

BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA
FACILITIES DEVELOPMENT AND OPERATIONS DEPARTMENT
CAPITAL IMPROVEMENTS DIVISION

PROJECT NAME: **KREUSLER PARK RESTROOM BUILDING AND ENTRY
DRIVE MODIFICATIONS**

PROJECT NUMBER: **14204**

ADDENDUM NUMBER: 1

DATE OF ISSUANCE: August 25, 2016

TO: Prospective Bidders

This addendum forms a part of the contract documents, modifies the original bidding documents and shall be as binding as if contained therein. Acknowledge receipt of this addendum in the space provided on the "Bid Proposal Form". Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 5 attached drawings, SP-2, A-1, A-4, A-5, and C-1 drawing sheets and 9 attached specification pages.

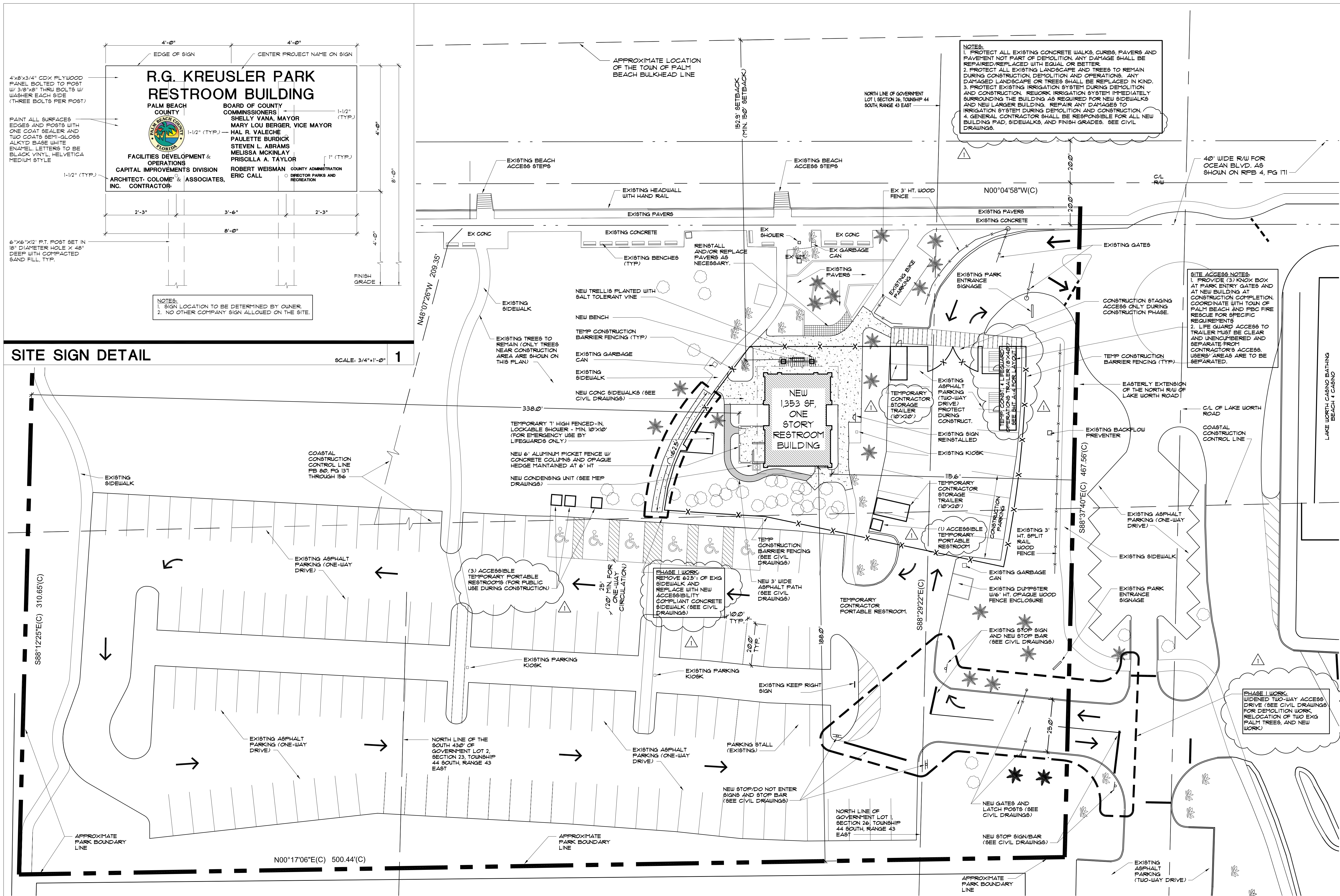
CHANGE TO DRAWINGS

1. Sheet SP-2 – Added, Note No. 4 to Notes Table.
2. Sheets A-1 and A-5 – Changed epoxy quartz flooring type under “Finish Schedule”.
3. Sheet A-4 – Revised trailer size and requirements.
4. Sheet A-5 – Deleted bollard details.
5. Sheet P-1 – Revise, Water Heater Schedule “MFGR/Model” which reads as “LTA030L” to read as follows: “KSA03JD”.
6. Sheet C-1 – Revised to indicate existing water meter size and new RPZ and water service line requirements.

CHANGE TO SPECIFICATIONS:

7. Specification Section: Added, Paint Specification Section 09912.

ADD1-1
END OF ADDENDUM

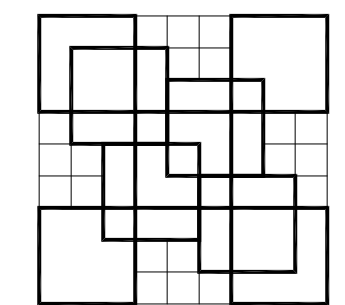


SITE SIGN DETAIL

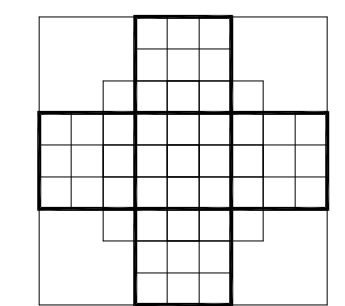
SCALE: 3/4"=1'-0" 1

SITE PLAN AND CONSTRUCTION FACILITIES PLAN

SCALE: 1"=20'-0"

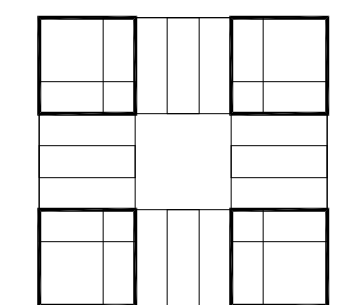


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 WEST PALM BEACH
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 ARCHITECT: ELIZABETH A. G. COLOME
 REG. NUMBER: AR 0014839



P.B.C.
 R.G. KREUSLER PARK
 RESTROOM BUILDING
 AND ENTRY DRIVE
 MODIFICATIONS
 PBC NO 14204
 2882 SOUTH OCEAN BLVD.
 PALM BEACH
 FLORIDA

PROJECT NO.
 201402



SHEET TITLE:
SITE PLAN AND CONSTRUCTION FACILITIES PLAN

REVISIONS:
 1 8-22-16 ADDENDUM 1

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

SHEET
 NUMBER

SP-2

ROOM FINISH SCHEDULE

RM NO	RM NAME	FL	WALL	NORTH WALL	BASE	EAST WALL	BASE	SOUTH WALL	BASE	WEST WALL	FIN	BASE	CLG	CLG	REMARKS
100	WOMEN		EPOXY	PL/CMU	PNT I	EPOXY	PL/CMU	PNT I	EPOXY	PL/CMU	PNT I	EPOXY	CP	10'-5"	
101	ELECTRICAL		CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	CP	10'-5"	
102	JANITOR ROOM/CHASE		CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	CP	10'-5"	
103	MEN		EPOXY	PL/CMU	PNT I	EPOXY	PL/CMU	PNT I	EPOXY	PL/CMU	PNT I	EPOXY	CP	10'-5"	
104	STORAGE ROOM		CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	PL/CMU	PNT I	CONC.	CP	10'-5"	
105	BREAK ROOM		EPOXY	MR GYP	PNT I	EPOXY	MR GYP	PNT I	EPOXY	MR GYP	PNT I	EPOXY	CP	10'-5"	
106	SHOWER ROOM		EPOXY	PL/CMU	PNT I	EPOXY	PL/CMU	PNT I	EPOXY	MR GYP	PNT I	EPOXY	CP	10'-5"	EPOXY FLOOR FINISH AT SHOWER
107	UNISEX TOILET		EPOXY	PL/CMU	PNT I	EPOXY	MR GYP	PNT I	EPOXY	MR GYP	PNT I	EPOXY	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	3'X5'	3	A	1 3/4"	SS	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	PNT	MTL	PNT UNDERCUT DOOR
06	107	3'X7'	1	A	1 3/4"	MTL	PNT	MTL	PNT UNDERCUT DOOR
07	108	3'X7'	2	A	1 3/4"	MTL	PNT	MTL	BI-FOLD

FINISH LEGEND

- FLOORS:**
EPOXY: EPOXY QUARTZ FLOORING. SEE SPECIFICATIONS COLOR TO BE SELECTED BY ARCHITECT
CONC.: SEALED CONCRETE SLAB
- WALLS:**
PNT I: 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

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 5th EDITION FBC 2014, 110 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 SGL DOOR(S) WITH THE FOLLOWING:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HU HINGE	5BB1HJ 4.5 X 4.5 NRP SEC	630	IVE
1	EA CLASSROOM	8T3T8 9H	626	BE6
1	EA CLASSROOM	9K3TR 1BD LM 5H US	626	BE6
1	EA SURFACE CLOSER	4040XP SCUSH 8RI TBUM5	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA THRESHOLD	2005AV	AL	PEM

LOOKED 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 SGL DOOR(S) WITH THE FOLLOWING:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HU HINGE	5BB1HJ 4.5 X 4.5 NRP SEC	630	IVE
1	EA CLASSROOM	8T3T8 9H	626	BE6
1	EA STOREROOM	9K3TD 1BD LM US	626	BE6
1	EA CH STOP 4 HOLDER	90H SOC	630	GLY
1	EA THRESHOLD	2005AV	AL	PEM

LOOKED FROM OUTSIDE ONLY. ALWAYS FREE EGRESS FROM INSIDE

HARDWARE GROUP NO. 03

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
HARDWARE BY COILING DOOR MANUFACTURER				

HARDWARE GROUP NO. 04

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

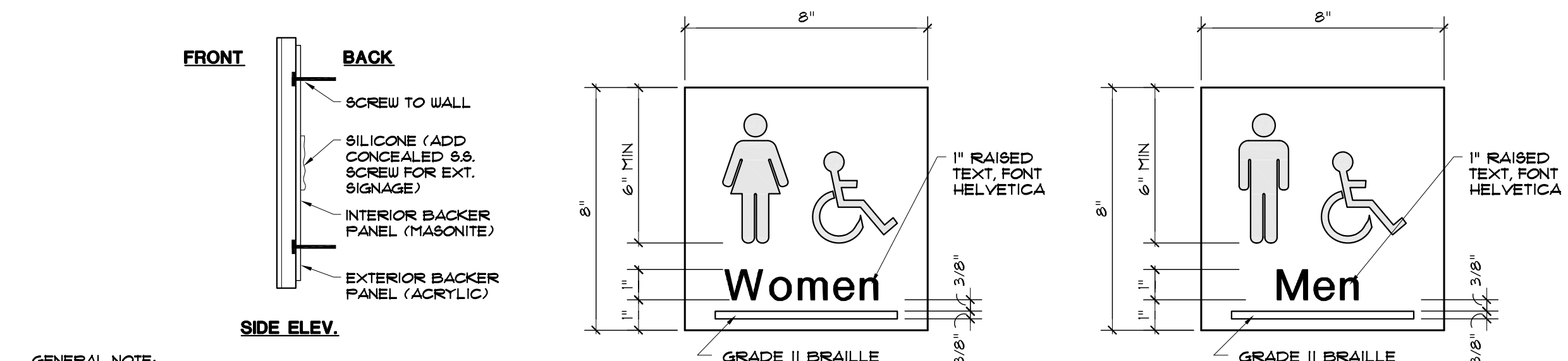
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HU HINGE	5BB1HJ 4.5 X 4.5 NRP SEC	630	IVE
1	EA CLASSROOM	8T3T8 9H	626	BE6
1	EA DORMITORY	9K3TD 1BD LM US	626	BE6
1	EA SURFACE CLOSER	4040XP SCUSH 8RI TBUM5	689	LCN
1	EA KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA THRESHOLD	2005AV	AL	PEM

LOOKED 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 ARCHITECT'S 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

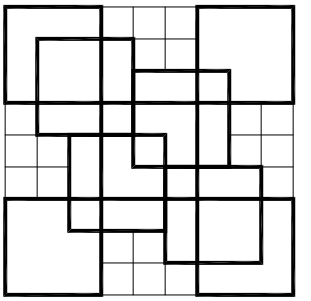
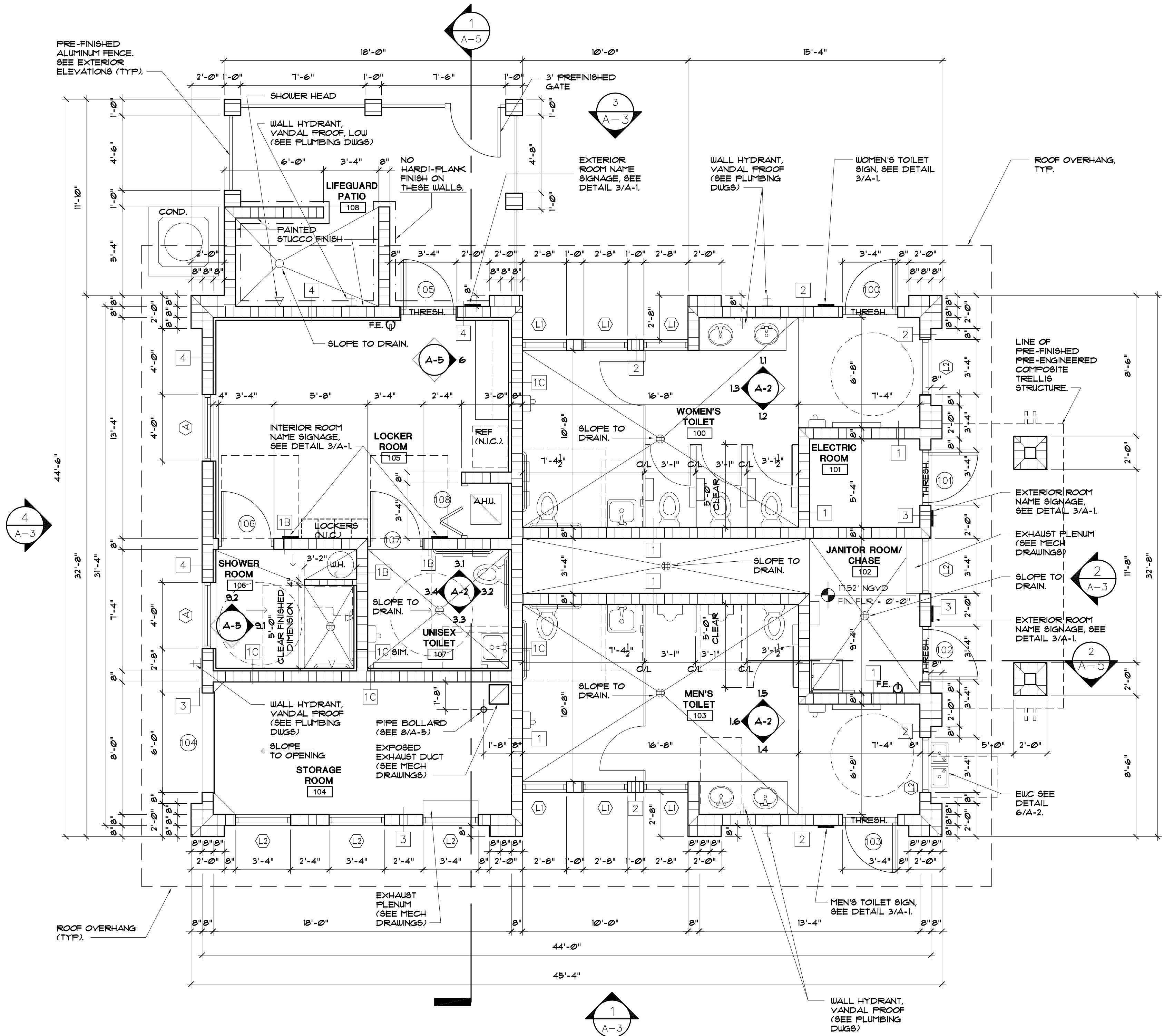
LOUVER TYPES

WINDOW TYPE

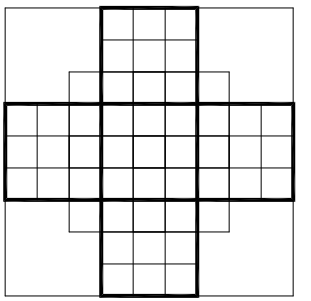
FRAME TYPES

DOOR TYPES

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

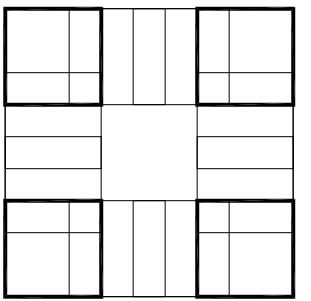


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2882 SOUTH OCEAN BLVD.

PALM BEACH
FLORIDA
PROJECT NO.
201402



SHEET TITLE:
FLOOR PLAN
AND SCHEDULES

REVISIONS:
1 8-22-16 ADDendum 1

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

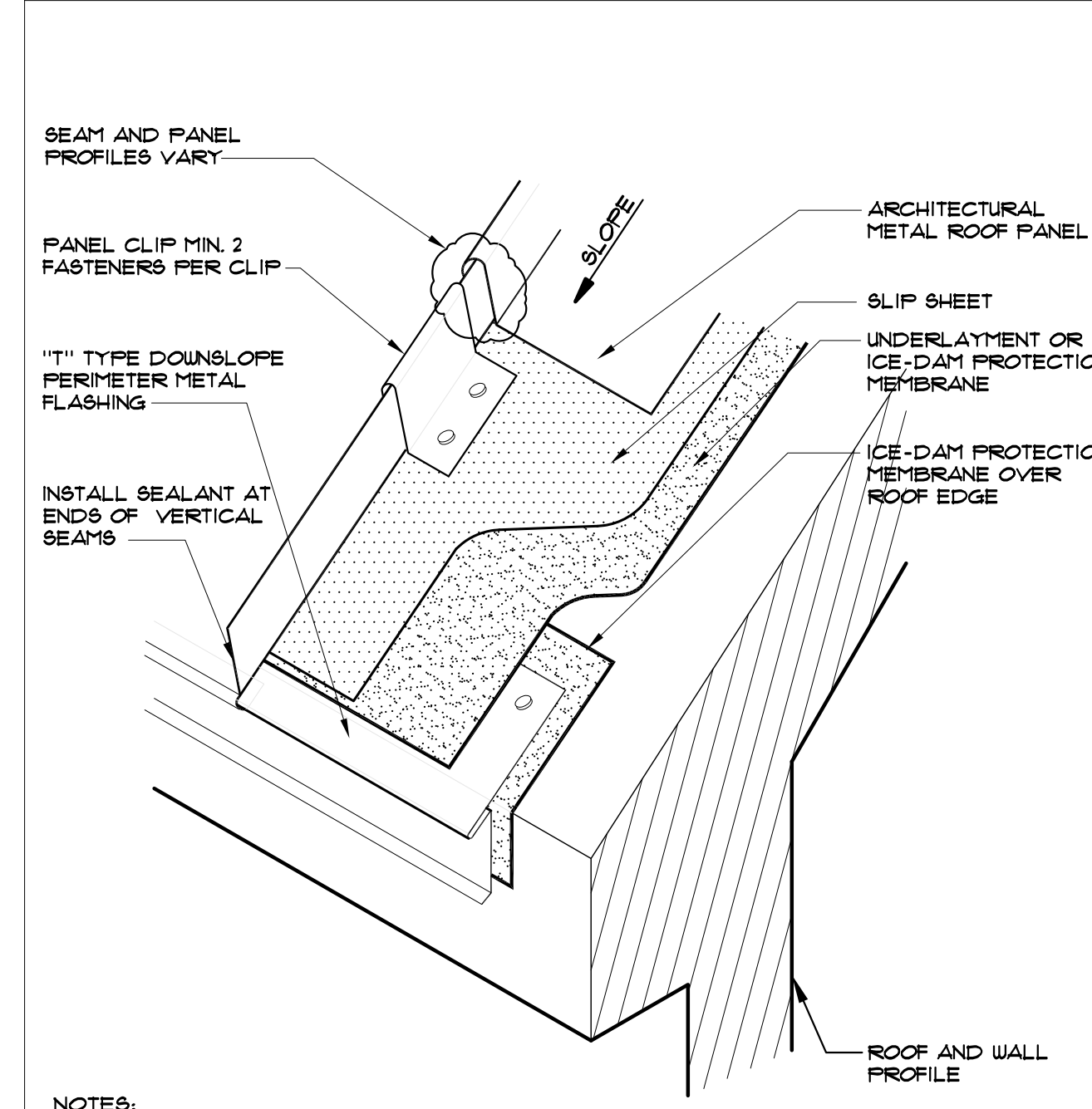
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NUMBER

A-1

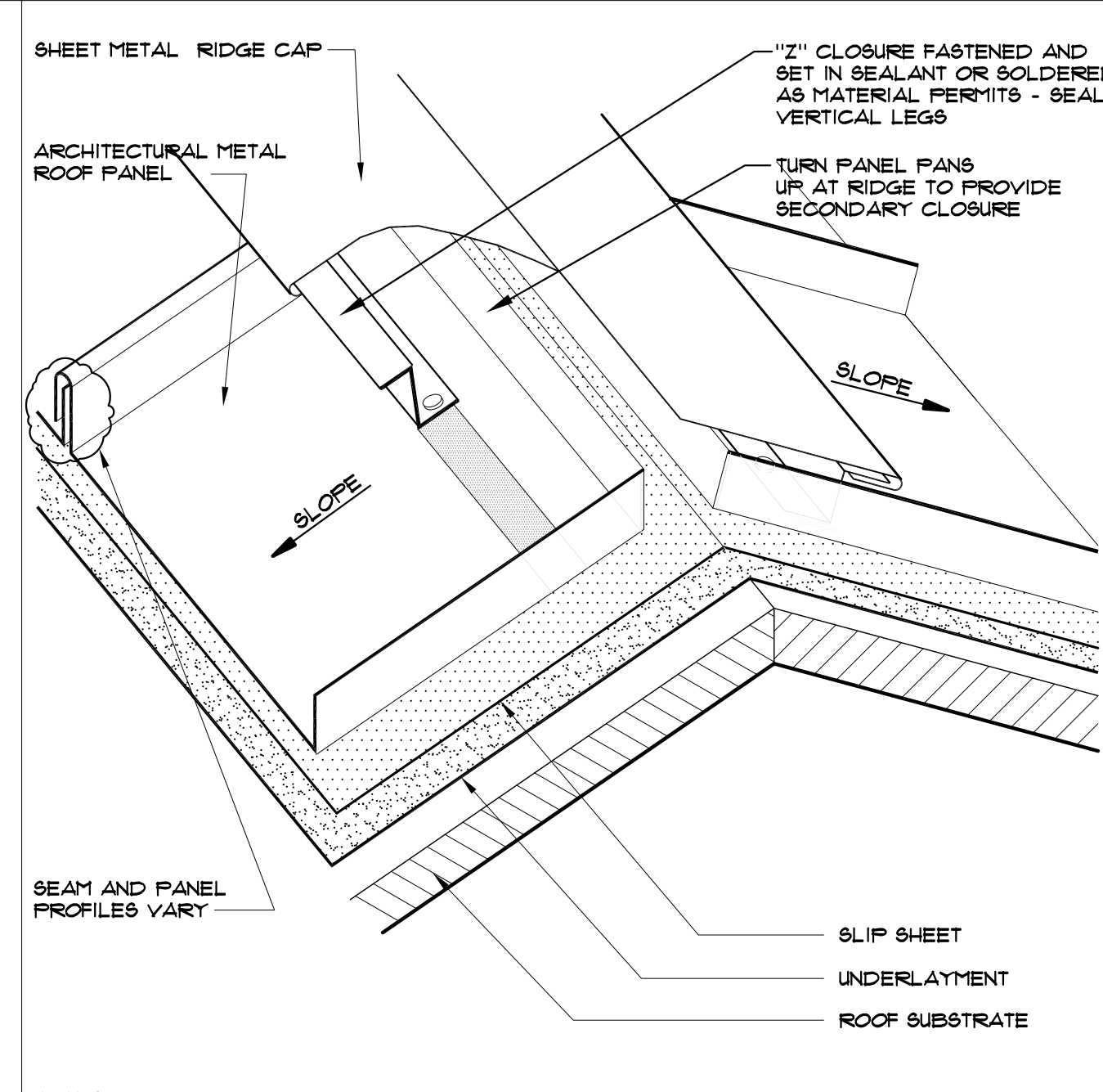
FLOOR PLAN

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

NOTE:
ALL METAL ROOFING FLASHING SIZES AND GAUGES SHALL COMPLY WITH 5th EDITION FBC 2014, CHAPTER 15



NOTES:
1. SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE.
2. VARIOUS COMBINATIONS OF SUPPORT BRACKETS, SUPPORT BRACKETS AND SPACERS OR SPACER HANGERS CAN BE USED.

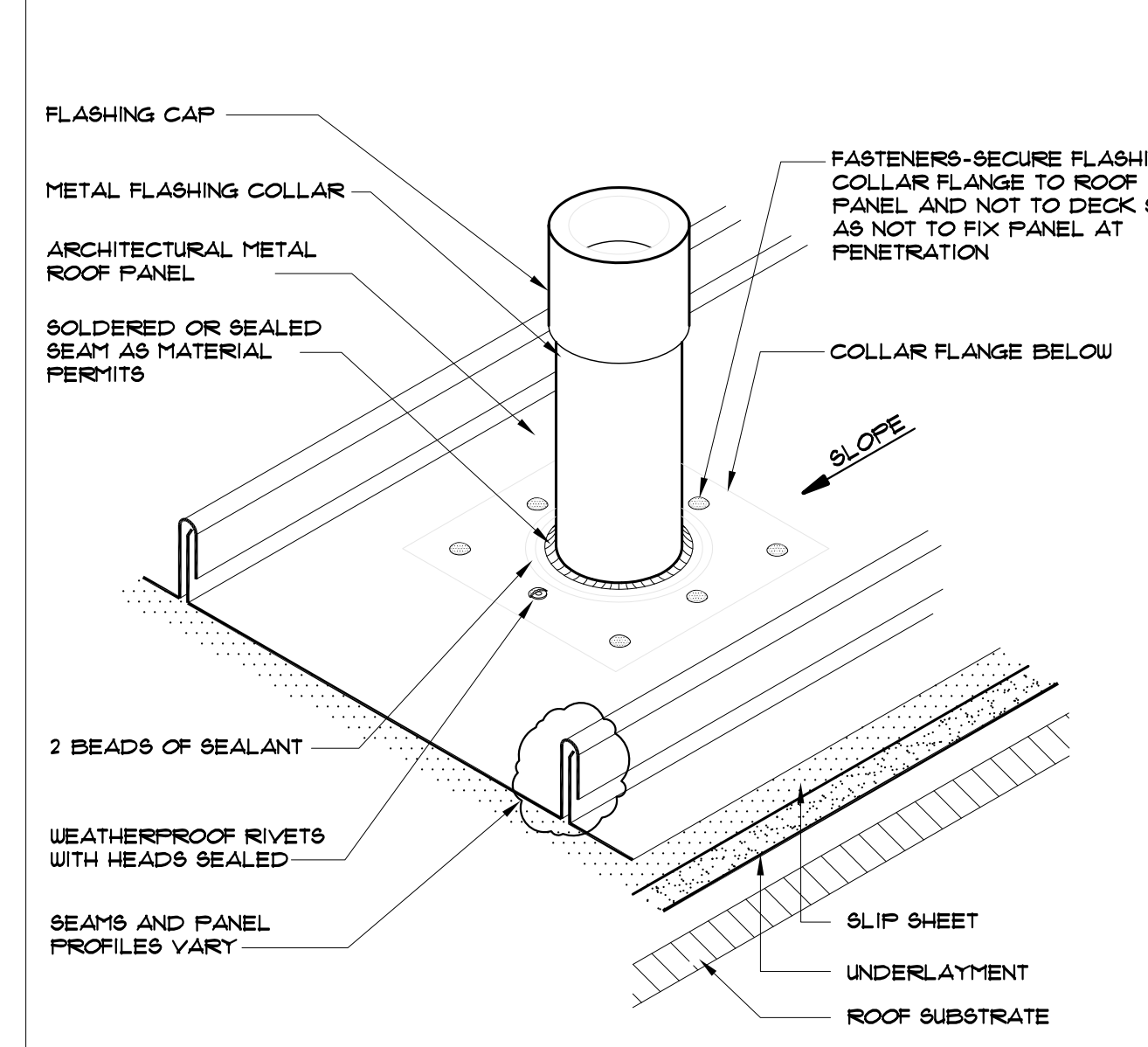


NOTES:
1. SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE.
2. THIS METHOD OF FLASHING FIXES THE PANELS ALONG THE RIDGE IF THE 'Z' CLOSURE IS FASTENED THROUGH TO THE ROOF DECK.

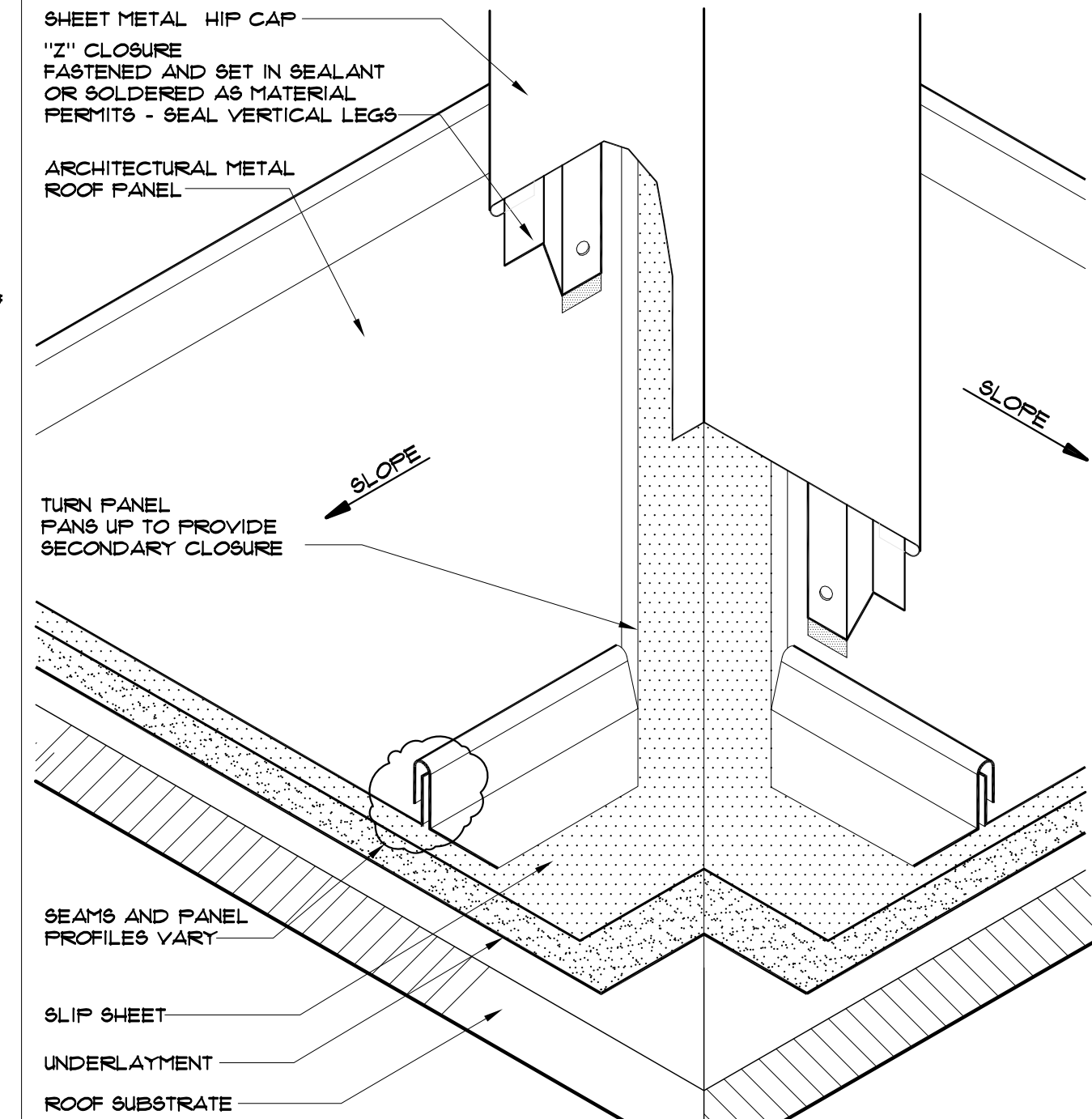
FLASHING DETAIL N.T.S. 2

RIDGE CAP FLASHING DETAIL N.T.S. 1

NOTE:
DETAILS SHOWN ON THIS SHEET ARE PROVIDED FROM STANDARD ROOFING DETAILS PREPARED BY THE NATIONAL ROOFING CONTRACTORS ASSOCIATION



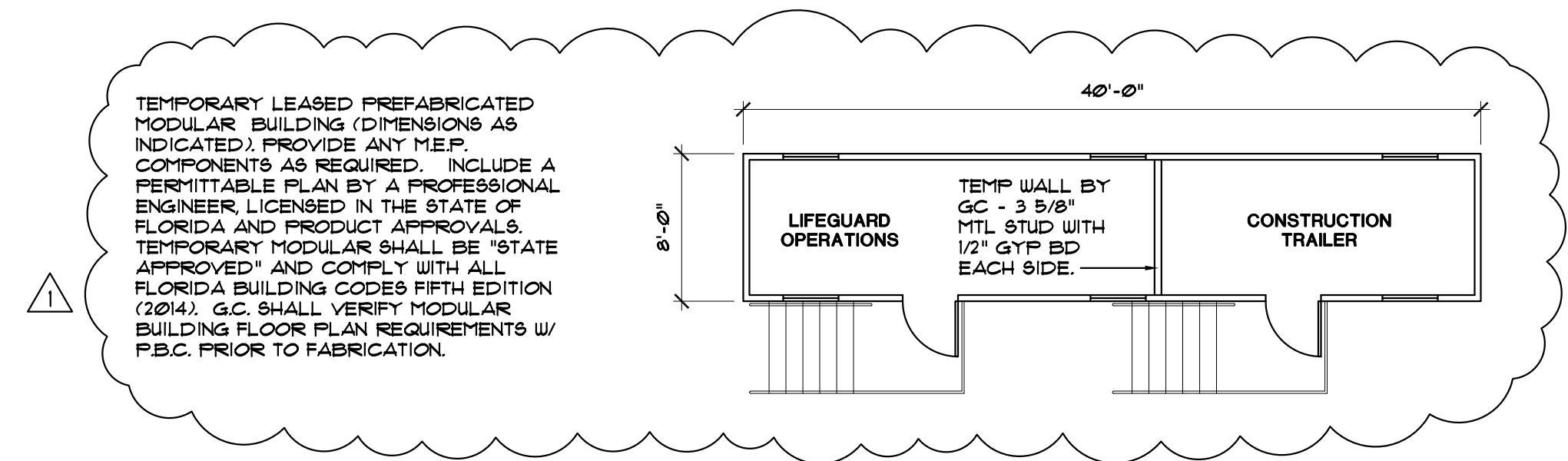
NOTES:
1. PENETRATIONS SHALL BE CENTERED ON ROOF PANELS.
2. CUT HOLE IN ROOF DECK TO ALLOW FOR MOVEMENT.
3. VENT STACKS AND OTHER PIPES SHOULD HAVE A MINIMUM OF 12 INCHES PROJECTIONS TO FACILITATE PROPER FLASHING.



NOTES:
1. SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE.
2. THIS METHOD OF FLASHING FIXES THE PANELS ALONG THE HIP IF THE 'Z' CLOSURE IS FASTENED THROUGH TO THE ROOF DECK.

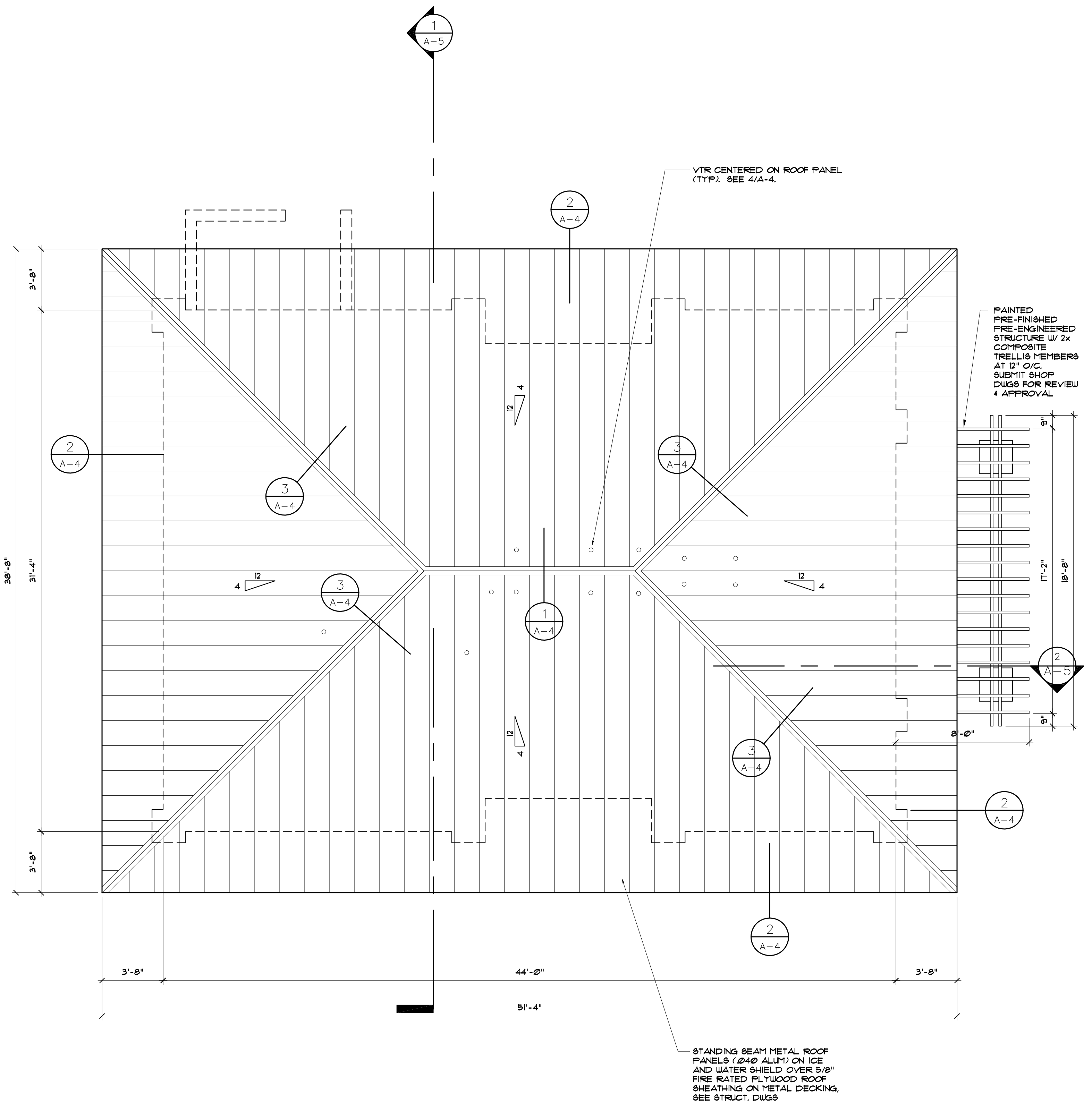
PLUMBING VENT FLASHING DETAIL N.T.S. 4

HIP CAP FLASHING DETAIL N.T.S. 3



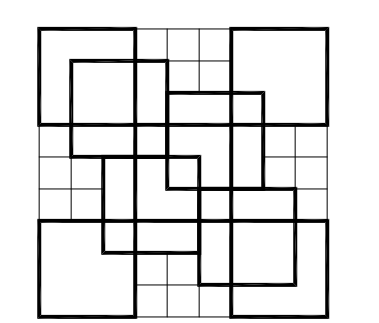
TRAILER LAYOUT

SCALE: 1/8"=1'-0" 5

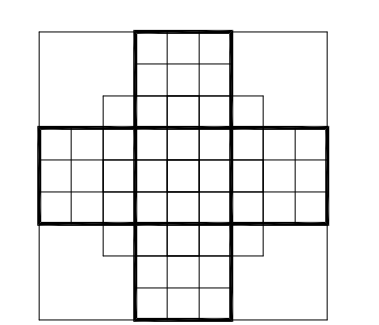


ROOF PLAN

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

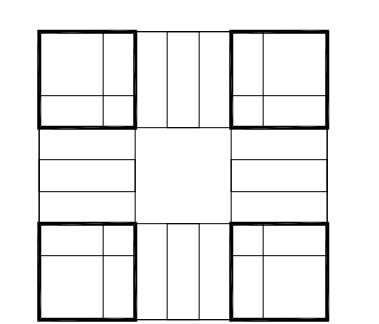


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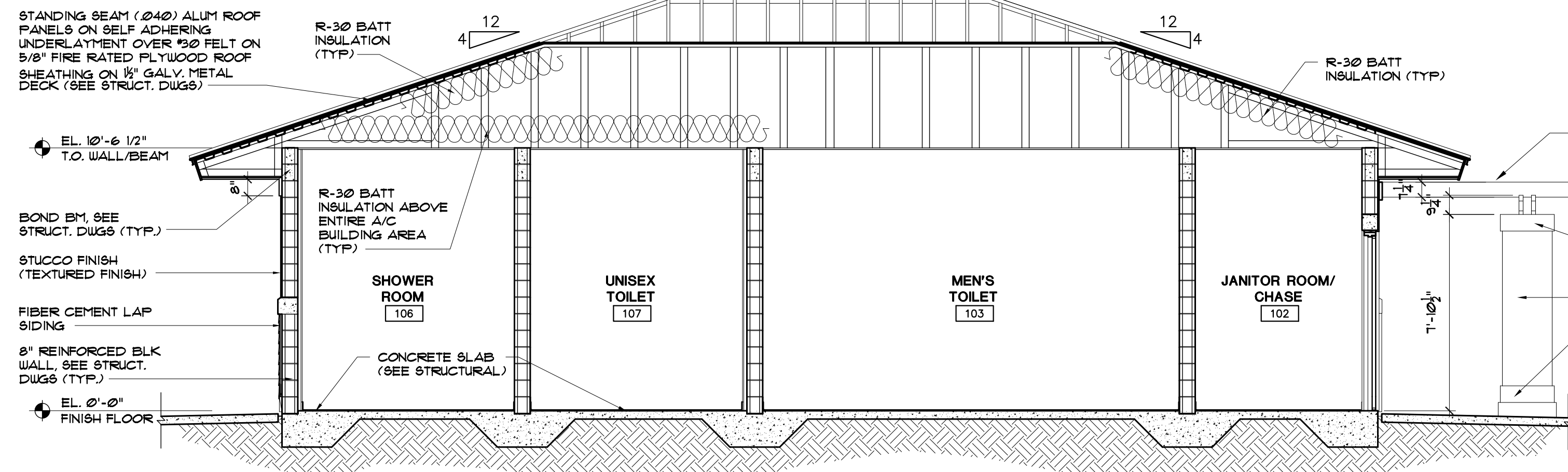


SHEET TITLE:
ROOF PLAN

REVISIONS:
1 8-22-16 ADDENDUM 1
DATE
11/20/15
DRAWN BY:
DM
CHECKED BY:
EAC

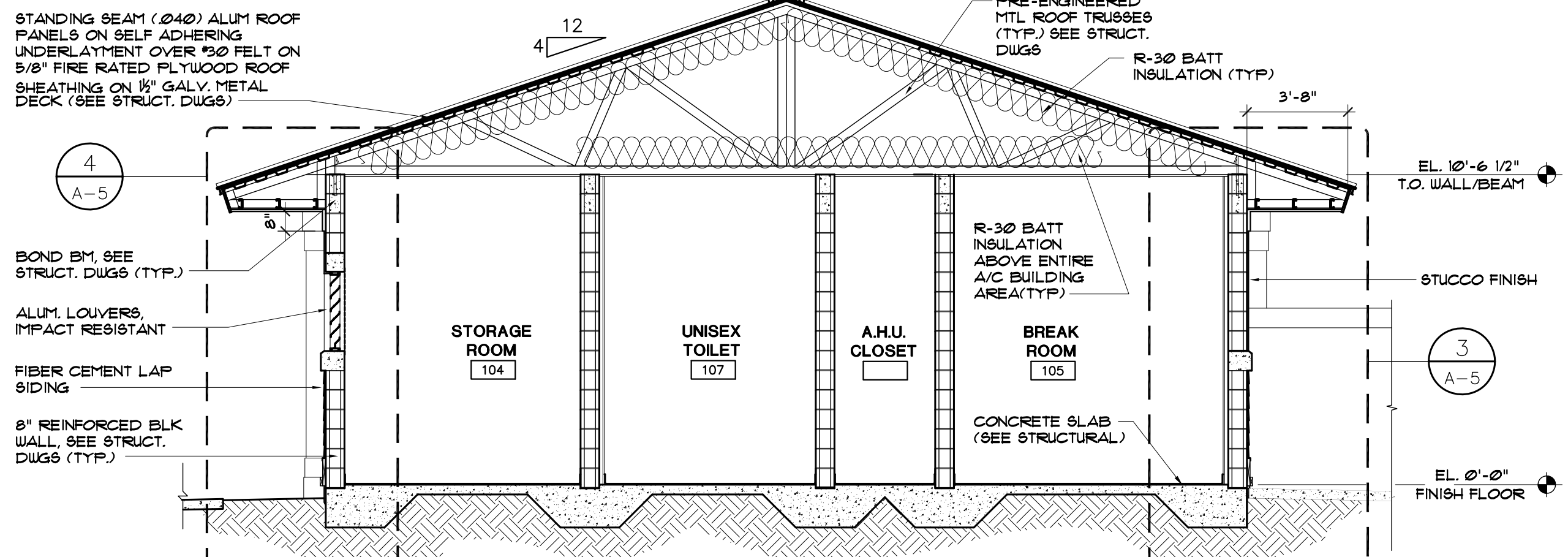
SHEET
NUMBER

A-4



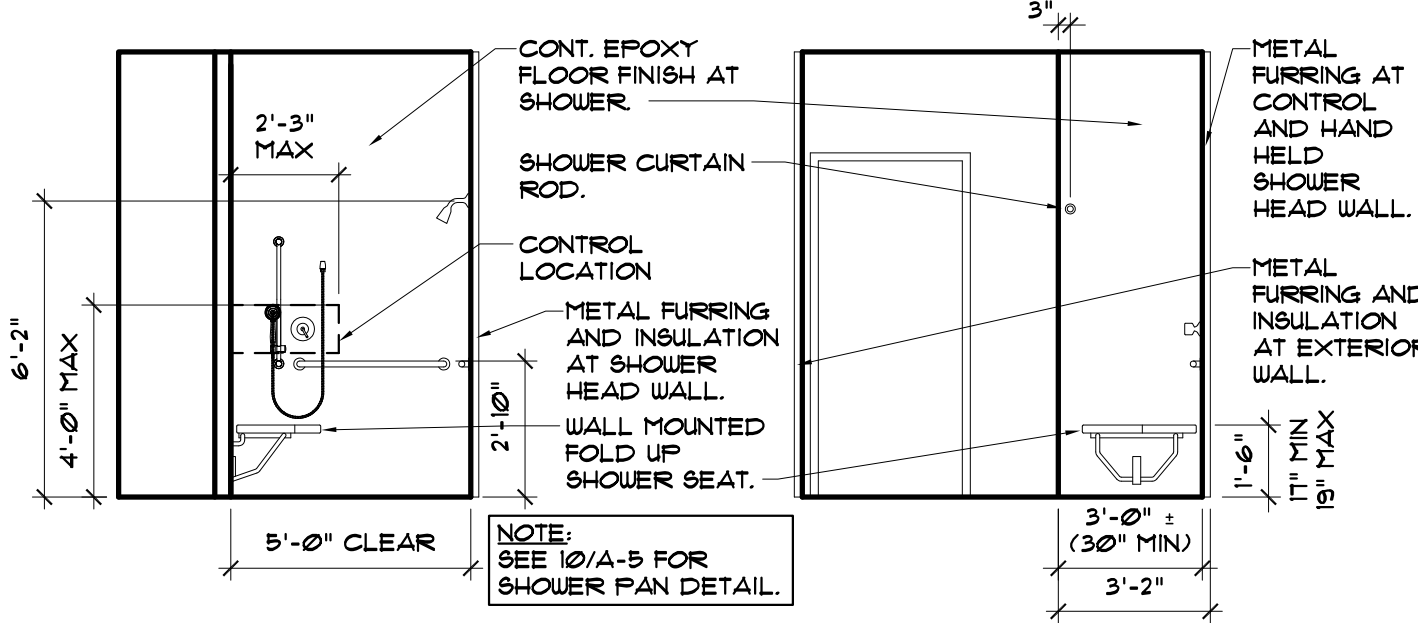
BUILDING SECTION

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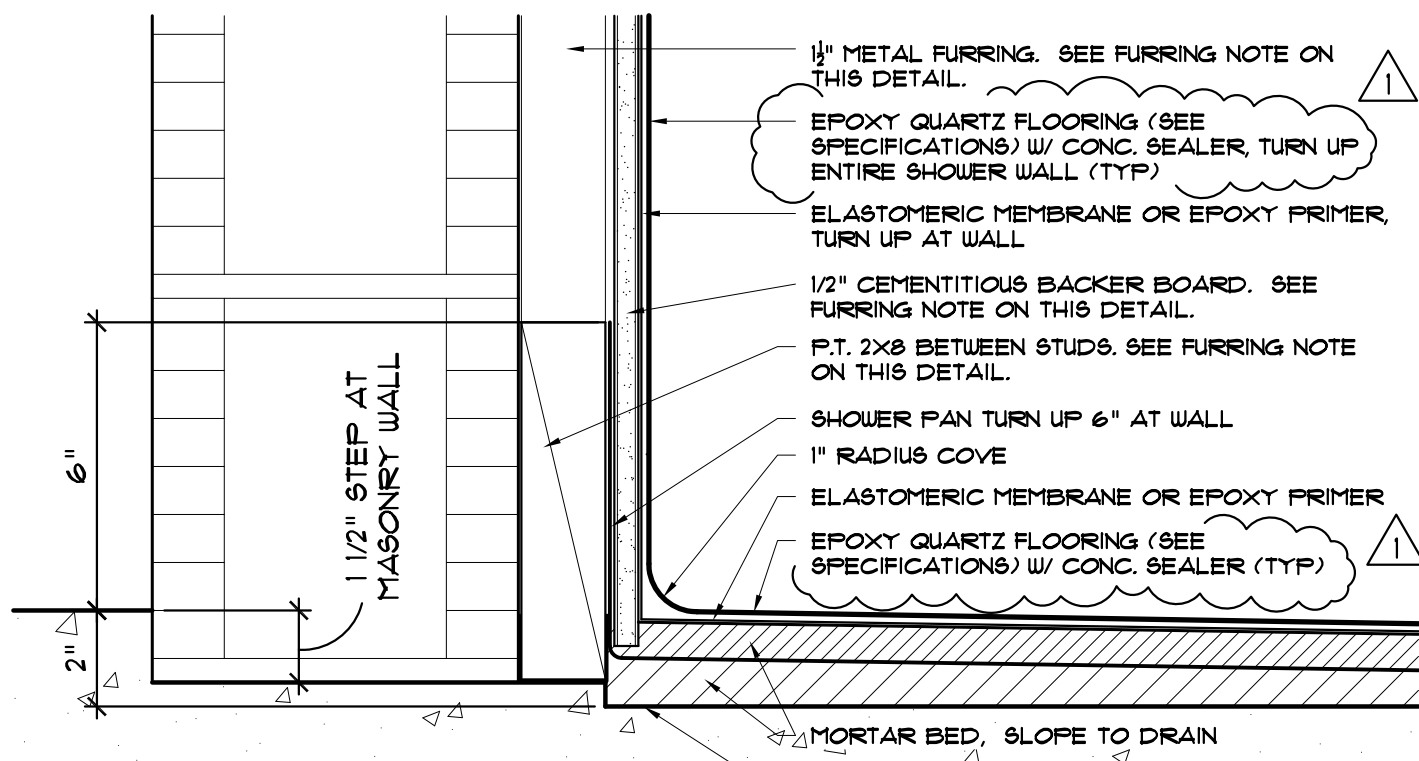
BUILDING SECTION

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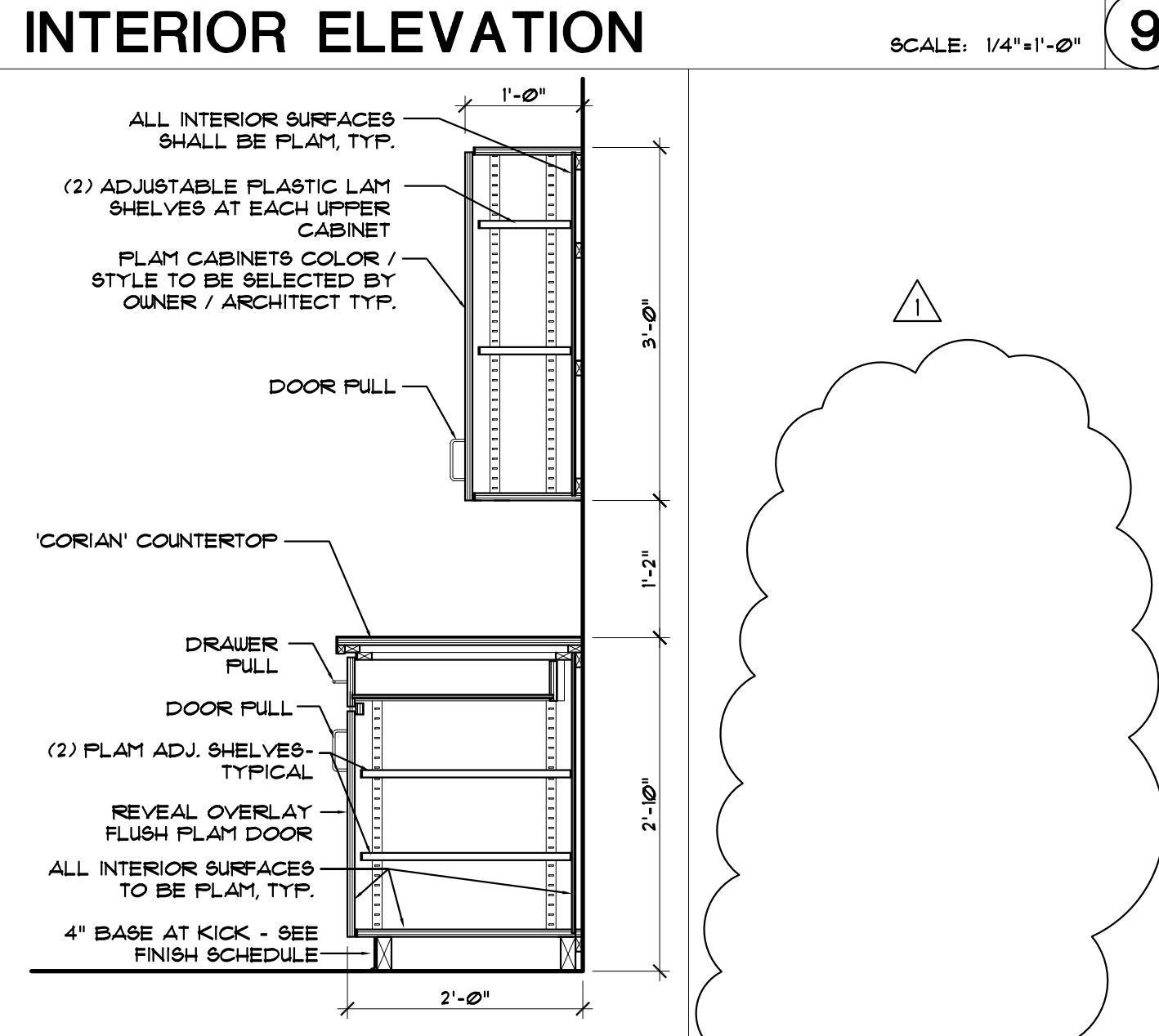
Elevation 9.1 Elevation 9.2

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



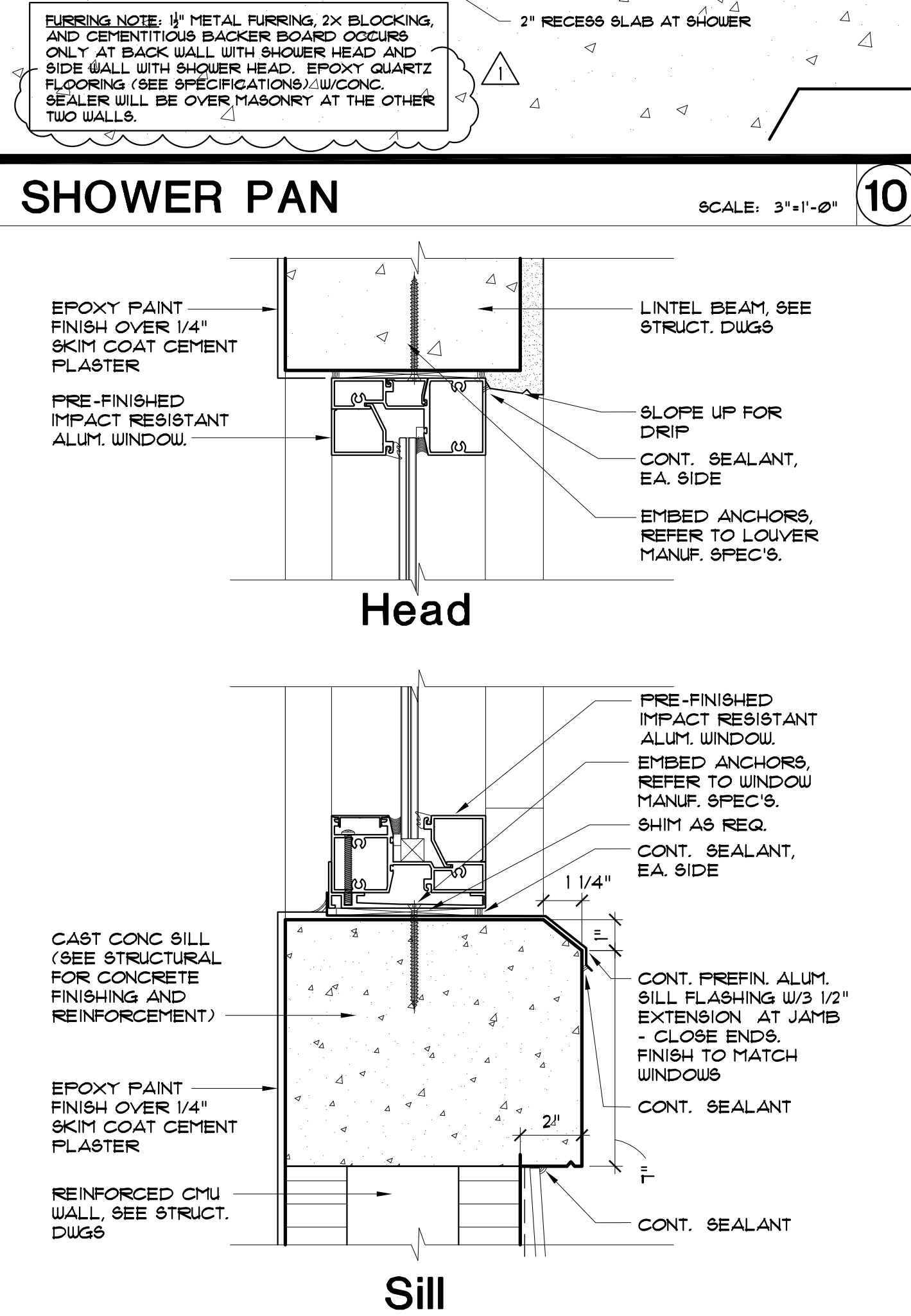
SHOWER PAN

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



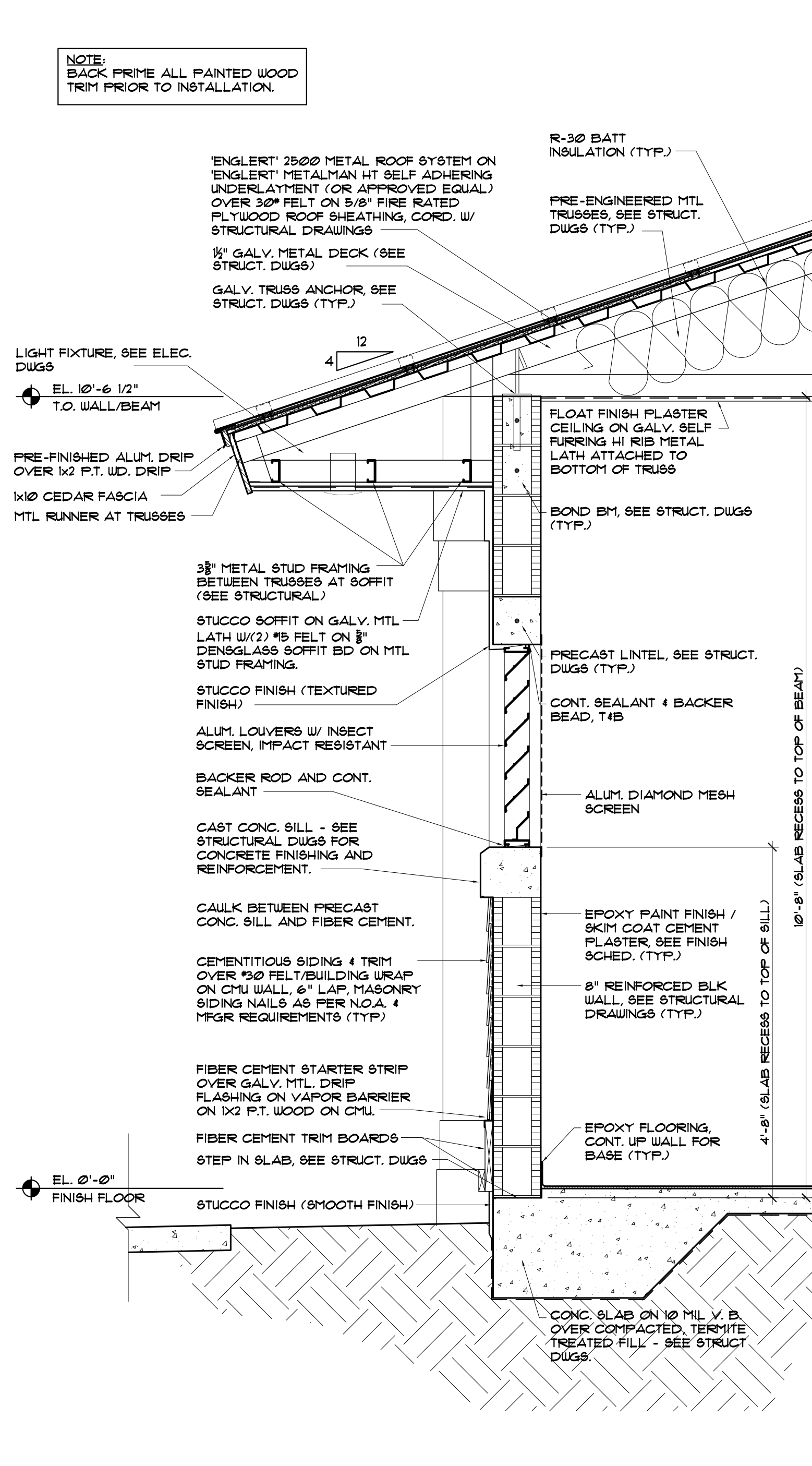
CASEWORK

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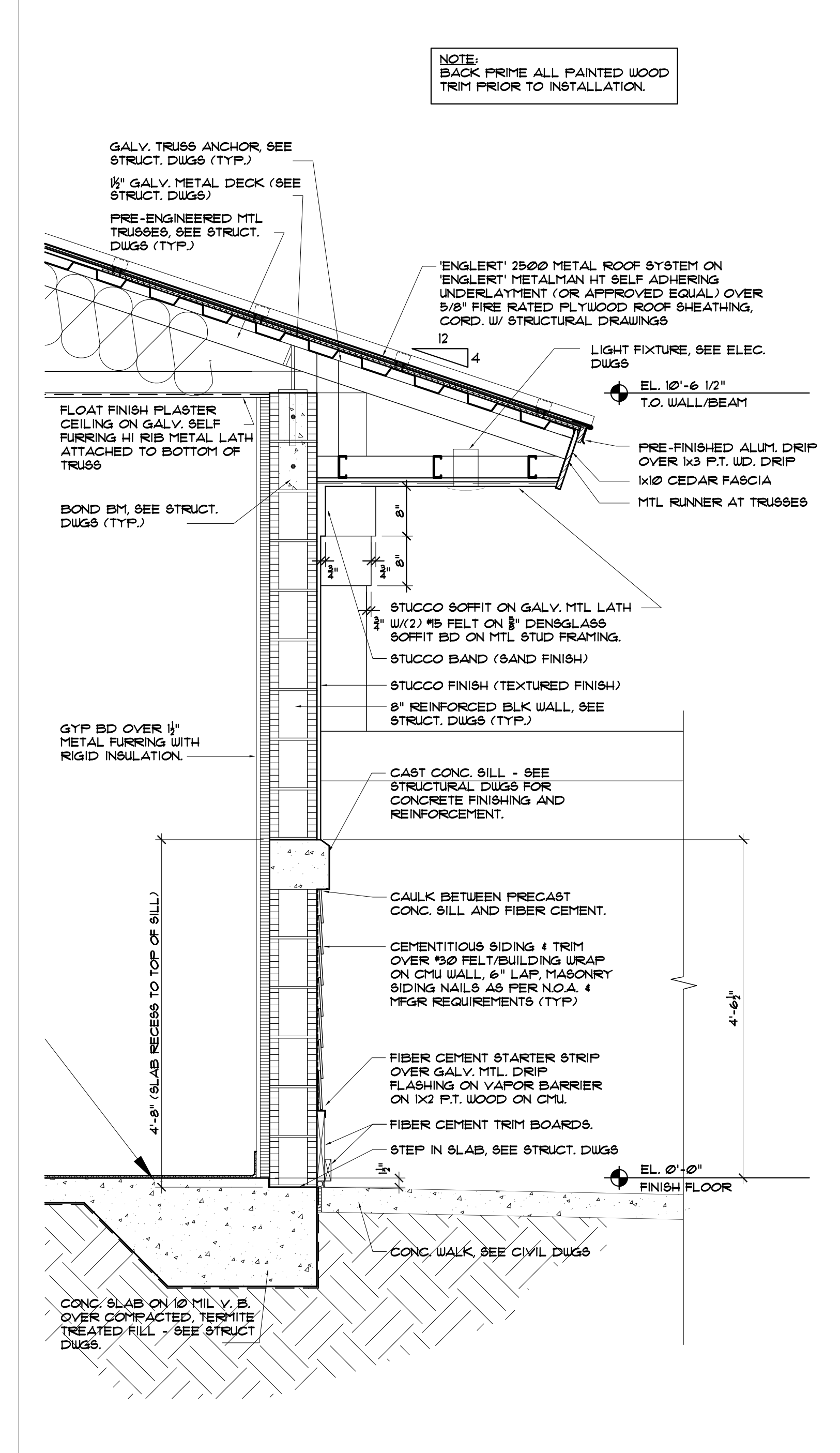
WINDOW DETAILS

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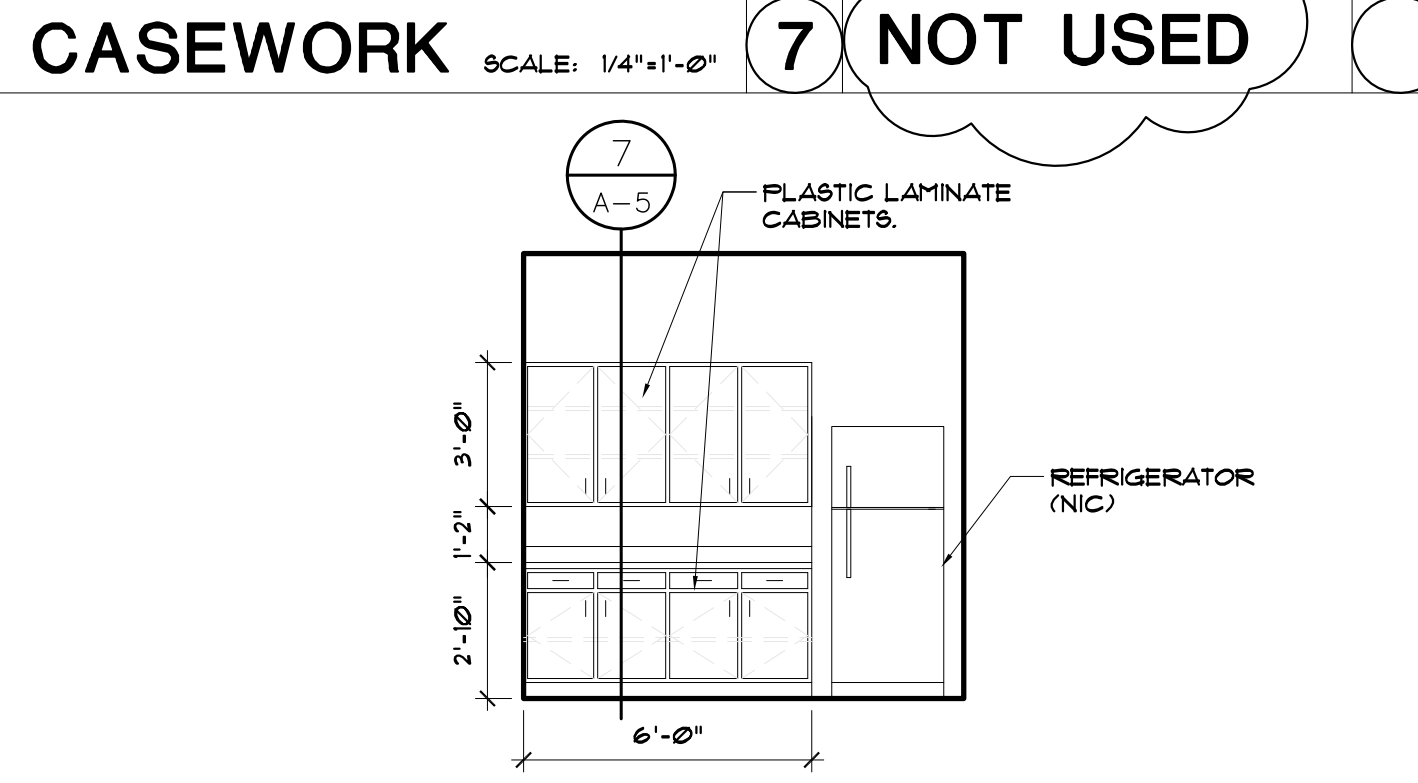
WALL SECTION

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



WALL SECTION

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



INTERIOR ELEVATION

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

WINDOW DETAILS

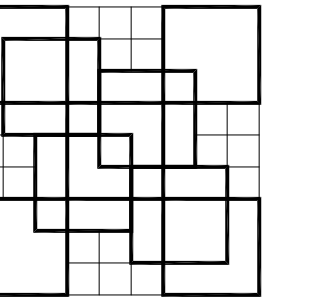
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WALL SECTION

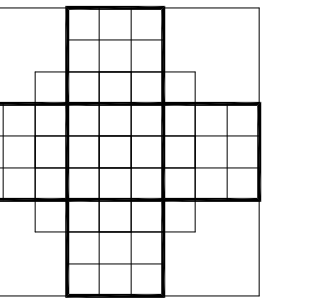
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WALL SECTION

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



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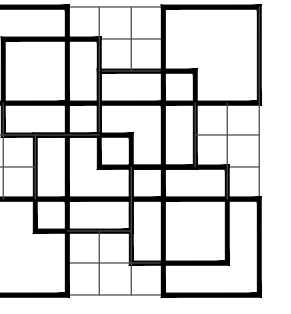
SHEET TITLE:
SECTIONS

REVISIONS:
 1 8-22-16 ADDENDUM 1

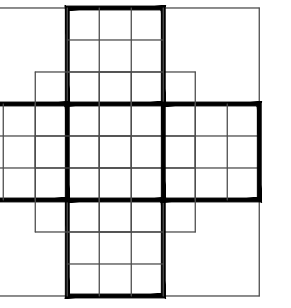
DATE
 11/20/15
 DRAWN BY:
 DM
 CHECKED BY:
 EAC

SHEET
 NUMBER

A-5



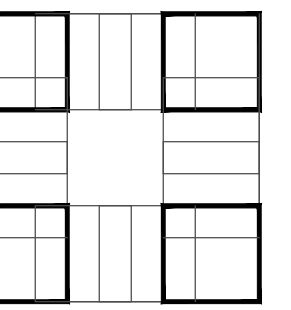
COLOME
& Associates, Inc.
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530 24TH STREET
WEST PALM BEACH
FLORIDA 33407
(561) 833-0147
Architect: ELIZABETH A. & COLOME
REG. NUMBER: AR 0014839



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AND ENTRY DRIVE
MODIFICATIONS
PBC NO 14204
282 SOUTH OCEAN BLVD.

PALM BEACH
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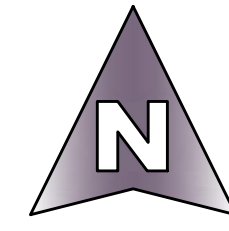
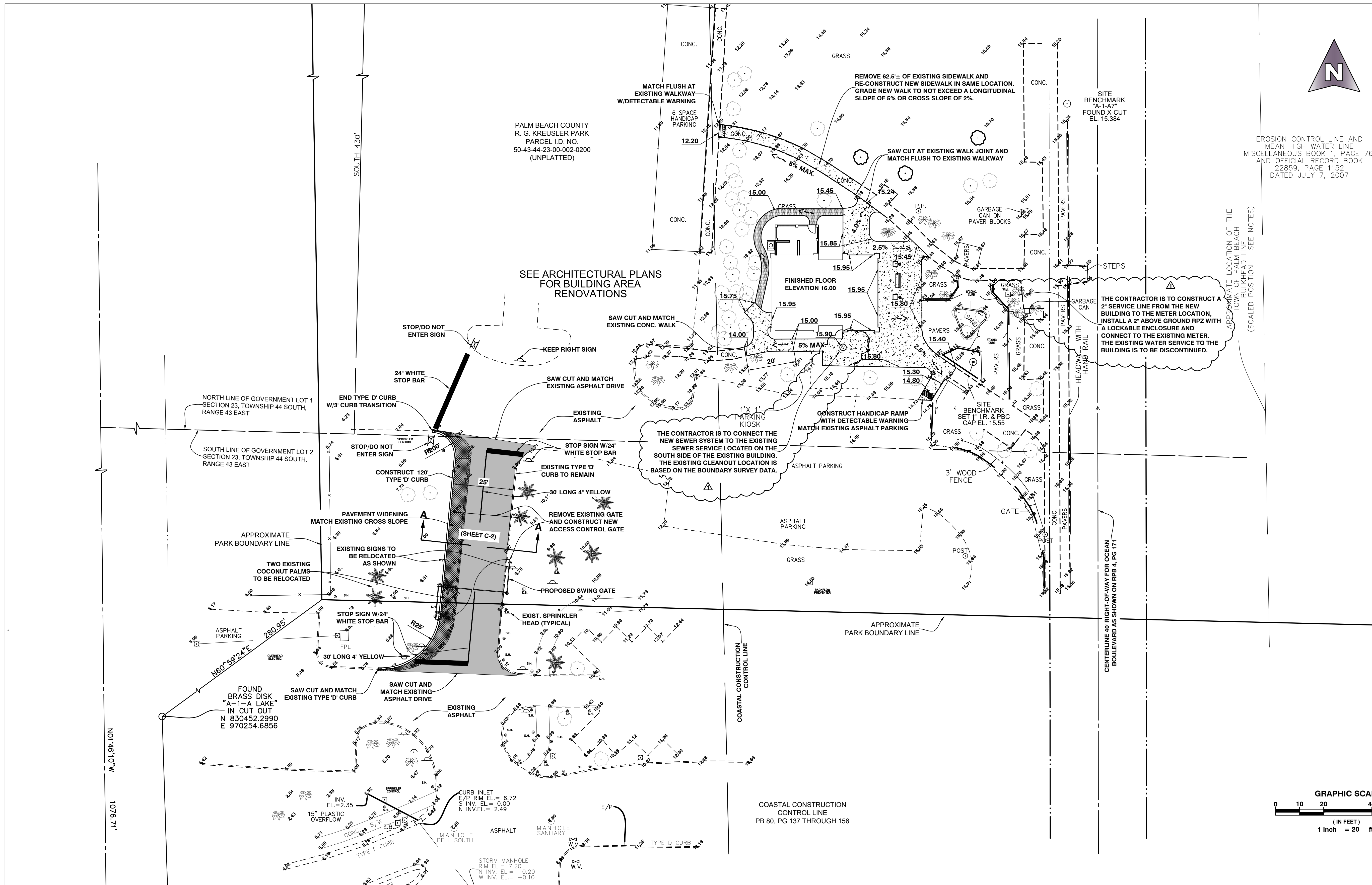
SHEET TITLE:
**ROADWAY
ALTERATION
PLAN**

REVISIONS
10/20/15 PER RED LINED COMMENTS
8/22/16 ADDENDUM 1

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

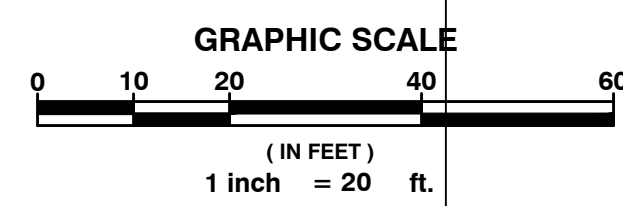
SHEET
NUMBER:

C-1



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)



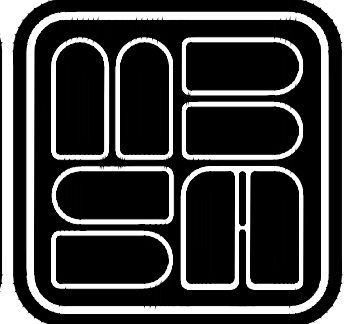
LEGEND:

	NEW PAVEMENT AND BASEROCK
	ASPHALT OVERLAY

100% DOCUMENT 8/17/15

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

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ROADWAY ALTERATION PLAN

SCALE: 1"=20'-0"

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes surface preparation and field painting of exposed exterior and interior items and surfaces.
- B. See section 09960 High-performance

1.2 SUBMITTALS

- A. Product Data: For each product indicated.
- B. Samples: For each type of finish-coat material indicated.

1.3 QUALITY ASSURANCE

- A. Benchmark Samples (Mockups): Provide a full-coat benchmark finish sample for each type of coating and substrate required. Comply with procedures specified in PDCA P5.
 - 1. Wall Surfaces: Provide samples on at least 100 sq. ft.
 - 2. Small Areas and Items: Architect will designate items or areas required.
 - 3. Final approval of colors will be from benchmark samples.

1.4 PROJECT CONDITIONS

- A. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 deg F. Maintain storage containers in a clean condition, free of foreign materials and residue.
- B. Apply waterborne paints only when temperatures of surfaces to be painted and surrounding air are between 50 and 90 deg F.
- C. Apply solvent-thinned paints only when temperatures of surfaces to be painted and surrounding air are between 45 and 95 deg F.
- D. Do not apply paint in snow, rain, fog, or mist; or when relative humidity exceeds 85 percent; or at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

1.5 EXTRA MATERIALS

- A. Furnish extra paint materials from the same production run as the materials applied and in the quantities described below. Package with protective covering for storage and identify with labels describing contents. Deliver extra materials to Owner.
 - 1. Quantity: 5percent, but not less than 1 gal. or 1 case, as appropriate, of each material and color applied.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Products: Subject to compliance with requirements, products that may be incorporated

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

into the Work include, but are not limited to, products listed in other Part 2 articles.

- B. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.
- C. Manufacturers' Names: Shortened versions (shown in parentheses) of the following manufacturers' names are used in other Part 2 articles:
 - 1. Sherwin-Williams Co. (Sherwin-Williams). "Basis of Design"
 - 2. Avmor, Multi-Use Floor Coating. "Basis of Design" for concrete floor sealer.

2.2 PAINT MATERIALS, GENERAL

- A. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
- B. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.
- C. Colors: As selected from manufacturer's full range.

2.3 PREPARATORY COATS

- A. Concrete Unit Masonry Block Filler: High-performance latex block filler of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
- B. Exterior Primer: Exterior latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
 - 1. Ferrous-Metal and Aluminum Substrates: Rust-inhibitive metal primer.
 - 2. Zinc-Coated Metal Substrates: Galvanized metal primer.
 - 3. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.
- C. Interior Primer: Interior latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
 - 1. Ferrous-Metal Substrates: Quick drying, rust-inhibitive metal primer.
 - 2. Zinc-Coated Metal Substrates: Galvanized metal primer.
 - 3. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.

2.4 EXTERIOR FINISH COATS

- A. Exterior Waterproofing Coating System Paint:
 - 1. Sherwin-Williams; Loxon XP Waterproofing System A24-1400 Series.

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

B. Exterior Full-Gloss Acrylic Enamel for Ferrous and Other Metals:

1. Sherwin-Williams; Pro Industrial Acrylic Coating Gloss (Waterborne) B66-600 Series.

2.5 INTERIOR FINISH COATS

A. Interior Low-Luster Epoxy:

1. Sherwin-Williams; Pro Industrial Waterbased Catalyzed Epoxy Eg-Shel B73-360 Series.

B. Interior Semigloss Acrylic Enamel (Non-Epoxy Walls):

1. Sherwin-Williams; ProMar 200 Zero VOC Interior Latex Semi-Gloss Enamel B31W2600 Series.

2.6 INTERIOR WOOD STAINS AND VARNISHES

A. Open-Grain Wood Filler:

1. Sherwin-Williams; none recommended.

B. Interior Wood Stain: Alkyd based VOC Compliant.

1. Sherwin-Williams; Wood Classics Interior Oil Stain 250, A49-800 Series.

C. Interior Polyurethane-Waterborne Based Clear Satin Varnish (2 coats):

2. Sherwin-Williams; Wood Classics Waterborne Polyurethane Varnish, Satin A68 Series.

2.7 INTERIOR CONCRETE SLAB SEALER

A. Clear Concrete Sealer:

1. Basis of Design: Avmor; EcoPure EP80 Multi-use Floor Coating with ECOLOGO Certification or approved equal.

PART 3 - EXECUTION

3.1 APPLICATION

- A. Comply with procedures specified in PDCA P4 for inspection and acceptance of surfaces to be painted.
- B. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
- C. Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting.

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
- D. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
1. Provide barrier coats over incompatible primers or remove and reprime.
 2. Cementitious Materials: Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
 3. Wood: Clean surfaces of dirt, oil, and other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sand surfaces exposed to view smooth and dust off.
 - a. Scrape and clean small, dry, seasoned knots, and apply a thin coat of white shellac or other recommended knot sealer before applying primer. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood filler. Sand smooth when dried.
 - b. Prime, stain, or seal wood to be painted immediately on delivery. Prime edges, ends, faces, undersides, and back sides of wood, including cabinets, counters, cases, and paneling.
 - c. If transparent finish is required, backprime with spar varnish.
 - d. Backprime paneling on interior partitions where masonry, plaster, or other wet wall construction occurs on back side.
 - e. Seal tops, bottoms, and cutouts of unprimed wood doors with a heavy coat of varnish or sealer immediately on delivery.
 4. Ferrous Metals: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC's recommendations.
 - a. Blast steel surfaces clean as recommended by paint system manufacturer and according to SSPC-SP 6/NACE No. 3.
 - b. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.
 - c. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer, and touch up with same primer as the shop coat.
 5. Galvanized Surfaces: Clean galvanized surfaces with nonpetroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.
- E. Material Preparation:
1. Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.
 2. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

- F. Exposed Surfaces: Include areas visible when permanent or built-in fixtures, grilles, convector covers, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
1. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 2. Paint interior surfaces of ducts with a flat, nonspecular black paint where visible through registers or grilles.
 3. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
 4. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.
 5. Finish interior of wall and base cabinets and similar field-finished casework to match exterior.
- G. Sand lightly between each succeeding enamel or varnish coat.
- H. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
1. Omit primer over metal surfaces that have been shop primed and touchup painted.
 2. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance.
- I. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
- J. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate. Provide total dry film thickness of the entire system as recommended by manufacturer.
- K. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to items exposed in equipment rooms and occupied spaces.
- L. Block Fillers: Apply block fillers to concrete masonry block at a rate to ensure complete coverage with pores filled.
- M. Prime Coats: Before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing.
- N. Pigmented (Opaque) Finishes: Completely cover surfaces as necessary to provide a smooth, opaque surface of uniform finish, color, appearance, and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections will not be acceptable.
- O. Transparent (Clear) Finishes: Use multiple coats to produce a glass-smooth surface film of even luster. Provide a finish free of laps, runs, cloudiness, color irregularity, brush marks, orange

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

peel, nail holes, or other surface imperfections.

- P. Stipple Enamel Finish: Roll and redistribute paint to an even and fine texture. Leave no evidence of rolling, such as laps, irregularity in texture, skid marks, or other surface imperfections.

3.2 CLEANING AND PROTECTING

- A. At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.
- B. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.
- C. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.
1. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in PDCA P1.

3.3 EXTERIOR PAINT SCHEDULE

- A. Concrete, Stucco, Hardieplank and Masonry (Other Than Concrete Unit Masonry):
1. Acrylic Finish: Two finish coats over a primer.
- a. Primer: Loxon Masonry Primer A24W8300 Series. Exterior concrete and masonry primer applied at spreading rate recommended by manufacturer to achieve a total dry film thickness of not less than 1.5 mils (0.038 mm).
- b. Finish Coats: Loxon XP Waterproofing System A24-1400 Series. Exterior waterproofing paint applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 6.4 mils (0.163 mm).
- B. Concrete Unit Masonry:
1. Acrylic Finish: Two finish coats over a block filler.
- a. Block Filler: Loxon Block Surfacer A24W200 Series. Concrete unit masonry block filler applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 4.0 mils (0.102 mm).
- b. Finish Coats: Loxon XP Waterproofing System A24-1400 Series. Exterior waterproofing paint applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 12.8 mils (0.327 mm).
- C. Smooth Wood:
1. Acrylic Finish: Two finish coats over a primer.
- a. Primer: Exterior Latex Wood Primer B42W8041 Series. Exterior wood primer for acrylic enamels applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.4 mils (0.036 mm).

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

- b. Finish Coats: A-100 Exterior Latex Satin A82 Series. Exterior satin acrylic enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.2 mils (0.056 mm).
- D. Wood Trim:
- 1. Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. Primer: Exterior Latex Wood Primer B42W8041 Series. Exterior wood primer for acrylic enamels applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.4 mils (0.036 mm).
 - b. Finish Coats: A-100 Exterior Latex Satin A82 Series. Exterior satin acrylic enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.4 mils (0.061 mm).
- E. Plywood:
- 1. Acrylic Finish: Two finish coats over a primer.
 - a. Primer: Exterior Latex Wood Primer B42W8041 Series. Exterior wood primer for acrylic enamels applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.4 mils (0.036 mm).
 - b. Finish Coats: A-100 Exterior Latex Satin A82 Series. Exterior low-luster acrylic paint applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.2 mils (0.056 mm).
- F. Ferrous Metal:
- 1. Acrylic Finish: Two finish coats over a rust-inhibitive primer.
 - a. Primer: Kem Kromik Universal Metal Primer B50WZ1 Series. Exterior ferrous-metal primer (not required on shop-primed items) applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.5 mils (0.038 mm).
 - b. Finish Coats: Pro Industrial Acrylic Coating Gloss (Waterborne) B66-600 Series. Exterior gloss acrylic enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 3.4 mils (0.086 mm).
- G. Zinc-Coated Metal:
- 1. Acrylic Finish: Two finish coats over a galvanized metal primer.
 - a. Primer: Pro Industrial Procryl Universal Metal Primer B50W310 Series. Exterior galvanized metal primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.2 mils (0.031 mm).
 - b. Finish Coats: Pro Industrial Acrylic Coating Gloss (Waterborne) B66-600 Series. Exterior full-gloss acrylic enamel for ferrous and other metals applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.8 mils (0.071 mm).

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

H. Aluminum:

1. Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. Primer: Pro Industrial Procryl Universal Metal Primer B50W310 Series. Exterior aluminum primer under acrylic finishes applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.5 mils (0.038 mm).
 - b. Finish Coats: Pro Industrial Acrylic Coating Gloss (Waterborne) B66-600 Series. Exterior full-gloss acrylic enamel for ferrous and other metals applies at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.6 mils (0.066 mm).

3.4 INTERIOR PAINT SCHEDULE

A. Concrete and Masonry (Other Than Concrete Unit Masonry):

1. Acrylic Finish: Two finish coats over a primer.
 - a. Primer: Loxon Masonry Primer A24W8300 Series. Interior concrete and masonry primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.0 mils (0.025 mm).
 - b. Finish Coats: Pro Industrial Waterbased Catalyzed Epoxy B73-360 Series. Interior low-luster epoxy applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 4.0 mils (0.103 mm).

B. Concrete Unit Masonry:

1. Acrylic Finish: Two finish coats over a block filler.
 - a. Block Filler: Preprite Block Filler B25W25 Series. Concrete unit masonry block filler applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 5.0 mils (0.13 mm).
 - b. Finish Coats: Pro Industrial Waterbased Catalyzed Epoxy B73-360 Series. Interior low-luster epoxy applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 4.0 mils (0.103 mm).

C. Gypsum Board:

1. Acrylic Finish: Two finish coats over a primer.
 - a. Primer: Promar 200 0 VOC Primer B28W2600 Series. Interior gypsum board primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.2 mils (0.031 mm).
 - b. Finish Coats: Pro Industrial Waterbased Catalyzed Epoxy B73-360 Series. Interior low-luster epoxy applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 4.0 mils (0.103 mm).

D. Plaster:

1. Acrylic Finish: Two finish coats over a primer.

R.G. KREUSLER PARK RESTROOM BUILDING
AND ENTRY DRIVE MODIFICATIONS - #14204
Specifications

- a. Primer: Preprite Problock Latex Primer/Sealer B51W620 Series. Interior plaster primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.4 mils (0.036 mm).
- b. Finish Coats: Pro Industrial Waterbased Catalyzed Epoxy B73-360 Series. Interior low-luster epoxy applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 4.0 mils (0.103 mm).

E. Ferrous Metal:

1. Acrylic Finish: Two finish coats over a primer.

- a. Primer: Kem Kromik Universal Metal Primer B50WZ1 Series. Interior ferrous-metal primer applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.5 mils (0.038 mm).
- b. Finish Coats: Pro Industrial Acrylic Coating Gloss (Waterborne) B66-600 Series. Interior semigloss acrylic enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.5 mils (0.064 mm).

F. Concrete Slab Sealer:

1. Multi-Use Floor Coating: One-two finish coats over bare concrete.

- a. Finish Coats: Thoroughly clean the floor prior to applying floor coating. Do not over apply. Allow each coat to dry completely, normally 30 minutes before recoating with second coat.

3.5 INTERIOR STAIN AND NATURAL-FINISH WOODWORK SCHEDULE

A. Stain-Varnish Finish: Two finish coats of varnish over a sealer coat and interior wood stain. Wipe wood filler before applying stain. Applied at spreading rate recommended by manufacturer.

1. Stain Coat: Interior wood stain
2. Finish Coats: Interior waterborne polyurethane clear satin varnish.

B. Natural-Varnish Finish: Two finish coats of varnish over a sealer coat and a filler coat. Applied at spreading rate recommended by manufacturer.

1. Finish Coats: Interior waterborne polyurethane clear satin varnish.

END OF SECTION 09912