

**GENERAL NOTES**

1. ALL DIMENSIONS ARE NOMINAL TO FACE OF STUDS/MASONRY.
2. ALL VERTICAL DIMENSIONS ARE FROM FINISH FLOOR SLAB. AFF. ABBREVIATES "ABOVE FINISH FLOOR."
3. THE ARCHITECT AND ENGINEER ACCEPT NO RESPONSIBILITY FOR WORK WHICH IS NOT IN COMPLIANCE WITH THE INTENT AND REQUIREMENTS OF THE DRAWINGS, OR WHICH HAS BEEN PERFORMED BASED UPON THE INTERPRETATION OF INTENT OF THE DRAWINGS BY PARTIES OTHER THAN THE ARCHITECT AND ENGINEER.
4. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING AND STARTING CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR INCONSISTENCIES.
5. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE FLORIDA BUILDING CODE 2014, INCLUDING ADOPTED LOCAL AMENDMENTS.
6. DIMENSIONS TAKE PRECEDENCE OVER SCALING OF PLANS, SECTIONS, AND DETAILS. DIMENSIONS ARE NOMINAL AND TO FACE OF STUDS/MASONRY UNLESS NOTED OTHERWISE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, PATCHING AND FITTING OF ALL WORK IN A NEAT AND WORKMANLIKE MANNER. PROTECT ALL ADJACENT SURFACES FROM DAMAGE. PATCH AND REPAIR ALL WORK DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL OR BETTER CONDITION. MATCH ADJACENT FINISHES, MATERIALS, TEXTURES, SHEEN, ETC.
8. THE SCOPE OF WORK SHALL NOT HINDER OR INTERFERE WITH EMERGENCY ACCESS TO THE SAID PROPERTY OR THE VICINITY THEREOF (INCLUDING STREETS, ROADS, FIRE LANES).

# PALM BEACH COUNTY STATE OF FLORIDA



## PBC R.G. KREUSLER PARK RESTROOM BUILDING AND ENTRY DRIVE MODIFICATIONS

COUNTY PROJECT NO. 14204  
 BID DOCUMENTS  
 DATE: JULY 22, 2016

### BOARD OF COUNTY COMMISSIONERS

MARY LOU BERGER, MAYOR  
 HAL R. VALECHE, VICE MAYOR  
 PAULETTE BURDICK  
 SHELLEY VANA  
 STEVEN L. ABRAMS  
 MELISSA MCKINLAY  
 PRISCILLA A. TAYLOR

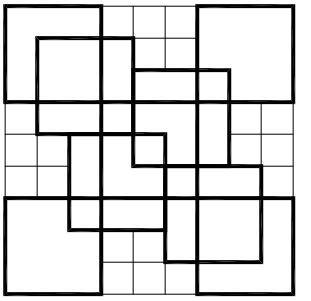
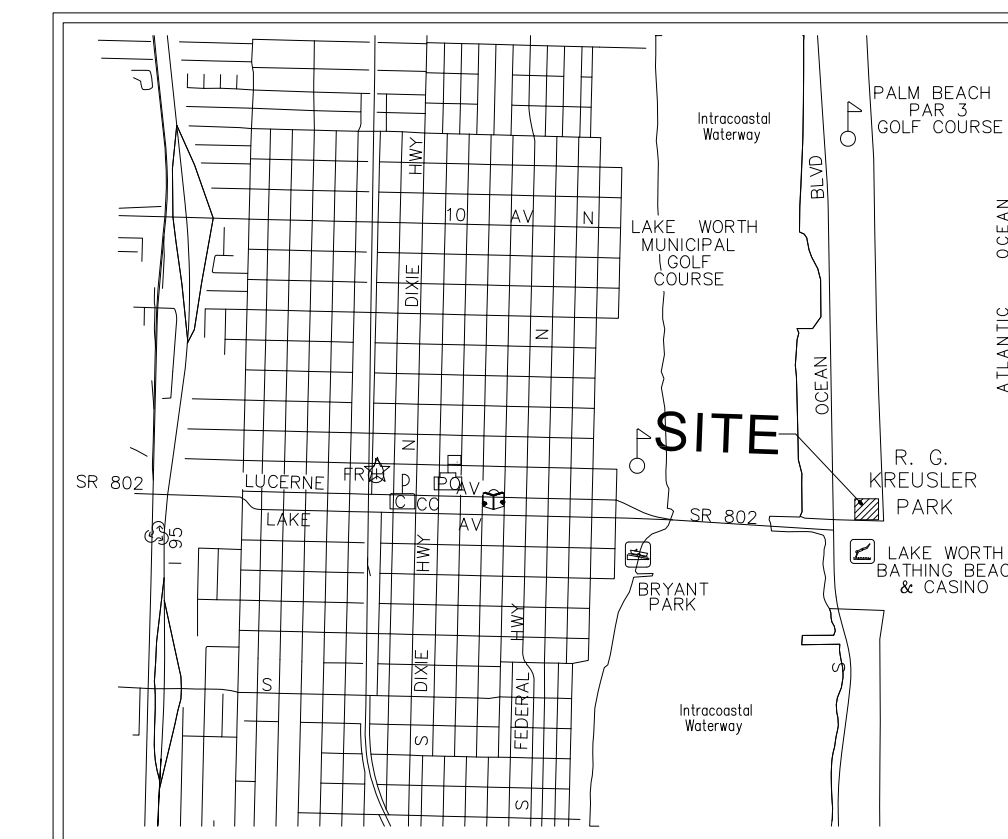
DISTRICT 5  
 DISTRICT 1  
 DISTRICT 2  
 DISTRICT 3  
 DISTRICT 4  
 DISTRICT 6  
 DISTRICT 7

FACILITIES DEVELOPMENT & OPERATIONS  
 CAPITAL IMPROVEMENTS DIVISION  
 WEST PALM BEACH, FLORIDA

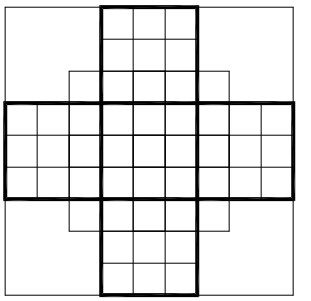
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**LOCATION MAP**



**COLOME & Associates, Inc.**  
 AA 0003439  
 530 24TH STREET  
 WEST PALM BEACH  
 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. G. COLOME  
 REG. NUMBER: AR 0014839

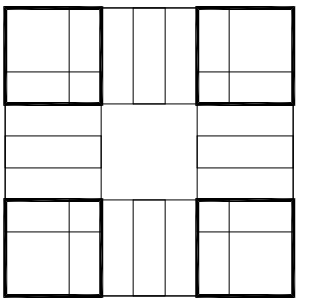


**P. B. C.**  
 R.G. KREUSLER PARK  
 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS

PBC NO 14204  
 201402

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402



SHEET TITLE  
**COVER**

**REVISIONS:**

DATE  
 11/20/15  
 DRAWN BY:  
 DM  
 CHECKED BY:  
 EAC

SHEET  
 NUMBER

**COVER**

# COUNTY OF PALM BEACH STATE OF FLORIDA

BOARD OF COUNTY COMMISSIONERS

PROJECT NO. 2014009-07

## R. G. KREUSLER PARK SPECIFIC PURPOSE SURVEY

PROPERTY DESCRIPTION  
(ORB 2271, PG 1377)

BEING A PORTION OF THE FOLLOWING DESCRIBED TRACT OF LAND:

THAT PARCEL OF LAND BOUNDED ON THE SOUTH BY THE NORTH RIGHT-OF-WAY LINE OF LAKE AVENUE (STATE ROAD 802) AND THE EASTERLY EXTENSION OF SAID NORTH RIGHT-OF-WAY LINE; BOUNDED ON THE WEST BY A LINE 200 TO THE EAST OF AND PARALLEL WITH THE EAST RIGHT-OF-WAY LINE OF STATE ROAD A-1-A, AS SHOWN IN ROAD PLAT BOOK 1, PAGE 156, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; BOUNDED ON THE NORTH BY THE NORTH LINE OF THE SOUTH 430 FEET OF GOVERNMENT LOT 2, SECTION 23, TOWNSHIP 44 SOUTH, RANGE 43 EAST; BOUNDED ON THE EAST BY THE WATERS OF THE ATLANTIC OCEAN; TOGETHER WITH ALL LITTORAL AND RIPARIAN RIGHTS PERTAINING THERETO, LESS ANY EXISTING RIGHT-OF-WAY OF OLD OCEAN BOULEVARD.

SURVEYOR'S REPORT

THE SURVEY SHOWN HEREON WAS MADE FOR THE SPECIFIC PURPOSE OF PROVIDING AS BUILT AND TOPOGRAPHIC INFORMATION FOR THAT PORTION OF THE PROPERTY SURROUNDING THE "BATH HOUSE" TO BE UTILIZED IN THE PLANNING, DESIGN AND FUTURE CONSTRUCTION/RECONSTRUCTION OF FACILITIES WITHIN THE AREA DELINEATED.

THE OVERALL PARK PROPERTY CONTAINS 3.5 ACRES MORE OR LESS (TOTAL - BASED ON PALM BEACH COUNTY PROPERTY APPRAISER DATA).

THIS IS NOT A "GEODETIC CONTROL SURVEY" AS DEFINED BY FLORIDA ADMINISTRATIVE CODE 5J-17.052(4)(A).

BEARINGS ARE BASED ON A GRID (NAD 83, 1990) BEARING OF NORTH 01°46'10" WEST RELATIVE TO THE LINE BETWEEN PALM BEACH COUNTY MONUMENT "A1A LAKE" AND FLORIDA DEPARTMENT OF TRANSPORTATION PNC MONUMENT "G030A1" AS SHOWN ON THIS SURVEY AND ALL OTHER BEARINGS ARE RELATIVE THERETO.

ELEVATIONS SHOWN HEREON ARE IN FEET AS REFERENCED TO N.A.V.D. '88 AND BASED ON PALM BEACH COUNTY BENCH MARK "A-1-A 7" HAVING AN ELEVATION OF 15.384, BEING AN X-CUT IN CONCRETE BULKHEAD WALL ± 7600 FEET SOUTH OF PHIPPS PARK, ABOUT 325 FEET NORTH OF THE NORTH END OF LAKE WORTH CASINO BUILDING ON THE LAKE WORTH BEACH

NO SEARCH OF THE PUBLIC RECORDS HAS BEEN MADE BY THE SIGNING SURVEYOR.

IT IS POSSIBLE THAT THERE ARE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, OR OTHER INSTRUMENTS WHICH COULD AFFECT THE SUBJECT PROPERTY, WHICH ARE UNKNOWN TO THE SIGNING SURVEYOR.

NO WETLAND DETERMINATIONS OR DELINEATIONS WERE CONDUCTED BY THIS SURVEY.

THE INTENDED PLOT SCALE FOR THIS DRAWING 1" = 20'.

FIELD WORK FOR THIS PROJECT IS LOCATED IN FIELD BOOK 817 A, PAGES 35 THRU 41 - AND WAS COMPLETED 02/26/2014. INSTRUMENTS USED WERE THE TOPCON GTS-4 TOTAL STATION & DATA COLLECTOR.

THE BOUNDARY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT BASED ON ANY FIELD SURVEY OR VERIFICATION. THIS IS NOT A BOUNDARY SURVEY AND SHOULD NOT BE USED TO DETERMINE BOUNDARY LINES.

THE FIELD TRAVERSE WAS BALANCED USING STAR NET PRO VERSION 6.0.36. A FIELD TRAVERSE WAS RUN IN ORDER TO ESTABLISH STATE PLANE COORDINATES ON THE ENTIRE SITE. EXISTING STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION GEODETIC CONTROL POINTS "BLC19", "G030", "G030A1"; AND PALM BEACH COUNTY STATE PLANE CONTROL POINT "A1A LAKE", WERE RECOVERED AND HELD FIXED IN THE TRAVERSE ADJUSTMENT.

COORDINATES SHOWN ARE GRID

DATUM = NAD 83, 1990 ADJUSTMENT

ZONE = FLORIDA EAST

LINEAR UNITS = US SURVEY FOOT

COORDINATE SYSTEM 1983 STATE PLANE TRANSVERSE MERCATOR PROJECTION

ALL DISTANCES ARE GROUND.

PROJECT SCALE FACTOR = 1.00005439.

GROUND DISTANCE X SCALE FACTOR = GRID DISTANCE

THE FILE NAMES UNDER PROJECT NO. 2014009-07 ARE FIELD TRAVERSE: 2014009-07 (KREUSLER PARK - SPECIFIC PURPOSE SURVEY).PRJ, AND 2014009-07 SURVEY NOTES.DOC.

UNDERGROUND FOUNDATIONS WERE NOT LOCATED AS A PART OF THIS SURVEY. UNDERGROUND UTILITIES AS SHOWN HEREON WERE LOCATED BASED ON FIELD MARKINGS BY OTHERS.

ALL ESTABLISHED CONTROL BASED ON THE MEASUREMENTS SHOWN, MEET OR EXCEED THE RELATIVE DISTANCE ACCURACY REQUIREMENT OF 1:10,000 (COMMERCIAL/HIGH RISK) REQUIRED BY THIS SURVEY.

DATE OF AERIAL PHOTO BY OTHERS 12/22/2012 - 01/24/2013. THIS IS AN ORTHO-IMAGE OR ORTHO-PHOTO. THE PHOTO WAS NOT CONTROLLED, TARGETED OR FIELD VERIFIED BY THE SIGNING SURVEYOR AND IS FOR INFORMATIONAL PURPOSES ONLY.

FEATURE SYMBOLS SHOWN ARE NOT TO SCALE.

HAL R. VALECHE  
DISTRICT 1

PAULETTE BURDICK  
DISTRICT 2

STEVEN L. ABRAMS  
DISTRICT 4

JESS R. SANTAMARIA  
DISTRICT 6



SHELLEY VANA  
DISTRICT 3

MARY LOU BERGER  
DISTRICT 5

PRISCILLA A. TAYLOR  
DISTRICT 7

LEGEND  
 CONC. = CONCRETE  
 FF EL. = FINISHED FLOOR ELEVATION  
 W.M. = WATER MAIN  
 P.P. = WOOD POWER POLE  
 = CABBAGE PALM  
 = MISCELLANEOUS TREE  
 +HB = HOSE BIB  
 E.B. = ELECTRIC BOX  
 I.R. = IRON ROD  
 = SIGN  
 R/W = RIGHT-OF-WAY  
 = CENTERLINE  
 ORB = OFFICIAL RECORD BOOK  
 RPB = ROAD PLAT BOOK  
 PG = PAGE  
 PNC = PROJECT NETWORK CONTROL

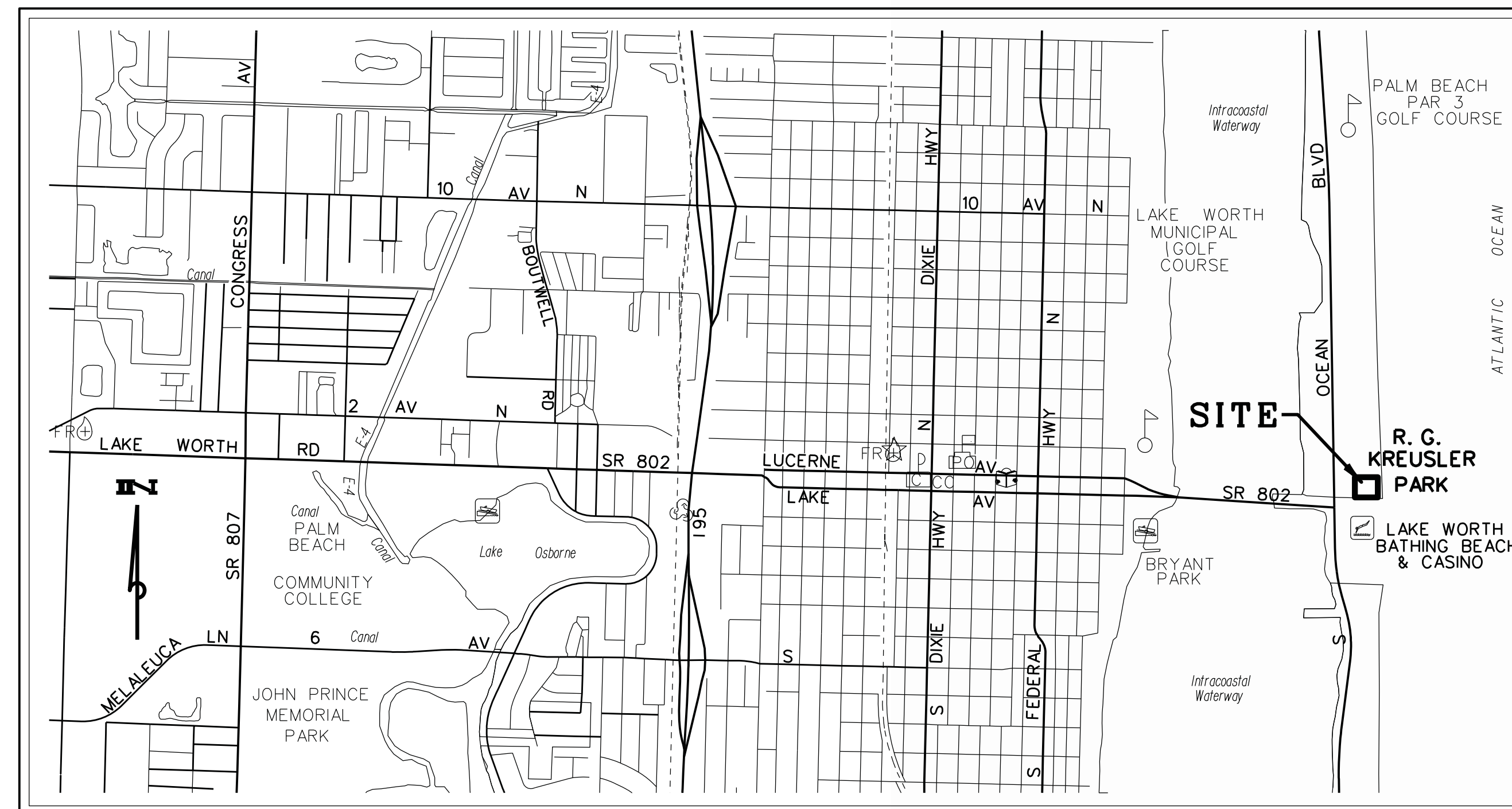
PALM BEACH COUNTY  
ENGINEERING AND PUBLIC WORKS  
ROADWAY PRODUCTION  
P. O. BOX 21229, WEST PALM BEACH, FLORIDA



NO.	REVISION	DATE

SCALE: 1" = 20'  
 APPROVED: R.W.B.  
 DRAWN: E.A.O.  
 CHECKED: G.W.M.  
 DATE: 03/12/14  
 FIELD BOOK NO.

SECTION 23, TOWNSHIP 44 SOUTH, RANGE 43 EAST



LOCATION MAP  
N.T.S.

THIS INSTRUMENT PREPARED BY RICHARD W. BUSSELL, P.L.S. IN THE OFFICE OF THE COUNTY ENGINEER LOCATED AT VISTA CENTER 2300 NORTH JOGG ROAD, WEST PALM BEACH, FLORIDA 33411-2745.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

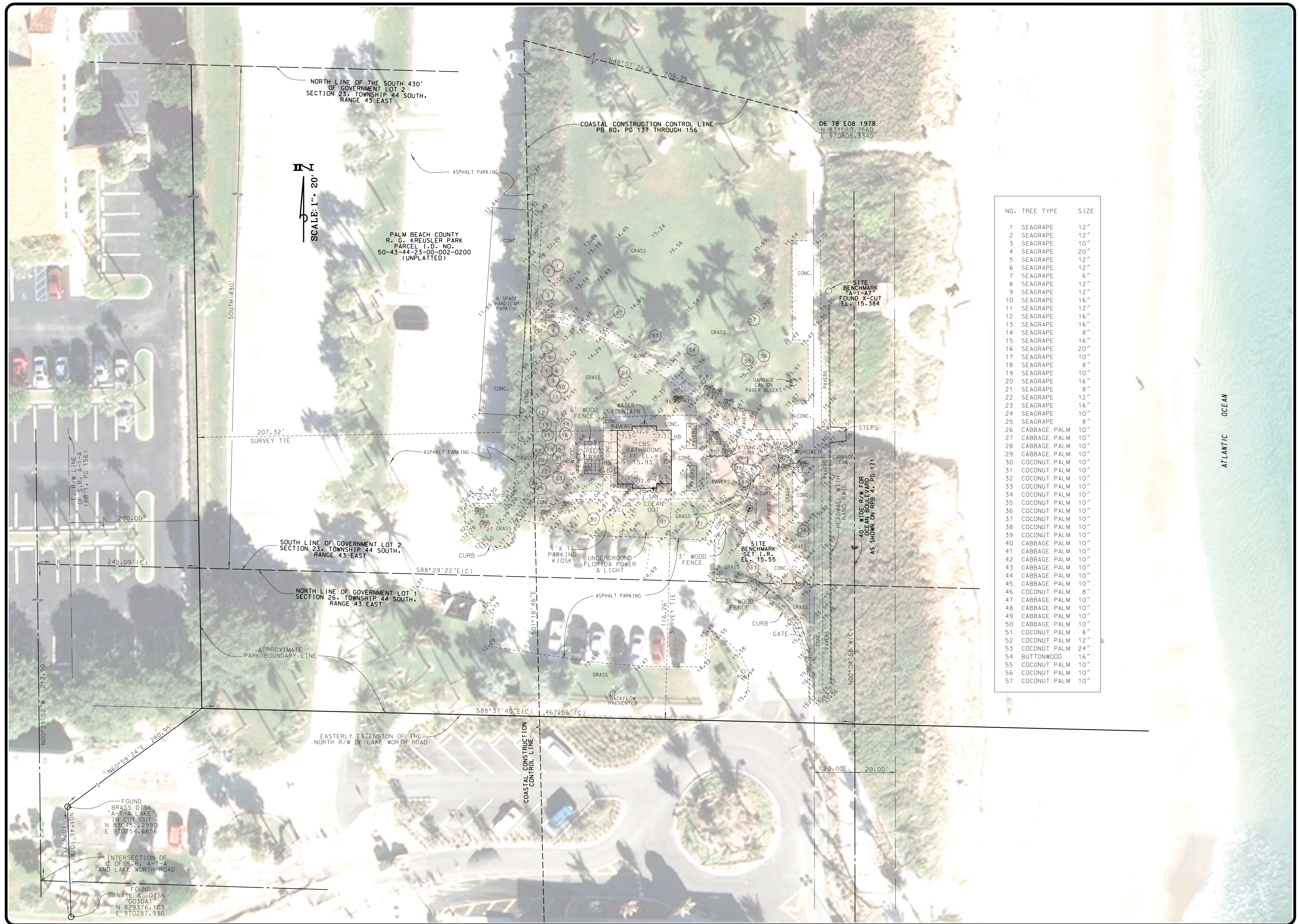
I HEREBY CERTIFY THAT THE SPECIFIC PURPOSE SURVEY SHOWN HEREON WAS MADE UNDER MY RESPONSIBLE DIRECTION AND SUPERVISION AND THAT SAID SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17.050-.052, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

RICHARD W. BUSSELL  
PROFESSIONAL LAND SURVEYOR  
FLORIDA CERTIFICATE NO. 3858

DATE

PROJECT:  
**R. G. KREUSLER PARK  
SPECIFIC PURPOSE  
SURVEY**  
 DESIGN FILE NAME: S-3-14-3495.DGN  
 DRAWING NO.: S-3-14-3495

SHEET: 1  
 OF: 2  
 PROJECT NO.  
2014009-07



SCALE: 1" = 20' H

NO.	TREE TYPE	SIZE
1	SEAGRAPE	12"
2	SEAGRAPE	12"
3	SEAGRAPE	10"
4	SEAGRAPE	20"
5	SEAGRAPE	12"
6	SEAGRAPE	12"
7	SEAGRAPE	6"
8	SEAGRAPE	12"
9	SEAGRAPE	12"
10	SEAGRAPE	16"
11	SEAGRAPE	12"
12	SEAGRAPE	16"
13	SEAGRAPE	16"
14	SEAGRAPE	8"
15	SEAGRAPE	16"
16	SEAGRAPE	20"
17	SEAGRAPE	10"
18	SEAGRAPE	8"
19	SEAGRAPE	10"
20	SEAGRAPE	16"
21	SEAGRAPE	8"
22	SEAGRAPE	12"
23	SEAGRAPE	16"
24	SEAGRAPE	10"
25	SEAGRAPE	8"
26	CABBAGE PALM	10"
27	CABBAGE PALM	10"
28	CABBAGE PALM	10"
29	CABBAGE PALM	10"
30	COCONUT PALM	10"
31	COCONUT PALM	10"
32	COCONUT PALM	10"
33	COCONUT PALM	10"
34	COCONUT PALM	10"
35	COCONUT PALM	10"
36	COCONUT PALM	10"
37	COCONUT PALM	10"
38	COCONUT PALM	10"
39	COCONUT PALM	10"
40	CABBAGE PALM	10"
41	CABBAGE PALM	10"
42	CABBAGE PALM	10"
43	CABBAGE PALM	10"
44	CABBAGE PALM	10"
45	CABBAGE PALM	10"
46	COCONUT PALM	8"
47	CABBAGE PALM	10"
48	CABBAGE PALM	10"
49	CABBAGE PALM	10"
50	CABBAGE PALM	10"
51	COCONUT PALM	8"
52	COCONUT PALM	12"
53	COCONUT PALM	24"
54	BUTTONWOOD	16"
55	COCONUT PALM	10"
56	COCONUT PALM	10"
57	COCONUT PALM	10"

NO.	REVISION	BY	DATE

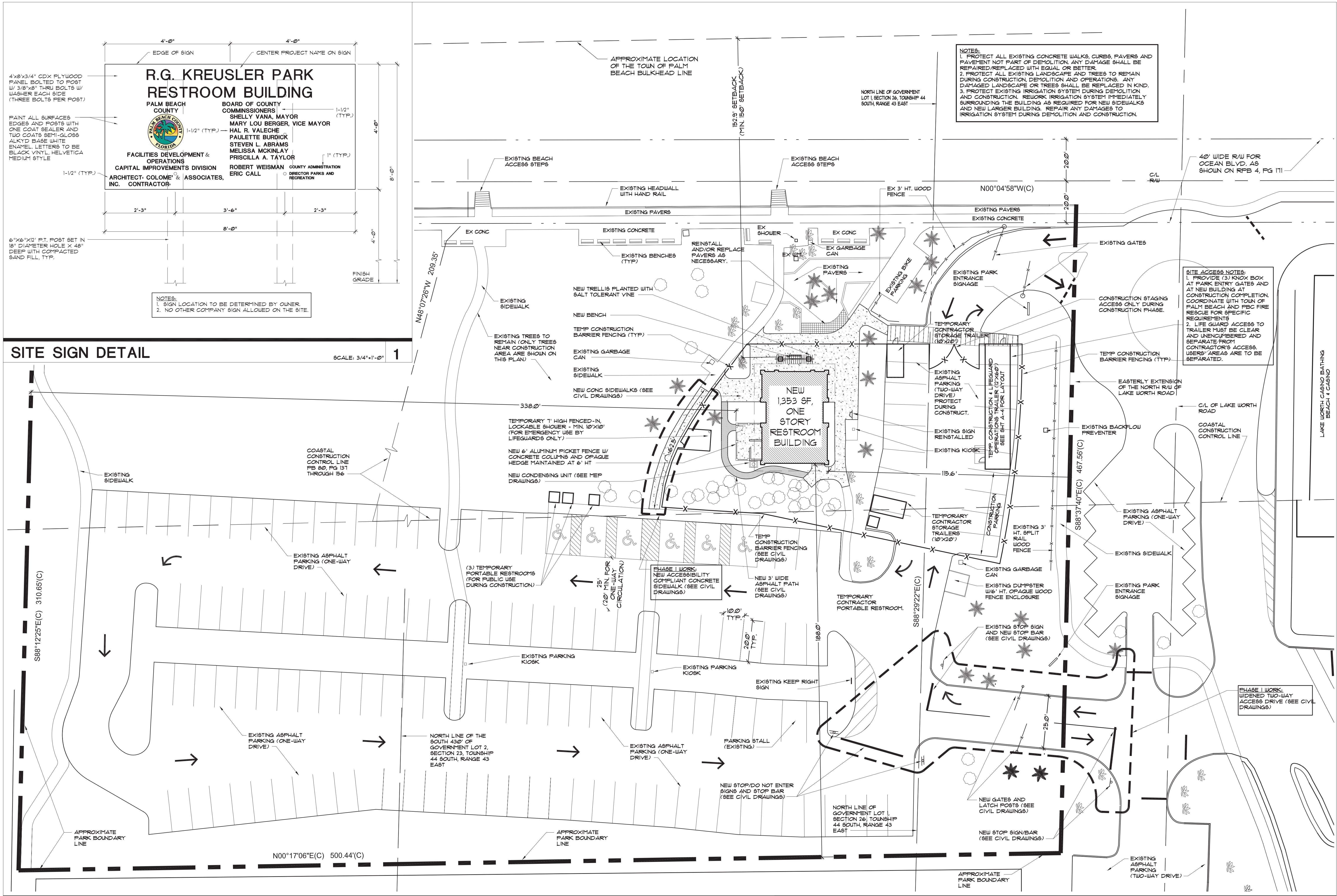
SCALE: 1" = 20'  
 APPROVED: R.W.B.  
 DRAWN: E.A.O.  
 CHECKED: G.W.M.  
 DATE: 03/12/14

PROJECT:  
**R.G. KREUSLER PARK**  
**SPECIFIC PURPOSE**  
**SURVEY**

DESIGN FILE NAME: S-3-14-3495.DGN  
 DRAWING NO.: S-3-14-3495  
 PROJECT NO.: 2014009-07

SHEET: 2  
 OF: 2

ATLANTIC OCEAN



**NOTES:**  
 1. PROTECT ALL EXISTING CONCRETE WALKS, CURBS, PAVERS AND PAVEMENT NOT PART OF DEMOLITION. ANY DAMAGE SHALL BE REPAIRED/REPLACED WITH EQUAL OR BETTER.  
 2. PROTECT ALL EXISTING LANDSCAPE AND TREES TO REMAIN DURING CONSTRUCTION, DEMOLITION AND OPERATIONS. ANY DAMAGED LANDSCAPE OR TREES SHALL BE REPLACED IN KIND.  
 3. PROTECT EXISTING IRRIGATION SYSTEM DURING DEMOLITION AND CONSTRUCTION. REWORK IRRIGATION SYSTEM IMMEDIATELY SURROUNDING THE BUILDING AS REQUIRED FOR NEW SIDEWALKS AND NEW LARGER BUILDING. REPAIR ANY DAMAGES TO IRRIGATION SYSTEM DURING DEMOLITION AND CONSTRUCTION.

**SITE ACCESS NOTES:**  
 1. PROVIDE (3) KNOX BOX AT PARK ENTRY GATES AND AT NEW BUILDING AT CONSTRUCTION COMPLETION. COORDINATE WITH TOWN OF PALM BEACH AND PBC FIRE RESCUE FOR SPECIFIC REQUIREMENTS.  
 2. LIFE GUARD ACCESS TO TRAILER MUST BE CLEAR AND UNOBSTRUCTED AND SEPARATE FROM CONTRACTOR'S ACCESS. USERS' AREAS ARE TO BE SEPARATED.

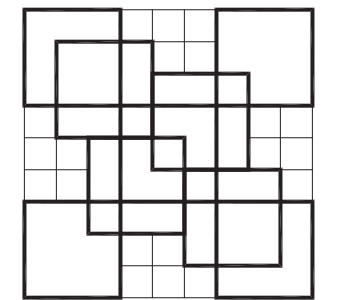
**NOTES:**  
 1. SIGN LOCATION TO BE DETERMINED BY OWNER.  
 2. NO OTHER COMPANY SIGN ALLOWED ON THE SITE.

**SITE SIGN DETAIL**

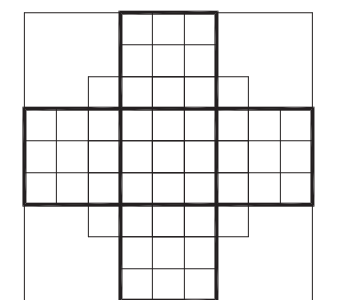
SCALE: 3/4"=1'-0" 1

**SITE PLAN AND CONSTRUCTION FACILITIES PLAN**

SCALE: 1"=20'-0"

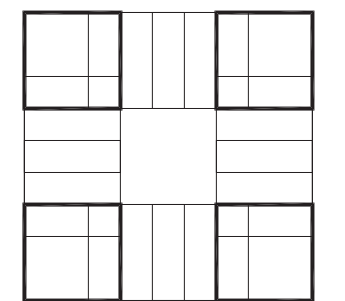


**COLOME & Associates, Inc.**  
 AA 0003439  
 530 24TH STREET  
 WEST PALM BEACH  
 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. & COLOME  
 REG. NUMBER: AR 004839



**P.B.C.**  
 R.G. KREUSLER PARK  
 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS  
 PBC NO 14204  
 2886 SOUTH OCEAN BLVD.

LAKE WORTH CASINO BATHING BEACH & CASINO  
 LAKE WORTH FLORIDA  
 PROJECT NO. 201402



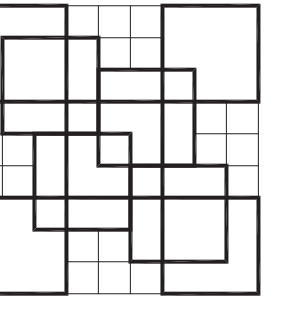
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**SITE PLAN AND CONSTRUCTION FACILITIES PLAN**

**REVISIONS:**

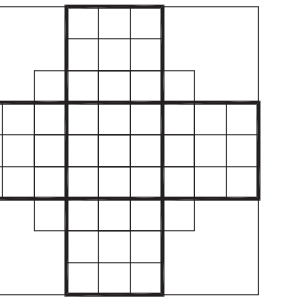
DATE  
 11/20/15  
 DRAWN BY:  
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 CHECKED BY:  
 EAC

SHEET NUMBER

**SP-2**



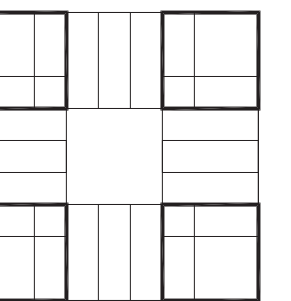
**COLOME'**  
**& Associates, Inc.**  
**AA 0003439**  
 530 24TH STREET  
 WEST PALM BEACH  
 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. & COLOME  
 REG. NUMBER: AR 004839



**P. B. C.**  
 R.G. KREUSLER PARK  
**RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS**  
**PBC NO 14204**  
 2886 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402



SHEET TITLE:  
**LIFE SAFETY  
 PLAN**

REVISIONS:

DATE  
**11/20/15**  
 DRAWN BY:  
**DM**  
 CHECKED BY:  
**EAC**

SHEET  
 NUMBER:

**LS-1**

**Design Standards:**

- New Work shall conform to all applicable Codes, Standards and requirements of Authorities having Jurisdiction, including but not limited to the following:

Applicable editions of the following, including State and local Amendments:  
 5th Edition (2014) Florida Building Code / Building  
 5th Edition (2014) Florida Building Code / Existing Building  
 5th Edition (2014) Florida Building Code / Plumbing  
 5th Edition (2014) Florida Building Code / Mechanical  
 NFPA 70, National Electric Code, 2011 Edition  
 5th Edition (2014) Florida Fire Prevention Code  
 5th Edition (2014) Florida Accessibility Code for Building Construction

- Building is not Sprinklered

**Project Description**

New entry drive and restroom building at the existing R.G. Kreusler Park, the building is one(1) story, 1,353 total square feet, including restrooms and covered areas. The park consists primarily of parking and boat ramps with the only other on-site structure being removed.

**Construction Type per 2014 Codes**

FBC / B: Type V-B

**Occupancy Classifications**

Group U: Locker room, public restrooms and lifeguard equipment storage

As per FBC/B, Chapter 10 definitions, the Net Floor Area is the actual occupied area not including unoccupied accessory areas such as corridors, stairways, toilet rooms, mechanical rooms and closets.  
 Therefore the definition of Net Floor Area defines toilet rooms as an unoccupied accessory area.

**Building Area**

Area 1,356 SF

**Allowable Building Areas**

First Floor 5,500 SF

**Number of Stories / Height**

Allowed One (1) Story / 40'  
 Proposed One (1) Story / 16'-9"

**Occupant Loads**

Locker Room:  
 442 GSF / 50 GSF per person = 9 People

**Maximum Travel Distance**

Allowed: = 200'-0"  
 Proposed: = 41'-1"

**Maximum Common Path of Travel**

Allowed: = 100'-0"  
 Proposed: = 41'-1"

**Maximum Dead End Corridor**

Allowed: = 20'-0"  
 Proposed: = 17'-4"

**Building Elements Fire Ratings**

No Fire Resistant ratings required per Table 601 for Type V B construction.  
 No Fire Resistant ratings for exterior wall required per Table 602 for 30' fire separation.

**Percentage of Unprotected Openings**

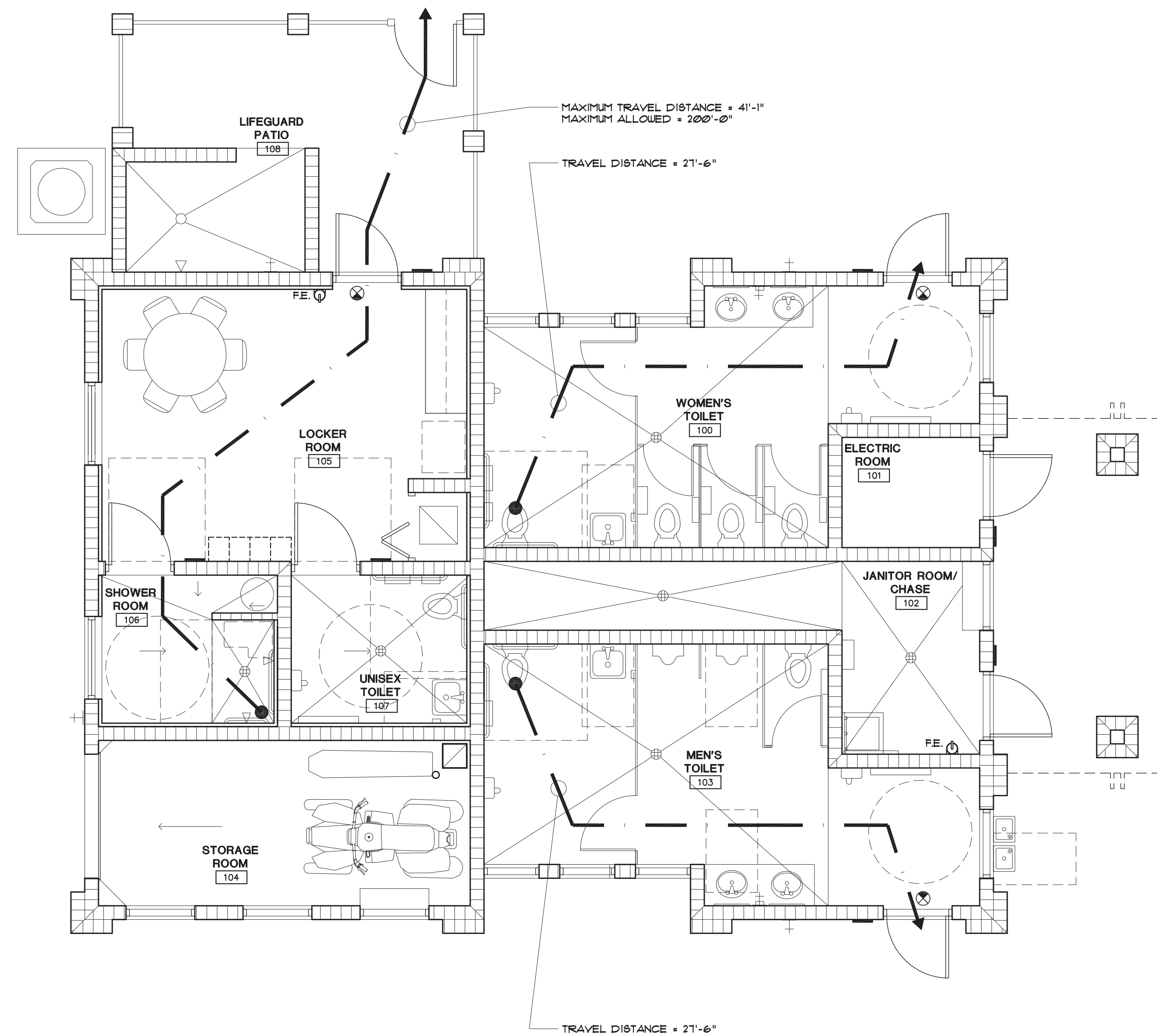
No limit in area of exterior wall openings per Table 705.8 for 30' fire separation.

**Plumbing Fixtures**

Fixtures Count Required - N/A no occupancy classification  
 Fixtures Proposed  
 Water Closets - Female: 4  
 Water Closets - Male: 2  
 Urinals - Male: 2  
 Lavatories - Female: 3  
 Lavatories - Male: 3

Fixtures Count Required - Locker Room  
 Per FBC/P 403.2 exception 2, separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.

Fixtures Proposed  
 Water Closets - Unisex for Life Guards: 1  
 Lavatories - Unisex for Life Guards: 1  
 Shower - Unisex for Life Guards: 1  
 Rinsing Shower (exterior) - Life Guards: 1



NOTE:  
 THIS STRUCTURE IS CONSIDERED A  
 "NON-HABITABLE MAJOR  
 STRUCTURE" PER SECTION 62B-33  
 OF FLORIDA ADMINISTRATIVE CODE  
 (FAC). THEREFORE NOT SUBJECT  
 TO THE 5th EDITION FBC 2014,  
 SECTION 3109

**LIFE SAFETY PLAN**

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

# ROOM FINISH SCHEDULE

RM NO	RM NAME	FL	WALL	WALL	BASE	WALL	WALL	BASE	WALL	WALL	BASE	WALL	WALL	CLG	CLG	REMARKS
			MTL	FIN	MTL	FIN	MTL	FIN	MTL	FIN	MTL	FIN	MTL	HT		
100	WOMEN		EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	CP	10'-5"	
101	ELECTRICAL		CONC.	PL/CMU	PNT	-	PL/CMU	PNT	-	PL/CMU	PNT	-	CP	10'-5"		
102	JANITOR ROOM/CHASE		CONC.	PL/CMU	PNT	-	PL/CMU	PNT	-	PL/CMU	PNT	-	CP	10'-5"		
103	MEN		EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	PNT	EPOXY	PL/CMU	CP	10'-5"	
104	STORAGE ROOM		CONC.	PL/CMU	PNT	-	PL/CMU	PNT	-	PL/CMU	PNT	-	CP	10'-5"		
105	BREAK ROOM		EPOXY	MR GYP	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	CP	10'-5"	
106	SHOWER ROOM		EPOXY	PL/CMU	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	CP	10'-5"	EPOXY FLOOR FINISH AT SHOWER
107	UNISEX TOILET		EPOXY	PL/CMU	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	PNT	EPOXY	MR GYP	CP	10'-5"	

# DOOR SCHEDULE

HWDR GROUP	DOOR NO.	DOOR SIZE	DRFR	DOOR THK	DOOR MAT.	DOOR FINISH	FRAME MAT.	FRAME FINISH	REMARKS
01	100	3'X7'	1	A	1 3/4"	FRP	FRP	FRP	CLOSER
02	101	3'X7'	1	A	1 3/4"	FRP	FRP	FRP	HOLD OPEN
02	102	3'X7'	1	A	1 3/4"	FRP	FRP	FRP	HOLD OPEN
01	103	3'X7'	1	A	1 3/4"	FRP	FRP	FRP	CLOSER
03	104	SS	3	-	1 3/4"	SS	SS	-	STAINLESS STEEL ROLL UP DOOR
04	105	3'X7'	1	A	1 3/4"	FRP	FRP	FRP	CLOSER
05	106	3'X7'	1	A	1 3/4"	MTL	MTL	PNT	UNDERCUT DOOR
06	107	3'X7'	1	A	1 3/4"	MTL	MTL	PNT	UNDERCUT DOOR
07	108	3'X7'	2	A	1 3/4"	MTL	MTL	PNT	BI-FOLD

**DOOR LEGEND**  
 FRP = FIBERGLASS REINFORCED POLYMER (SEE SPECIFICATIONS)  
 MTL = METAL  
 PNT = PAINT  
 SS = STAINLESS STEEL

**NOTE**  
 AT MINIMUM ALL EXTERIOR DOORS AND WINDOWS ARE TO MEET THE APPLICABLE REQUIREMENTS OF 2015 IBC 2014, 1102 INCLUDING AIR INFILTRATION, WATER INFILTRATION, AND PRESSURE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TESTING RESULTS THAT COMPLY WITH THESE CODE REQUIREMENTS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**HARDWARE GROUP NO. 01**  
 PROVIDE EACH 8GL DOOR(S) WITH THE FOLLOWING:  
 QTY DESCRIPTION CATALOG NUMBER FINISH MFR  
 3 EA HW HINGE 5BB1HW 4.5 X 4.5 NRP SEC 630 IVE  
 1 EA CLASSROOM 8T37S SH 626 BE9  
 1 EA CLASSROOM 9K31R 1BD LM SH WS 626 BE9  
 1 EA SURFACE CLOSER 4040XP SCUSH 9RI TBUMS 689 LCN  
 1 EA KICK PLATE 8400 10" X 2" LDW 630 IVE  
 1 EA THRESHOLD 2005AV AL FEM1  
 LOCKED FROM OUTSIDE ONLY. ALWAYS FREE EGRESS FROM INSIDE  
 OPERATIONAL DESCRIPTION:  
 SELF-CLOSING. TEMPLATING ALLOWS SPRING CUSH ARM TO STOP THE DOOR'S SWING BETWEEN 85 AND 110 DEGREES.

**HARDWARE GROUP NO. 02**  
 PROVIDE EACH 8GL DOOR(S) WITH THE FOLLOWING:  
 QTY DESCRIPTION CATALOG NUMBER FINISH MFR  
 3 EA HW HINGE 5BB1 4.5 X 4.5 630 IVE  
 1 EA PRIVACY 9K3L 1BD 626 BE9  
 1 EA FLOOR STOP F8439 630 IVE

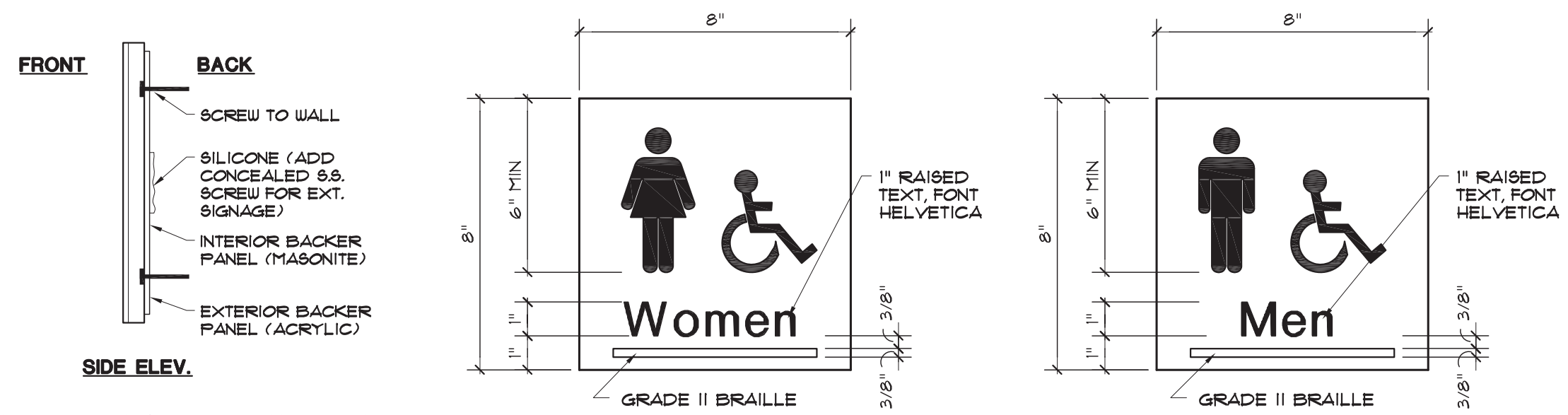
**HARDWARE GROUP NO. 03**  
 PROVIDE EACH 8GL DOOR(S) WITH THE FOLLOWING:  
 QTY DESCRIPTION CATALOG NUMBER FINISH MFR  
 3 EA HW HINGE 5BB1 4.5 X 4.5 630 IVE  
 1 EA PRIVACY 9K3L 1BD 626 BE9  
 1 EA SURFACE CLOSER 1461 TBUMS 689 LCN  
 1 EA KICK PLATE 8400 10" X 2" LDW 630 IVE  
 1 EA WALL STOP WS406/1401CCV 630 FEM1  
 OPERATIONAL DESCRIPTION:  
 SELF CLOSING.

**HARDWARE GROUP NO. 04**  
 PROVIDE EACH BF DOOR(S) WITH THE FOLLOWING:  
 QTY DESCRIPTION CATALOG NUMBER FINISH MFR  
 1 EA BIFOLD TRACK BF125N-00-36 STA  
 1 EA BIFOLD KNOB AS SELECTED 626 STA

**HARDWARE GROUP NO. 05**  
 PROVIDE EACH 8GL DOOR(S) WITH THE FOLLOWING:  
 QTY DESCRIPTION CATALOG NUMBER FINISH MFR  
 3 EA HW HINGE 5BB1HW 4.5 X 4.5 NRP SEC 630 IVE  
 1 EA CLASSROOM 8T37S SH 626 BE9  
 1 EA DORMITORY 9K31T 1BD LM WS 626 BE9  
 1 EA SURFACE CLOSER 4040XP SCUSH 9RI TBUMS 689 LCN  
 1 EA KICK PLATE 8400 10" X 2" LDW 630 IVE  
 1 EA THRESHOLD 2005AV AL FEM1  
 LOCKED FROM OUTSIDE ONLY. ALWAYS FREE EGRESS FROM INSIDE  
 OPERATIONAL DESCRIPTION:  
 SELF-CLOSING. TEMPLATING ALLOWS SPRING CUSH ARM TO STOP THE DOOR'S SWING BETWEEN 85 AND 110 DEGREES.

# DOOR SCHEDULE AND FINISH SCHEDULE

SCALE: N.T.S. **2**



**GENERAL NOTE:**  
 1. PROVIDE INTERIOR ADA ROOM SIGNAGE AT ALL OCCUPIED AND NON-OCCUPIED SPACES. REFER TO FLOOR PLAN FOR LOCATIONS. ALL SIGNAGE MUST COMPLY WITH PALM BEACH COUNTY SIGN REQUIREMENTS AND ADA HEIGHT REQUIREMENTS.  
 2. SUBMIT SHOP DRAWINGS FOR ARCHITECTS AND OWNERS REVIEW BEFORE COMMENCEMENT OF ALL SIGNS. VERIFY ALL ROOM NAMES & ROOM NUMBERS WITH PBC PARKS & RECREATION DEPARTMENT.  
 3. SUBMIT ONE ACTUAL SIZE SAMPLE OF EACH SIGN FOR REVIEW AND APPROVAL.

CENTERLINE OF SIGN TO BE 60 INCH AFF LOCATE SIGN TO LATCH SIDE OF DOOR  
**NOTE:**  
 PROVIDE SIGNAGE, SIMILAR TO ABOVE FOR:  
 - JANITOR ROOM/CHASE  
 - ELECTRICAL ROOM  
 - BREAK ROOM

# SIGNAGE DETAIL

SCALE: N.T.S. **3**

# FINISH LEGEND

**FLOORS:**  
 EPOXY EPOXY DURA QUARTZ - COLOR TO BE SELECTED BY ARCHITECT  
 CONC. SEALED CONCRETE SLAB  
**WALLS:**  
 PNT 1 EPOXY SEMI-GLOSS PAINT - COLOR TO BE SELECTED BY OWNER  
 PL/CMU CONCRETE MASONRY UNIT W/ 1/4" SKIMCOAT  
 MR GYP 5/8" MOISTURE RESISTANT GYP BD ON FURRING ON CMU  
**BASE:**  
 EPOXY 4" EPOXY DURA QUARTZ, CONTINUE FLOORING COLOR TO BE SELECTED BY ARCHITECT  
**CEILING:**  
 CP CEMENT PLASTER

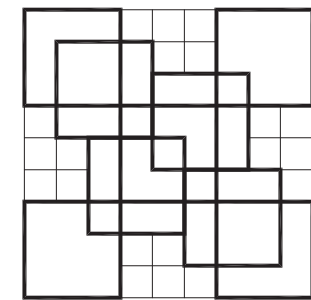
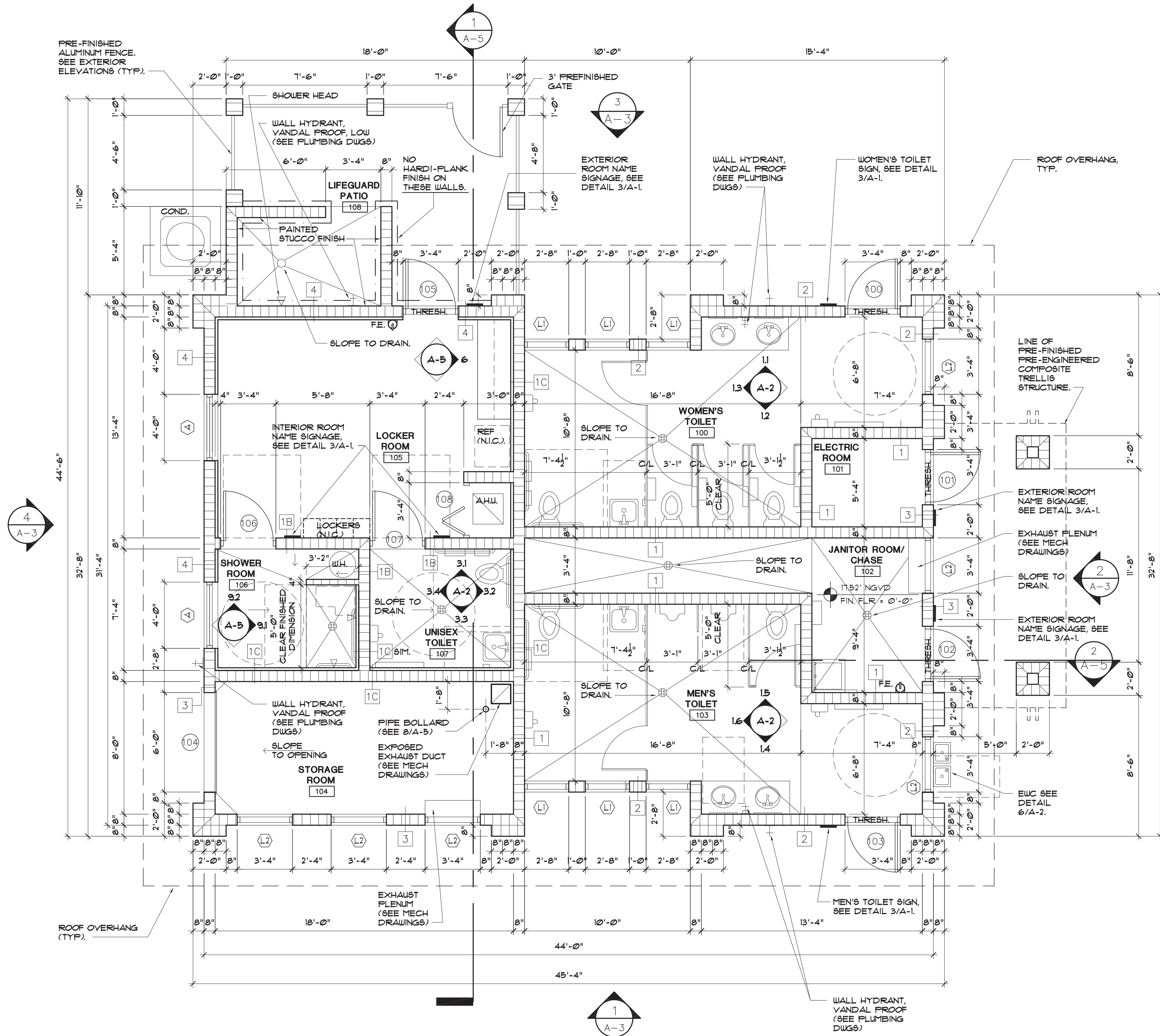
# LOUVER TYPES

# WINDOW TYPE

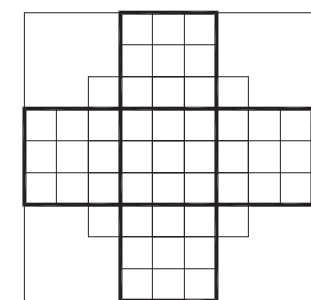
# FRAME TYPES

# DOOR TYPES

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



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 AA 0003439  
 530 24TH STREET  
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 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. COLOME  
 REG. NUMBER: AR 004839



**P.B.C.**  
 R.G. KREUSLER PARK  
 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS  
 PBC NO 14204  
 2886 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402

SHEET TITLE:  
**FLOOR PLAN  
 AND SCHEDULES**

REVISIONS:

DATE

11/20/15

DRAWN BY:

DM

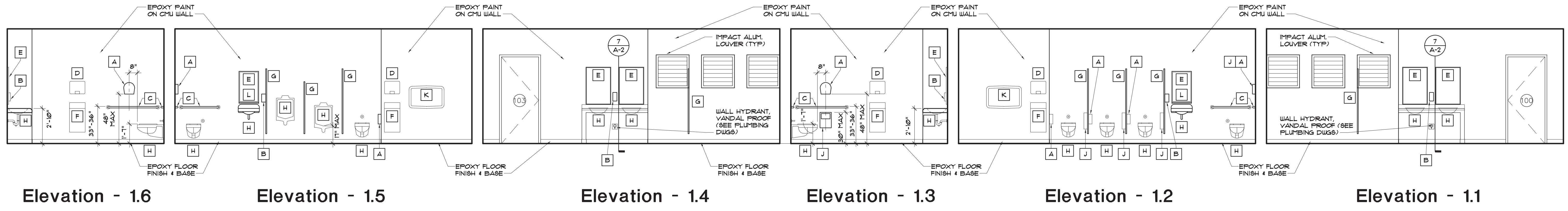
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EAC

SHEET

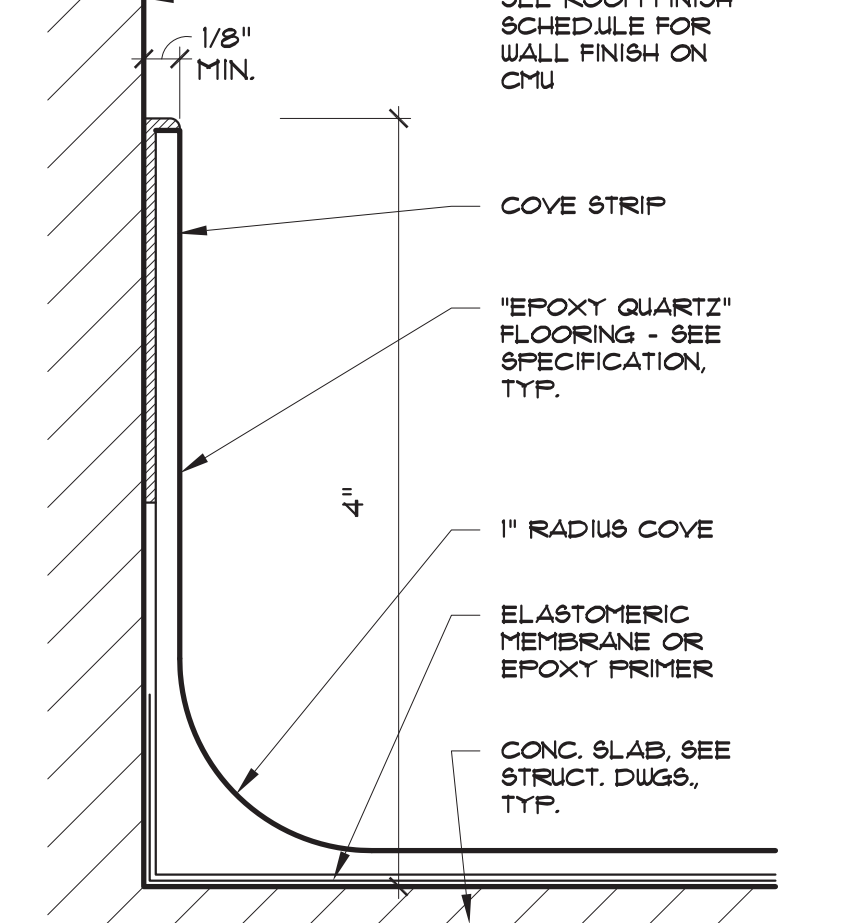
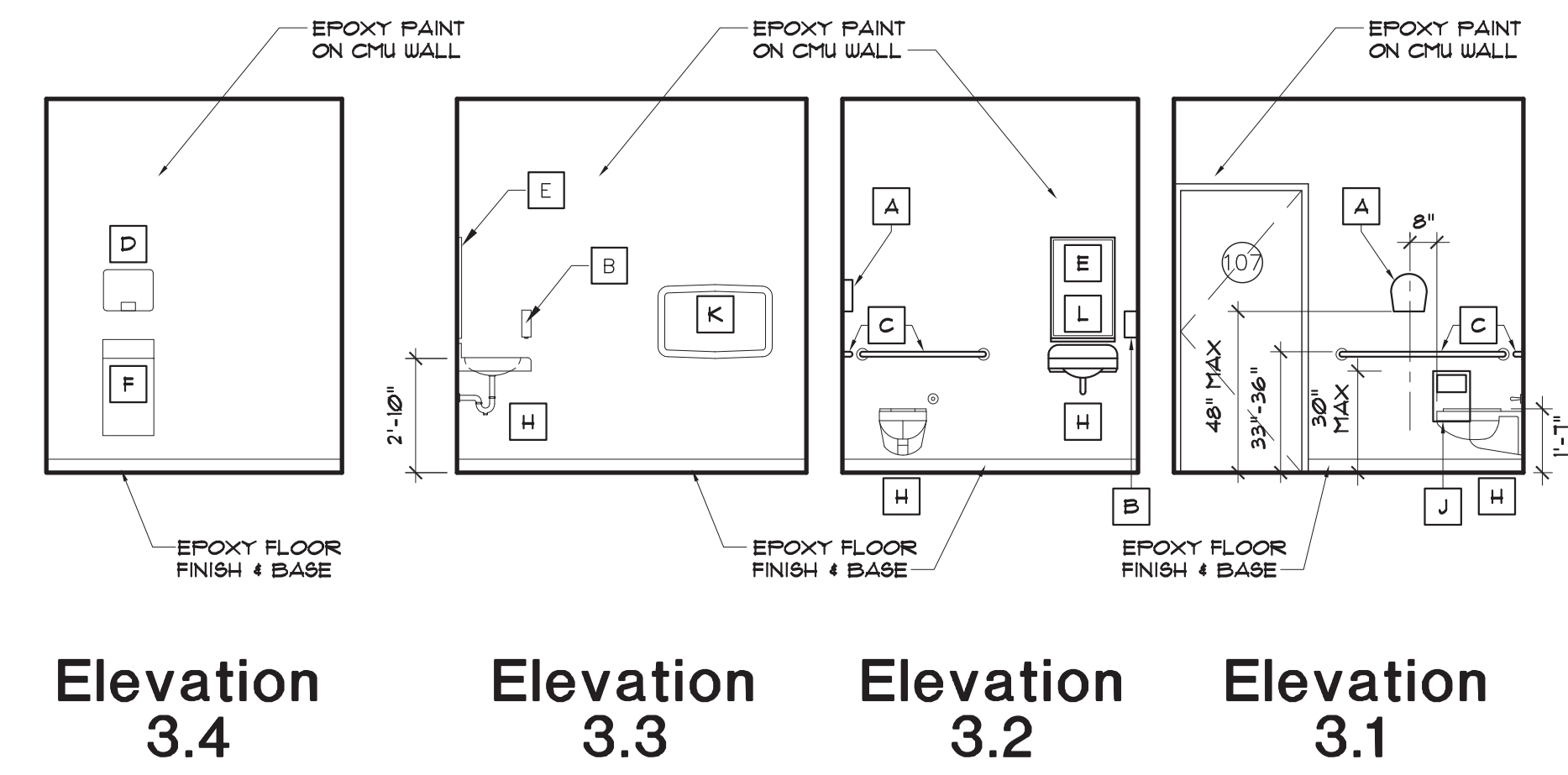
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**A-1**



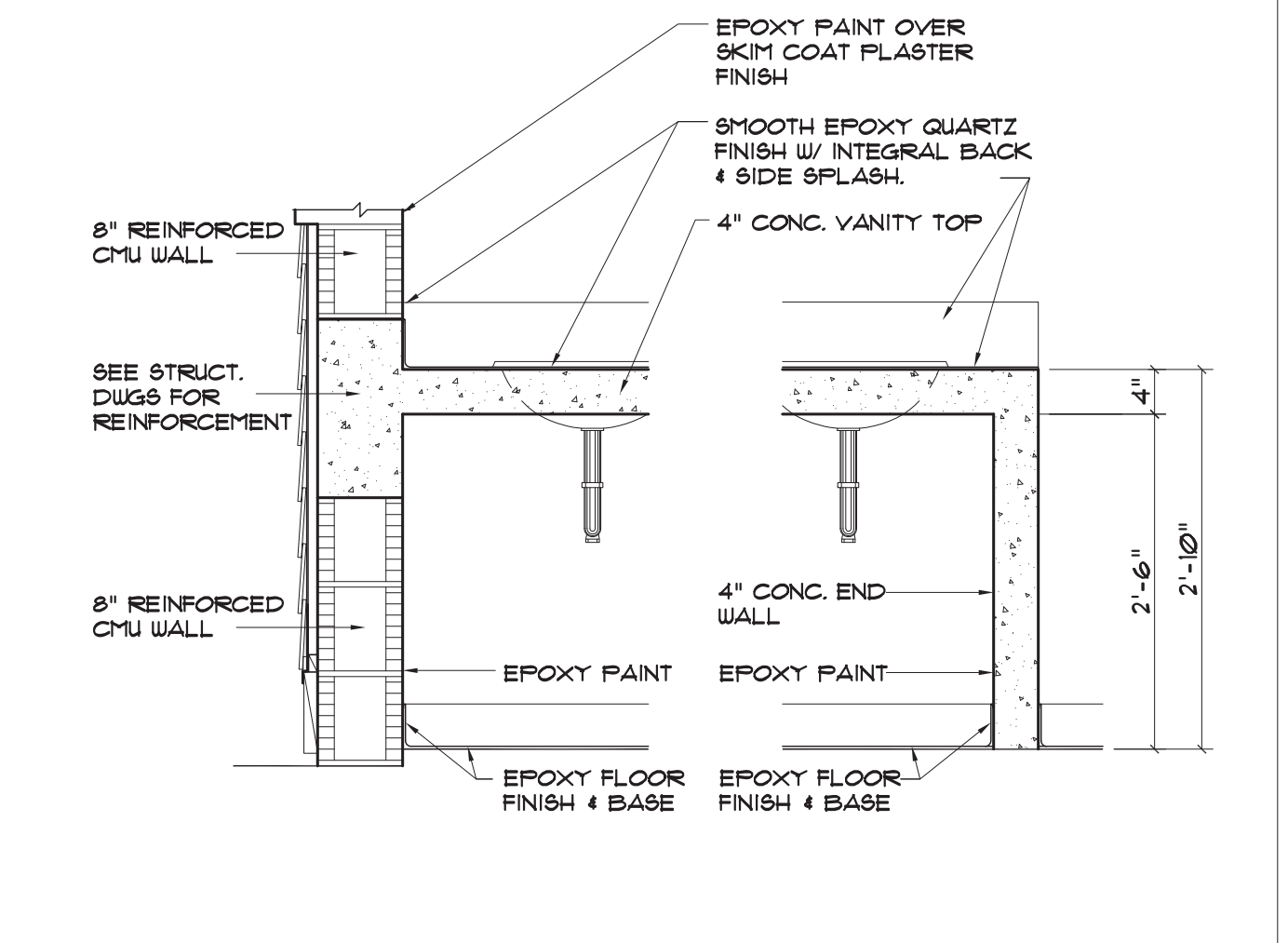
**INTERIOR ELEVATIONS**

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

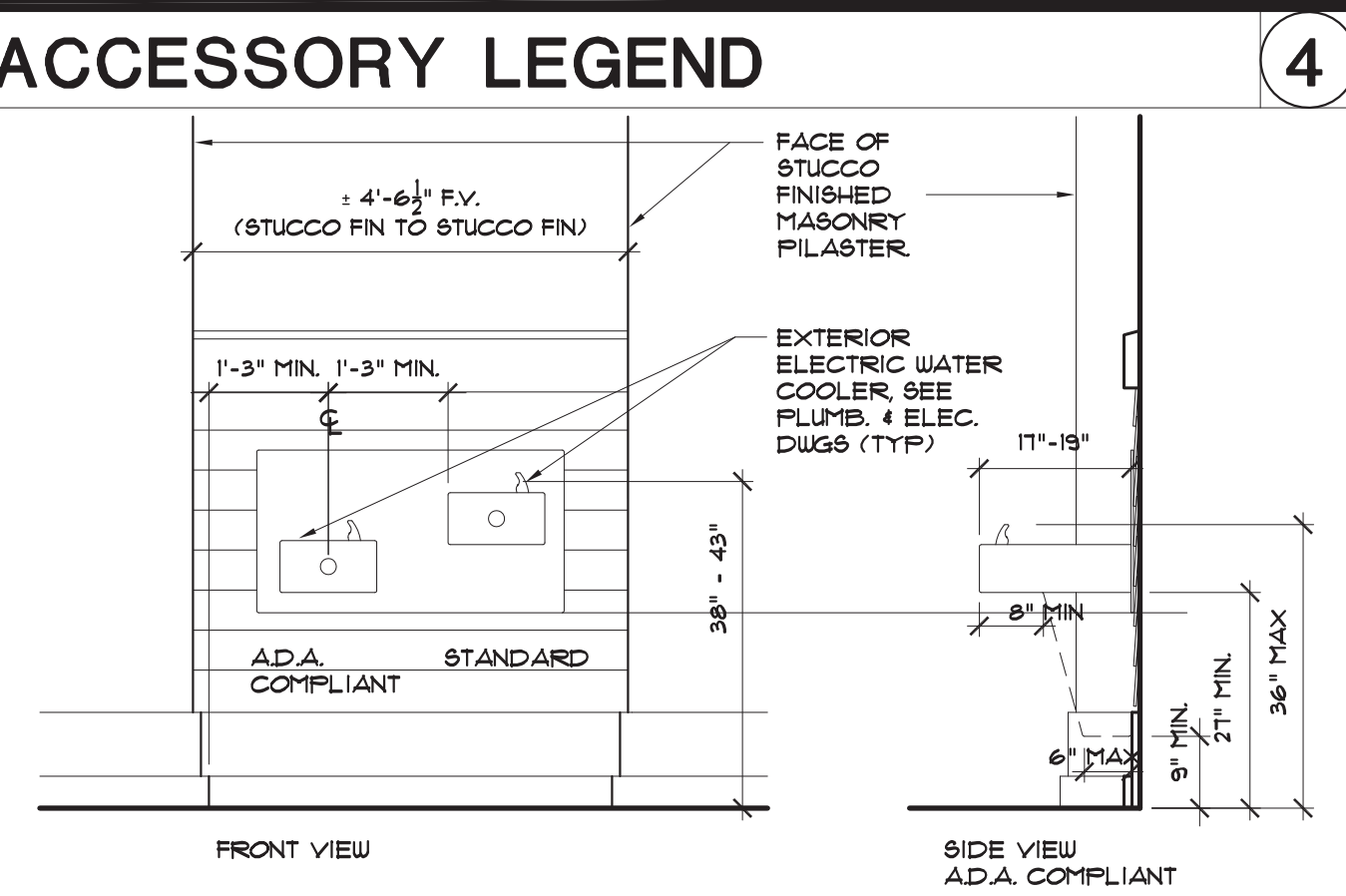
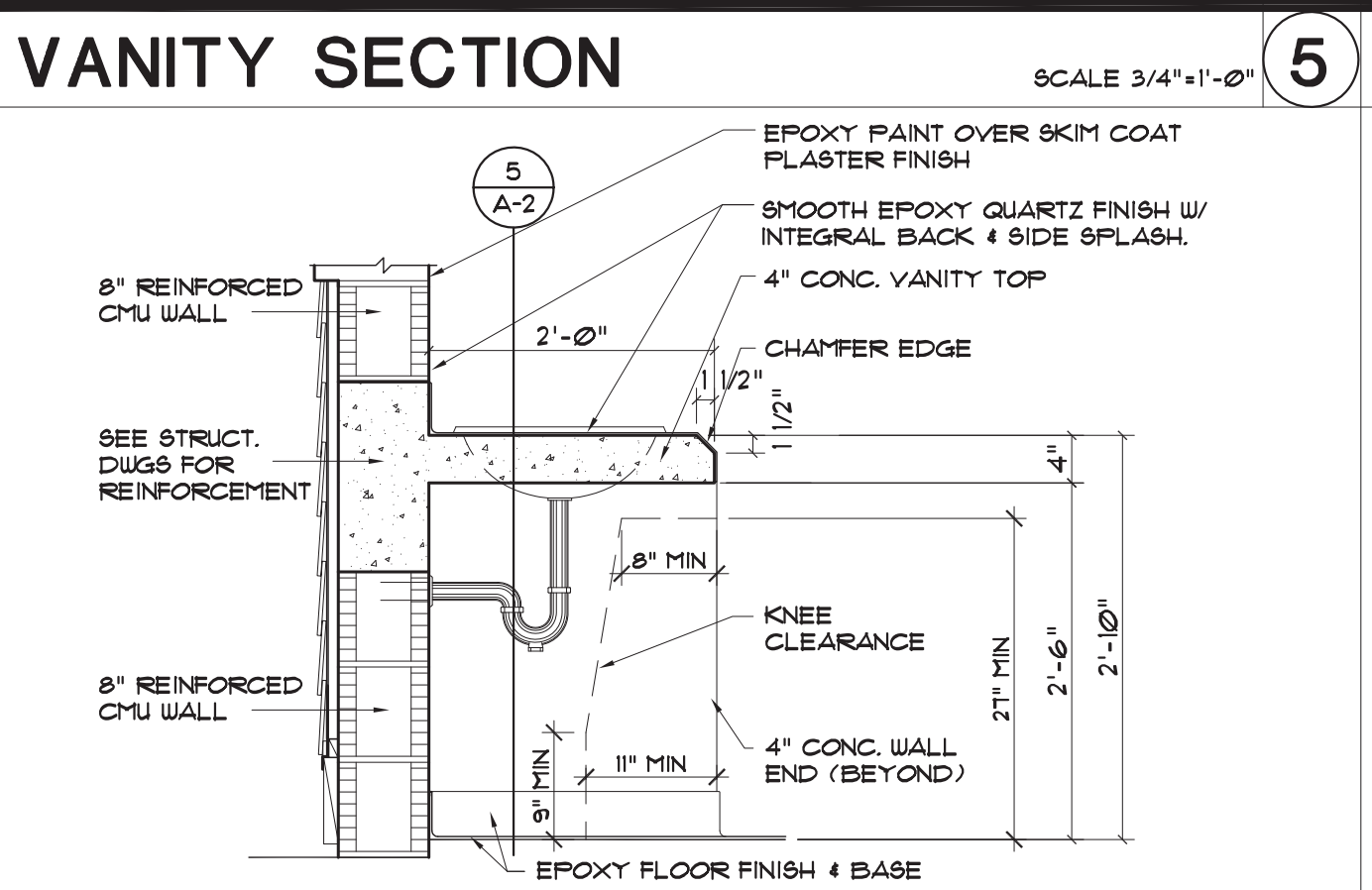


**INTERIOR ELEVATIONS**

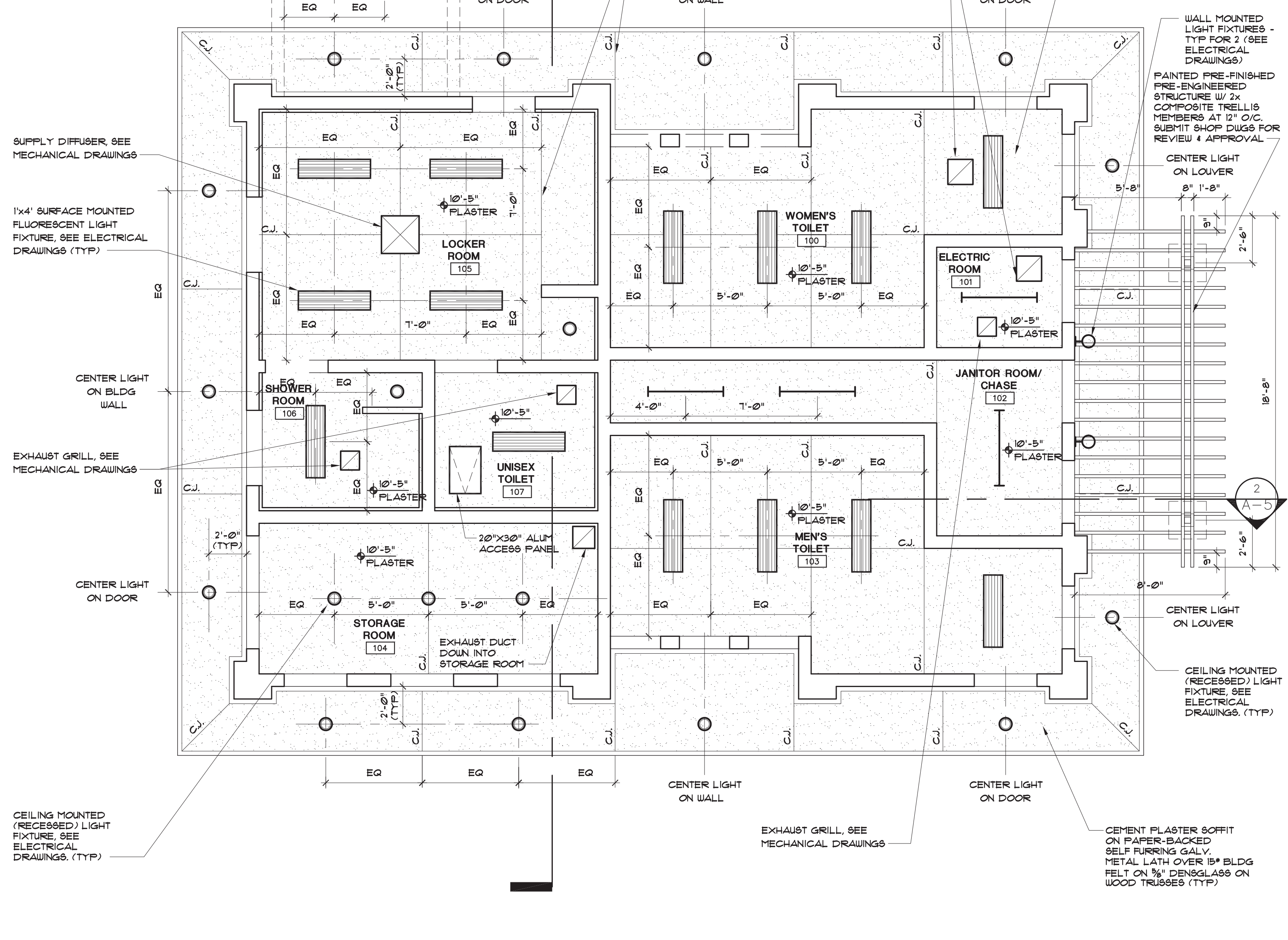
SCALE 1/4" = 1'-0" **3**



- NOTES:**
- ALL ACCESSORIES SHALL MEET PALM BEACH COUNTY STANDARDS VERIFY WITH OWNER PRIOR TO BIDDING & FABRICATION.
  - THE FOLLOWING ITEMS WILL BE PROVIDED BY THE OWNER (PBC PARKS) AND INSTALLED BY THE GC - TOILET TISSUE DISPENSERS, SOAP DISPENSERS, SEAT COVER DISPENSERS, SANITARY NAPKIN DISPOSALS.
  - PROVIDE STAINLESS STEEL, ALL THREAD NUTS AND WASHERS FOR WALL HUNG TOILET HANGERS(TYP)
- A** GEORGIA PACIFIC MODEL 59009, 9" JUMBO TOILET PAPER DISPENSER 19" MIN. AFF. AT EACH H.C. W.C.
  - B** LITE & FOAMY, PART # 9757, WALL MOUNTED SOAP DISPENSER, TOP AT 50" AFF. AT LAV.
  - C** BOBRICK MODEL B-490 GRAB BARS, 36" & 42" GRAB BARS AT 33"-36" AFF.
  - D** BOBRICK MODEL B-700, SURFACE-MOUNTED, SURFACE MOUNTED HAND DRYER (INSTALLED 48" AFF.)
  - E** BOBRICK MODEL B-1556 S.S. FRAMELESS MIRROR, BOTT. OF REFLECTIVE SURFACE 40" MAX. AFF. AT EA. LAV, 18"X30" • ADA STALL, 24"X36" • LAV.
  - F** BOBRICK MODEL B-277, CONTURA SERIES SURFACE-MOUNTED WASTE RECEPTACLE 36" AFF.
  - G** SOLID PLASTIC TOILET PARTITIONS - POLYMER RESIN - SEE SPECIFICATIONS.
  - H** PLUMBING FIXTURE, SEE PLUMB. DWGS. CONTRACTOR TO PROVIDE AND INSTALL ALL RELATED ACCESSORIES, TYP.
  - I** BOBRICK MODEL B-671, ROPE HOOK (INSTALLED AT ALL TOILET STALLS, 60" AFF.) (ADA STALLS • 40")
  - J** BOBRICK MODEL B-254 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT 30" AFF. MAX.
  - K** KOALA KARE MODEL KB200-00 WALL MOUNTED BABY CHANGING STATION - CHANGING SURFACE TO BE AT 34" AFF. W/EN OPEN.
  - L** S.S. SHELF AT BOTTOM OF MIRROR IN ADA STALL ONLY



- CEILING LEGEND**
- 1'x4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE, SEE ELEC. DWGS
  - 1'x4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE, SEE ELEC. DWGS
  - RECESSED LIGHT FIXTURE, SEE ELEC. DWGS
  - SUPPLY DIFFUSER, SEE MECHANICAL DRAWINGS
  - EXHAUST GRILL, SEE MECHANICAL DRAWINGS
  - C.J. CONTROL JOINT



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 201402

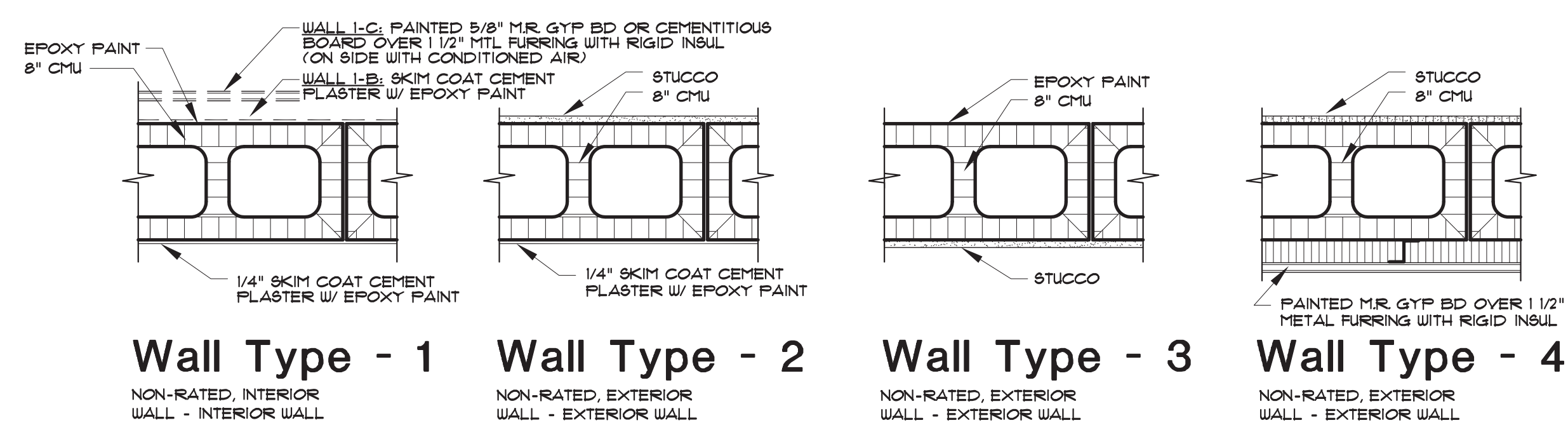
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 REFLECTED  
 CEILING PLAN  
 AND INTERIOR  
 ELEVATIONS

REVISIONS:

DATE  
 11/20/15  
 DRAWN BY:  
 DM  
 CHECKED BY:  
 EAC

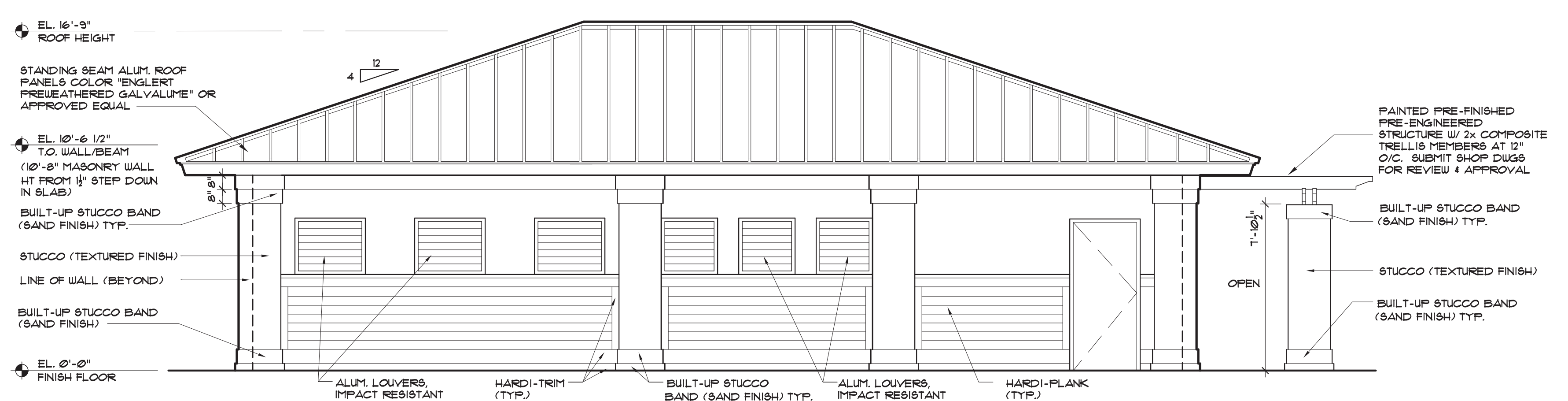
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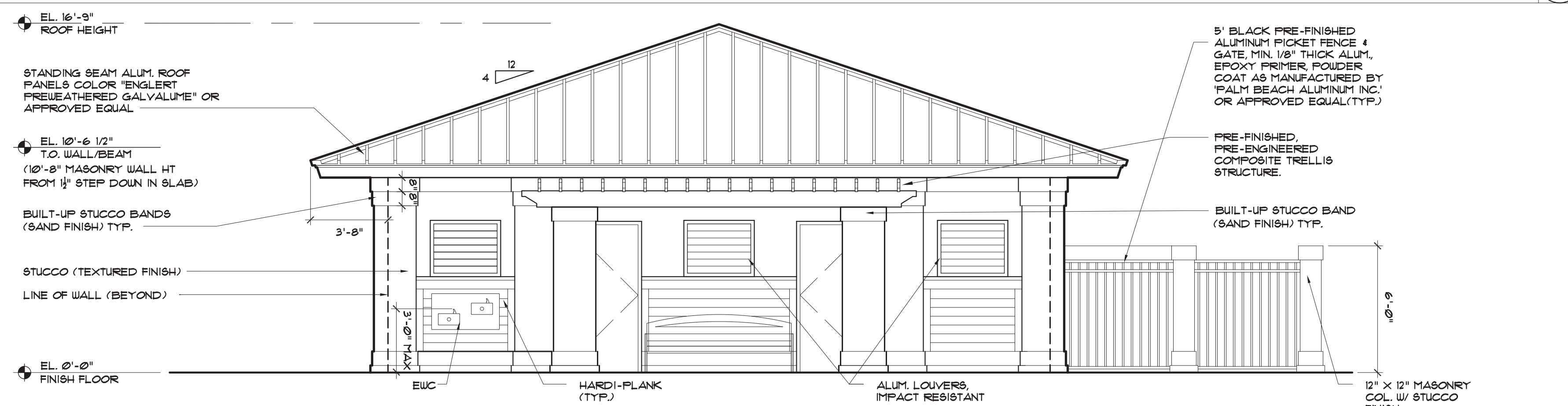
**WALL TYPES**

SCALE: 1/2"=1'-0" **5**



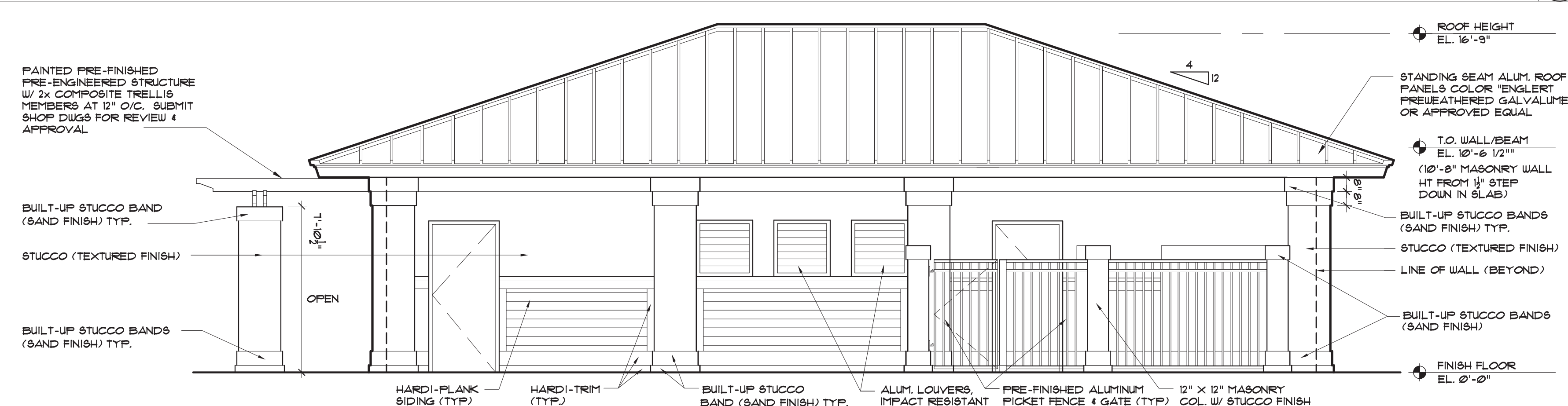
**SOUTH ELEVATION**

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



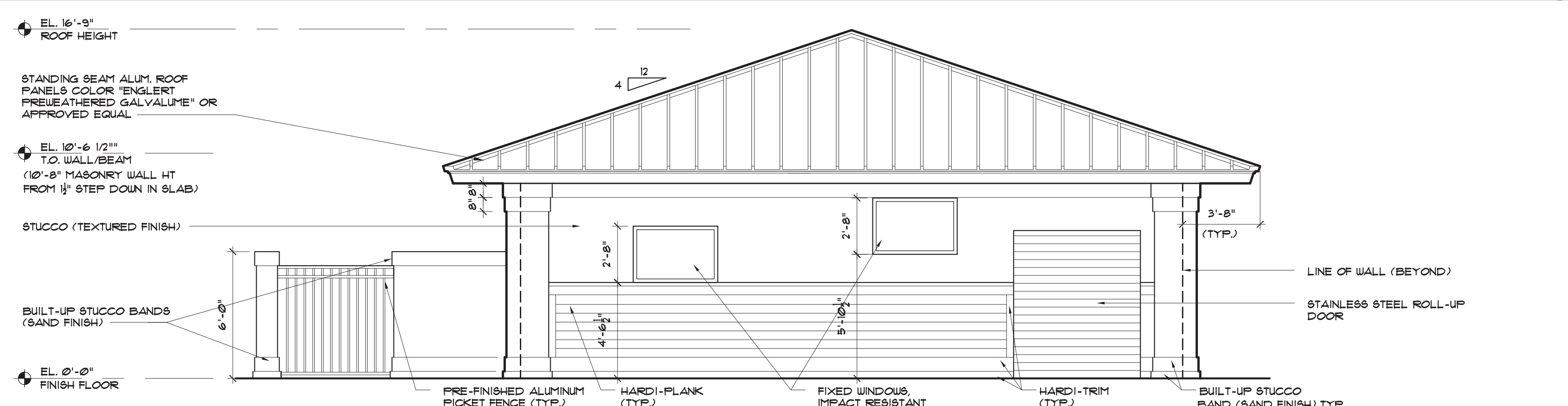
**EAST ELEVATION**

SCALE: 1/4"=1'-0" **2**



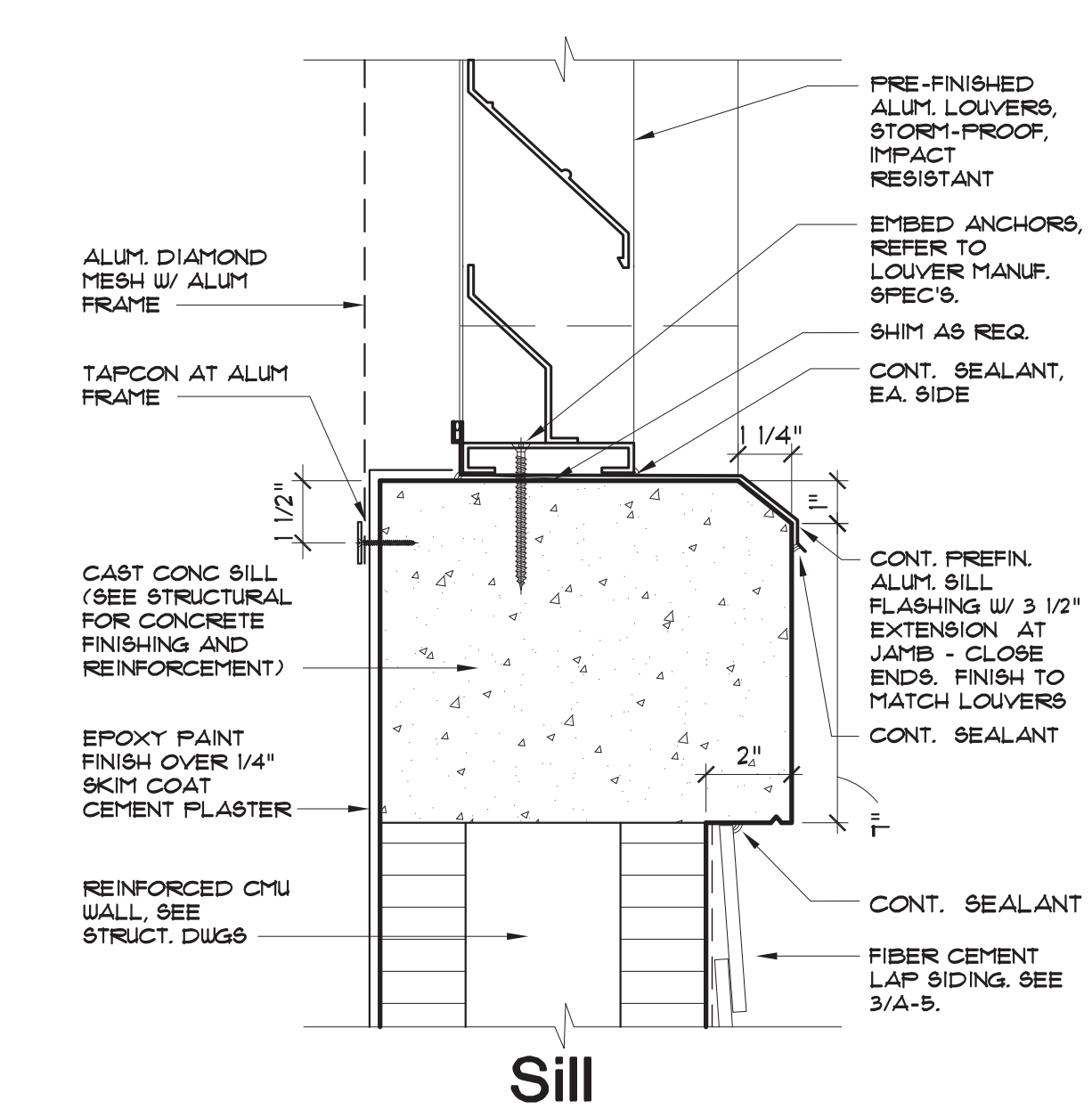
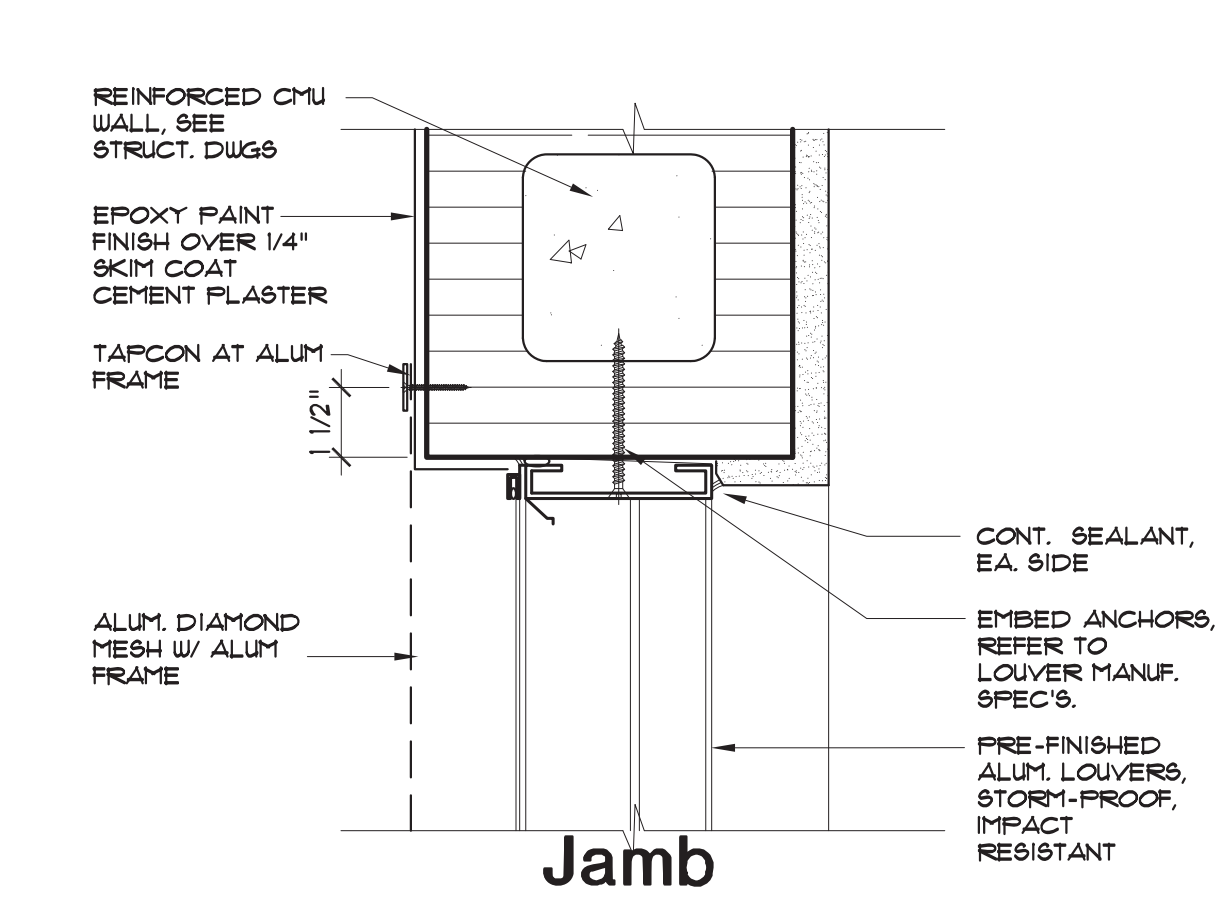
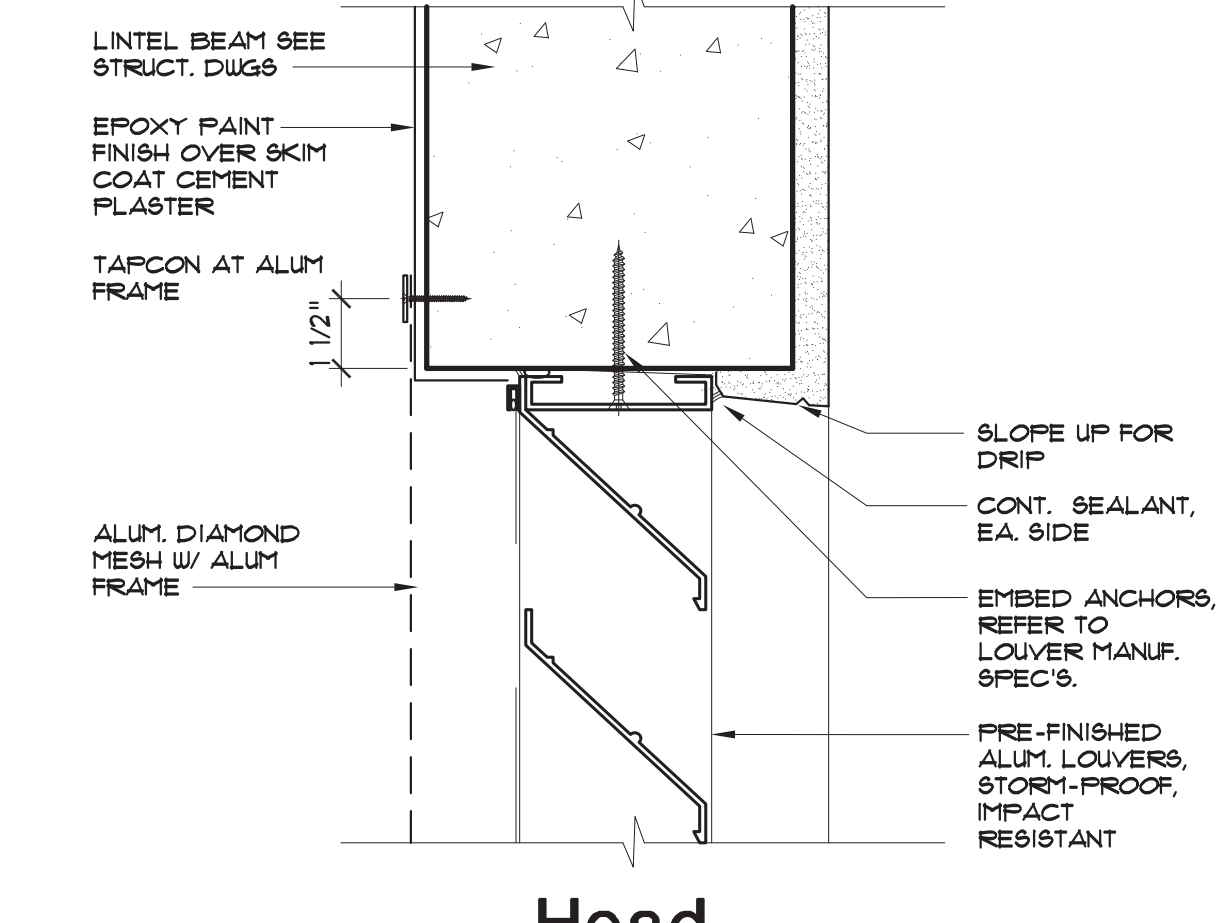
**NORTH ELEVATION**

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



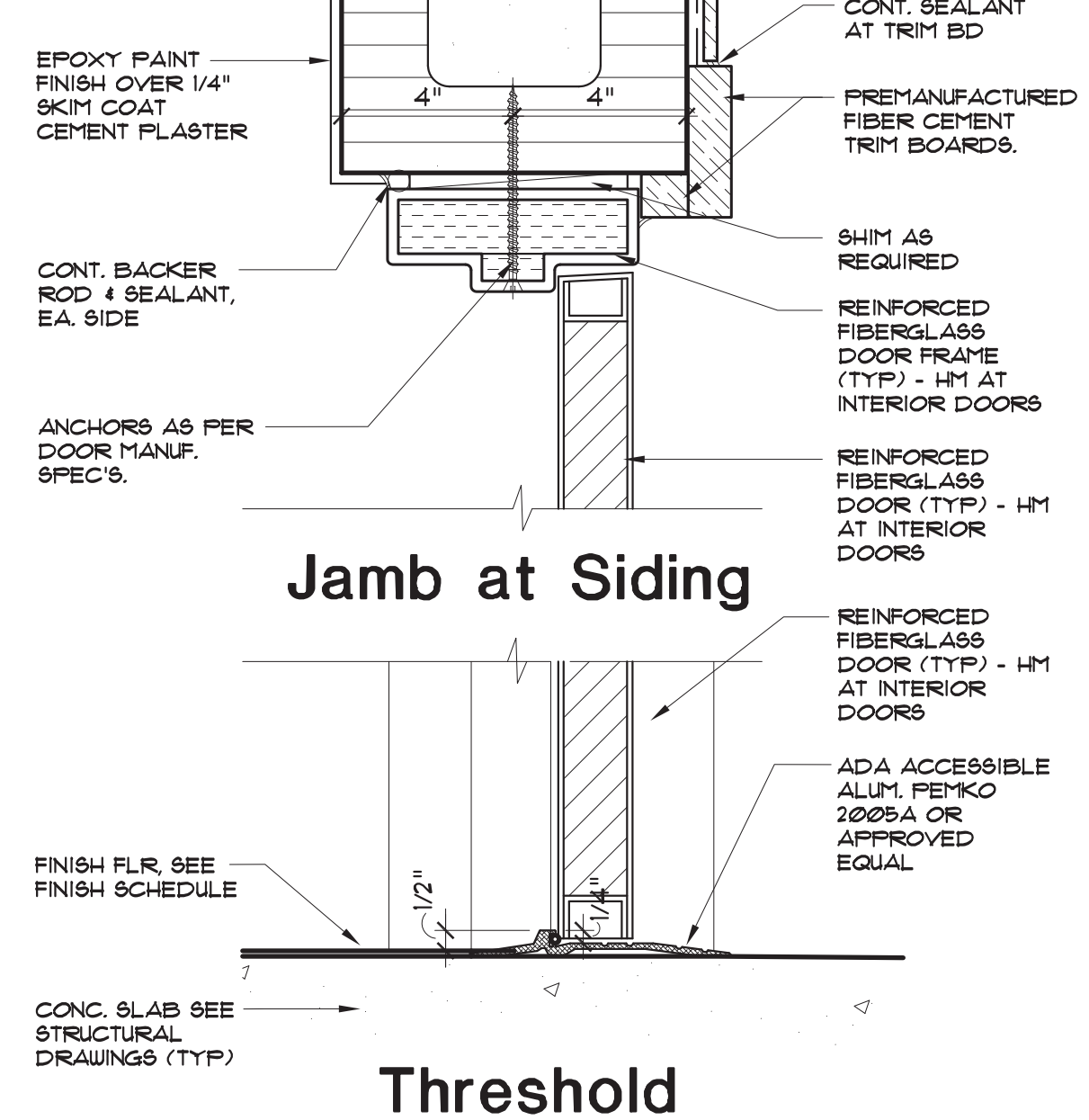
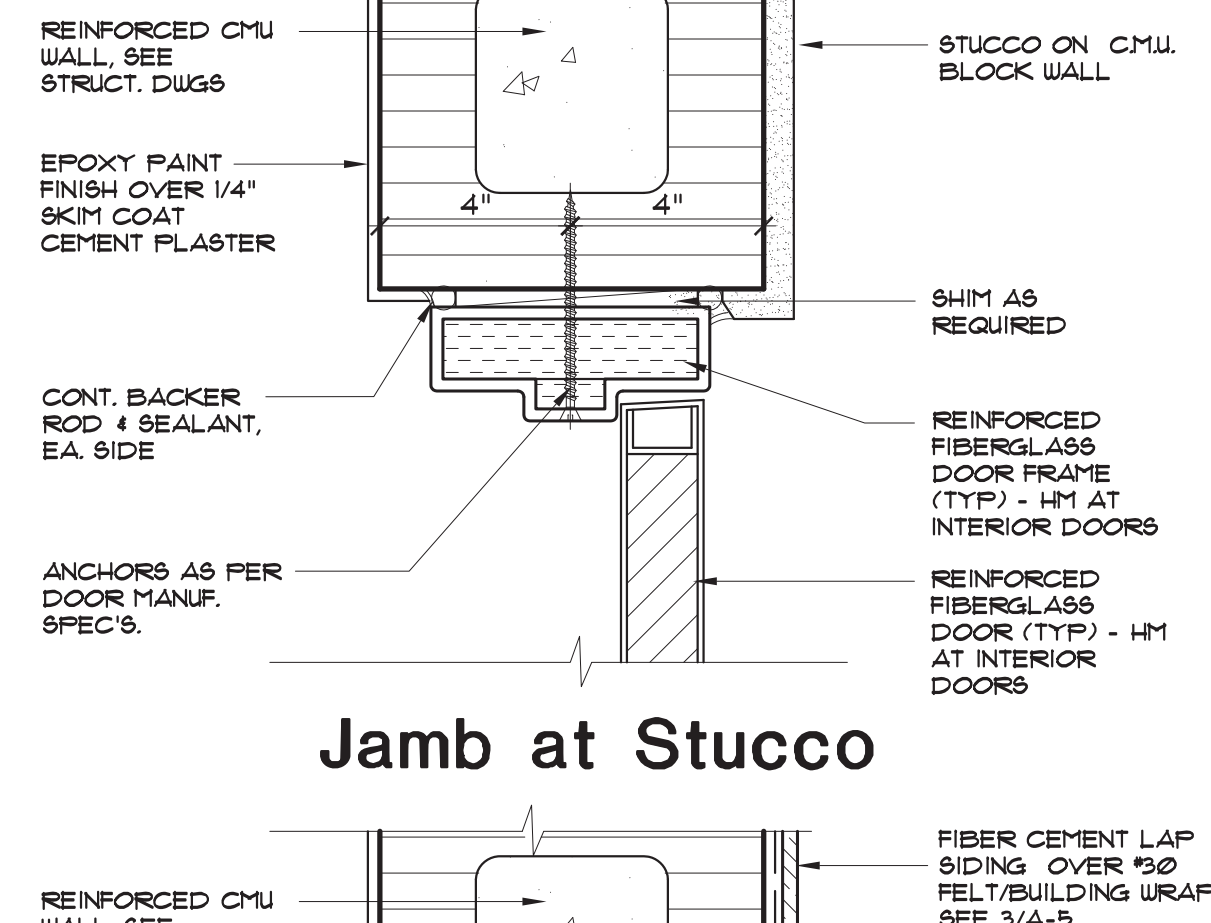
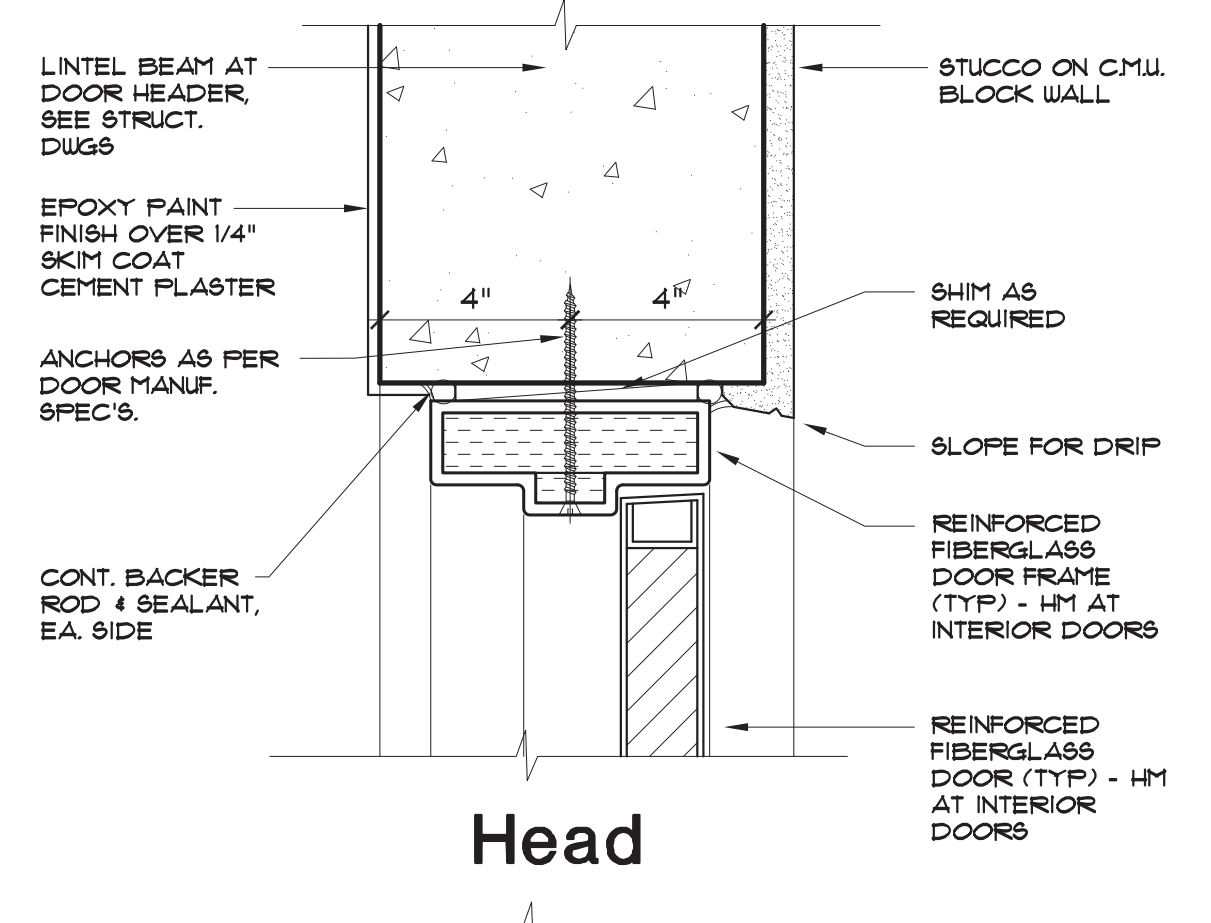
**WEST ELEVATION**

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



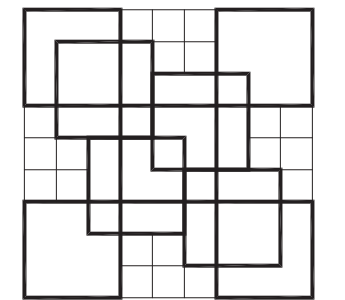
**LOUVER DETAIL**

SCALE: 3/8"=1'-0" **7**

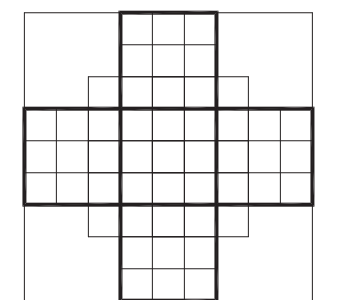


**DOOR DETAIL**

SCALE: 3/8"=1'-0" **6**



**COLOME & Associates, Inc.**  
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(561) 833-9147  
ARCHITECT: ELIZABETH A. & COLOME  
REG. NUMBER: AR.004839



**P.B.C.**  
R.G. KREUSLER PARK  
RESTROOM BUILDING  
AND ENTRY DRIVE  
MODIFICATIONS  
PBC NO 14204  
2886 SOUTH OCEAN BLVD.

LAKE WORTH  
FLORIDA

PROJECT NO.  
201402

SHEET TITLE:  
**EXTERIOR  
ELEVATIONS  
AND DETAILS**

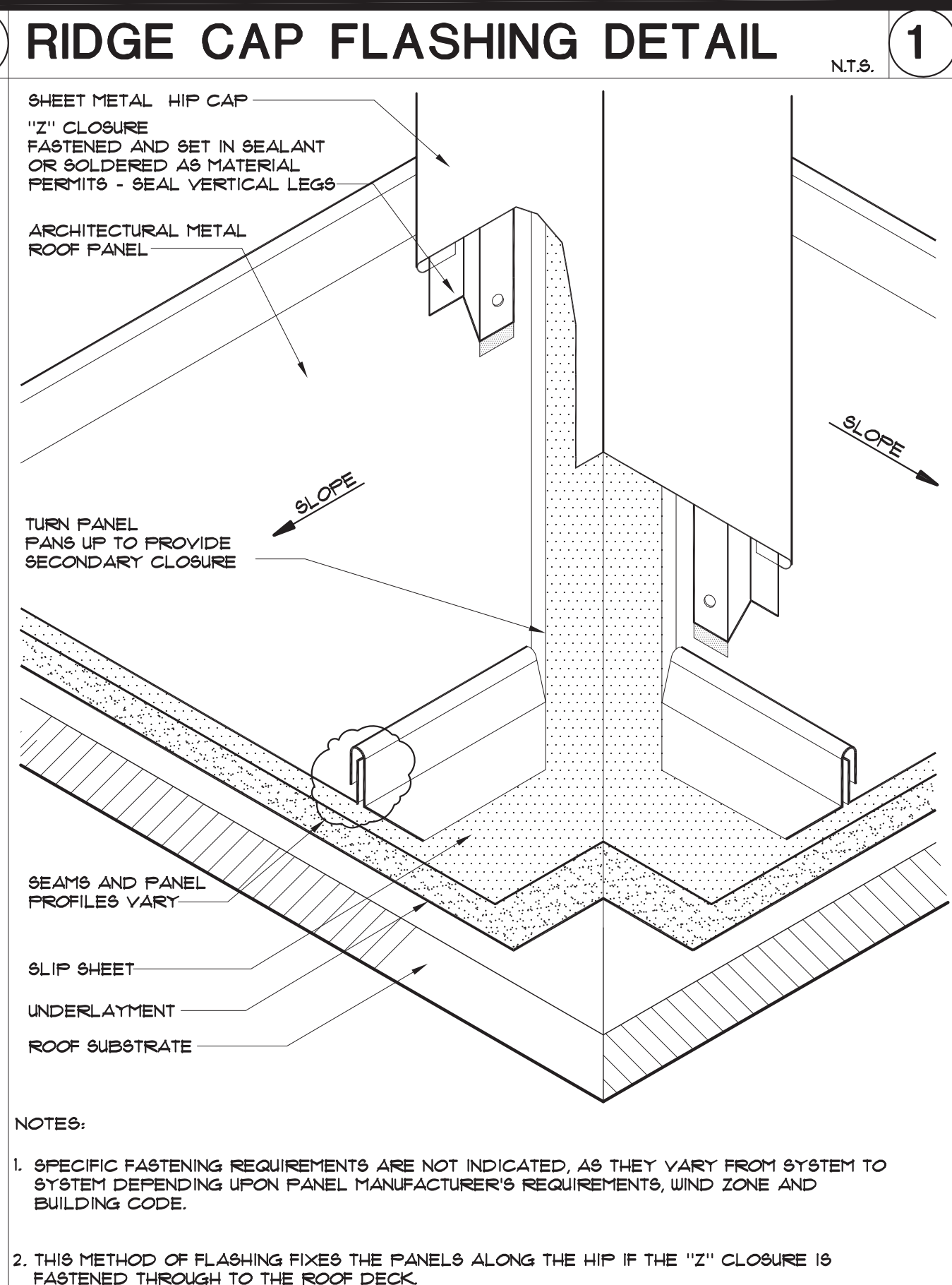
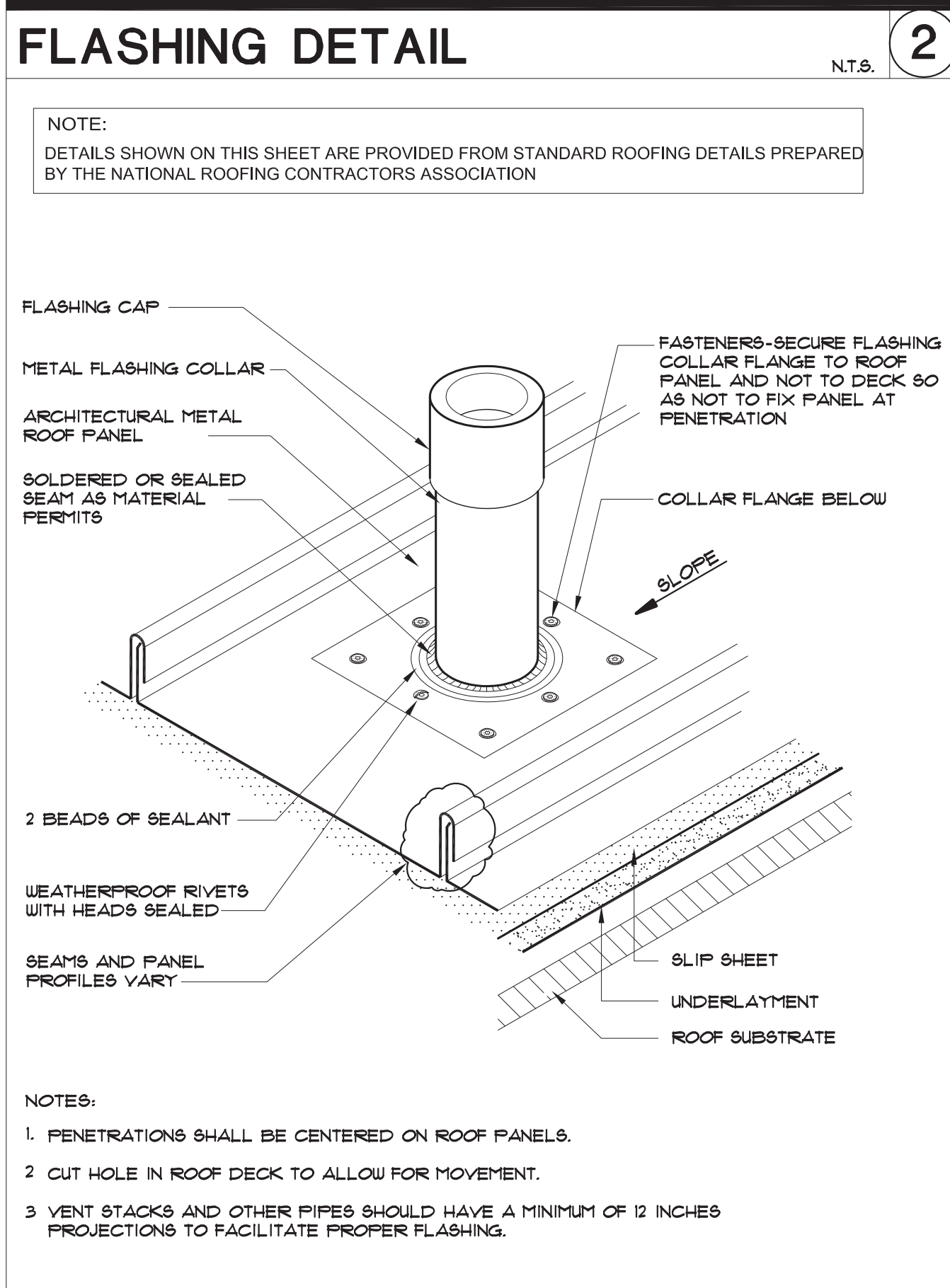
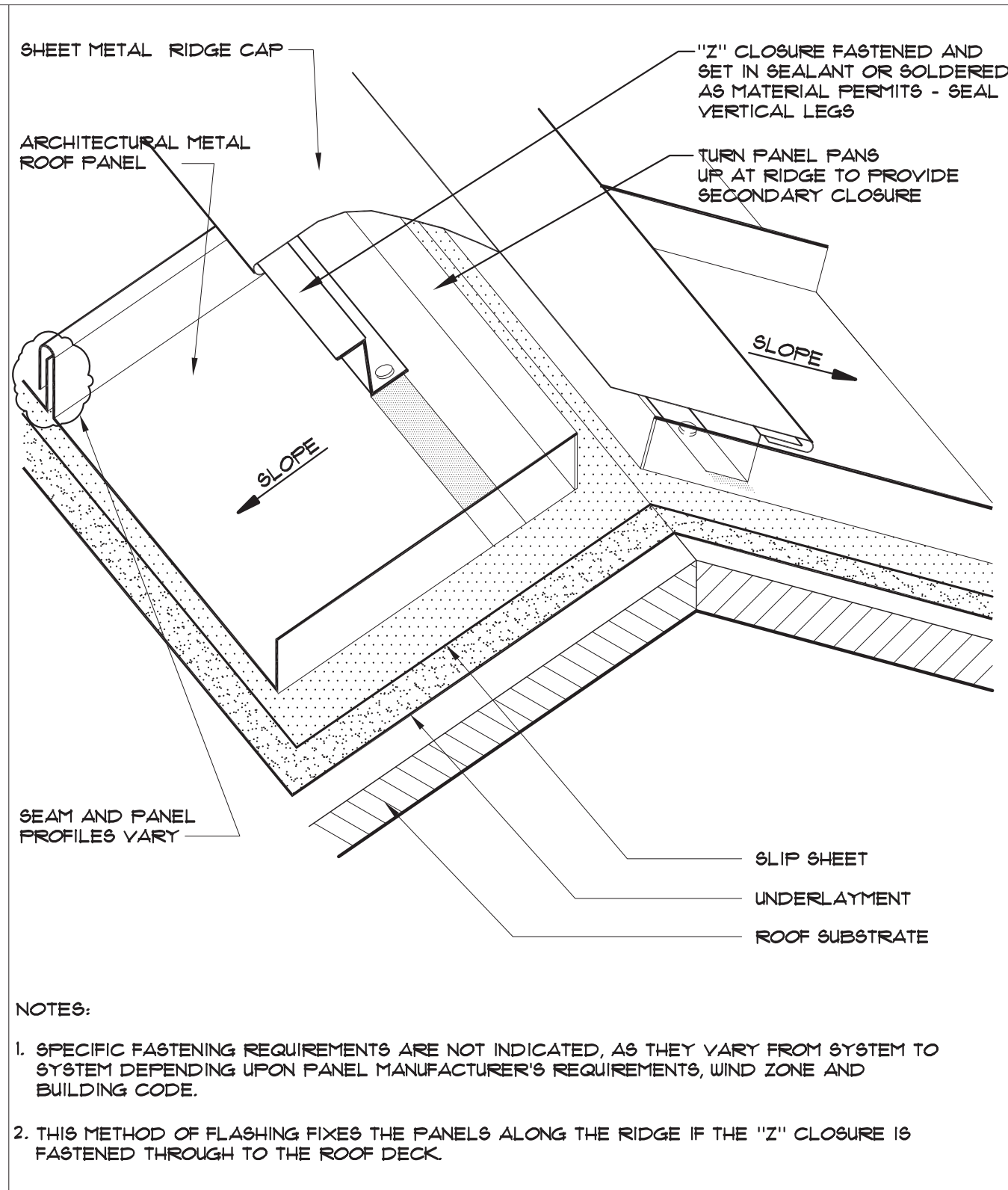
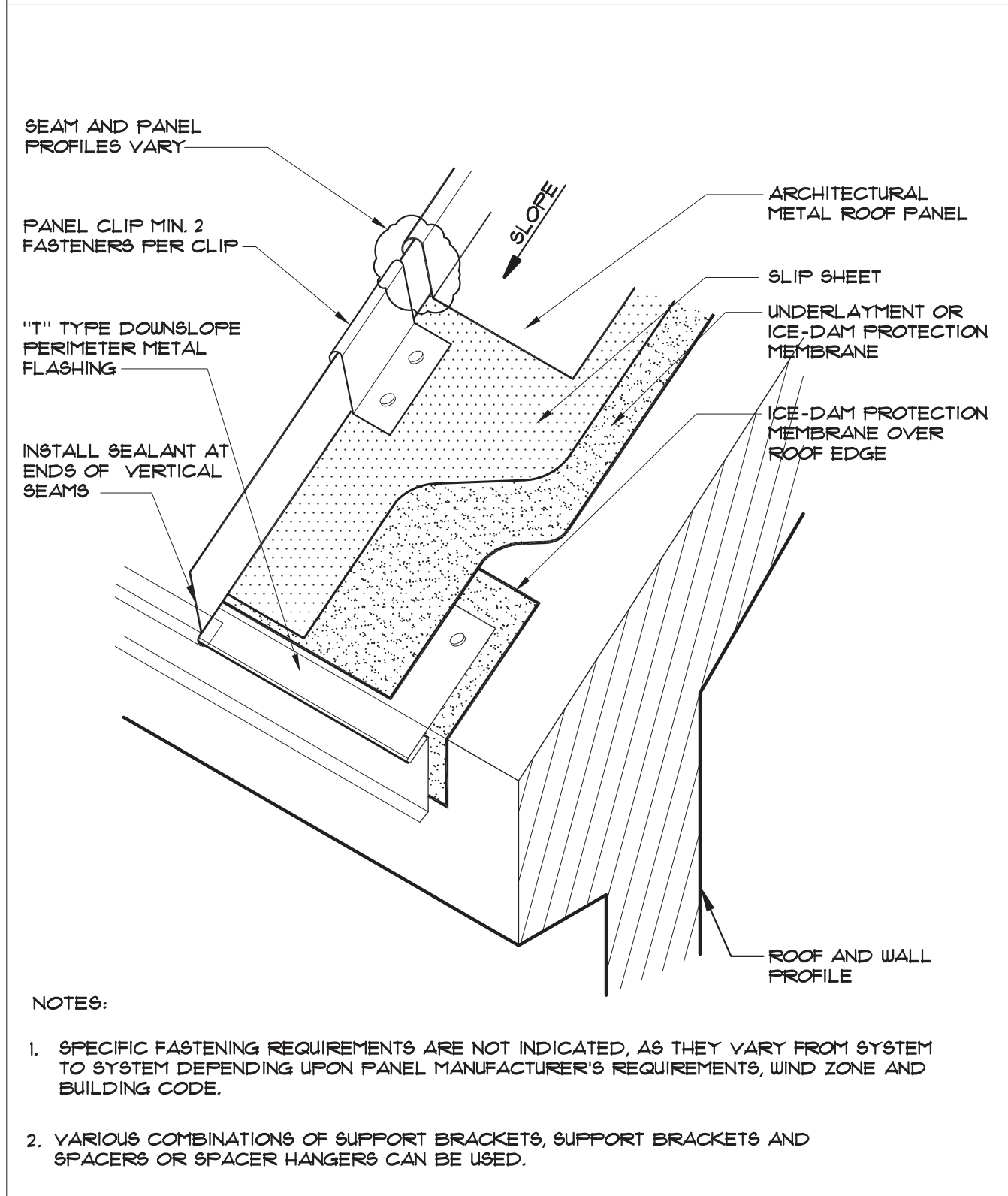
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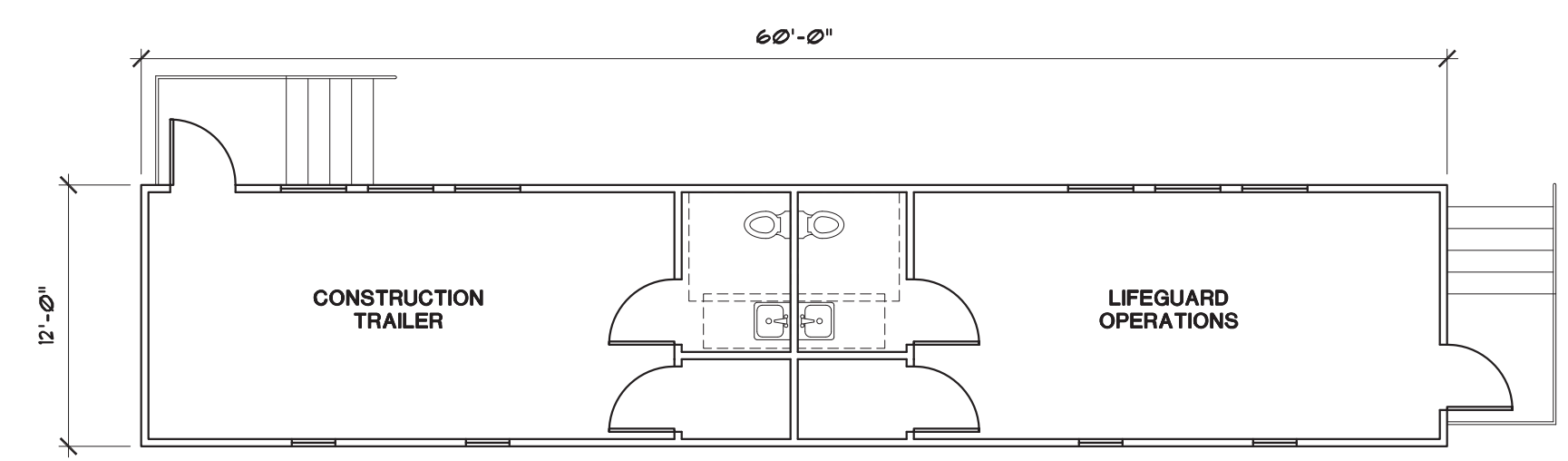
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NUMBER

**A-3**



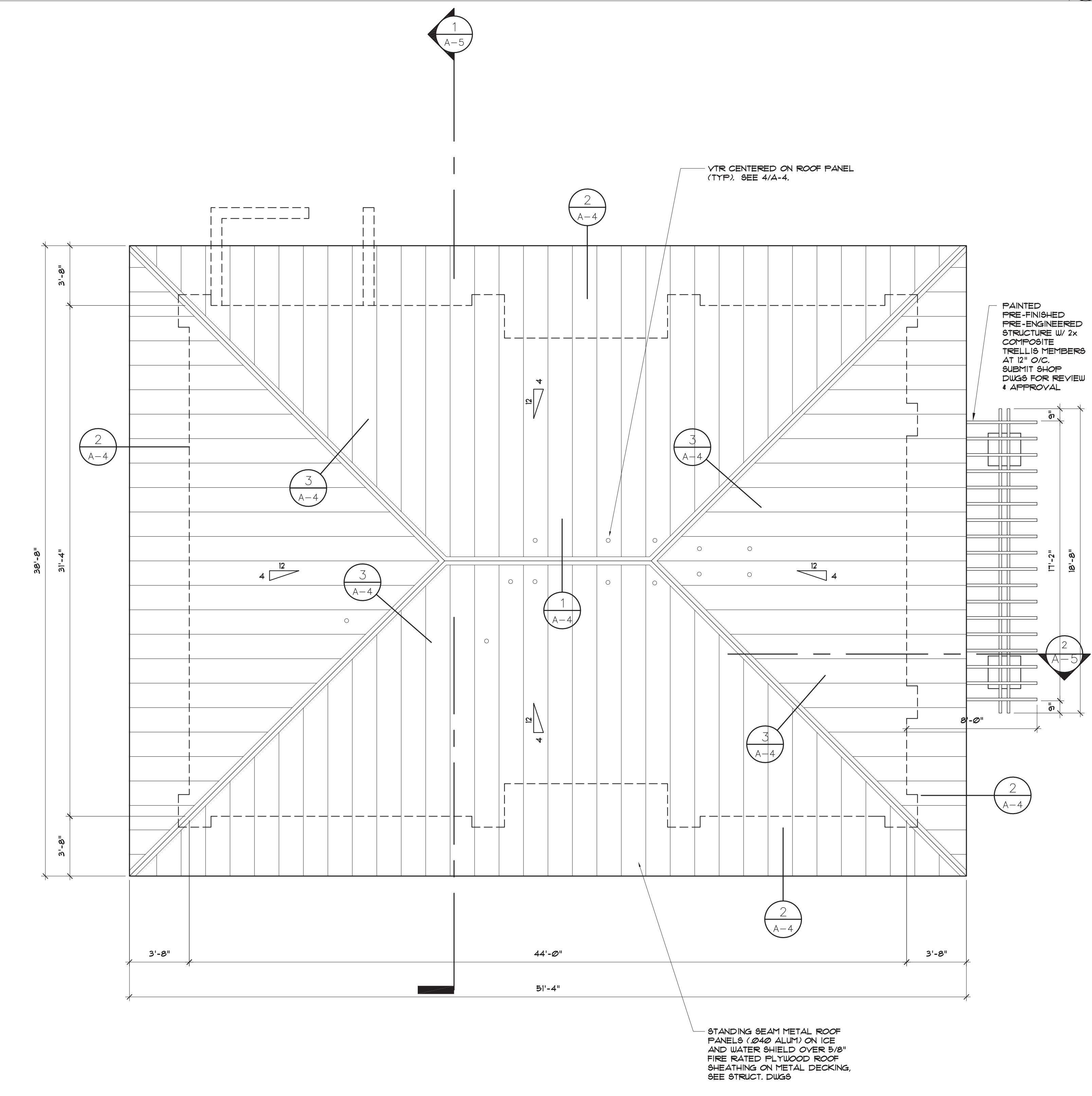


TEMPORARY PREFABRICATED MODULAR BUILDING (DIMENSIONS AS INDICATED) WITH RESTROOM FACILITIES. PROVIDE HOLDING TANK AND ANY MEP COMPONENTS AS REQUIRED. INCLUDE A PERMITTABLE PLAN BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF FLORIDA AND PRODUCT APPROVALS. G.C. SHALL VERIFY MODULAR BUILDING FLOOR PLAN REQUIREMENTS W/ P.B.C. PRIOR TO FABRICATION.



TRAILER LAYOUT

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

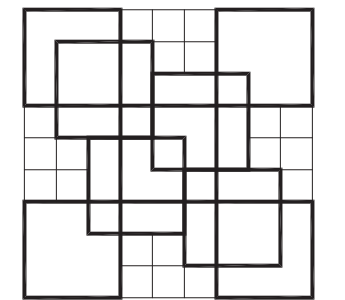


PLUMBING VENT FLASHING DETAIL

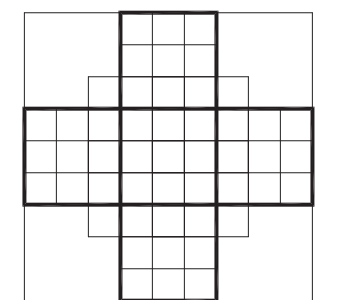
HIP CAP FLASHING DETAIL

ROOF PLAN

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

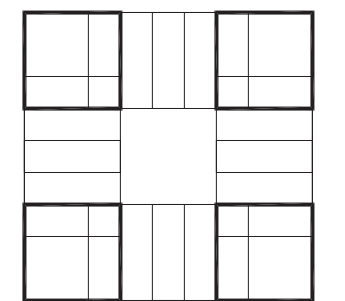


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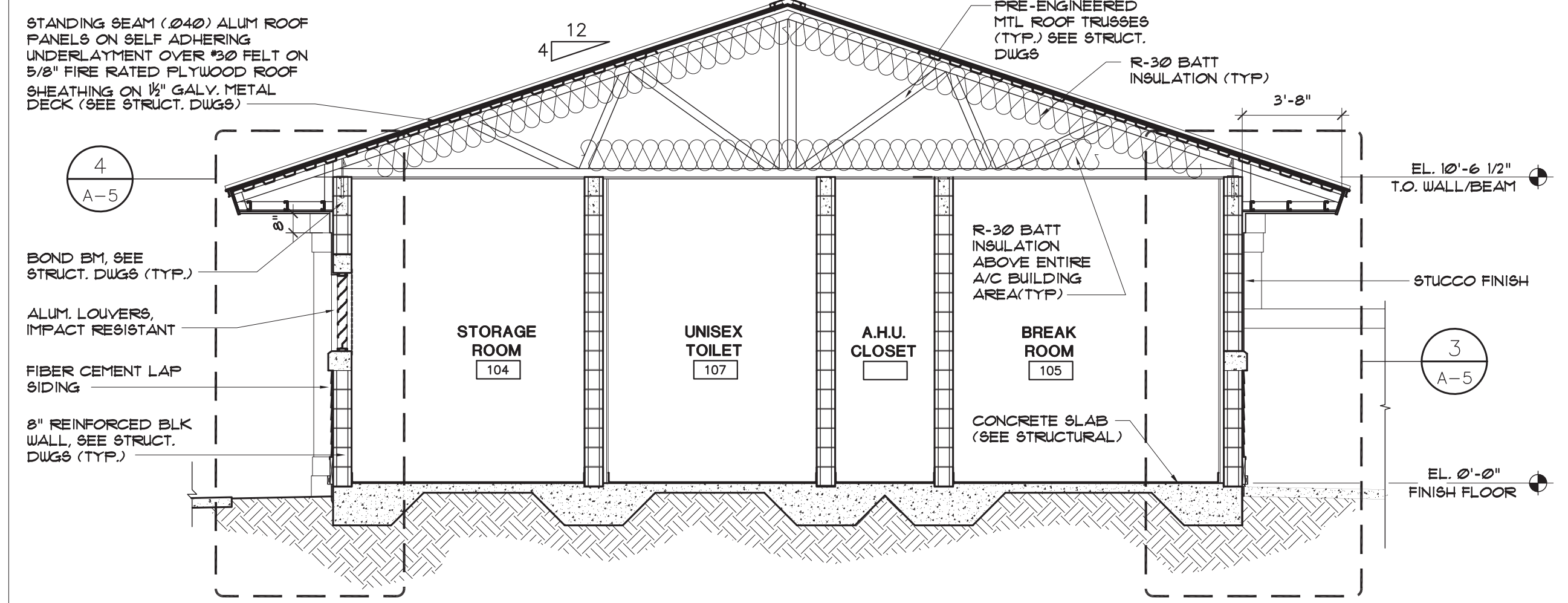
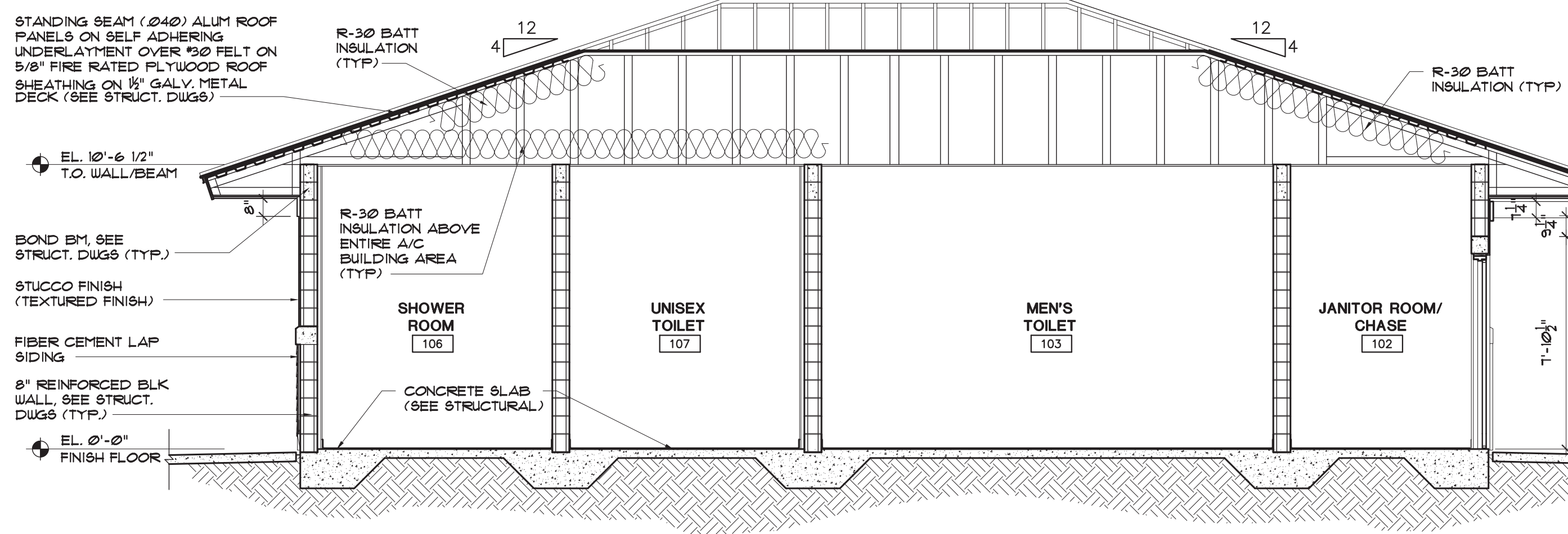
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**ROOF PLAN**

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EAC

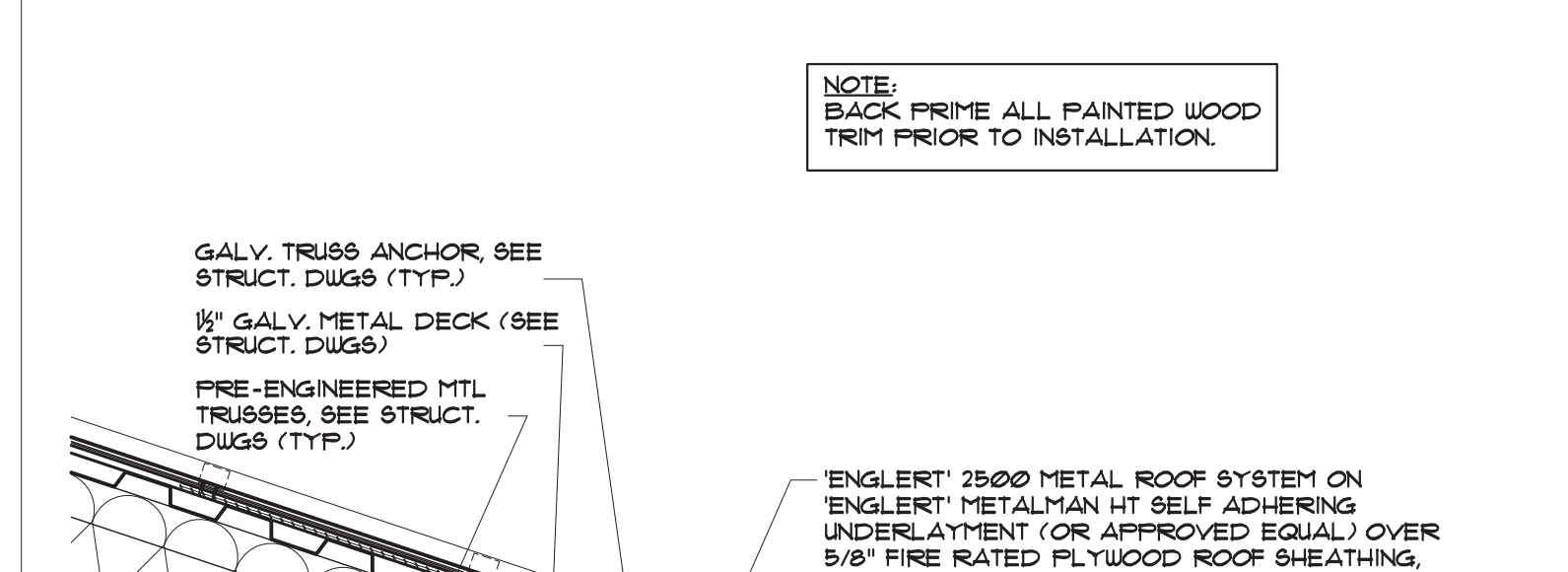
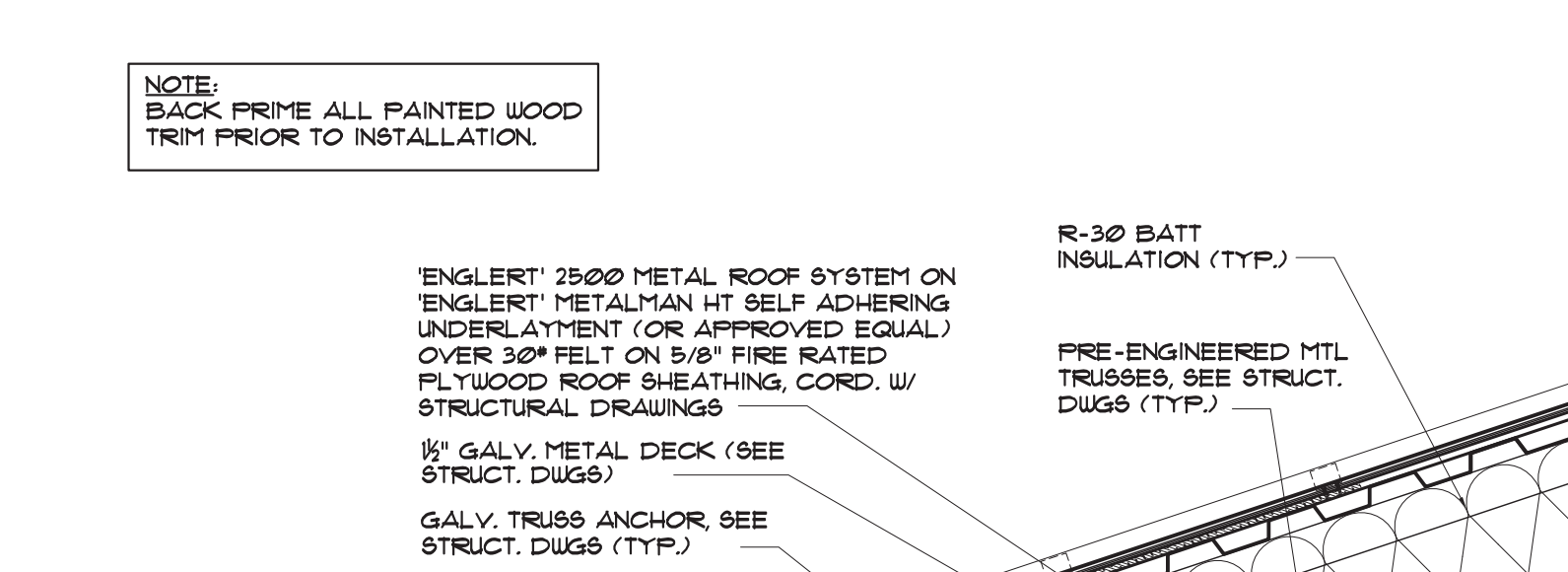
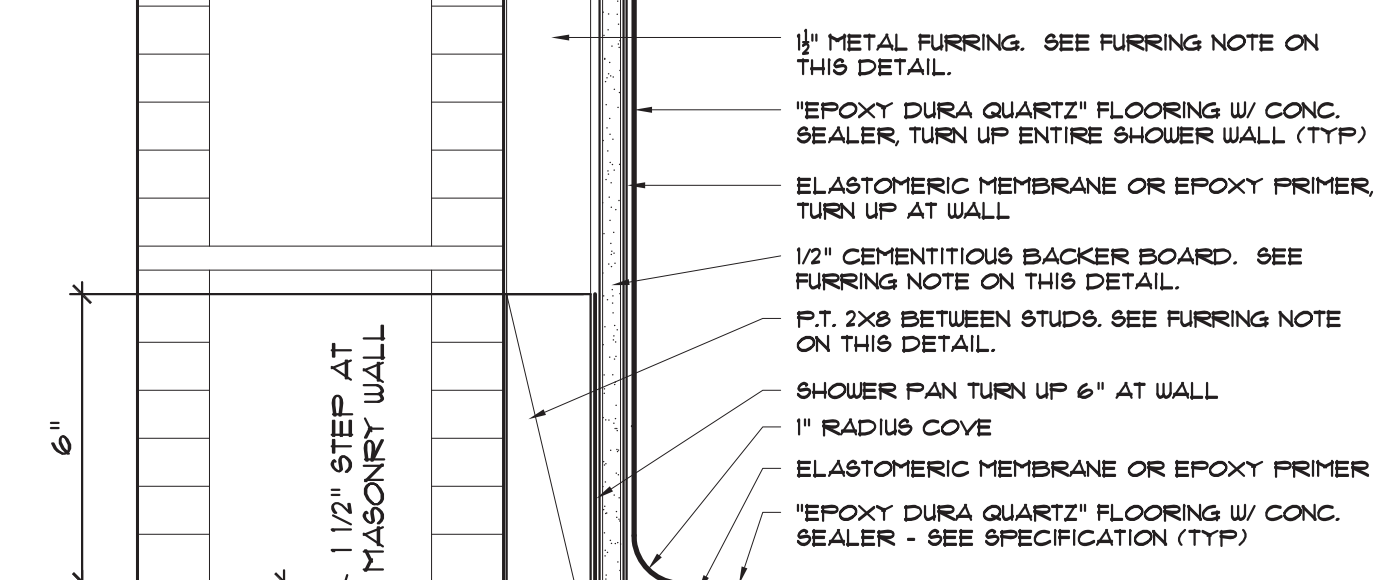
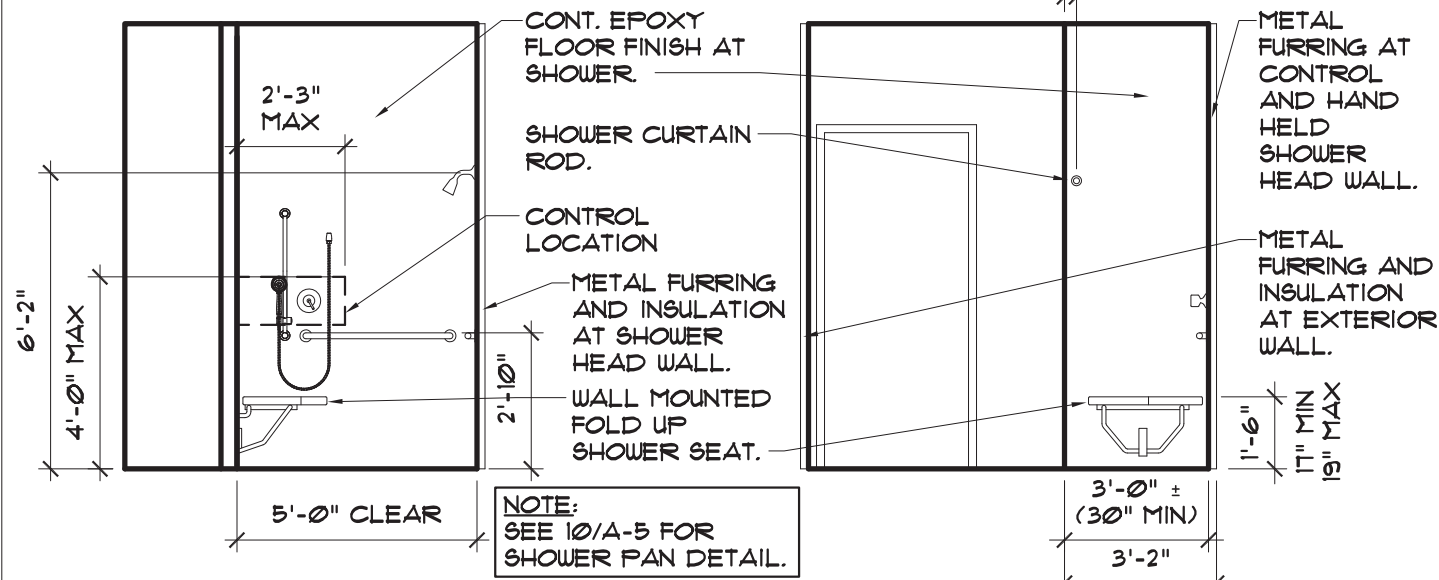
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**A-4**



**BUILDING SECTION**

**BUILDING SECTION**



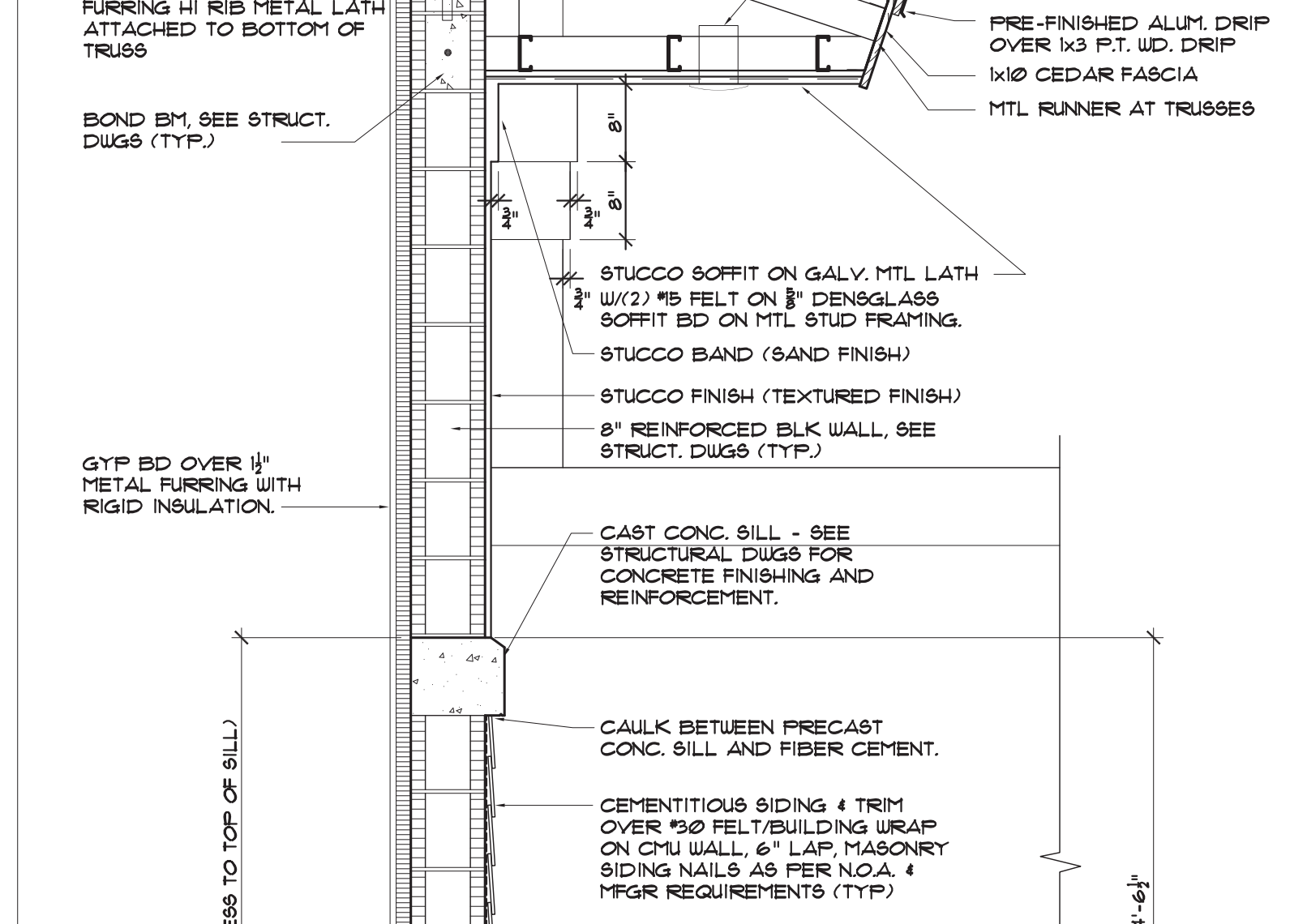
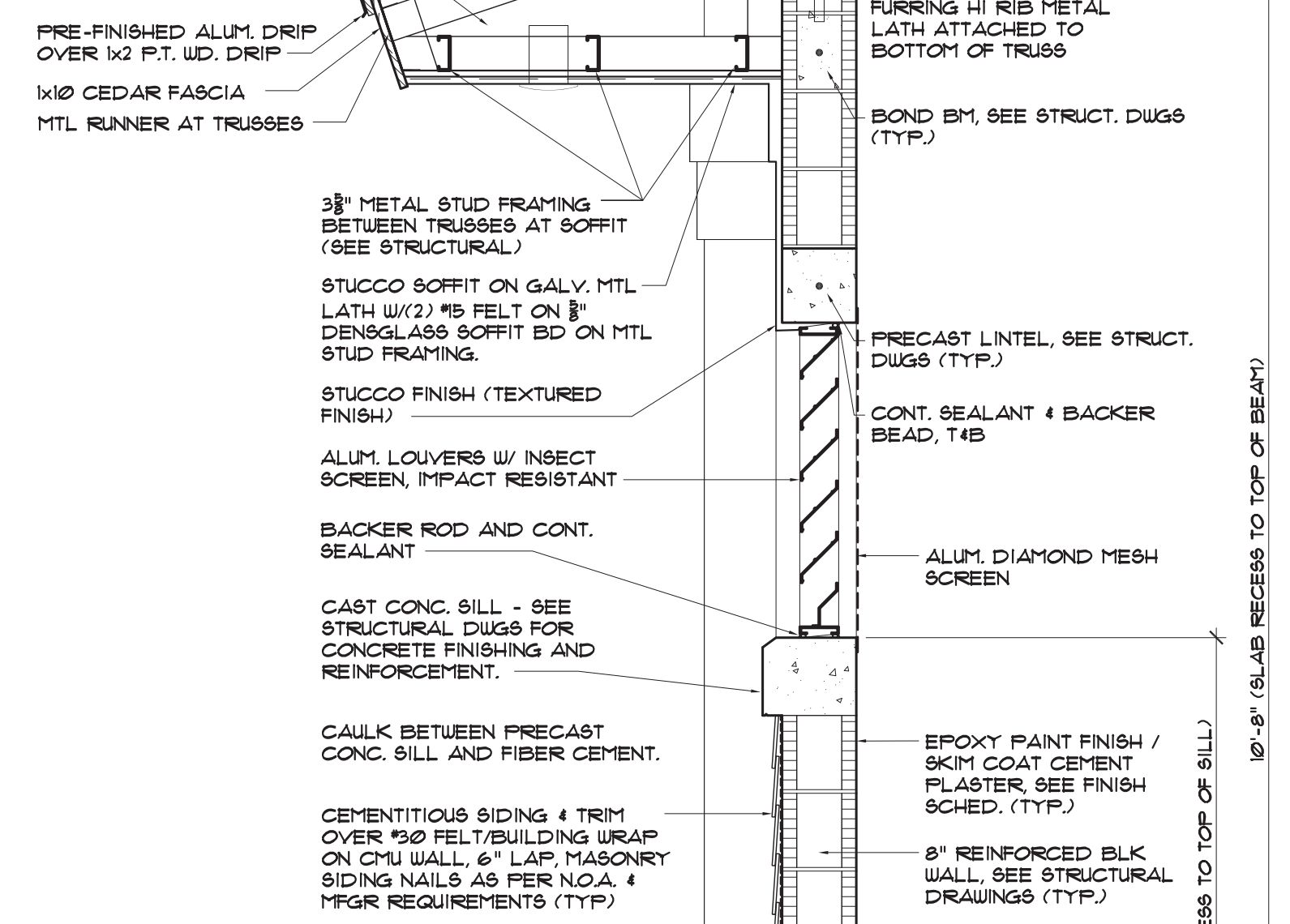
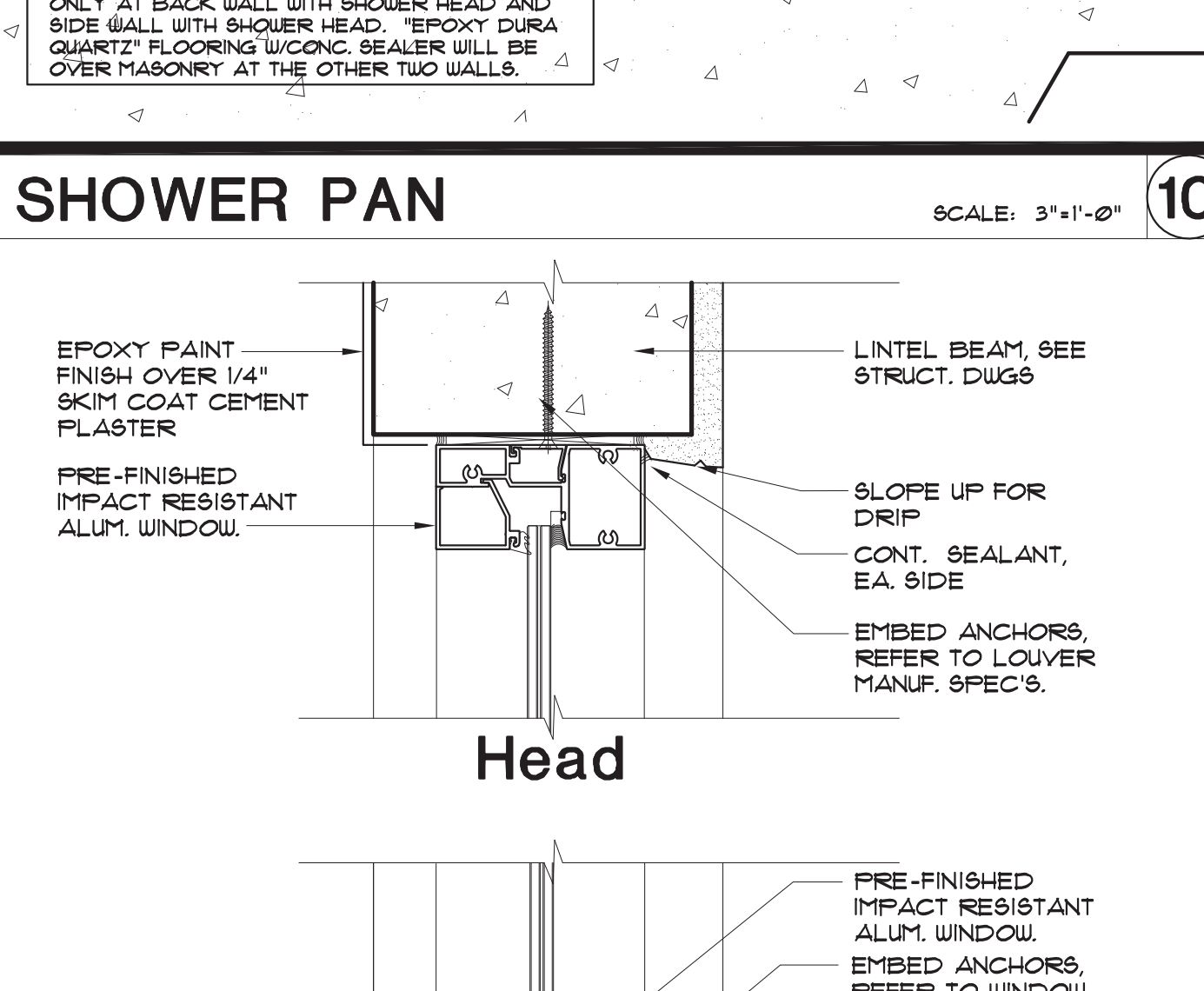
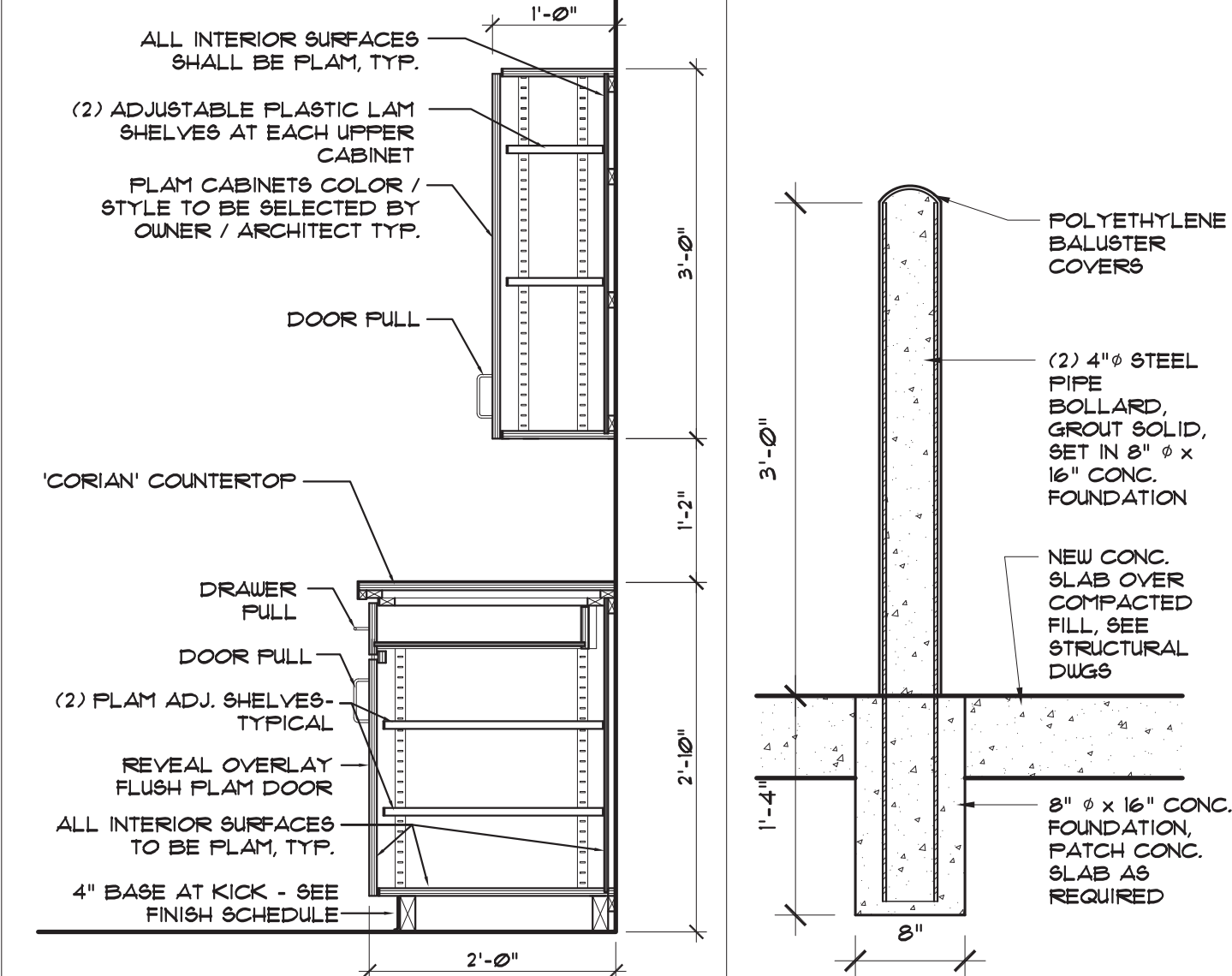
**Elevation 9.1**      **Elevation 9.2**

**INTERIOR ELEVATION**

**SHOWER PAN**

**WALL SECTION**

**WALL SECTION**

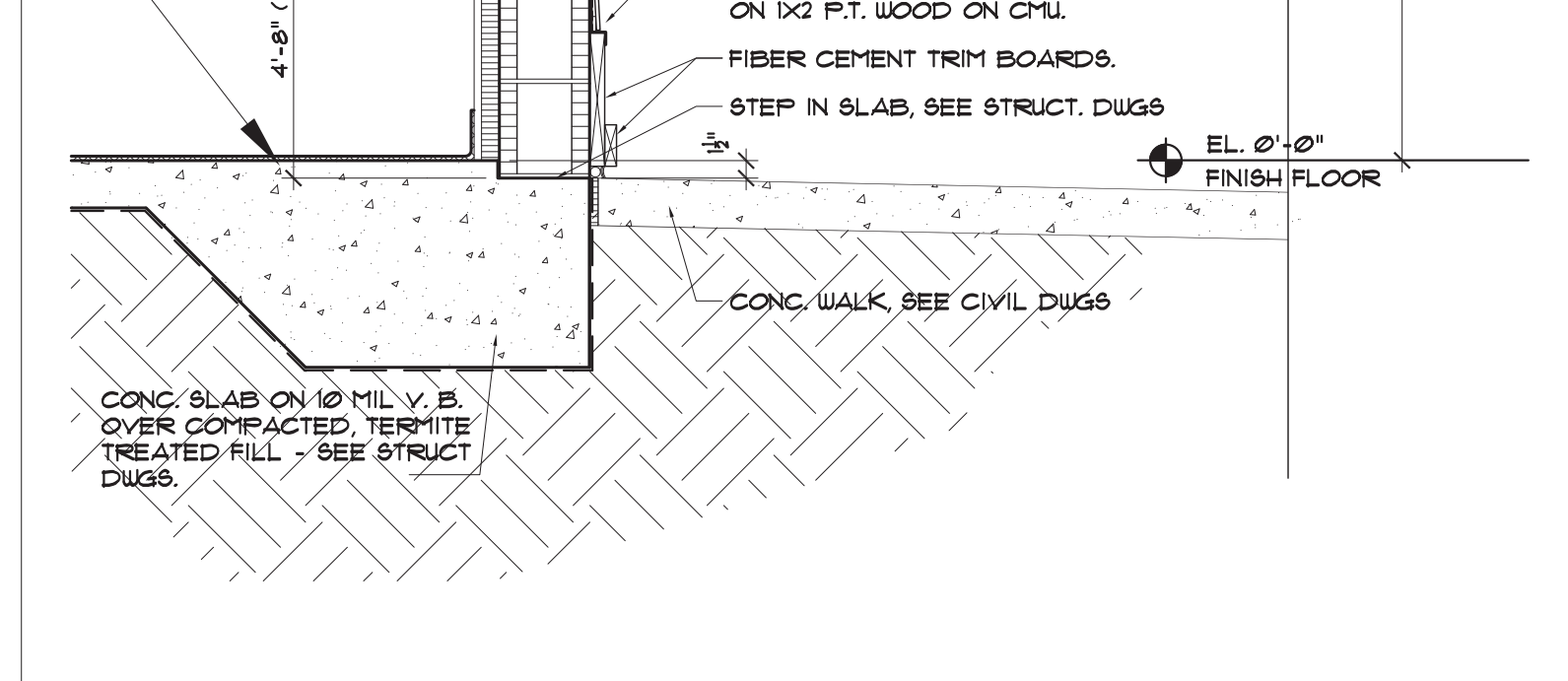
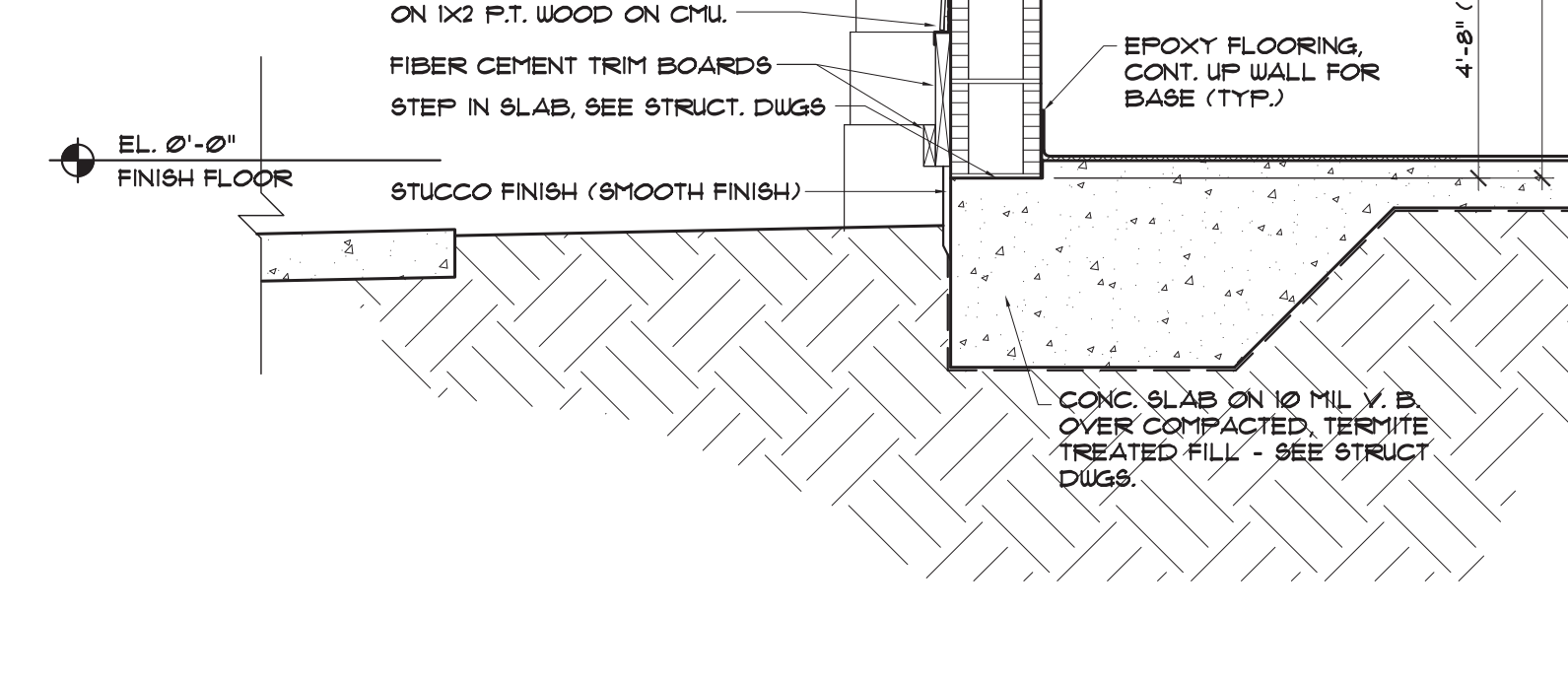
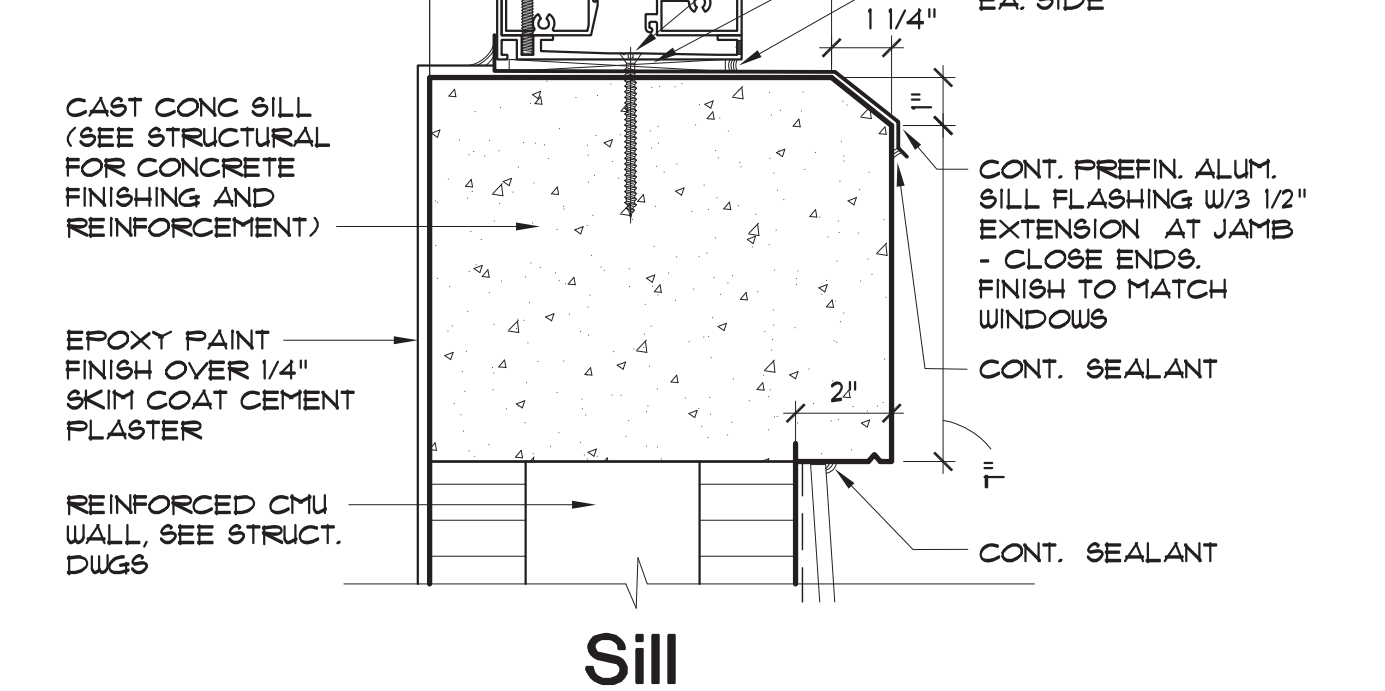
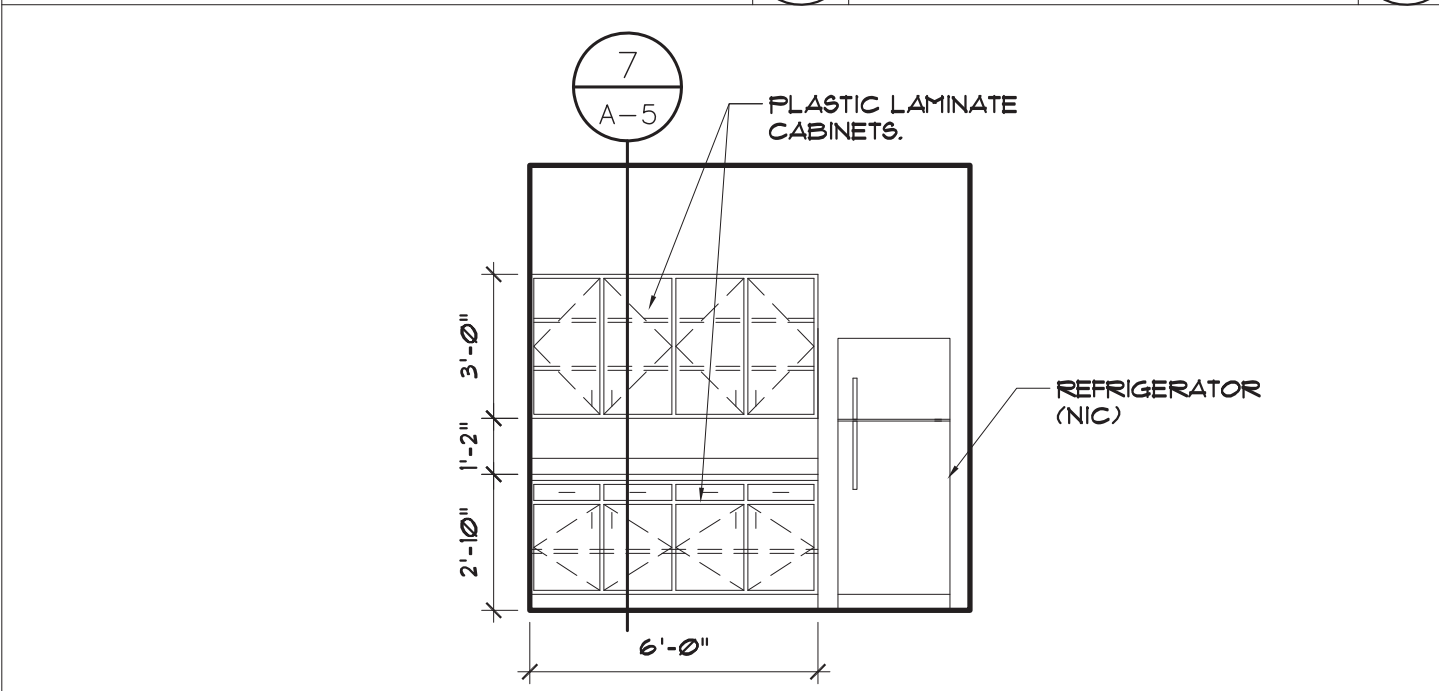


**CASEWORK**      **BOLLARD**

**WINDOW DETAILS**

**WALL SECTION**

**WALL SECTION**

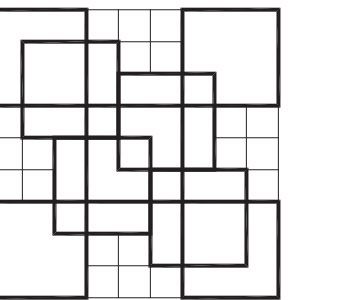


**INTERIOR ELEVATION**

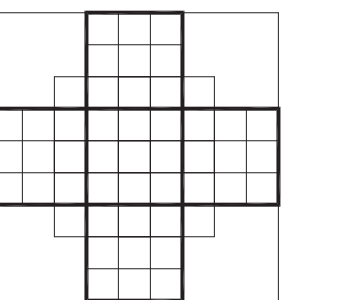
**WINDOW DETAILS**

**WALL SECTION**

**WALL SECTION**

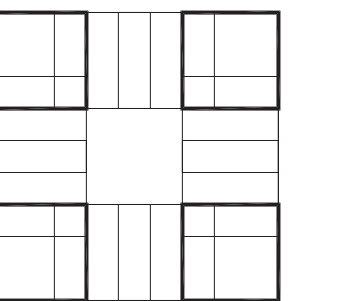


**COLOME & Associates, Inc.**  
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 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. COLOME  
 REG. NUMBER: OR. AQ4839



**P.B.C.**  
**R.G. KREUSLER PARK**  
**RESTROOM BUILDING**  
**AND ENTRY DRIVE**  
**MODIFICATIONS**  
 PBC NO 14204  
 2886 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA  
 PROJECT NO.  
 201402



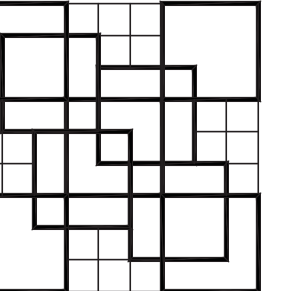
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**SECTIONS**

**REVISIONS:**

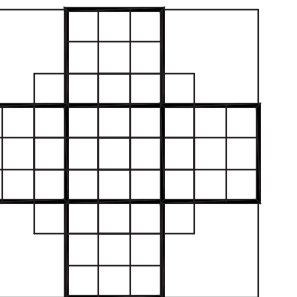
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 EAC

SHEET  
 NUMBER

**A-5**



**COLOME**  
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WEST PALM BEACH  
FLORIDA 33407  
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ARCHITECT: ELIZABETH A. & COLOME  
REG. NUMBER: AR 0014839

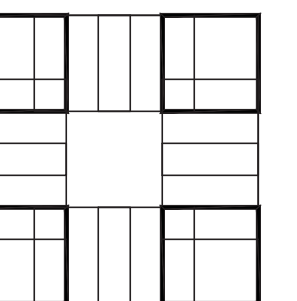


**P. B. C.**  
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RESTROOM BUILDING  
AND ENTRY DRIVE  
MODIFICATIONS

PBC NO 14204  
2686 SOUTH OCEAN BLVD.

LAKE WORTH  
FLORIDA

PROJECT NO.  
201402



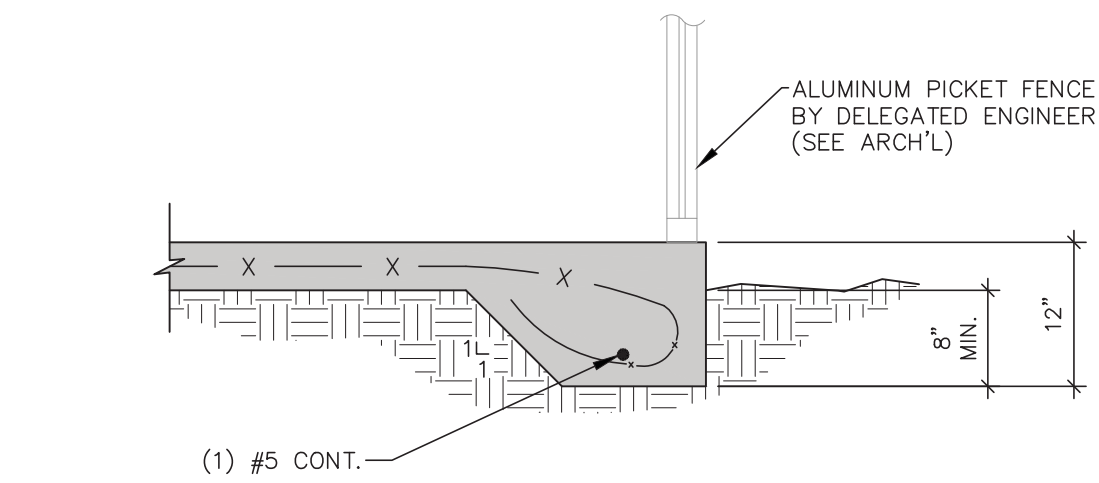
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FOUNDATION PLAN

REVISIONS:

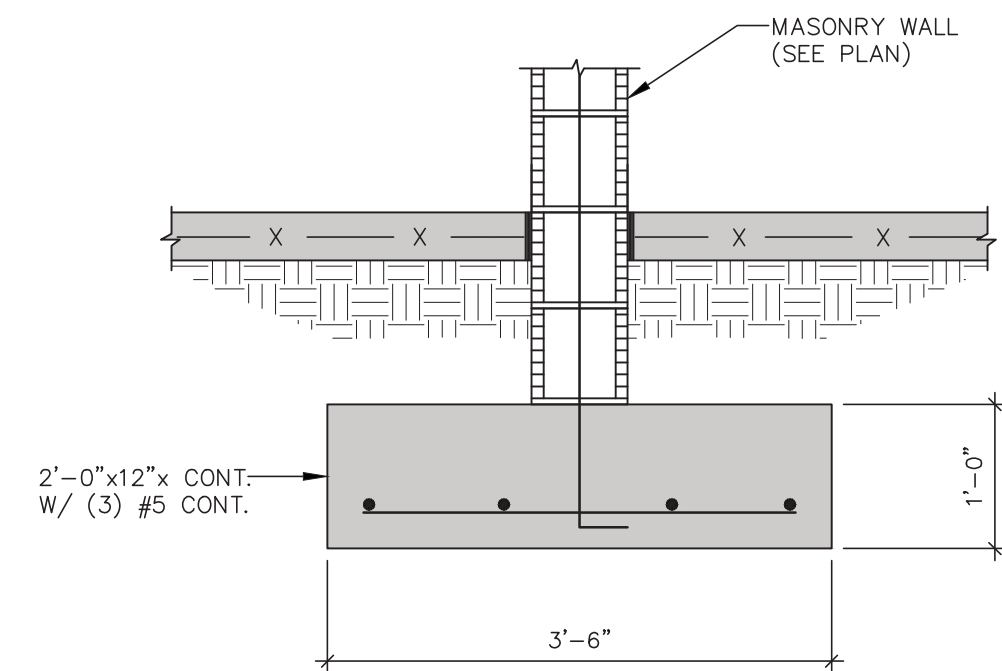
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DRAWN BY:  
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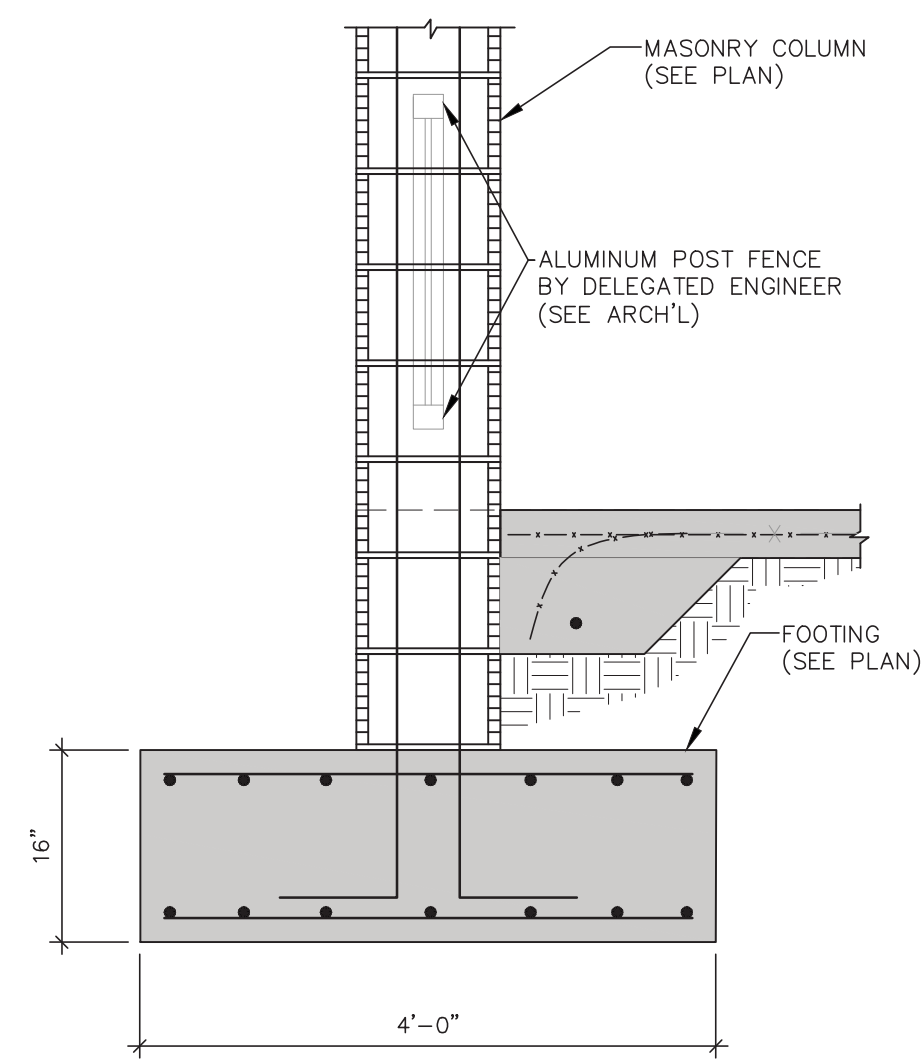
S-1



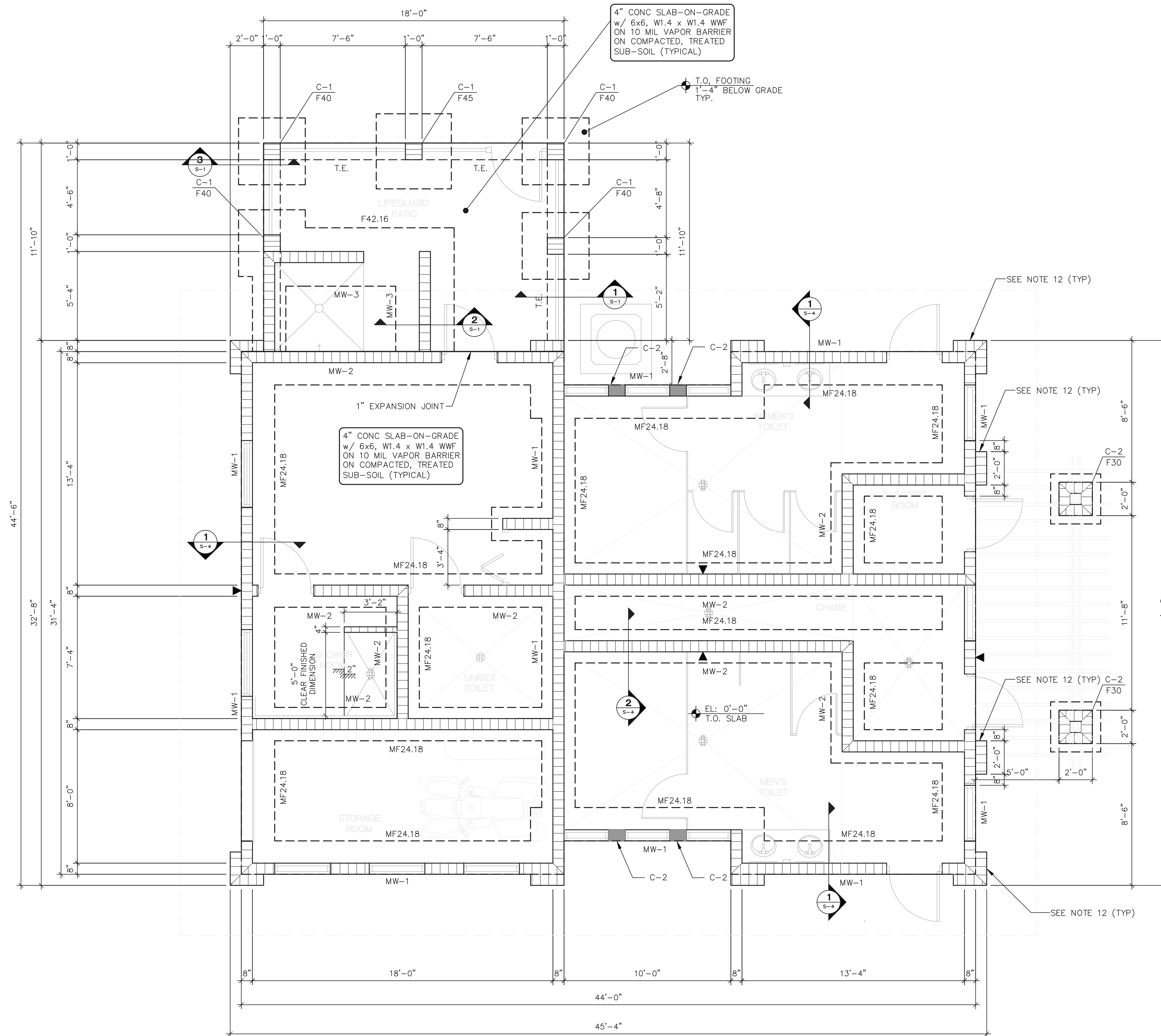
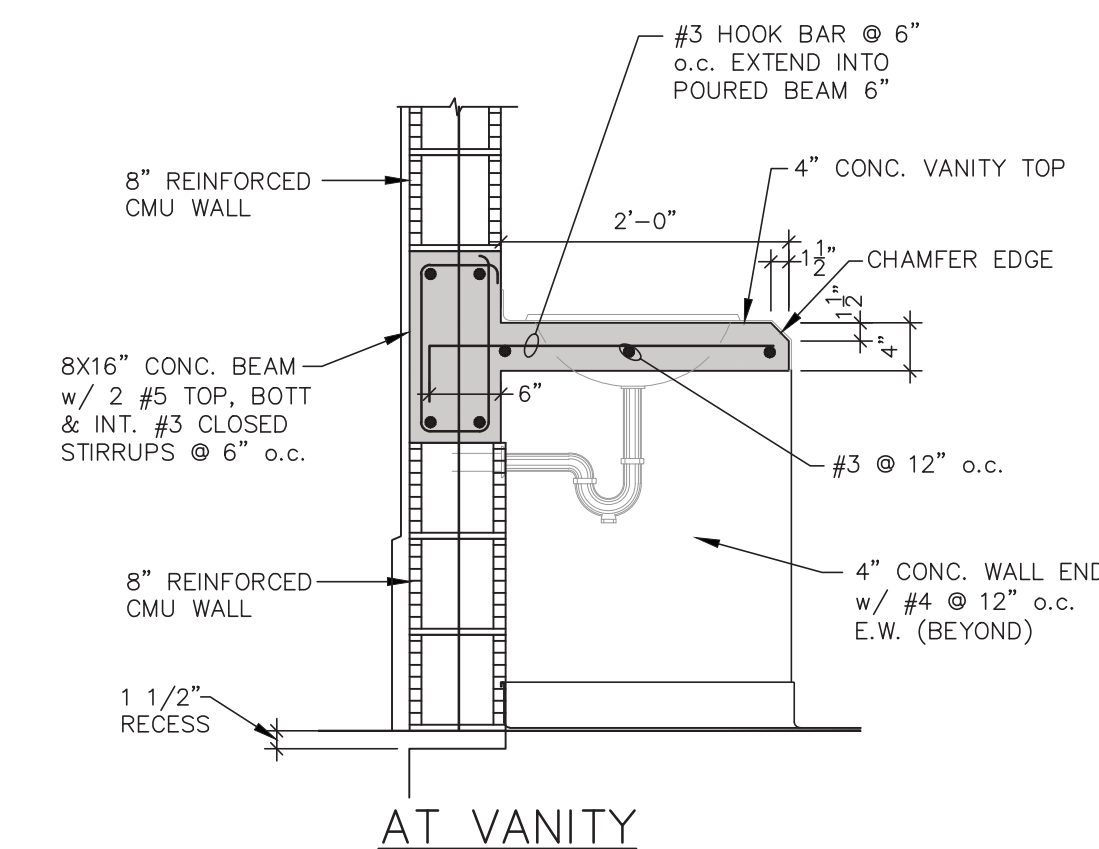
SECTION 1  
3/4"=1'-0"



SECTION 2  
3/4"=1'-0"



SECTION 3  
3/4"=1'-0"



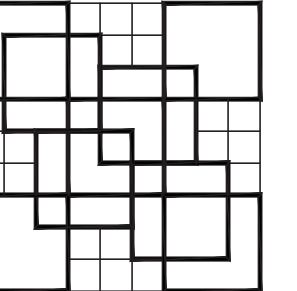
FOUNDATION PLAN  
1/4"=1'-0"

**FOUNDATION PLAN NOTES:**

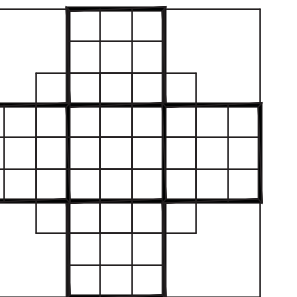
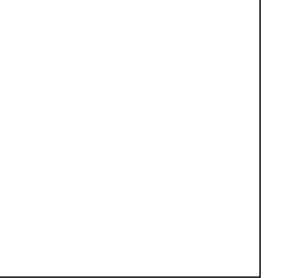
- TOP OF SLAB ELEVATION 0'-0" EQUALS ELEVATION, NGVD = 17.52' (CONFIRM W/ CIVIL DWGS)  
TOP OF FOOTINGS AS NOTED IN PLAN, UNLESS SHOWN OTHERWISE OR REVISED BY GEOTECHNICAL ENGINEER.
- FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES.
- SEE ARCH. DRAWINGS FOR LOCATION/ LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING PARTITION WALLS NOT SHOWN ON STRUCTURAL PLANS (VERIFY W/ ARCH). SEE GENERAL NOTES FOR ADDITIONAL WALL FRAMING INFORMATION.
- TERMITE POISON TREATMENT UNDER SLAB PER LOCAL CODE REQUIREMENTS.
- PROVIDE CORNER BARS WHERE ALL FOOTINGS CHANGE DIRECTION AND AT FOOTING INTERSECTIONS. SEE SECTIONS FOR FURTHER INFORMATION.
- ALIGN C.I. W/COLUMN ISOLATION JOINT WHERE POSSIBLE, OTHERWISE TERMINATE W/(2)#4X6'-0" LONG @ END OF C.I.
- COORDINATE LOCATIONS OF SLAB RECESSES W/ARCH'L DWGS.
- ▼ INDICATES MASONRY WALL CONTROL JOINT.
- ALL EXTERIOR MASONRY WALL TO BE MW-1 U.N.O.
- ALL INTERIOR MASONRY WALL TO BE MW-2 U.N.O.
- C-1 TO BE 12"x12" COLUMN BLOCK FULLY GROUTED W/ 4 #5 AND #2 TIES @ 8" o.c.
- EXTEND EDGE OF MONOLITHIC FOOTING TO EXTERIOR FACE OF WALL.
- SLOPE TO DRAINS (REFER TO ARCH'L DWGS)
- C-2 TO BE 8"x12" CONC. COLUMN W/ (4) #5 VERT. & #3 TIES @ 8" o.c.

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REG. #60998

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JOB # 271.081



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(561) 833-9147  
ARCHITECT ELIZABETH A. & COLOME  
REG. NUMBER AR 0014839

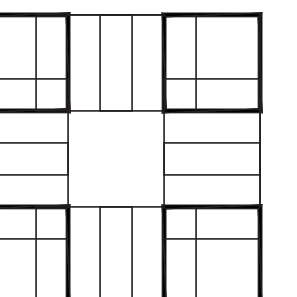
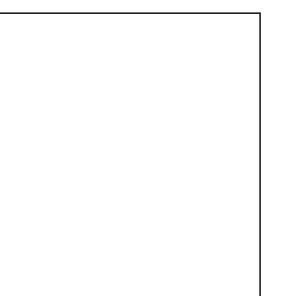


**P. B. C.**  
R.G. KREUSLER PARK  
RESTROOM BUILDING  
AND ENTRY DRIVE  
MODIFICATIONS

PBC NO 14204  
2685 SOUTH OCEAN BLVD.

LAKE WORTH  
FLORIDA

PROJECT NO.  
201402



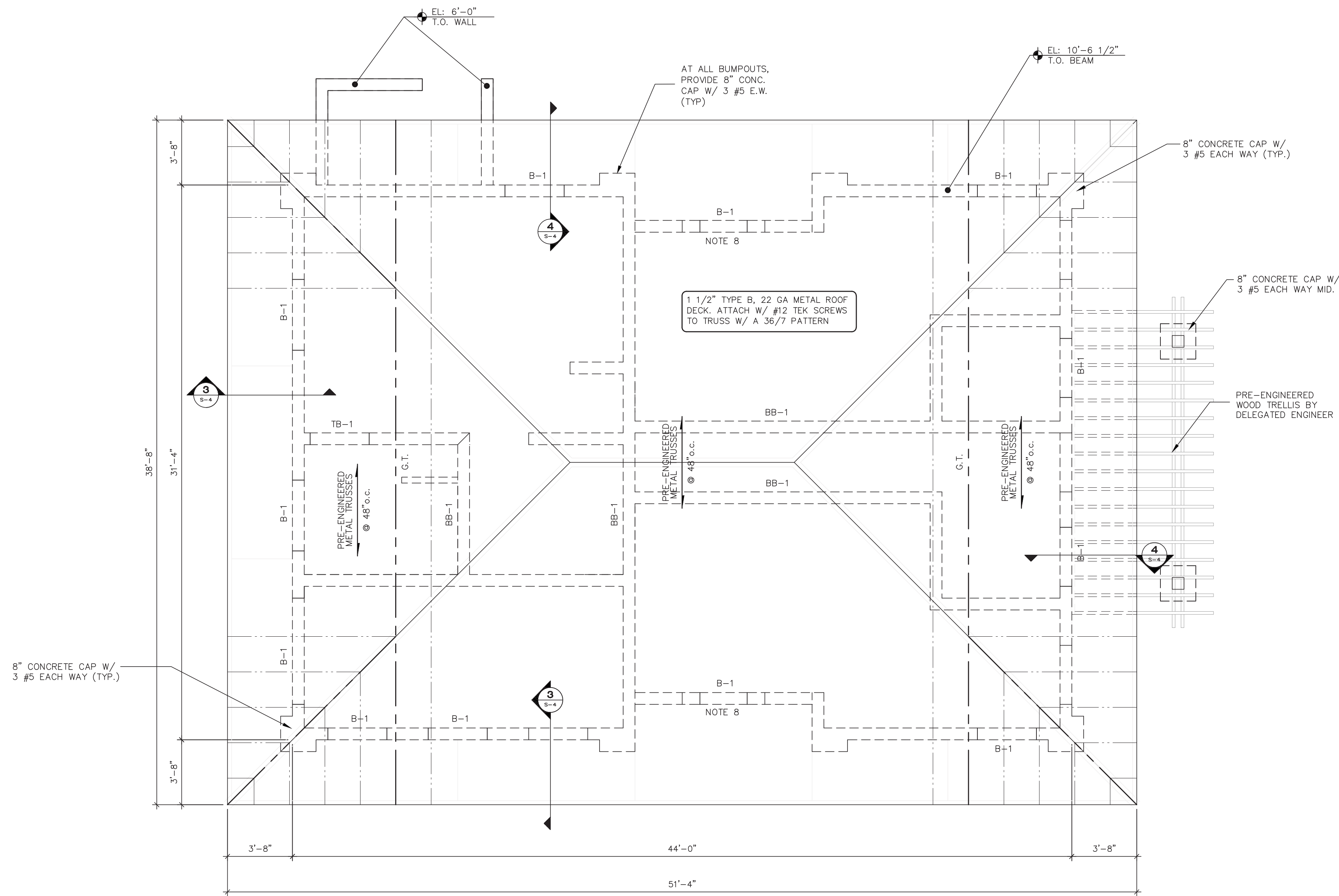
SHEET TITLE  
ROOF PLAN

REVISIONS:

DATE  
11/20/15  
DRAWN BY:  
DG  
CHECKED BY:  
EP

SHEET  
NUMBER

S-2



**ROOF PLAN**  
1/4"=1'-0"

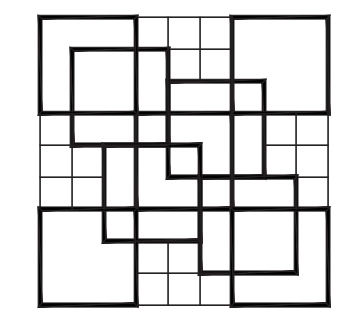
**ROOF FRAMING NOTES:**

1. TRUSS BEARING ELEVATION IS 10'-6 1/2" U.N.O.
2. METAL TRUSSES SHALL BE SPACED 4'-0" O.C. MAX.
3. G.T. INDICATES ROOF GIRDER TRUSS BY METAL TRUSS MANUFACTURER.
4. TRUSS TO BEAR ON EXTERIOR WALLS AND B-1 BEAMS.
5. ROOF SHEATHING SHALL BE 5/8" FIRE RATED PLYWOOD SHEATHING FASTENED TO METAL DECK W/#10 SS S.M.S. @ 6" o.c. E.W. OVER 1 1/2" TYPE B 22 GA METAL ROOF DECK. W/ #12 TEK SCREWS TO TRUSSES @ 6" O.C. (36/7 PATTERN) & (6) #12 TEK SCREWS PER SPAN SPIDELAP FASTENERS.
6. RUNS FOR MECH'L, ELECTRICAL AND PLUMBING (MEP) THROUGH PRE-FABRICATED METAL TRUSSES MUST BE COORDINATED WITH THE METAL TRUSS DESIGNER AND MEP DWGS. (PIPING, DUCT RUNS, ETC.) FIRE SPRINKLER RUNS MUST ALSO BE COORDINATED.
7. AT TRUSS BEARING ELEVATION, PROVIDE BB-1 AT ALL MASONRY WALLS U.N.O
8. PROVIDE 8"x12" C.I.P. LINTEL W/ (2) #5 BOTTOM OVER WINDOWS

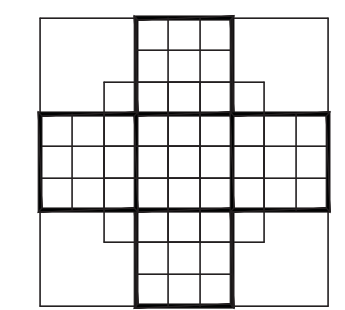


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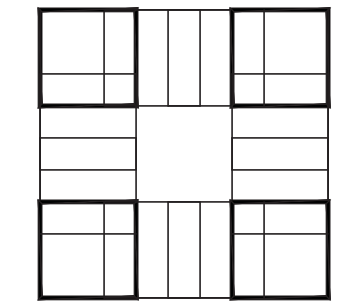


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 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS

PBC NO 14204  
 2685 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402



SHEET TITLE:  
 TYP DETAILS  
 AND  
 SECTIONS

REVISIONS:

DATE  
 11/20/15  
 DRAWN BY:  
 DG  
 CHECKED BY:  
 EP

SHEET  
 NUMBER

S-4

DESIGN LOAD SCHEDULE		(ALL LOADS SHOWN ARE IN POUNDS PER SQ. FT.)	
COMPONENT	AREA	LOAD	TOTAL
METAL TRUSSES	10		
MEP	5		
ROOFING	10		
TOTAL DEAD LOAD		25	
TOTAL LIVE LOAD		20	
TOTAL LOAD		45	

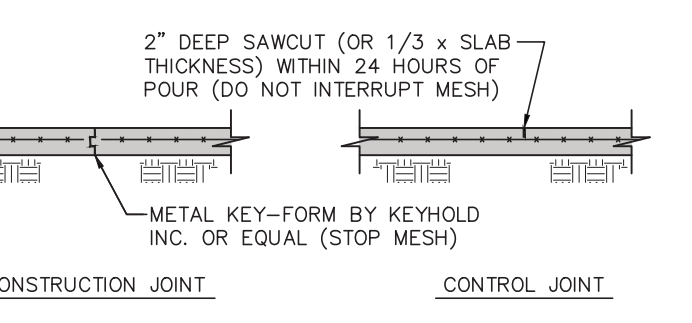
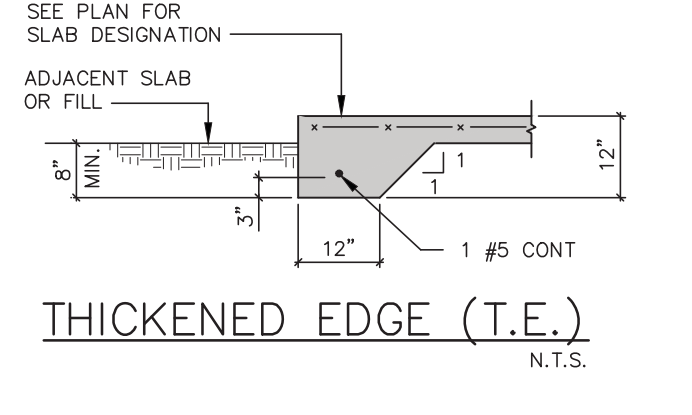
BEAM SCHEDULE		REINFORCING		STIRRUPS		
MARK	SIZE BxH (Inches)	BOTT	TOP	INT	TIES	SPACING
B-1	8 x 16	3 #5	3 #5	-	#3	@ 6" o.c.
BB-1*	8 x 16	2 #5	2 #5	-	#3	@ 8" o.c.

NOTES:  
 1. TIE-BEAMS INTENDED TO BE CAST ATOP MASONRY WALLS - EXTEND AND HOOK WALL REINFORCING INTO TIE-BEAM.  
 2. \* - INDICATES MASONRY BEAM

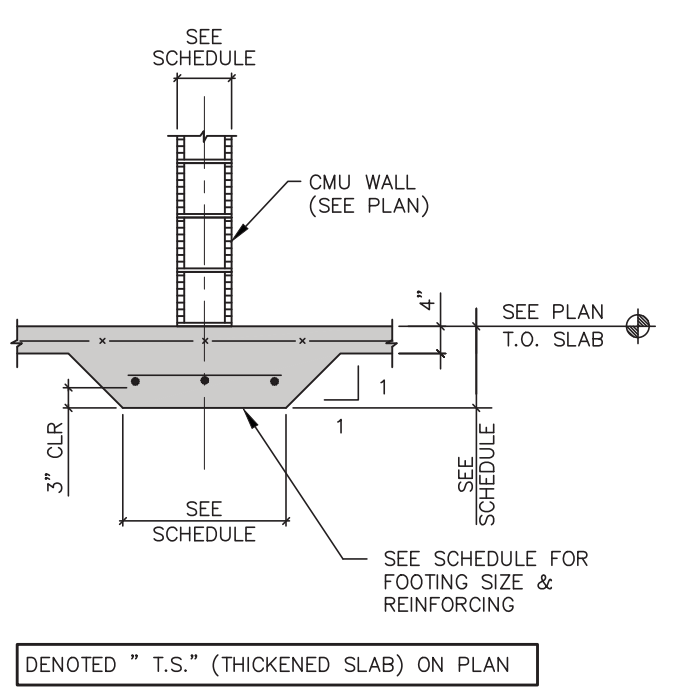
FOOTING SCHEDULE			REINFORCING	
MARK	SIZE	REINFORCING		
F30	3'-0" x 3'-0" x 12"	4 #5 TOP & BOTT. E.W.		
F40	4'-0" x 4'-0" x 16"	5 #5 TOP & BOTT. E.W.		
F45	4'-6" x 4'-6" x 16"	6 #5 TOP & BOTT. E.W.		
F24.12	2'-0" x CONT. x 12"	3 #5 CONT.		
F42.16	3'-6" x CONT. x 16"	4 #5 CONT.		
MF24.12	2'-0" x CONT. x 12"	3 #5 CONT.		
MF24.18	2'-0" x CONT. x 18"	3 #5 CONT #4 x 2'-0" LONG HOOK BAR @ 36" o.c.		

MASONRY WALL SCHEDULE			REINFORCING	
MARK	THICKNESS	REINFORCING		
MW-1	8" CMU	#5 @ 40" o.c.		
MW-2	8" CMU	#5 @ 48" o.c.		
MW-3	8" CMU	#5 @ 16" o.c.		

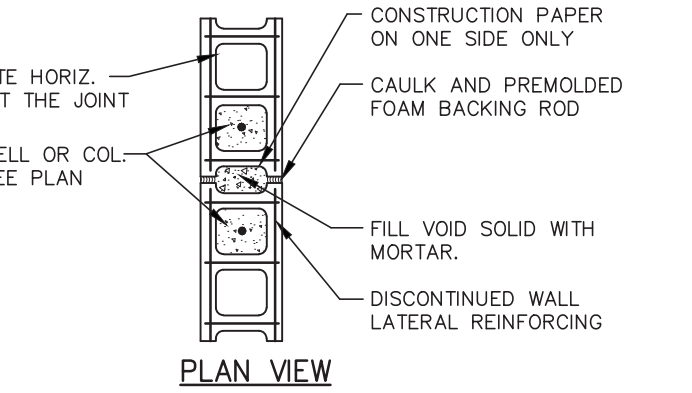
MASONRY WALL NOTES:  
 1. WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZED LATERAL REINFORCING @ 16" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL.  
 2. ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE (1) MATCHING VERTICAL IN CELL, GROUTED SOLID, FULL HEIGHT.  
 3. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH 3000 PSI GROUT MAX.  
 4. AT END, CORNERS, AND INTERSECTION OF WALLS PLACE (1) MATCHING VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT.



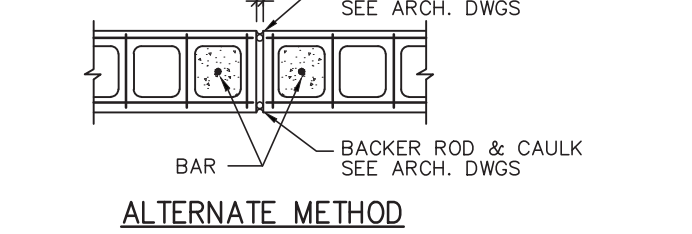
NOTE: CONTROL JOINTS/CONSTRUCTION JOINTS SHALL CREATE PANELS OF 150 SQ. FEET (MAXIMUM)



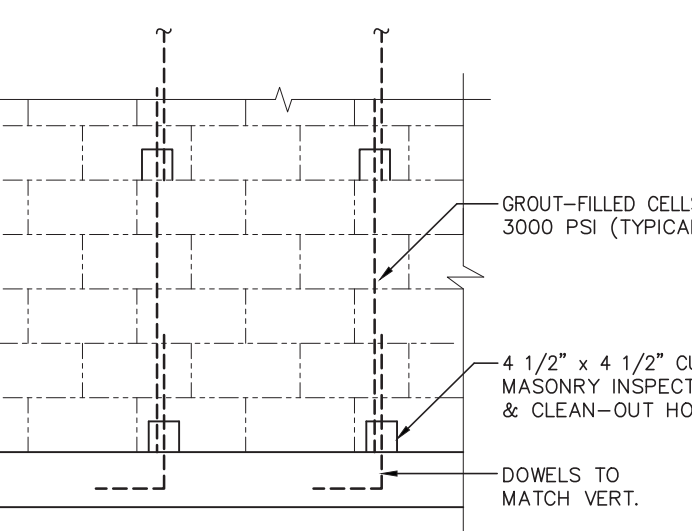
NOTES:  
 1. - SAW CUT BOND BEAMS, THE BEAMS 1" DEEP TO CONTINUE WALL CONTROL JOINT TO TOP OF WALL.  
 2. - CONTROL JOINT SPACING IS NOT TO EXCEED 25'-0" o.c. IN WALLS WITH MORE THAN 25'-0" OF UNINTERRUPTED MASONRY. REFER TO DWG'S FOR ADDITIONAL SPECIFIED LOCATIONS AS NOTED THUS (WCJ).  
 3. - CONTINUE ALL BOND BEAMS, TIE BEAMS REINF. THROUGH THE JOINT.



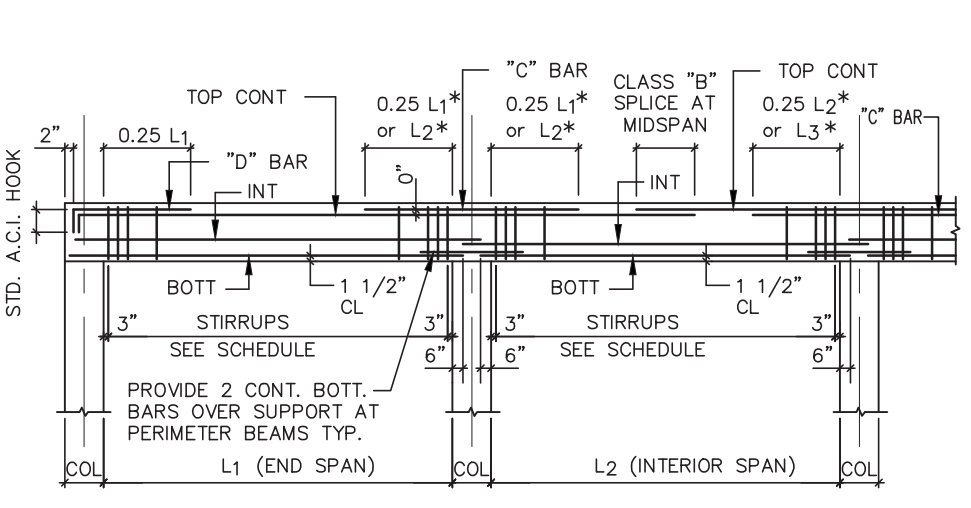
NOTES:  
 1. - SAW CUT BOND BEAMS, THE BEAMS 1" DEEP TO CONTINUE WALL CONTROL JOINT TO TOP OF WALL.  
 2. - CONTROL JOINT SPACING IS NOT TO EXCEED 25'-0" o.c. IN WALLS WITH MORE THAN 25'-0" OF UNINTERRUPTED MASONRY. REFER TO DWG'S FOR ADDITIONAL SPECIFIED LOCATIONS AS NOTED THUS (WCJ).  
 3. - CONTINUE ALL BOND BEAMS, TIE BEAMS REINF. THROUGH THE JOINT.



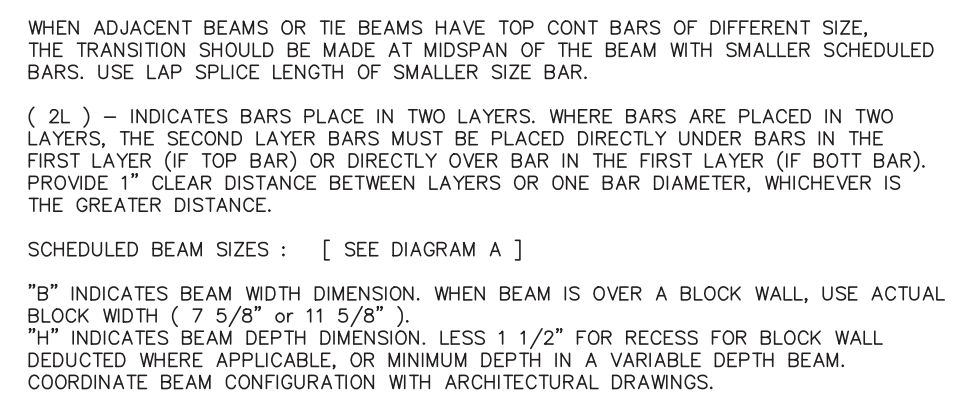
CMU WALL CONTROL JOINT (WCJ) DETAIL (N.T.S.)



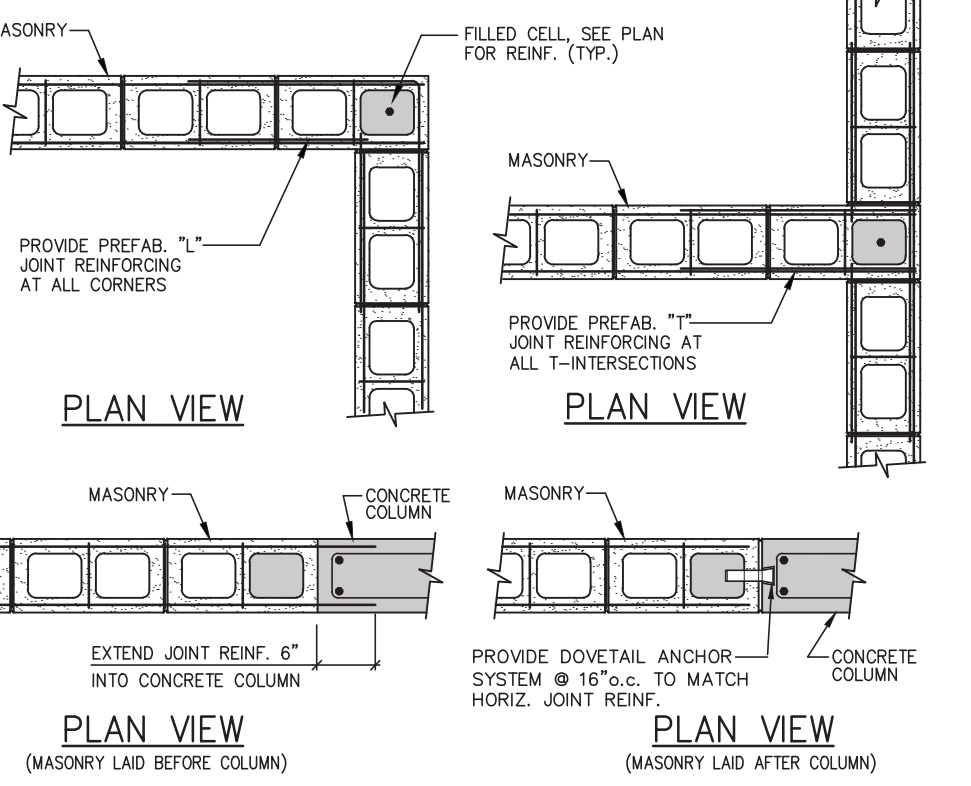
TYPICAL MASONRY FILLED CELL DETAIL (N.T.S.)



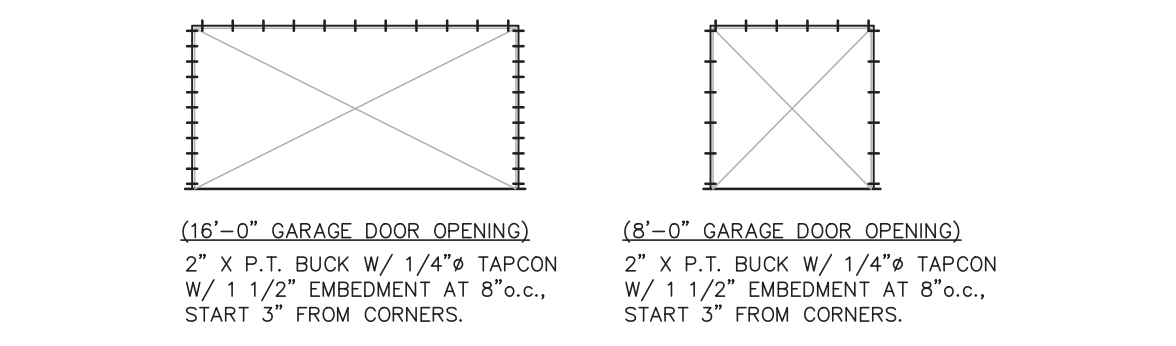
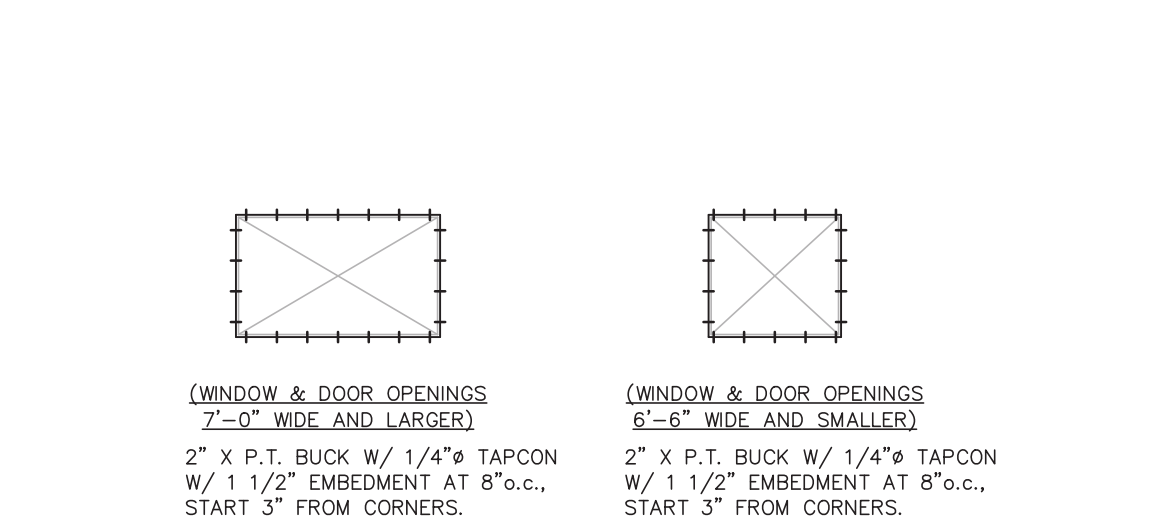
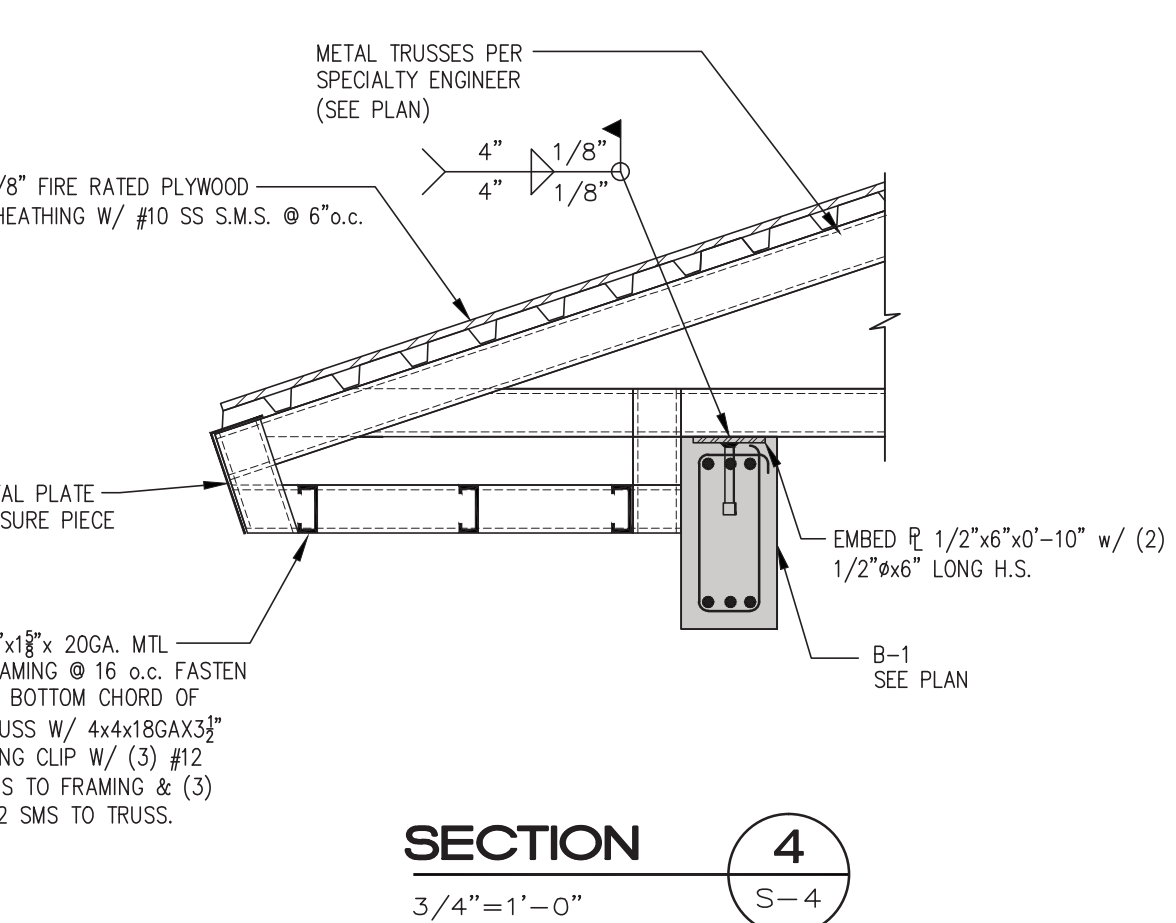
NOTES:  
 WHEN ADJACENT BEAMS OR TIE BEAMS HAVE TOP CONT BARS OF DIFFERENT SIZE, THE TRANSITION SHOULD BE MADE AT MIDSPAN OF THE BEAM WITH SMALLER SCHEDULED BARS. USE LAP SPICE LENGTH OF SMALLER SIZE BAR.  
 (2L) - INDICATES BARS PLACE IN TWO LAYERS, WHERE BARS ARE PLACED IN TWO LAYERS, THE SECOND LAYER BARS MUST BE PLACED DIRECTLY UNDER BARS IN THE FIRST LAYER (IF TOP BAR) OR DIRECTLY OVER BAR IN THE FIRST LAYER (IF BOTT BAR). PROVIDE 1" CLEAR DISTANCE BETWEEN LAYERS OR ONE BAR DIAMETER, WHICHEVER IS THE GREATER DISTANCE.  
 SCHEDULED BEAM SIZES: [ SEE DIAGRAM A ]  
 \*B\* INDICATES BEAM WIDTH DIMENSION, WHEN BEAM IS OVER A BLOCK WALL, USE ACTUAL BLOCK WIDTH (7 5/8" or 11 5/8").  
 \*I\* INDICATES BEAM DEPTH DIMENSION, LESS 1 1/2" FOR RECESS FOR BLOCK WALL DEDUCTED WHERE APPLICABLE, OR MINIMUM DEPTH IN A VARIABLE DEPTH BEAM. COORDINATE BEAM CONFIGURATION WITH ARCHITECTURAL DRAWINGS.



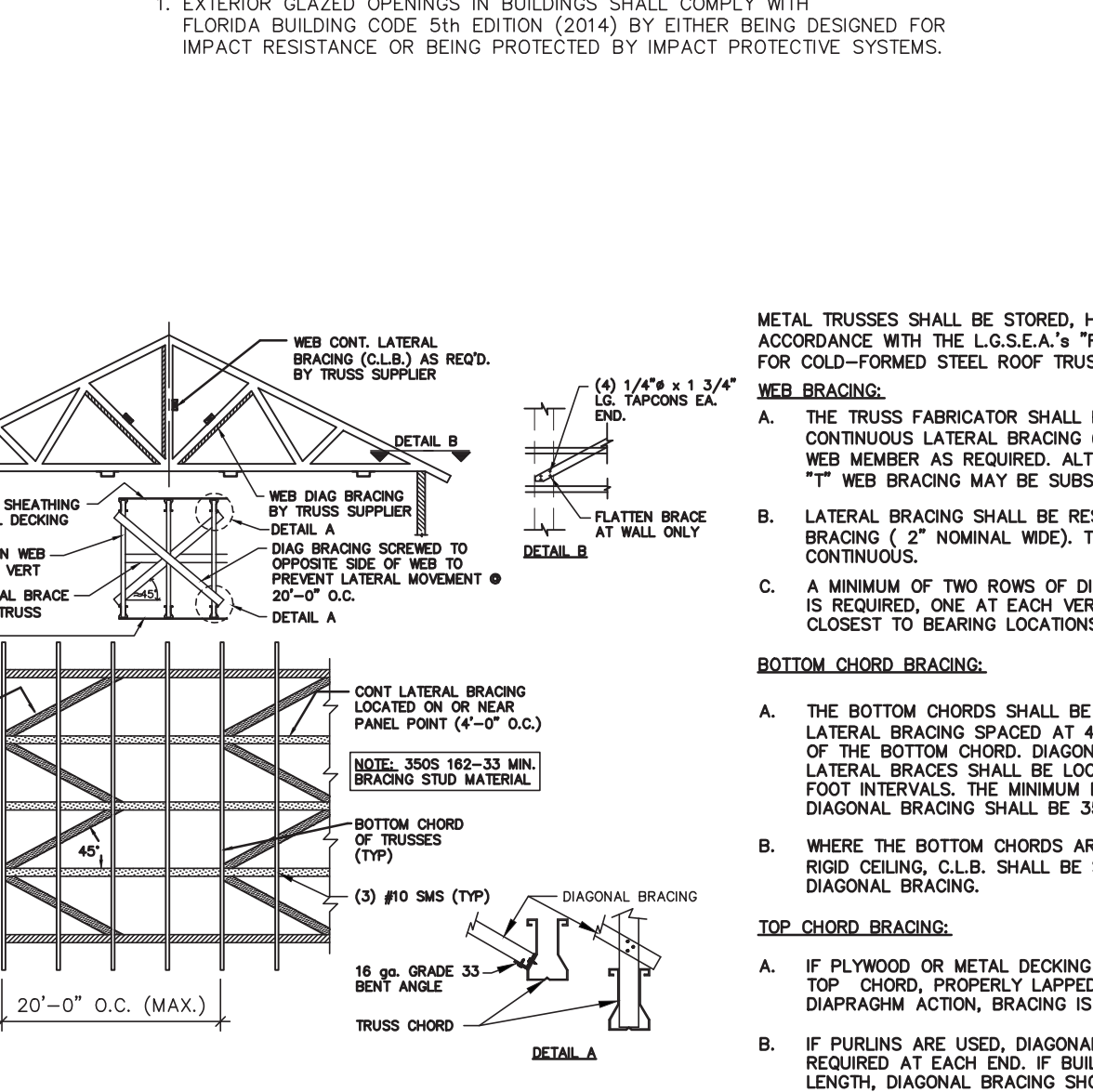
TYPICAL MASONRY DETAILS (N.T.S.)



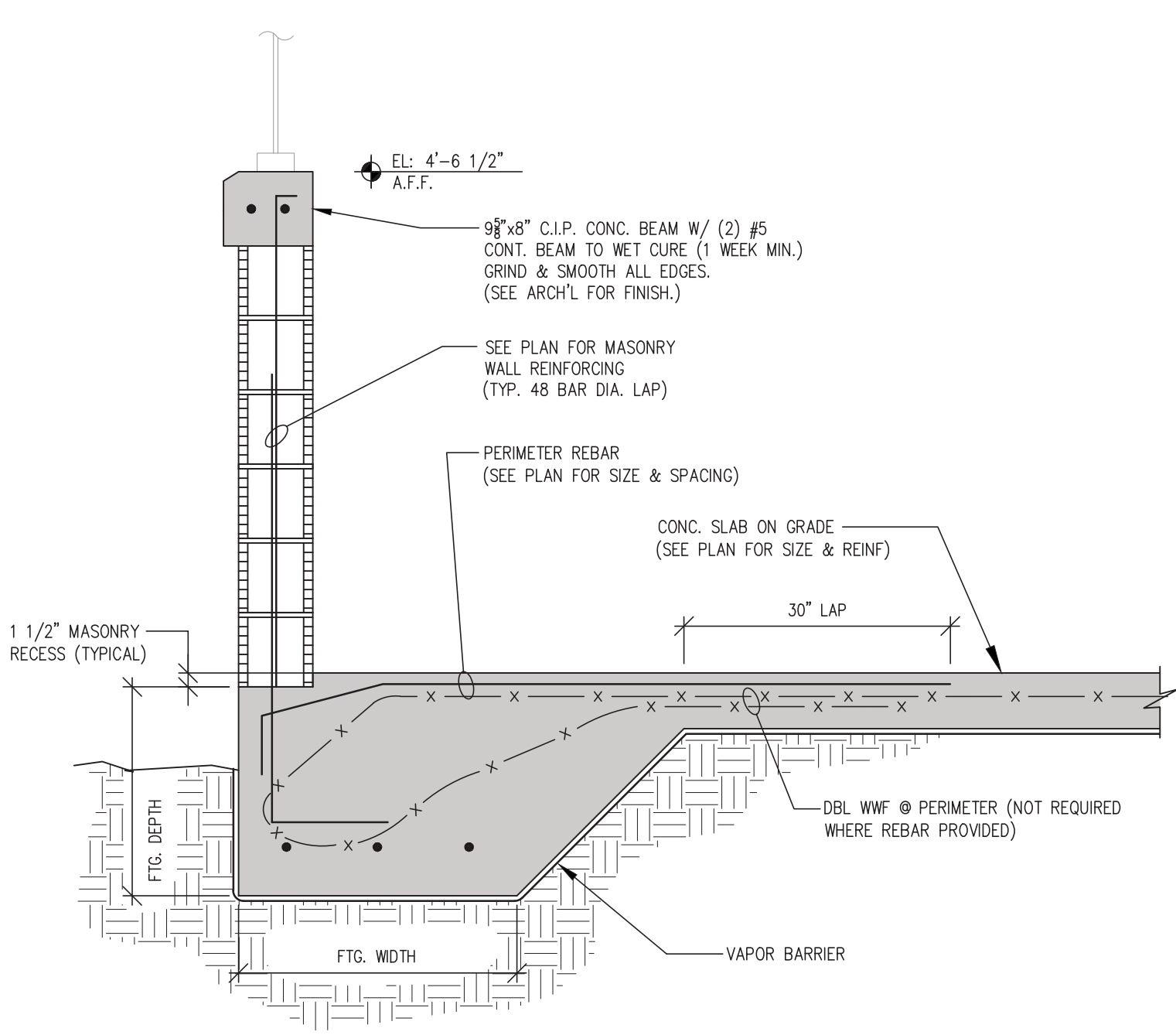
TYPICAL JAMB DETAIL < 8" (N.T.S.)



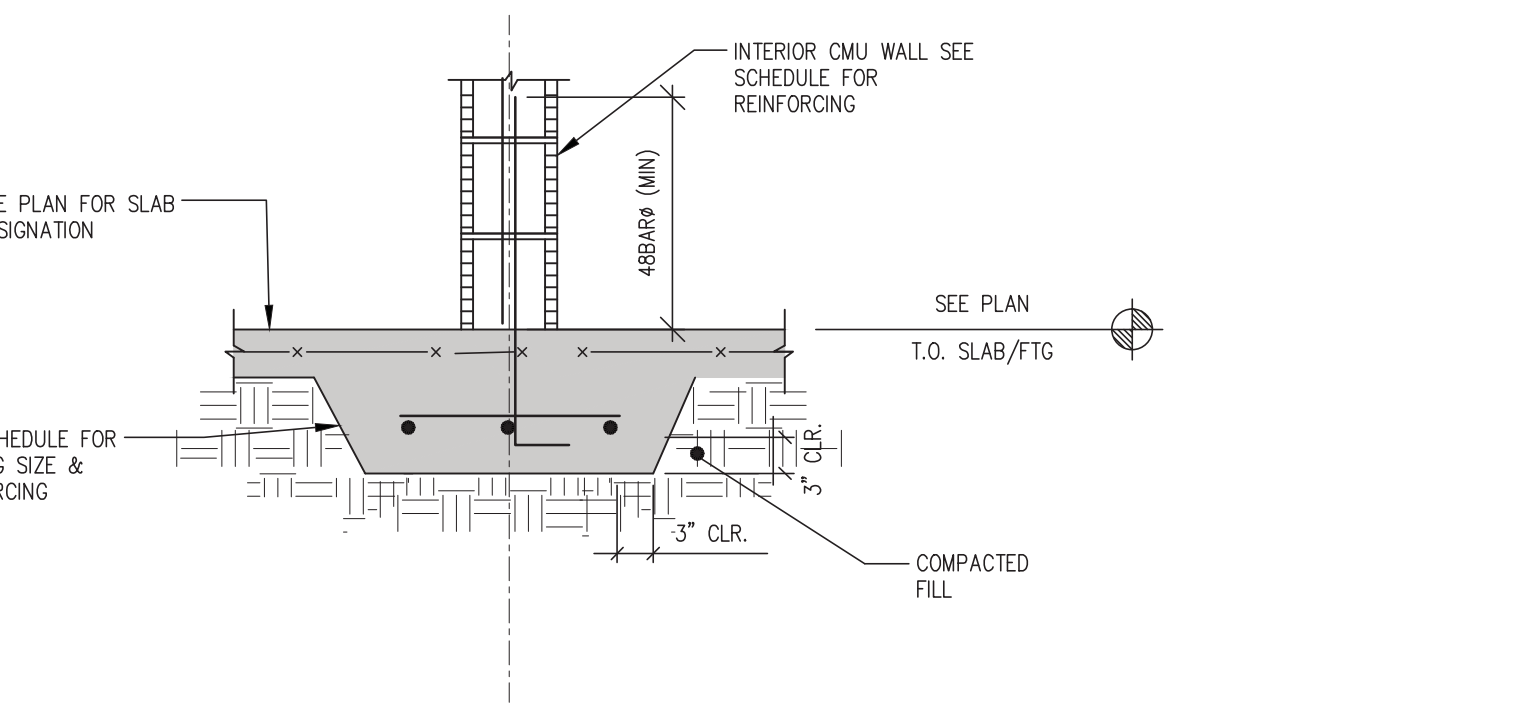
TYPICAL WOOD BUCK TO CONCRETE CONNECTION DETAIL  
 1. EXTERIOR GLAZED OPENINGS IN BUILDINGS SHALL COMPLY WITH FLORIDA BUILDING CODE 5th EDITION (2014) BY EITHER BEING DESIGNED FOR IMPACT RESISTANCE OR BEING PROTECTED BY IMPACT PROTECTIVE SYSTEMS.



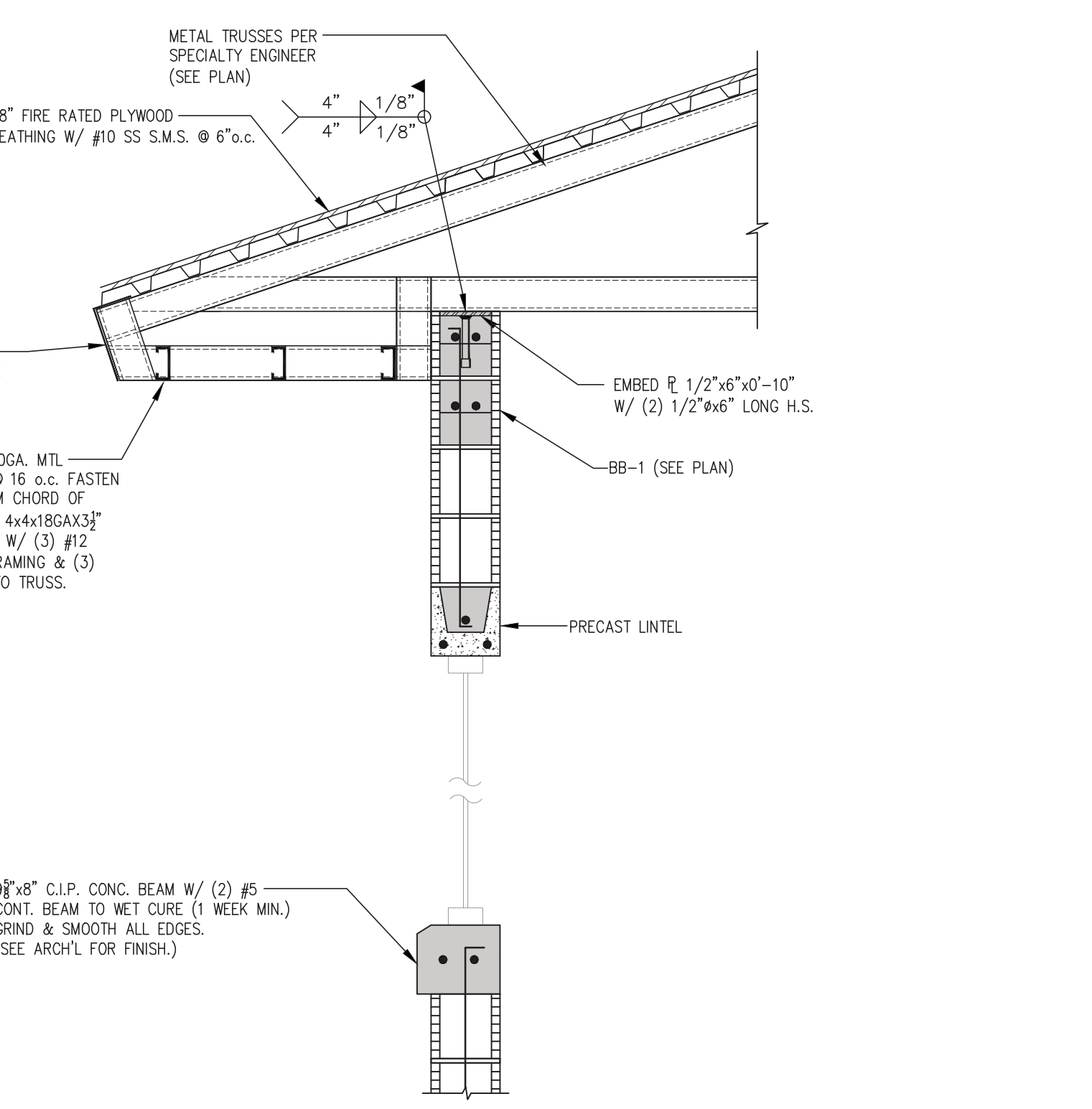
METAL TRUSS BRACING DETAIL (N.T.S.)



SECTION 1  
 3/4" = 1'-0"



SECTION 2  
 3/4" = 1'-0"



SECTION 3  
 3/4" = 1'-0"

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 REG. #60998

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### AIR CONDITIONING SYSTEM SCHEDULE

UNIT NO.	MAKE	AIR HANDLING UNIT DATA						E.A.T.		L.A.T.		CAPACITY DATA				AIR COOLED CONDENSING UNIT DATA				REMARKS
		MODEL	CFM	EXT. SP	FAN FLA	V/φ	DB	WB	DB	WB	COOLING TOTAL	HEATING SENS.	HEATING KW	Vφ	PLAN MARK	MODEL	VOLTS/φ	COMP. R.L.A.	FAN F.L.A.	
AHU-1	TRANE	TAM4A0A18	500	0.3	2.4	240/1	77.0	65.0	57.0	55.2	17.4	12.8	3.6	240/1	CU-1	4TTR4018	208/1	9	0.6	①②③④⑤⑥

- ① ALL CONDENSATE DRAIN LINES SHALL BE FULL SIZE OF THE DRAIN CONNECTION OR 3/4" DIA., WHICHEVER IS LARGER.
- ② 14.5 SEER MINIMUM FOR MATCHED PAIR SYSTEM.
- ③ 24 HR 7 DAY DIGITAL PROGRAMMABLE BACNET COMMUNICATING THERMOSTAT
- ④ DESIGN CRITERIA IS FOR A FACTORY "MATCHED PAIR" CONDENSER/EVAPORATER. SUBMIT COMBINATION RATINGS FOR MATCHED SYSTEM AT SPECIFIED CONDITIONS.
- ⑤ FIELD APPLIED CONDENSER COIL COATING. 5000 HR SALT-SPRAY ASTM-B117 CERTIFIED.
- ⑥ REFRIGERANT = R410A

### LEGEND

	REVISIONS
	ACCESS PANEL (CEILING MOUNTED)
A.F.F.	ELEVATION/ABOVE FINISHED FLOOR
EA	EXHAUST AIR
	NEW EXHAUST DUCTWORK FIRST DESIGNATION IS SIDE SHOWN.
	TURNING VANES (NUMBER OF VANES SHALL BE BASED ON ACTUAL DUCT SIZE & NOT ON SCHEMATIC SYMBOL ON DRAWING - SEE SMACNA)
	EXHAUST FAN
	EXHAUST GRILLE
	FLEXIBLE DUCT CONNECTION
	VOLUME DAMPER (WITH OR WITHOUT MD)
Ⓣ	THERMOSTAT OR TEMPERATURE SENSOR

### PLAN MARK DESIGNATION

PLAN MARK:  
 EF = EXHAUST FAN  
 AHU = AIR HANDLING UNIT  
 CU = CONDENSING UNIT

UNIT NUMBER

### EXHAUST FAN SCHEDULE

PLAN MARK	MAKE	MODEL NUMBER	CFM	E.S.P. IN INCHES H <sub>2</sub> O	DRIVE	SONES	FAN RPM	MOTOR				MOUNTING	REMARKS	FAN CONTROL
								HP	RPM	VOLTS	PH			
EF-1	NOT USED													
EF-2	GREENHECK	SQ-97-VG	100	0.50	DIRECT	8.8	1272	1/4	1272	120	1	IN-LINE	①②③④⑤	INTERLOCK WITH AHU-1
EF-3	GREENHECK	SQ-98-VG	500	0.50	DIRECT	13.5	1622	1/4	1622	120	1	IN-LINE	①②③④⑤⑥	FAN SHALL RUN CONTINUOUSLY
EF-4	GREENHECK	SQ-60-D	100	0.25	DIRECT	3.8	1528	1/40	1528	120	1	IN-LINE	①②③④⑤⑦	TSTAT SET TO 80°F

- ① ALUMINUM BACKDRAFT DAMPER
- ② HUNG FROM STRUCTURE WITH SPRING VIBRATION ISOLATORS
- ③ ELECTRONIC SPEED CONTROLLER MOUNTED AT FAN, OR LOCATE ABOVE NEAREST ADJACENT ACCESSIBLE CEILING.
- ④ PROVIDE WITH INSULATED HOUSING AND MOTOR COVER
- ⑤ PROVIDE WITH DISCONNECT
- ⑥ COORDINATE WITH DIVISION 16, HORN AND STROBE MONITORING. SEE PLANS
- ⑦ PROVIDE WITH INLET GUARD

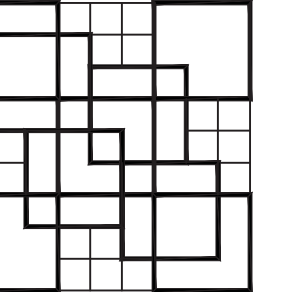
### DIFFUSER, GRILLE, AND REGISTER SCHEDULE

PLAN MARK	MAKE	MODEL NUMBER	MODULE SIZE	NECK SIZE	FINISH ⑤	MATERIAL	MOUNTING	REMARKS
CD-1	TITUS	TDC-AA	12x12	10x10	OFF-WHITE	ALUMINUM	SURFACE	①②
EG-1	TITUS	350FL	10x10	6x6	OFF-WHITE	ALUMINUM	SURFACE	①③④
EG-2	TITUS	350FL	10x10	8x8	OFF-WHITE	ALUMINUM	SURFACE	①③④
TG-1	TITUS	350FL	16x16	16x16	OFF-WHITE	ALUMINUM	SURFACE	①③④

- ① CONFIRM ALL MOUNTING TYPES WITH ACTUAL CEILING CONSTRUCTION PRIOR TO ORDERING AND INSTALLATION
- ② THROW PATTERN AS INDICATED BY ARROWS ON FLOOR PLANS
- ③ FLANGED BORDER
- ④ POSITION SO BLADES POINT TOWARDS THE WALL (CEILING MOUNTED) OR CEILING (WALL MOUNTED).
- ⑤ COLOR TO MATCH SURFACE THAT GRILLE IS MOUNTED IN.

### GENERAL MECHANICAL NOTES

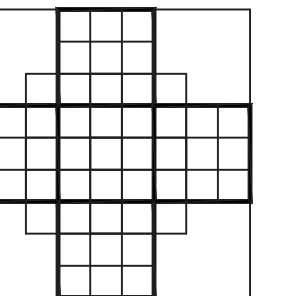
- ALL SUPPLY, EXHAUST, AND OUTSIDE AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL. DUCTS SHALL BE FABRICATED IN COMPLIANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE." REFER TO THE PROJECT SPECIFICATIONS FOR PRESSURE CLASSIFICATION AND SEALING REQUIREMENTS.
- EXHAUST AND OUTSIDE AIR DUCTWORK SHALL BE UNINSULATED. ALL DUCTWORK SHALL BE SLOPED BACK TOWARDS LOUVER AT 1/8 INCH PER FOOT.
- EXACT LOCATION OF AIR DISTRIBUTION DEVICES SHALL BE COORDINATED WITH THE ARCHITECTURAL CEILING PLANS.
- COORDINATE INSTALLATION WITH ALL OTHER INVOLVED TRADES. IN THE CASE OF CONFLICT BETWEEN DRAWINGS AND SPECIFICATION, THE MORE STRINGENT REQUIREMENT AS DETERMINED BY THE ARCHITECT / ENGINEER SHALL TAKE PRECEDENT.
- REFER TO PLANS FOR ADDITIONAL NOTES.
- ELEVATIONS GIVEN: B.E. = BOTTOM ELEVATION, C.E. = CENTERLINE ELEVATION, T.E. = TOP ELEVATION, ARE TAKEN FROM THE CONCRETE FLOOR SLAB. THESE ELEVATIONS ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION OF ANY DUCTWORK OR PIPING.
- PROVIDE SINGLE THICKNESS METAL TURNING VANES IN ALL SQUARE ELBOWS INCLUDING SUPPLY, RETURN, EXHAUST, RELIEF AND OUTSIDE AIR DUCTS. WHERE UNEQUAL SQUARE ELBOWS ARE SHOWN, TURNING VANES WITH TRAILING EDGE EXTENSIONS SHALL BE USED.
- DOCUMENTS ARE SCHEMATIC IN NATURE AND DO NOT INDICATE EVERY BEND, ELBOW, OR OFFSETS REQUIRED IN DUCTWORK AND PIPING. FIELD VERIFY ALL SIZES AND ELEVATIONS PRIOR TO FABRICATION/INSTALLATION. PROVIDE MODIFICATIONS WHERE REQUIRED FOR COORDINATION IN BASE CONTRACT PRICE AT NO ADDITIONAL COST.
- ENDS OF DUCTWORK SHALL BE KEPT SEALED USING PLASTIC SHEETING AND DUCT TAPE DURING CONSTRUCTION.
- EQUIPMENT SHALL BE SUPPLIED AND INSTALLED WITH PROVISION FOR IN-PLACE CLEANING AND SIMILAR MAINTENANCE TASKS IN ACCORDANCE WITH THE REQUIREMENTS OF ASHRAE 62-2007.
- ACCESS PANELS SHOWN IN HARD CEILINGS SHALL BE A MINIMUM OF 18 X 18 TO ALLOW FOR TEST AND BALANCE ACCESS. WHERE 18 X 18 ACCESS DOOR CANNOT BE USED DUE TO CONFLICT, PROVIDE MAXIMUM ALLOWABLE PANEL AS NOT TO CONFLICT WITH OTHER TRADES. COORDINATE COLOR OF PANEL WITH ARCHITECT.
- PAINT INSIDE OF ALL VISIBLE PLENUMS FLAT BLACK.
- EXTERIOR MOUNTED EQUIPMENT SHALL BE DESIGNED, MANUFACTURED, AND INSTALLED TO WITHSTAND THE APPLIED WIND FORCE. THE APPLICABLE WIND FORCE SHALL BE AS DETERMINED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE CHAPTER 16. A "SPECIALTY ENGINEER" LICENSED TO PRACTICE IN FLORIDA SHALL DETERMINE THE APPLICABLE WIND FORCE AND CERTIFY THE PROPOSED EQUIPMENT CONSTRUCTION AND MOUNTING MEETS THE APPLIED WIND FORCE WITH SUITABLE DOCUMENTATION PROVIDED TO THE PERMITTING AUTHORITIES.



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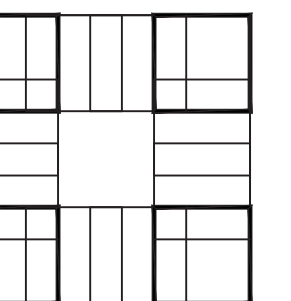
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 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS  
 PBC NO 14204  
 2006 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402  
 JLRD NO.  
 115042



SHEET TITLE:  
 LEGEND, GENERAL  
 NOTES AND  
 SCHEDULES

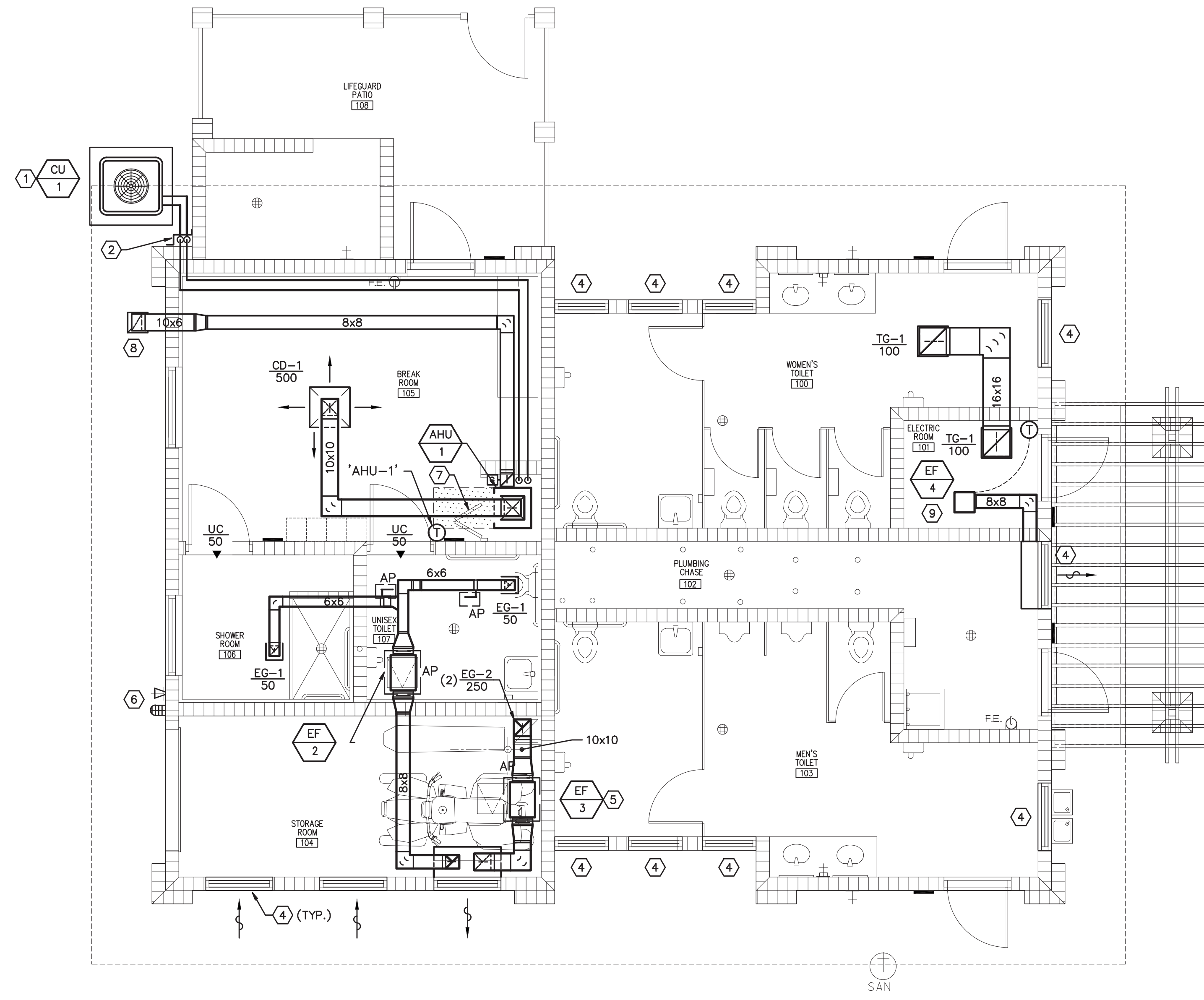
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M-1

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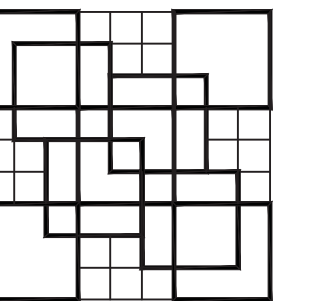
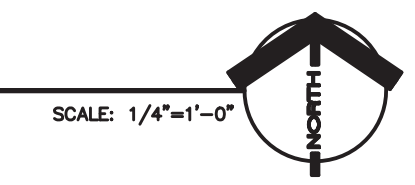


**PLAN NOTES**

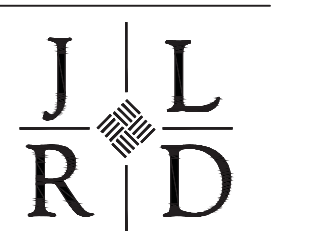
- ① CONDENSING UNIT MOUNTED ON CONCRETE PAD, SEE DETAIL.
- ② REFRIGERANT LINE SET ROUTED DOWN EXTERIOR WALL WITHIN PAINTED ALUMINUM HOUSING. VERIFY COLOR WITH ARCHITECT. SEAL WALL PENETRATIONS WEATHER TIGHT. REFER TO REFRIGERANT PIPING SCHEMATIC FOR ACCESSORIES REQUIRED.
- ③ AIR HANDLING UNIT MOUNTED ON ALUMINUM STAND, SEE DETAIL. ROUTE FULL SIZE CONDENSATE WITH P-TRAP TO HUB DRAIN WITHIN PLUMBING CHASE. ROUTE REFRIGERANT LINES ABOVE CEILING WITHIN JOIST SPACE TO CONDENSING UNIT.
- ④ LOUVER PROVIDED BY ARCHITECT.
- ⑤ EXPLOSION PROOF INLINE MOUNTED EXHAUST FAN, SUPPORTED FROM STRUCTURE WITH SPRING ISOLATORS. PROVIDE WITH 10x10 DUCT FROM FAN DISCHARGE, TRANSITION FROM FLEXIBLE DUCT CONNECTION TO FAN. ROUTE 10x10 DUCT AND CONNECT TO PLENUM ON BACK OF EXHAUST LOUVER.
- ⑥ AUDIBLE ALARM AND LIGHT INTERLOCKED WITH EXHAUST FAN MOUNTED AT 8'-0"± AFF.
- ⑦ LOUVER BY-FOLD DOOR TO ALLOW FOR RETURN AIR, 400 CFM.
- ⑧ OUTSIDE AIR INTAKE (GRILLE), TITUS MODEL 83FS, 16x16, WITH INSECT SCREEN, MOUNTED IN SOFFIT. 10x6 OA DUCT FROM GRILLE, TRANSITIONS TO 8x8 WITHIN CEILING SPACE, TO MECH CLOSET. TERMINATE DUCT WITHIN CLOSET WITH GRAVITY BACKDRAFT DAMPER.
- ⑨ FAN TO BE SUSPENDED FROM CEILING BELOW CEILING. LOCATION MUST BE COORDINATED WITH CEILING MOUNTED LIGHTING AND ALL OTHER PANELS/EQUIPMENT WITHIN THE ROOM TO INSURE ALL REQUIRED NEC REQUIRED CLEARANCES, ACCESS, ETC.

TOILET SQUARE FOOTAGE = 240 FT2  
 REQUIRED LOUVER MIN. FREE AREA EQUALS  
 4% OF TOTAL FLOOR AREA = 9.6 FT2.  
 \* TYPICAL EACH TOILET ROOM  
 TOTAL FREE AREA OF LOUVERS SHOWN = 10.3 FT2.  
 THIS IS BASED ON GREENHECK MODEL EHH-601D.  
 (BASIS OF DESIGN). IF THE CONTRACTOR CHOOSES  
 TO PROVIDE AN ACCEPTABLE ALTERNATE, THE FREE  
 AREA MUST BE CONFIRMED TO MEET THE MINIMUM  
 REQUIRED FREE AREA (9.6 FT2) FOR EACH TOILET  
 ROOM.

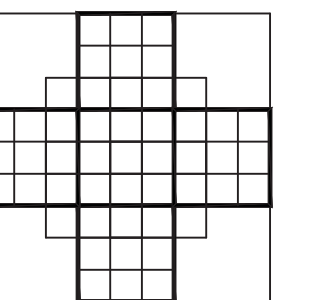
1 HVAC FLOOR PLAN  
M-2



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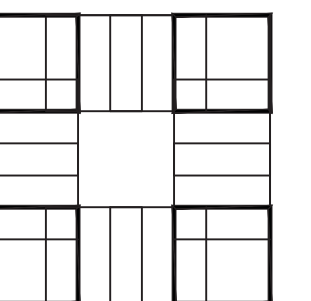
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SHEET TITLE:  
 HVAC FLOOR  
 PLANS

REVISIONS:

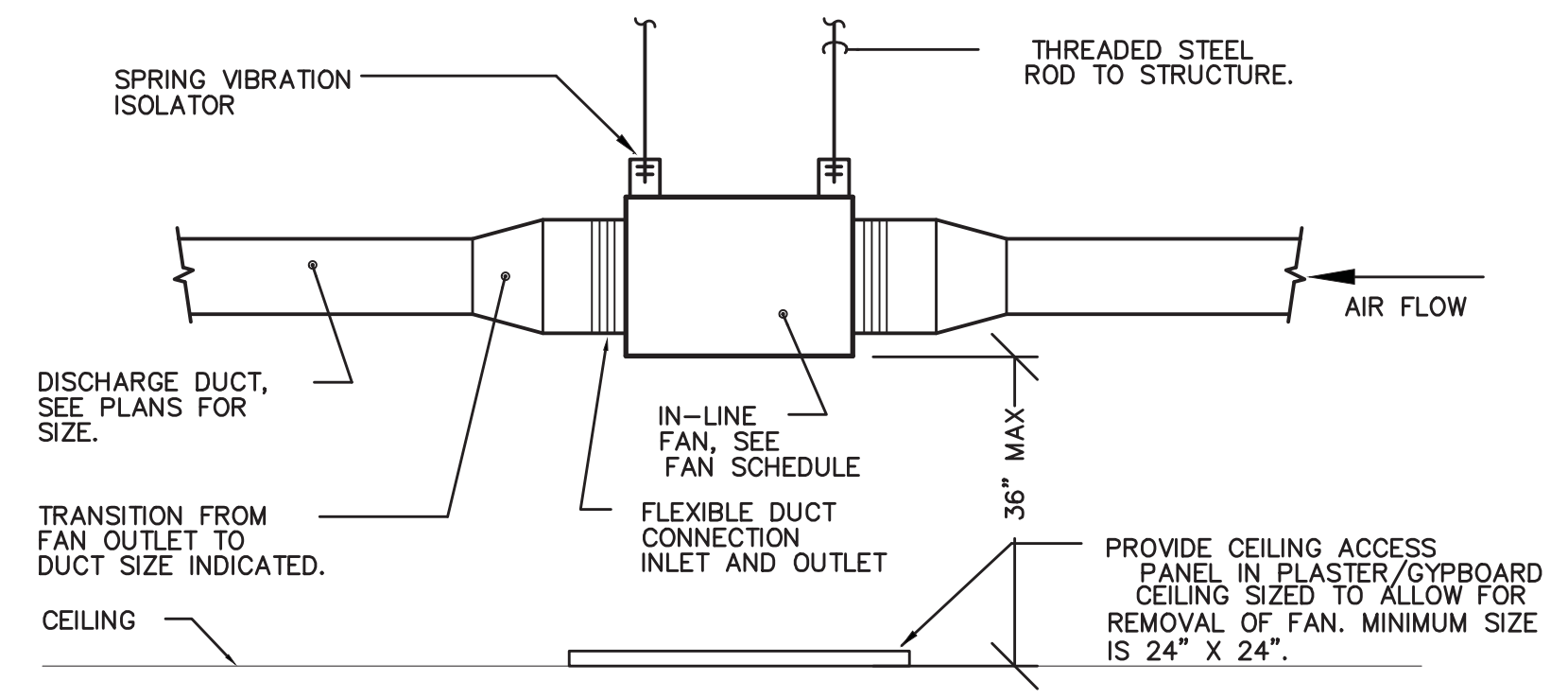
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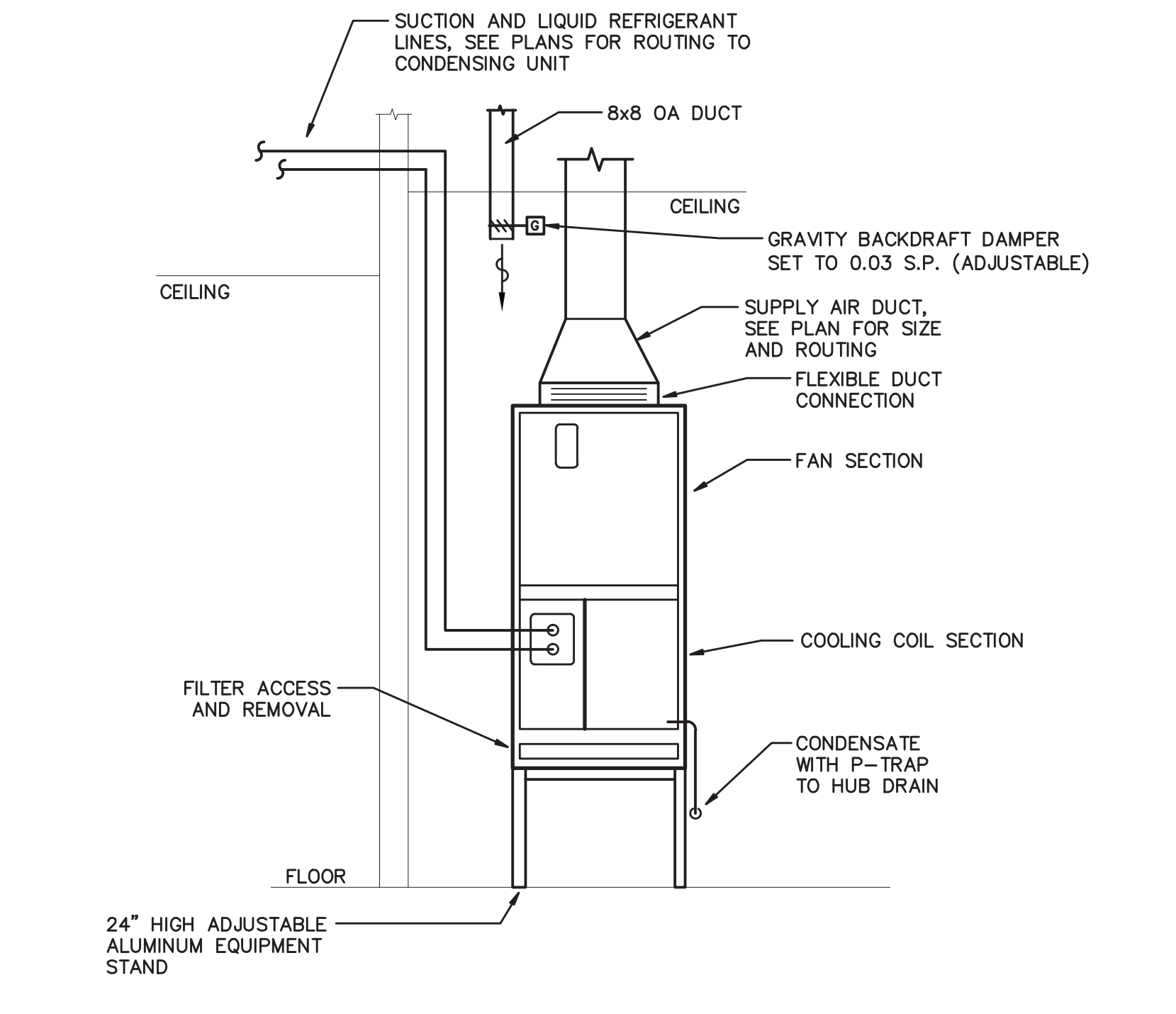
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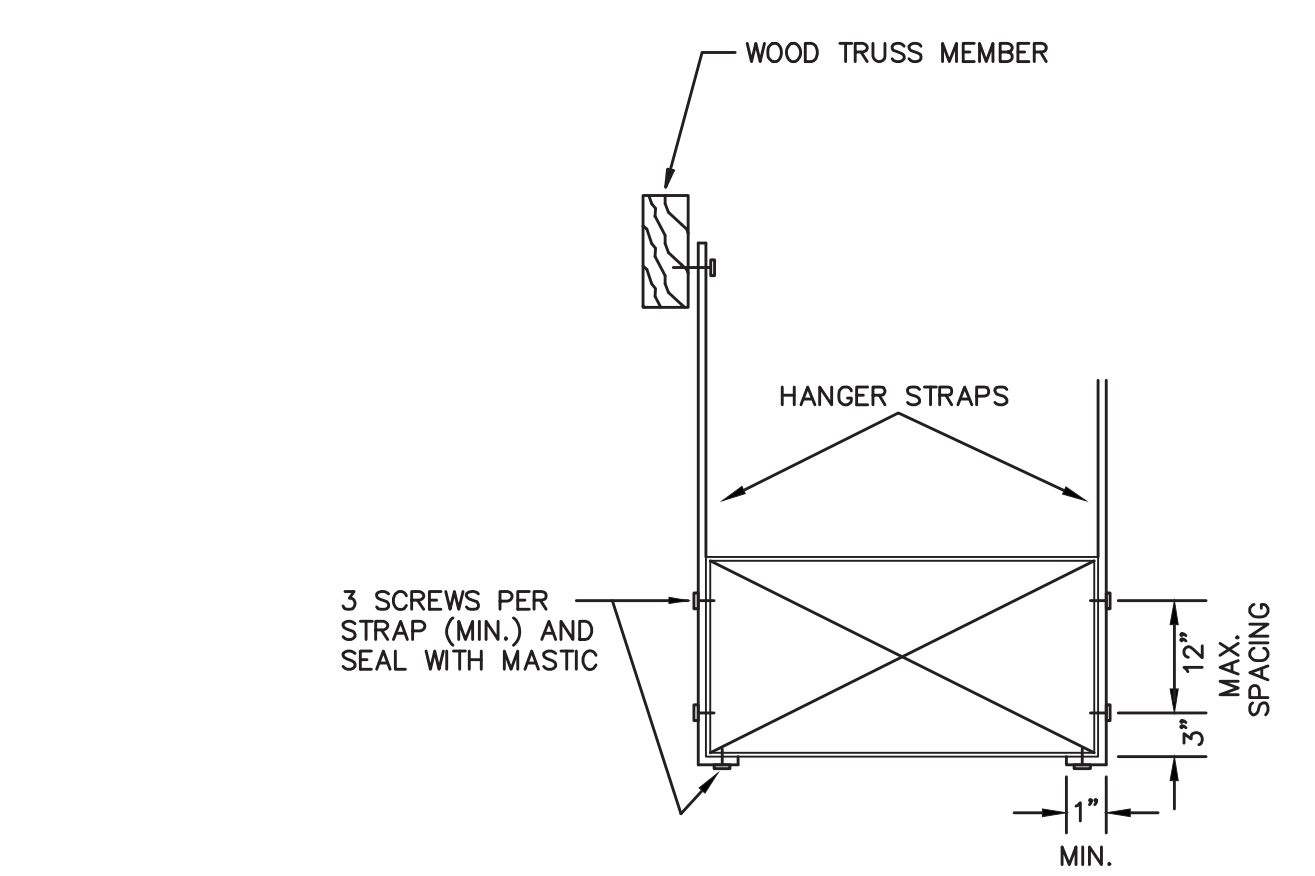
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**1 IN-LINE FAN DETAIL**  
 M-3 SCALE: NONE



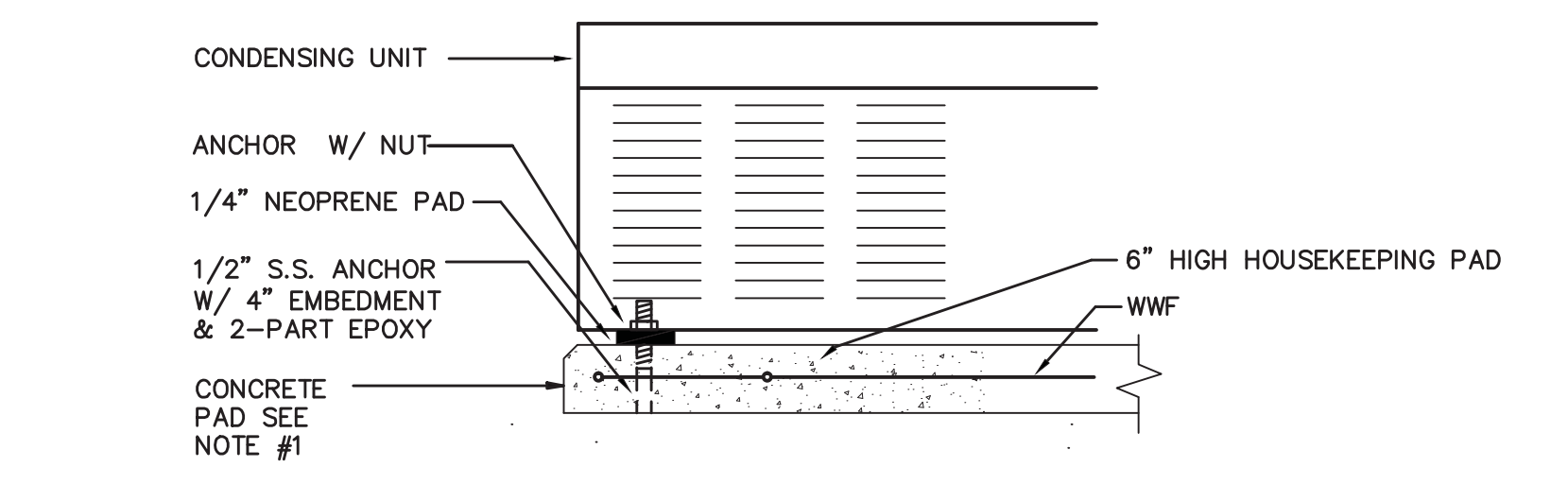
**2 DX AIR HANDLING DETAIL**  
 M-3 SCALE: NONE



**3 DUCT HANGING DETAIL**  
 M-3 SCALE: NONE

**DUCT HANGER NOTES:**

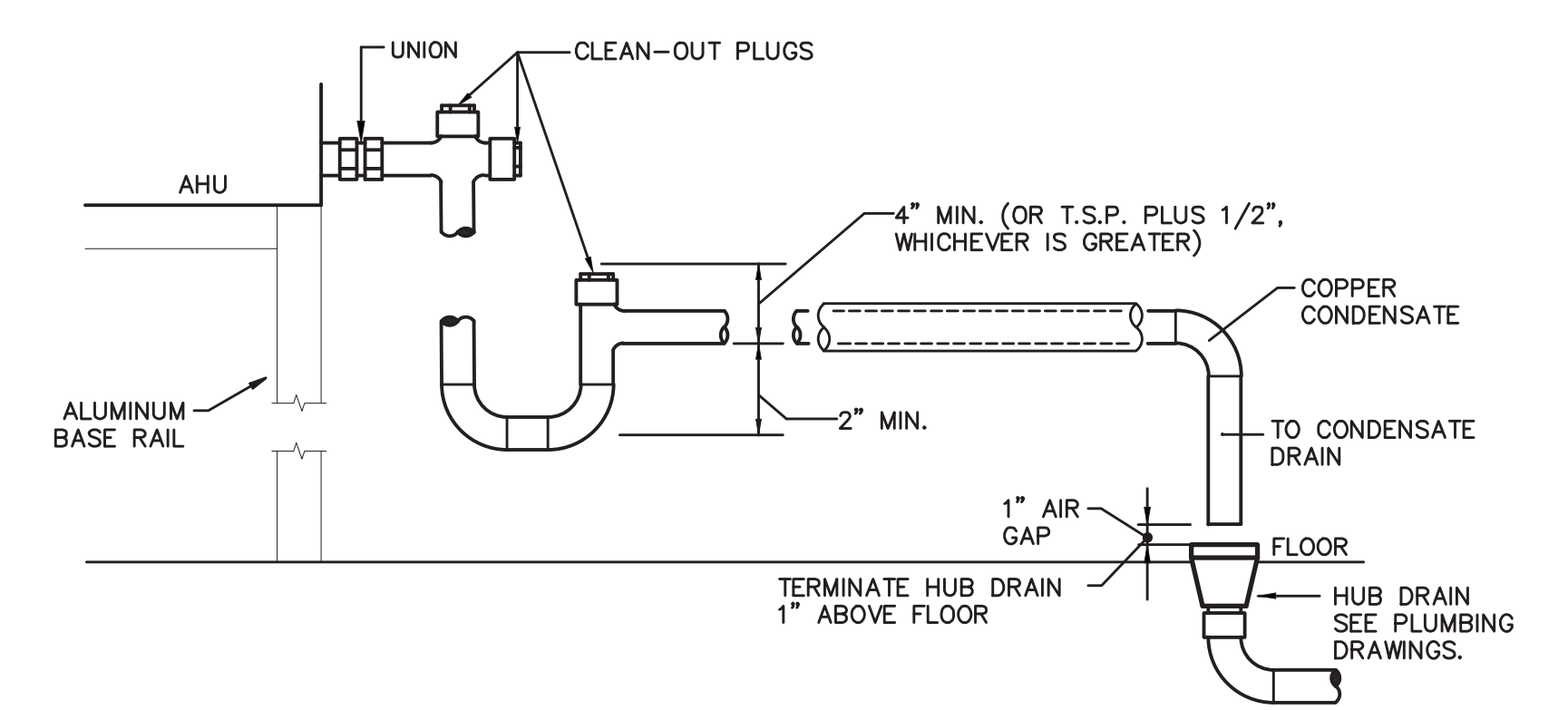
1. MAXIMUM SPACING BETWEEN HANGER LOCATIONS SHALL BE 8'-0" PER PAIR.
2. STRAPS SHALL BE MINIMUM 1 1/2" X 22 GAGE GALVANIZED STEEL, SEE "RECTANGULAR DUCT HANGERS", SMACNA TABLES 4-1, 4-2.



**4 CONDENSING UNIT SUPPORT DETAIL**  
 M-3 SCALE: NONE

**CONDENSING UNIT SUPPORT NOTES:**

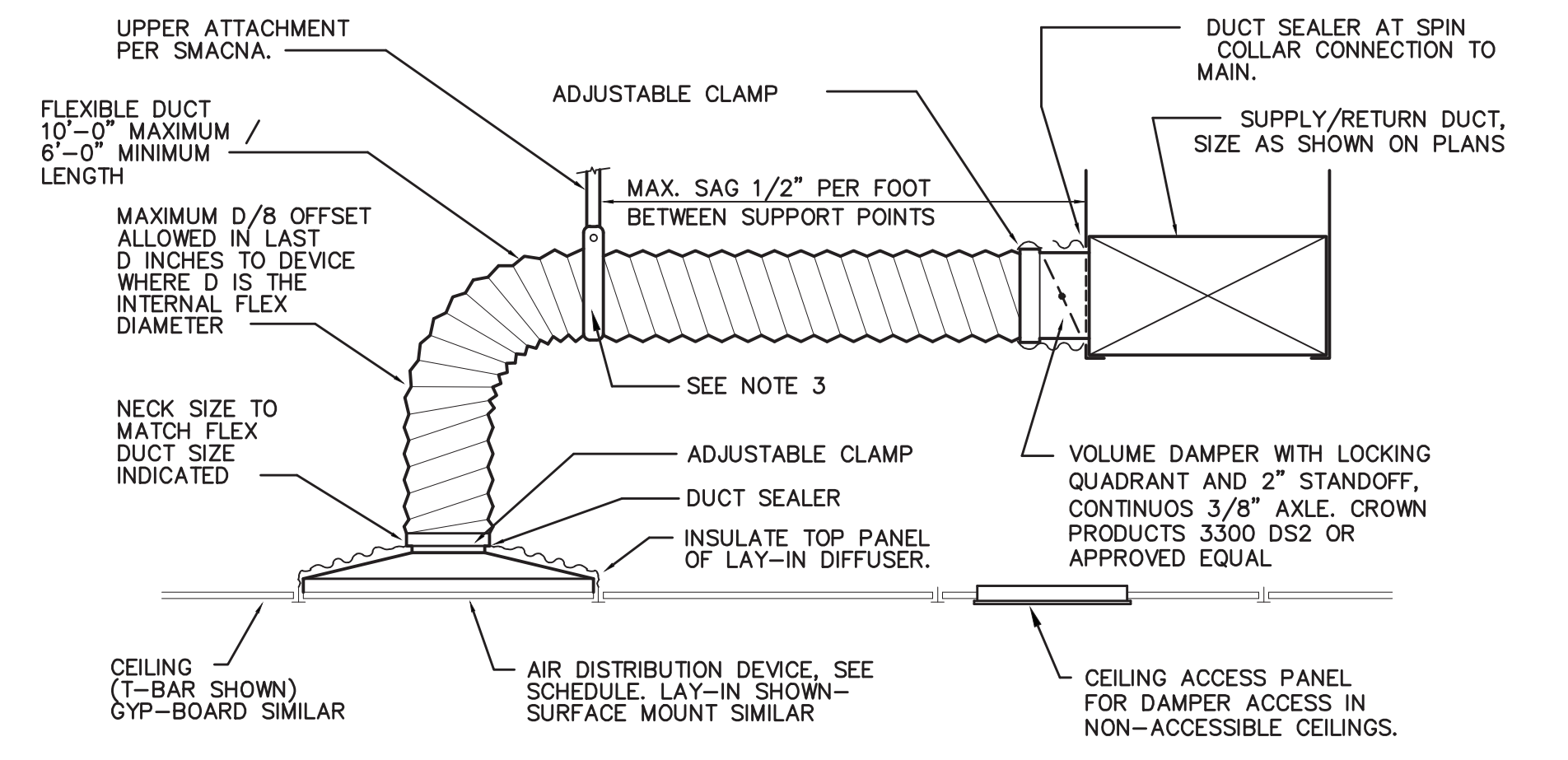
1. PAD SHALL BE 6" THICK, 3000 PSI CONCRETE WITH 6 X 6 - W 2.9 X W 2.9 WWF 12" THICKENED EDGE WITH 2 #5 REBAR CONTINUOUS.



**5 A.H.U. CONDENSATE DRAIN DETAIL**  
 M-3 SCALE: NONE

**AHU CONDENSATE DRAIN NOTES:**

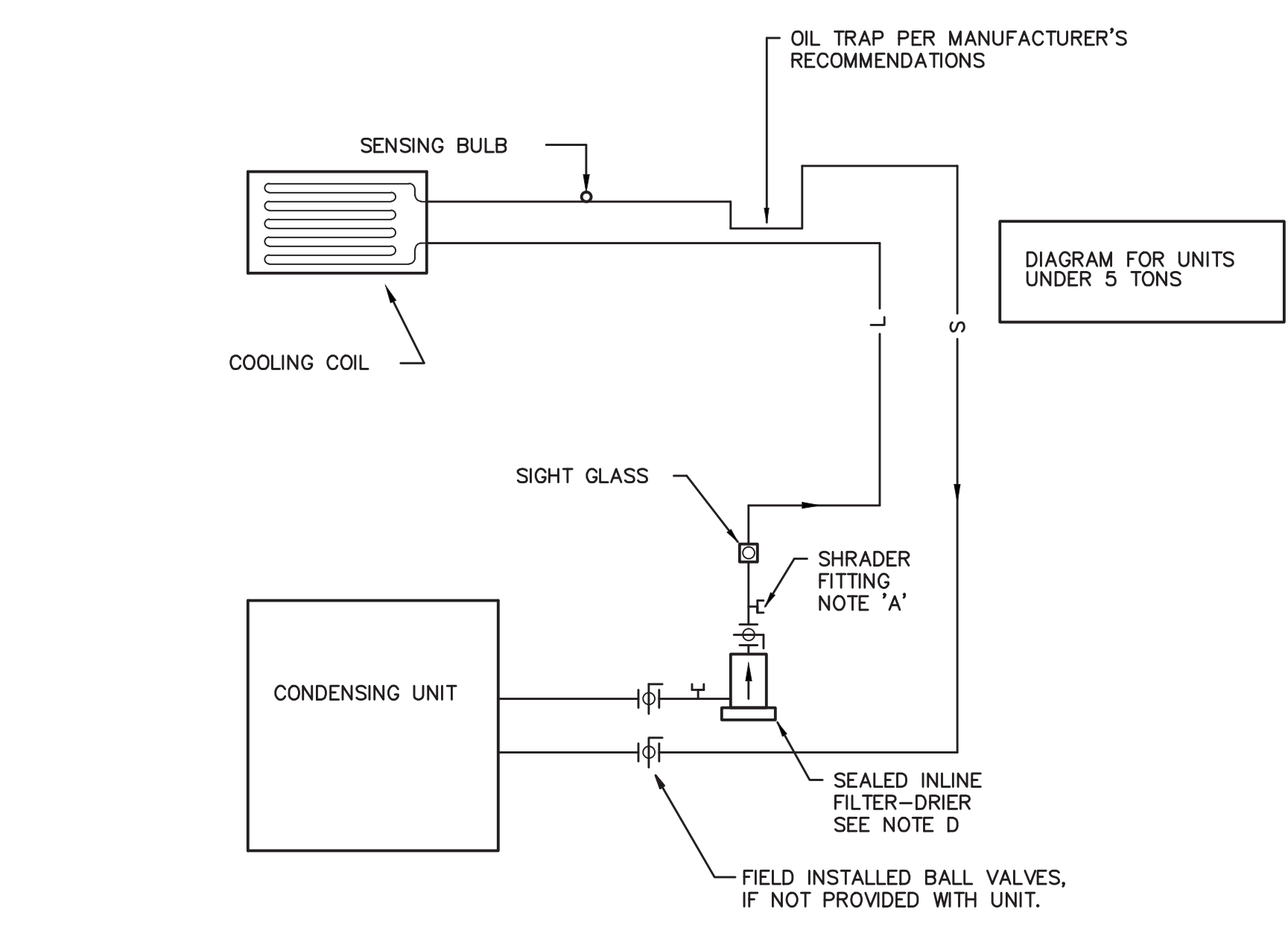
1. CONDENSATE DRAIN SHALL BE PIPED FULL SIZE OF UNIT CONNECTION.
2. CONDENSATE PIPING SHALL BE INSULATED PER SPECIFICATIONS.
3. CONDENSATE PIPING SHALL BE SUPPORTED FROM FLOOR AT 5'-0" (MIN) INTERVALS.



**6 FLEXIBLE DUCT DETAIL**  
 M-3 SCALE: NONE

**FLEXIBLE DUCT NOTES:**

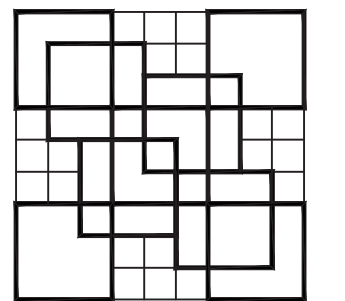
1. FLEXIBLE DUCTS SHALL BE ONE-PIECE AND SHALL NOT BE SPLICED TOGETHER.
2. EXTEND FLEXIBLE DUCT INSULATION TO DUCT/DIFFUSER PANEL INSULATION AND SEAL WITH MASTIC.
3. MINIMUM 1-1/2" WIDE 22 GAUGE GALVANIZED STRAP HANGER WITH HEMMED EDGES PER SMACNA
4. FLEXIBLE AIR DUCT SHALL BE FULLY EXTENDED AND NOT COMPRESSED WITH ELBOW RADIUS NO LESS THAN R/D = 1.0.



**7 REFRIGERANT PIPING SCHEMATIC**  
 M-3 SCALE: NONE

**REFRIGERANT PIPING NOTES:**

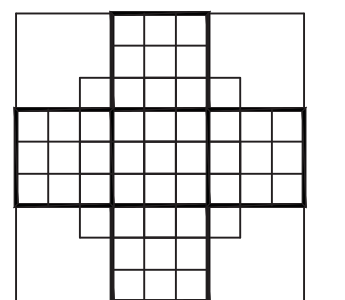
1. PROVIDE SHRADER FITTINGS IF NOT PROVIDED WITH CONDENSING UNIT. SHRADER FITTING SHALL BE INSTALLED DIRECTLY INTO PIPE; NO EXTENDED TUBES ALLOWED.
2. PROVIDE BALL VALVES IF NOT PROVIDED WITH CONDENSING UNIT.
3. ALL REFRIGERANT PIPING, ACCESSORIES, VALVES, ETC., SHALL BE INSTALLED IN COMPLIANCE WITH THE REFRIGERATION PIPING SCHEMATIC.
4. INSTALL ARMAFLEX TYPE "AP" 3/4" THICK FOAM PLASTIC INSULATION ON ALL SUCTION LINES FROM EACH CONDENSING UNIT TO THE AIR HANDLING UNIT COIL. ALL INSULATION SHALL BE INSTALLED WITH ARMSTRONG #520 ADHESIVE WITH 100% COVERAGE ON ALL BUTT JOINTS. INSULATION SHALL BE SLIPPED OVER PIPING IN ONE PIECE WITH NO LONGITUDINAL JOINTS.
5. WHERE REFRIGERANT INSULATION IS INSTALLED EXPOSED OUTSIDE, IT SHALL BE PAINTED WITH TWO COATS OF PAINT, CONTAINING UV INHIBITORS, AND IN ACCORDANCE WITH THE INSULATION MANUFACTURER'S RECOMMENDATIONS. ARMSTRONG WP OR EQUAL.
6. SLOPE ALL REFRIGERANT LINES TOWARD CONDENSING UNITS.



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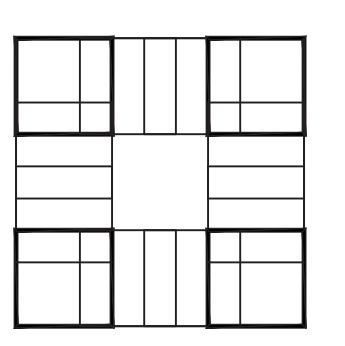
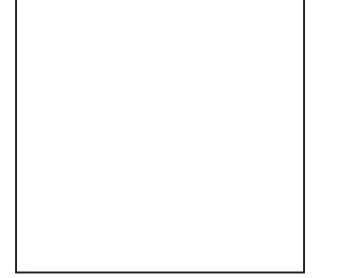
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**SHEET TITLE:  
 MECHANICAL  
 DETAILS**

**REVISIONS:**

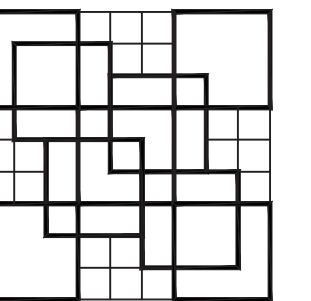
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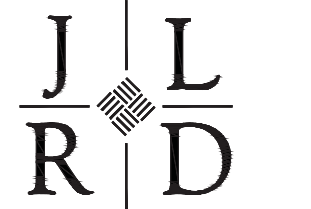
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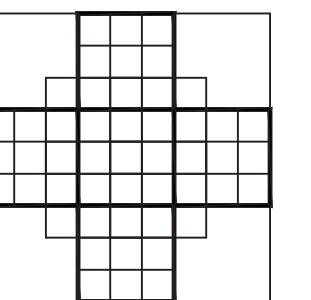
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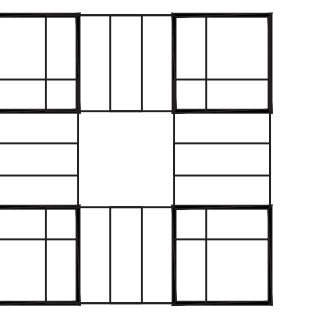
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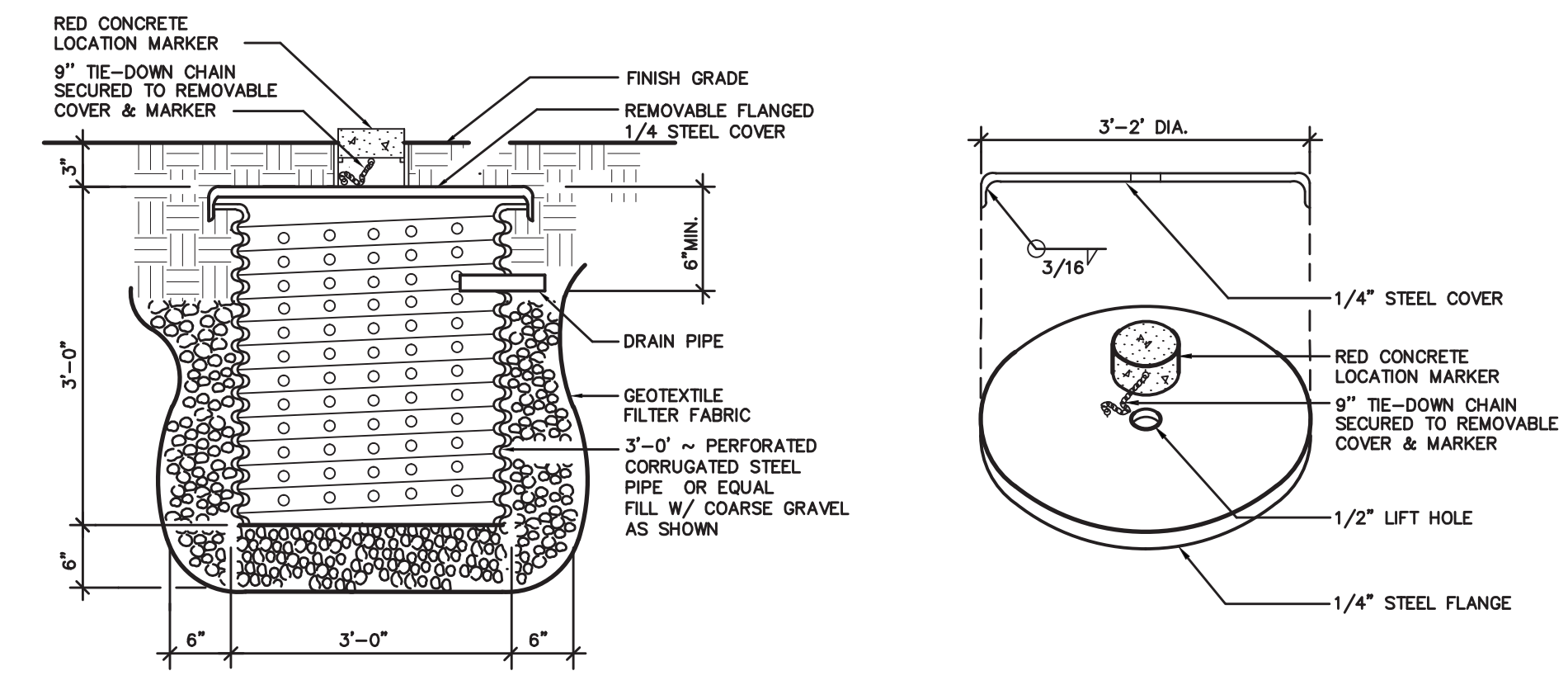


**SHEET TITLE:**  
**SANITARY PLAN  
 AND RISER  
 DIAGRAM**

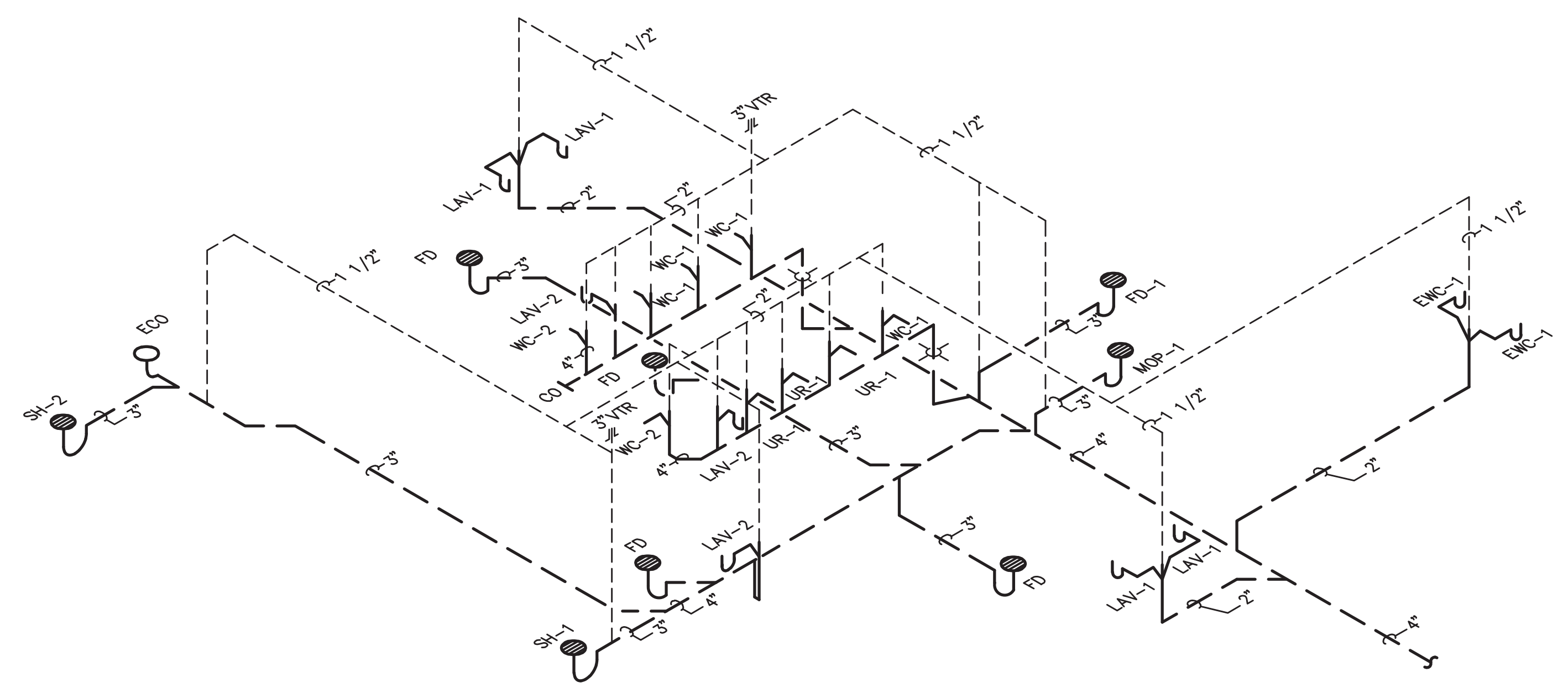
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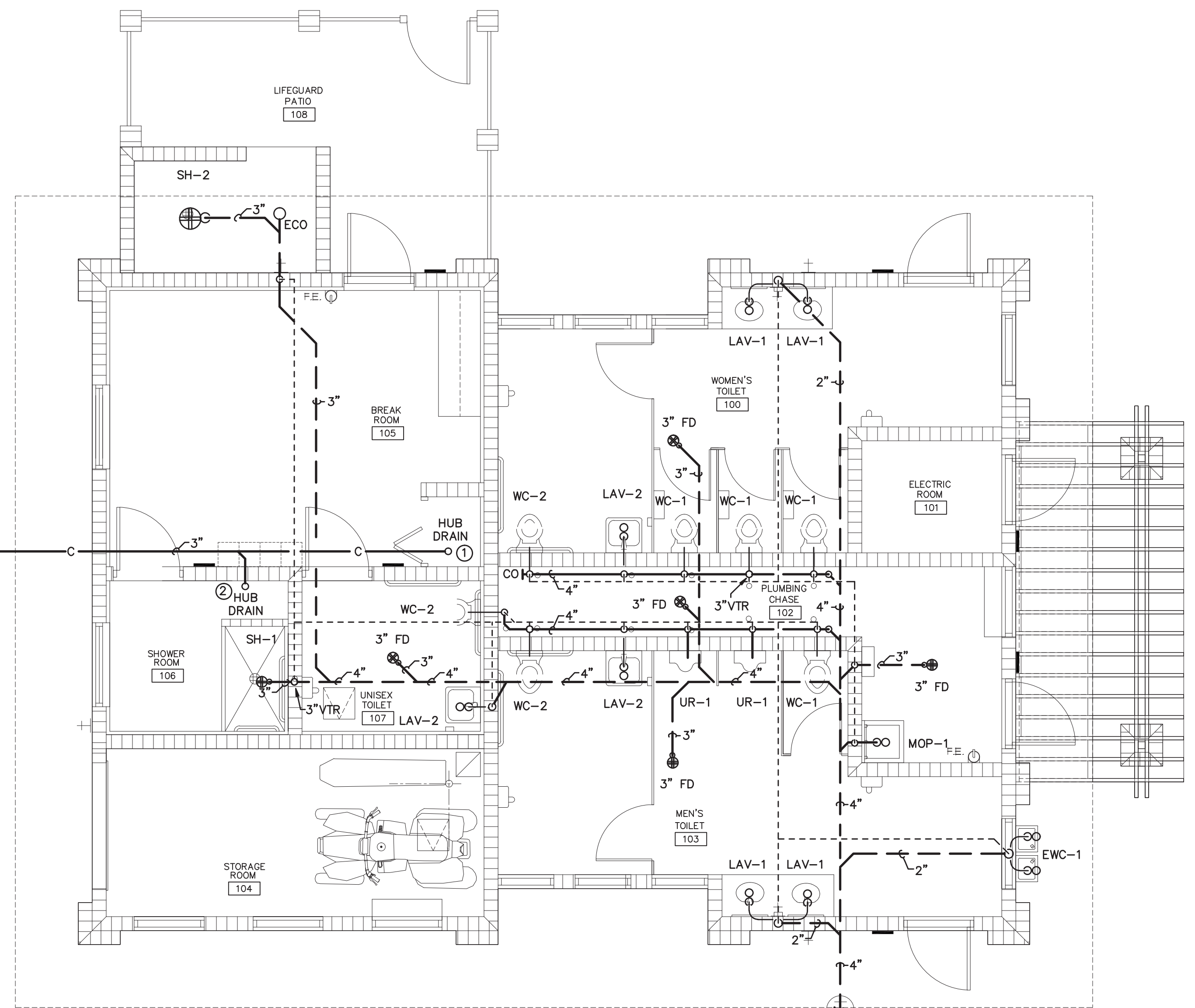
**SHEET  
 NUMBER:**  
**P-2**



**CONDENSATE DRYWELL**



**2 PLUMBING FLOOR PLAN - WASTE RISER DIAGRAM**  
 SCALE: 1/4"=1'-0"

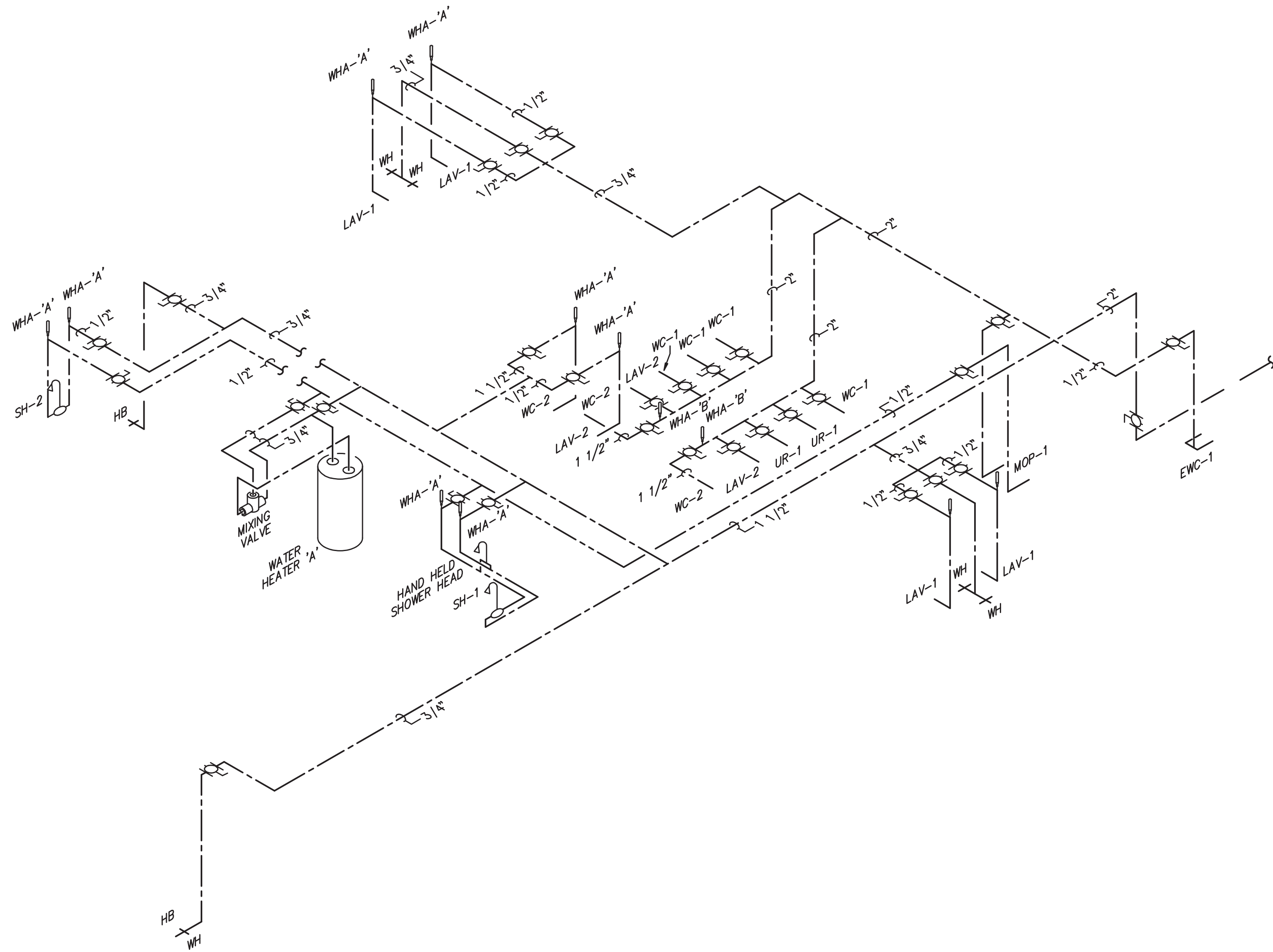


**1 PLUMBING FLOOR PLAN - WASTE PLAN**  
 SCALE: 1/4"=1'-0"

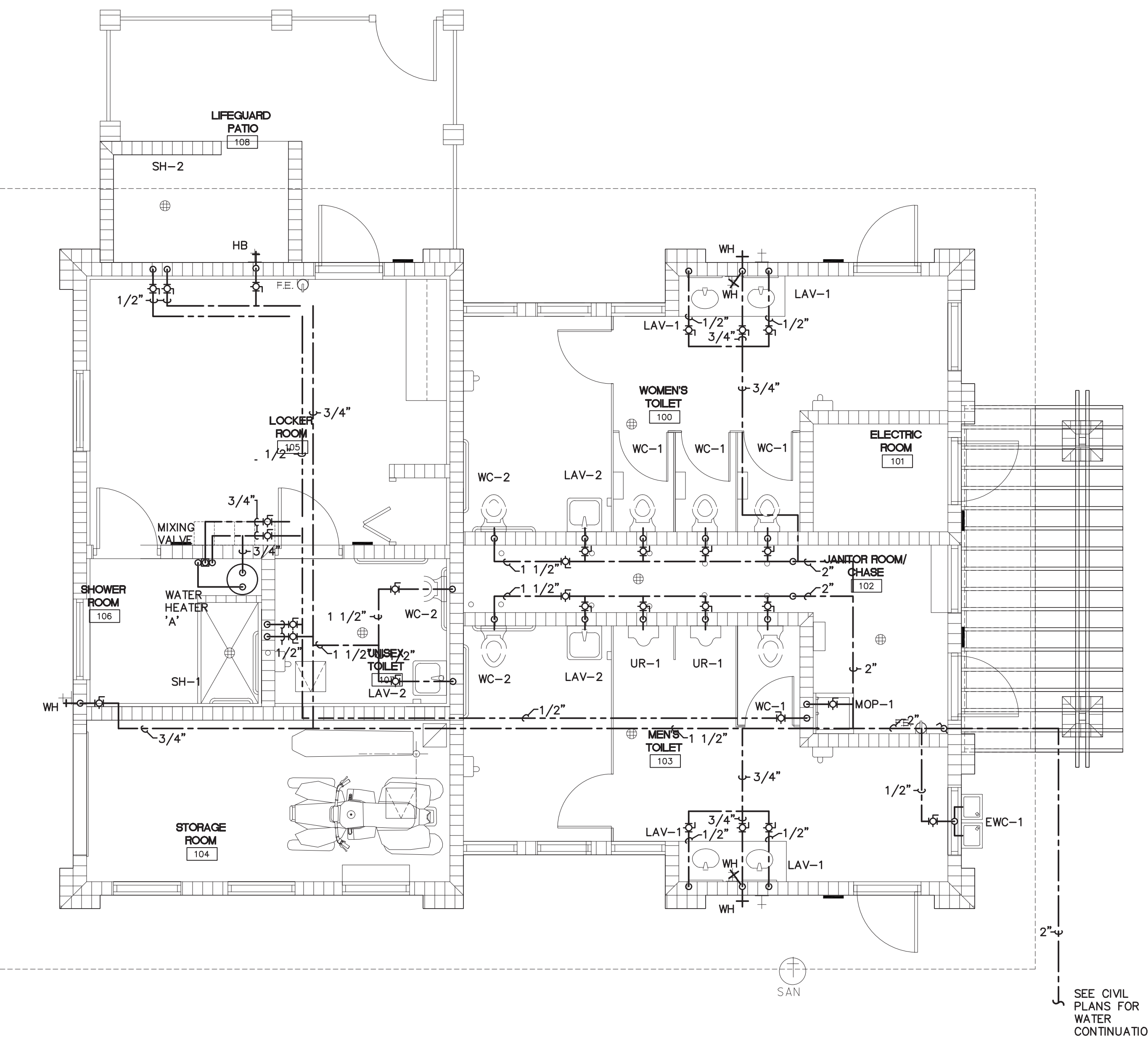
**NEW WORK NOTES**

- ① COORDINATE EXACT LOCATION OF HUB DRAIN WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- ② HUB DRAIN FOR DRAIN PAN AND PRESSURE RELIEF VALVE. COORDINATE EXACT LOCATION OF HUB DRAIN WITH WATER HEATER PRIOR TO INSTALLATION.

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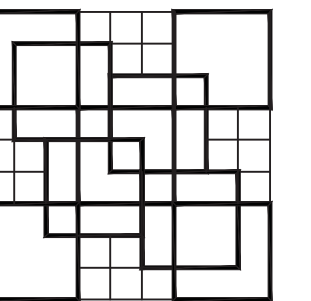


**1** PLUMBING FLOOR PLAN - WATER RISER DIAGRAM  
 P-3 SCALE: 1/4"=1'-0"

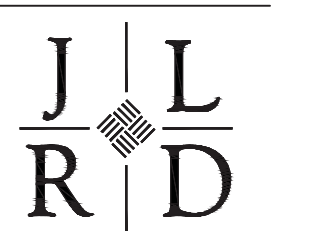


**1** PLUMBING FLOOR PLAN - WATER PLAN  
 P-3 SCALE: 1/4"=1'-0"

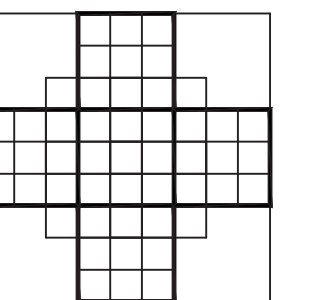
SEE CIVIL PLANS FOR WATER CONTINUATION.



**COLOME**  
 & Associates, Inc.  
 AA 0003439  
 8320 24TH STREET  
 WEST PALM BEACH  
 FLORIDA 33407  
 (561) 833-9147



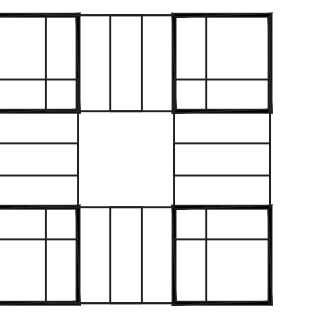
JOHNSON, LEVINSON  
 RAGAN, DAVILA, INC.  
 CONSULTING ENGINEERS  
 180 CONVENT ROAD, SUITE 100  
 WEST PALM BEACH, FLORIDA 33401  
 (561) 689-2313 (661) 689-2302 Fax  
 www.jlr.com  
 Certification Number 06599  
 Michael P. Linden, P.E. #58094  
 Charles C. Gableman, P.E. #51936



**P.B.C.**  
 R.G. KREUBLER PARK  
 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS  
 PBC NO 14204  
 2885 SOUTH OCEAN BLVD.

LAKE WORTH FLORIDA

PROJECT NO.  
 201402  
 JLRD NO.  
 115042



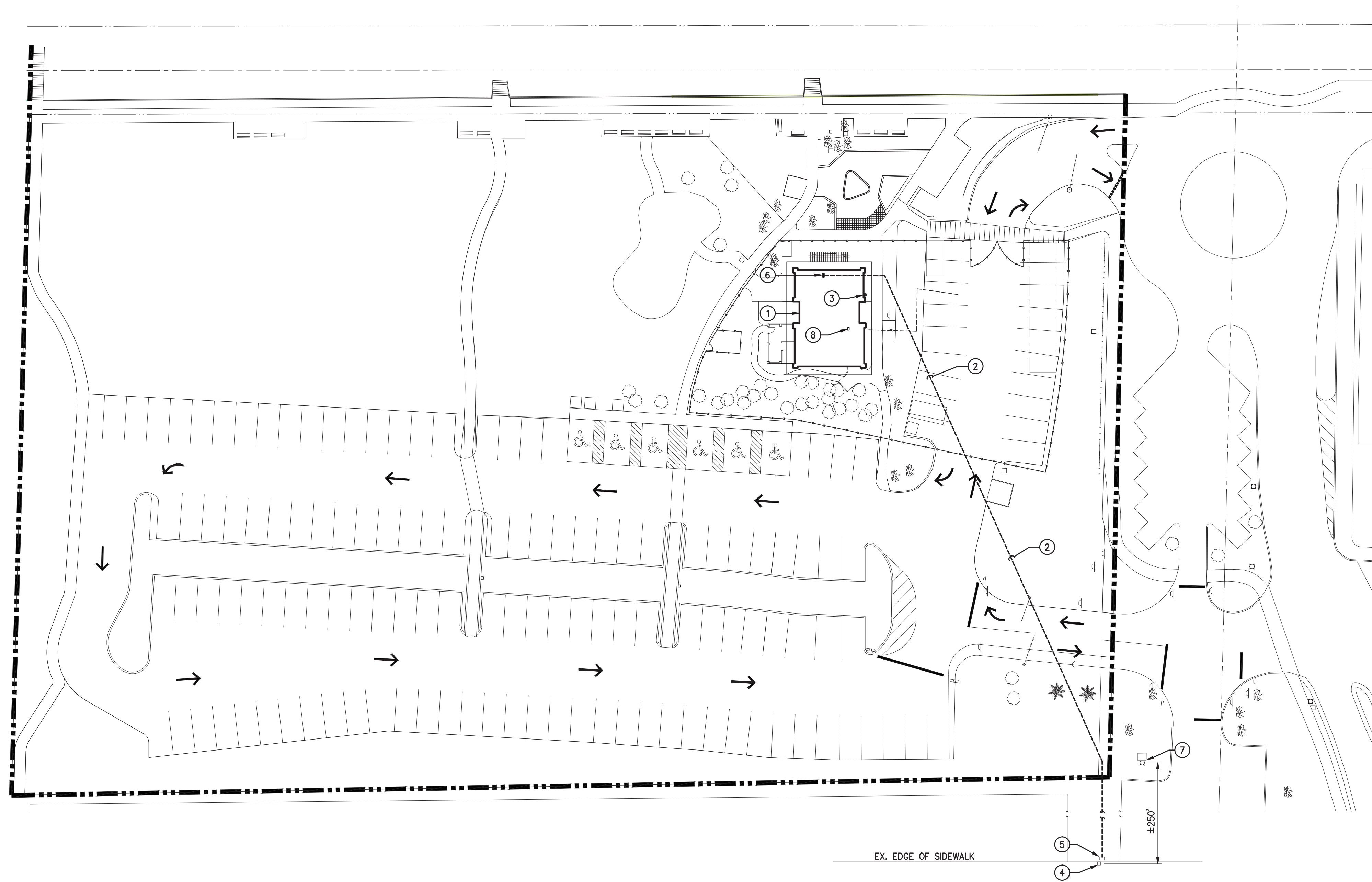
**SHEET TITLE:**  
 WATER PLAN AND  
 RISER DIAGRAM

**REVISIONS:**

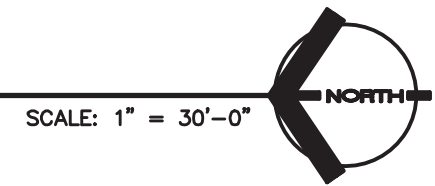
DATE  
 11/20/15  
 DRAWN BY:  
 RMT  
 CHECKED BY:  
 GBO

**SHEET**  
**NUMBER:**  
 P-3

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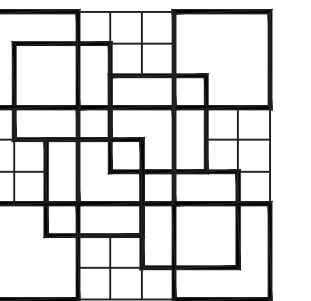
**1**  
E-1  
**PARTIAL ELECTRICAL SITE PLAN**



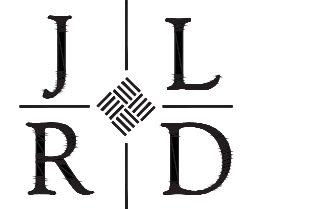
SCALE: 1" = 30'-0"

- PLAN NOTES:**
- 1 PROPOSED RESTROOM BLDG. SEE SHEET E-2 FOR LIGHTING AND POWER PLANS.
  - 2 NEW SECONDARY SERVICE ENTRANCE CONDUCTORS IN 2" CONDUIT TO RESTROOM BUILDING BY CONTRACTOR. CONTRACTOR SHALL DIRECTIONAL BORE (MIN. OF 36" BELOW GRADE) FROM EXISTING ELEC. HANDHOLE (SEE NOTE #5, BELOW) TO UTILITY METER.
  - 3 NEW UTILITY METER - COORDINATE EXACT LOCATION WITH FPL.
  - 4 EXISTING FPL POLE WITH 25KVA MOUNTED TRANSFORMER TO REMAIN. LOCATED APPROX. 250' DUE WEST FROM INDICATED LIGHT POLE ALONG THE EAST SIDE OF OCEAN BLVD. CONTRACTOR SHALL FIELD LOCATE.
  - 5 EXISTING ELECTRICAL HANDHOLE.
  - 6 APPROXIMATE LOCATION OF PANEL 'L' IN ELECTRICAL ROOM.
  - 7 EXISTING LIGHTING POLE, SHOWN FOR REFERENCE ONLY.
  - 8 APPROXIMATE LOCATION OF EXISTING IRRIGATION PUMP CONTROLLER. RELOCATE CONTROLLER, TEMPORARILY TO SECURED/FENCED AREA DURING DEMOLITION AND CONSTRUCTION WITH FINAL LOCATION TO BE DETERMINED BY OWNER. REWORK/EXTEND EXISTING VALVE CONTROL WIRES AS REQUIRED AND RECONNECT FROM 120V POWER CIRCUIT. CONTRACTOR SHALL FIELD COORDINATE.

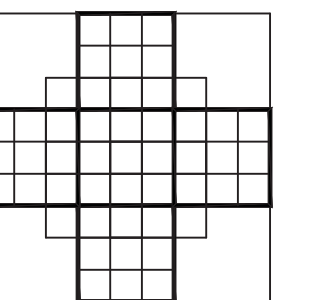
DRAWING LIST	
SHEET NO.	DESCRIPTION
E-1	PARTIAL ELECTRICAL SITE PLAN
E-2	LIGHTING, POWER AND SYSTEMS PLAN
E-3	SCHEDULES, LEGEND AND DETAILS
E-4	RISER DIAGRAMS



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(561) 833-9147



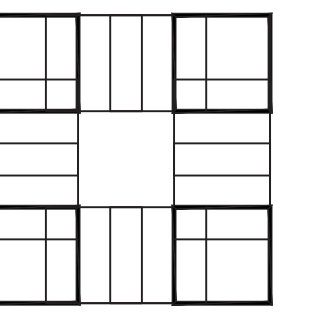
**JOHNSON, LEVINSON  
RAGAN, DAVILA, INC.**  
CONSULTING ENGINEERS  
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Certification Number 60599  
Michael P. Linden, P.E. #58094  
Charles C. Gableman, P.E. #51936



**F. B. C.**  
R.G. KREUBLER PARK  
RESTROOM BUILDING  
AND ENTRY DRIVE  
MODIFICATIONS  
PBC NO 14204  
2886 SOUTH OCEAN BLVD.

LAKE WORTH  
FLORIDA

PROJECT NO.  
201402  
JLRD NO.  
115042



SHEET TITLE:  
**PARTIAL  
ELECTRICAL SITE  
PLAN**

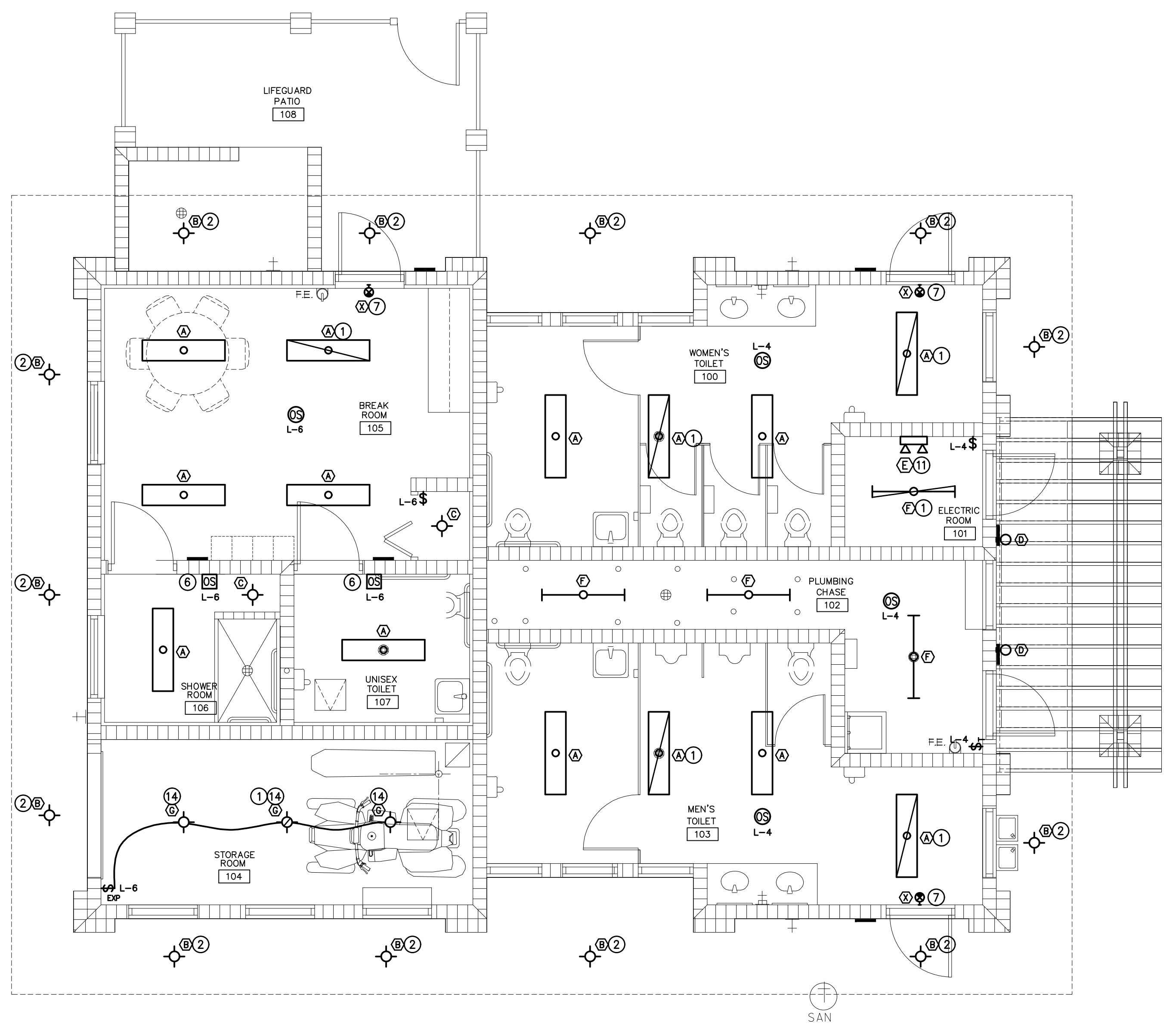
**REVISIONS:**

DATE  
11/20/15  
DRAWN BY:  
JDY  
CHECKED BY:  
CCG

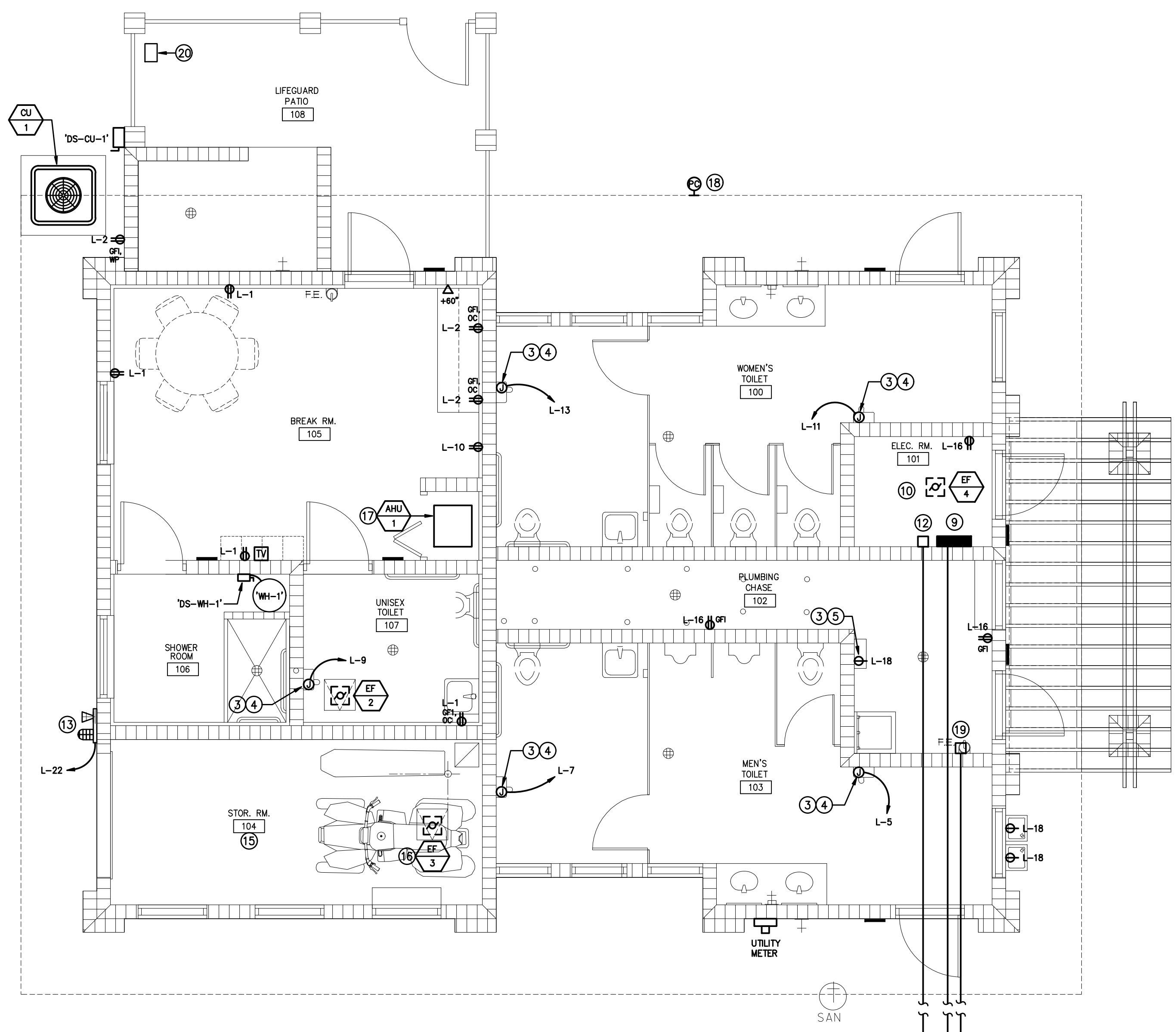
SHEET  
NUMBER

**E-1**

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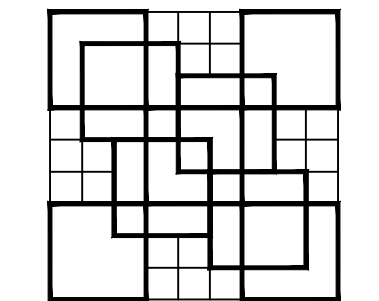


**1 LIGHTING FLOOR PLAN - RESTROOM BLDG.**  
 SCALE: 1/4" = 1'-0"  
 NORTH

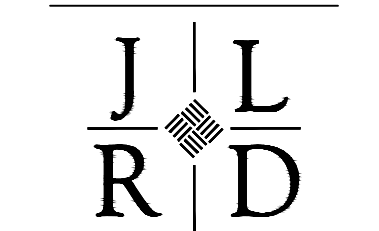


**2 POWER AND SYSTEMS FLOOR PLAN - RESTROOM BLDG.**  
 SCALE: 1/4" = 1'-0"  
 NORTH

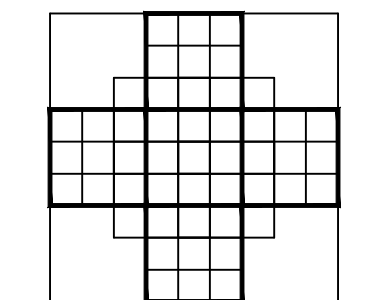
- PLAN NOTES:**
- 1 FIXTURE WITH EMERGENCY BATTERY BALLAST, CONNECT AHEAD OF LOCAL SWITCHING DEVICES.
  - 2 CONNECT FIXTURE TO CIRCUIT 'L-8' VIA CONTACTOR 'CT-TC'. REFER TO LIGHTING CONTROL DIAGRAM, 2/E-3 FOR LIGHTING CIRCUIT.
  - 3 FIELD COORDINATE EQUIPMENT LOCATION AND VERIFY ELECTRICAL REQUIREMENTS WITH MANUF. AND ADJUST CIRCUIT ACCORDINGLY.
  - 4 J-BOX FOR HAND DRYER. PROVIDE DISCONNECT FOR HAND DRYER IF NOT INTEGRAL TO DRYER. COORDINATE LOCATION WITH ARCHITECTURAL DWGS.
  - 5 DEDICATED RECEPTACLE FOR REMOTE DRINKING FOUNTAIN CHILLER. LOCATE WITHIN ENCLOSURE.
  - 6 OCCUPANCY SENSOR TO ENERGIZE LIGHTING FIXTURE AND EXHAUST FAN.
  - 7 CONNECT EXIT LIGHT TO CIRCUIT 'L-12', UNSWITCHED.
  - 8 STUB OUT (6) 2" PVC CONDUITS; (2) FROM PANEL 'L-1', (2) FROM 'CT-TC' AND (2) FROM CORNER OF ROOM FOR FUTURE TELCOM. TO 10' MINIMUM OUTSIDE OF CONCRETE WALKWAY. CAP AND ELECTRONICALLY MARK OUTSIDE END.
  - 9 PANEL 'L' - 120/240V, 1Ø, 3W
  - 10 LAYOUT EQUIPMENT TO COMPLY WITH NEC WORK CLEARANCES.
  - 11 CONNECT EMERGENCY BATTERY UNIT TO LOCAL LIGHTING CIRCUIT UNSWITCHED.
  - 12 TIMECLOCK 'TC' AND LIGHTING CONTACTORS 'CT-TC'.
  - 13 WARNING LIGHT/ALARM NOTIFICATION PANEL. CONNECT TO 120V, 20A, 1P BREAKER, CIRCUIT 'L-22' W/2#12, 1#12G - 3/4"C.
  - 14 USE EXPLOSION PROOF FIXTURE WITH EXPLOSION PROOF WIRING AND CONNECTIONS IN THIS ROOM.
  - 15 USE EXPLOSION PROOF WIRING METHODS IN THIS ROOM.
  - 16 IN-LINE EXPLOSIONPROOF EXHAUST FAN. USE EXPLOSION PROOF WIRING METHODS.
  - 17 AHU WITH INTEGRAL DISCONNECT. CONNECT TO CIRCUIT 'L-35,37' VIA 2#12, 1#12G - 3/4"C.
  - 18 PHOTOCELL FOR EXTERIOR LIGHTING CONTACTOR 'CT-TC'.
  - 19 IRRIGATION TIME CLOCK. CONNECT TO CKT. 'L-21'. CONTRACTOR SHALL FIELD VERIFY LOCATION.
  - 20 IRRIGATION CONTROLLER, RELOCATED HERE TEMPORARILY UNTIL FINAL LOCATION IS DETERMINED BY OWNER. PROVIDE ALL REQ'D. ELECTRICAL.



**COLOME & Associates, Inc.**  
 AA 0003439  
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 WEST PALM BEACH  
 FLORIDA 33411  
 (561) 833-9147



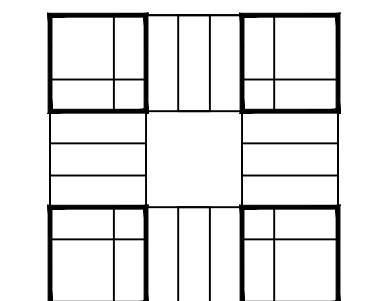
**JOHNSON, LEVINSON  
 RAGAN, DAVILA, INC.**  
 CONSULTING ENGINEERS  
 1800 Connaught Boulevard, Suite 100  
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 (561) 689-2313 (Tel) (561) 689-2312 Fax  
 www.jlr.com  
 Certification Number 06599  
 Michael P. Linden, P.E. #98094  
 Charles C. Gableman, P.E. #31916



**P.B.C.**  
 R.Q. KREUBLER PARK  
 RESTROOM BUILDING  
 AND ENTRY DRIVE  
 MODIFICATIONS  
 PBC NO 14204  
 2885 SOUTH OCEAN BLVD.

LAKE WORTH  
 FLORIDA

PROJECT NO.  
 201402  
 JLRD NO.  
 115042



**SHEET TITLE:**  
 LIGHTING, POWER  
 AND SYSTEMS  
 PLAN

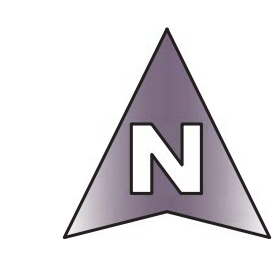
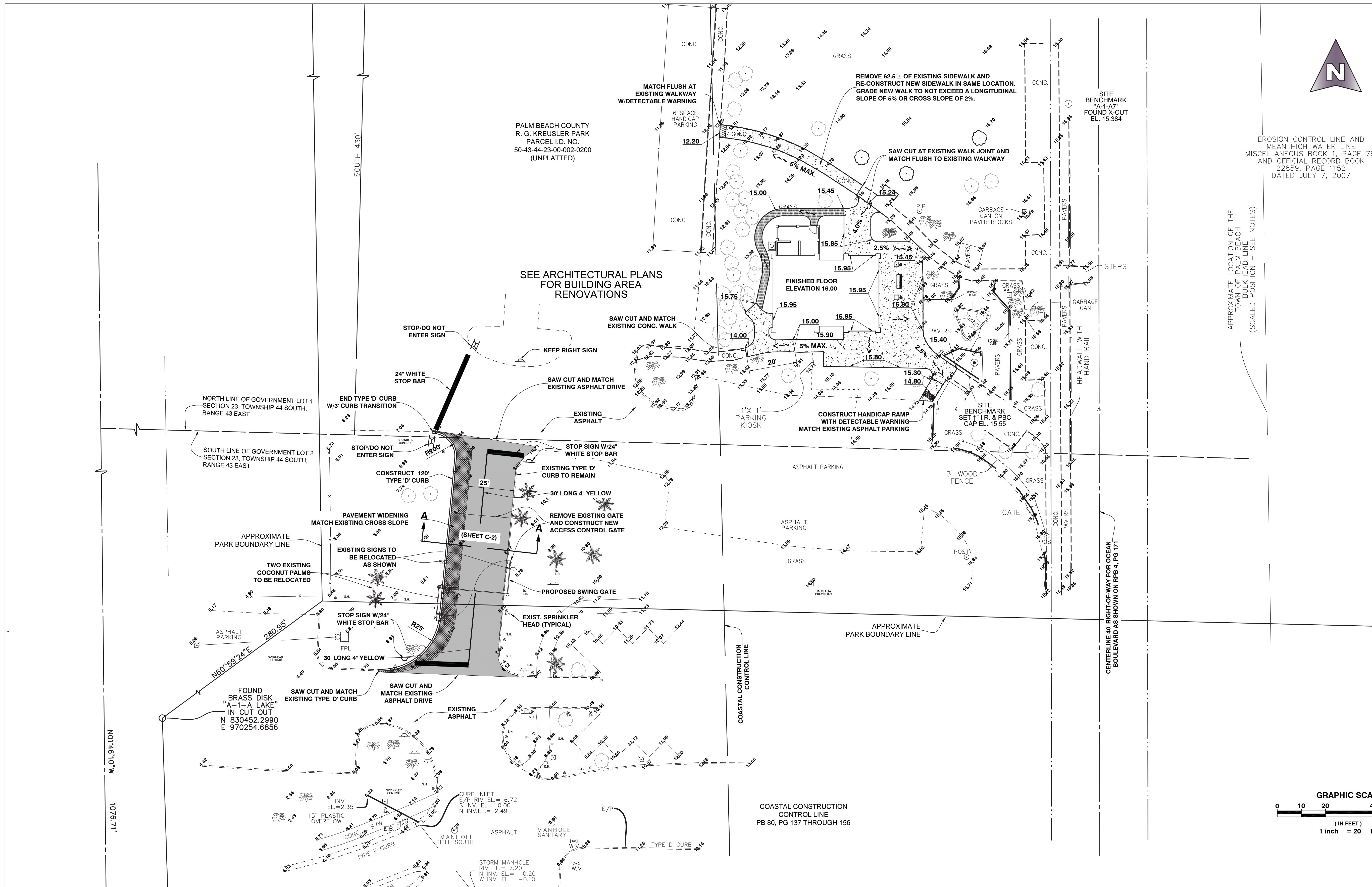
**REVISIONS:**

DATE  
 1/20/15  
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 JDY  
 CHECKED BY:  
 CCG

**SHEET  
 NUMBER:**

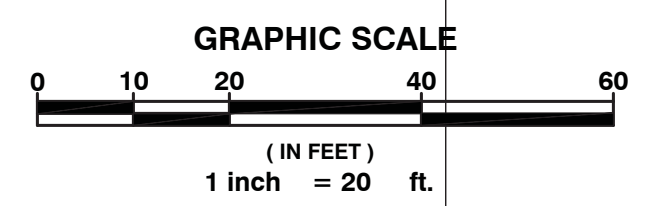
**E-2**





EROSION CONTROL LINE AND MEAN HIGH WATER LINE  
 MISCELLANEOUS BOOK 1, PAGE 76;  
 AND OFFICIAL RECORD BOOK  
 22859, PAGE 1152  
 DATED JULY 7, 2007

APPROXIMATE LOCATION OF THE  
 TOWN OF PALM BEACH  
 BULKHEAD LINE  
 (SCALED POSITION - SEE NOTES)



**LEGEND:**

[Patterned Box] NEW PAVEMENT AND BASEROCK

[Solid Grey Box] ASPHALT OVERLAY

100% DOCUMENT 8/17/15

FREDERICK ROTH, JR., P.E.  
 FLORIDA LICENSE # 18991  
 FOR MICHAEL B. SCHORAH  
 AND ASSOCIATES, INC.

**MICHAEL B. SCHORAH & ASSOCIATES, INC.**  
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 EB# 2438 FAX. (561) 642-9726 LB# 2438  
 WWW.SCHORAH.COM  
 1850 FOREST HILL BLVD., SUITE 206  
 WEST PALM BEACH, FLORIDA 33406



SHEET TITLE:  
 ROADWAY ALTERATION PLAN

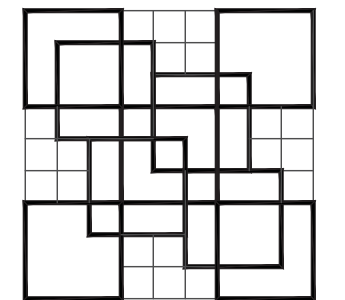
REVISIONS:  
 10/26/15 PER RED LINED COMMENTS

DATE  
 6/4/15  
 DRAWN BY:  
 MV  
 CHECKED BY:  
 FR

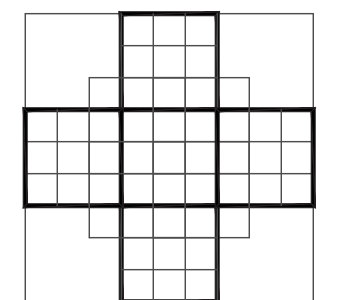
SHEET NUMBER:  
 C-1

ROADWAY ALTERATION PLAN

SCALE: 1"=20'-0"



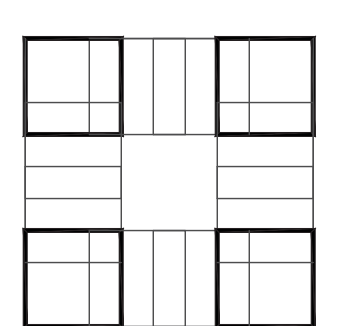
COLOME'  
 & Associates, Inc.  
 AA 0003439  
 530 24TH STREET  
 WEST PALM BEACH  
 FLORIDA 33407  
 (561) 833-9147  
 ARCHITECT: ELIZABETH A. G. COLOME'  
 REG. NUMBER: AR 0014839



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 R.G. KREUSLER PARK  
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 AND ENTRY DRIVE  
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 2885 SOUTH OCEAN BLVD.

LAKE WORTH  
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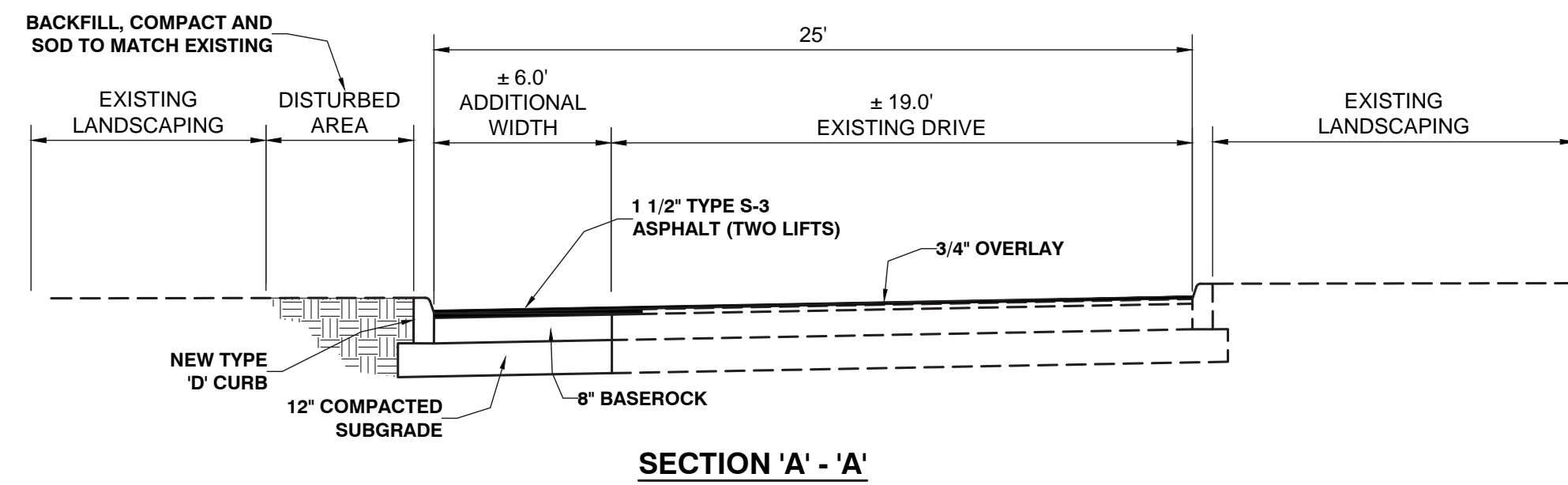
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 ROADWAY ALTERATION PLAN

REVISIONS:  
 10/26/15 PER RED LINED COMMENTS

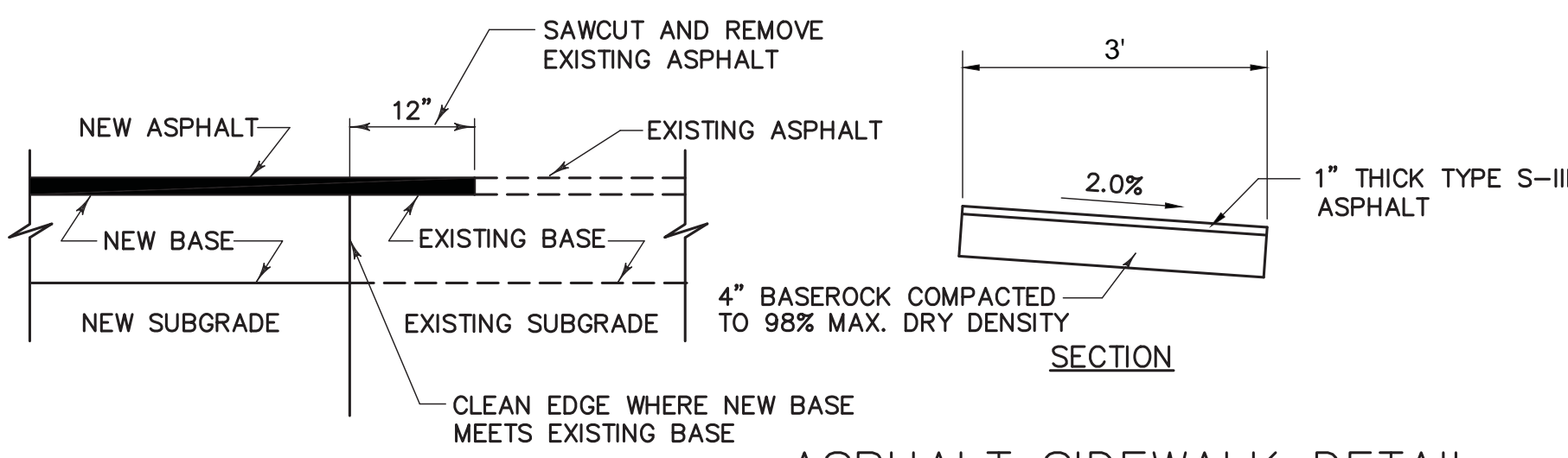
DATE  
 6/4/15  
 DRAWN BY:  
 MV  
 CHECKED BY:  
 FR

SHEET NUMBER:  
 C-1

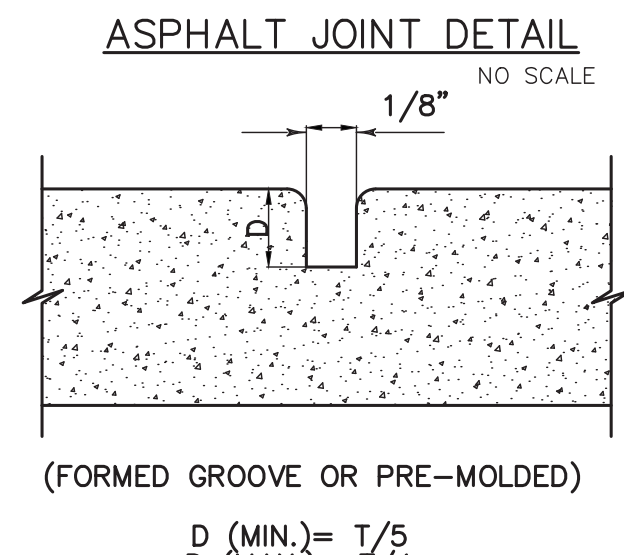




SECTION 'A' - 'A'



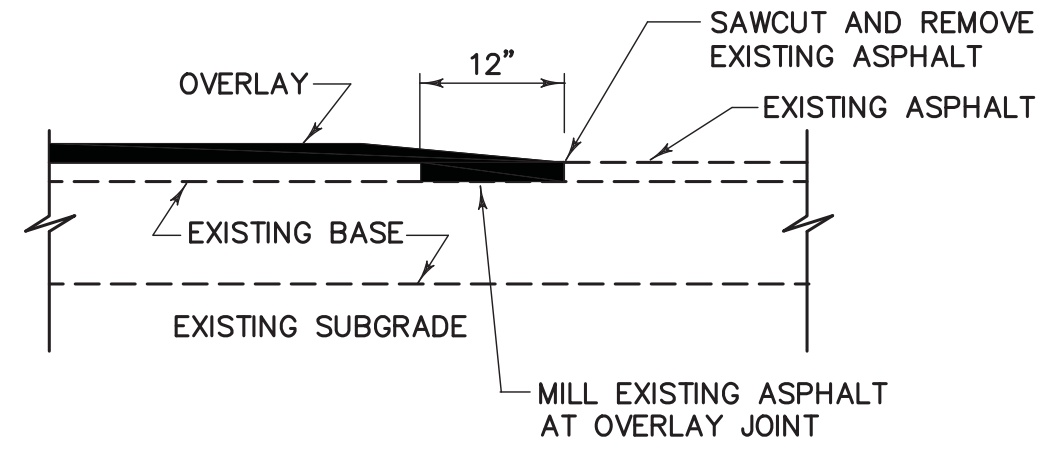
ASPHALT SIDEWALK DETAIL



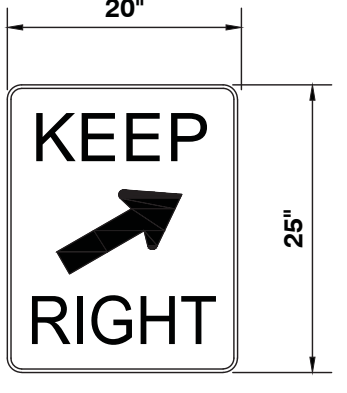
ASPHALT JOINT DETAIL

D (MIN.) = 1/5  
D (MAX.) = 1/4

GROOVE JOINT NO SCALE

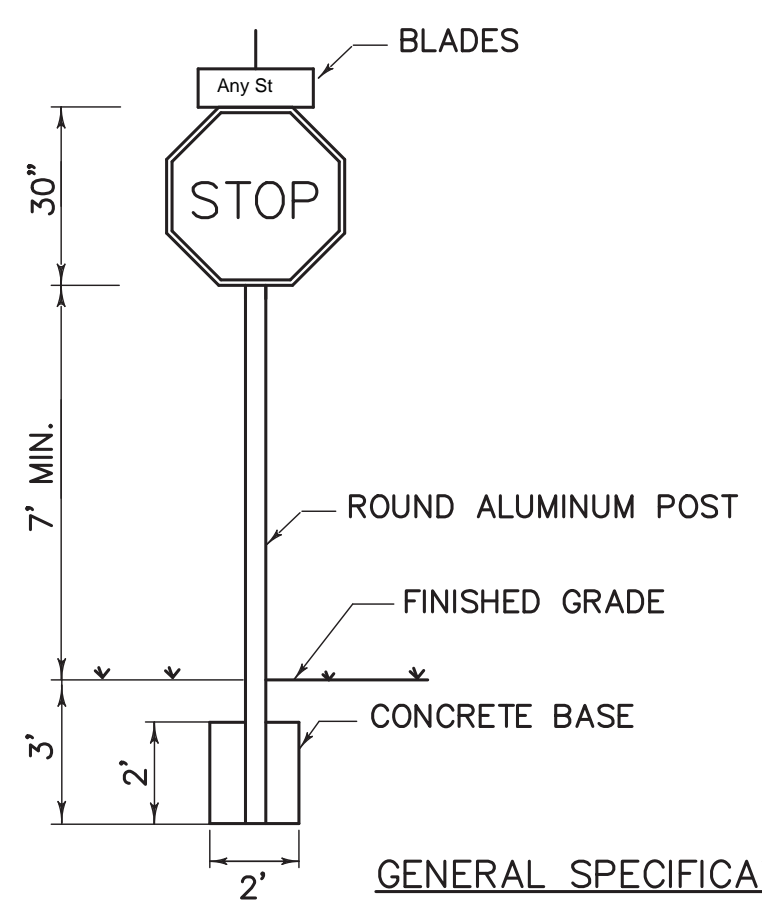


OVERLAY JOINT DETAIL NO SCALE



R04-07B

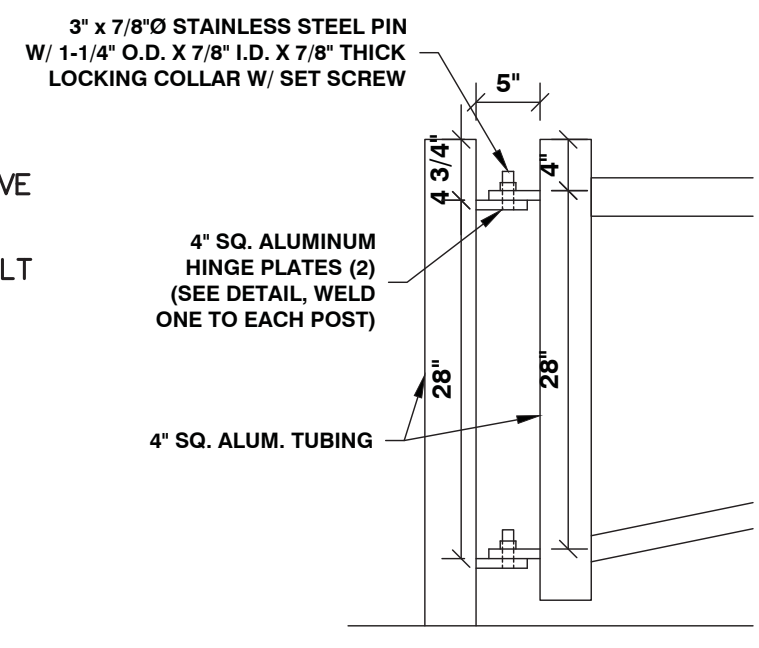
KEEP RIGHT SIGN DETAIL



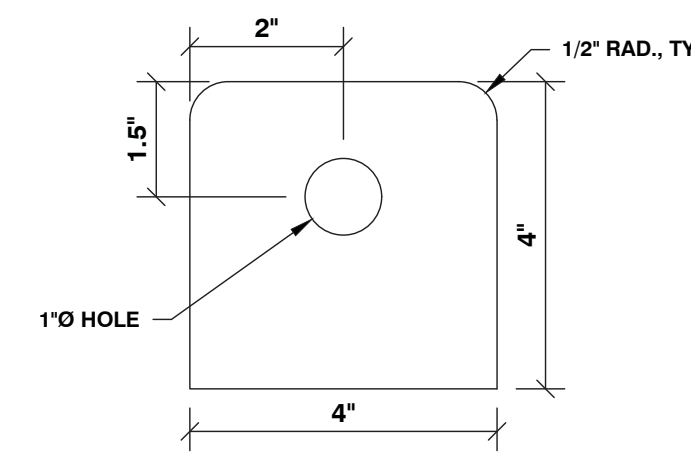
GENERAL SPECIFICATIONS:

EXT. BLADE: ALCOA NO.86054,6063-T6 ALLOY, ETCHED DECREASED DEBURRED, WITH NO.1200 ALODINE FINISH WITH #3877 GREEN HIGH INTENSITY BACKGROUND OR EQUAL. DIMENSIONS - 9" HEIGHT, 24", 30" OR 36" LENGTHS.  
LETTERS: NAME - 6" SERIES "B" #3870 HIGH INTENSITY (SILVER) OR EQUAL. SUFFIX - 4 1/2" SERIES AS ABOVE.  
ROUND ALUMINUM PER F.D.O.T. INDEX 11860.  
BASE: 2000 P.S.I. CONCRETE  
STOP SIGN: RI-1 MUTCD - 30" X 30" (HIGH INTENSITY)

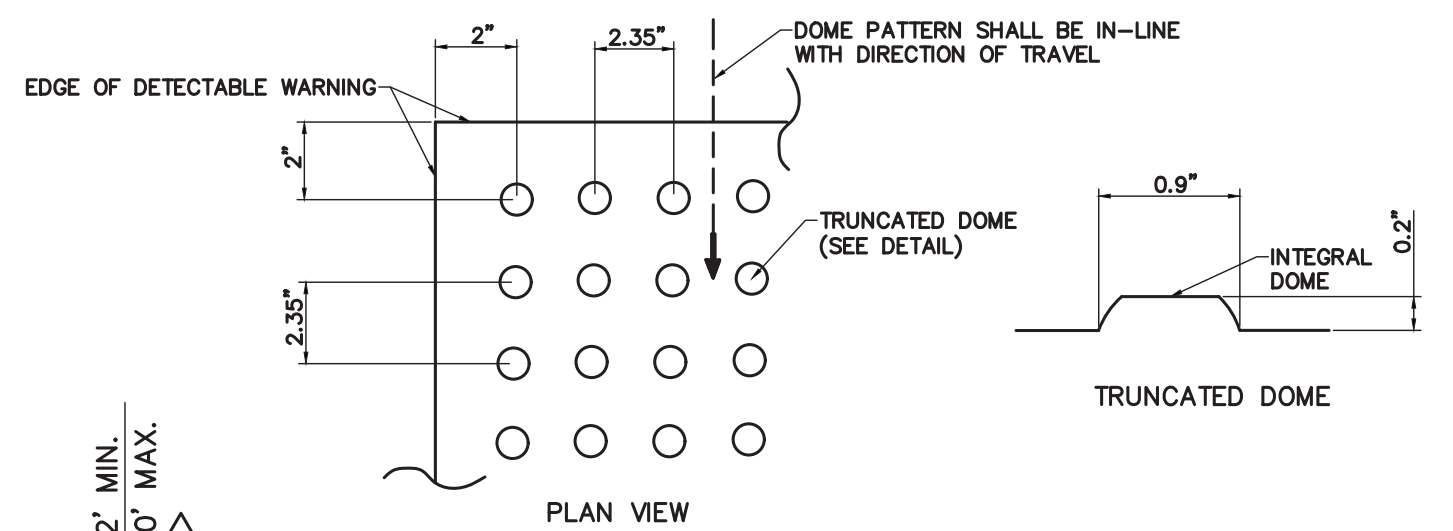
STOP/STREET SIGN DETAILS NO SCALE



HINGE DETAIL N.T.S.

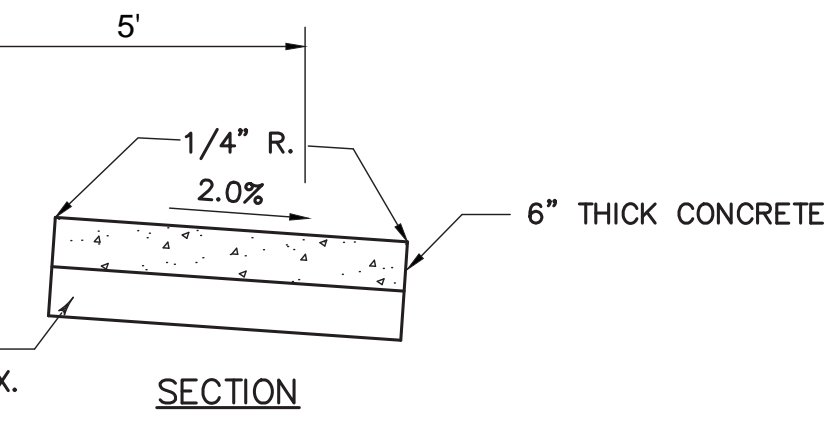


HINGE PLATE DETAIL N.T.S.

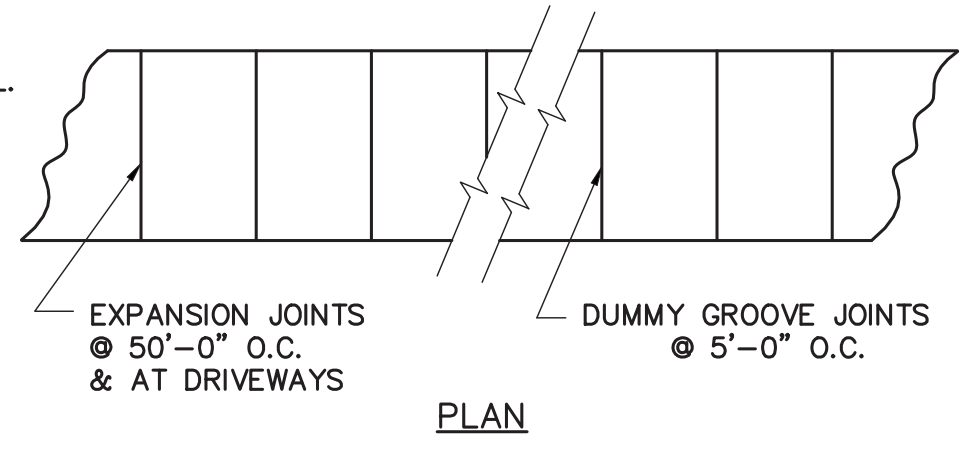


PLAN VIEW CURB RAMP DETECTABLE WARNING

ALL DETECTABLE WARNINGS SHALL BE OF THE TYPE THAT WILL BE EMBEDDED IN THE FRESHLY POURED CONCRETE

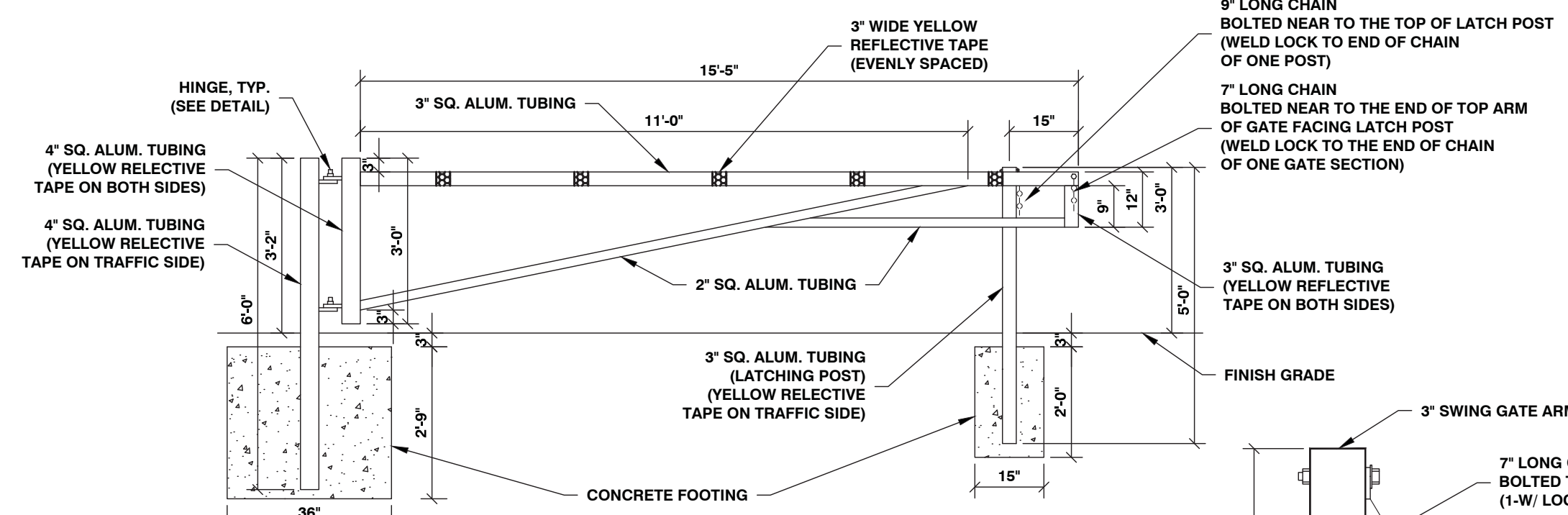


SECTION



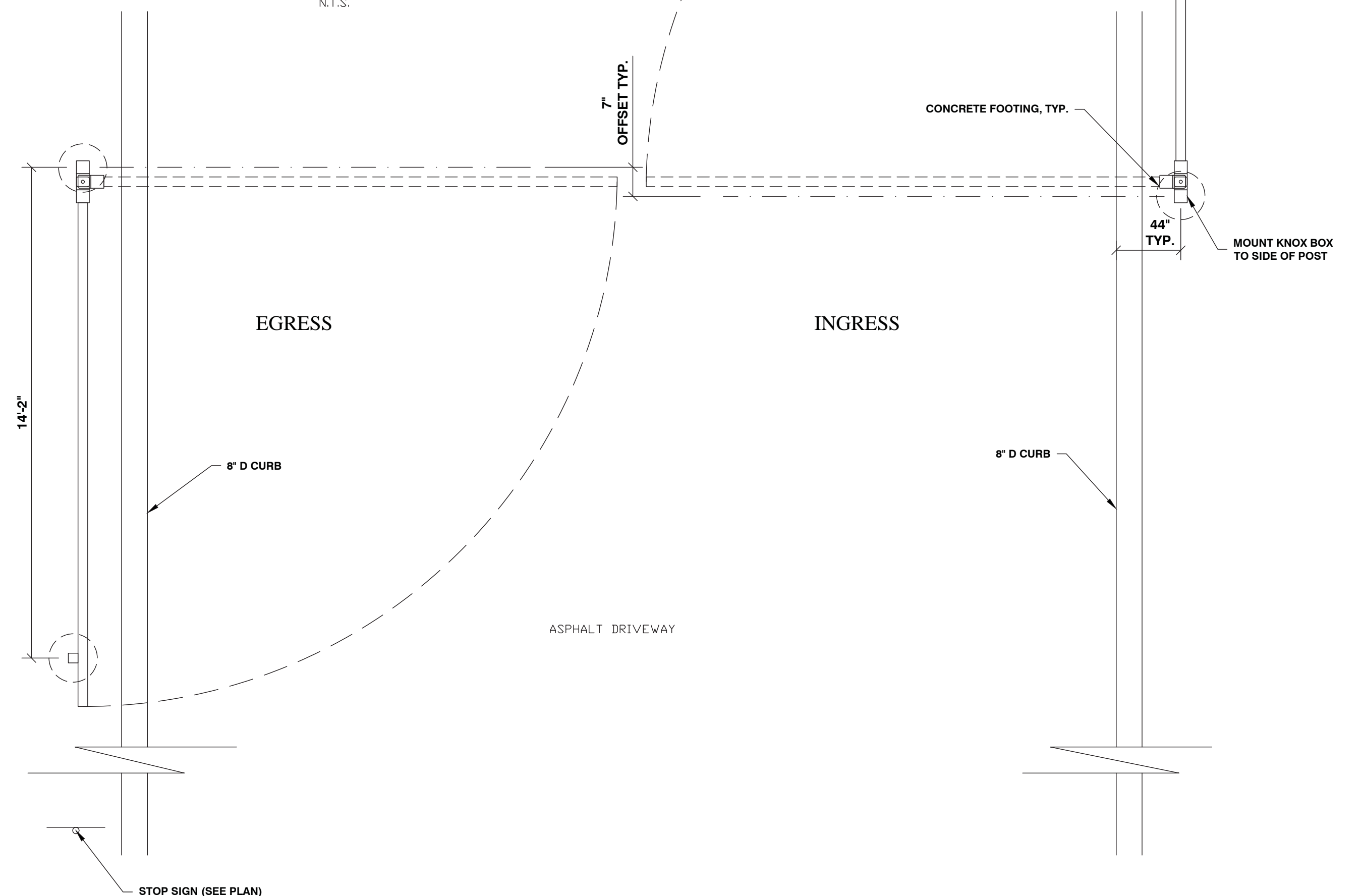
PLAN

CONCRETE SIDEWALK DETAILS



SWING GATE / LATCH POST PLAN DETAIL N.T.S.

- NOTES:  
1. ALL ALUMINUM TUBING TO BE 1/4" THICK AND WELDED WITH ROUNDED EDGES.  
2. ALL JOINTS TO BE WELDED.  
3. ALL OPEN ENDS OF ALUM. TUBING TO BE CAPPED WITH 1/4" ALUM. PLATE, WELDED. EDGES TO BE GRIND SMOOTH AND ROUNDED.  
4. LATCHING POSTS TO HAVE 9" LONG CHAIN BOLTED ON NEAR TOP. ONE TO HAVE PAD LOCK WELDED TO END OF CHAIN.

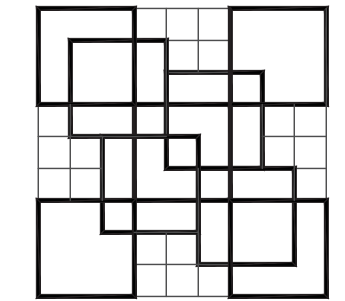


SWING GATE LOCATION N.T.S.

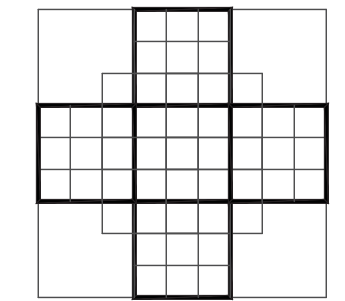
100% DOCUMENT 8/17/15

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FLORIDA LICENSE # 18991  
FOR MICHAEL B. SCHORAH  
AND ASSOCIATES, INC.

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EB# 2438 www.schorah.com  
1850 FOREST HILL BLVD., SUITE 206  
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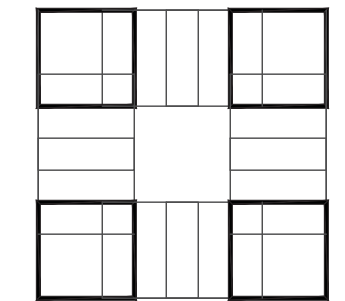
C O L O M E'  
& Associates, Inc.  
AA 0003439  
530 24TH STREET  
WEST PALM BEACH  
FLORIDA 33407  
(561) 833-9147  
Architect: ELIZABETH A. G. COLOME  
REG. NUMBER: AR 0014839



P. B. C.  
R.G. KREUSLER PARK  
RESTROOM BUILDING  
AND ENTRY DRIVE  
MODIFICATIONS  
PBC NO 14204  
2665 SOUTH OCEAN BLVD.

LAKE WORTH  
FLORIDA

PROJECT NO.  
201402



SHEET TITLE:  
DETAILS AND NOTES

REVISIONS:  
10/30/15 PER RED LINE COMMENTS

DATE  
6/4/15  
DRAWN BY:  
MV  
CHECKED BY:  
FR

SHEET  
NUMBER:

C-2