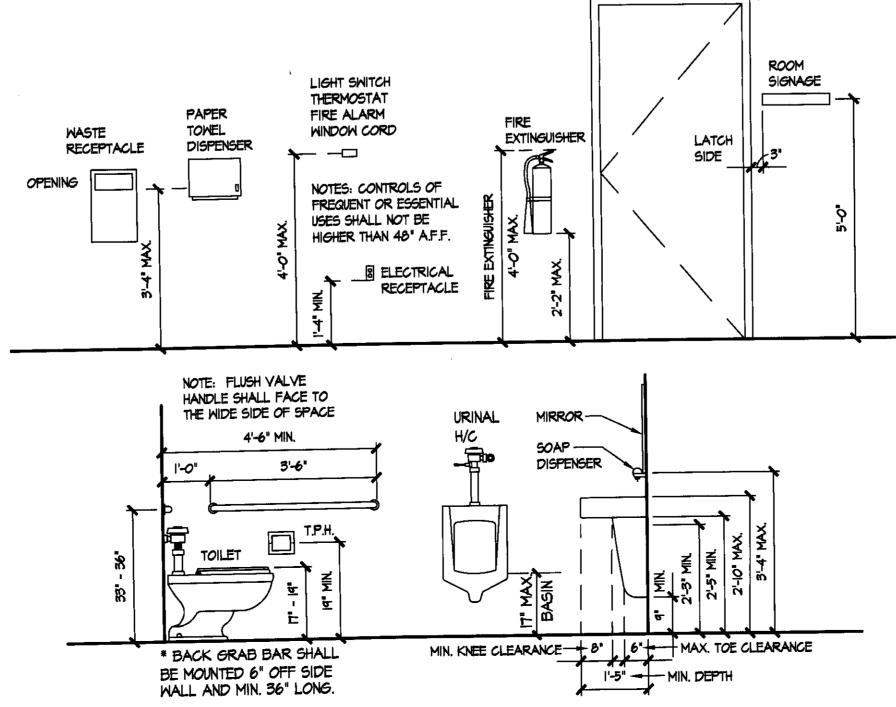
8. CONCRETE MASONRY = LATEST ACI

9. REINF. CONC. = 3,000 PS!

10. ASSUMED ALLOW. SOILS PRESSURE = 2,000 PSF



STANDARD MOUNTING PER A.D.A. REQUIREMENTS



SHEET INDEX

- GENERAL COVER SHEET
- MASTER SITE PLAN
- UTILITY SITE PLAN
- RETENTION POND SITE PLAN
- ARCHITECTURAL SITE PLAN
- **FOUNDATION PLAN**
 - **FLOOR PLAN**
 - **ENLARGED FLOOR PLAN**
 - **ELEVATIONS**
 - **BUILDING SECTION**
 - **BUILDING SECTIONS**
 - **WALL SECTIONS**
 - **ROOF PLAN**
 - REFLECTED CEILING PLAN
 - INTERIOR ELEVATIONS
 - LIFE SAFETY PLAN
 - MECHANICAL SITE PLAN
- OVERALL HVAC PLAN AND SECTIONS
- PARTIAL HVAC PLAN AND SECTIONS
- HVAC SCHEDULES
- HVAC DETAILS
- M-4.2 HVAC DETAILS
- PLUMBING SITE PLAN
- PLUMBING PLANS
- PLUMBING SCHEDULES AND LEGEND
- SCHEMATIC RISER DIAGRAMS P-3
- PLUMBING DETAILS P-4
- ELECTRICAL SITE PLAN E-1
- ELECTRICAL LIGHTING PLAN APPARATUS BAYS
- ELECTRICAL LIGHTING PLAN LIVING AREA
- ELECTRICAL POWER PLAN APPARATUS BAYS
- ELECTRICAL POWER PLAN LIVING AREA
- PANEL SCHEDULES AND RISER
- FIRE ALARM PLAN AND RISER
- FIRE PROTECTION PLAN

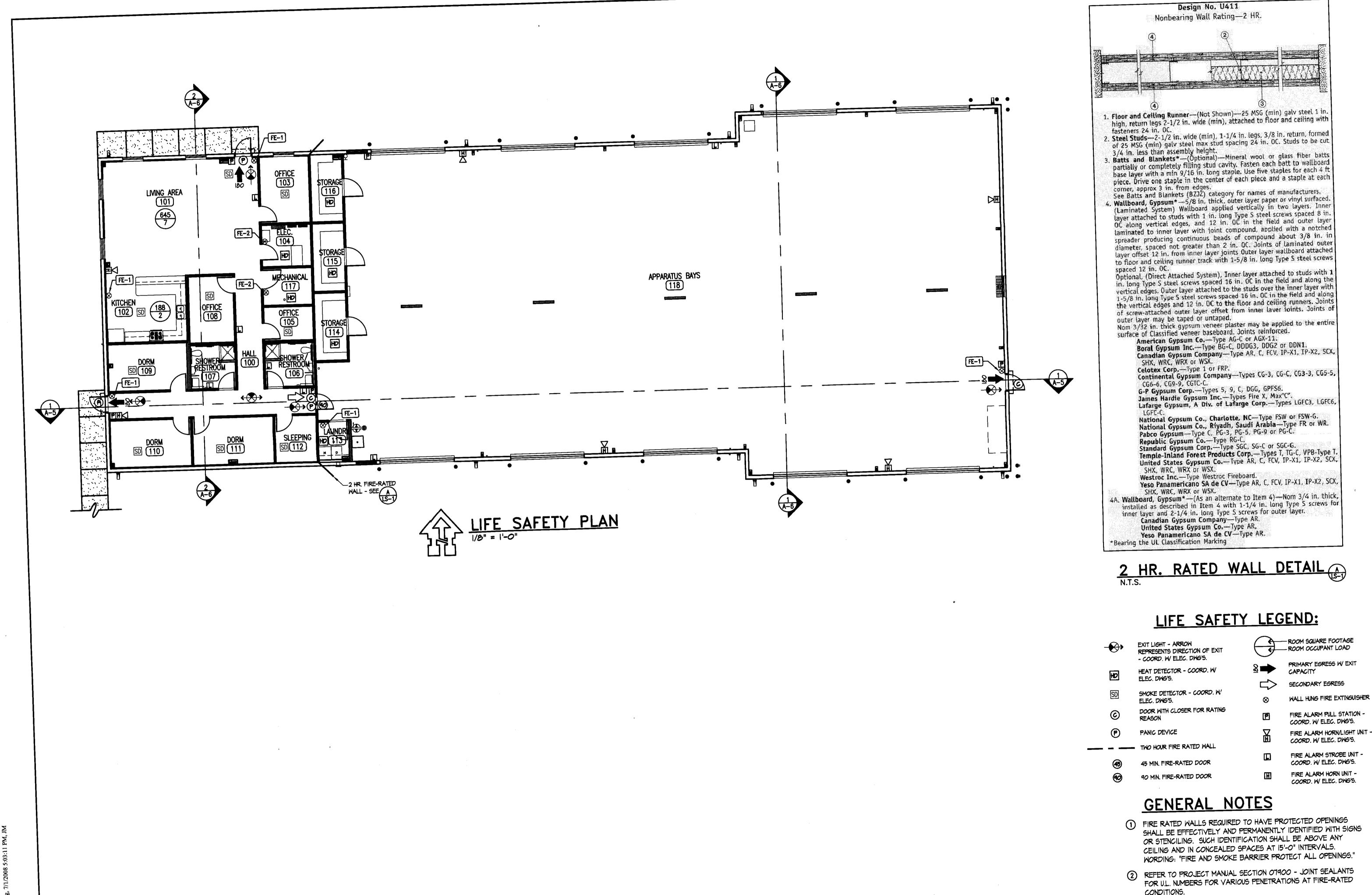


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CIATES DESIGNERS 352-372-8424 ASSO(INTERIOR IND. A00002479 **□** . [⊆] ANS RIDA . S

> TR STATION - RACE TR COLUMBIA COUNTY

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FIRE S

CRAIG SALLEY, RA. FL. REG. NO. 4475 DATE

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SECONDARY EGRESS

FIRE ALARM PULL STATION -COORD. W ELEC. DWG'S.

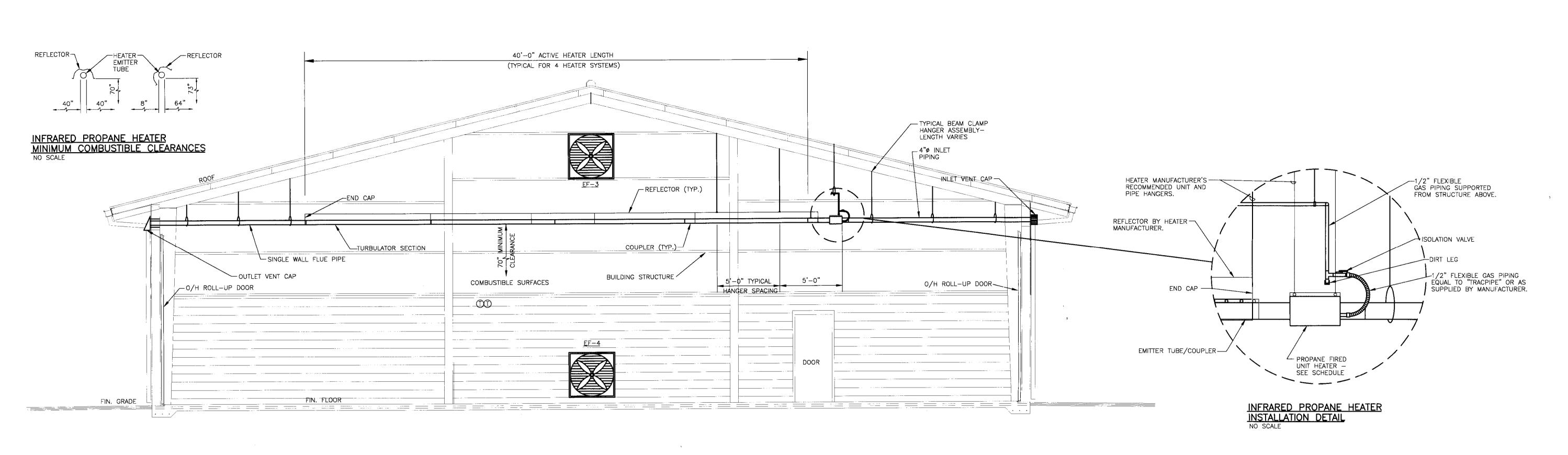
FIRE ALARM HORN/LIGHT UNIT -COORD. W ELEC. DWG'S.

- 1 FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL BE ABOVE ANY CEILING AND IN CONCEALED SPACES AT 15'-O" INTERVALS. WORDING: "FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS."
- 2 REFER TO PROJECT MANUAL SECTION 07900 JOINT SEALANTS FOR U.L. NUMBERS FOR VARIOUS PENETRATIONS AT FIRE-RATED CONDITIONS.

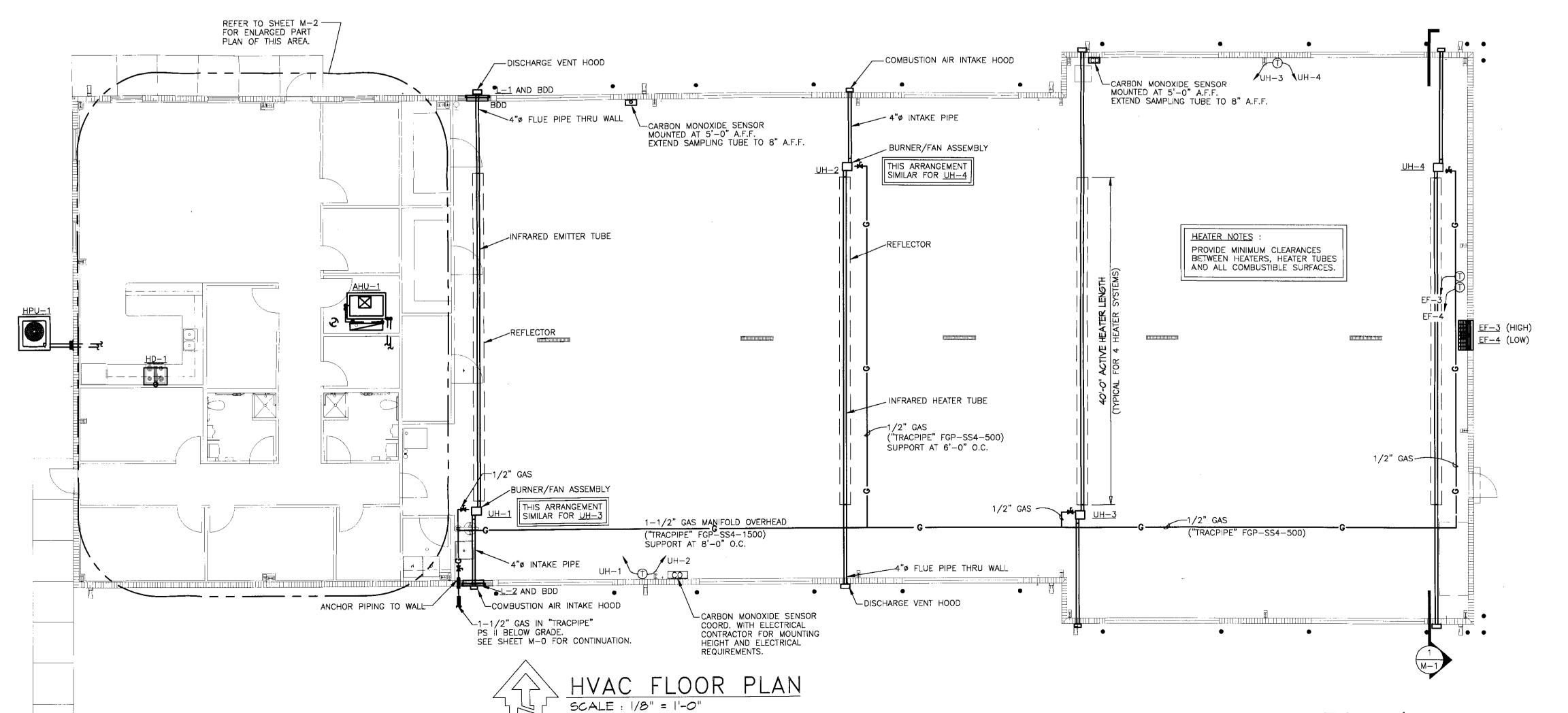
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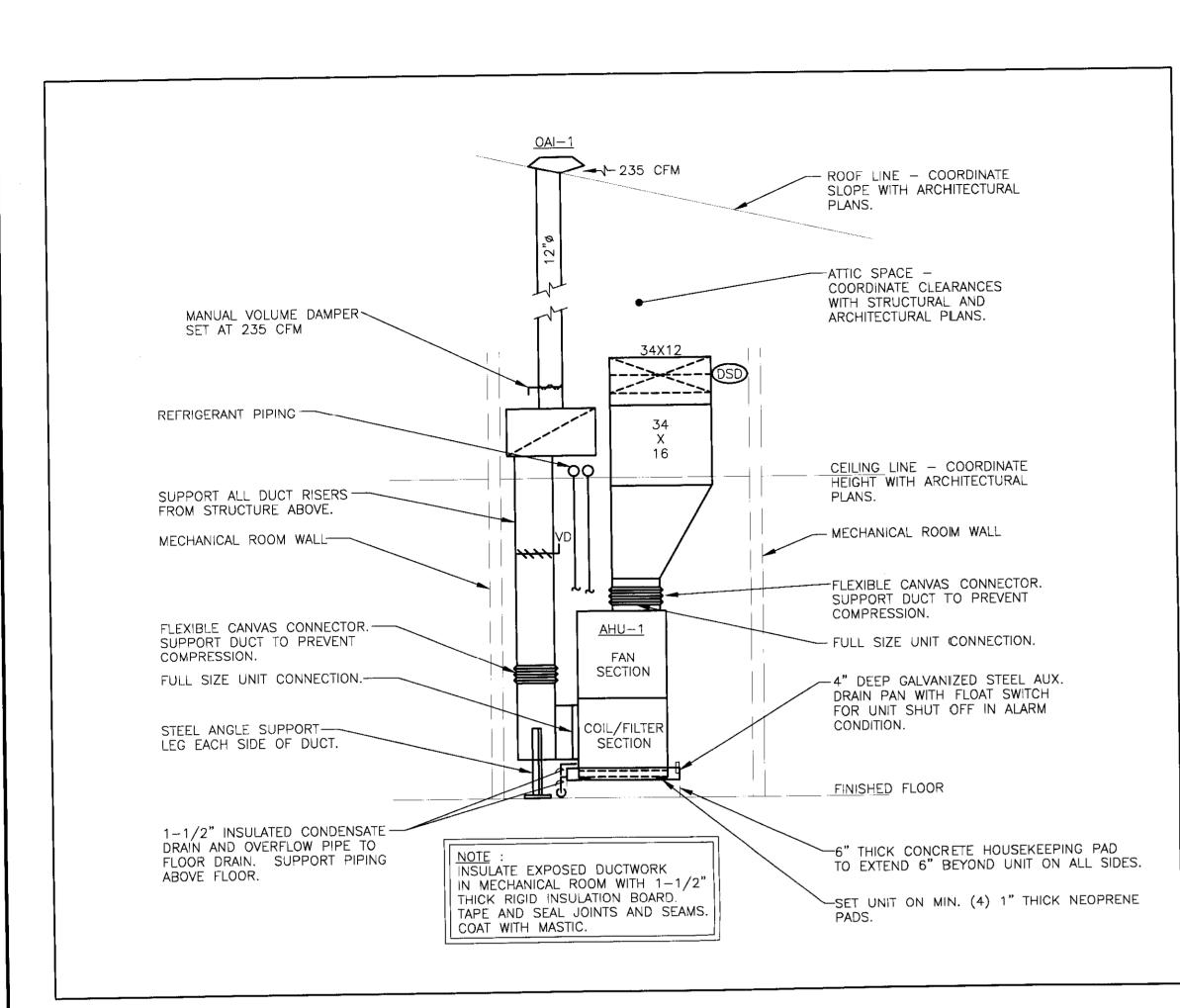
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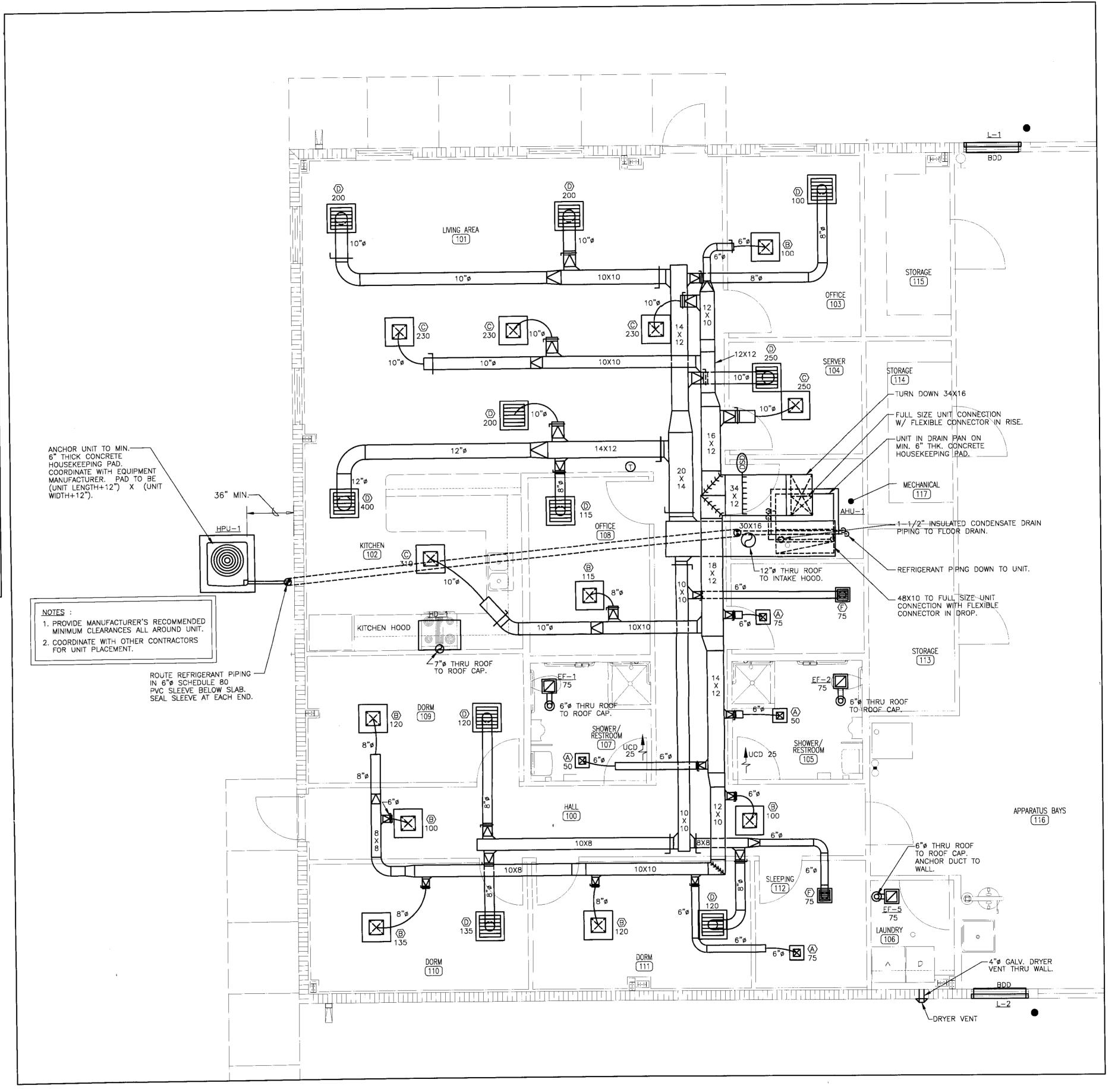






SECTION AT MECHANICAL ROOM SCALE: 3/16" = 1'-0"

				GRILLE	& DIFFUS	-	NID				T	001115
MARK	TYPE	MANUF.	MODEL	MAX. CFM	FACE SIZE	NECK SIZE	AIR PATTERN	N.C.	MAT'L	FINISH	MOUNITING	COMMENTS
(A)	SUPPLY	TITUS	TMSA	100	12X12	6"ø	4-WAY	<29	2	1	11	1
(B)	SUPPLY		TMSA	210	24X24	8"ø	4-WAY	<29	2	1	11	1
<u></u>	SUPPLY		TMSA	320	24X24	10"ø	4-WAY	<29	2	1	11	
0	RETURN		4-FL	1000	24X24	SEE PLAN	_	<29	2	1	11	1
E)	EXHAUST		4-FL	150	12X12	SEE PLAN	_	<29	2	1	1	1
Ē	RETURN		4-FL	300	12X12	SEE PLAN	_	<29	2	1	1	1
2.	AL: STEEL ALUMINUM STAINLESS ST		SH: 1. WHITE E 2. ANODIZE 3. NATURAL	D CLEAR	2. DRYV 3. GRILL	_ BOTH SIDES ARE/ROUND A TIT	1	OMMENTS 1. 24X2	: 24 LAY—	N BLANK-	OFF PANEL	





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CRAIG SALLEY AND ASSOCIATES ARCHITECTS • PLANNERS • INTERIOR DESIGNERS 3911 NEWBERRY ROAD • GAINESVILLE, FLORIDA • LIC. NO. AA0002479 • 352-372-8424

FOR THE COLUMBIA COUNTY COMMISSION

AKEA INC.
ESSOT NV Bth Ploce Suite B
Methorization of Signature B
(353)
(354)
(354)

DATE
6/2/08

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								SPLIT S	SYSTEM	N HE	AT PL	IMP V	VITH	ΑL	JXILL	JARY H	HEAT SO	CHEDU	LE									
				NOMINAL	COOLING	CAPACITY		RATING CONDITIONS	HEATING	CAP/HSPF	AHU	TYPE			FA	۸N		AUXILLIA	ARY HEATER	AH W/HEAT	CONDENSING	СОМ	PRESSOR	FAN	ELECT	RICAL	DIMENSIONS	NOTES
MARK	SYSTEM TYPE	AHU MODEL	L/W/H	TONS	TOTAL	SENS.	SEER	AMB EAT-DB/WE	TOTAL	COP	CONFIG	AIR FLOW	CFM	EXT. SP	DRIVE	RPM HP	VOLTS/ø	KW STA	GE VOLTS	PH MCA BK	R UNIT	LRA	RLA	AMPS M	ICA BRK	R V/PH	HXWXD	NOTES
AHU-1, HPU-1	HEAT PUMP	TWE090A3	47.5/25/54	6	70,700	51,100	11.1	95 80/67	65,145	3.4	UNITARY	VERT	2700	1.0	В	1080 1-1/2	208/230-3ø	10.0	208/230	1 33/37 35/	40 4TWA0072	156.0	19.8	1.4	26 45	1/208-230	41X37X34	1,2,3
										:								l <u> </u>										

1. 7-DAY PROGRAMMABLE THERMOSTAT AND CONTROL TRANSFORMER

2. EVAPORATOR DEFROST CONTROL
3. SIGHT GLASS, REFRIGERANT DRYER

			FAN	SCHEDULE						
MARK	MFGR.	MODEL	AREA SERVED	FAN TYPE	W/HP	RPM	CFM	EXT. SP.	VOLT/Ø	NOTES
EF-1	BRIEDERT	FF80	RESTROOM	CEILING	48W	1280	75	.125	120/1	1,2,3
EF-2	BRIEDERT	FF80	RESTROOM	CEILING	48W	1280	75	.125	120/1	1,2,3
EF-3	BRIEDERT	L2-36	OPEN BAYS	WALL PROP	3/4HP	385	10,000	0.20	208/3	3,4,5,6,7,10
EF-4	BRIEDERT	L2-36	OPEN BAYS	WALL PROP	3/4HP	385	10,000	0.20	208/3	3,4,5,6,7,8,9
EF-5	BRIEDERT	FF80	LAUNDRY ROOM	CEILING	48W	1280	75	.125	120/1	1,2,3

NOTES:

ALUMINUM INTAKE GRILLE, ROOF CAP DISCHARGE.
 DIAL TIMER INTERLOCK WITH LIGHTS

3. INTEGRAL FACTORY MOUNTED DISCONNECT
4. COUNTERBALANCED BACKDRAFT DAMPER
5. MOTOR—SIDE FAN GUARD

6. RAIN HOOD AND BIRDSCREEN
7. WALL HOUSING

7. WALL HOUSING

8. THERMOSTAT CONTROLLED — FAN ON 85°F — MOUNT THERMOSTAT AT 8'—0" A.F.F.

9. CARBON MONOXIDE SENSOR CONTROLLED — THERMOSTAT OVERRIDE — COORDINATE WITH ELECTRICAL CONTRACTOR

10. THERMOSTAT CONTROLLED — FAN ON 90°F — MOUNT THERMOSTAT AT 8'—0" A.F.F.

					_	_E		
MARK MI	FGR.	MODEL	AREA SERVED	FINISH	POWER	СҒМ	VOLT/Ø	NOTES
HD-1 BR	ROAN	46000	KITCHEN	STAINLESS STEEL	2.5 AMPS	220	120/1	1,2,3,4,5

1. INFINITE SPEED FAN CONTROL 2. DUCTED WITH 7"ø CONNECTION
3. 42" LENGTH — COORDINATE WITH ARCHITECTURAL

DAMPER

4. 75 WATT COOKTOP LIGHTING

			LOU	JVER SCHEDU	JLE				
MARK	MFGR.	MODEL	AREA SERVED	FINISH	wxH(IN.)	MIN. FREE AREA (SF)	CFM	MAX. FACE VELOCITY	NOTES
L-1	RUSKIN	ELF 375D	OPEN BAYS	CLEAR ANODIZED	48×80	12.0	10,000	800 FPM	1,2,3
1-2	RUSKIN	ELF 375D	OPEN BAYS	CLEAR ANODIZED	48x80	12.0	10,000	800 FPM	1,2,3

1. INSECT SCREEN
2. COORDINATE FRAME TYPE WITH WALL CONSTRUCTION
3. COUNTERBALANCED BACKDRAFT DAMPER

	MECHANICAL LEGEND
	SUPPLY DUCT FRESH AIR DUCT
	RETURN DUCT FLEXIBLE DUCT
	EXHAUST DUCT
\boxtimes	SUPPLY DIFFUSER, SEE DESINATION FOR TYPE
	RETURN GRILLE, SEE DESINATION FOR TYPE
	EXHAUST GRILLE, SEE DESINATION FOR TYPE
j	DUCT SCOOP TAKEOFF WITH BALANCING DAMPER
$\langle A \rangle$	DIFFER/GRILLE TYPE SEE SCHEDULE
4555	TURNING VANES
۸۵ ۱٬٬٬٬۰۰۰	MANUAL VOLUME DAMPER
D ~~~	MOTORIZED VOLUME DAMPER
	CONDENSATE DRAIN LINES
	REFRIGERANT LINES
D.W	CONDENSATE DRYWELL, SEE DETAIL
\bigcirc	ROOF MTD EXHAUST FAN WITH CURB, SEE SECHEDULE
	ROOF MTD GRAVITY RELIEF OR INTAKE SEE SCHEDULE'
☐ □EF	CEILING MOUNTED EXHAUST FAN
EF	INLINE FAN WITH VIBRATION ISOLATION
- -	WALL LOUVER/ INTAKE OR EXHAUST BY ARROW DIRECTION
T	THERMOSTAT TEMP SENSOR DUCT MTD
Θ	HUMIDISTAT HUMIDITY SENSOR DUCT MTD
®D⊤⊤	TTI DUCT MTD SMOKE DETECTOR
BDD	COUNTERBALANCED BACKDRAFT DAMPER

ARK	MFGR.	MODEL	FUEL TYPE	AREA SERVED	BTUH INPUT	TUBE LENGTH	VOLT/ø	COMMENTS
JH−1	RAYWALL	FTH100	NAT. GAS	OPEN BAYS	100,000	40'	115/1	1 THRU 7
H-2	RAYWALL	FTH100	NAT. GAS	OPEN BAYS	100,000	40'	115/1	1 THRU 6, 8
JH3	RAYWALL	FTH100	NAT. GAS	OPEN BAYS	100,000	40'	115/1	1 THRU 6, 8
JH-4	RAYWALL	FTH100	NAT. GAS	OPEN BAYS	100,000	40'	115/1	1 THRU 7
			vita.					

- 3. 1/2" NPT GAS BALL VALVE
- 4. 4"ø SINGLE WALL FLUE PIPE
- 5. 4" SIDEWALL VENT KIT: CAP, THIMBLE DRAFT-HOOD ADAPTER, 18" DW PIPE
- 6. BURNER ASSEMBLY (CORROSION RESISTANT POWDER-COATED ENCLOSURE
- 7. 45° TILT DEFLECTOR MOUNTING
- 8. HORIZONTAL DEFLECTOR MOUNTING

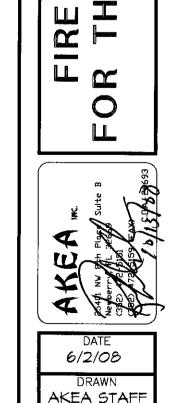
AIR HANDLER NUMBER - AHU-1			7						
ROOM NAME	AREA		UIREMENTS	00	CCUPANCY	REQUIREMENTS	., ,	TOTAL A	IR (CFM)
	(SQ. FT.)	CFM/SQFT	CFM	PEOPLE/SQFT	PEOPLE	CFM/PERSON	CFM	EXHAUST	OAI
100 HALL	320	0.06	19.20		_		_	. ""	19.2
101 LIVING AREA	702	0.06	42.10		6	7.5	45.00		87.1
102 KITCHEN	206	0.06	12.40		*	_	_		12.4
103 OFFICE	135	0.06	8.10	_	_	_	_	-11	8.1
104 SERVER/OFFICE	95	0.06	5.70	_	_	_			5.7
105 RESTROOM/SHOWER	1 WC	(50)	(50)	-	_		****	(50)	
107 RESTROOM/SHOWER	1 WC	(50)	(50)	_	_	_	_	(50)	
108 OFFICE	116	0.06	6.96	-		_	_		6.9
109 DORM	157	0.06	9.42	_	_	1	7.50	711	16.9
110 DORM	165	0.06	9.90	_	_	1	7.50	·# <u>.</u> L.	17.4
111 DORM	155	0.06	9.30	_	_	1	7.50		16.8
112 SLEEPING	85	0.06	5.10	_	_	_	_		5.
117 MECHANICAL	70	0.06	4.20			_	-		4.:
					77,51				
TOTAL			132.38				67.50	(100)	199.
ACTUAL			132.0	"-			68	(100)	200

HVAC SCHEDULES
NO SCALE









M-4.1



M-4.1

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PERMIT DOCUMENTS

DUCT TAKEOFF DETAIL

SUPPLY TRUNK DUCT

WxD SIDEWALL MOUNTED SUPPLY REGISTER

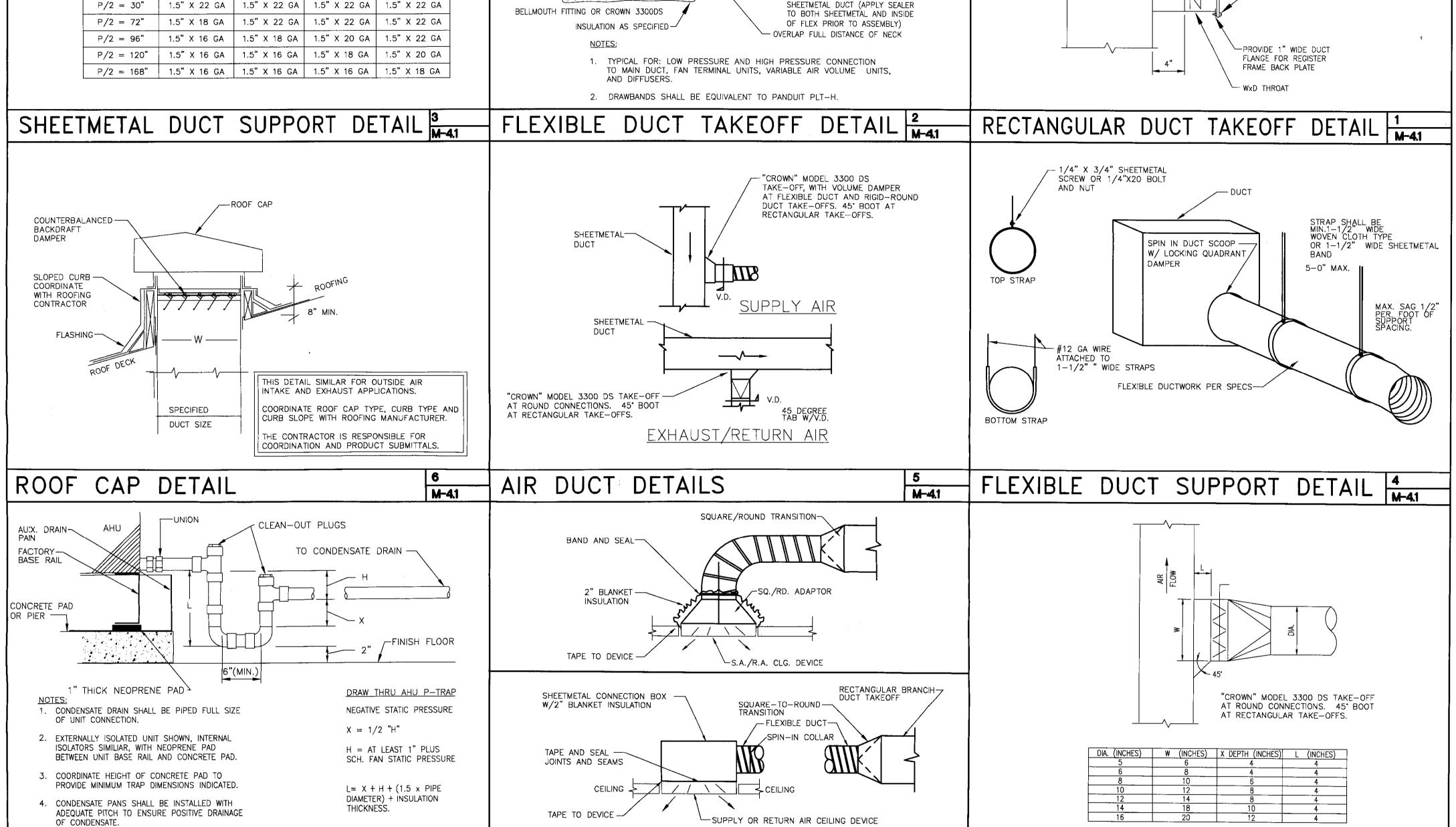
-OPPOSED BLADE MANUAL

- SECURE REGISTER

TO DUCT FLANGE

VOLUME DAMPER

AIR FLOW



DIFFUSER CONNECTIONS

SEAL INSULATION JOINTS AND-

BREAKS IN VAPOR BARRIER WITH GLASS FABRIC AND

MASTIC (NO TAPE ALLOWED)

—STRAP HANGER MIN. 1–1/2" WIDE

MAX. HALF OF DUCT PERIMETER 10'-0" SPACING 8'-0" SPACING 5'-0" SPACING 4'-0" SPACING

AHU CONDENSATE DRAIN DETAIL 9 M-4.1

-WRAPPED METAL DUCT

STRAP MATERIAL

DRAWBAND ON OUTSIDE OF

INSULATION AROUND JACKET

-DRAWBAND ON FLEXIBLE

INSULATION AND JACKET

DUCT (INNER SLEEVE)

FLEXIBLE DUCT

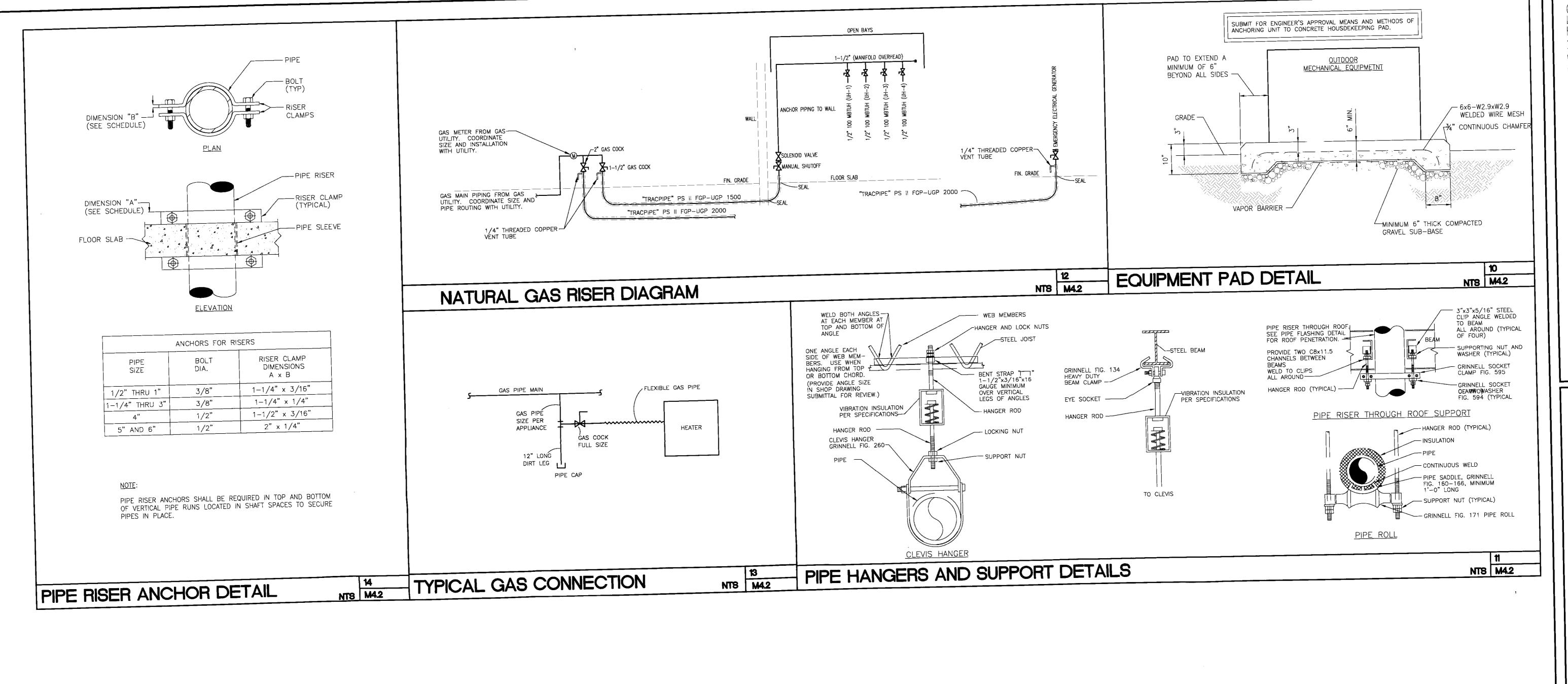
-- WATER BASE DUCT SEALER

BETWEEN FLEXIBLE DUCT AND

HVAC DETAILS NO SCALE

ROUND

M-4.1



HVAC DETAILS

CRAIG SALLEY AND ASSOCIATES ARCHITECTS • PLANNERS • INTERIOR DESIGNER 3911 NEWBERRY ROAD • GAINESVILLE, FLORIDA • LIC. NO. AA0002479 • 352-372-845

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FOR THE COLUMBIA COUNTY COMMISSION
LAKE CITY, FLORIDA

AKEA INC. Suite B SALI NV Bth Plops, Suite B CASS 18 A SALI NV Bth Plops, Suite B CASS 18 CASS

DATE
6/2/08

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AKEA STAFF

APPROVED
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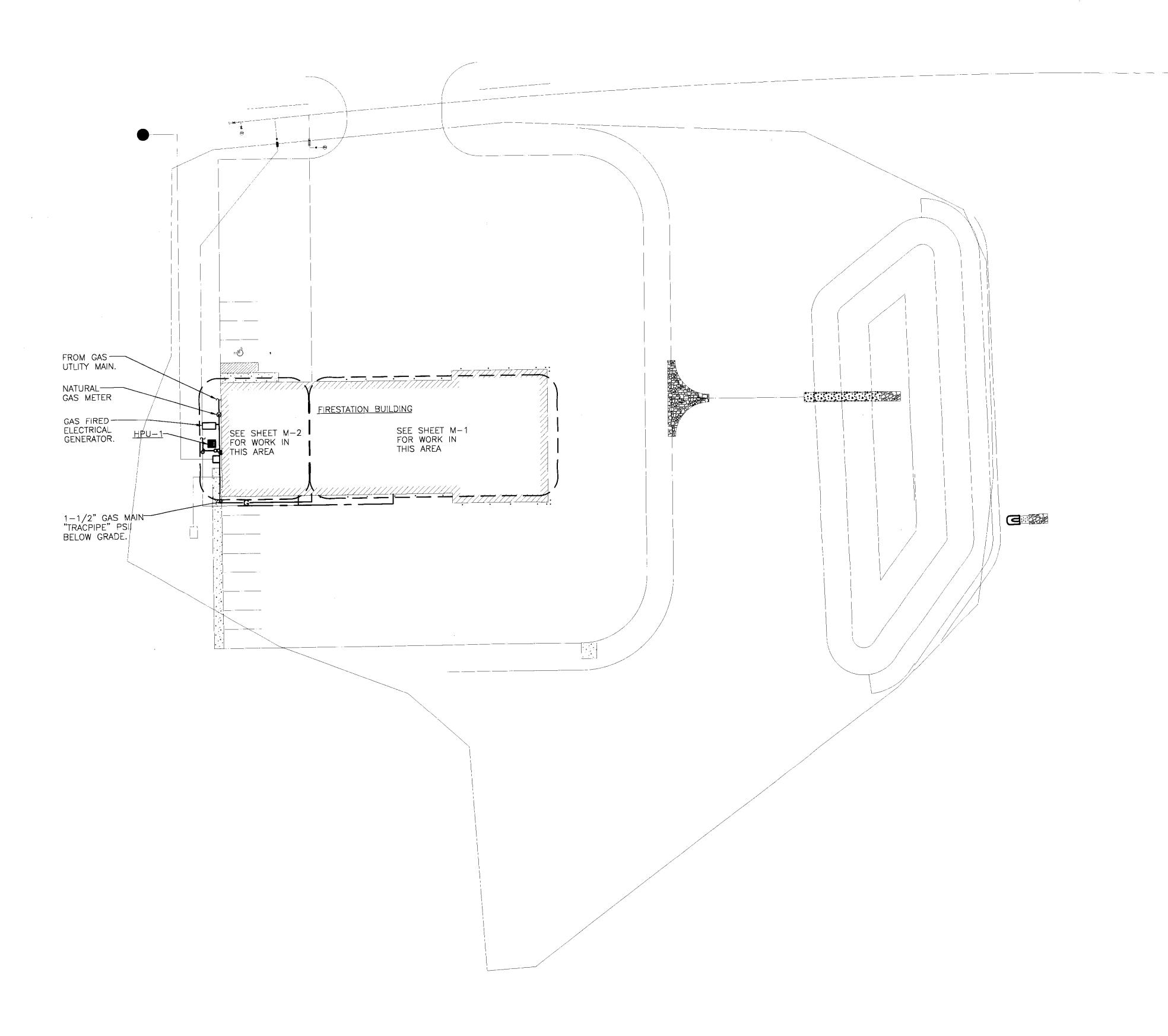
M-4.2

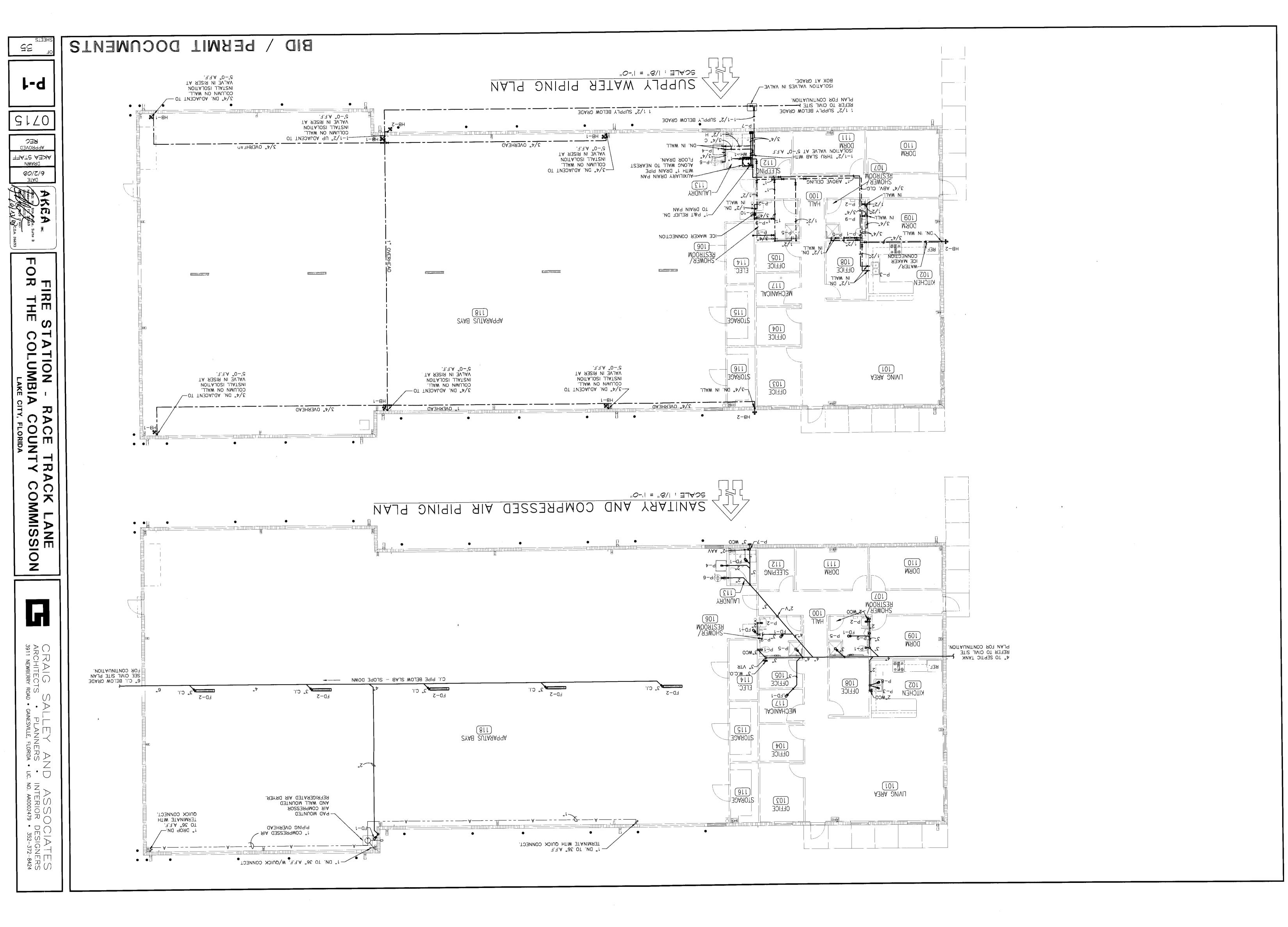
OF 35

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GENERAL MECHANICAL SITE NOTES :

- COORDINATE LOCATIONS OF ELECTRICAL AND HVAC-RELATED EQUIPMENT AND COMPONENTS WITH CIVIL AND ARCHITECTURAL SITE PLANS.
- 2. ALL LOCATIONS OF HVAC AND ELECTRICAL COMPONENTS ARE APPROXIMATE AND ARE TO BE VERIFIED WITH ACTUAL SITE CONDITIONS AND OTHER CONTRACTORS.
- 3. FURNISH AND INSTALL "TRACPIPE" PS-II, FGP-UGP 500 FOR UNDERGROUND NATURAL GAS SECONDARY CONTAINMENT SYSTEM.
- 4. COORDINATE ROUTING OF UNDERGROUND NATURAL GAS PIPING WITH UTILITY REPRESENTATIVES PRIOR TO TRENCHING FOR AND INSTALLING U/G GAS PIPING.
- COORDINATE INSTALLATION OF GAS METER WITH GAS UTILITY REPRESENTATIVES PRIOR TO TRENCHING FOR AND INSTALLING U/G GAS PIPING.
- COORDINATE GAS METER CONNECTION SIZES WITH GAS UTILITY REPRESENTATIVES PRIOR TO TRENCHING FOR AND INSTALLING U/G GAS PIPING.





P-2

BID / PERMIT DOCUMENTS

SCHEDULES AND LEGEND No scale

F	PLUMBING LEG	END	
COMPRESSED AIR SANITARY LINE COLD WATER LINE HOT WATER PIPING VENT PIPING VENT PIPING WATERCLOSET WC TRAP (LAV OR SINK) FLOOR DRAIN (FD) CLEAN OUT (CO) FLOOR SINK (FS) WALL CLEANOUT HOSE BIBB (HB) WALL HYDRANT (WH) VENT THRU ROOF (VTR) GATE VALVE GLOBE VALVE CHECK VALVE ELEC WATER HTR (EWH) SHUT OFF VALVE IN FIBERGLASS VALVE BOX WATER SUPPLY OUTLET SHOCK STOPS (SS)	PLAN SOMETRIC WC LAY FD CO FS WCO HB WH VER	AFF AFG B/S HC JAN LAV SOV T T.P. U/G WC AAV UTG	ABBREVIATIONS ABOVE FINISHED FLOOR ABOVE FINAL GRADE BELOW SLAB ADA ACCESSIBLE JANITOR SINK SEE SPEC LAVATORY SHUTOFF VALVE FLUSH VALVE TOILET TRAP PRIMER UNDERGROUND TANK TYPE WATER CLOSET AIR ADMITTANCE VALVE UP TO GRADE

		<u>,,, , , , , , , , , , , , , , , , , , </u>	.,.			
		PLU	MBING FIX	KTURE SCH	EDULE	
MARK	DESCRIPTION	COLD	HOT	WASTE	VENT	COMMENTS
P-1	WATER CLOSET - ADA	3/4"	<u>.</u>	3"	2"	FLOOR MOUNTED, TANK-TYPE
P-2	LAV — ADA	1/2"	1/2"	1-1/4"	1-1/2"	WALL HUNG
P-3	KITCHEN SINK	1/2"	1/2"	1-1/4"	1-1/2"	2- BOWL, STAINLESS STEEL
P-4	SERVICE SINK	1/2"	1/2"	1-1/4"	1-1/2"	_
P-5	SHOWER	1/2"	1/2"	3"	1-1/2"	36X36, STANDARD
P-6	EYEWASH	1/2"	1/2"	1-1/4"	1-1/2"	FOOT LEVER CONTROL
P-7	WASHER BOX	3/4"	3/4"	2"	2"	WITH AAV
P-8	DISPOSAL		_	1-1/2"	1-1/2"	1/2 HP, "BADGER"
P-9	URINAL — ADA	3/4"	_	2"	1-1/2"	CRANE 7390 SERIES, FLUSH VALVE
P-10	ICE MAKER CONNECTION	1/2"	_	_		WALL BOX W/VALVE
HB-1	HOSE BIBB	3/4"	_	_		INTERIOR - OPEN BAYS
HB-2	SILL FAUCET	3/4"		_	_	EXTERIOR - T&S BRASS B-0722
FD-1	FLOOR DRAIN	_		3 OR 4"	_	STANDARD - W/TRAP PRIMER
						12" WIDE X 4' LONG, HEAVY DUTY GRAT

ELECTRIC WATER HEATER SCHEDULE

208V/3ø

REMARKS

HEAT TRAP FITTINGS ON INLET AND OUTLET

JOSAM OR APPROVED EQUAL

MARK TYPE MANUFACTURER MODEL CAPACITY (GALLONS) KW ELECT. REQUIREMENTS

LTA052PK

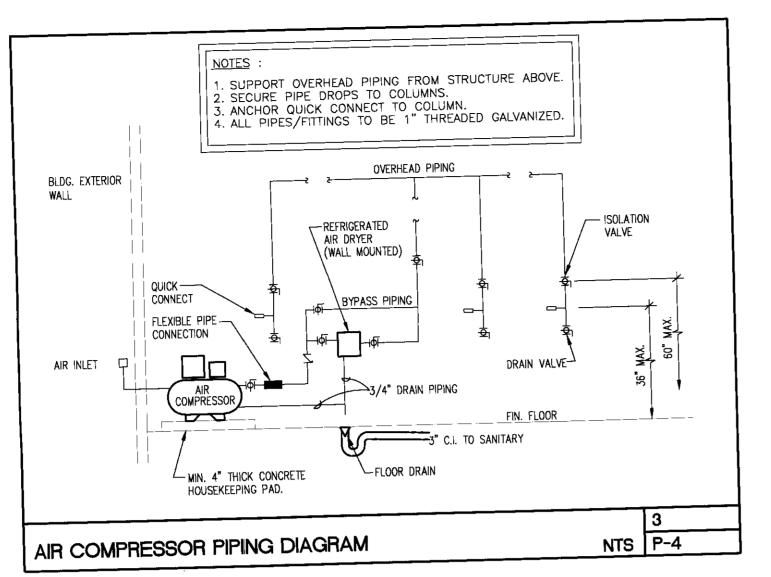
LOCHINVAR

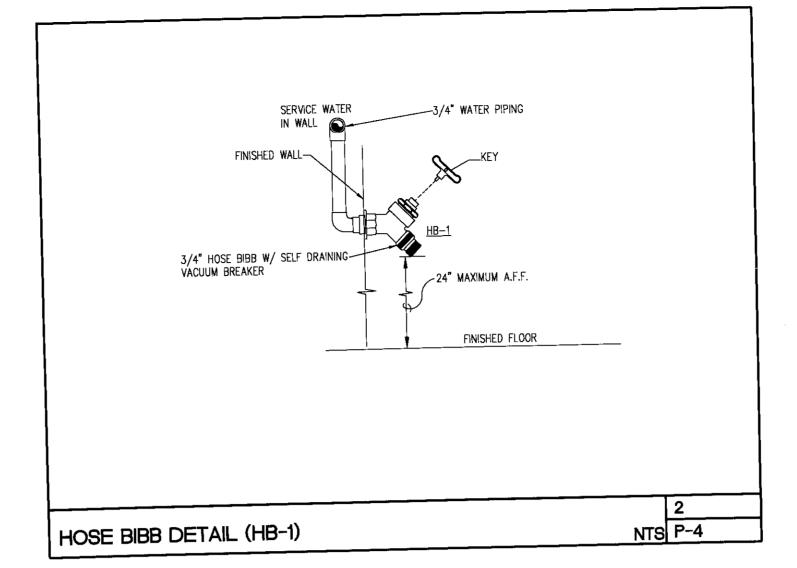
TRENCH DRAIN

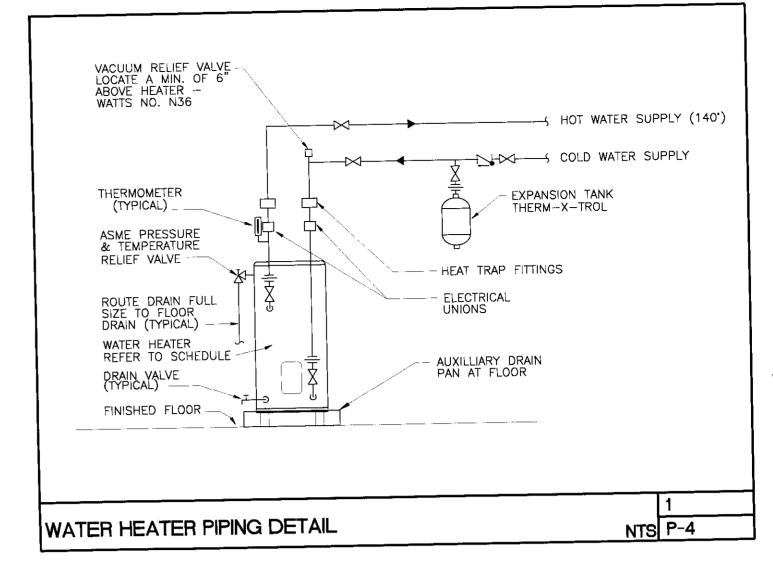
FD-2

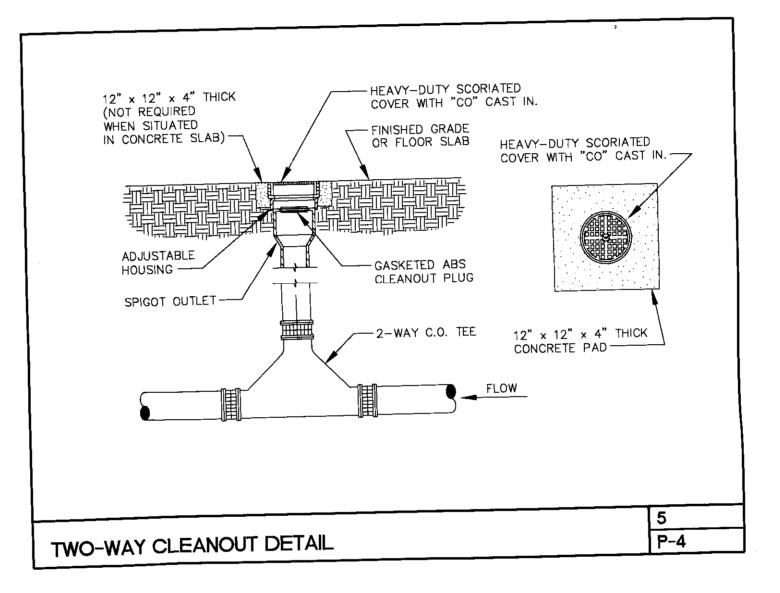
WH-1 TANK

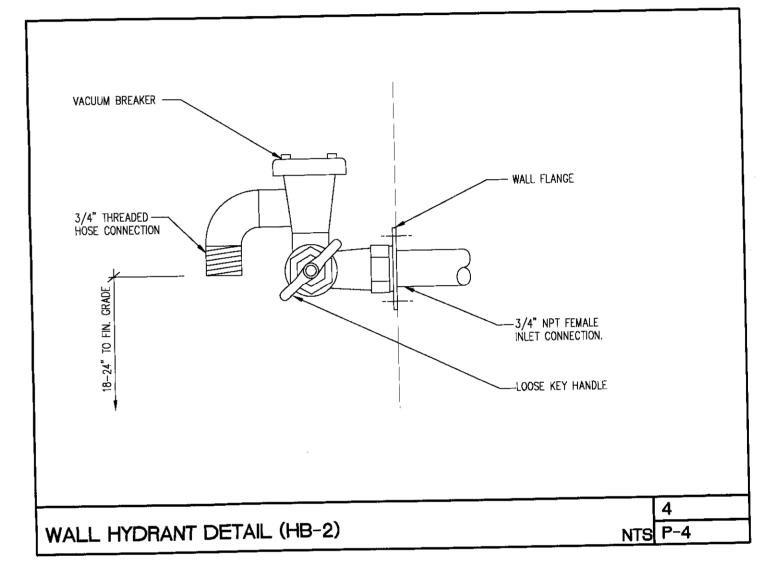
50

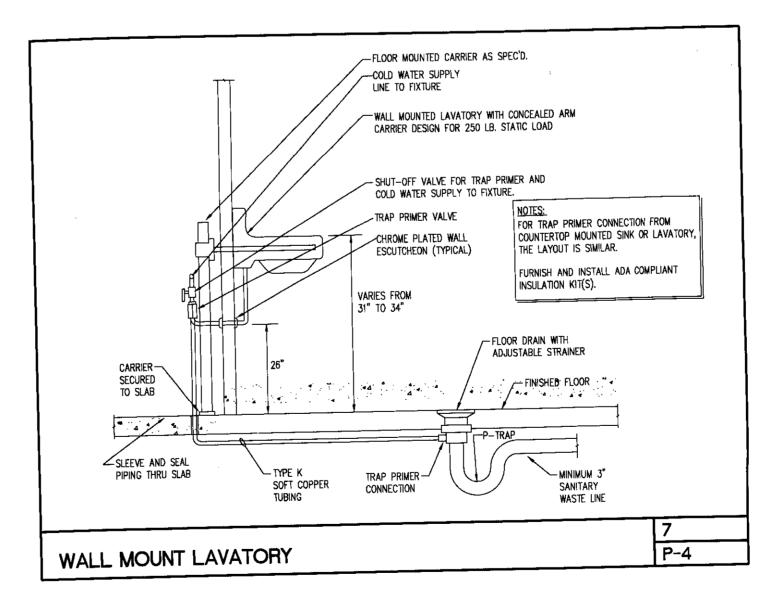


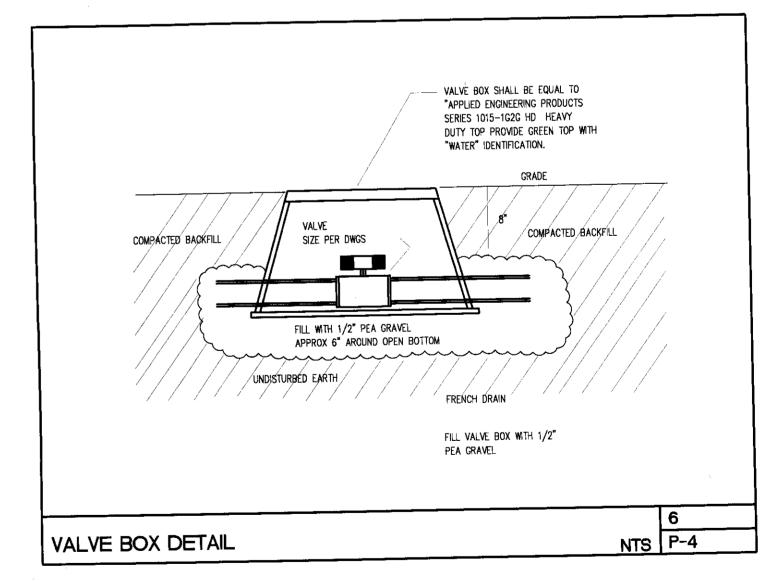












PLUMBING DETAILS

BID / PERMIT DOCUMENTS

CRAIG SALLEY AND ASSOCIAT ARCHITECTS • PLANNERS • INTERIOR DESIGN 3911 NEWBERRY ROAD • GAINESWILLE, FLORIDA • LIC. NO. AR0002479 • 352-372-

F

FIRE STATION - RACE TRACK LANE
OR THE COLUMBIA COUNTY COMMISSION
LAKE CITY, FLORIDA

ZSAOI NY PLY Prope, Suite B NY PROPERTY STEAM OF THE STEAM CSEC ATTO STEAM CSEC ATTO STEAM

DATE
6/2/08

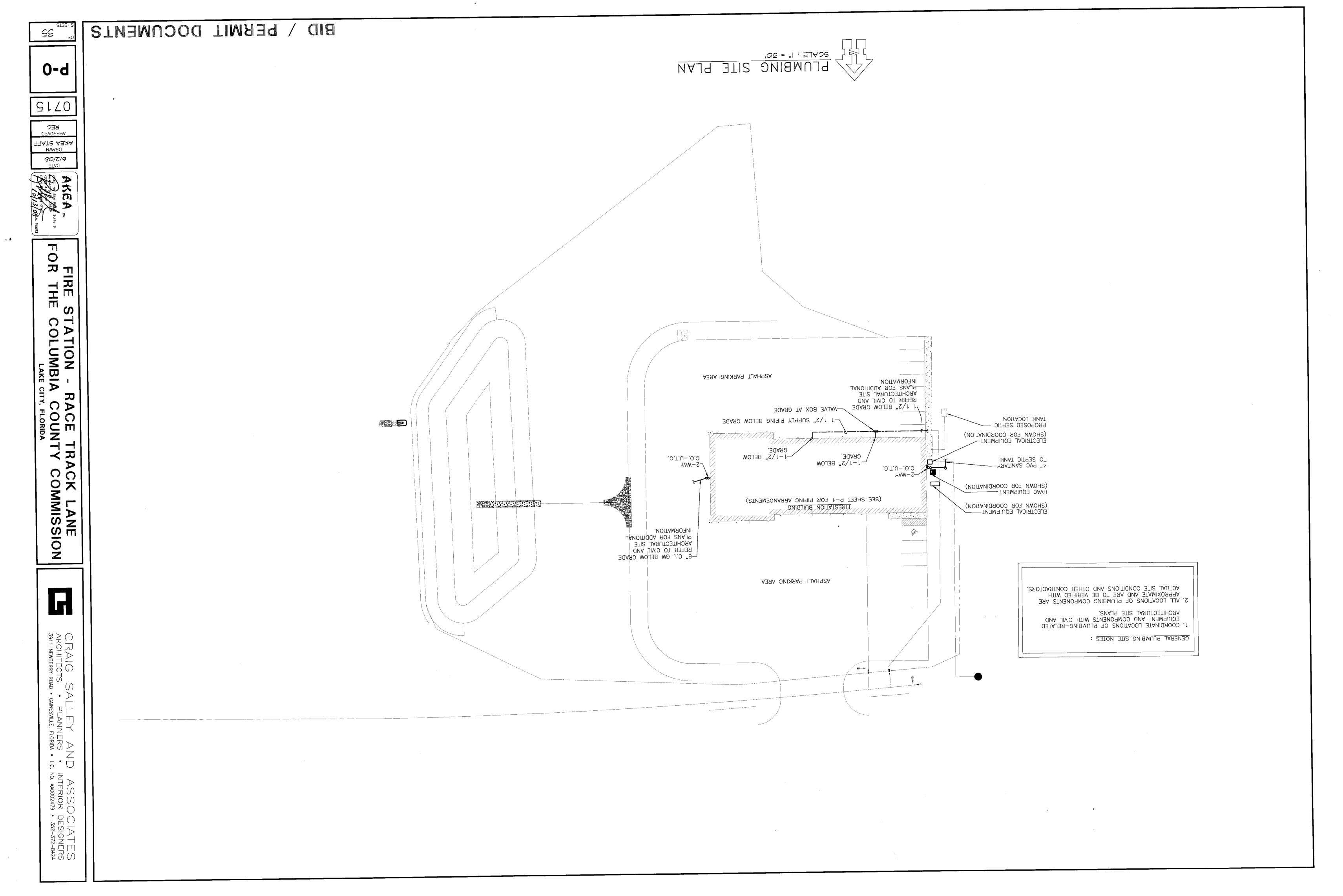
DRAWN
AKEA STAFF

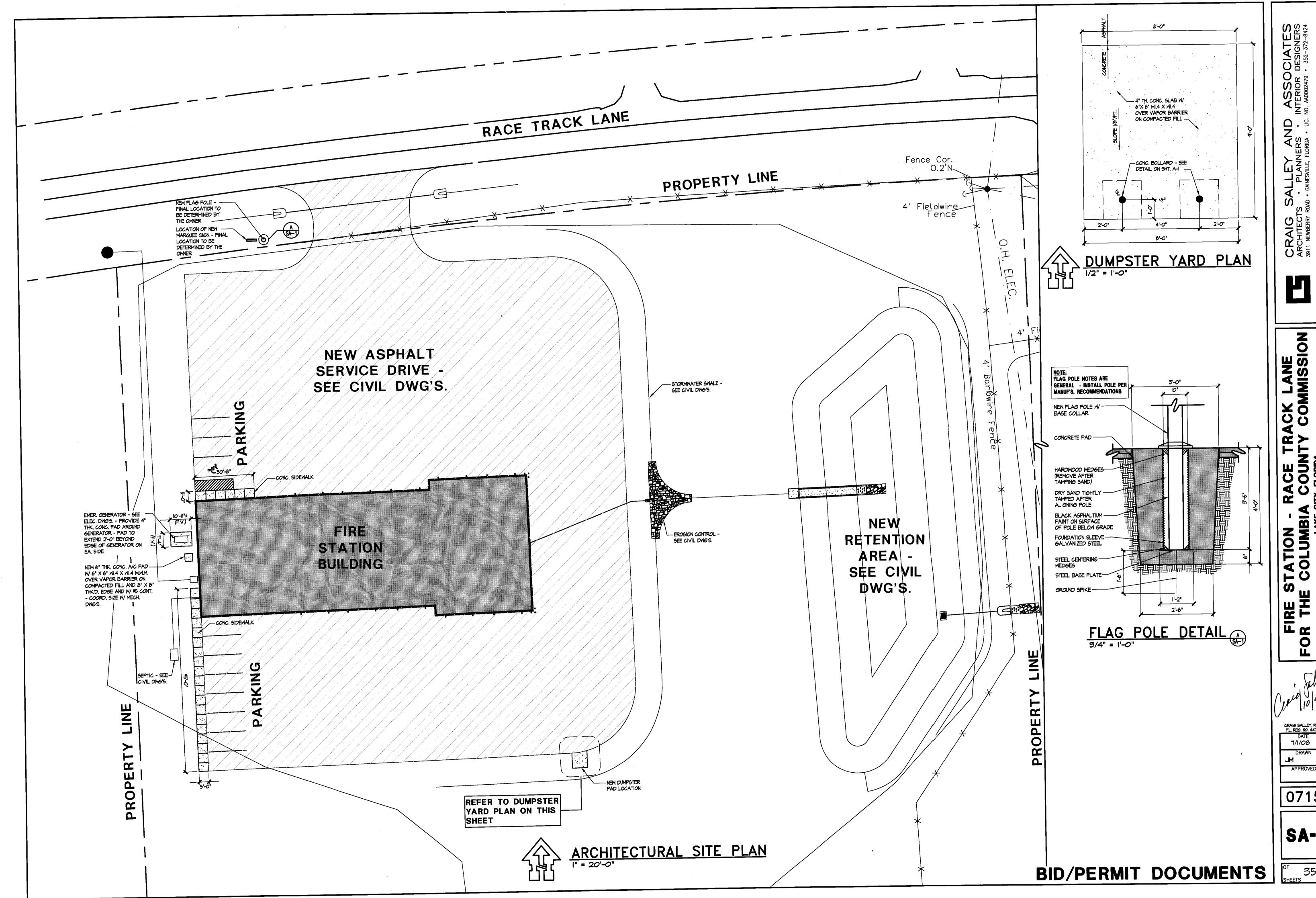
APPROVED
REC

0715

P-4

^{0F} 35





TATION -COLUMBI

CRAIG SALLEY, R.A. FL. REG. NO. 4475 DATE 7/1/08

SA-1