

**ADDENDUM NO. 2**

**1. GENERAL**

This document includes requirements that clarify or supersede portions of the bid and/or contract requirements for the project. This Addendum is a Contract Document.

**2. SUMMARY**

The following changes, additions and deletions shall be made to the following document(s); all other conditions shall remain the same.

Please note the attached is **DSA Addendum No. 1** issued as Bid Addendum No. 2.

- A. **Document:** *Narrative Memorandum* which summarizes this Addendum.
- B. **Document:** *Drawings List Memorandum*
- C. **Document:** *Drawings and Specifications*
- D. **Document:** *DSA IR A-18 – Civil*
- E. **Document:** *DSA IR A-18 – Electrical*
- F. **Document:** *DSA 103 – Listing of Structural Tests & Special Inspections*

END OF ADDENDUM



## MEMORANDUM

*To:* Wes Ogawa  
Senior Structural Engineer  
Division State Architects  
Department of General Services

*Date:* March 23, 2017

*From:* Brandon Kent  
Architect  
Gould Evans

*Project Name:* Mt. Pleasant High School

*Cc:*

*DSA No.:* 01-116168

*Subject:* Addendum No. 1 Drawing List

*File No:* 43-H10

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### Civil Drawings:

C4.00-A  
C4.01-A

### Architectural Drawings:

G111-A  
G112-A  
G113-A  
A131-A  
A621-A  
A911-A

### Electrical Drawings:

E301-A  
E401-A  
E601-A  
E702-A  
E804-A

- End of Addendum No.1 Drawing List -

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*To:* Wes Ogawa  
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*Date:* March 23, 2017

*From:* Brandon Kent  
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Gould Evans

*Project Name:* Mt. Pleasant High School

*Cc:*

*DSA No.:* 01-116168

*Subject:* Addendum No. 1 Narrative

*File No:* 43-H10

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### Civil Drawings:

#### Sheet C4.00-A

- Added Note 4 for concrete encasement at existing and proposed shallow drainage pipes under new concrete pavement.

#### Sheet C4.01-A

- Added Detail 6 for concrete encasement details.

### Architectural Drawings:

#### Sheet G111-A

- New sheet, construction fencing and access diagram

#### Sheet G112-A

- New sheet, construction fencing and access diagram

#### Sheet G113 A

- New sheet, construction fencing and access diagram

#### Sheet A131-A

- Added paint finish tags to RCP
- Revised the RCP legend to add paint finishes
- Added soffit reveal detail

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Sheet A621-A

- Detail 6 – Added new reveal at soffit, to separate PT.6 and PT.1

Sheet A911-A

- Revised paint tags
- Revised ACT.2 paint finish
- Added new paint to finish schedule

## Electrical Drawings:

Sheet E301-A

- Removed wall mounted key pad controller in Electrical Room adjacent to door into IDF Room. Key pad controller is located within the IDF Room.

Sheet E401-A

- Relocated Fire Alarm Control Panel and Fire Alarm Booster Panel in IDF Room from wall behind door to new wall location near northeast corner.

Sheet E601-A

- Detail B – Rearranged wall mounted telecommunications equipment around IDF Room. Added speaker device, security system camera, key pad controller and area motion sensor, wall telecommunications device and 100 pair 110 termination blocks. Relocated Fire Alarm Control Panel and Fire Alarm Booster Panel near northeast corner of room (see Drawing E401-A comment above).
- Detail C – Revised layout of overhead 12" ladder style cable tray in IDF Room.

Sheet E702-A

- Detail A – Revised Building Fiber Riser Diagram per school district IT system standards/requirements.
- Detail B – Revised Building Copper Riser Diagram per school district IT system standards/requirements.
- Detail C – Revised Intrusion Alarm System Riser Diagram per school district IT system standards/requirements.

Sheet E804-A

- Detail A – Revised Equipment Rack Base Support and Elevation detail per school district IT system standards/requirements.

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## Architectural Specs:

### 00 01 10 Table of Contents

- Revised table of contents; removes products not used in the project and adds in new products

### 06 20 00 Finish Carpentry

- Removed cantilevered bookshelf with steel reinforcing dowels and plate hooks

### 06 40 00 Architectural Woodwork

- Added solid wood bookcases as a replacement to cantilevered bookshelf

### 08 87 00 Glazing Surface Film New

- New section, added glazing surface film

### 09 51 00 Acoustical Ceilings

- Removed section 09 77 10: Acoustical Wall Panels

### 09 65 20 Resilient Tile Flooring

- Revised vinyl planks to be vinyl tiles

### 09 68 10 Tile Carpeting

- Added new carpet tiles to basis of design

### 09 85 50 Wood Fiber Cement Acoustic Panels

- New section, added for acoustic panels as replacement to 09 77 10

### 10 11 10 Markerboards

- New section, added marker boards, revised exterior bulletin board

### 10 12 00 Exterior Bulletin Boards

- New sections, added exterior marker board product

### 10 26 10 Stainless Steel Corner Guards

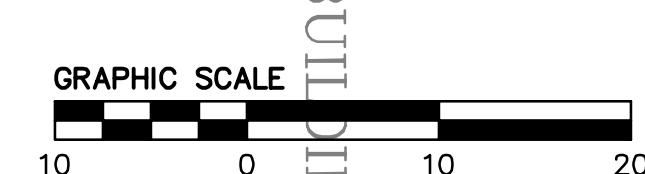
- New section, added stainless steel corner guards



- End of Addendum No.1 Narrative -



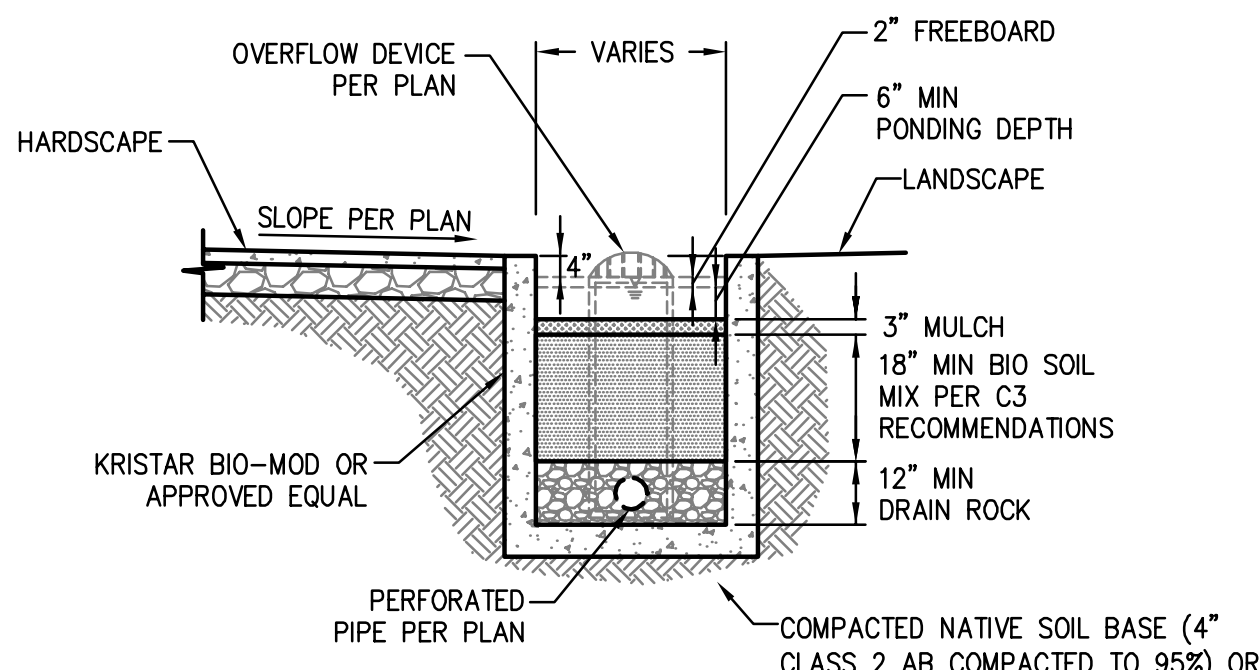
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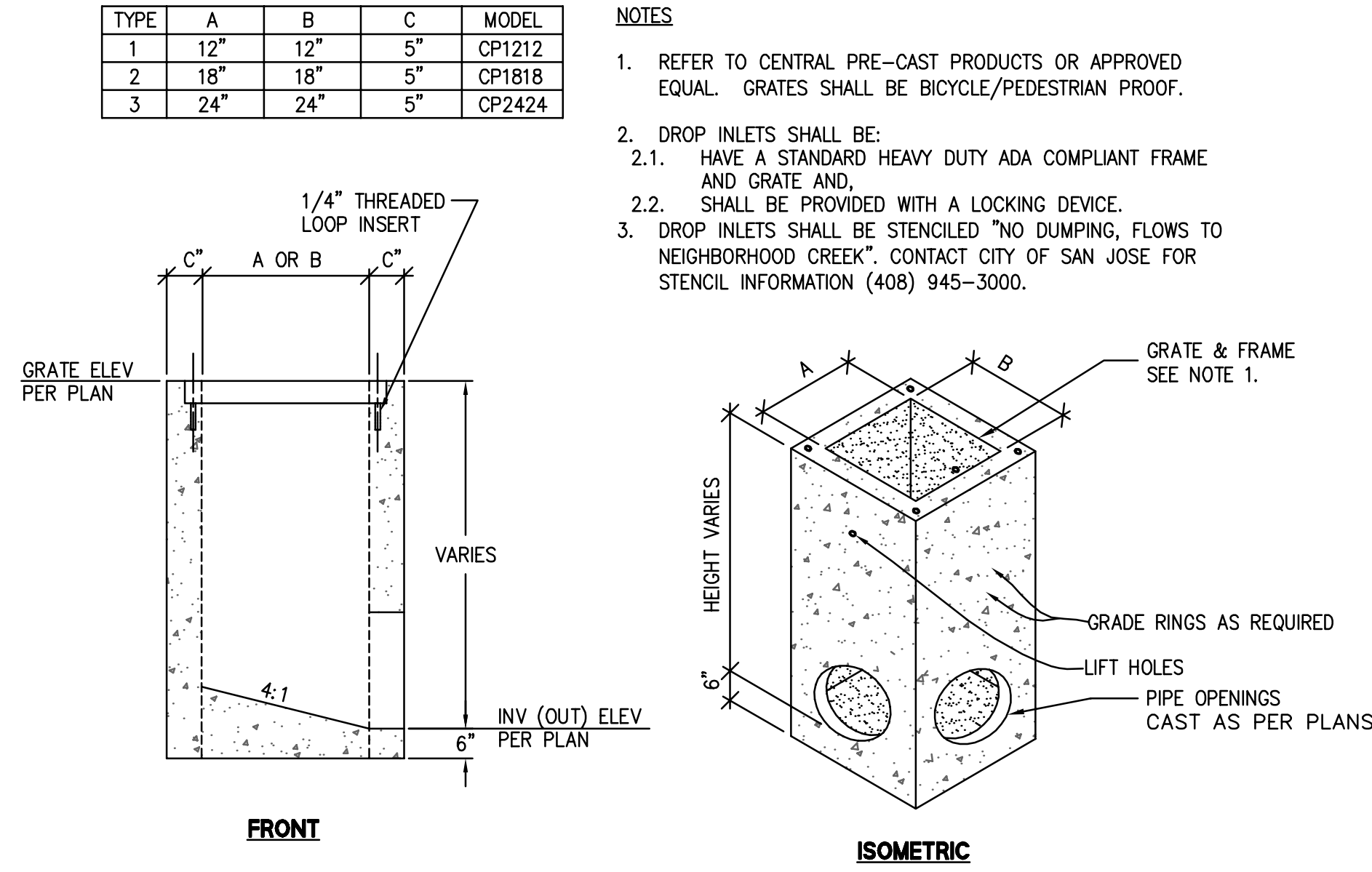


DRAWING NAME: K:\2015\50211 Mt Pleasant HS-ESUBS\ENVSHEETS\MPHS-C-400-A.dwg (C4.01)  
PLOT TIME: 03-21-17 4:01pm PLOT BY: psn

1 TYPICAL BIO-MODULAR STRUCTURE SECTION  
N.T.S.

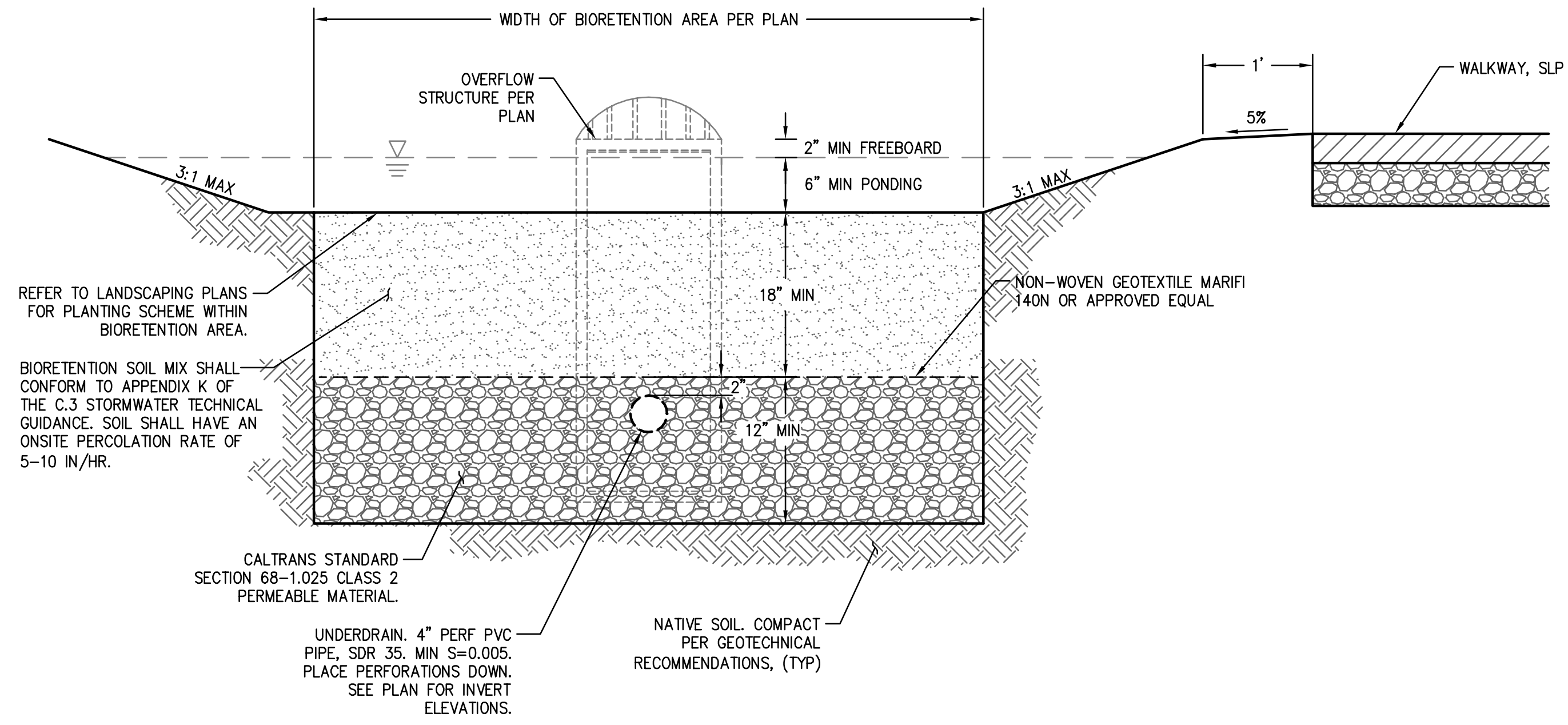


2 STORM DRAIN CATCH BASIN  
N.T.S.

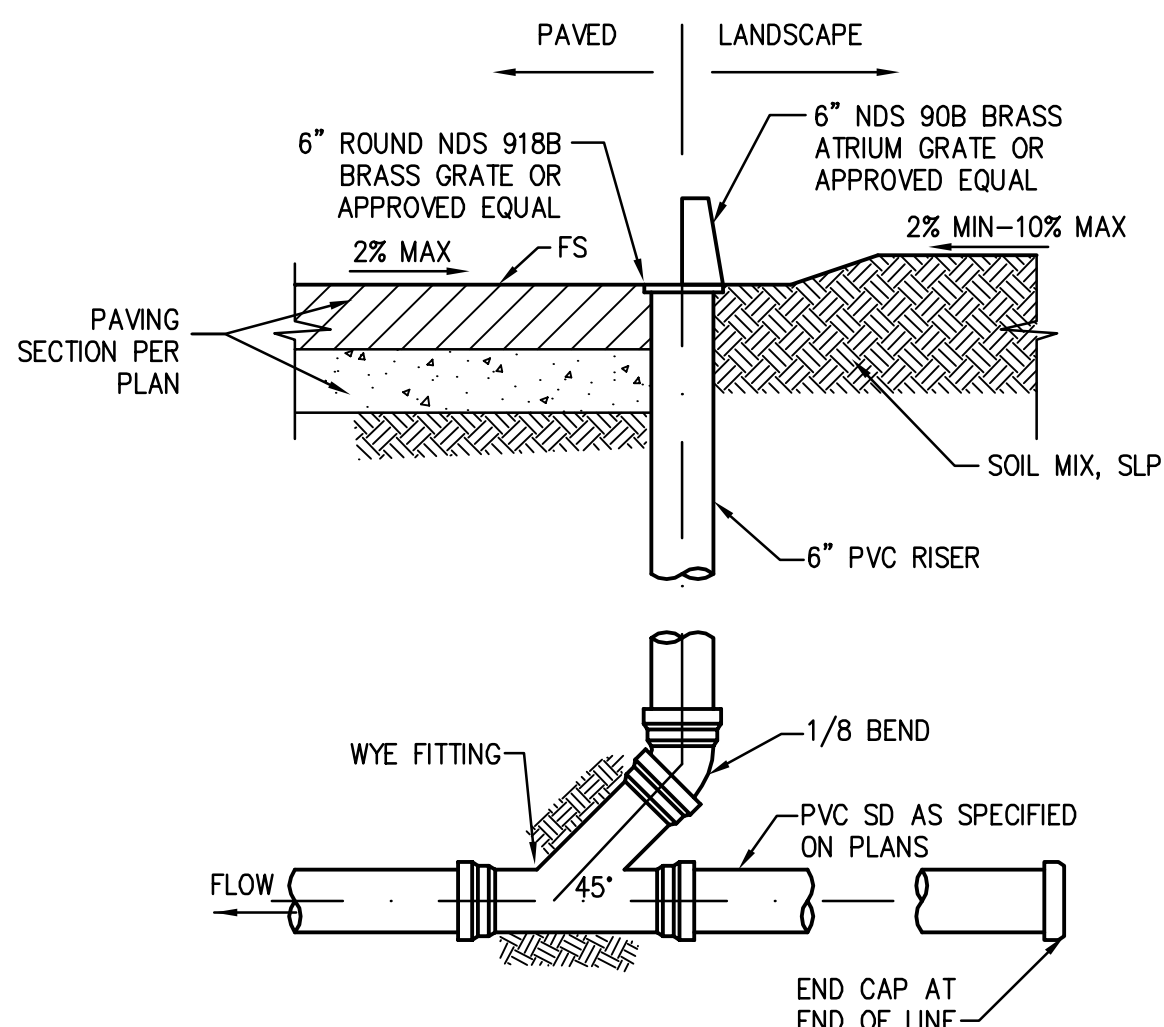


- NOTES
1. REFER TO CENTRAL PRE-CAST PRODUCTS OR APPROVED EQUAL. GRATES SHALL BE BICYCLE/PEDESTRIAN PROOF.
  2. DROP INLETS SHALL BE:
    - 2.1. HAVE A STANDARD HEAVY DUTY ADA COMPLIANT FRAME AND GRATE AND.
    - 2.2. SHALL BE PROVIDED WITH A LOCKING DEVICE.
  3. DROP INLETS SHALL BE STENCILED "NO DUMPING, FLOWS TO NEIGHBORHOOD CREEK". CONTACT CITY OF SAN JOSE FOR STENCIL INFORMATION (408) 945-3000.

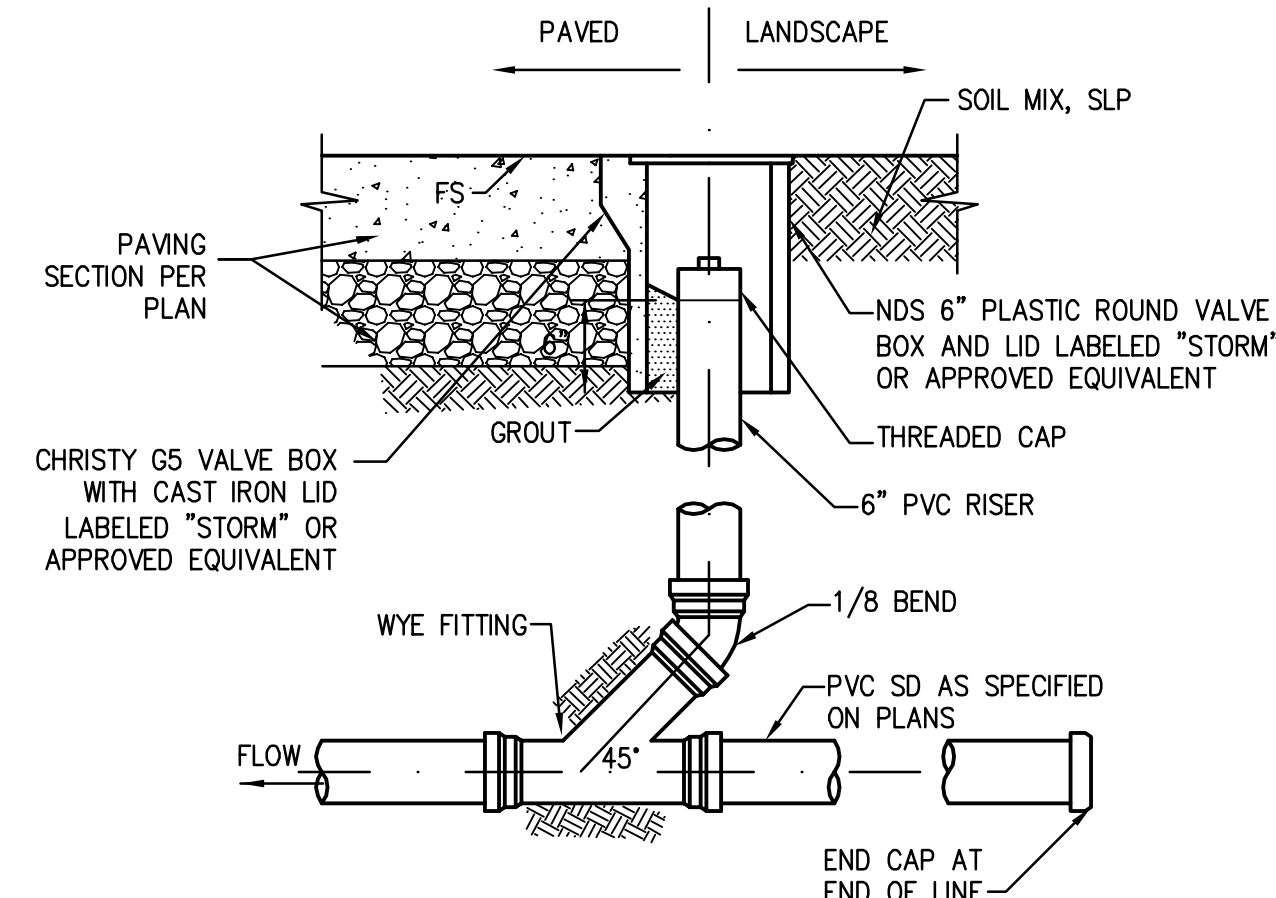
3 BIORETENTION AREA IN LANDSCAPE  
N.T.S.



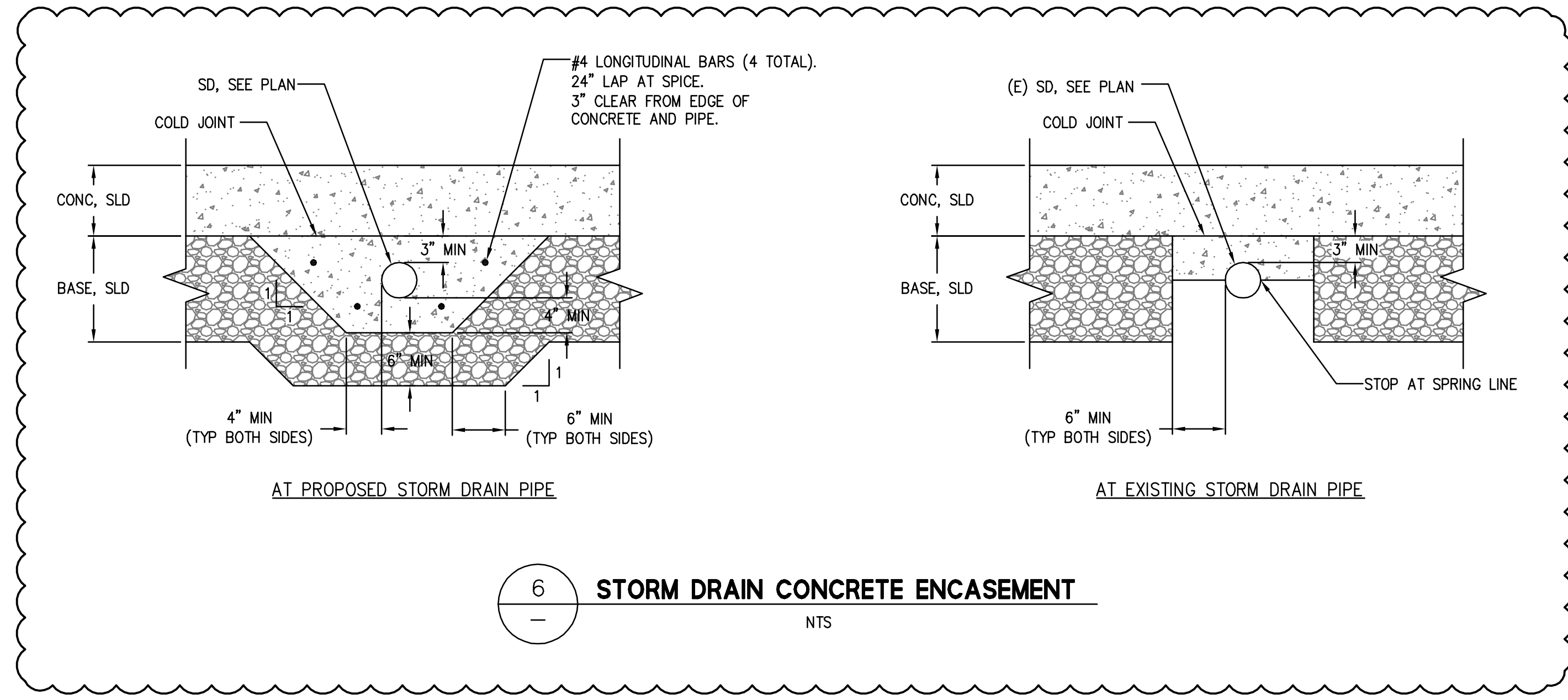
4 AREA DRAIN  
NTS



5 CLEANOUT  
NTS



6 STORM DRAIN CONCRETE ENCASEMENT  
NTS



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## Mt. Pleasant High School

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DATE SIGNED 2/14/17

Number	Revision Description	Date
1	Bid Addendum No. 1	03/23/2017

DIVISION OF THE STATE ARCHITECT	
APPLICATION # : 01-116168	
FILE # : 43-H10	
AC: _____	FLS: _____
SSS: _____	DATE: _____
IDENTIFICATION STAMP	

Project No 1115-0130  
Date: February 15, 2017  
Sheet:

CONSTRUCTION DETAILS

C4.01-A

PERMIT BACKCHECK



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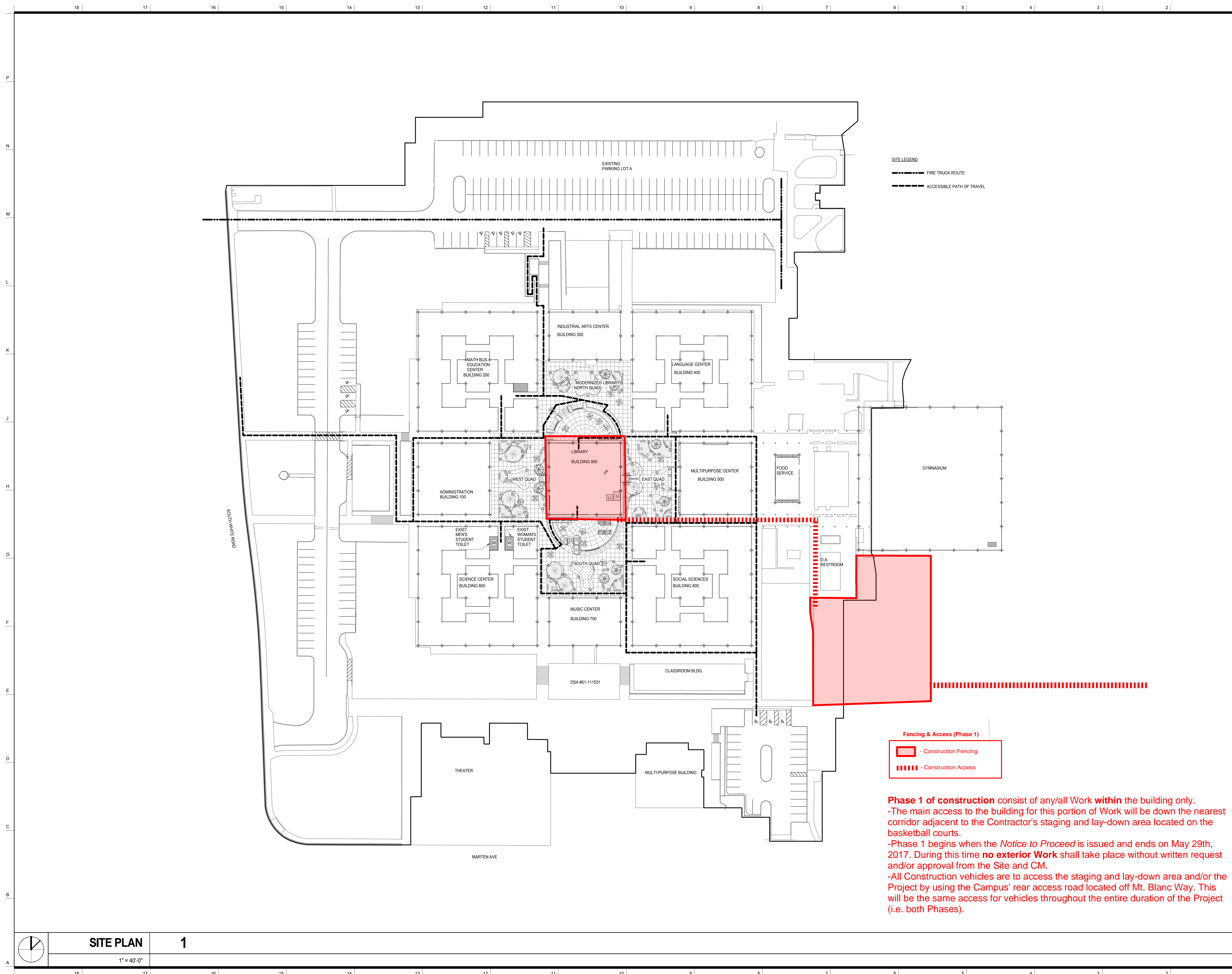
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FILE # : 43-H10	
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SSS: _____	DATE: _____
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Project No 1115-0130  
Date: March 23, 2017  
Sheet:

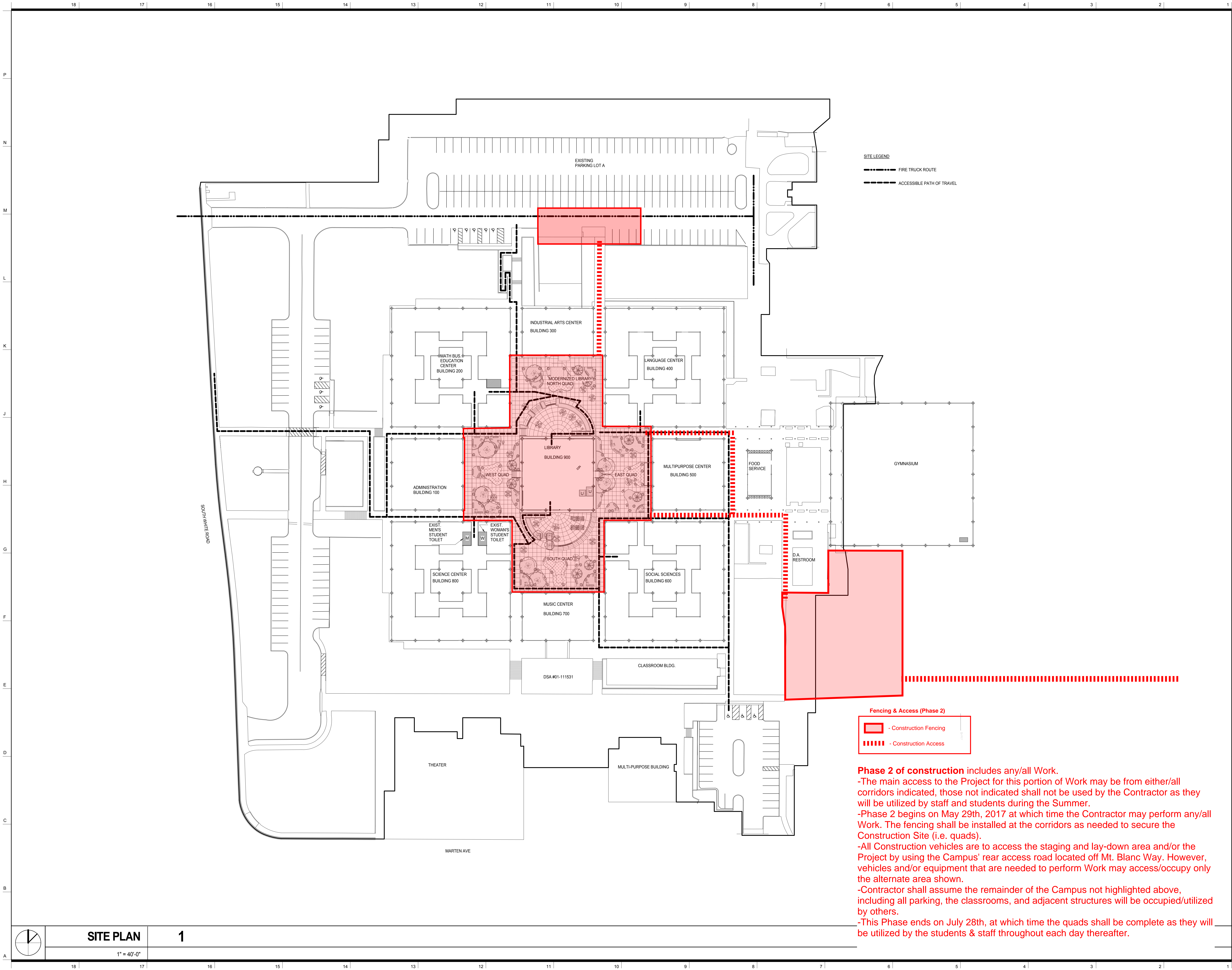
CONSTRUCTION FENCING  
& ACCESS (PHASE 1)

G111-A

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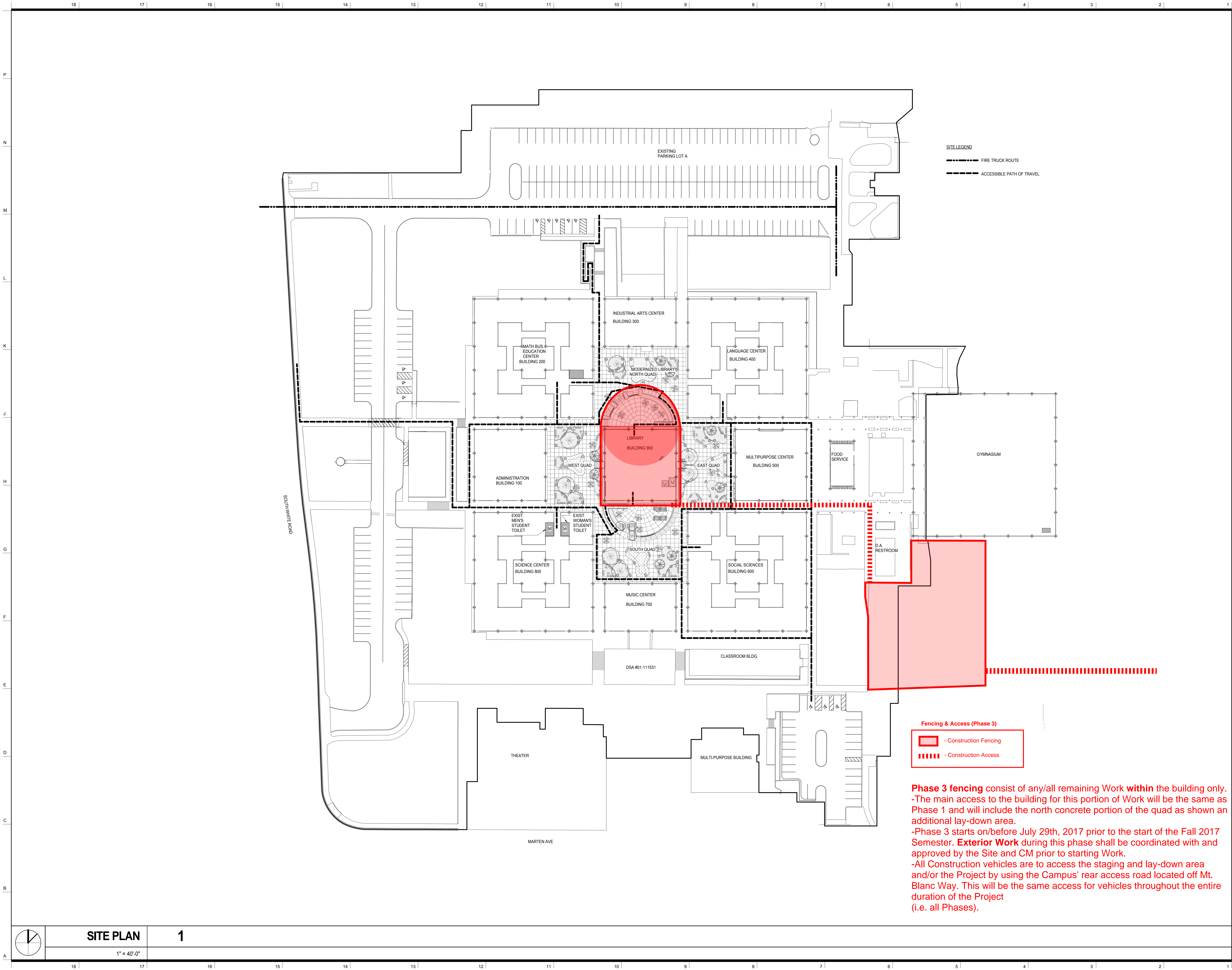
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Project No	1115-0130
Date:	March 23, 2017
Sheet:	

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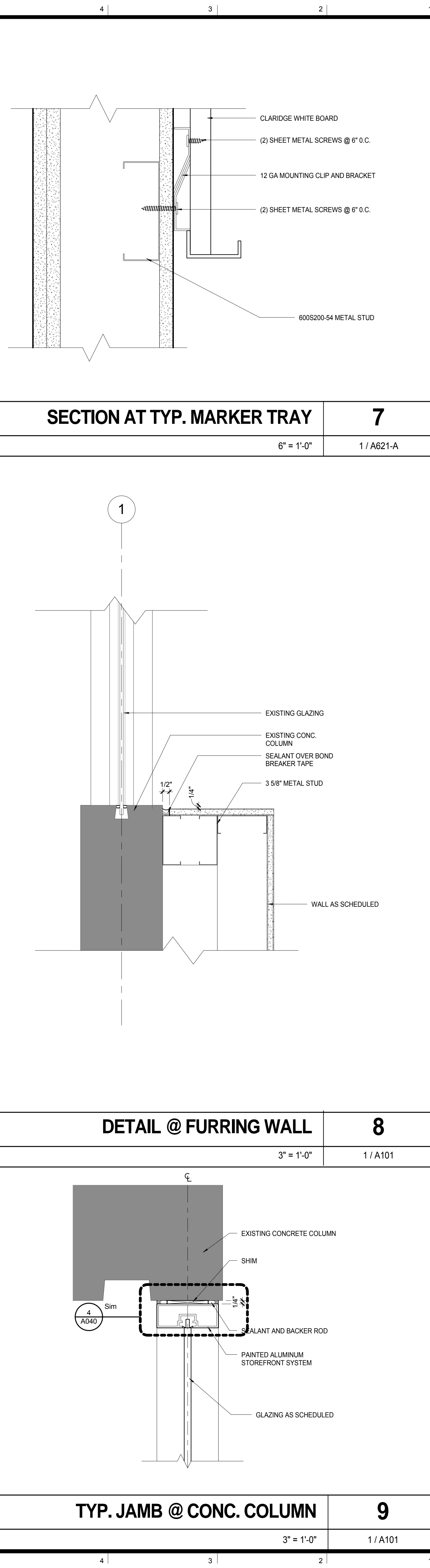
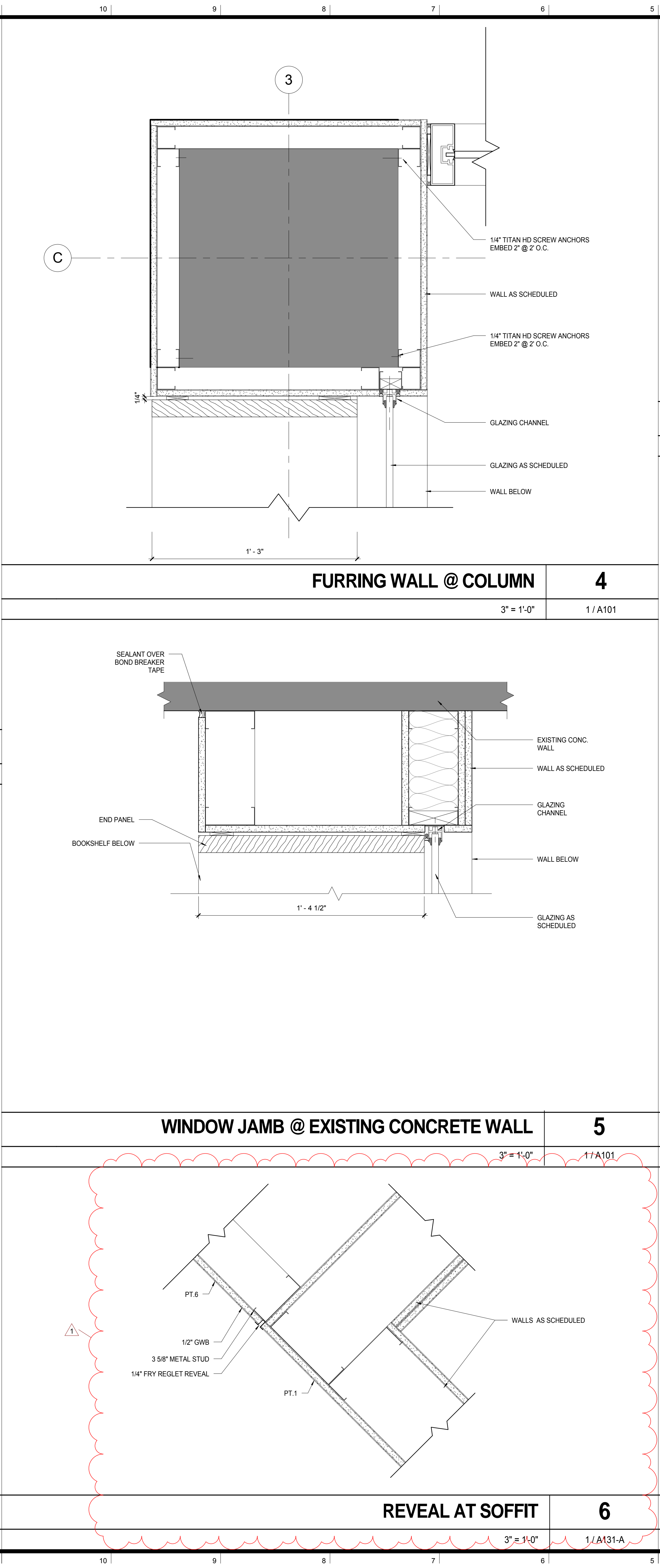
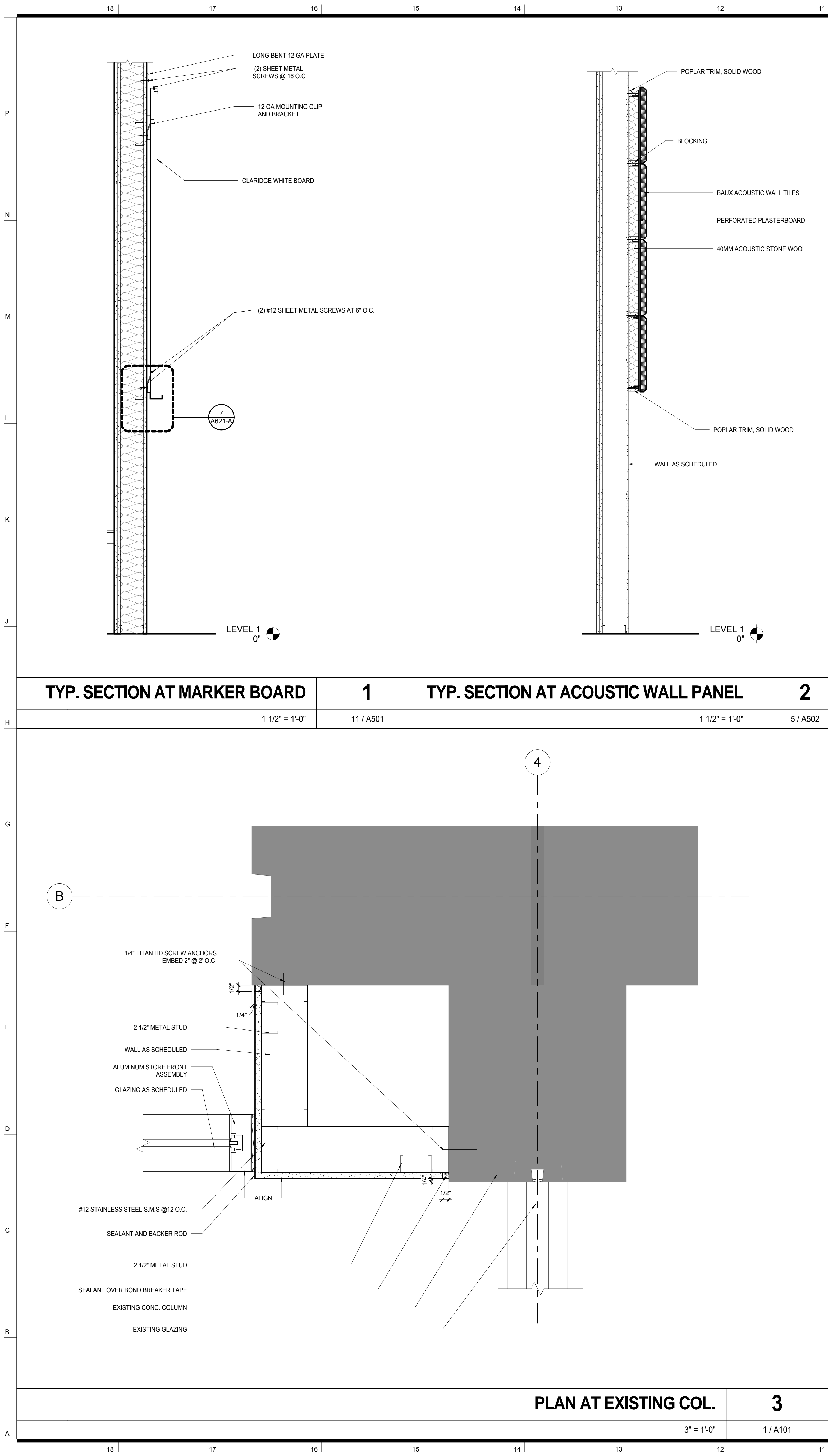
G113-A

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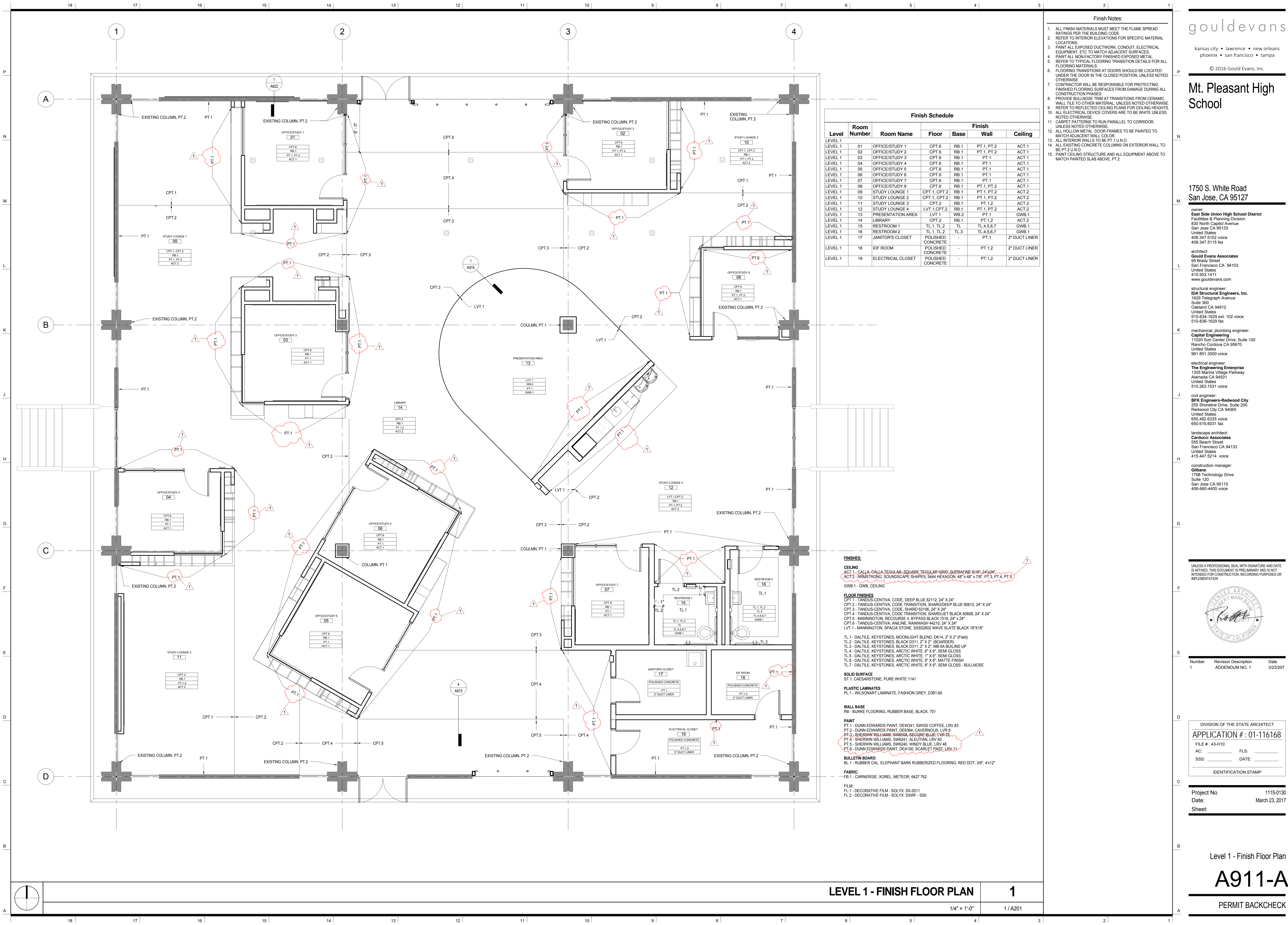
Project No 1115-0130  
Date: March 23, 2017  
Sheet:

Interior Details

A621-A

PERMIT BACKCHECK





Finish Schedule						
Level	Room Number	Room Name	Finish			
			Floor	Base	Wall	Ceiling
LEVEL 1	01	OFFICE/STUDY 1	CPT.6	RB.1	PT.1, PT.2	ACT.1
LEVEL 1	02	OFFICE/STUDY 2	CPT.6	RB.1	PT.1, PT.2	ACT.1
LEVEL 1	03	OFFICE/STUDY 3	CPT.6	RB.1	PT.1	ACT.1
LEVEL 1	04	OFFICE/STUDY 4	CPT.6	RB.1	PT.1	ACT.1
LEVEL 1	05	OFFICE/STUDY 5	CPT.6	RB.1	PT.1	ACT.1
LEVEL 1	06	OFFICE/STUDY 6	CPT.6	RB.1	PT.1	ACT.1
LEVEL 1	07	OFFICE/STUDY 7	CPT.6	RB.1	PT.1	ACT.1
LEVEL 1	08	OFFICE/STUDY 8	CPT.6	RB.1	PT.1, PT.2	ACT.1
LEVEL 1	09	STUDY LOUNGE 1	CPT.1, CPT.2	RB.1	PT.1, PT.2	ACT.2
LEVEL 1	10	STUDY LOUNGE 2	CPT.1, CPT.2	RB.1	PT.1, PT.2	ACT.2
LEVEL 1	11	STUDY LOUNGE 3	CPT.2	RB.1	PT.1, PT.2	ACT.2
LEVEL 1	12	STUDY LOUNGE 4	LVT.1, CPT.2	RB.1	PT.1, PT.2	ACT.2
LEVEL 1	13	PRESENTATION AREA	LVT.1	WB.2	PT.1	GBW.1
LEVEL 1	14	LIBRARY	CPT.2	RB.1	PT.1, PT.2	ACT.2
LEVEL 1	15	RESTROOM 1	TL.1, TL.2	TL	TL.4,5,6,7	GBW.1
LEVEL 1	16	RESTROOM 2	TL.1, TL.2	TL	TL.4,5,6,7	GBW.1
LEVEL 1	17	JANITOR'S CLOSET	POLISHED CONCRETE	-	PT.1	2" DUCT LINER
LEVEL 1	18	IDF ROOM	POLISHED CONCRETE	-	PT.1,2	2" DUCT LINER
LEVEL 1	19	ELECTRICAL CLOSET	POLISHED CONCRETE	-	PT.1,2	2" DUCT LINER

- Finish Notes:
1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
  2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
  3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.
  4. PAINT ALL NON-FACTORY FINISHED EXPOSED METAL.
  5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.
  6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.
  7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
  8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
  9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
  10. ALL ELECTRICAL DEVICE COVERS ARE TO BE WHITE UNLESS NOTED OTHERWISE.
  11. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.
  12. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR.
  13. ALL INTERIOR WALLS TO BE PT.1 U.N.O.
  14. ALL EXISTING CONCRETE COLUMNS ON EXTERIOR WALL TO BE PT.2 U.N.O.
  15. PAINT CEILING STRUCTURE AND ALL EQUIPMENT ABOVE TO MATCH PAINTED SLAB ABOVE, PT.2

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APPLICATION # : 01-116168	
FILE # : 43-H10	FLS: _____
AC: _____	DATE: _____
SSS: _____	
IDENTIFICATION STAMP	

Project No 1115-0130  
Date: March 23, 2017  
Sheet:

Level 1 - Finish Floor Plan

# A911-A

PERMIT BACKCHECK

LEVEL 1 - FINISH FLOOR PLAN

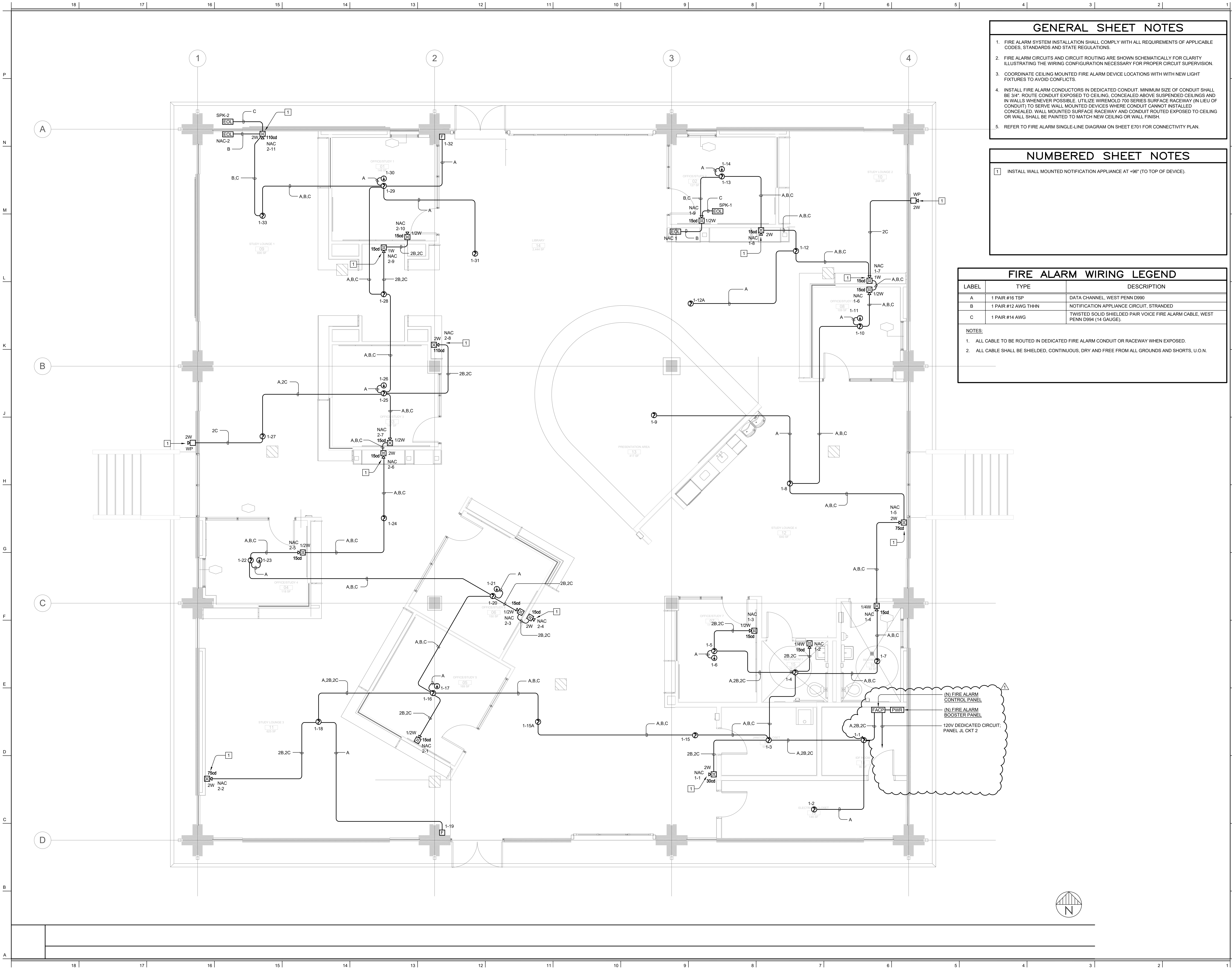
1

1/4" = 1'-0"

1 / A201







## GENERAL SHEET NOTES

1. FIRE ALARM SYSTEM INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF APPLICABLE CODES, STANDARDS AND STATE REGULATIONS.
2. FIRE ALARM CIRCUITS AND CIRCUIT ROUTING ARE SHOWN SCHEMATICALLY FOR CLARITY ILLUSTRATING THE WIRING CONFIGURATION NECESSARY FOR PROPER CIRCUIT SUPERVISION.
3. COORDINATE CEILING MOUNTED FIRE ALARM DEVICE LOCATIONS WITH WITH NEW LIGHT FIXTURES TO AVOID CONFLICTS.
4. INSTALL FIRE ALARM CONDUCTORS IN DEDICATED CONDUIT. MINIMUM SIZE OF CONDUIT SHALL BE 3/4". ROUTE CONDUIT EXPOSED TO CEILING, CONCEALED ABOVE SUSPENDED CEILINGS AND IN WALLS WHENEVER POSSIBLE. UTILIZE WIREMOLD 700 SERIES SURFACE RACEWAY (IN LIEU OF CONDUIT) TO SERVE WALL MOUNTED DEVICES WHERE CONDUIT CANNOT INSTALLED CONCEALED. WALL MOUNTED SURFACE RACEWAY AND CONDUIT ROUTED EXPOSED TO CEILING OR WALL SHALL BE PAINTED TO MATCH NEW CEILING OR WALL FINISH.
5. REFER TO FIRE ALARM SINGLE-LINE DIAGRAM ON SHEET E701 FOR CONNECTIVITY PLAN.

## NUMBERED SHEET NOTES

1. INSTALL WALL MOUNTED NOTIFICATION APPLIANCE AT +96" (TO TOP OF DEVICE).

## FIRE ALARM WIRING LEGEND

LABEL	TYPE	DESCRIPTION
A	1 PAIR #16 TSP	DATA CHANNEL, WEST PENN D990
B	1 PAIR #12 AWG THHN	NOTIFICATION APPLIANCE CIRCUIT, STRANDED
C	1 PAIR #14 AWG	TWISTED SOLID SHIELDED PAIR VOICE FIRE ALARM CABLE, WEST PENN D994 (14 GAUGE).

### NOTES:

1. ALL CABLE TO BE ROUTED IN DEDICATED FIRE ALARM CONDUIT OR RACEWAY WHEN EXPOSED.
2. ALL CABLE SHALL BE SHIELDED, CONTINUOUS, DRY AND FREE FROM ALL GROUNDS AND SHORTS, U.O.N.

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## Mt. Pleasant High School

1750 S. White Road  
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Facilities & Planning Division  
830 North Capitol Avenue  
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408.347.5115 fax

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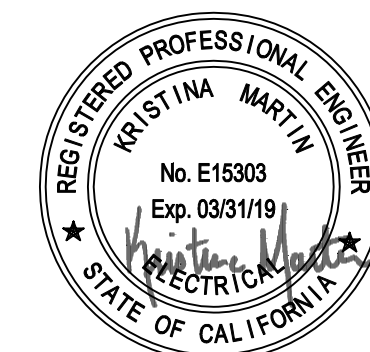
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Number Revision Description Date  
1 BID ADDENDUM #1 03/23/17

DIVISION OF THE STATE ARCHITECT  
APPLICATION # : 01-116168  
FILE # : 43-H10  
AC: \_\_\_\_\_ FLS: \_\_\_\_\_  
SSS: \_\_\_\_\_ DATE: \_\_\_\_\_  
IDENTIFICATION STAMP

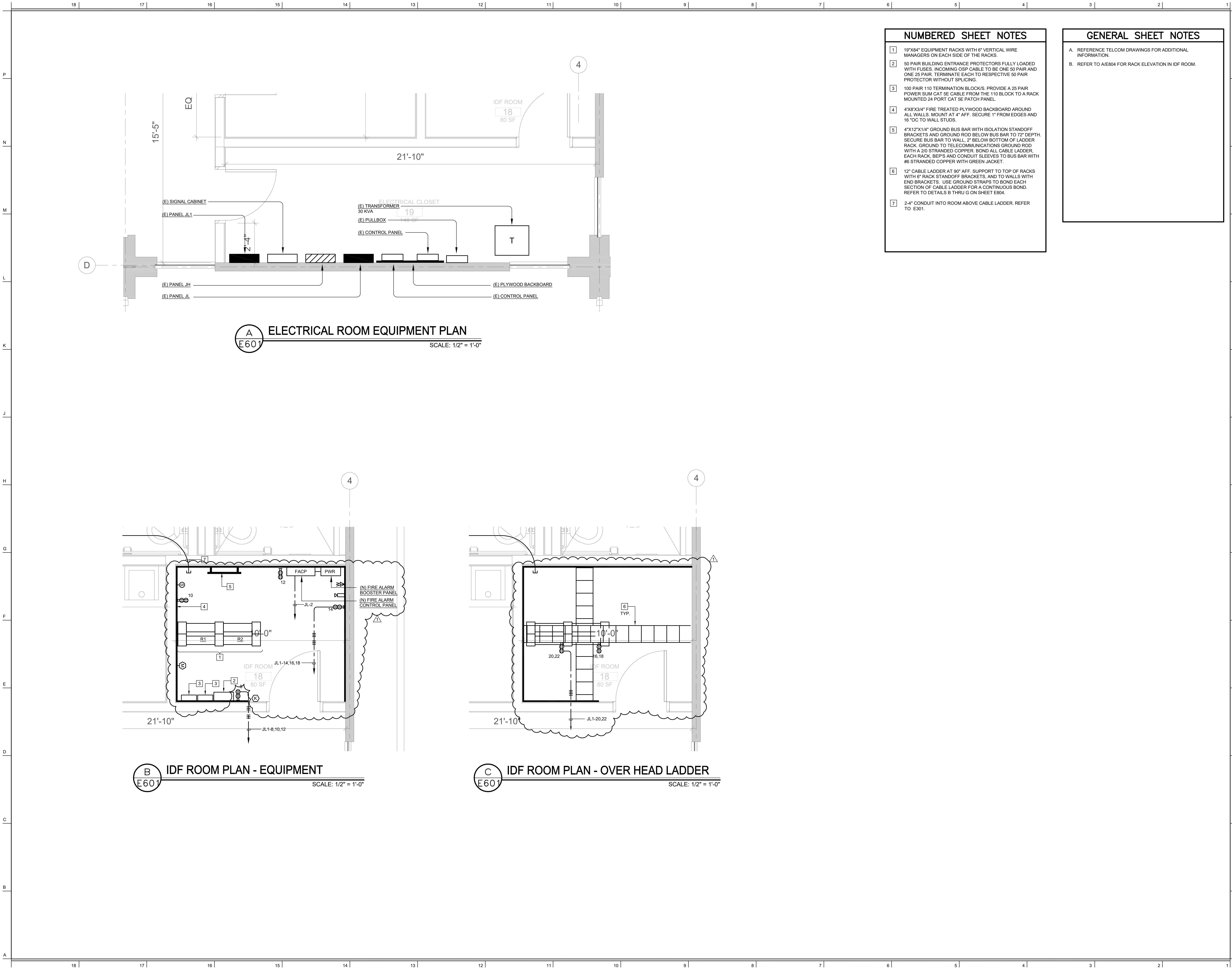
Project No 1115-0130  
Date February 15, 2017  
Sheet:

FIRE ALARM PLAN

E401-A

PERMIT BACKCHECK





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SSS: _____	
IDENTIFICATION STAMP	

Project No 1115-0130  
Date: February 15, 2017  
Sheet:

ELECTRICAL ROOM LAYOUTS

E601-A

PERMIT BACKCHECK

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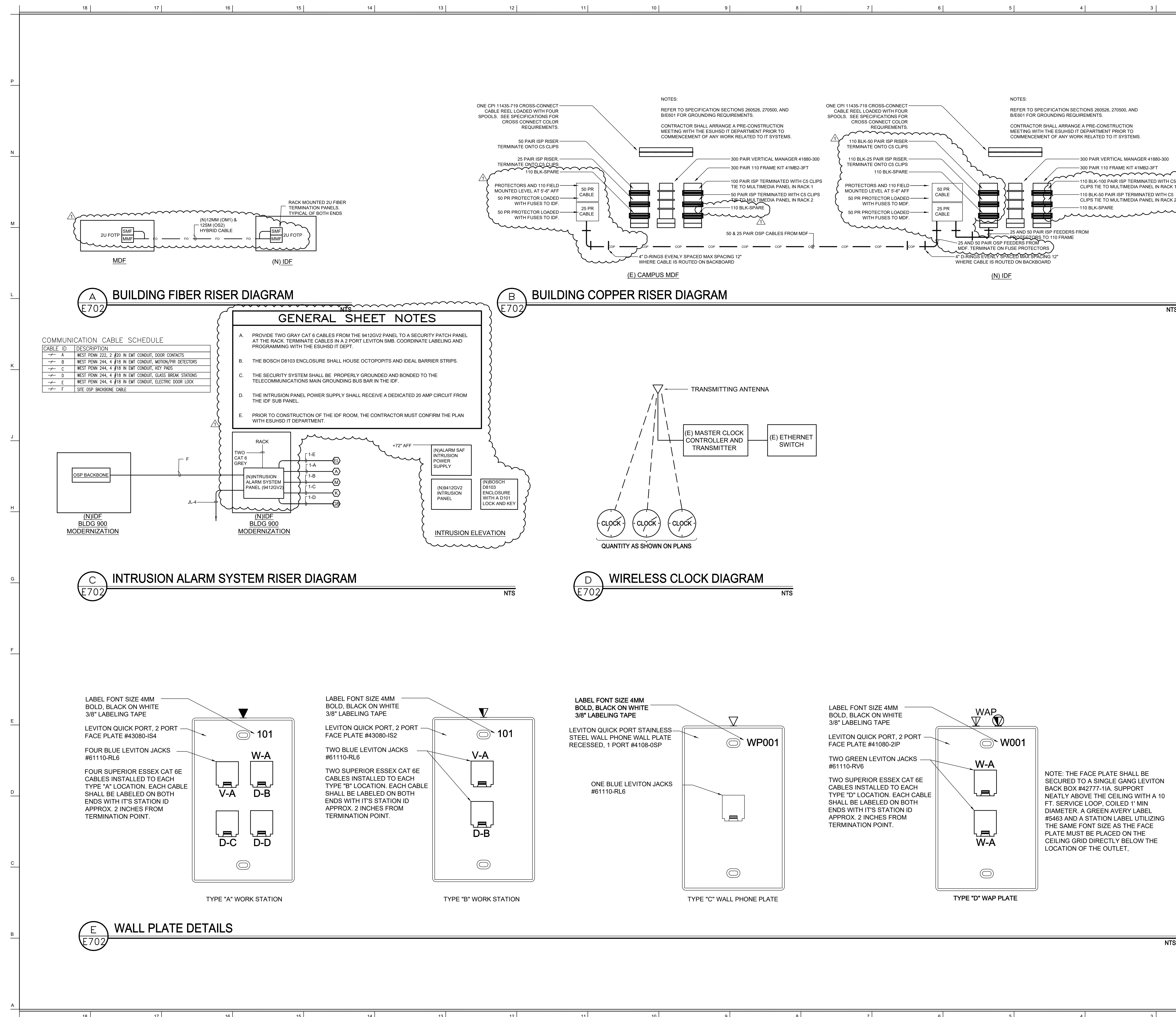
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Project No 1115-013  
Date: February 15, 201  
Sheet:

## LOW VOLTAGE RISER DIAGRAMS

PERMIT BACKCHECK





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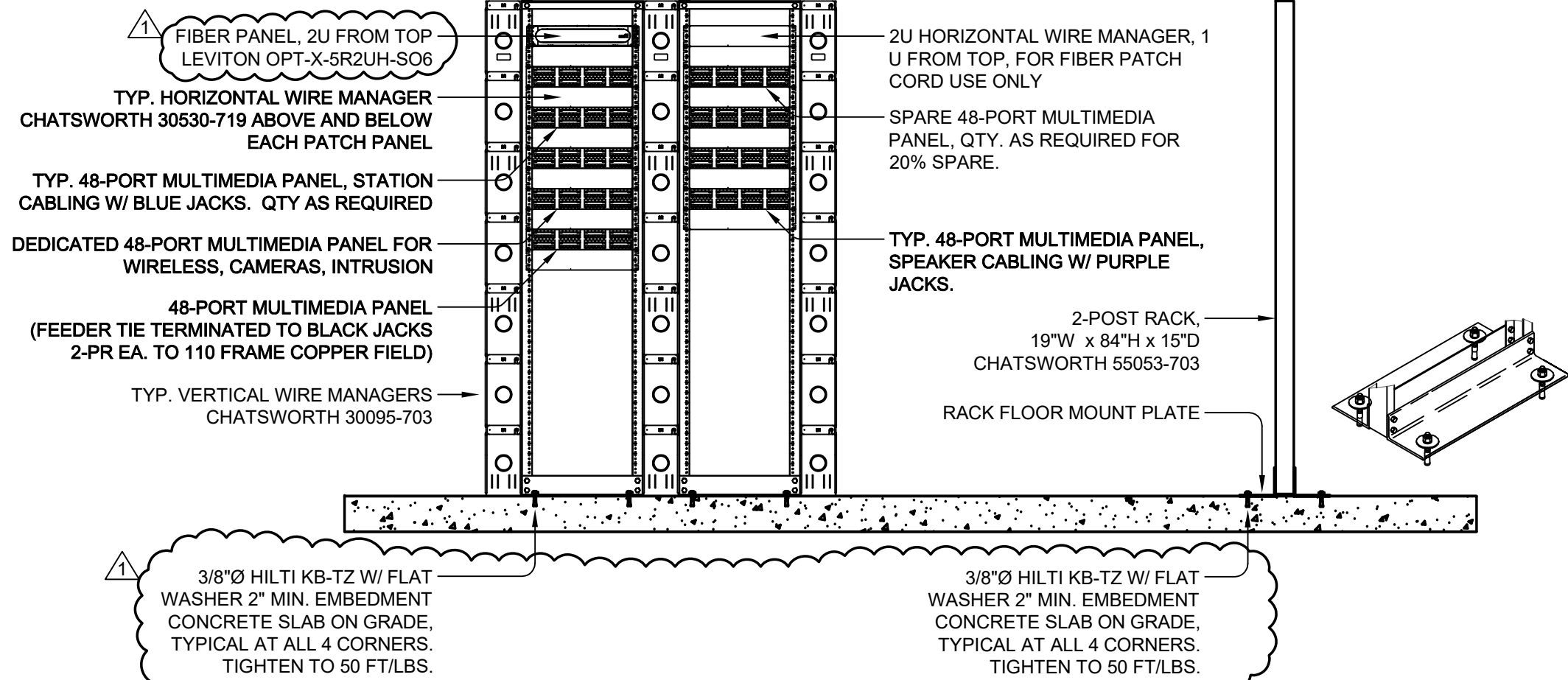
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APPLICATION # : 01-116168	
FILE # : 43-H10	FLS: _____
AC: _____	DATE: _____
SSS: _____	
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Project No 1115-0130  
Date: February 15, 2017  
Sheet:

ELECTRICAL DETAILS

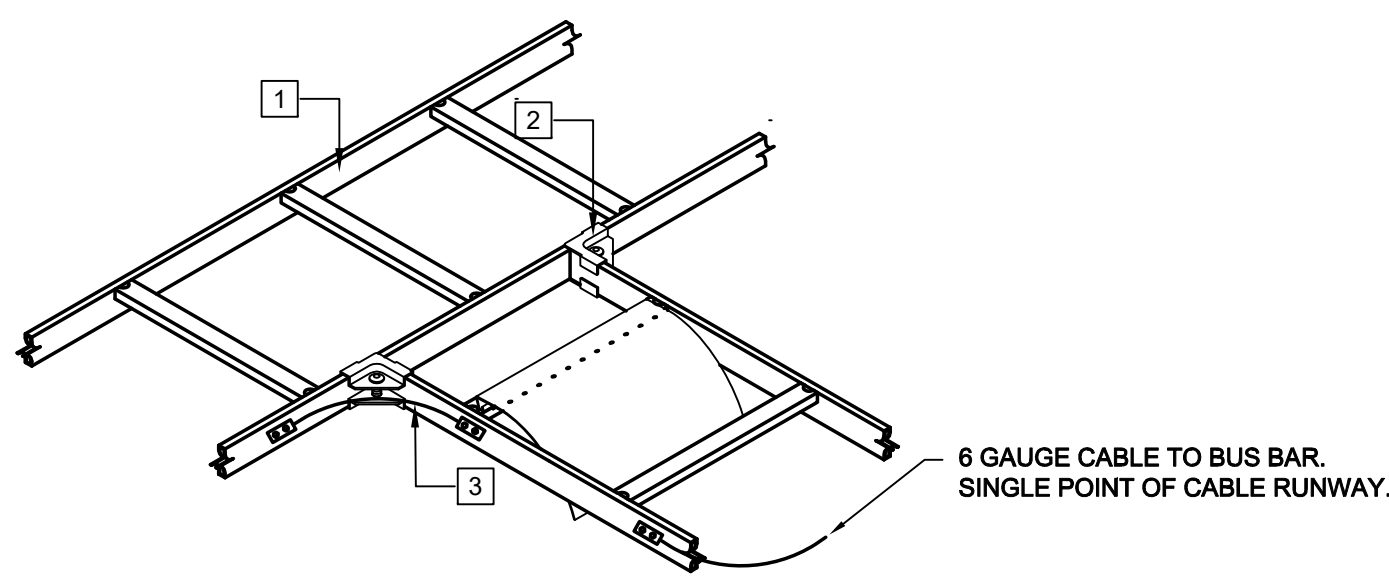
E804-A

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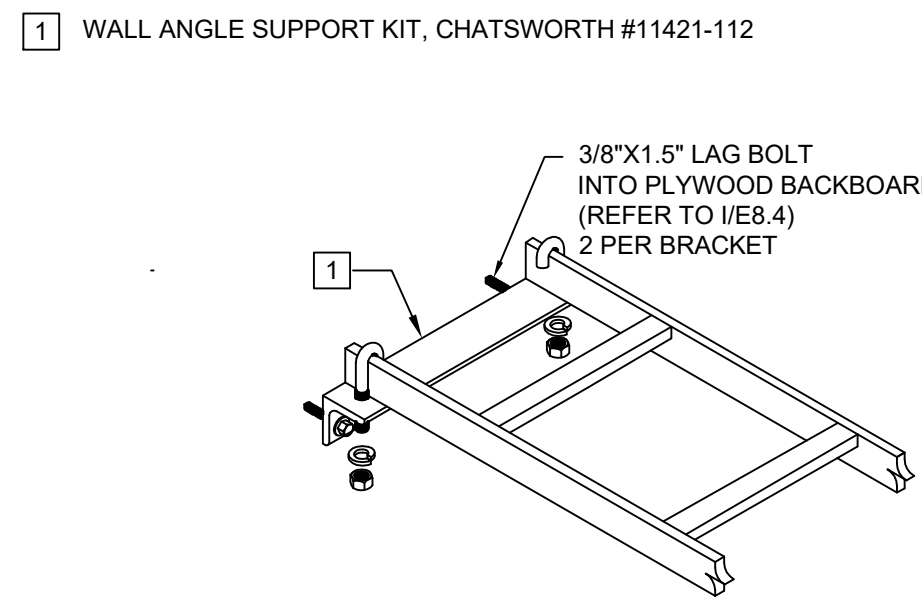


A E804 EQUIPMENT RACK BASE SUPPORT & ELEVATION NTS

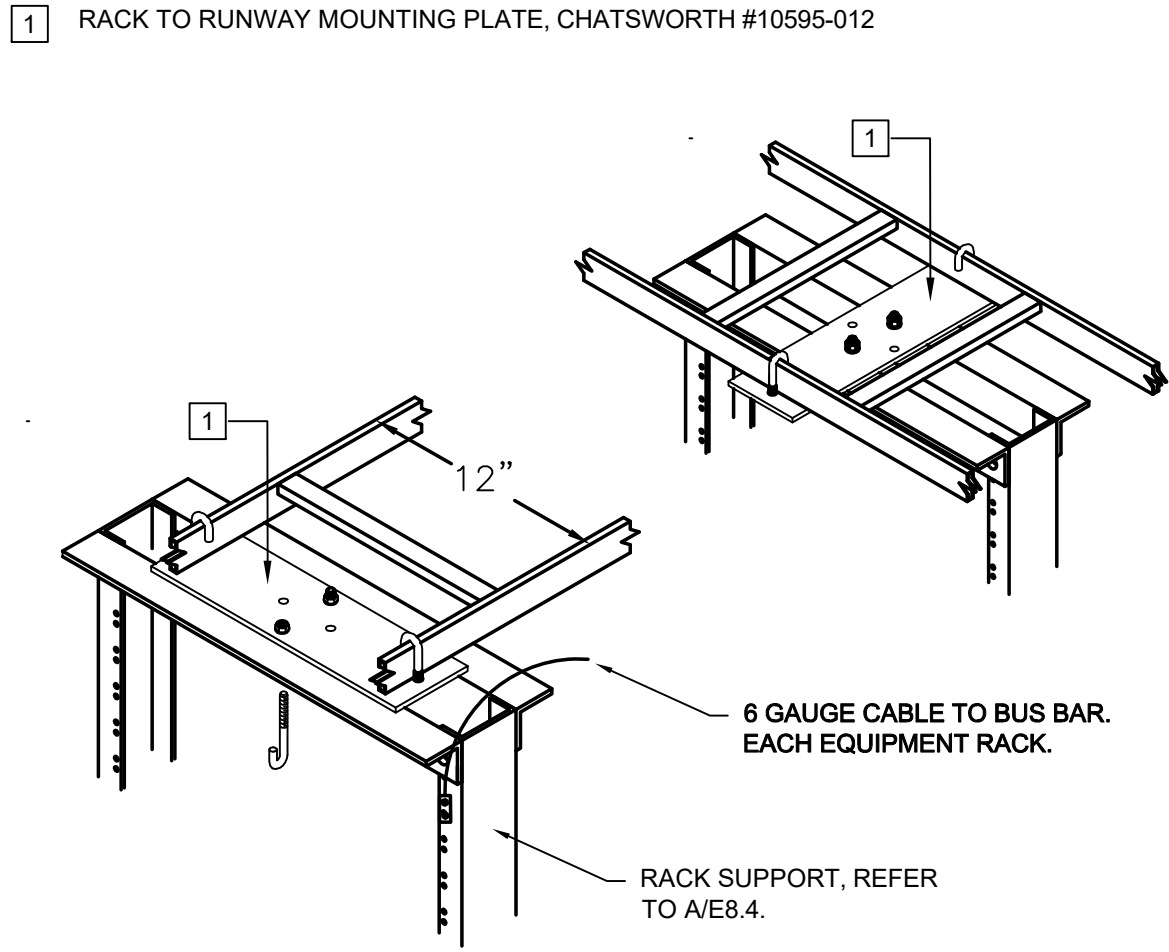
- 1 CABLE LADDER, CHATSWORTH #11275-012
- 2 JUNCTION SPLICE KIT, CHATSWORTH #16302-001
- 3 6 GAUGE GROUND STRAP WITH 2 BOLT GROUND LUGS AT EACH JUNCTION. SCRAPE PAINT FROM CABLE LADDER AND DRILL TWO HOLES. SECURE TO LADDER WITH BOLTS, WASHERS AND NUTS SIZE AS REQUIRED.



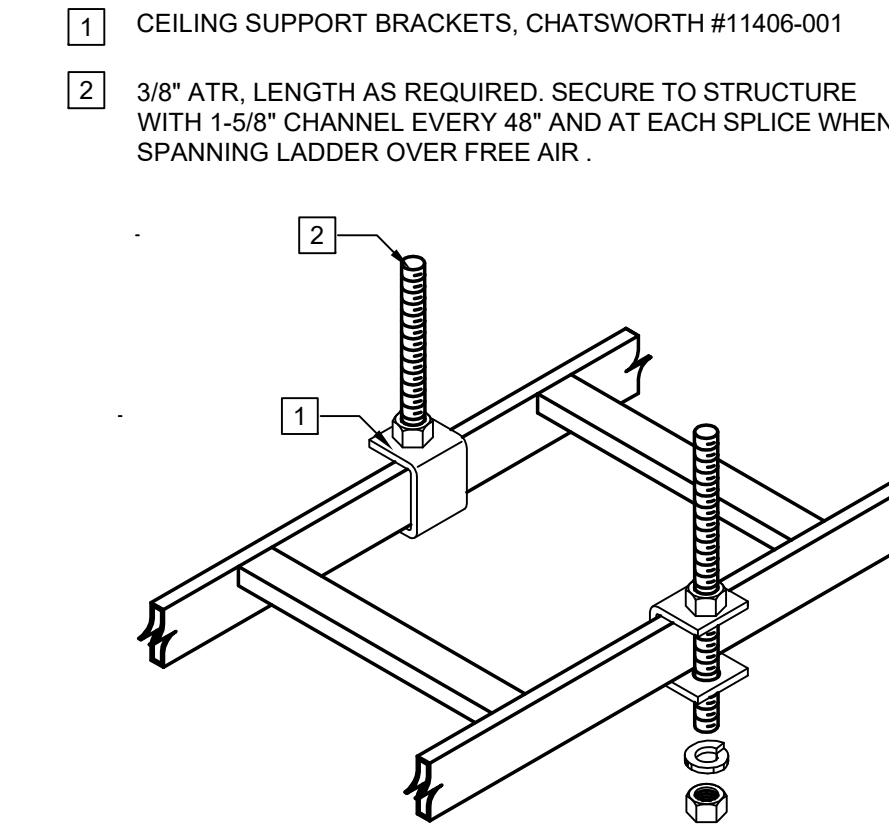
D E804 LADDER JUNCTION KIT NTS



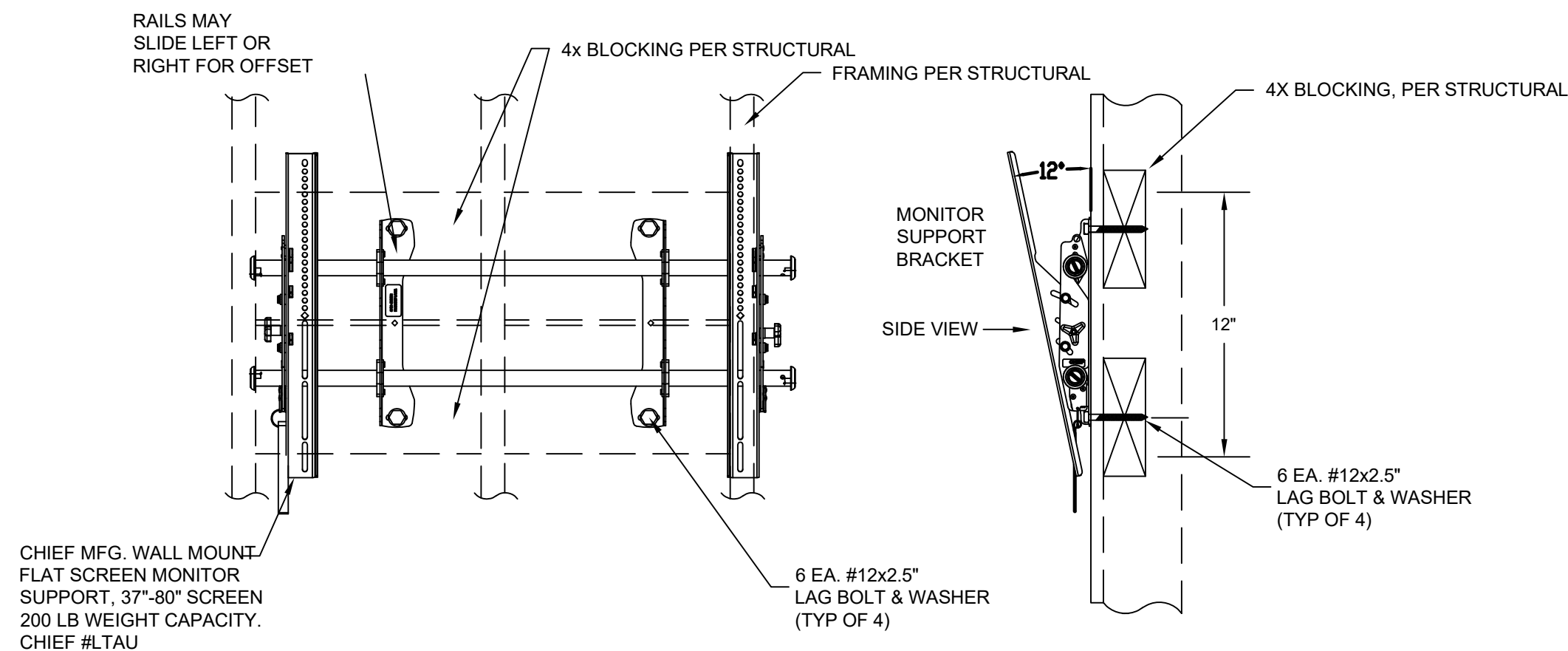
E E804 LADDER END SUPPORT BRACKET NTS



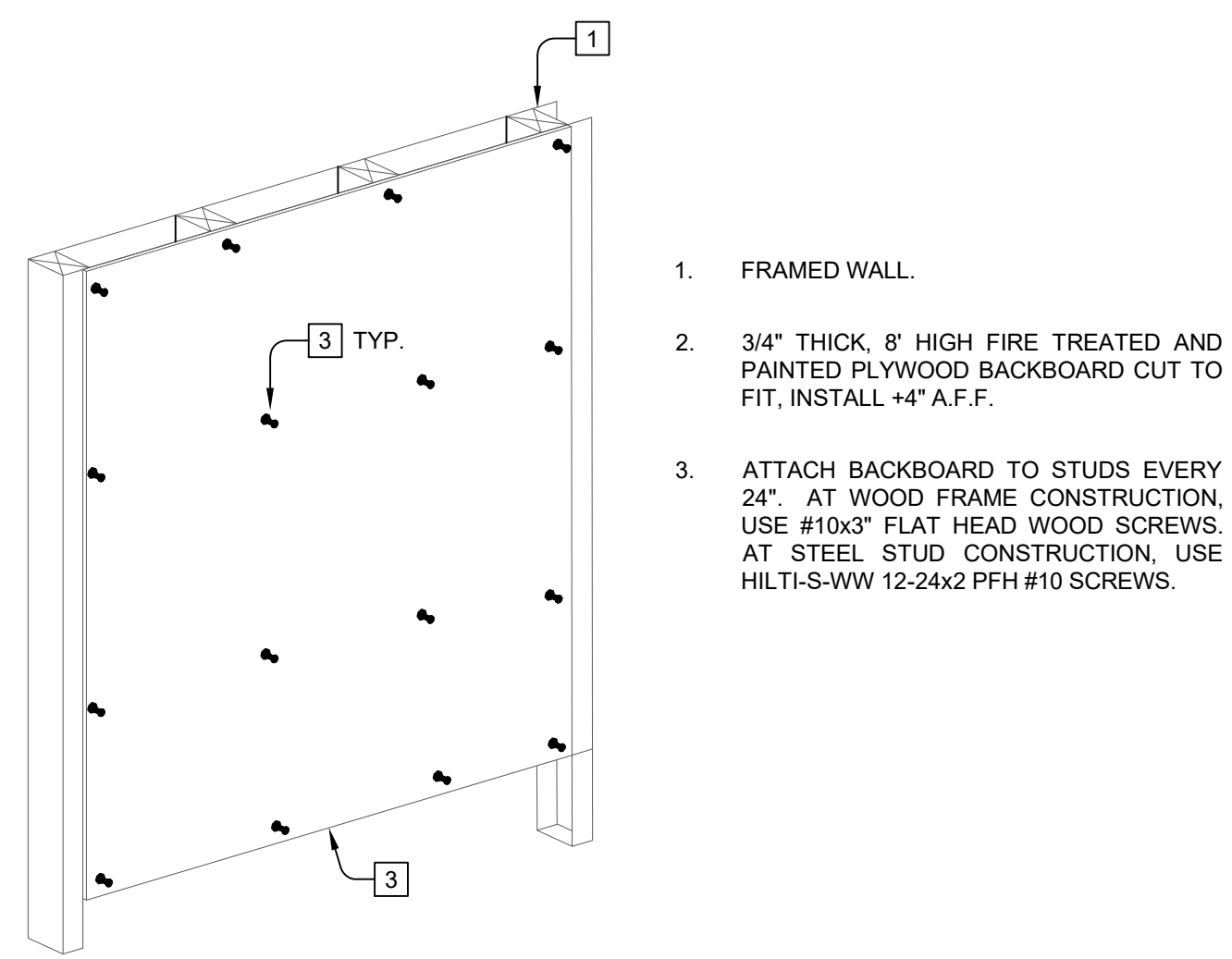
F E804 LADDER TO RACK SUPPORT NTS



G E804 LADDER VERTICAL SUPPORT NTS

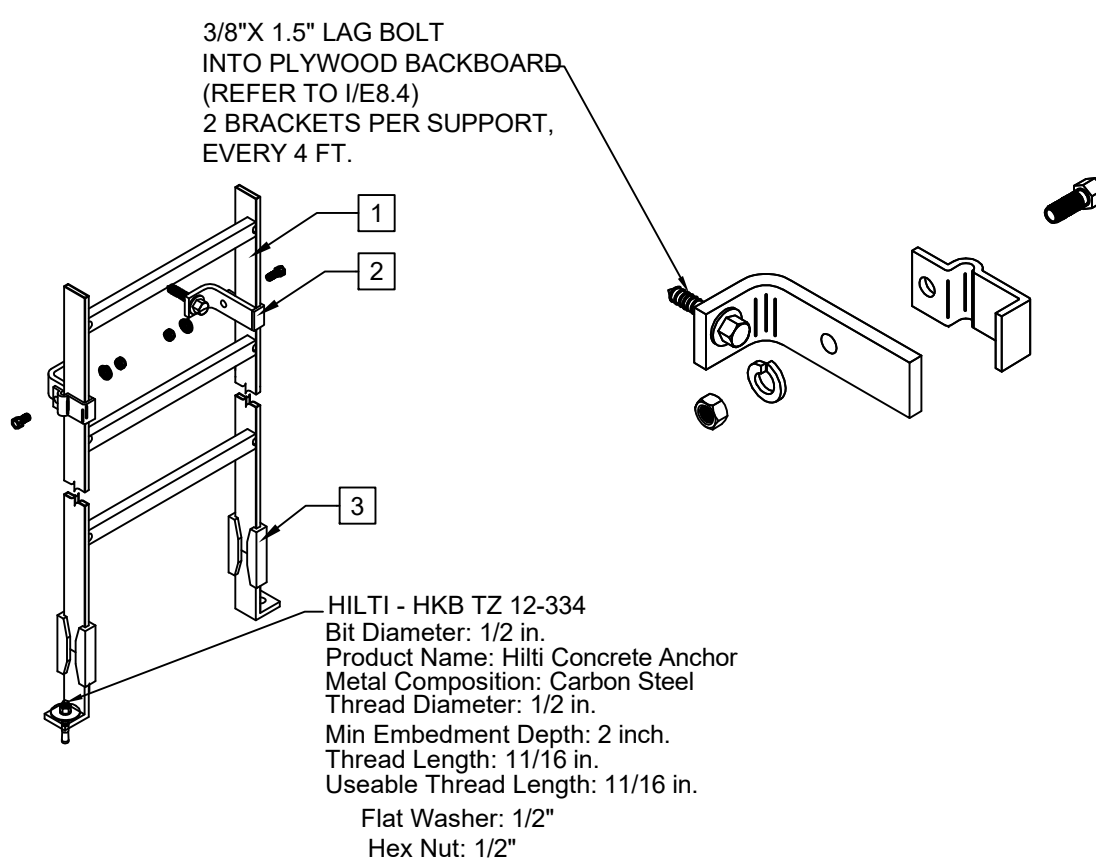


H E804 FLAT SCREEN TV WALL MOUNT NTS



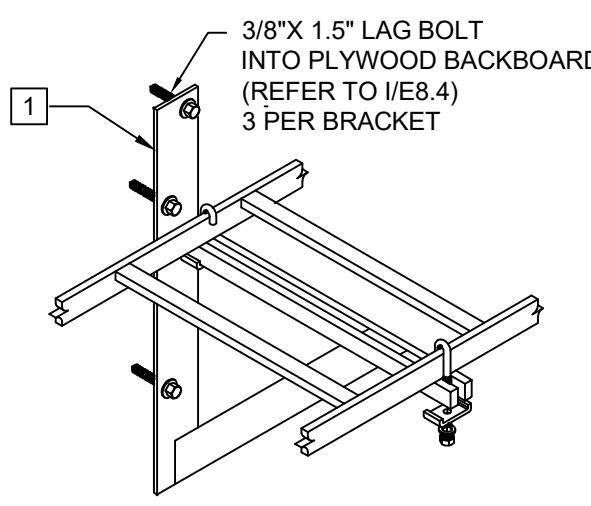
I E804 PLYWOOD BACKBOARD MOUNTING DETAIL NTS

- 1 CABLE LADDER, CHATSWORTH #11275-012
- 2 VERTICAL WALL BRACKETS, CHATSWORTH #10608-001
- 3 VERTICAL LADDER FLOOR BRACKET, CHATSWORTH #11309-000



B E804 VERTICAL LADDER SUPPORT NTS

- 1 TRIANGULAR SUPPORT BRACKET, CHATSWORTH #11746-112  
WEIGHT CAPACITY IS 400 LBS.



C E804 ANGLE WALL SUPPORT NTS

- 1 RACK TO RUNWAY MOUNTING PLATE, CHATSWORTH #10595-012

- 1 CEILING SUPPORT BRACKETS, CHATSWORTH #11406-001
- 2 3/8" ATR. LENGTH AS REQUIRED. SECURE TO STRUCTURE WITH 1-5/8" CHANNEL EVERY 48" AND AT EACH SPLICE WHEN SPANNING LADDER OVER FREE AIR.

PROJECT MANUAL  
INCLUDING SPECIFICATIONS

FOR

**CONSTRUCTION**

FOR THE

---

**MT. PLEASANT HIGH SCHOOL  
QUAD MODIFICATIONS**

---



1750 S. White Road  
San Jose, California 95127

DSA Application #: 01-116168

Bid Number: B-27-16-17

Addendum No.1

**Volume 2 of 2**

FOR THE

**EAST SIDE UNION HIGH SCHOOL DISTRICT  
(ESUHSD)**

ARCHITECTS

**gouldevans**

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Fax: 415.503.1471

**MARCH 2017**



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**SPECIFICATIONS GROUP****DIVISION 1 – GENERAL REQUIREMENTS**

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Not used.

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---------	----------	------------------------

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Not used.

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Not used.

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**END OF SECTION**

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**SECTION 06 20 00****FINISH CARPENTRY**

---

**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide finish carpentry with accessories as required for complete installation.
  - 1. Provide interior wood trim.
  - 2. Provide interior wood door jambs.
  - 3. ~~Provide cantilevered bookshelf with steel reinforcing dowels and plate hooks.~~
  - 4. Provide wood closet and storage shelving.
  - 5. Provide Janitor closet mop holders.
- B. Related Sections:
  - 1. Section 06 40 00: Architectural woodwork; casework and countertops.

**1.2 REFERENCES**

- A. Architectural Woodwork Standards, Edition 2, 2014, (AWS) adopted and published jointly by AWI, AWMAC, and Woodwork Institute.

**1.3 ADMINISTRATIVE REQUIREMENTS**

- A. Coordination, Wood Jambs: Coordinate wood door jambs with Section 08 14 00 – Wood Doors for pre-hung wood doors.

**1.4 SUBMITTALS**

- A. Product Data: Submit literature for manufactured items.
- B. Shop Drawings: Indicate materials and wood species, component profiles, fastening, and joining details, finishes, and accessories.
- C. Samples: Furnish samples of each type of finish carpentry.
- D. Assurance Options: AWS certification and monitored compliance programs will not be required for finish carpentry.

**1.5 QUALITY ASSURANCE**

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives, sealants, and caulks, and for composite wood products formaldehyde limitations.



## 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver materials until site conditions are adequate to receive work; protect items from weather while in transit.
- B. Store materials indoors, in ventilated areas with constant but minimum temperature of 60 degrees F and maximum relative humidity of 25% to 55%.
- C. Do not begin installation of finish carpentry until space is fully enclosed and mechanical systems are fully operational.
  - 1. Maintain interior installation areas at 70 degrees F and 50% to 55% relative humidity.
- D. Immediately remove from site materials with visible mold and materials with mildew.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. System Description: Provide finish carpentry systems specified complying with Architectural Woodwork Standards (AWS) and including accessories as required for complete installation.
- B. Transparent Finished Interior Wood Trim and Jambs:
  - 1. Quality: AWS/Premium Grade.
  - 2. Wood: As indicated, as directed by Architect where not otherwise indicated.
  - 3. Cut: Vertical Grain unless otherwise indicated.
  - 4. Texture: Surfaced.
- ~~C. Transparent Finished Cantilevered Bookshelf with Steel Dowels and Plate Hooks:~~
  - ~~1. Quality: AWS/Premium Grade.~~
  - ~~2. Wood: As indicated, as directed by Architect where not otherwise indicated.~~
  - ~~3. Cut: Vertical Grain unless otherwise indicated.~~
  - ~~4. Texture: Surfaced.~~
  - ~~5. Steel Dowels and Plate Hooks: As indicated.~~
- D. Wood Shelving: Provide wood board shelves, minimum 3/4" thick.
  - 1. Quality: AWS/Custom Grade, for opaque paint finish.
  - 2. Fixed Wood Shelf Supports: AWS/Custom Grade, softwood for opaque finish.
- E. Janitor Closet Mop Holders: Spring loaded anti-slip mop holders with rubber cam, with three mop holders on stainless steel.
  - 1. Manufacturers:
    - a. Bobrick Washroom Equipment, Inc./Model B-223.
    - b. Bradley Corp./Model 9953.
    - c. American Specialties Inc./Model 0796A.

- d. Substitutions: Or equal in accordance with Section 01 62 00.
- F. Anchors, Nails and Screws: Select the material, type, size and finish required by each substrate for secure anchorage; provide toothed steel or lead expansion bolt screws for drilled-in-place anchors.
- G. Wood Filler: Color to match wood being filled.

## 2.1 FABRICATION

- A. Fabricate finish carpentry items in accordance with specified quality standard.
- B. Use exposed fastening devices or nails only when approved and unavoidable; arrange neatly.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication where possible; do not delay job progress, allow for trimming and fitting.
- B. Verify surfaces are ready to receive work and field measurements are as shown on shop drawings.
  - 1. Beginning installation signifies acceptance of conditions.
- C. Ensure mechanical and electrical items affecting work are properly placed, complete, and have been inspected by applicable authorities prior to commencement of installation.
- D. Inspect each piece of finish carpentry and discard damaged and defective pieces.

### 3.2 INSTALLATION

- A. Install work consistent with specified AWS quality grade, plumb, level, true and straight with no distortions; shim as required, using concealed shims.
  - 1. Prime paint surfaces in contact with cementitious materials prior to installation; comply with requirements of Section 09 90 00 – Painting and Coating.
- B. Secure work to blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation.
- C. Scribe and cut for accurate fit to other finished work.
- D. Install finish carpentry in single, unjointed lengths for openings and for runs less than 10'-0".
  - 1. For longer runs, use only one piece less than 10'-0" in any straight run; provide scarf joints between members.



2. Stagger joints in adjacent members.
  3. Cope at returns and miter at corners.
- E. Accessories: Install accessories in accordance with manufacturer's recommendations in locations indicated or as directed by Architect.
- F. Acceptable Tolerances:
1. Variation from True Position: Maximum 1/16" at any position and maximum 1/8" in any 10'-0" length.
  2. Adjoining Surfaces of Same Material: No variation permitted.
  3. Offset with Abutting Materials: Maximum 1/32".
- G. Preparation for Field Finishing:
1. Sand work smooth and set exposed nails and screws.
  2. Apply wood filler in exposed nail and screw indentations and leave ready to receive site-applied finishes.
  3. Seal concealed and semi-concealed surfaces; brush apply only, using primer consistent with finish coats specified under Section 09 90 00 – Painting and Coating.

**END OF SECTION**

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SECTION 06 40 00

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ARCHITECTURAL WOODWORK

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**PART 1 - GENERAL**

## 1.1 SUMMARY

- A. Section Includes: Provide mill fabricated architectural woodwork with accessories as required for complete finished installation including cabinetwork hardware.
  - 1. Provide plastic laminated veneered wood cabinetwork.
  - 2. **Provide transparent/stained finished solid wood bookcases.**
  - 3. Provide quartz based solid polymer countertops.
- B. Related Sections:
  - 1. Section 06 10 50: Miscellaneous rough carpentry.
  - 2. Section 06 20 00: Finish carpentry, trim, ~~cantilevered bookshelf~~, closet shelving.
  - 3. Section 12 65 10: Upholstered booths including wood framing.

## 1.2 REFERENCES

- A. Architectural Woodwork Standards, Edition 2, 2014, (AWS) adopted and published jointly by AWI, AWMAC, and Woodwork Institute.

## 1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's literature for manufactured items.
- B. Shop Drawings: Indicate materials and wood species, component profiles, fastening, joining details, finishes, and accessories.
  - 1. Certification: Provide Woodwork Institute Certified Compliance Label on shop drawings.
- C. Samples: Furnish samples of each exposed finish.
  - 1. Furnish samples of each exposed casework hardware.

## 1.4 QUALITY ASSURANCE

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives, sealants, and caulks, for composite wood products formaldehyde limitations, and for paints and coatings.
- B. Fabricator Qualifications: Member of Sponsor of Architectural Woodwork Standards (Architectural Woodwork Institute or Woodwork Institute) with minimum five years successful experience fabricating woodwork similar to that required for Project.



- C. Standards: Perform architectural woodwork in accordance with Architectural Woodwork Standards, Edition 1, 2009, (AWS) adopted and published jointly by AWI, AWMA, and Woodwork Institute.
  - 1. Certified Compliance Program (CCP): Comply with Woodwork Institute "Certified Compliance Program (CCP) as defined in AWS.
  - 2. Certified Seismic Installation Program (CSIP): Comply with Woodwork Institute Certified Seismic Installation Program.
    - a. Seismic Anchorage: Provide seismic anchorage for wall cabinets **and bookcases** as required by California Code of Regulations (CCR), Title 24, Part 2.

## 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver architectural woodwork until site conditions are adequate to receive work; protect items from weather while in transit.
  - 1. Allow architectural woodwork shop finish to completely dry prior to delivery to site; allow materials to off-gas volatile organic compound (VOC) emissions off site.
- B. Store materials indoors, in ventilated areas with constant but minimum temperature of 60 degrees F and maximum relative humidity of 25% to 55%.
- C. Do not begin installation of architectural woodwork until space is fully enclosed and mechanical systems are fully operational.
  - 1. Maintain interior installation areas at 70 degrees F and 50% to 55% relative humidity.
- D. Immediately remove from site materials with visible mold and materials with mildew.

## PART 2 - PRODUCTS

### 2.1 MATERIALS

- A. System Description: Provide mill fabricated architectural woodwork with accessories as required for complete finished installation including cabinet hardware.
- B. Plastic Laminate Finished Casework:
  - 1. Quality: AWS/Custom Grade Type A frameless, Style 1 - Overlay, flush overlay.
    - a. Special: Provide each single length section of casework in largest such sections as access and openings allow, formerly WI Type II.
      - 1) Multiple self-supporting units fastened together to form larger unit allowed only where access and openings do not allow single lengths.

2. Plastic Laminates:
  - a. Types: NEMA LD-3.1 high pressure laminates.
    - 1) Horizontal Surfaces: General Purpose Type, nominal 0.050".
    - 2) Vertical Surfaces: Vertical Surface Type, nominal 0.032".
    - 3) Unexposed Surfaces: Balanced with 0.030" melamine backing sheet.
  - b. Manufacturers:
    - 1) Wilsonart, Ralph Wilson Plastics.
    - 2) Formica Corp.
    - 3) Nevamar Corp.
    - 4) Abet Laminati Co.
    - 5) Substitutions: Or equal in accordance with Section 01 62 00.
  - c. Colors: Wilsonart/Fashion Grey D381-60 unless otherwise indicated.
3. Wood Core: Medium density fiberboard (MDF) or particleboard, with no added formaldehyde and free of toxic materials.
4. Edging: Provide transparent/stained wood edging where indicated.
  - a. Quality: AWS/Premium Grade.
  - b. Wood: As indicated, as directed by Architect where not otherwise indicated.
- C. Casework Hardware: Provide casework hardware items as required for complete installation as indicated; provide types as listed in Architectural Woodwork Standards for Grade 1, but no less than following types.
  1. Adjustable Shelf Standards and Supports: Match BHMA A156.9 B04073 adjustable standards and B04083 closed shelf rest brackets for mortis mounting; flush mounted in cabinet.
  2. Cabinet Hinges: BHMA A156.9 B01602 or B01603 frameless European concealed type, minimum 160 degree opening, with spring closer.
  3. Cabinet Pulls: Back mounted wire type, 3" center to center, clear aluminum; as approved by Architect.
  4. Drawer Slides: Full extension, rail mounted type, minimum 100 lb. capacity with ball-bearing rollers.
  5. Cabinet Locks: Pin and tumbler slide bolt lock with five pin tumblers as approved by Architect, two keys each.
- D. Transparent/Stained Finished Solid Wood Bookcases:
  1. Quality: AWS/Premium Grade; in sections indicated.
  2. Wood: As indicated and approved by Architect; a uniform appearance shall be required; solid wood required, veneering not acceptable.



- E. Quartz Type Solid Polymer Countertops: Manufacturer's standard quartz based polymer system with color throughout thickness; provide manufacturer recommended joint adhesive; exposed surfaces finished to match top.
  - 1. Quality: AWS/Premium Grade.
  - 2. Manufacturers:
    - a. CaesarStone USA/CaesarStone.
    - b. DuPont Co./Zodiaq.
    - c. Cambria USA/Cambria Countertops.
    - d. Substitutions: Or equal in accordance with Section 01 62 00.
  - 3. Type: Not less than 1/2" thick sheet; coordinate with bowls as indicated and as specified in Division 22.
  - 4. Color: CaesarStone ~~6141 Ocean Foam~~ **Pure White 1141**.
- F. Anchors, Nails and Screws: Select material, type, size and finish required by each substrate for secure anchorage; provide toothed steel or lead expansion bolt screws for drilled-in-place anchors.
- G. Wood Filler: Color to match wood being filled.

## 2.2 FABRICATION

- A. General: Fabricate architectural woodwork in accordance with specified Architectural Woodwork Standards.
- B. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Make corners and joints hairline; slightly bevel arises.
  - 1. Locate butt joints at least 2'-0" from cutouts.
  - 2. Cap exposed edges with plastic laminate of same finish and pattern.
  - 3. Apply laminate backing sheet to reverse side of laminate surfaces.
  - 4. Provide cutouts for inserts, fixtures and fittings; verify locations from on-site dimensions.
  - 5. Prime paint contact surfaces of cutouts.
- C. Countertops: Provide maximum sizes available. Locate butt joints at least 2'-0" from cutouts where more than one piece countertops are required.
  - 1. Make corners and joints hairline; slightly bevel arises.
  - 2. Provide cutouts for inserts, fixtures and fittings; verify locations from on-site dimensions.
  - 3. Splashes and edges as indicated or as directed by Architect where not otherwise indicated.

- D. Use exposed fastening devices or nails only when approved and unavoidable; arrange neatly.
- E. Assemble woodwork in shop in sizes easily handled and to ensure passage through building openings.

## 2.3 FINISHES

- A. Transparent/Stained Finished Woodwork (~~Edging~~): Finish architectural woodwork in shop unless otherwise indicated.
  - 1. Wood: As indicated on Drawings; match Architect samples.
  - 2. Sand work smooth; seal, stain and varnish concealed and semi-concealed surfaces of transparent/stained finished woodwork; brush apply.
  - 3. Transparent/Stained Finish: AWS/Premium Grade finish producing a dull rubbed effect, as approved by Architect.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication where possible; do not delay job progress, allow for trimming and fitting.

### 3.2 INSTALLATION

- A. Install work consistent with Architectural Woodwork Standards specified quality grade, plumb, level, true and straight with no distortions.
  - 1. Shim as required, using concealed shims.
- B. Ensure mechanical and electrical items affecting architectural woodwork are properly placed, complete, and have been inspected by Architect prior to commencement of installation.
- C. Secure work to grounds, stripping and blocking with countersunk, concealed fasteners and blind nailing as required for a complete installation.
- D. Scribe and cut for accurate fit to other finished work.
- E. Install architectural woodwork under supervision of factory-trained mechanics.
- F. Attach architectural woodwork securely in place with uniform joints providing for thermal and building movements.
- G. Acceptable Tolerances:
  - 1. Variation from True Position: Maximum 1/16" at any position and maximum 1/8" in any 10'-0" length.

2. Adjoining Surfaces of Same Material: No variation permitted.
3. Offset with Abutting Materials: Maximum 1/32".

**END OF SECTION**



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**SECTION 08 87 00****GLAZING SURFACE FILM**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide glazing film with accessories, if necessary, as required for complete installation.
- B. Related Sections:
  - 1. Section 08 80 00: Glazing.

**1.2 SUBMITTALS**

- A. Product Data: Furnish manufacturer's literature.
- B. Shop Drawings: Submit drawings indicating location of seams on glass indicating each sheet and direction of sheet where pattern may be visually directional.
- C. Samples: Furnish samples of glazing film applied to 1/4" thick float glass.

**1.3 WARRANTY**

- A. Extended Correction Period: Provide for correcting failure of glazing film including signs of delamination, discoloration, splitting, or distortion. Remove damaged materials, clean surfaces, and reapply to original undamaged condition.
  - 1. Period: Two years.

**PART 2 - PRODUCTS****2.1 SYSTEMS MANUFACTURERS**

- A. Decorative Films/SOLYX.
- B. 3M Specified Construction Products Department/ 3M Window Films.
- C. Substitutions: Refer to Section 01 25 00.

**2.2 MATERIALS**

- A. System Description: Provide surface applied glazing film.
- B. Glazing Film: High performance polyester film designed specifically for laminating to glass and providing characteristics noted for Project.
  - 1. Basis of Design: Decorative Films/SOLYX.
  - 2. Types:
    - a. FL.1: Decorative Films/SOLYX SX-2011
    - b. FL.2: Decorative Films/SOLYX SXWF-SSO.

**PART 3 - EXECUTION**

**3.1 PREPARATION**

- A. Clean glass to receive glazing film immediately before applying glazing film; remove coatings not firmly bonded to substrate.

**3.2 INSTALLATION**

- A. Comply with glazing film manufacturer recommendations and application instructions free of spaces between film sheets, overlaps, folds, ripples, other irregularities.
- B. Apply to surface indicated, as directed by glazing film manufacturer recommendations where not indicated.
- C. Use single sheets of film where sizes are available; use minimum number of sheets possible for window configurations; orient sheets to be consistent with window size and shape and with adjacent windows as approved by Architect.
- D. Do not allow glazing film to lap adjacent non-glass surfaces.

**END OF SECTION**

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**SECTION 09 51 00****ACOUSTICAL CEILINGS**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide acoustical ceiling systems with exposed suspended metal grid system, trim, and accessories as required for complete finished installation.
- B. Related Sections:
  - 1. Section 09 21 00: Gypsum board suspended ceiling systems.
  - 2. ~~Section 09 77 20: Acoustical wall panels.~~
  - 3. Divisions 21 through 28: Facilities services for ceiling penetrations.

**1.2 REFERENCES**

- A. ASTM C635: Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
- B. ASTM C636: Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
- C. ASTM E580: Application of Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels in Areas Requiring Seismic Restraint.

**1.3 ADMINISTRATIVE REQUIREMENTS**

- A. Coordination: Coordinate installation of acoustical ceiling systems with items installed above ceilings to ensure work above ceilings is complete, space is sufficient for items in ceiling while allowing required ceiling heights, and building is enclosed.

**1.4 SUBMITTALS**

- A. Product Data: Furnish manufacturers' literature.
- B. Shop Drawings: Clearly indicate grid layout and related dimensioning, junctions with other work and ceiling finishes, and inter-relation of mechanical and electrical items related to system.
- C. Samples: Furnish samples of exposed grid finish and each type of ceiling unit.

**1.5 QUALITY ASSURANCE**

- A. Installer Qualifications: Firm with minimum five years successful experience in projects of similar type and scope; acceptable to manufacturer of integrated acoustical ceiling system.



## 1.6 SITE CONDITIONS

- A. Do not install ceilings until building is enclosed, sufficient heat is provided, dust generating activities have terminated and overhead mechanical work is completed, tested and approved.
  - 1. Do not allow acoustical ceiling units to be exposed to moisture; immediately remove acoustical ceiling units with stains, units with signs of mold, and units with mildew.
- B. Allow wet work to dry prior to commencement of installation.
- C. Maintain uniform temperatures of minimum 60 degrees F and humidity of 20% to 40% prior to, during and after installation.

## PART 2 - PRODUCTS

### 2.1 SYSTEMS MANUFACTURERS

- A. Armstrong World Industries, Inc.
- B. CertainTeed.
- C. Chicago Metallic Corp.
- D. USG Corporation.
- E. Substitutions: Or equal in accordance with Section 01 62 00.

### 2.2 MATERIALS

- A. System Description: Provide acoustical ceiling systems with exposed suspended metal grid system, trim, and accessories as required for complete finished installation.
- B. Regulatory Requirements:
  - 1. Seismic Design Requirements: Comply with California Building Code requirements for seismic bracing of ceiling suspension system, and with ASTM E580 and with California Division of State Architect (DSA) requirements.
    - a. Ceiling Struts: Provide struts as detailed on Drawings and as required by code, placed maximum 12'-0" on center in both directions and within 6'-0" of each wall.
    - b. Slack Wires: Provide safety slack wires, two per fluorescent fixture on diagonally opposite corners and a single wire for each recessed down light.
  - 2. Fire Performance Characteristics: Provide products listed by Underwriters Laboratories (UL) or other independent testing laboratory acceptable to applicable authorities.

- a. Flame Spread/Smoke Density: Provide products meeting code requirements for maximum 25 flame spread and maximum 25 smoke density.
- C. Suspension Systems: Comply with ASTM C635, as applicable to type of suspension system required for type of ceiling units indicated.
  - 1. Grid Systems:
    - a. ACT-1 Exposed Grid System Basis of Design Armstrong/Suprafine narrow 9/16" nominal face width, direct hung, aluminum or steel "T" exposed grid system.
    - b. ACT-2 Hanging System: Armstrong Soundscapes deck hanging system as required for configurations indicated.
  - 2. Attachment Devices: Size for 5 times design load indicated in ASTM C635, Table 1, Direct Hung.
  - 3. Hanger Wires: Galvanized carbon steel, ASTM A641, soft temper, pre-stretched, yield-stress load of at least three times design load, but not less than 12 gage.
  - 4. Straps, Tubes and Angles: Provide galvanized steel as required to meet state and local requirements for seismic design loads.
  - 5. Structural Class: Minimum intermediate-duty system.
  - 6. Edge Molding: Manufacturer's standard angle molding for edges and penetrations of ceiling, with single flange of molding exposed.
  - 7. Finish of Exposed Items: Manufacturer's standard white baked enamel.
  - 8. Maximum Allowable Deflection: L/360.
- D. Acoustical Panels: ASTM E1264 type and form as indicated on Finish Schedule, as selected by Architect from manufacturer's full range of panels where not otherwise indicated.
  - 1. ACT-1 Basis of Design: Armstrong/Calla 2824 with square tegular edge.
    - a. Size: 2'-0" by 2'-0", except where otherwise indicated on Drawings.
    - b. Finish: Standard washable white painted finish.
  - 2. ACT-2 Basis of Design: Armstrong/Soundscape 5444 hexagon.
    - a. Size: 48" by 48", except where otherwise indicated on Drawings.
    - b. Colors: As indicated on Finish Schedule.
      - 1) **PT3: Match Sherwin Williams/SW6508, Secure Blue LVR 22.**
      - 2) **PT4: Match Sherwin Williams/SW6241, Aleutian, LRV 40.**
      - 3) **PT5: Match Sherwin Williams/SW6240, Windy Blue, LRV 48.**

**PART 3 - EXECUTION****3.1 PREPARATION**

- A. Furnish layouts for inserts, clips and other supports required to be installed by other trades for support of acoustical ceilings.
  - 1. Install inserts, clips, and supports where not previously installed and where additional supports are required for complete installation.
- B. Measure ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling; do not use less than half width units at borders.
- C. Coordinate with other work supported by or penetrating through ceilings, including integral air handling systems, light fixtures, and other systems.

**3.2 INSTALLATION**

- A. Install acoustical ceiling systems in accordance with manufacturer's recommendations and ASTM C636.
  - 1. Coordinate installation of air handling systems and electrical systems integral with integrated acoustic ceiling systems.
  - 2. Finished Ceilings: True to lines and levels and free from warped, soiled or damaged grid or acoustical units.
- B. Install ceiling systems in a manner capable of supporting superimposed loads, with maximum permissible deflection of 1/8" in 10'-0".
- C. Install after major above-ceiling work is complete; coordinate location of hangers with other work.
  - 1. Ensure suspension system is located to accommodate fittings and units of equipment which is to be placed after installation of ceiling grid.
- D. Where ducts or other equipment prevent regular spacing of hangers, reinforce nearest adjacent hangers and related carrying channels as required to span required distance.
- E. Install ceiling suspension system to resist seismic loads as required by state and local codes, including extra hanger wires and compression supports for ceilings and light fixtures.
- F. Hang system independently of walls, columns, ducts, pipes and conduit. Where suspension system members are spliced, avoid visible displacement of the longitudinal axis or face plane of adjacent members.



- G. Do not support lighting fixtures from or on main runners or cross runners if weight of fixture causes total dead load to exceed deflection capability.
  - 1. Support fixture loads independently or provide supplementary hangers located within 6" of each corner.
- H. Do not install fixtures so main runners and cross runners are eccentrically loaded; where fixture installation would produce rotation of runners, provide stabilizer bars.
- I. Install edge moldings at intersection of ceiling and vertical surfaces, using maximum lengths, straight, true to line and level; miter corners.
  - 1. Provide edge moldings at junctions with other ceiling finishes.
- J. Where required form expansion joints to accommodate movement and maintain visual closure without distorting system.
- K. Fit acoustic units in place, free from damaged edges or defects detrimental to appearance and function.
  - 1. Lay directionally patterned units one way with pattern as directed.
  - 2. Fit border units neatly against abutting surfaces.
- L. Install system level, in uniform plane and free from twist, warp and dents.
- M. Install hold-down clips where required by applicable codes and where ceiling is within 20'-0" of an exterior door.

### 3.3 ADJUSTING

- A. Adjustment: Adjust sags or twists which develop in ceiling system and replace any part which is damaged or faulty.

**END OF SECTION**

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**SECTION 09 65 20****RESILIENT TILE FLOORING**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide luxury plank type resilient tile flooring and accessories as required for complete finished installation.
- B. Related Sections:
  - 1. Section 09 65 10: Resilient base.
  - 2. Section 09 68 10: Tile carpeting edge strips.

**1.2 SUBMITTALS**

- A. Product Data: Furnish manufacturer's product literature.
- B. Samples: Furnish samples of each type of flooring color and pattern.

**1.3 QUALITY ASSURANCE**

- A. CALGreen Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for adhesives and resilient flooring.

**1.4 SITE CONDITIONS**

- A. Ensure floor surfaces are smooth and flat with maximum variation of 1/8" in 10'-0".
- B. Ensure concrete floors are dry and exhibit negative alkalinity, carbonizing, and dusting.
- C. Maintain minimum 70 degree F air temperature at flooring installation area for three days prior to, during, and for 24 hours after installation.
- D. Store flooring materials in area of application; allow three days for material to reach same temperature as area.

**PART 2 - PRODUCTS****2.1 SYSTEMS MANUFACTURERS**

- A. Mannington Commercial.
- B. Mohawk Industries.
- C. Armstrong World Industries, Inc.
- D. Tarkett Inc/Azrock.
- E. Substitutions: Or equal in accordance with Section 01 62 00.

## 2.2 MATERIALS

- A. System Description: Provide luxury vinyl plank type resilient tile flooring and accessories.
- B. Regulatory Requirements:
  - 1. Flammability: Provide materials tested under ASTM E648, Flooring Radiant Panel Test, with results of 0.45 watts/sq cm or higher.
  - 2. Slip Resistance: Provide materials tested under ASTM D2047, James Slip Test with minimum 0.6 rating for floors.
- C. ~~Luxury Vinyl Tile (LVT)-Planks: Vinyl planks~~ Solid vinyl tile resilient flooring.
  - 1. Basis of Design: Mannington/Mannington **Spacia Stone Adura** Luxury Vinyl Plank Flooring as indicated.
  - 2. **Size: 18" by 18" unless otherwise indicated.**
  - 3. Color and Pattern: As indicated on Finish Schedule with patterns as indicated on Drawings; as approved by Architect.
- D. Edge Strips: Homogeneous vinyl or rubber, tapered or bullnose edge, color as selected by Architect.
- E. Sub-Floor Filler: White premixed latex-cement paste designed for providing thin solid surface for leveling and minor ramping of subsurface to adjacent floor finishes.
  - 1. Use material capable of being applied and feathered out to adjacent floor without spalling.
- F. Primers and Adhesives: Waterproof nontoxic types as recommended by flooring manufacturer for specified material and application.
- G. Sealer and Wax: Type recommended by flooring manufacturer for material type and location.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Conform to manufacturer's recommendations for preparation and to ASTM F710.
- B. Remove sub-floor ridges and bumps; fill low spots, cracks, joints, holes and defects with sub-floor filler.
- C. Clean floor and apply, trowel and float filler to leave smooth, flat hard surface; prohibit traffic until filler is cured.
- D. Test substrate for moisture content in accordance with flooring manufacturer recommendations; where moisture content exceeds manufacturer recommendations take measures recommended by flooring manufacturer.



### 3.2 INSTALLATION

- A. Conform to manufacturer recommendations and installation instructions.
  - 1. Open floor tile cartons, enough to cover each area, and mix tile to ensure shade variations do not occur within any one area.
- B. Spread cement evenly in quantity recommended by manufacturer to ensure adhesion over entire area of installation; spread only enough adhesive to permit installation of flooring before initial set.
- C. Set flooring in place using methods to ensure full adhesion.
- D. Lay flooring with joints parallel to building lines to produce symmetrical pattern.
- E. Install minimum 1/2 tile at room and area perimeter.
- F. Terminate resilient flooring at centerline of door openings where adjacent floor finish is dissimilar.
- G. Install edge strips at unprotected and exposed edges where flooring terminates.
- H. Scribe flooring to walls, columns, floor outlets and other appurtenances, to produce tight joints.
- I. Consult with Architect for floor pattern desired in each area.
- J. Edge Strips: Install where edge of tile would otherwise be exposed; butt to flooring without gaps; set in adhesive.

### 3.3 CLEAN-UP AND PROTECTION

- A. Remove excess adhesive from floor, base and wall surfaces without causing damage.
- B. Clean, seal and wax floor surfaces in accordance with manufacturer's recommendations.
- C. Prohibit traffic from floor for 48 hours after installation.

**END OF SECTION**

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**SECTION 09 68 10****TILE CARPETING**

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**PART 1 - GENERAL****1.1 SUMMARY****A. Section Includes:**

1. Provide standard carpet tile including edge strips where carpeting terminates at other floor finishes and accessories as required for complete finished installation.
2. Provide carpet tile type walk-off entryway system including edge strips where walk-off entryway terminates at other floor finishes and accessories as required for complete finished installation.

**B. Related Sections:**

1. Section 09 65 10: Resilient base.

**1.2 SUBMITTALS**

- A. Product Data: Prior to final acceptance of carpet tile installation, submit manufacturer's detailed maintenance recommendations for care, cleaning and repair of carpet tiles installed.
- B. Shop Drawings: Clearly indicate carpet tile layout, direction of carpet tiles, adhesive to be used, method of integrating edge strips with carpet tile, and installation procedures.
- C. Samples: Submit samples of each carpet tile type and color, and of each color of edge strip.
- D. Certificate of Compliance: Furnish manufacturer's certificate of compliance stating each material delivered conforms to Specifications.
- E. Maintenance Recommendations: Prior to final acceptance of carpet tile installation, furnish carpet tile manufacturer's detailed maintenance recommendations for care, cleaning and repair of carpet tiles installed.
- F. Maintenance Materials: Submit unused carpet tiles. Box unused carpet tiles and mark boxes indicating color and location installed.

**1.3 QUALITY ASSURANCE**

- A. Sustainability Requirements: Comply with CALGreen requirements including those relative to finish material pollution control for carpet systems and adhesives.

- B. Installer Qualifications: Firm with minimum five years successful experience in carpet tile installation and approved by carpet tile manufacturer.

- 1. Upon request, submit letter from carpet manufacturer stating installer is acceptable.

- C. Mock-Up: Provide minimum 12' by 12' mock-up of carpet tile for approval prior to beginning installation; approved mock-up may be incorporated into finished installation.

#### 1.4 PROJECT CONDITIONS

- A. Do not commence carpet tile installation until painting and finishing work is complete and ceiling and other overhead work has been tested, approved and completed, unless specifically approved.
- B. Maintain room temperature at minimum 60 degrees F for at least 24 hours prior to installation; relative humidity shall be approximately that at which area is to be maintained.
- C. Schedule, receive and place carpet tile on floors indicated; protect from soiling and damage during transit, storage, and installation.

#### 1.5 WARRANTY

- A. Extended Correction Period: Provide for promptly making good or replacing defective materials or workmanship. Repairs shall take place within ten days of written notification.
  - 1. Period: Two years.

### PART 2 - PRODUCTS

#### 2.1 SYSTEMS MANUFACTURERS

- A. Tandus Centiva a Tarkett Company.
- B. Mannington Commercial Division, Mannington Carpets, Inc.
- C. Mohawk Industries.
- D. Lees Carpets, Division of Burlington, Inc.
- E. Interface Flooring Systems, Inc.
- F. Milliken Contract Carpets.
- G. Substitutions: Or equal in accordance with Section 01 62 00.

#### 2.2 MATERIALS

- A. System Description: Provide carpet tile including edge strips where carpeting terminates at other floor finishes and accessories.



- B. Regulatory Requirements: Carpet tiles shall have passed following fire and smoke tests.
  - 1. DOC-FF-1-70: Pass.
  - 2. ASTM E662 (Smoke Density): 450 or less.
  - 3. ASTM E648 or NFPA 253 (Flooring Radiant Panel Test): 0.45 or higher.
- C. Design Criteria: Provide carpet materials that bear Carpet and Rug Institute "Green Label Plus".
- D. Performance Requirements, Static: Carpet tile shall develop less than 3.0 kilovolts of static at 70 degrees F and 20 percent relative humidity.
- E. Standard Carpet Tile: Types as indicated on Finish Schedule; where carpet tile is not indicated provide as directed by Architect based on following criteria.
  - 1. Basis of Design: Tandus Centiva/Carpet Tile.
  - 2. Yarn: Sixth or later generation continuous filament soil hiding nylon.
  - 3. Colors and Patterns: As indicated on Finish Schedule and patterns as indicated on Drawings; as approved by Architect.
- F. Carpet Tile Walk-Off Mat Entryway System: Types as indicated on Finish Schedule; where not indicated provide as directed by Architect based on following criteria.
  - 1. Basis of Design: Mannington Commercial/Carpet Tile **Mannington Recourse II Bypass**, Entryway Systems.
  - 2. Yarn: Sixth or later generation continuous filament soil hiding nylon.
  - 3. Colors and Patterns: As indicated on Finish Schedule and patterns as indicated on Drawings; as approved by Architect.
- G. Adhesive: Nontoxic type recommended by carpet tile manufacturer to suit application and expected service.
- H. Leveling and Ramping Material: Latex-cement material designed for providing thin solid surface for leveling and minor ramping of subsurface to adjacent floor finishes.
  - 1. Use material capable of being applied and feathered out to adjacent floor without spalling.
- I. Edge Strips: Vinyl or rubber; manufacturer's standard colors as selected.
- J. Accessories: Provide as required for complete finished installation.

**PART 3 - EXECUTION****3.1 PREPARATION**

- A. Clean floors of dust, dirt, solvents, oil, grease, paint, plaster and other substances detrimental to proper performance of adhesive and carpet tile; allow floors to thoroughly dry.
- B. Ensure floors are level, with maximum surface variation of 1/4" in 10 feet.
- C. Ensure concrete floors are free from scaling and irregularities and exhibit neutrality relative to acidity and alkalinity.
- D. Use leveling and ramping material to patch cracks, small holes, leveling and for ramping to provide finished carpet tile within 1/2" of adjacent flooring materials.
- E. Test substrate for moisture content in accordance with flooring manufacturer recommendations; where moisture content exceeds manufacturer recommendations take measures recommended by flooring manufacturer.

**3.2 INSTALLATION**

- A. Install carpet tiles and entryway systems in accordance with manufacturer's recommendations and installation instructions.
  - 1. Adhere tiles to subfloor unless otherwise approved.
- B. Prime substrate if required and as recommended by manufacturer. Spread adhesive in quantity recommended by manufacturer to ensure proper adhesion. Apply only enough adhesive to permit proper adhesion of carpet tile before initial set.
- C. Lay carpet tile and entryway systems in patterns indicated on Drawings.
- D. Cut and fit carpet tile neatly around projections through floor and to walls and other vertical surfaces.
- E. Fit carpet tiles snugly to walls or other vertical surfaces, leaving no gaps.
- F. Lay installation tight and flat to subfloor well fastened and uniform in appearance; ensure monolithic color, pattern and texture match within any one area.
- G. Edging Strips: Install in accordance with manufacturer recommendations and installation instructions.
  - 1. Install edging strips where carpet terminates at other floor coverings.
  - 2. Use full length pieces only, butt tight to vertical surfaces. Where splicing cannot be avoided, butt ends tight and flush.
- H. Do not place heavy objects such as furniture on carpet tiled surfaces for not less than 24 hours or until adhesive is set.

**3.3 CLEANING**

- A. Upon completion of carpet tile installation in each area, visually inspect carpet tile installed in that area and immediately remove dirt, soil and foreign substance from exposed face.
- B. Clean in accordance with manufacturer's recommendations and as specified in Section 01 70 00 – Execution Requirements.
- C. Inspect adjacent surfaces and remove marks and stains caused by carpet tile installation.
- D. Remove packaging materials, carpet tile scraps, and other debris from carpet tile installation.

**END OF SECTION**



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**SECTION 09 85 50****WOOD FIBER CEMENT ACOUSTICAL PANELS**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide wood fiber cement acoustical treatment with accessories for complete finished installation.
- B. Related Sections:
  - 1. Divisions 21 through 28: Facility services subgroup for mechanical and electrical.

**1.2 SUBMITTALS**

- A. Product Data: Furnish manufacturers' literature.
- B. Shop Drawings: Clearly indicate panel layout and related dimensioning, junctions with other work or ceiling finishes, inter-relation of mechanical and electrical items related to system, and locations of fasteners.
- C. Samples: Wood fiber cement acoustical panel with finish.

**1.3 QUALITY ASSURANCE**

- A. Installer: Firm with minimum three-years successful experience in projects of similar type and scope; acceptable to manufacturer of system.

**1.4 PROJECT CONDITIONS**

- A. Do not install ceilings until building is enclosed, sufficient heat is provided, dust generating activities have terminated and overhead mechanical work is completed, tested and approved.
- B. Allow wet work to dry prior to commencement of installation.
- C. Maintain uniform temperatures of minimum 60 degrees F and humidity of 20% to 40% prior to, during and after installation.

**PART 2 - PRODUCTS****2.1 SYSTEMS MANUFACTURERS**

- A. BAUX Wood Wool Products (Stockholm, Sweden)/Baux Wood Wool Products.
- B. Substitutions: Refer to Section 01 25 00.

## 2.2 MATERIALS

- A. System Description: Provide wood fiber cement acoustical panels including accessories.
- B. Fire Rating Requirements: Provide products listed by Underwriters Laboratories (UL).
  - 1. Flame Spread/Smoke Generation: Provide products meeting code requirements for maximum 200 flame spread and maximum 450 smoke development.
- C. Wood Fiber Cement Acoustical Panels:
  - 1. Panels: BAUX/BAUX Wood Wood Products.
  - 2. Sizes: Typical 22.84" by 11.42" and 22.84" BY 45.7" rectangles as indicated.
  - 3. Thickness: 1" unless otherwise indicated.
  - 4. Color/Finish: As indicated, as selected by Architect from full range available.
- D. Acoustical Panel Accessories: Provide nontoxic adhesives recommended by system manufacturer for substrates indicated; provide fasteners where necessary and at locations approved by Architect, concealed where possible.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Measure area and establish layout of acoustical units to balance border widths at opposite edges; do not use less than half width units at borders.
- B. Coordinate with other work supported penetrating through panels; provide neatly cut edges at penetrations.

### 3.2 INSTALLATION

- A. Install acoustical panel systems in accordance with manufacturer's recommendations and installation instructions.
- B. Install edge moldings at intersection of other surfaces and finishes, using maximum lengths, straight, true to line and level; miter corners.
  - 1. Provide edge moldings at junctions with other finishes.
- C. Where required form expansion joints to accommodate movement, and maintain visual closure without distorting system.
- D. Fit acoustic units in place, free from damaged edges and free from defects detrimental to appearance and function.
  - 1. Fit border units neatly against abutting surfaces.
  - 2. Install level, in uniform plane and free from twist, warp and dents.

### END OF SECTION

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**SECTION 10 11 10****MARKERBOARDS**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide liquid marker type whiteboards with frames, chalk rail, hardware, and accessories as required for complete installation.
- B. Related Sections:
  - 1. Section 09 90 00: Painting and coating including markerboard wall paint.
  - 2. Section 10 12 00: Exterior bulletin boards.

**1.2 SUBMITTALS**

- A. Shop Drawings: Clearly indicate board sizes and layout, method of attachment, accessories, trim profiles, details and finish.
- B. Samples: Furnish sample whiteboard surfaces with samples of aluminum frame and chalk rail, in selected colors and finish.

**1.3 DELIVERY, STORAGE, AND HANDLING**

- A. Do not deliver materials to site until areas in which they are to be installed are ready to receive them.
- B. Deliver materials to site in protective covering in a manner to protect finishes.

**PART 2 - PRODUCTS****2.1 SYSTEMS MANUFACTURERS**

- A. Claridge Products and Equipment, Inc.
- B. Greensteel Division of PolyVision Corporation.
- C. Aarco Products, Inc.
- D. Substitutions: Refer to Section 01 25 00.

**2.2 MATERIALS**

- A. System Description: Provide liquid marker type whiteboards with frames, chalk rail, hardware, and accessories.
- B. Steel Sheet for Porcelain Enameling: ASTM A424, minimum 24 gage.
- C. Aluminum Extrusions: ASTM B221, minimum 0.062" wall thickness.



- D. Aluminum Sheet: ASTM B209, minimum 0.015" thick.
- E. Galvanized Steel Sheet: ASTM A1011 or A1008, Class 1; ASTM A924 and A653, G90 coating; minimum 26 gage (0.0179").
- F. Tempered Hardboard: Manufacturer's standard material.
- G. Plywood: PS 1, manufacturer's standard.

## 2.3 FABRICATION

- A. Markerboards (Whiteboards): Porcelain writing surface manufactured specifically for use with liquid marker systems.
  - 1. Basis of Design: Claridge/LCS Deluxe Liquid Chalk System with 5/8" face trim (no map rail).
  - 2. Core: Minimum 3/8" thick plywood.
  - 3. Balance porcelain writing surface with aluminum or sheet steel backing, aluminum foil is not acceptable.
  - 4. Color: White.
- B. Frames: Extruded aluminum, factory applied, concealed fastening; integral chalk rail with molded end closures; anodized finish, matching Architect-approved sample.
  - 1. Framed Units: Fabricate one piece units without joints unless sizes indicated are not available as one piece units.
  - 2. Factory Fabricate: Factory fabricate except where too large for shipping.
- C. Attachment Hardware: Manufacturer's standard fully concealed attachment system for securing units to wall surfaces.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Securely mount whiteboards in accordance with manufacturer's recommendations, level and true to line.
- B. Cleaning: At completion of work, clean surfaces and trim, leaving ready for use.

**END OF SECTION**

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SECTION 10 12 00

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**EXTERIOR BULLETIN BOARDSPART 1 - GENERAL**

## 1.1 SUMMARY

- A. Section Includes: Provide exterior wall mounted ~~recycled~~ rubber bulletin boards with ~~metal frame and~~ accessories as required for complete finished installation.

## 1.2 SUBMITTALS

- A. ~~Shop Drawings: Show custom fabrication details, including large scale sections of typical members, reinforcement, anchorages, components, and finishes.~~
- B. Shop Drawings: Show installation details including methods for securing to structure.**
- C. Product Data: Furnish manufacturer's literature.
- D. Samples: Submit samples of each material finish and color.

**PART 2 - PRODUCTS**

## 2.1 SYSTEMS MANUFACTURERS

- A. ~~Ghent, a GMI Company/Enclosed Recycled Rubber Boards.~~
- B. Rubber-Cal, Inc. (844.782.2374).**
- C. Substitutions: Or equal in accordance with Section 01 62 00.

## 2.2 MATERIALS

- A. System Description: Provide exterior wall mounted ~~recycled~~ rubber bulletin boards with ~~metal frame and~~ accessories.
- B. ~~Exterior Bulletin Boards: Exterior aluminum framed glass bulletin boards with glass front (doors).~~
- C. Exterior Bulletin Boards: Exterior rubber bulletin boards.**
- 1. Type: Rubber-Cal/Elephant Bark Rubberized Flooring.**
  2. Sizes: As indicated on Drawings.
  - ~~3. Colors: As selected from manufacturer's standard colors and conforming to approved samples.~~
  - 4. Color: Rubber-Cal/Red Dot.**

- D. ~~Aluminum: Heavy extruded sections of 6063-T5 alloy, natural anodized satin finish, AA-M31A31 or manufacturer's standard comparable finish.~~
- E. ~~Bulletin Board: Manufacturer's standard recycled rubber.~~
- F. ~~Glazing: ASTM C1048, Kind FT, fully tempered select glazing quality clear float safety glass, nominal 1/4" thick.~~
- G. **Accessories: Provide as indicated and as required for complete installation as indicated.**

## 2.3 FABRICATION

- A. ~~Fabricate frames and trim with reinforced corners, mitered to hairline fit, with no exposed fasteners.~~
  - 1. ~~Provide manufacturer's standard mullion trim matching frame where tackboard surface adjoins other directory type.~~
- B. ~~Doors: Provide doors configuration as indicated; furnish each door with manufacturer's standard lock, locks keyed alike, 2 keys per lock.~~
  - 1. ~~Hinged Doors: Construct door of same material and finish as surrounding frame, with mitered, reinforced corners and concealed fasteners.~~
    - a. ~~Swing doors with concealed pivot hinges or continuous piano hinges; set glazing into frame with vinyl glazing channels.~~
- C. ~~Exterior Units: Provide manufacturer's standard construction for exterior units, including weatherstripping and venting provisions for condensation control.~~

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine areas and conditions under which exterior bulletin boards are to be installed.
- B. Beginning installation signifies acceptance of substrates and conditions.

### 3.2 INSTALLATION

- A. ~~Securely attach exterior bulletin boards to supporting structure with concealed fasteners, in accordance with manufacturer's recommendations and installation instructions.~~
- B. **Secure exterior bulletin boards to supporting structure in accordance with manufacturer's recommendations and installation instructions.**
- C. Install plumb, level, true to line, and in correct relation to adjacent materials.

**3.3 CLEANING**

- A. Clean surfaces in accordance with manufacturer's instructions.

**END OF SECTION**



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**SECTION 10 26 10****STAINLESS STEEL CORNER GUARDS**

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**PART 1 - GENERAL****1.1 SUMMARY**

- A. Section Includes: Provide flush mounted stainless steel corner guards, including mounting devices and accessories as required for complete finished installation.

**1.2 SUBMITTALS**

- A. Product Data: Furnish manufacturer's product literature.
- B. Samples: Furnish samples of finish.

**PART 2 - PRODUCTS****2.1 SYSTEMS MANUFACTURERS**

- A. Wallguard.com (877.943.6826)/WGDC.2331.1.
- B. Substitutions: Refer to Section 01 25 00.

**2.2 MATERIALS**

- A. System Description: Provide flush mounted stainless steel corner guards, including mounting adhesive and accessories.
- B. Corner Guard: ASTM A666, Type 304 stainless steel with satin finish; not less than 16 gage (0.059").
  - 1. Size: 2" by 2" exposed face by heights indicated, full height (floor to bottom of roof slab).
- C. Attachment: Manufacturer's recommended adhesive for type of wall.

**PART 3 - EXECUTION****3.1 INSTALLATION**

- A. Install stainless steel corner guards in accordance with manufacturer's recommendations and installation instructions, straight and true to line.

**END OF SECTION**

## USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS

<b>Disciplines:</b>	Structural	<b>History:</b>	Revised 04-15-16 Revised 08-14-14	Revised 08-03-11 Revised 04-27-10	Revised 07-01-09 Issued 02-01-08
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**PURPOSE:** This Interpretation of Regulations (IR) clarifies situations where the use of a statement of general conformance is acceptable in lieu of over-stamping on projects under the jurisdiction of the Division of the State Architect (DSA).

**BACKGROUND:** Business and Professions Code Sections 5536.1 and 6735, and Title 24, Part 1, Section 4-317(h), require signature and seal (or stamp) of the architect or engineer in general responsible charge to be shown on the basic construction documents that include plans, specifications, calculations, reports, etc.

In certain situations, such as listed in Section 1.2 below, when the architect or engineer in general responsible charge utilizes construction documents prepared, signed, and stamped by other California licensed professionals, DSA will accept the Statement of General Conformance shown in Appendix A in lieu of the signature and seal (or stamp) from the architect or engineer in general responsible charge (Title 24, Part 1, Section 4-317[g]).

**INTERPRETATION:** When the following requirements are met, DSA will accept a statement of general conformance (Appendix A) from the architect or engineer in general responsible charge when he or she utilizes construction documents prepared, signed, and stamped by other professionals, in lieu of his or her own signature and stamp on those construction documents.

**1. STATEMENT OF GENERAL CONFORMANCE:** The use of the Statement of General Conformance is subject to the limitations and conditions set forth in Sections 1.1 and 1.2 below:

### **1.1 Limitations and Conditions:**

- 1.1.1** DSA will have the final determination if the Statement of General Conformance is applicable or not.
- 1.1.2** The architect or engineer in general responsible charge and the architect or engineer who has been delegated responsibility for a portion of a project shall prepare a statement of general conformance and a signature block, and provide his/her signature. The statement shall indicate that he/she personally reviewed and coordinated the document(s) prepared by others and found it to be in general conformance. Languages such as "... reviewed by X/Y/Z Company, and found to be..." will not be acceptable. Acceptable examples of the Statement of General Conformance and Signature Block are shown in Appendix A and B, respectively.
- 1.1.3** The Statement of General Conformance "shall not be construed as relieving the architect or the structural engineer in general responsible charge of his or her rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code, and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1 (*quoted from Title 24, Part 1, Section 4-316 [b)]*).
- 1.1.4** California registered professional engineers or licensed specialists who perform the engineering designs and prepare the construction documents, which are considered to be in general conformance by the architect or engineer in general responsible charge, must be competent in the subject area in accordance with Title 16, Division 5, Section 415.

**1.2 Applicability:** The Statement of General Conformance may be used for the following:

**USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS**

**1.2.1** Deferred approvals.

**1.2.2** When previously approved pre-check (PC) documents are utilized as part of a project and there are no changes from the DSA-approved PC documents.

**1.2.3** In lieu of stamps and signatures (required per Title 24, Part 1, Section 4-317(h)) for the basic construction documents (Civil, Architectural, Structural, Mechanical, Electrical, Plumbing, Landscape, etc.).

**1.3 Documents Prepared by Manufacturer's Design Professionals for Deferred Building Components and Structures from Approved Pre-Checked (PC) Plans:**

When a manufacturer supplies plans and specifications prepared by its design professional for deferred approvals of building components, and structures from approved PC documents, a statement of general conformance may be used, and:

**1.3.1** A manufacturer's engineer responsible for the design of building components, procured by the contractor and submitted to DSA for deferred approval in accordance with Section 3 of IR A-19, or for a structure approved by DSA under a previous application for a pre-checked (PC) set of plans that is incorporated in the new project, will not be required to be listed on the [DSA 1](#) or [DSA 1-DEL](#) (see exception). On-site installation shall be the responsibility of the design professional in responsible charge, or a delegated representative listed on the DSA 1-DEL (see exception) in prior agreement with the owner and all participating parties, in accordance with Title 24, California Code of Regulations. The duties for a delegated professional shall be clearly defined on the DSA 1-DEL (see exception).

Exception: Design professionals delegated responsibility for design of permanent modular or relocatable buildings are required to be listed on [DSA 1-MR](#) and to perform observation of new in-plant construction and first-time installation at the project site, in accordance with DSA 1-MR.

**1.3.2** Testing and inspection during fabrication of a structure/component at a remote manufacturing facility shall be the responsibility of the school district/owner to provide testing and inspection by a DSA-certified project inspector, DSA accepted laboratory and/or special inspector, in accordance with IR A-15: [Testing and Inspection of Remotely Fabricated Structural Elements](#).

**2. CHANGES TO DOCUMENTS PREPARED BY OTHER PROFESSIONALS:** This section also applies to DSA approved PC documents. If the architect or engineer in general responsible charge makes any change to the construction documents prepared by other professionals, DSA will accept the changes under either of the following conditions:

- The signature and stamp of the original professional appears on the change, and the architect or engineer in general responsible charge provides a statement of general conformance, or
- The architect or engineer in general responsible charge stamps and signs all changes and assumes responsibility for the changed portion, in accordance with Title 24, Part 1, Section 4-316(c), and subject to the approval of DSA. If the changes significantly affect the safety of the entire structure, the architect or engineer in general responsible charge shall assume responsibility for the entire design.

**3. DOCUMENTS SIGNED AND STAMPED BY OUT-OF-STATE PROFESSIONALS:** Only documents signed and stamped by California licensed design professionals are acceptable to DSA.

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## USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS

**4. USE OF THE STATEMENT OF GENERAL CONFORMANCE:** The Statement and the Signature Block shall be prepared and signed per Section 1.1.2 above, and shown on the documents prepared by others and/or the project construction documents, as follows:

**4.1 Statement of General Conformance** shall be shown on the cover sheet, the index sheet, or as directed by DSA.

**4.2 Signature Block** shall be shown together with the statement of general conformance and as directed by DSA.

### APPENDICES:

**Appendix A** – Example of Statement of General Conformance

**Appendix B** – Example of Signature Block

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### REFERENCES:

California Administrative Code, Title 24, Part 1, Sections 4-316, 4-317

Professional and Vocational Regulations, Title 16, Division 5, Section 415

California Business and Professions Code, Sections 5536.1, 6735

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This administrative interpretation of regulations (IR) is intended for use by the Division of the State Architect (DSA) staff, and as a resource for design professionals, to promote more uniform statewide criteria for plan review and construction inspection of projects within the jurisdiction of DSA, which includes State of California public elementary and secondary schools (grades K-12 and community colleges), and state-owned or state-leased essential services buildings. This IR indicates acceptable practices as stipulated in the California Administrative code (CCR, Title 24, Part 1) and aligning with DSA policies and procedures. This IR is reviewed on a regular basis and is subject to revision at any time. Please check the DSA website for currently effective IRs. Administrative and technical IRs are listed on the DSA website at: <http://www.dgs.ca.gov/dsa/Resources/IRManual.aspx>.

Administrative IRs are effective upon publication. Questions regarding the effective date for existing projects can be directed to the DSA Regional Office with plan review and construction oversight authority for the project.

## APPENDIX A:

### Example of Statement of General Conformance

#### Statement of General Conformance

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS,  
INCLUDING BUT NOT LIMITED TO, SHOP DRAWINGS PREPARED BY OTHER  
LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 01-116168 File No. 43-H10)

- ☒ The drawings or sheets listed on the cover or index sheet  
☐ This drawing, page of specifications/calculations

Have/has been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:



- 1) design intent, and appears to meet the appropriate requirements of Title 24, California Code of Regulations, and the project specifications prepared by me, and
- 2) coordination with my plans and specifications, and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code, and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1 (*Title 24, Part 1, Section 4-317 (b)*).



## USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS

**APPENDIX B:****Example of Signature Block**

I find that:		<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page	
<input checked="" type="checkbox"/> is/are in general conformance with the project design, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.		<input checked="" type="checkbox"/> is/are in general conformance with the project design intent, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.	
			
03/23/2017		03/23/2017	
<b>Signature</b>		<b>Signature</b>	
<b>Date</b>		<b>Date</b>	
<b>Architect or Engineer designated to be in general responsible charge</b>		<b>Architect or Engineer delegated responsibility for this portion of the work</b>	
Robert Mark Baum		Tim Heffernan	
<b>Print Name</b>		<b>Print Name</b>	
C12094		C67089	
06-2017		09-2018	
<b>License Number</b>		<b>License Number</b>	
<b>Expiration Date</b>		<b>Expiration Date</b>	

## USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS

<b>Disciplines:</b>	Structural	<b>History:</b>	Revised 04-15-16 Revised 08-14-14	Revised 08-03-11 Revised 04-27-10	Revised 07-01-09 Issued 02-01-08
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**PURPOSE:** This Interpretation of Regulations (IR) clarifies situations where the use of a statement of general conformance is acceptable in lieu of over-stamping on projects under the jurisdiction of the Division of the State Architect (DSA).

**BACKGROUND:** Business and Professions Code Sections 5536.1 and 6735, and Title 24, Part 1, Section 4-317(h), require signature and seal (or stamp) of the architect or engineer in general responsible charge to be shown on the basic construction documents that include plans, specifications, calculations, reports, etc.

In certain situations, such as listed in Section 1.2 below, when the architect or engineer in general responsible charge utilizes construction documents prepared, signed, and stamped by other California licensed professionals, DSA will accept the Statement of General Conformance shown in Appendix A in lieu of the signature and seal (or stamp) from the architect or engineer in general responsible charge (Title 24, Part 1, Section 4-317[g]).

**INTERPRETATION:** When the following requirements are met, DSA will accept a statement of general conformance (Appendix A) from the architect or engineer in general responsible charge when he or she utilizes construction documents prepared, signed, and stamped by other professionals, in lieu of his or her own signature and stamp on those construction documents.

**1. STATEMENT OF GENERAL CONFORMANCE:** The use of the Statement of General Conformance is subject to the limitations and conditions set forth in Sections 1.1 and 1.2 below:

### **1.1 Limitations and Conditions:**

- 1.1.1** DSA will have the final determination if the Statement of General Conformance is applicable or not.
- 1.1.2** The architect or engineer in general responsible charge and the architect or engineer who has been delegated responsibility for a portion of a project shall prepare a statement of general conformance and a signature block, and provide his/her signature. The statement shall indicate that he/she personally reviewed and coordinated the document(s) prepared by others and found it to be in general conformance. Languages such as "... reviewed by X/Y/Z Company, and found to be..." will not be acceptable. Acceptable examples of the Statement of General Conformance and Signature Block are shown in Appendix A and B, respectively.
- 1.1.3** The Statement of General Conformance "shall not be construed as relieving the architect or the structural engineer in general responsible charge of his or her rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code, and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1 (*quoted from Title 24, Part 1, Section 4-316 [b)]*).
- 1.1.4** California registered professional engineers or licensed specialists who perform the engineering designs and prepare the construction documents, which are considered to be in general conformance by the architect or engineer in general responsible charge, must be competent in the subject area in accordance with Title 16, Division 5, Section 415.

**1.2 Applicability:** The Statement of General Conformance may be used for the following:

**USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS**

**1.2.1** Deferred approvals.

**1.2.2** When previously approved pre-check (PC) documents are utilized as part of a project and there are no changes from the DSA-approved PC documents.

**1.2.3** In lieu of stamps and signatures (required per Title 24, Part 1, Section 4-317(h)) for the basic construction documents (Civil, Architectural, Structural, Mechanical, Electrical, Plumbing, Landscape, etc.).

**1.3 Documents Prepared by Manufacturer's Design Professionals for Deferred Building Components and Structures from Approved Pre-Checked (PC) Plans:**

When a manufacturer supplies plans and specifications prepared by its design professional for deferred approvals of building components, and structures from approved PC documents, a statement of general conformance may be used, and:

**1.3.1** A manufacturer's engineer responsible for the design of building components, procured by the contractor and submitted to DSA for deferred approval in accordance with Section 3 of IR A-19, or for a structure approved by DSA under a previous application for a pre-checked (PC) set of plans that is incorporated in the new project, will not be required to be listed on the [DSA 1](#) or [DSA 1-DEL](#) (see exception). On-site installation shall be the responsibility of the design professional in responsible charge, or a delegated representative listed on the DSA 1-DEL (see exception) in prior agreement with the owner and all participating parties, in accordance with Title 24, California Code of Regulations. The duties for a delegated professional shall be clearly defined on the DSA 1-DEL (see exception).

Exception: Design professionals delegated responsibility for design of permanent modular or relocatable buildings are required to be listed on [DSA 1-MR](#) and to perform observation of new in-plant construction and first-time installation at the project site, in accordance with DSA 1-MR.

**1.3.2** Testing and inspection during fabrication of a structure/component at a remote manufacturing facility shall be the responsibility of the school district/owner to provide testing and inspection by a DSA-certified project inspector, DSA accepted laboratory and/or special inspector, in accordance with IR A-15: [Testing and Inspection of Remotely Fabricated Structural Elements](#).

**2. CHANGES TO DOCUMENTS PREPARED BY OTHER PROFESSIONALS:** This section also applies to DSA approved PC documents. If the architect or engineer in general responsible charge makes any change to the construction documents prepared by other professionals, DSA will accept the changes under either of the following conditions:

- The signature and stamp of the original professional appears on the change, and the architect or engineer in general responsible charge provides a statement of general conformance, or
- The architect or engineer in general responsible charge stamps and signs all changes and assumes responsibility for the changed portion, in accordance with Title 24, Part 1, Section 4-316(c), and subject to the approval of DSA. If the changes significantly affect the safety of the entire structure, the architect or engineer in general responsible charge shall assume responsibility for the entire design.

**3. DOCUMENTS SIGNED AND STAMPED BY OUT-OF-STATE PROFESSIONALS:** Only documents signed and stamped by California licensed design professionals are acceptable to DSA.

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## USE OF CONSTRUCTION DOCUMENTS PREPARED BY OTHER PROFESSIONALS

**4. USE OF THE STATEMENT OF GENERAL CONFORMANCE:** The Statement and the Signature Block shall be prepared and signed per Section 1.1.2 above, and shown on the documents prepared by others and/or the project construction documents, as follows:

**4.1 Statement of General Conformance** shall be shown on the cover sheet, the index sheet, or as directed by DSA.

**4.2 Signature Block** shall be shown together with the statement of general conformance and as directed by DSA.

### APPENDICES:

**Appendix A** – Example of Statement of General Conformance

**Appendix B** – Example of Signature Block

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### REFERENCES:

California Administrative Code, Title 24, Part 1, Sections 4-316, 4-317

Professional and Vocational Regulations, Title 16, Division 5, Section 415

California Business and Professions Code, Sections 5536.1, 6735

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This administrative interpretation of regulations (IR) is intended for use by the Division of the State Architect (DSA) staff, and as a resource for design professionals, to promote more uniform statewide criteria for plan review and construction inspection of projects within the jurisdiction of DSA, which includes State of California public elementary and secondary schools (grades K-12 and community colleges), and state-owned or state-leased essential services buildings. This IR indicates acceptable practices as stipulated in the California Administrative code (CCR, Title 24, Part 1) and aligning with DSA policies and procedures. This IR is reviewed on a regular basis and is subject to revision at any time. Please check the DSA website for currently effective IRs. Administrative and technical IRs are listed on the DSA website at: <http://www.dgs.ca.gov/dsa/Resources/IRManual.aspx>.

Administrative IRs are effective upon publication. Questions regarding the effective date for existing projects can be directed to the DSA Regional Office with plan review and construction oversight authority for the project.

## APPENDIX A:

### Example of Statement of General Conformance

#### Statement of General Conformance

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS,  
INCLUDING BUT NOT LIMITED TO, SHOP DRAWINGS PREPARED BY OTHER  
LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 01-116168 File No. 43-H10)

- ☒ The drawings or sheets listed on the cover or index sheet  
☐ This drawing, page of specifications/calculations

Have/has been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

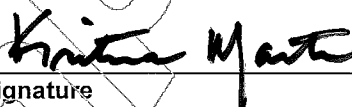
- 1) design intent, and appears to meet the appropriate requirements of Title 24, California Code of Regulations, and the project specifications prepared by me, and
- 2) coordination with my plans and specifications, and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code, and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1 (*Title 24, Part 1, Section 4-317 (b)*).



# APPENDIX B:

## Example of Signature Block

I find that: <input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page	
<input checked="" type="checkbox"/> is/are in general conformance with the project design, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.	<input checked="" type="checkbox"/> is/are in general conformance with the project design intent, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.
	
03/23/2017	03/23/2017
Signature	Signature
Architect or Engineer designated to be in general responsible charge	Architect or Engineer delegated responsibility for this portion of the work
Robert Mark Baum	KRISTINA MARTIN
Print Name	Print Name
C12094	E15303
06-2017	03/31/2019
License Number	Expiration Date
Expiration Date	License Number