

College of San Mateo

Building 34 Modernization San Mateo County Community College District

ARCHITECT OF RECORD

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Design-Build Electrical

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1470 Caesar Chavez
San Francisco, CA 94142
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LOCAL FIRE AUTHORITY REVIEW

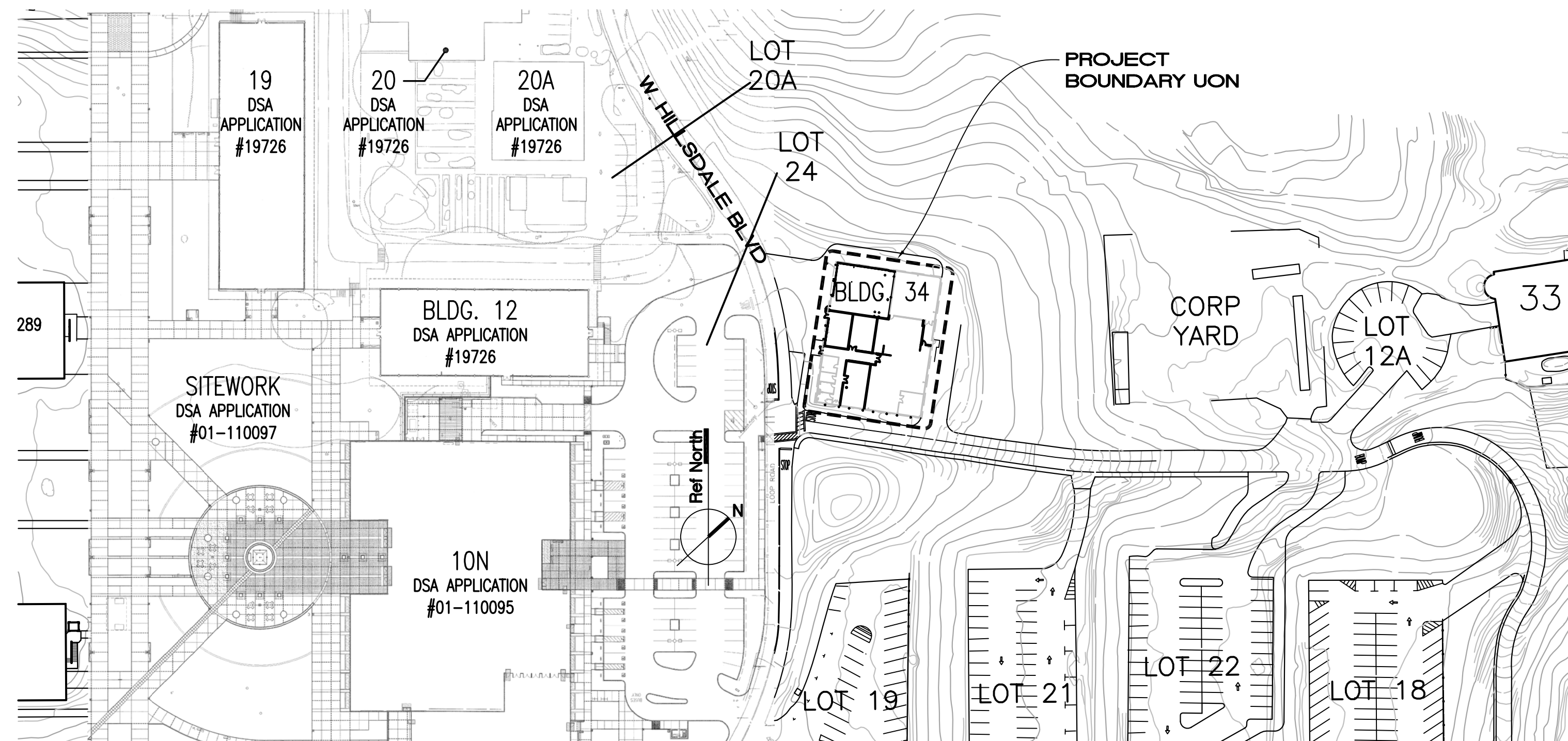
SEE SHEET R-2

CAMPUS ACCESSIBILITY

SEE SHEET R-1

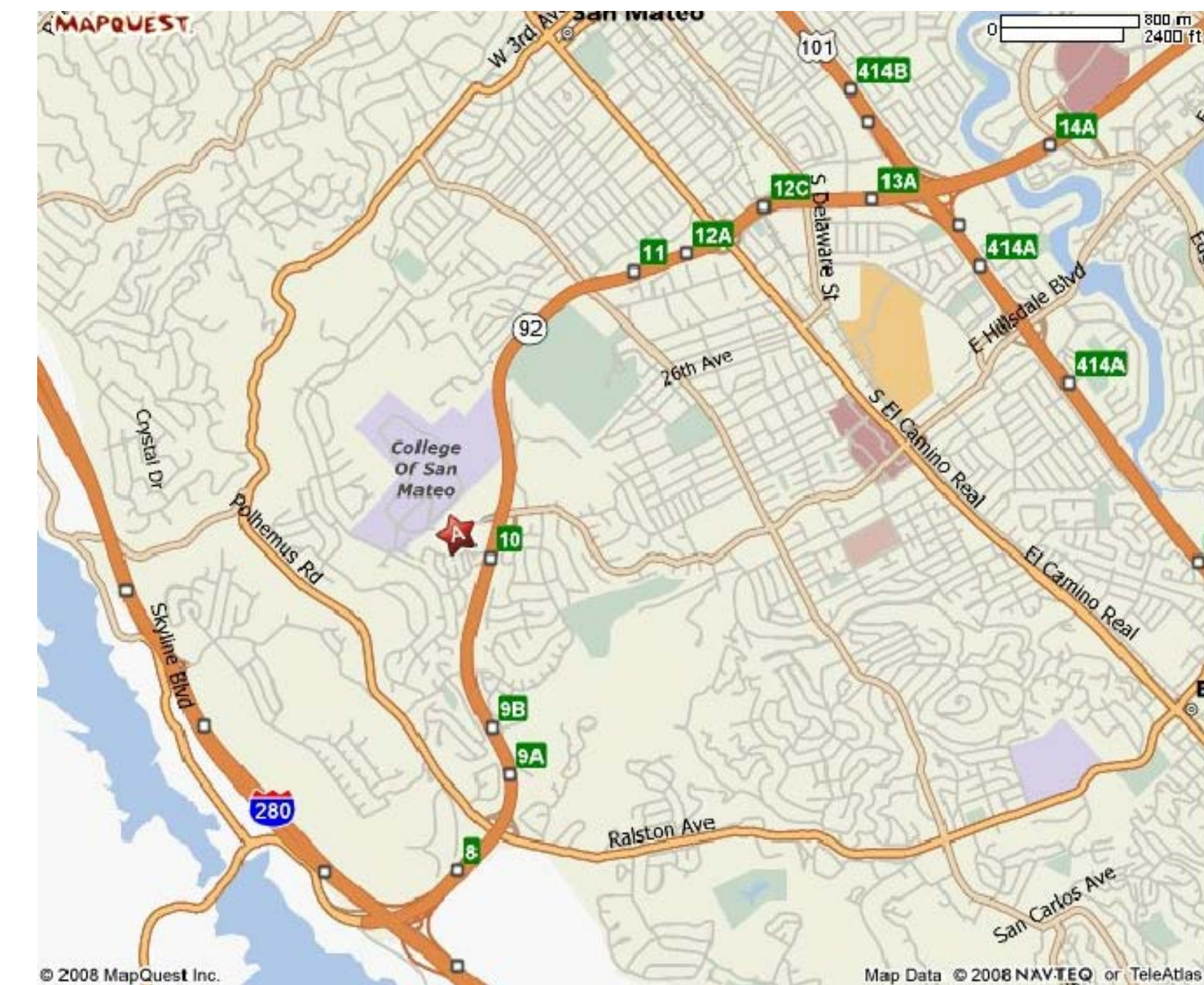
GENERAL SITE PLAN (SEE SHEET C1.01 FOR ADDITIONAL INFORMATION)

SCALE: 1" = 120'-0"



VICINITY MAP

NOT TO SCALE



CODE COMPLIANCE

2007 CBC, TITLE 24 CCR (WITH 2007 AMMENDS.)

1. Part 1 Building Standards Administrative Code

Part 2 California Building Code (CBC)

Part 3 California Electrical Code (CEC)

Part 4 California Mechanical Code

Part 5 California Plumbing Code

Part 6 California Energy Code

Part 9 California Fire Code

Part 12 California Referenced Standards Code

State Fire Marshal Regulations
National Reference Standards

ADA Code of Federal Regulations including Amendments

ASD(AISC) Manual of Steel Construction, 13th Edition

ACI-318-05 Code & Commentary

2002 NFPA 13 Installation of Sprinkler Systems

2003 NFPA 14 Installation of Standpipe, Private Hydrant
and Hose Systems

2002 NFPA 17A to a UL 300 for Class I Hood Fire
Suppression System. (Wet Chemical Extinguishing Systems)

2002 NFPA 24 Installation of Private Fire Service Mains
and Their Appurtenances

2002 NFPA 72 National Fire Alarm Code

NFPA 90A, 2002 Edition

SCOPE OF WORK

BUILDING 34:

1. CONSTRUCT APPARATUS STORAGE IN EXISTING BUILDING:
 - A. INSTALL EXTERIOR 12'-0" x 14'-0" OVERHEAD DOORS
 - B. INSTALL EXTERIOR SINGLE LEAF DOOR
 - C. INSTALL VEHICLE EXHAUST SYSTEM
 - D. INSTALL PRE-FABRICATED MEZZANINE

*NOTE: VEHICLES STORED IN APPARATUS STORAGE ARE FOR TRAINING PURPOSES ONLY

2. CONSTRUCT MAIL / RECEIVING SPACE IN EXISTING BUILDING WITH EXTERIOR DOUBLE-LEAF DOOR
3. CONSTRUCT WALL AND DOUBLE-LEAF INTERIOR DOOR OPENING FOR SECURE STORAGE IN EXISTING BUILDING
4. CONSTRUCT WALL AND DOUBLE-LEAF INTERIOR DOOR OPENING FOR ITS MEDIA SERVICES CENTER IN EXISTING BUILDING
5. CONSTRUCT WALL FOR INFORMATION TECHNOLOGY WAREHOUSE
6. CONSTRUCT VESTIBULE FOR INFORMATION TECHNOLOGY WAREHOUSE AND EXISTING CHILLER PLANT

ARCHITECT'S STATEMENT

With the exception of the General (G Series) and Architectural (A Series) these drawings and/or specifications and/or calculations for the items listed on G0.01 have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. These documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me.

The items listed above have been coordinated with my plans and specifications and are acceptable for incorporation into the construction of this project for which I am the individual designated to be in general responsible charge. 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 the Title 24, Part 1. (Title 24, Part 1, Section 4-317 (b))

The accepted drawings are listed on Sheet G0.01.

Christopher Noll, Principal Date
NOLL & TAM Architects

CA License No C15916

Expiration Date: 12/31/11

CONSTRUCTION DOCUMENTS

COLLEGE OF SAN MATEO BUILDING 34 MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillside Blvd.
San Mateo, CA 94402

SHEET TITLE

COVER SHEET

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011

DRAWN CB

CHECKED JC

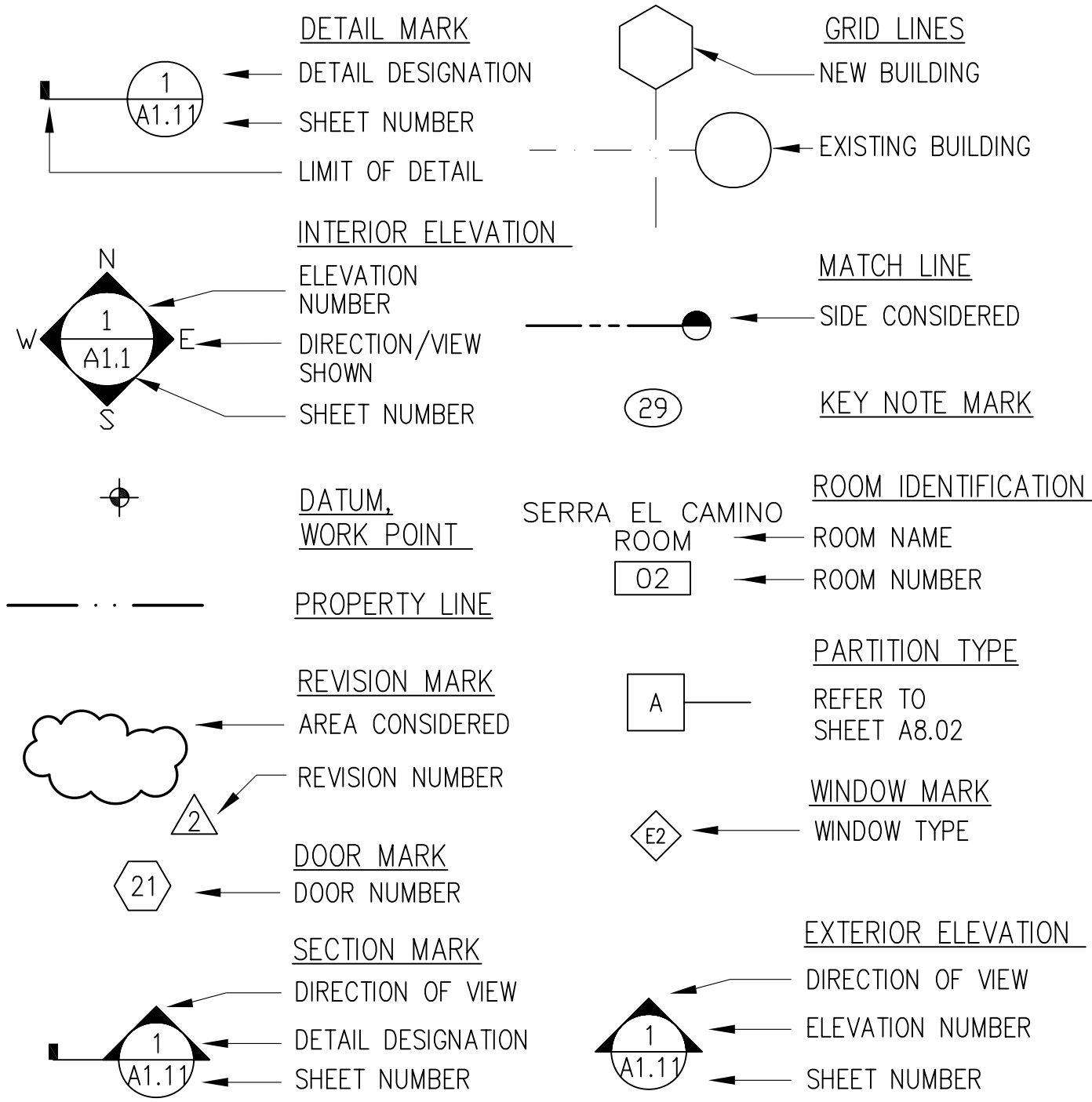
SCALE NA

N&T JOB NO.: 2901.4

SHEET NUMBER

COVER

SYMBOLS



GENERAL NOTES

- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE PROJECT SPECIFICATIONS.
- ALL WORK SHALL MEET OR EXCEED THE MINIMUM STANDARDS OF THE LATEST ADOPTED EDITION AND SUPPLEMENTS OF THE CODES AND REGULATIONS.
- INFORMATION CONTAINED WITHIN THESE DOCUMENTS SHALL NOT BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE REFERENCED CODES.
- CONTRACTOR SHALL EXAMINE THE DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH MAY BE FOUND PRIOR TO THE START OF WORK.
- ALL DETAILS, SCHEDULES, ADDENDA, AND SPECIFICATIONS BOUND SEPARATELY ARE A PART OF THE CONTRACT DOCUMENTS.
- ITEMS MARKED "N.I.C." ARE NOT IN CONTRACT. SUCH ITEMS ARE INCLUDED IN THE DOCUMENTS WHEN CONTRACTOR'S COORDINATION IS REQUIRED OR FOR CLARIFICATION OF PROJECT LIMITS.
- DIMENSIONS:
IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM THE DRAWINGS. ALL DIMENSIONS ARE TO THE ROUGH OPENING UON.
ALL DIMENSIONS TO STUD WALLS ARE TO THE FACE OF FINISH, UON.
CEILING HEIGHT DIMENSIONS ARE FROM FINISHED FLOOR TO FINISHED FACE OF CEILING, UON.
ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS PRIOR TO PROCEEDING WITH CONSTRUCTION.
COORDINATE WITH EQUIPMENT CONTRACTORS FOR ROUGH-IN DIMENSIONS AND TEMPLATES.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES, UON. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THE PROJECT.

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<u>CIVIL</u>		E2.01	BUILDING 34 - TITLE 24 COMPLIANCE
C1.00	EXISTING TOPOGRAPHY	E2.02	BUILDING 34 - POWER / SIGNAL FLOOR PLAN
C1.01	ACCESSIBLE PATH OF TRAVEL	E2.03	BUILDING 34 - LIGHTING FLOOR PLAN
C1.02	HORIZONTAL CONTROL AND PAVING PLAN	<u>FIRE ALARM</u>	
C1.03	GRADING AND UTILITY PLAN	FA-01	COVER / DRAWING LIST / EQUIPMENT LIST
C1.04	CONSTRUCTION DETAILS	FA-02	MISCELLANEOUS DETAILS
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A2.10	BUILDING 34 - FLOOR PLAN AND MEZZANINE PLAN	FA-05	BUILDING 34 - FIRE ALARM RISER DIAGRAM
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A5.01	BUILDING 34 - APPARATUS STORAGE INTERIOR ELEVATIONS	R-1	ACCESSIBLE PATH OF TRAVEL PLAN - FOR REFERENCE ONLY
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<u>MECHANICAL</u>			
AC0.00	COVER SHEET, HVAC LEGEND & DRAWING INDEX		
AC0.01	EQUIPMENT SCHEDULES AND DETAILS		
AC1.01	HVAC - FIRST FLOOR PLAN		
AC6.01	PIPING AND WIRING DIAGRAMS		

ABBREVIATIONS

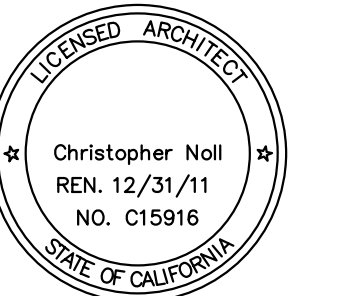
AB	ANCHOR BOLT	E	EAST	INT	INTERIOR	RO	ROUGH OPENING
AC	ASPHALTIC CONC	(E)	EXISTING	JST	JOIST	REV	REVISION
ACC	ACCESS	EA	EACH	JAN	JANITOR	RM	ROOM
ACOUS	ACOUSTICAL	EJ	EXPANSION JOINT	J_BOX	JUNCTION BOX	RWL	RAIN WATER LEADER
AD	AREA DRAIN	ELEC	ELECTRICAL	JT	JOINT	S	SOUTH
ADJ	ADJACENT/ADJUSTABLE	ELEV	ELEVATOR/ELEVATION	LAM	LAMINATE	SC	SOLID CORE
AFF	ABOVE FINISHED FLOOR	EP	ELECTRICAL PANEL	LAV	LAVATORY	SCHED	SCHEDULE
AGG	AGGREGATE	EQ	EQUAL	LB	LAG BOLT	SE	STRUCTURAL ENGINEER
ALT	ALTERNATE	EQUIP	EQUIPMENT	LF	LINEAR FEET	SED	SEE ELECTRICAL DRAWINGS
ALUM	ALUMINUM	EWC	ELECTRIC WATER COOLER	LKR	LOCKER	SF	SUPPLY FAN
&	AND	EXH	EXHAUST	LT	LIGHT	SMD	SEE MECHANICAL DRAWINGS
ANOD	ANODIZED	EXP	EXPANSION	MAS	MASONRY	SOG	SLAB ON GRADE
APPROX	APPROXIMATE	EXT	EXTERIOR	MATL	MATERIAL	SS	STAINLESS STEEL
@	AT	FA	FIRE ALARM	MAX	MAXIMUM	SSD	SEE STRUCTURAL DRAWINGS
BO	BOTTOM OF	FD	FLOOR DRAIN	MB	MACHINE BOLT	STD	STANDARD
BD	BOARD	FDN	FOUNDATION	MECH	MECHANICAL	SEC	SECTION
BLDG	BUILDING	FE	FIRE EXTINGUISHER	MFR	MANUFACTURER	SH	SINGLE HUNG
BLK	BLOCK	FEC	FIRE EXTINGUISHER CABINET	MH	MANHOLE	SHT	SHEET
BLKG	BLOCKING	FHC	FIRE HOSE CABINET	MIN	MINIMUM	SHTG	SHEATHING
BM	BEAM	FOC	FACE OF CONCRETE	MISC	MISCELLANEOUS	SIM	SIMILAR
BOT	BOTTOM	FOF	FACE OF FINISH	MTD	MOUNTED	SLD	SEE LANDSCAPE DRAWINGS
BUR	BUILT UP ROOFING	FOS	FACE OF STUD	MTL	METAL	SP	STONE PANEL
CB	CARRIAGE BOLT	FIN	FINISH	MUL	MULLION	SPEC	SPECIFICATION
CE	CIVIL ENGINEER	FIN FLR	FINISHED FLOOR	N	NORTH	SQ	SQUARE
CER	CERAMIC	FX	FIXTURE	(N)	NEW	SSK	SERVICE SINK
CEM	CEMENT/CEMENTITIOUS	GB	GRAB BAR	NA	NOT APPLICABLE	STL	STEEL
CJ	CONTROL JOINT	FLR	FLOOR	NIC	NOT IN CONTRACT	STRL	STRUCTURAL
CMU	CONCRETE MASONRY UNIT	FLUOR	FLUORESCENT	NTS	NOT TO SCALE	STOR	STORAGE
CO	CLEAN OUT	FR	FIRE RESISTANT/RETARDANT	NO	NUMBER	SUSP	SUSPENDED
CAB	CABINET	FT	FOOT OR FEET	NOM	NOMINAL	SYS	SYSTEM
CI	CAST IRON	FTG	FOOTING	OA	OVERALL	T	TREAD
CLG	CEILING	FURN	FURNITURE	OC	ON CENTER	TEL	TELEPHONE
CLKG	CAULKING	FX	FIXED	OD	OUTSIDE DIAMETER/	TEMP	TEMPERED
CLO	CLOSET	GB	GRAB BAR	OF	OUTSIDE FACE	T&G	TONGUE & GROOVE
CLR	CLEAR	GC	GENERAL CONTRACTOR	OFCI	OWNER FURNISH-CONTRACTOR INSTALL	THRESH	THRESHOLD
CNTR	COUNTER	GFI	GROUND FAULT INTERRUPT	OFF	OFFICE	THK	THICK(NESS)
COL	COLUMN	GI	GALVANIZED IRON	OPP	OPERABLE	TJI	TRUSS JOIST
CONC	CONCRETE	GLAM	GLUE LAMINATED	OP HD	OPPOSITE HAND	TOC	TOP OF PAVING
CONN	CONNECTION	GA	GAUGE	OPNG	OPENING	TOP	TOP OF CONCRETE/CURB
CONT	CONTINUOUS	GALV	GALVANIZED	OPP	OPPOSITE	TOS	TOP OF STEEL
CONTR	CONTRACTOR	GL	GLASS, GLAZING	PT	PRESSURE TREATED	TOW	TOP OF WALL
CORR	CORRIDOR	GR	GRADE	PT	PRESSURE TREATED	TS	TUBE STEEL
CPT	CARPET	CSM	GALVANIZED SHEET METAL	PVC	POLYVINYLCHLORIDE	TYP	TYPICAL
CSMT	CASEMENT	GWB	GYP GYPSUM WALLBOARD	PVN	PARTITION	UON	UNLESS OTHERWISE NOTED
CTR	CENTER	GYP	GYP GYPSUM	PL	PLATE	UR	URINAL
CTSK	COUNTERSINK	H	HIGH	P LAM	PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
D	DEPTH	HB	HOLLOW CORE	PLAS	PLASTIC	VIF	VERIFY IN FIELD
DEPT	DEPARTMENT	HC	HOLLOW METAL	PLY	PLYWOOD	VENT	VENTILATION
DF	DOUGLAS FIR/DRINKING FOUNTAIN	HM	HOLLOW METAL	PR	PAIR	VERT	VERTICAL
DH	DOUBLE HUNG	HVAC	HEATING VENTILATING & AIR CONDITIONING	PROJ	PROJECT/PROJECTOR	VEST	VESTIBULE
DS	DOWNSPOUT	HD	HEADER	PT	POINT/PRESSURE TREATED	W	WEST, WIDTH
DBL	DOUBLE	HDR	HEADER	PTD	PAINTED	W/	WITH
DEMO	DEMOLITION, DEMOLISH	HDWD	HARDWOOD	QTY	QUANTITY	W/O	WITHOUT
DTL	DETAIL	HDW	HARDWARE	R	RISER	WC	WATER CLOSET
DIA	DIAMETER	HORIZ	HORIZONTAL	RD	RADIUS	WD	WOOD
DIM	DIMENSION	HR	HOUR	REF	REFERENCE	WDO	WINDOW
DISP	DISPOSAL	HT	HEIGHT	REFR	REFRIGERATOR	WH	WATER HEATER
DN	DOWN	ID	INSIDE DIAMETER	REIN	REINFORCING	WR	WATER RESISTANT
DR	DOOR	IF	INSIDE FACE	REG	REGISTER	WT	WEIGHT
DWR	DRAWER	INC	INCANDESCENT	REQD	REQUIRED		
DWG	DRAWING	INSUL	INSULATION	RES	RESILIENT		

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CONSTRUCTION DOCUMENTS

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BUILDING 34
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1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

INDEX OF DWGS, GEN NOTES, ABBREV, AND SYMBOLS

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011

DRAWN CB

CHECKED JC

SCALE NA

N&T JOB NO.: 2901.4

SHEET NUMBER

GO.01

CODE ANALYSIS – California Building Code, 2007 Edition

BUILDING 34

Existing Conditions

Existing Structure: Type VB
 Fire Suppression Sprinkler System: Unsprinklered
 CBC 903.2: Sprinklers not required for B Occupancy
 Fire Alarm System: Consists of a Siemens MXL (District Standard) Fire Alarm Control Panel that is tied to the Main Campus Fire Alarm Control Panel.

Occupancy

CBC Chapter 3 Article 304.1
 Mixed Use Occupancy – S-1: Apparatus Storage – Motor Vehicle Repair Garage
 B: Community College – Information Technology Storage and Campus Mail Sorting and Delivery

Per CBC Table 508.3.3 no separation is required between S-1 and B Occupancies

Additional Occupancies – none:

Table 508.2 defines spaces such as refrigerant machinery rooms as Incidental Use Areas to the main building occupancy. The existing Chiller Plant is therefore a Incidental Use Area requiring a 1-hour separation from the rest of the building.

Allowable Building Area

Building Area total below horizontal roof projection per CBC 502.1: 11,144 SF
 CBC Chapter 5 Table 503
 Basic Allowable Floor Area (B and S-1 Occ): 9,000 SF per story for two stories

Area Modifications per CBC 506.2

Allowable Area for Frontage = $[(\text{frontage} > 20' \text{ open space} / \text{building perimeter}) - 0.25](30/30) = [(422 \text{ LF} / 422 \text{ LF}) - 0.25](1) = 0.75$

Allowable Area for B and S-1 occupancies = $9,000 \text{ SF} \times 1.75 = 15,750 \text{ SF} > 11,144 \text{ SF} = \text{OK}$

Fire Resistant Rating Requirements

CBC Table 601
 Fire Resistive Rated Construction:
 Bearing walls – Exterior = 0 hours
 Interior = 0 hours
 Non-bearing walls – 0 hours
 Floor construction – 0 hours
 Roof construction – 0 hour

Allowable Openings

CBC Table 704.8 – Maximum Area of Exterior Wall Openings
 No limit where Fire Separation Distance is greater than 30 feet

Required Separation of Occupancies

CBC Chapter 5 Table 508.2 Incidental Use Areas:
 Chiller Plant (Refrigerant Machinery Rooms) = 1-hour separation

Occupant Load

Gross Floor Area inside exterior walls per CBC 1002.1: 10,591 SF
 Net Floor Area excluding corridors, mechanical and toilet rooms per CBC 1002.1: 7,809 SF
 Total Occupant Load: 77 Occupants

CBC Chapter 10 Table 1004.1.1

1) Wet Break room: 106 SF (net)/15 SF per occupant = 8 occupants – 1 means of egress required and provided

Egress Requirements

CBC 1005.1
 Egress Width for Building Exits: Occupant Load x 0.2 inches
 AREA A – APPARATUS STORAGE: $11 \times 0.2 = 3$ inches required and 36 inches provided
 AREA B – MAIL RECEIVING: $6 \times 0.2 = 1.2$ inches required and 72 inches provided
 AREA C – BALANCE OF BUILDING: $64 \times 0.2 = 12.8$ inches required and 108 inches provided
 2 exits required for 77 Occupants and 4 provided

CBC 1014.3

Maximum allowable length of Common Path of Egress Travel: 75 feet maximum (Non-Sprinklered Building)
 Maximum proposed length of Common Path of Egress Travel: 52 feet < 75

CBC Table 1016.1

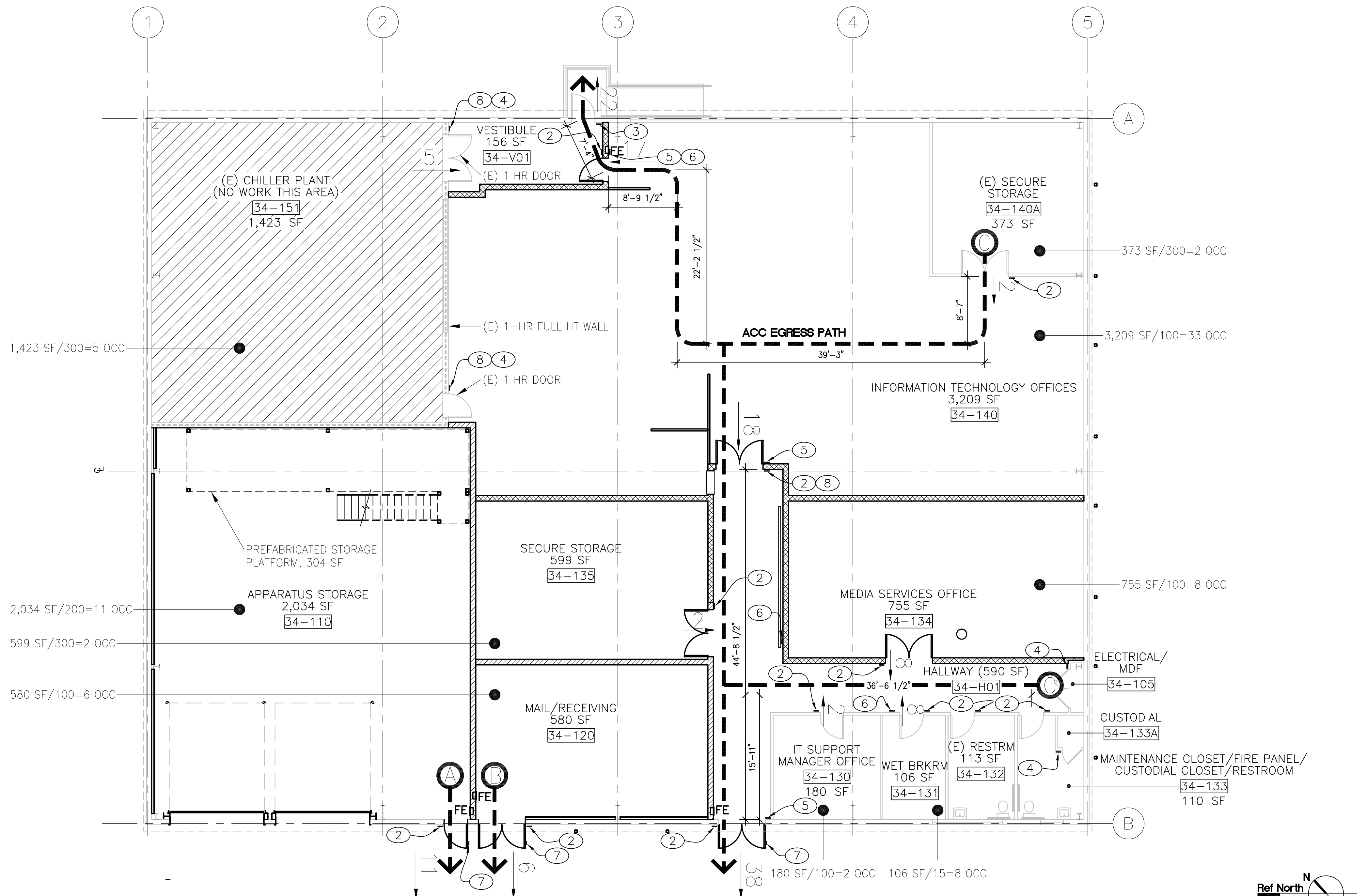
Exit Access Travel Distance: 200 feet maximum (Non-Sprinklered Building)
 Maximum proposed length of Exit Access Travel Distance: 87 feet < 200

KEY NOTES

- ① SEE DETAIL 3/A8.03
- ② SEE DETAIL 4/A8.03
- ③ SEE DETAIL 5/A8.03
- ④ SEE DETAIL 6/A8.03
- ⑤ SEE DETAIL 7/A8.03
- ⑥ SEE DETAIL 8/A8.03
- ⑦ SEE DETAIL 11/A8.03
- ⑧ SEE DETAIL 12/A8.03

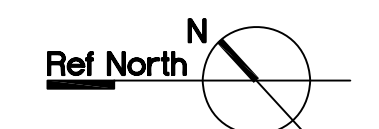
LEGEND

EXISTING STUD WALL		NEW FURRED STUD WALL W/ 3/4" FOX PLYWD TO 12'-0" AFF	
EXISTING 1-HR RATED STUD WALL		EXISTING DOOR AND FRAME	
NEW FULL HT STUD WALL, GYP BOARD STOPS AT 8'-0" AT BLOCK'G		NEW DOOR AND FRAME	
NEW FULL-HEIGHT STUD WALL		FURNITURE PARTITION, OFCI	
FIRE EXTINGUISHER IN CABINET			



1 EXITING PLAN – BUILDING 34

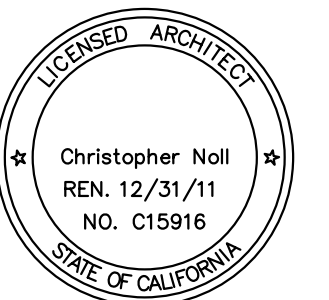
G1.20



1/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

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 San Mateo, CA 94402
 College of San Mateo
 1700 W. Hillsdale Blvd.
 San Mateo, CA 94402

SHEET TITLE

**BUILDING 34-
 CODE ANALYSIS,
 EXITING PLAN**

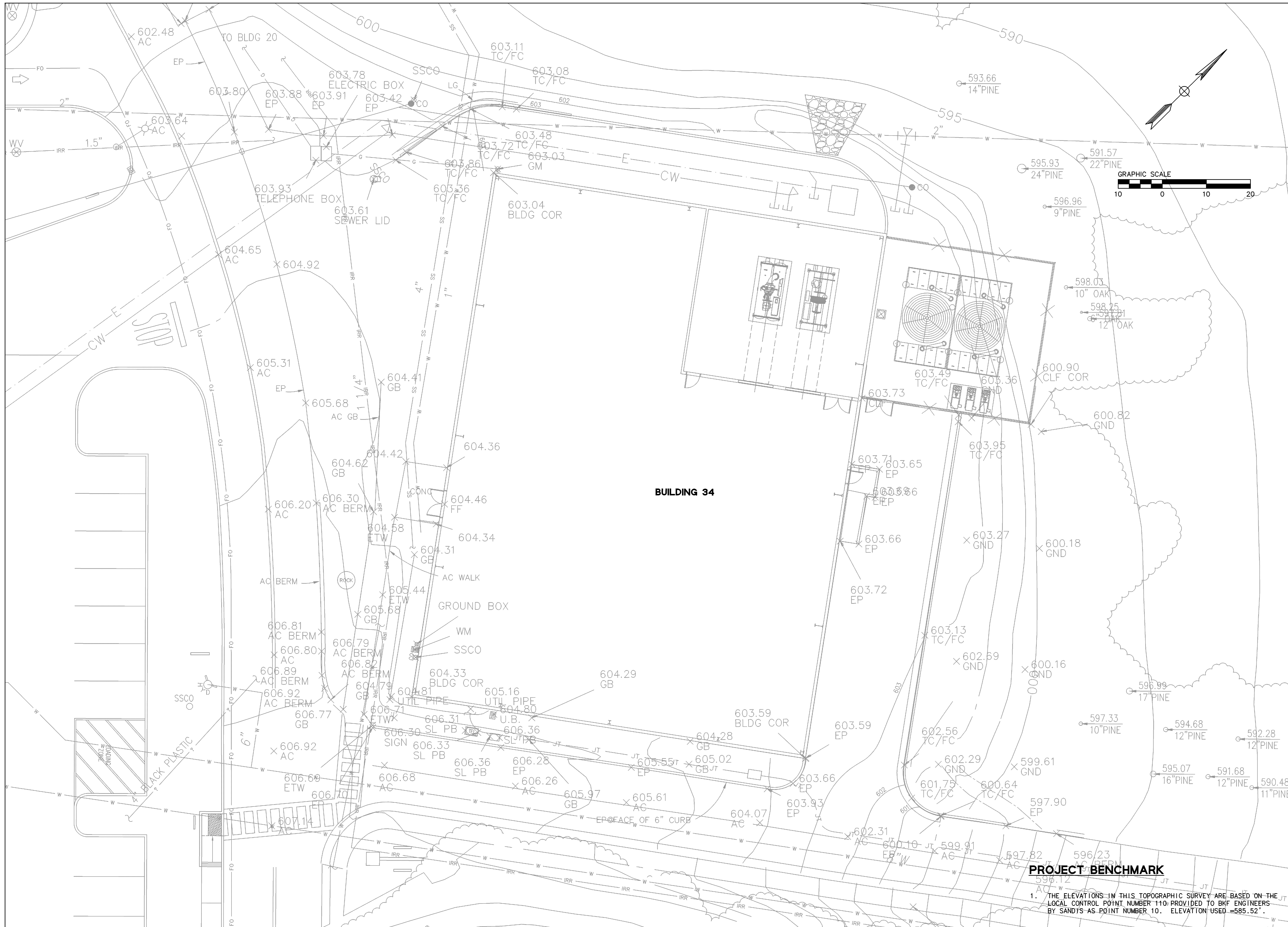
REVISIONS

NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	JC
SCALE	1/8" = 1'-0"
N&T JOB NO.:	2901.4

SHEET NUMBER

GO.02



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CONSTRUCTION DOCUMENTS

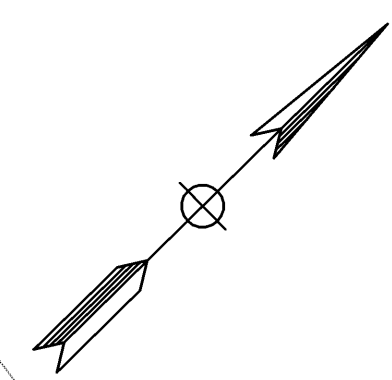
COLLEGE OF SAN MATEO
BUILDING 34
MODERNIZATION
SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE
EXISTING TOPOGRAPHY

REVISIONS		
NO.	DATE	DESCRIPTION

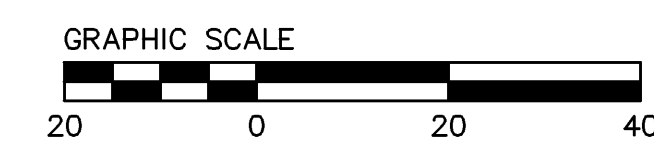
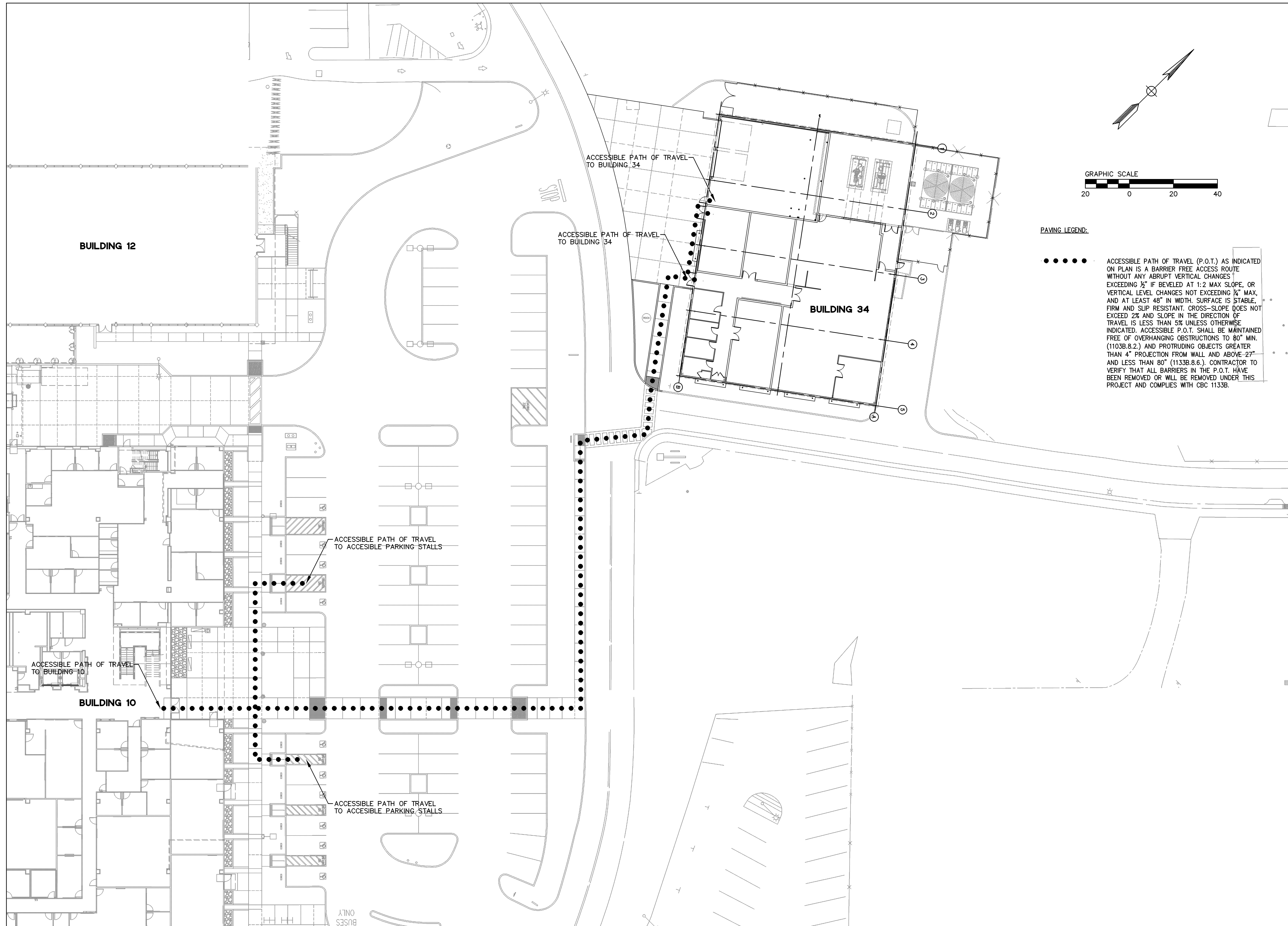
DATE MARCH 11, 2011
DRAWN MD/JT
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SCALE 1"=10'
N&T JOB NO.: 2901.4

SHEET NUMBER
C1.00



PROJECT BENCHMARK

1. THE ELEVATIONS IN THIS TOPOGRAPHIC SURVEY ARE BASED ON THE LOCAL CONTROL POINT NUMBER 110 PROVIDED TO BKF ENGINEERS BY SANDIS-AS POINT NUMBER 10. ELEVATION USED = 585.52'



PAVING LEGEND:



ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN. (1103B.8.2.) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (1133B.8.6.). CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE P.O.T. HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND COMPLIES WITH CBC 1133B.

ARCHITECT OF RECORD

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CONSTRUCTION DOCUMENTS

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BUILDING 34
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SHEET TITLE

ACCESSIBLE PATH OF TRAVEL

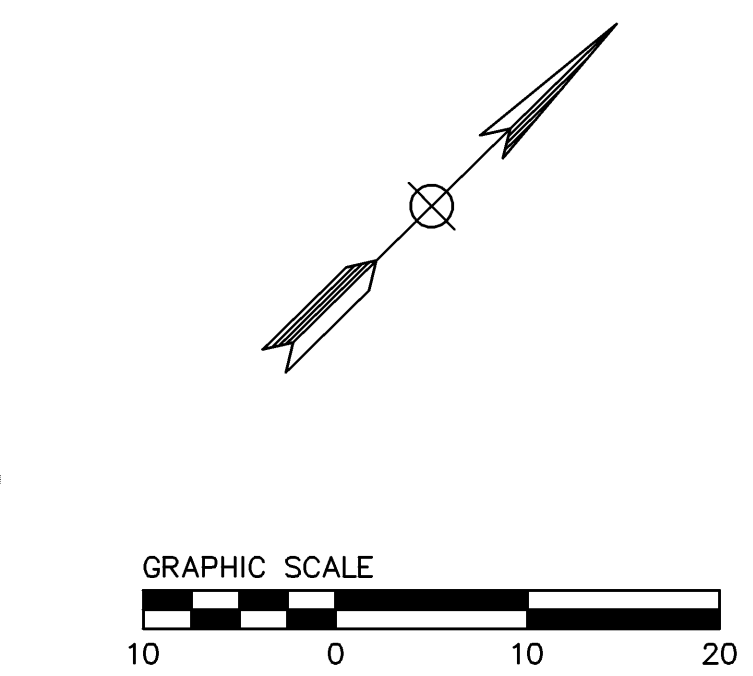
REVISIONS


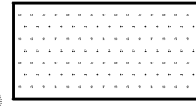
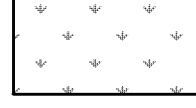

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN MD/JT
CHECKED RH
SCALE 1"=20'
N&T JOB NO.: 2901.4

SHEET NUMBER

C1.01



- PAVING LEGEND:**
-  CONCRETE PAVING:
6" PCC OVER 4" CL II AB
 -  CONCRETE SIDEWALK:
4" PCC OVER 4" CL II AB
 -  DG:
SEE ARCHITECTURAL PLANS
 -  EXISTING ASPHALT CONCRETE PAVING

CURB TANGENT TABLE

NO.	BEARING	LENGTH
1	S45°03'02"E	6.88'
2	S36°35'22"E	46.11'
3	S53°24'38"W	12.83'
4	N53°24'38"E	8.79'
5	N36°35'22"W	48.33'

CURB CURVE TABLE

NO.	RADIUS	DELTA	LENGTH
1	653.35'	02°34'16"	29.32'
2	15.00'	81°37'22"	21.37'

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CONSTRUCTION DOCUMENTS

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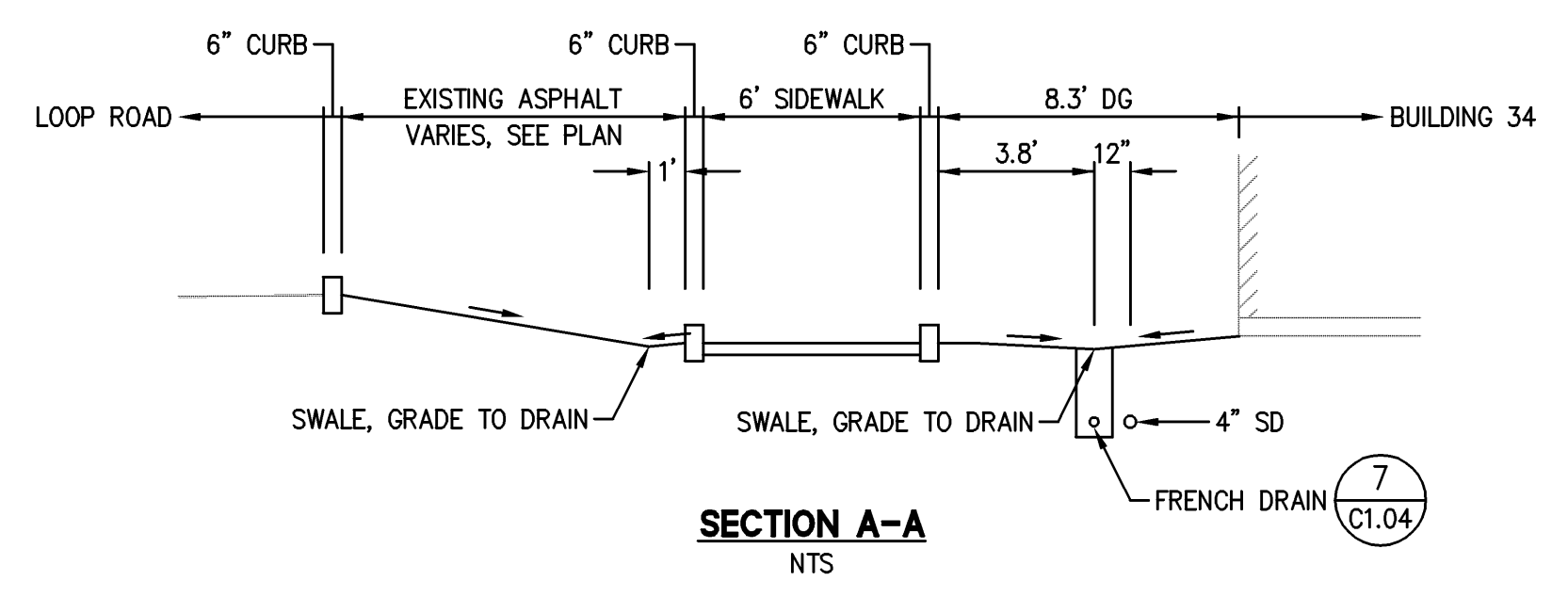
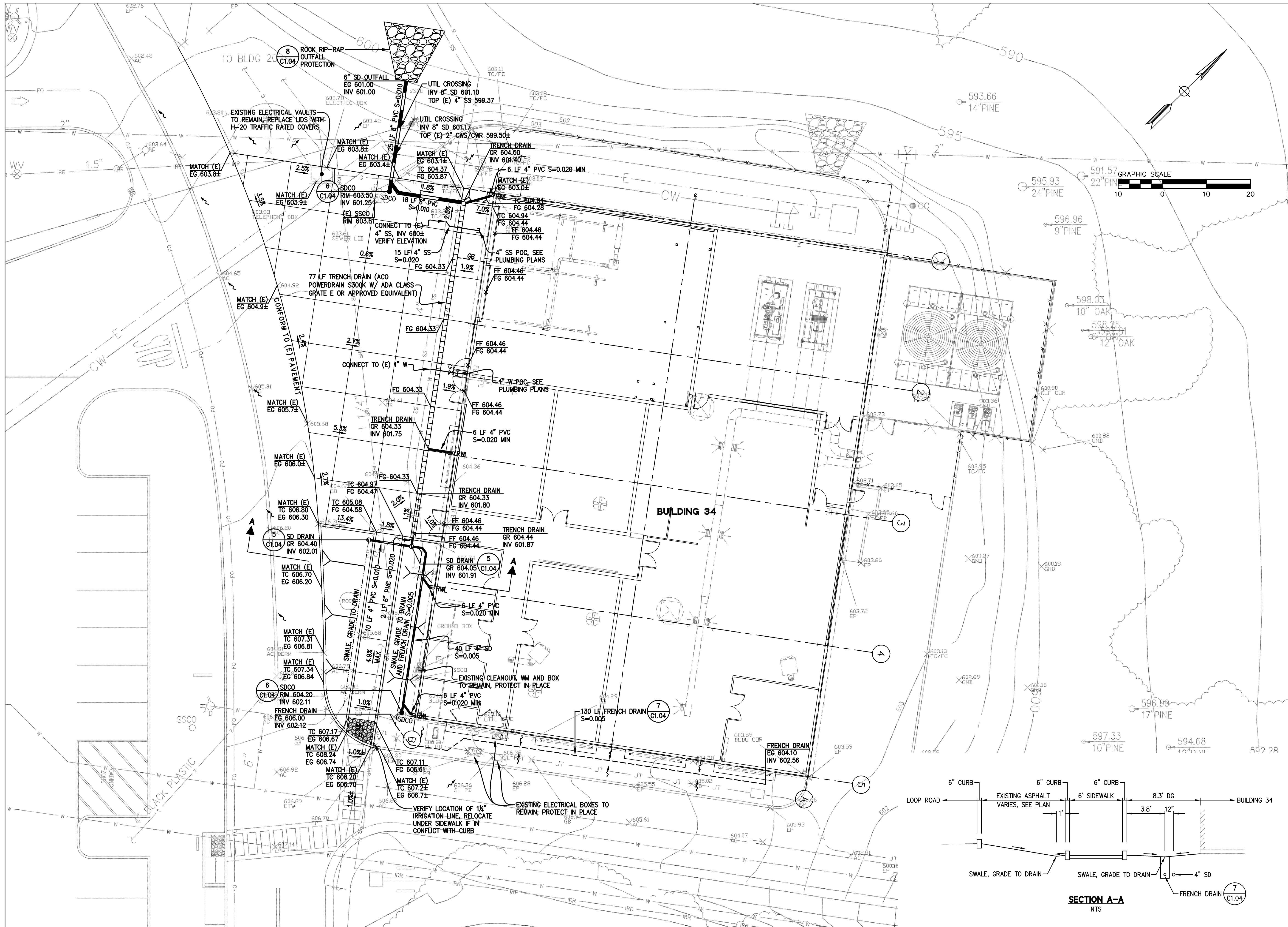
SHEET TITLE
HORIZONTAL CONTROL AND PAVING PLAN

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
 DRAWN MD/JT
 CHECKED RH
 SCALE 1" = 10'
 N&T JOB NO.: 2901.4

SHEET NUMBER
C1.02



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SHEET TITLE
GRADING AND UTILITY PLAN

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
 DRAWN MD/JT
 CHECKED RH
 SCALE 1"=10'
 N&T JOB NO.: 2901.4

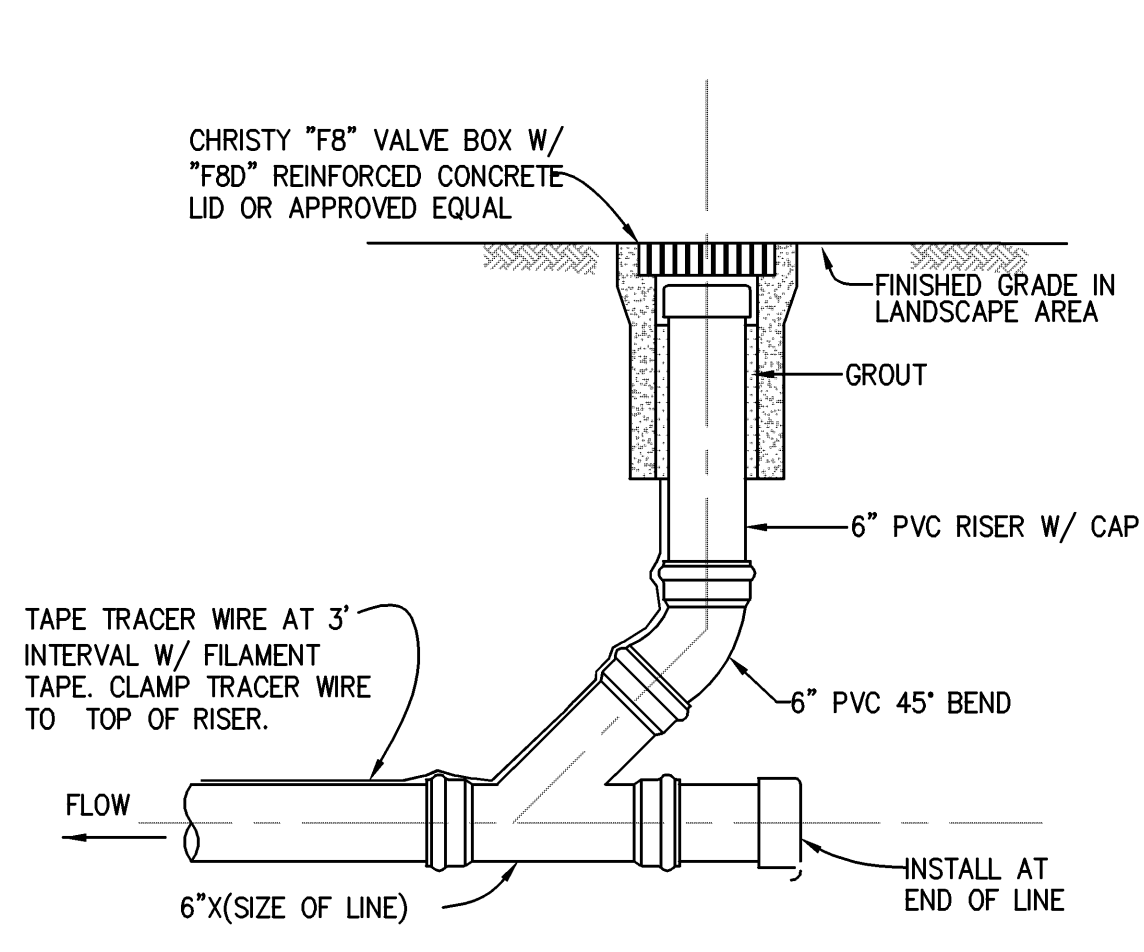
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C1.03

REVISIONS		
NO.	DATE	DESCRIPTION

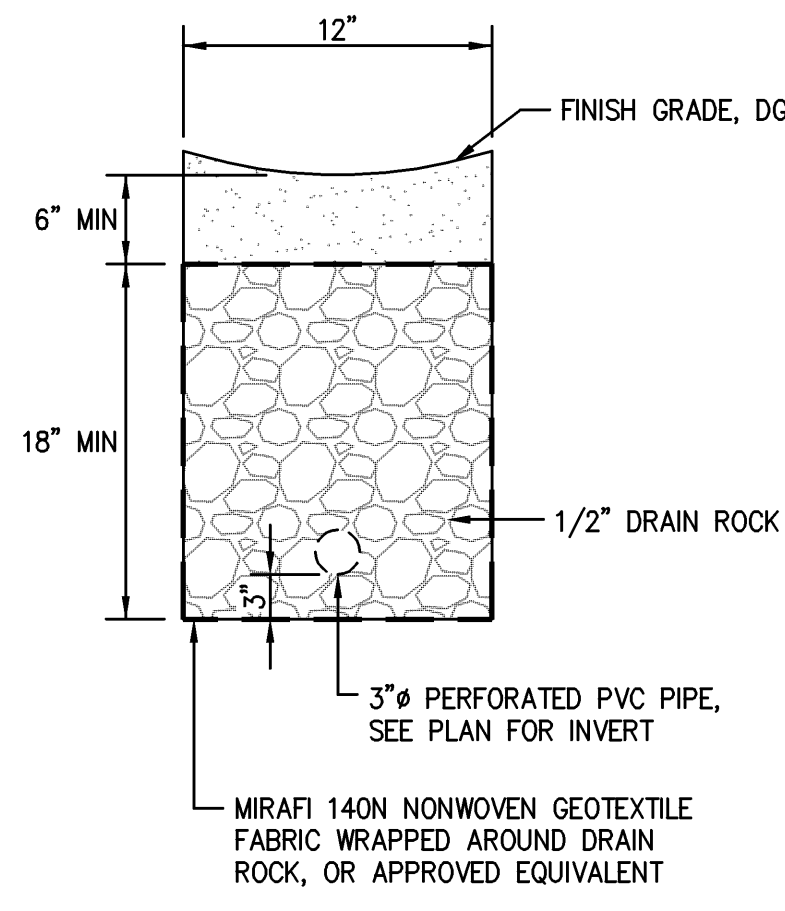
DATE	MARCH 11, 2011
DRAWN	MD/JT
CHECKED	RH
SCALE	AS SHOWN
N&T JOB NO.:	2901.4

SHEET NUMBER

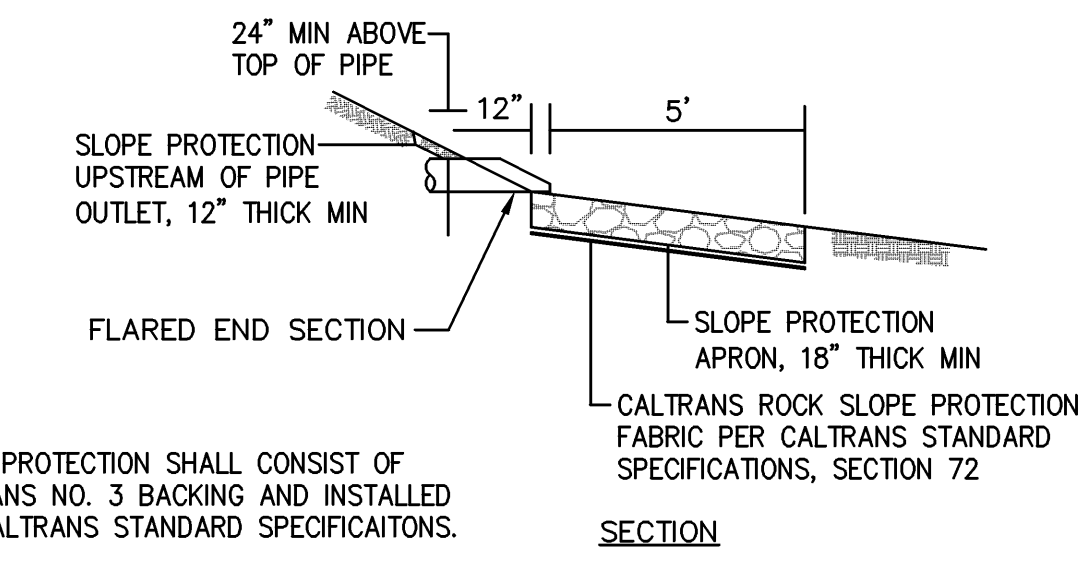
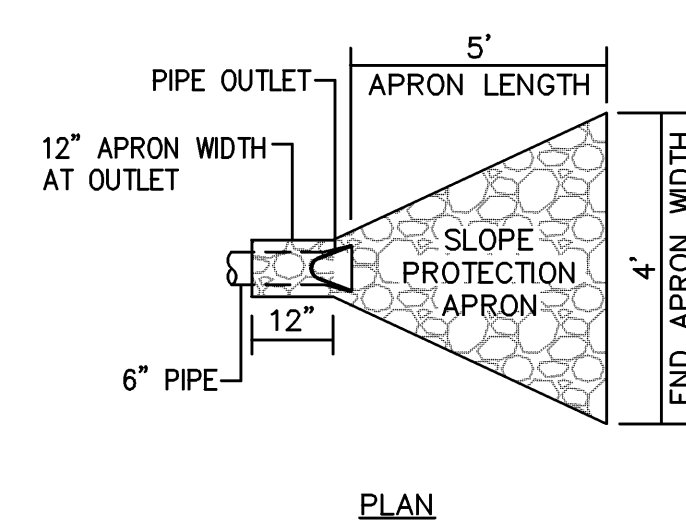
C1.04



6
—
CLEANOUT
NTS

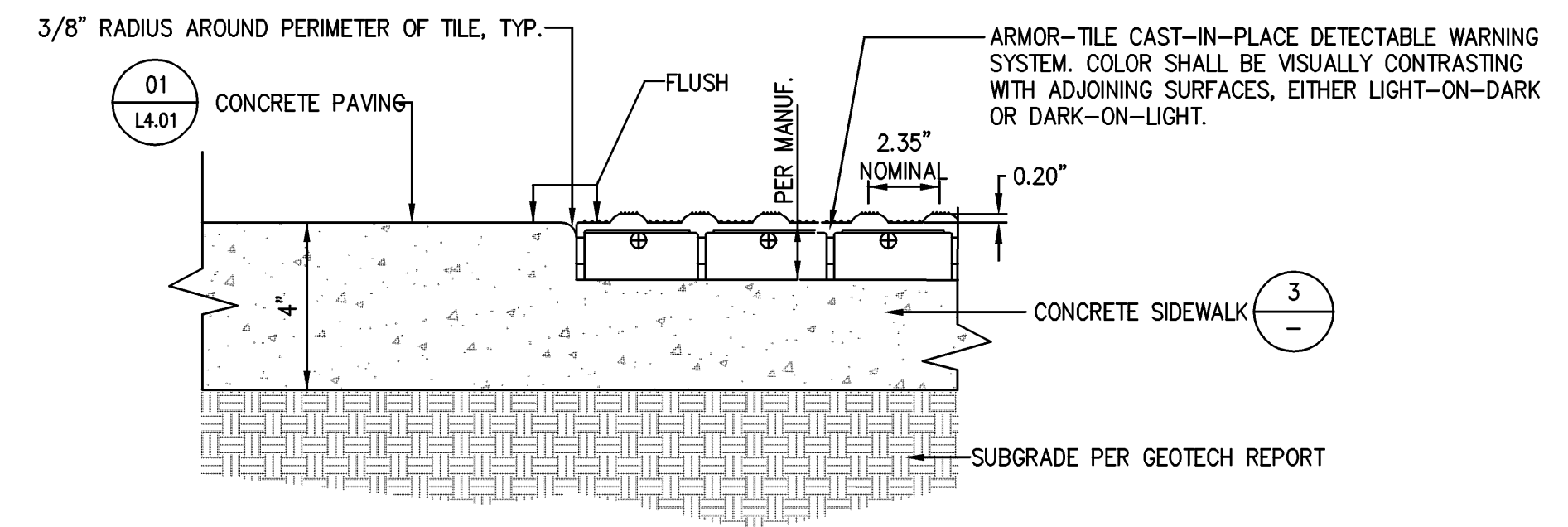


7
—
FRENCH DRAIN
NTS



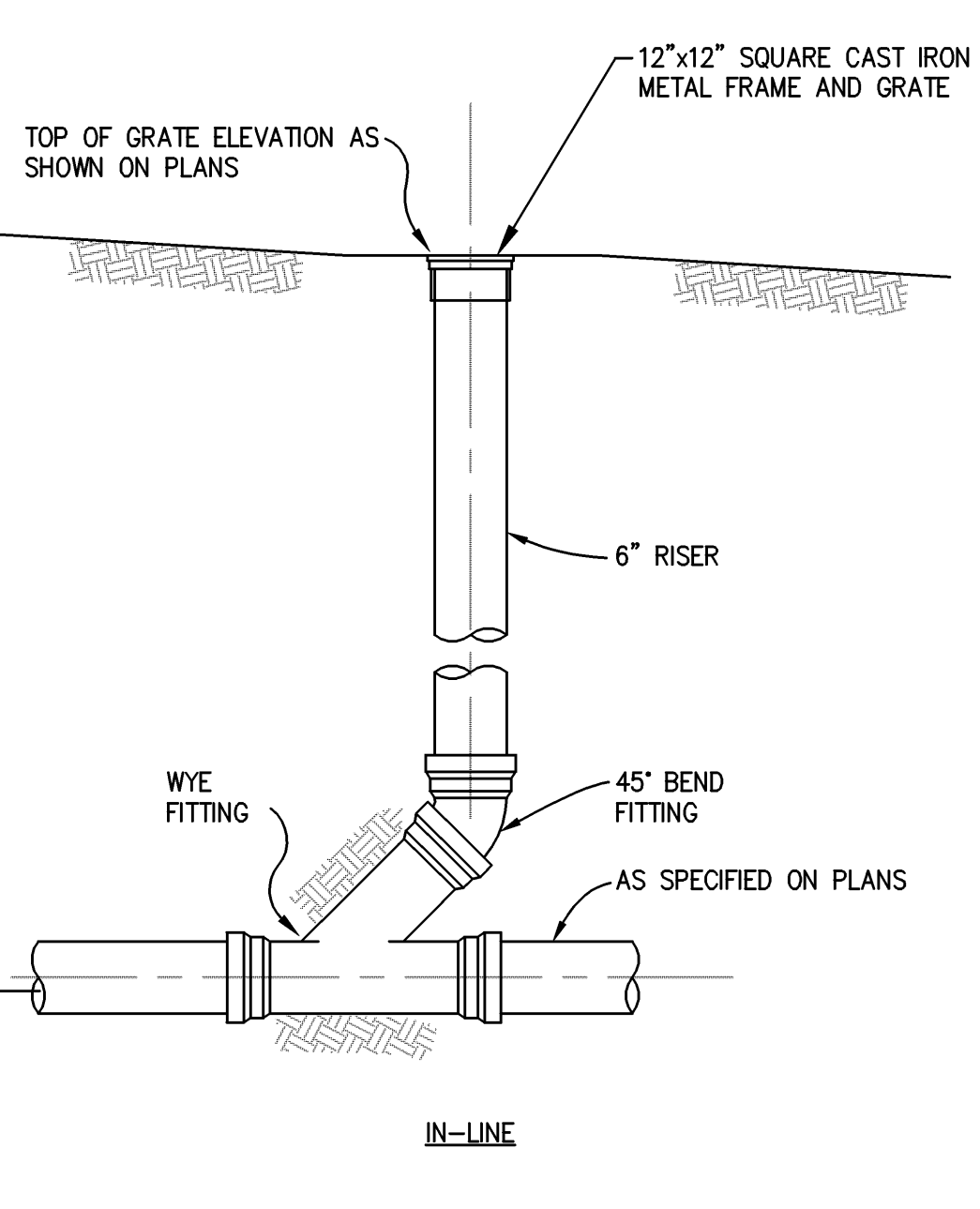
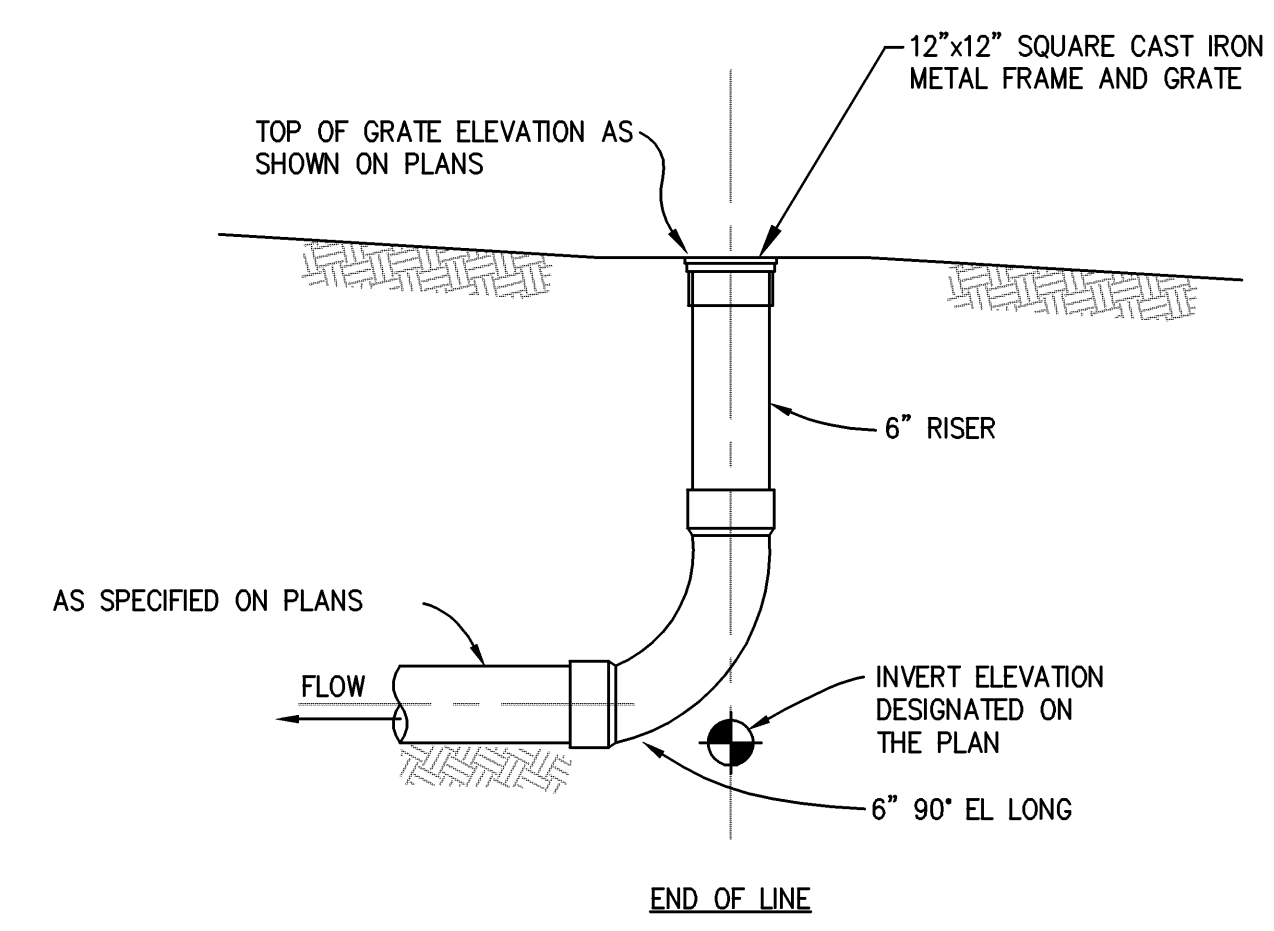
NOTES:
1. SLOPE PROTECTION SHALL CONSIST OF CALTRANS NO. 3 BACKING AND INSTALLED PRE CALTRANS STANDARD SPECIFICATIONS.

8
—
ROCK RIP-RAP
NTS

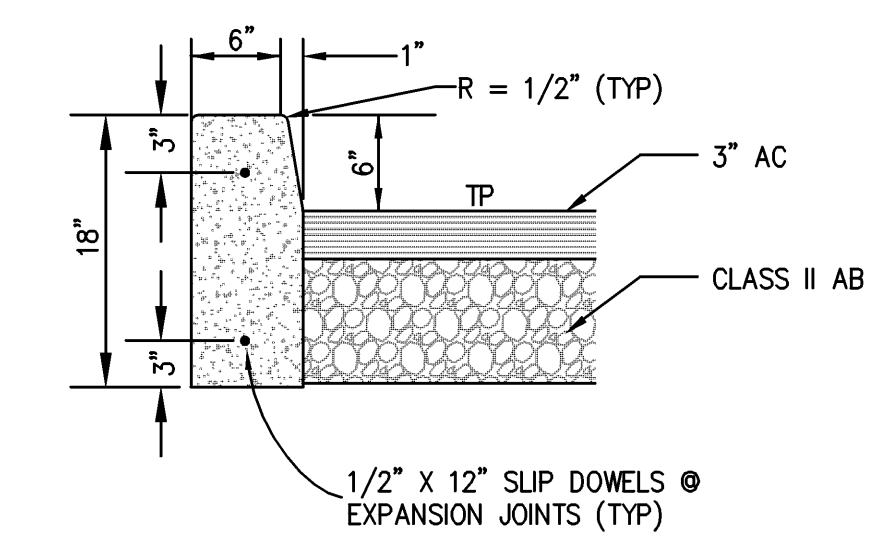


NOTES:
1. FINISH SURFACE OF CAST-IN-PLACE TILE SHALL BE FLUSH WITHIN 1/8" TOLERANCE TO ADJACENT TILE PANELS OR CONCRETE PAVING. BOLT ADJACENT TILE PANELS TOGETHER AS NECESSARY PRIOR TO INSTALLATION TO ENSURE FLUSH CONDITION.
2. REFER TO ARMOR-TILE MANUFACTURER'S DETAILS AND INSTALLATION INSTRUCTIONS FOR MORE INFORMATION.
3. THE COLOR OF THE DETECTABLE WARNING SURFACE IN ALL AREAS IS "ARMOR-TILE CAST IN PLACE DETECTABLE WARNING SYSTEM," COLOR DARK GRAY, FEDERAL COLOR NO. 36118.

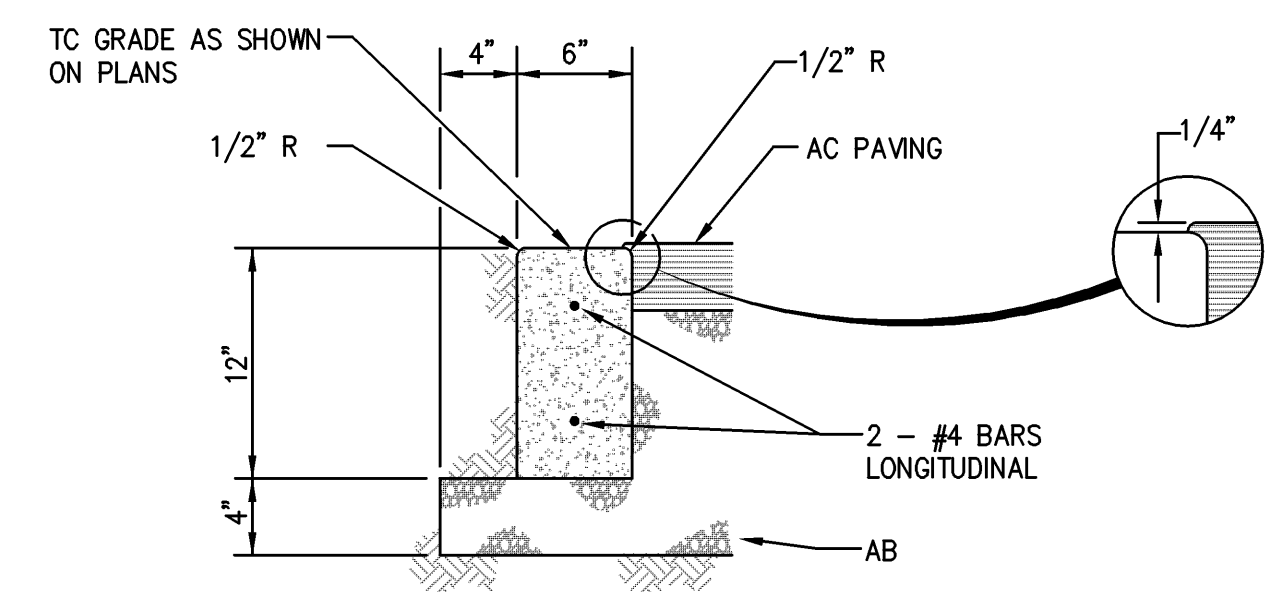
4
—
DETECTABLE WARNING SURFACE
NTS



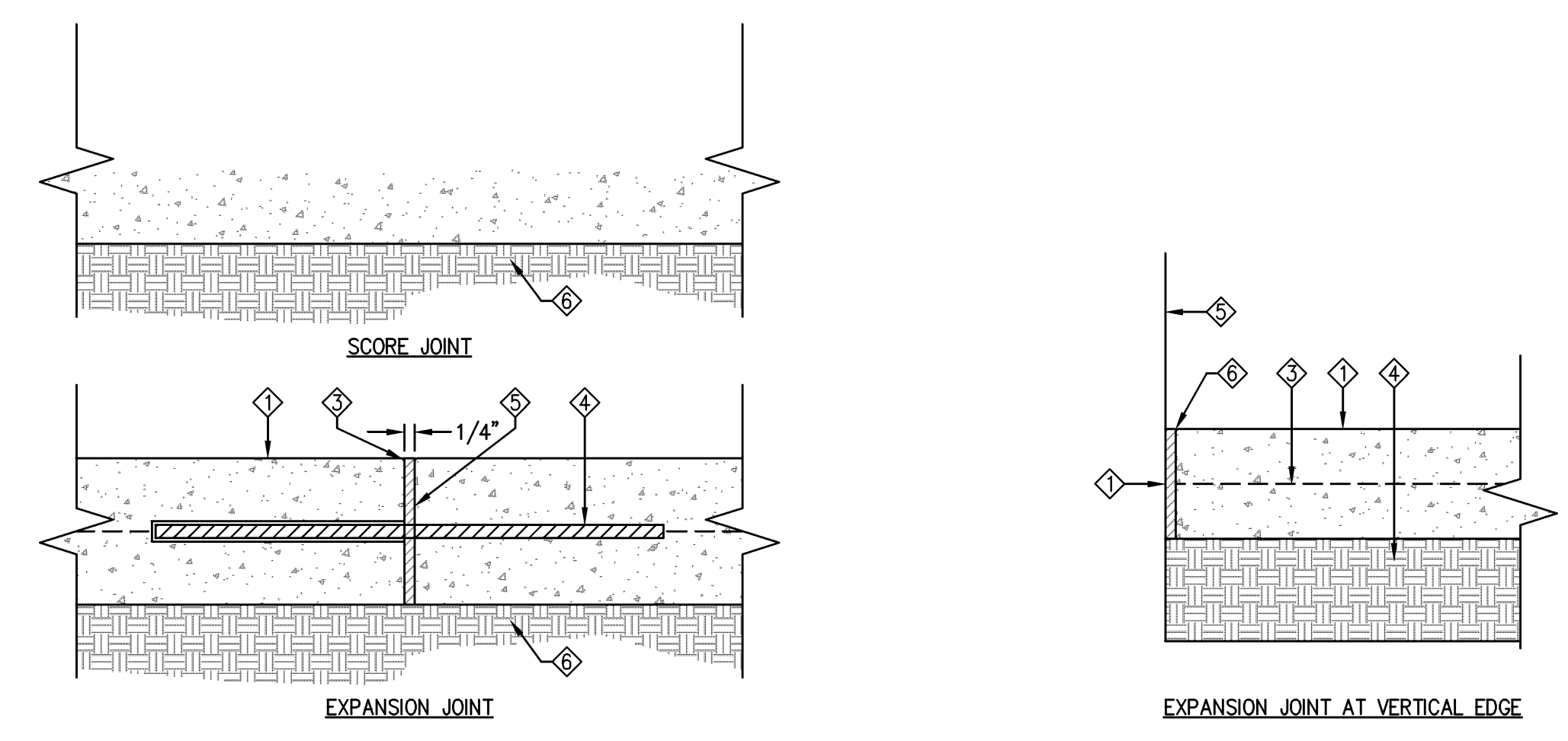
5
—
AREA DRAIN
NTS



1
—
CONCRETE CURB
NTS



2
—
FLUSH CURB
NTS



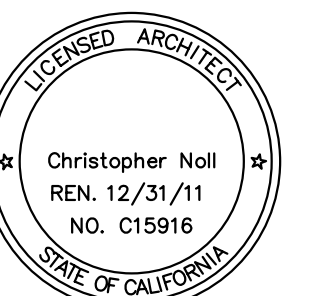
- ① CONCRETE SIDEWALK/PAVING.
- ② 1/4" WIDE TOOLED JOINT. TOOLED JOINT TO BE 1/4 DEPTH OF SLAB MIN. TYP.
- ③ 1/8" RADIUS, TYPICAL ALL EDGES
- ④ 1/2" x 18" SMOOTH DOWEL WITH PAPER SLEEVES AND CORK AT ONE END @ 24" O.C. FOR PEDESTRIAN.
- ⑤ 1/4" EXPANSION MATERIAL TO BE FLUSH WITH FINISH SURFACE, TYP.
- ⑥ BASE MATERIAL AND COMPACTED SUBGRADE PER GEOTECHNICAL REPORT.

NOTES:
1. BREAK STEEL AT EXPANSION JOINT.
2. LOCATE COLD JOINTS ONLY AT EXPANSION JOINT OR SCORE JOINT LOCATIONS AS INDICATED ON LAYOUT PLAN. LOCATE COLD JOINTS AT EXPANSION JOINTS WHERE POSSIBLE. IF COLD JOINTS ARE LOCATED AT SCORE JOINT LOCATIONS AS SHOWN ON LAYOUT PLAN, REBAR CAN BE EXTENDED THROUGH THE JOINT AND STEEL DOWELS CAN BE ELIMINATED.

3
—
SCORE AND EXPANSION JOINTS
NTS

- ① CONCRETE WALK.
- ② 1/4" EXPANSION MATERIAL TO BE FLUSH WITH FINISH SURFACE, TYP.
- ③ STEEL REINFORCEMENT PER CONCRETE WALK.
- ④ BASE MATERIAL AND COMPACTED SUBGRADE PER GEOTECHNICAL REPORT.
- ⑤ VERTICAL SURFACE.
- ⑥ 1/8" EASED EDGE, TYPICAL ALL EDGES.

NOTES:
1. PROVIDE EXPANSION JOINT @ ALL VERT. SURFACES.



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SHEET TITLE
**BUILDING 34-
DEMOLITION
FLOOR PLAN**

REVISIONS		
NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	JC
SCALE	1/8" = 1'-0"
N&T JOB NO.:	2901.4

SHEET NUMBER

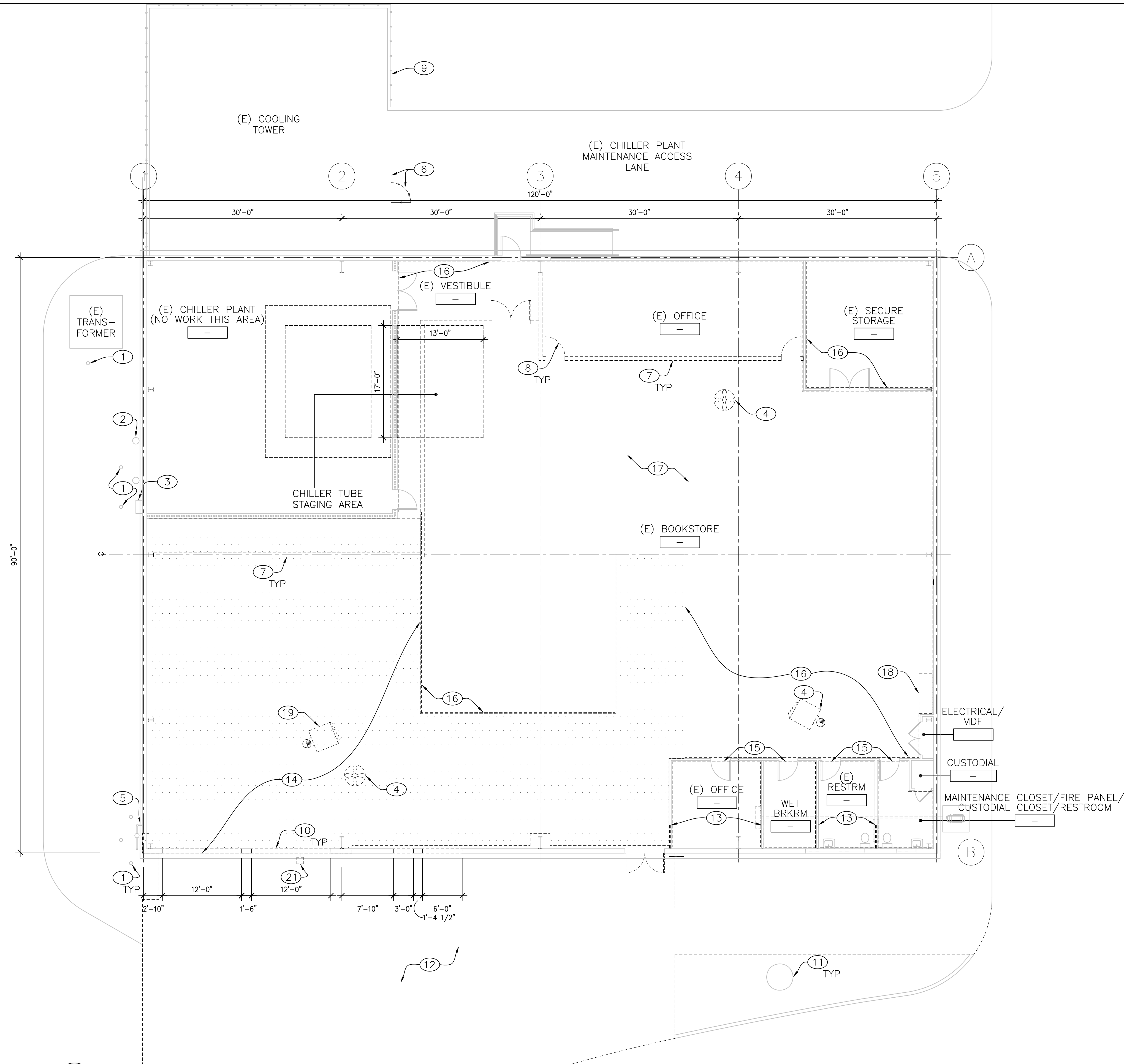
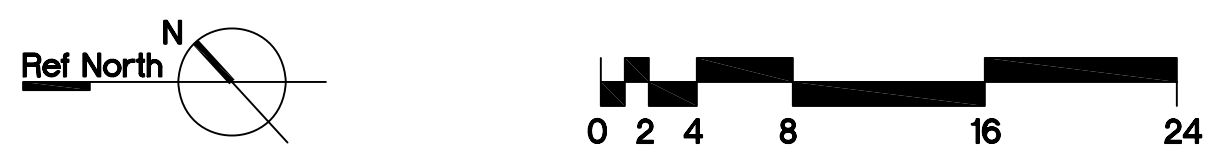
A1.10

KEY NOTES

- ① (E) 6" BOLLARD
- ② (E) CHILLER PIPE, TYP
- ③ (E) EXHAUST
- ④ REMOVE (E) MECHANICAL EQUIPMENT AND REINSTALL, SMD
- ⑤ (E) GAS REGULATOR
- ⑥ DEMO (E) CHAIN LINK FENCE AND GATE
- ⑦ DEMO (E) 2x AND PLYWOOD CONSTRUCTION
- ⑧ DEMO (E) DOORS
- ⑨ (E) CHAIN LINK FENCE TO REMAIN
- ⑩ DEMO (E) WALL AND PREP OPENINGS TO RECEIVE DOORS
- ⑪ PROTECT (E) ROCK IN PLACE, SCD
- ⑫ DEMO (E) ASPHALT PAVING, SCD
- ⑬ DEMO (E) WALL ABOVE AS REQUIRED TO INSTALL STRUCTURAL MEMBERS, SSD
- ⑭ DEMO (E) CONC FLOOR SLAB, SSD
- ⑮ REMOVE AND REPAIR OR REPLACE (E) CEILING GRID, TILES AND LIGHT FIXTURES AS REQUIRED TO INSTALL COLLECTOR BEAMS, SSD
- ⑯ PROTECT (E) CARPET IN PLACE DURING DEMO AND CONSTRUCTION IN INDICATED AREAS ONLY: ITS R&D LAB, MEDIA SERVICES, INFORMATION TECHNOLOGY, (E) SECURE STORAGE, AND VESTIBULE. CUT CARPET AS REQUIRED TO INSTALL NEW PARTITIONS AND TRIM BACK TO PARTITIONS
- ⑰ (E) MECHANICAL EQUIPMENT NOT NOTED TO BE DEMO'D SHALL BE PROTECTED IN PLACE
- ⑱ REMOVE (E) CASEWORK AND STORE FOR REUSE. REPAIR FINISHES BEHIND TO MATCH ADJACENT FINISHES
- ⑲ DEMO (E) MECHANICAL EQUIPMENT, SMD
- ⑳ NOT USED
- ㉑ DEMO (E) LIGHT FIXTURE

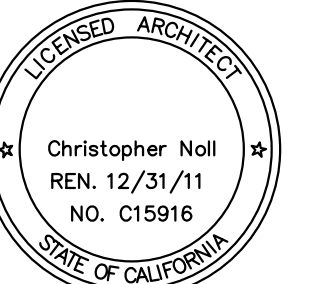
LEGEND

- EXISTING STUD WALL
- EXISTING 1-HR RATED STUD WALL
- DEMO EXISTING STUD WALL
- EXISTING DOOR AND FRAME
- DEMO EXISTING DOOR AND FRAME
- DEMO EXISTING DOOR AND WALL
- DEMO (E) CARPET AND CONCRETE FLOOR SLAB, SSD



1 DEMOLITION FLOOR PLAN - BUILDING 34

1/8"=1'-0"



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BUILDING 34 MODERNIZATION

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SHEET TITLE

BUILDING 34- FLOOR PLAN AND MEZZANINE PLAN

REVISIONS

NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	JC
SCALE	1/8" = 1'-0"
N&T JOB NO.:	2901.4

SHEET NUMBER

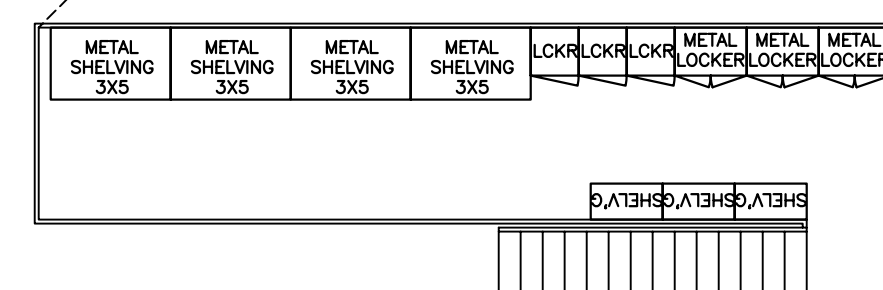
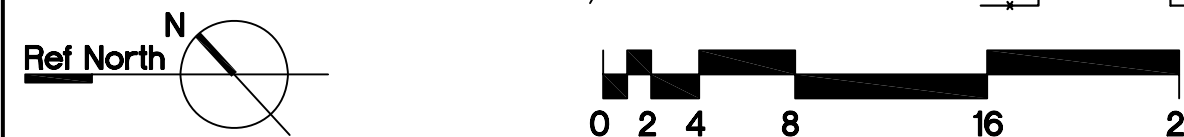
A2.10

KEY NOTES

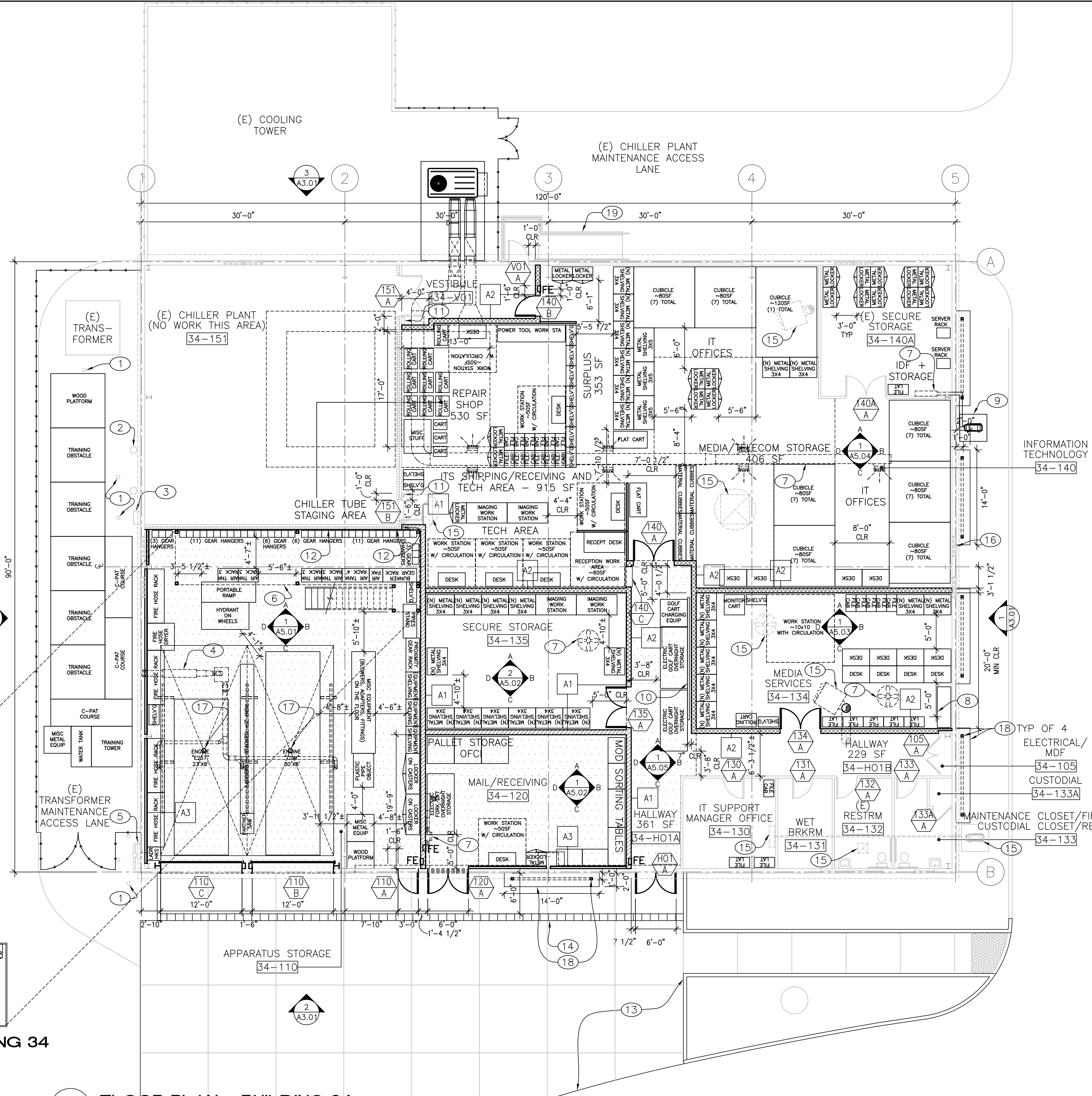
- 1 (E) 6" BOLLARD, TYP
- 2 (E) CHILLER PIPE, TYP
- 3 (E) EXHAUST
- 4 VEHICLE EXHAUST SYSTEM, EXHAUST THROUGH (E) LOUVER
- 5 (E) GAS REGULATOR
- 6 LINE OF MEZZANINE ABOVE
- 7 MECHANICAL EQUIPMENT ABOVE, SMD
- 8 REINSTALL (E) CASEWORK
- 9 MECHANICAL EQUIPMENT ON CONC PAD, SSD AND SMD
- 10 4x4 WD WHEEL STOP
- 11 (E) CHILLER PLANT SHUT-OFF SWITCH, DO NOT OBSTRUCT
- 12 FIRE SEAL (E) HOLES IN (E) 1-HR WALL
- 13 REINFORCED CONCRETE DRIVE, SC
- 14 TRAFFIC RATED TRENCH DRAIN, SC
- 15 (E) MECHANICAL EQUIPMENT, SMD
- 16 (E) MECHANICAL LOUVER ABOVE, TYP
- 17 FLOOR DRAIN, SPD. SLOPE FLOOR TO DRAIN 2% MAX
- 18 HSS TRELLIS AND PLANTER, SEE A3.01
- 19 (E) NON-ACCESSIBLE RAMP

LEGEND

- EXISTING STUD WALL
- EXISTING 1-HR RATED STUD WALL
- NEW FULL HT STUD WALL, FINISH STOPS AT 8'-0" AT BLOCK'G
- NEW FULL-HEIGHT STUD WALL
- NEW FURRED STUD WALL W/ 5/8" ACX PLYWD TO 12'-0" AFF
- EXISTING DOOR AND FRAME
- NEW DOOR AND FRAME
- FURNITURE PARTITION, OFOI
- FIRE EXTINGUISHER IN CABINET, SEE DETAIL 7/A8.02
- NEW CONCRETE FLOOR SLAB, SSD. SEE SPECIFICATIONS FOR VAPOR RETARDER INSTALLATION
- CHAIN LINK FENCE AND GATE SEE DETAIL 5/A8.02

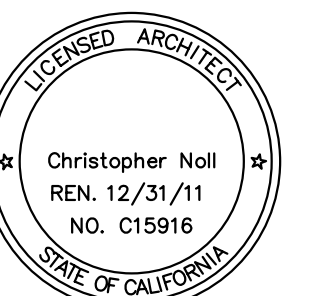


MEZZANINE PLAN - BUILDING 34



1 FLOOR PLAN - BUILDING 34

1/8" = 1'-0"



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BUILDING 34
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SHEET TITLE
**BUILDING 34-
REFLECTED CEILING
PLAN**

REVISIONS

NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	JC
SCALE	1/8" = 1'-0"
N&T JOB NO.:	2901.4

SHEET NUMBER

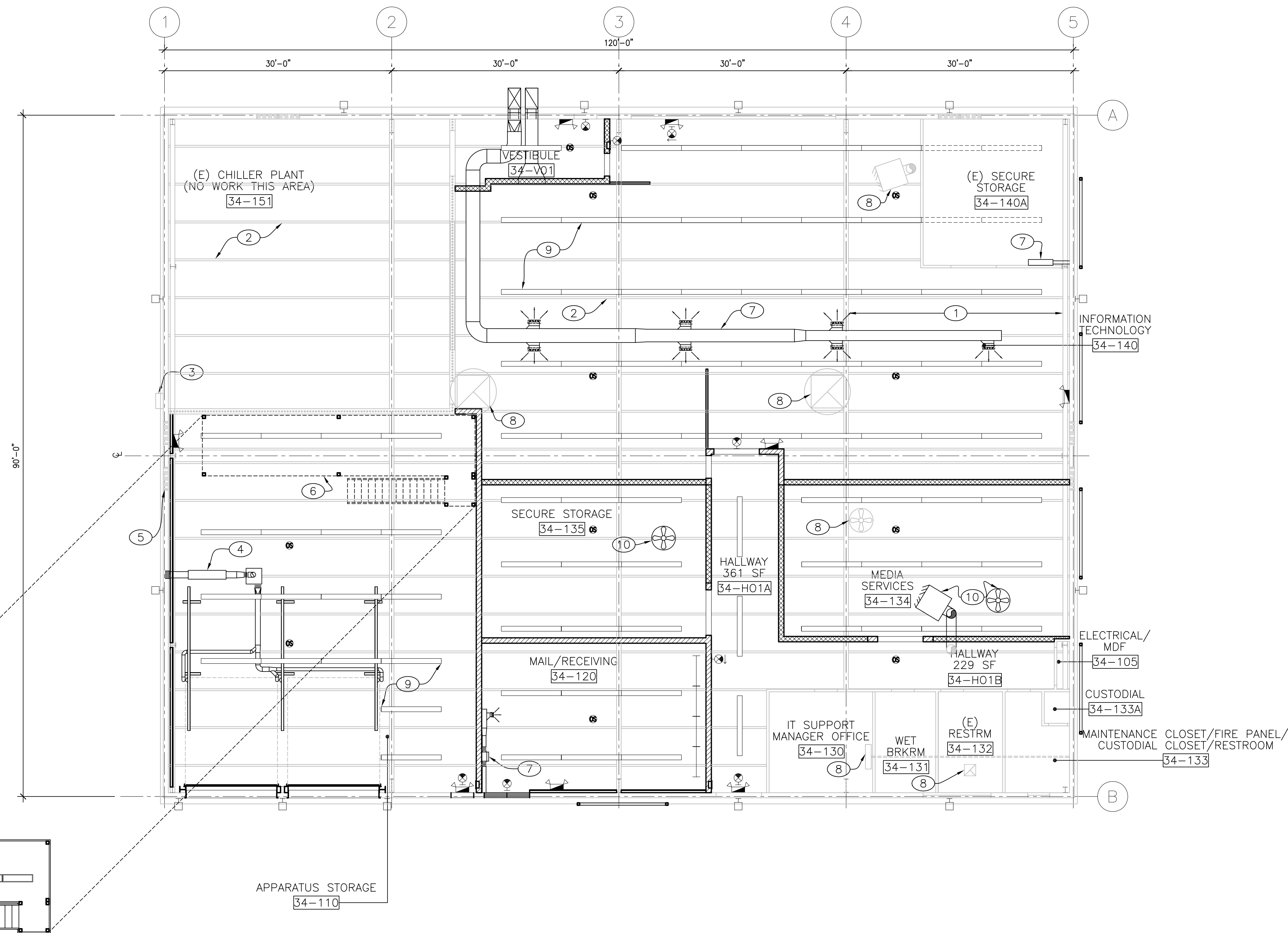
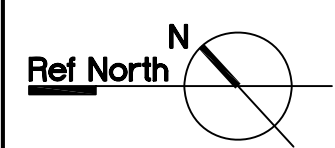
A2.11

KEY NOTES

- ① (E) STRUCTURAL BENT TYP
- ② (E) PURLIN TYP
- ③ (E) EXHAUST
- ④ VEHICLE EXHAUST SYSTEM, EXHAUST THROUGH WALL ABOVE
- ⑤ (E) MECHANICAL LOUVER ABOVE, TYP
- ⑥ LINE OF MEZZANINE ABOVE, MEZZANINE NOT SHOWN FOR CLARITY
- ⑦ MECHANICAL EQUIPMENT ABOVE, SMD
- ⑧ (E) MECHANICAL EQUIPMENT ABOVE, SMD
- ⑨ (E) LIGHT FIXTURES TYP, SED FOR DEMO AND RELOCATION
- ⑩ RELOCATED (E) MECHANICAL EQUIPMENT ABOVE, SMD

LEGEND

- EXISTING STUD WALL
- EXISTING 1-HR RATED STUD WALL
- NEW FULL HT STUD WALL, FINISH STOPS AT 8'-0" AT BLOCK'G
- NEW FULL-HEIGHT STUD WALL
- NEW FURRED STUD WALL W/ 5/8" ACX PLYWD TO 12'-0" AFF
- EXISTING DOOR HEADER AND FRAME
- NEW DOOR HEADER AND FRAME
- FURNITURE PARTITION, OFOI
- FIRE EXTINGUISHER IN CABINET, SEE DETAIL 7/A8.02



MEZZANINE RCP - BUILDING 34

SHEET NOTES

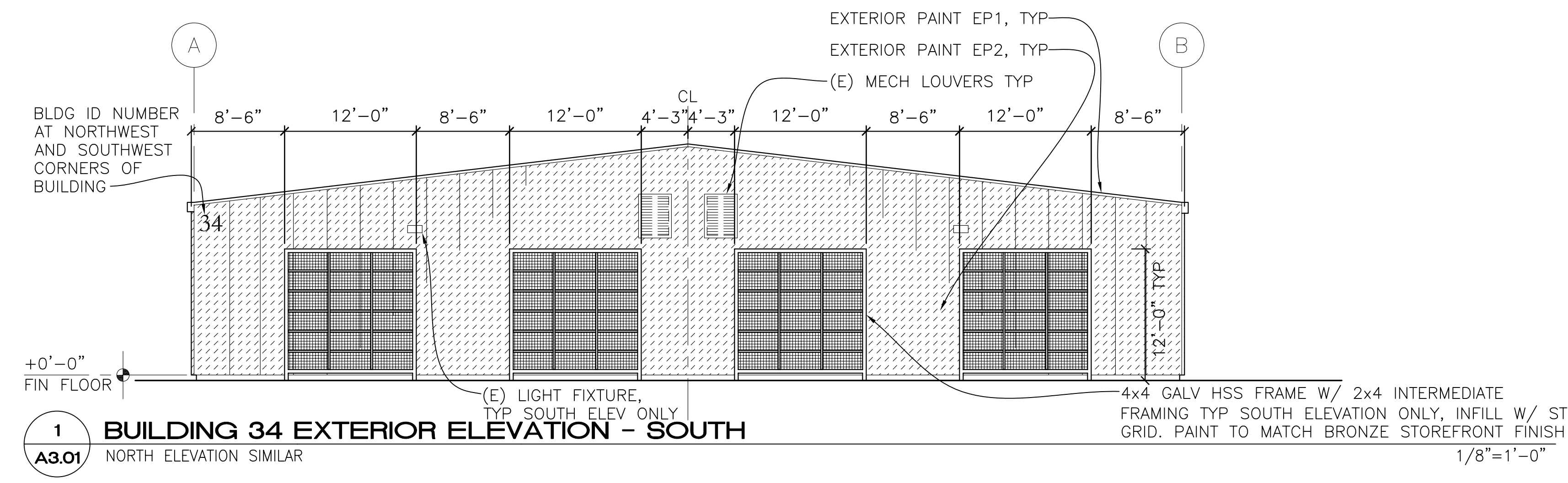
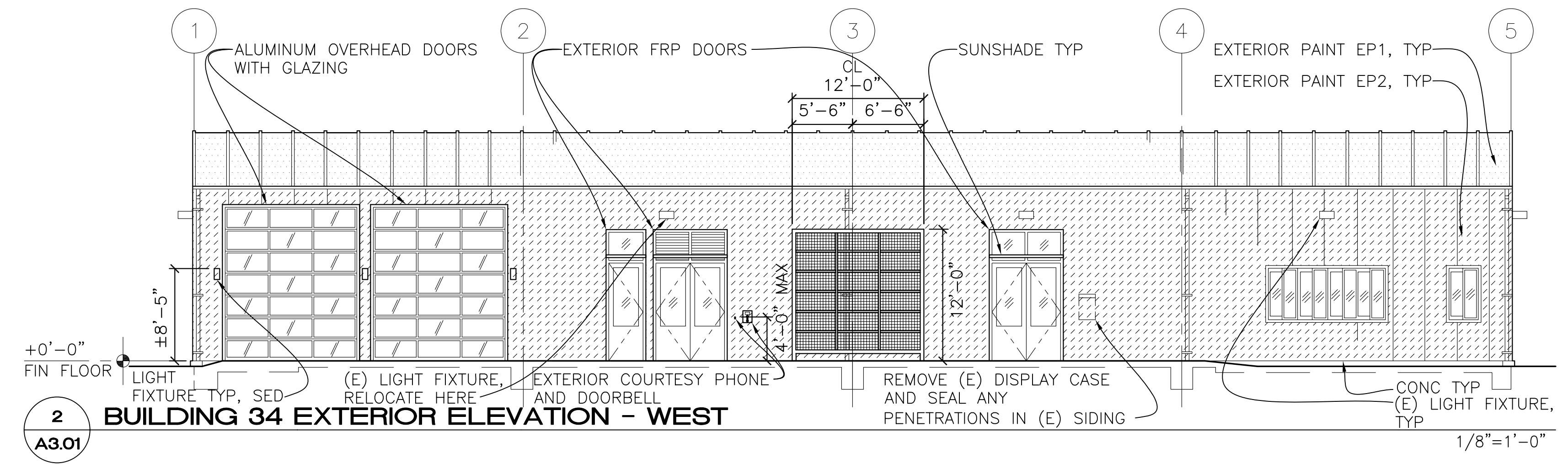
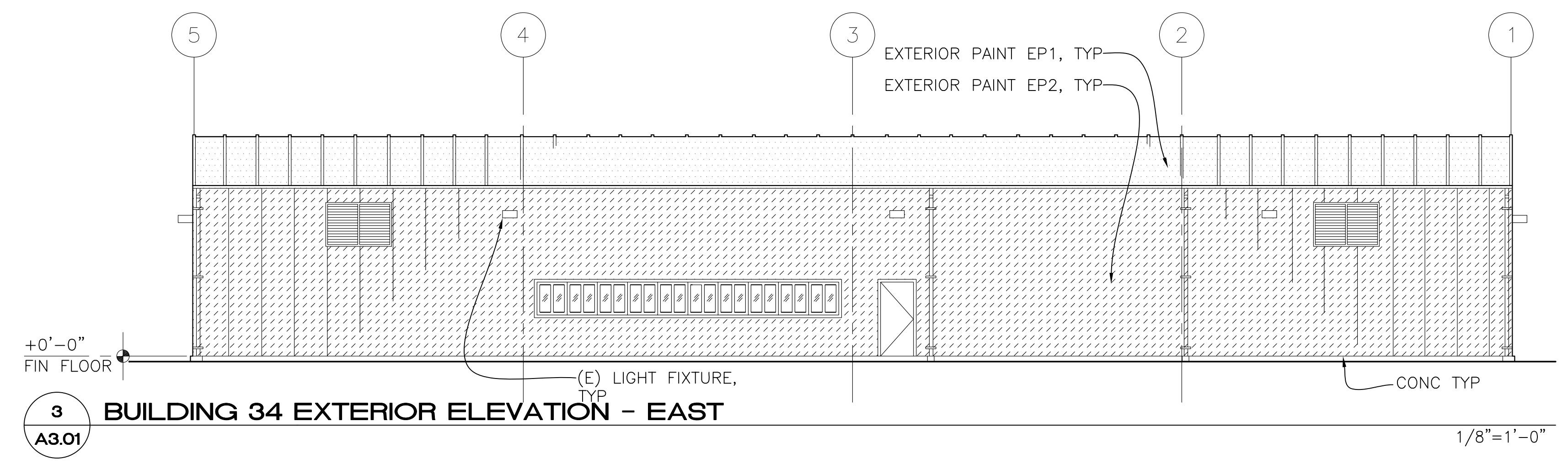
1. REFER TO FINISH SCHEDULE FOR EXTERIOR PAINT

ARCHITECT OF RECORD

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CONSULTANTS



CONSTRUCTION DOCUMENTS

COLLEGE OF SAN MATEO
BUILDING 34
MODERNIZATION

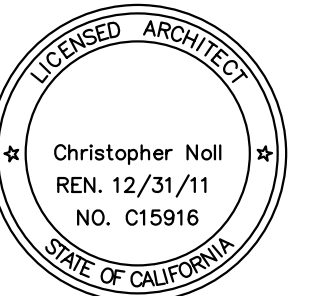
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SHEET TITLE
**BUILDING 34-
EXTERIOR ELEVATIONS**

REVISIONS		
NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN JC
CHECKED MM
SCALE 1/8" = 1'-0"
N&T JOB NO.: 2901.4

SHEET NUMBER
A3.01



**COLLEGE OF
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BUILDING 34
MODERNIZATION

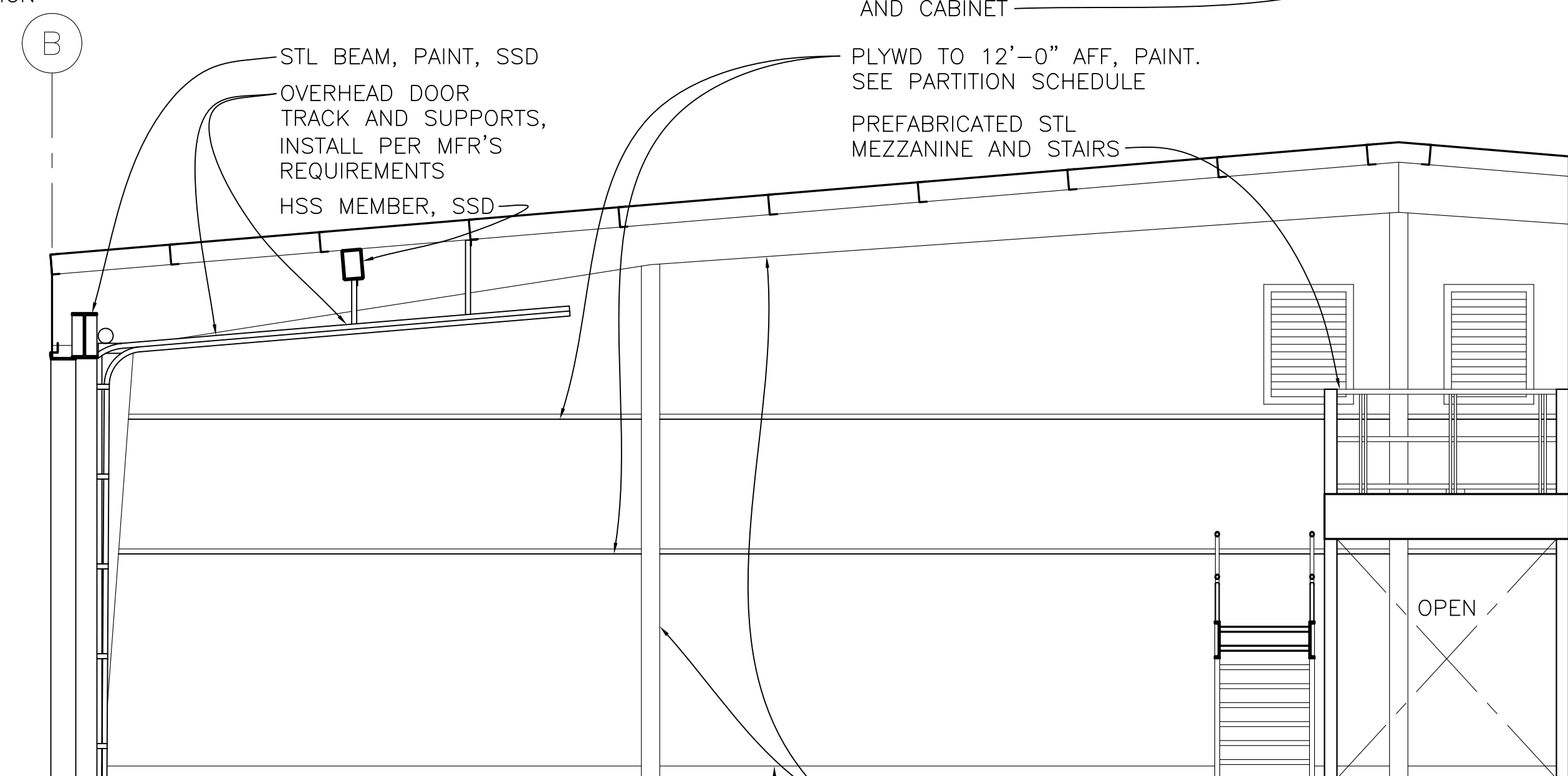
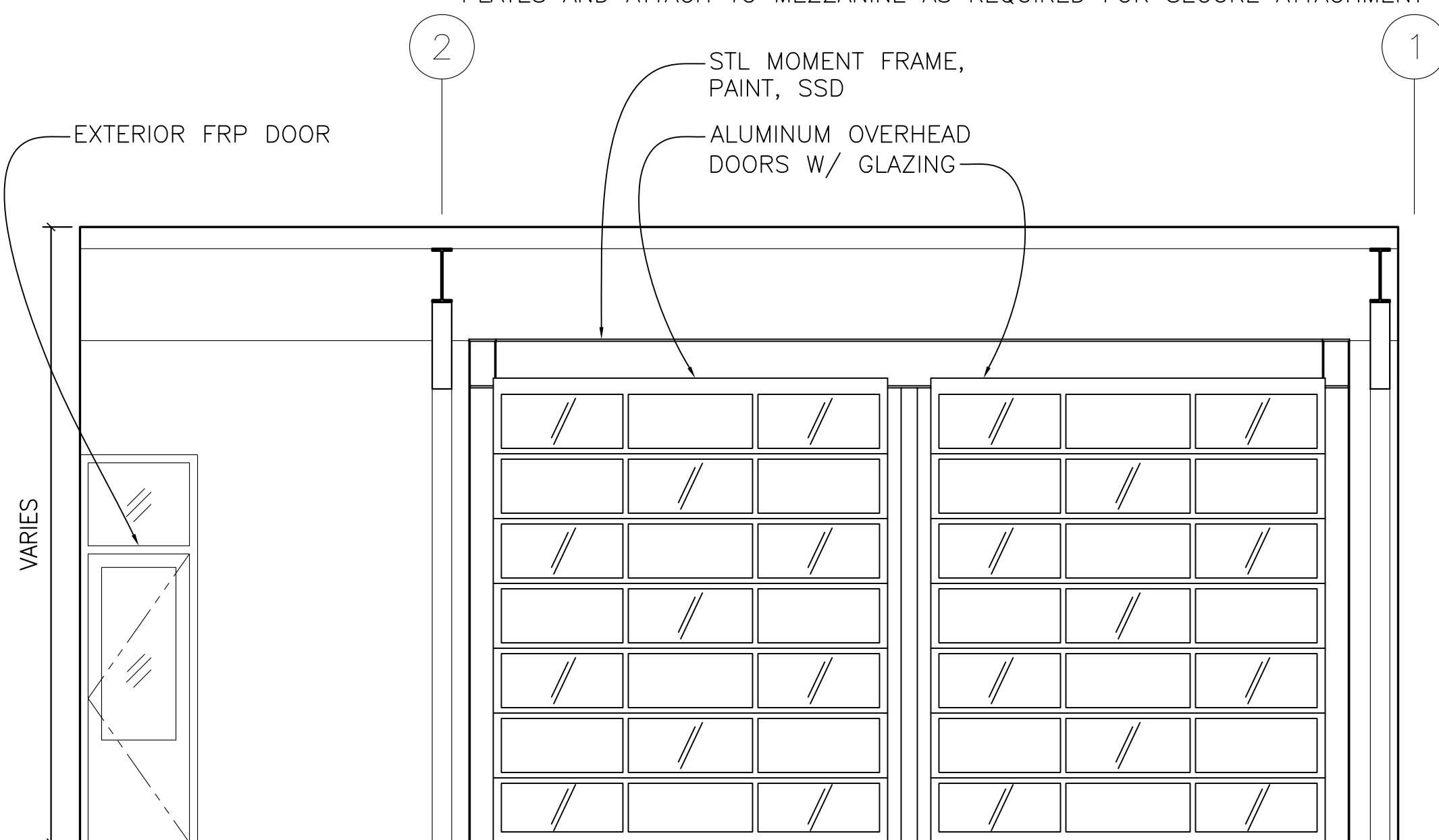
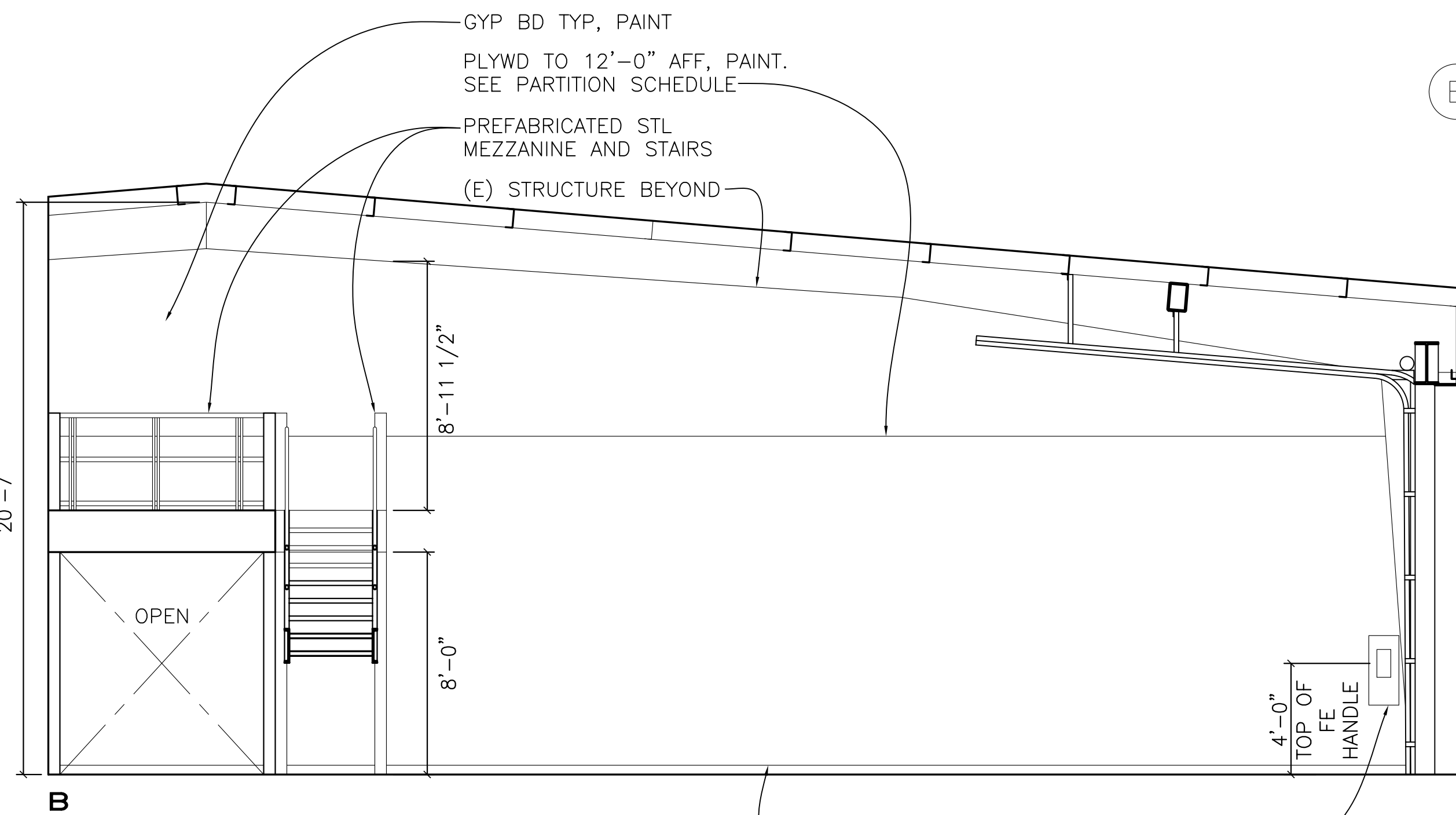
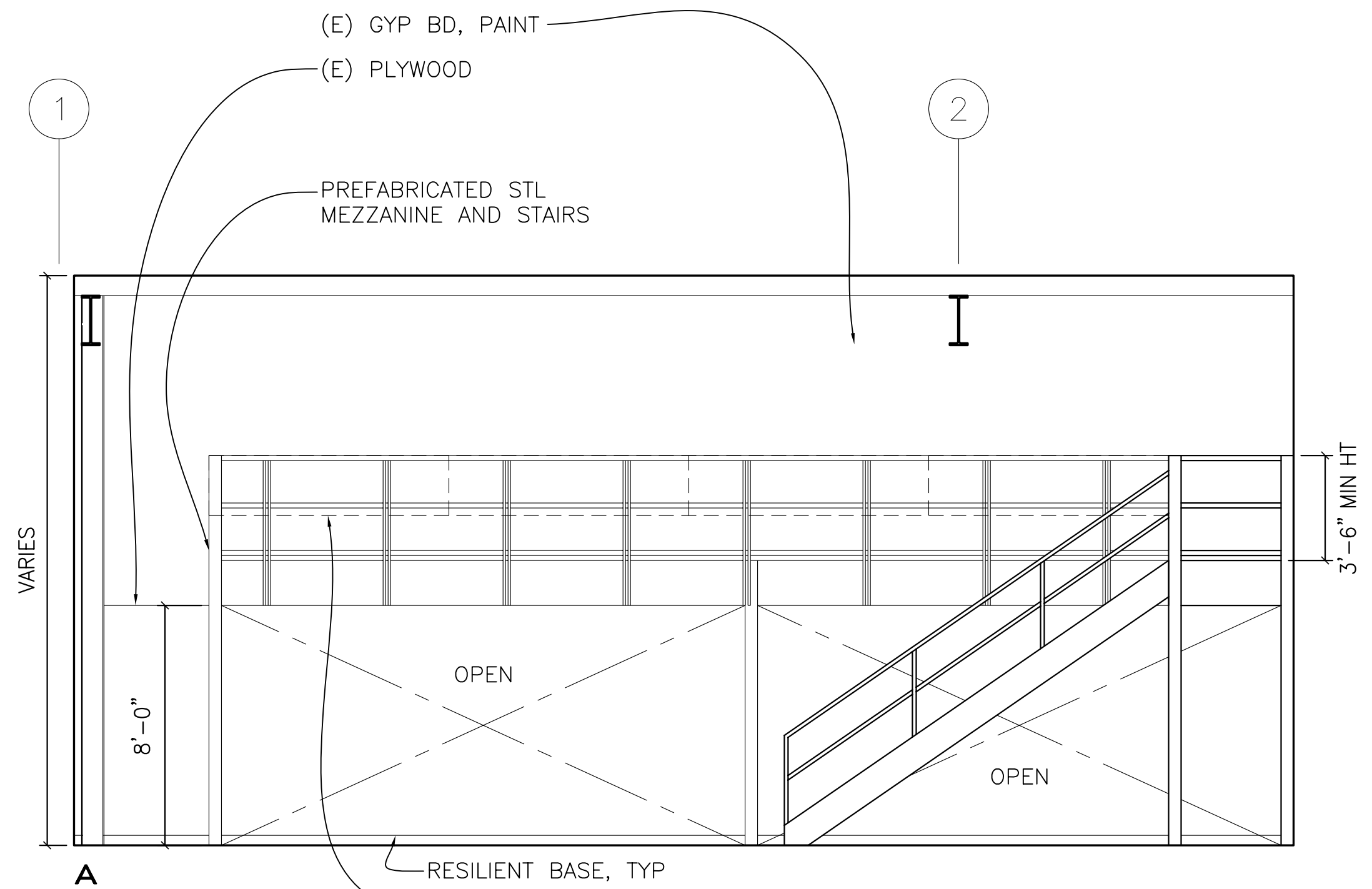
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SHEET TITLE
**BUILDING 34-
APPARATUS STORAGE
INTERIOR ELEVATIONS**

REVISIONS		
NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN JC
CHECKED MM
SCALE 1/4" = 1'-0"
N&T JOB NO.: 2901.4

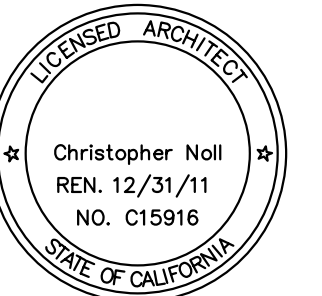
SHEET NUMBER
A5.01



(E) FIRE TECHNOLOGY SIGN, RELOCATE FROM BUILDING 25 AND ATTACH TO MEZZANINE WITH 1/4" CARRIAGE BOLTS EACH CORNER. PROVIDE 1/4" BACKING PLATES AND ATTACH TO MEZZANINE AS REQUIRED FOR SECURE ATTACHMENT OF SIGN

1 INTERIOR ELEVATIONS - APPARATUS STORAGE 34-110
A5.01

1/4"=1'-0"



COLLEGE OF SAN MATEO

**BUILDING 34
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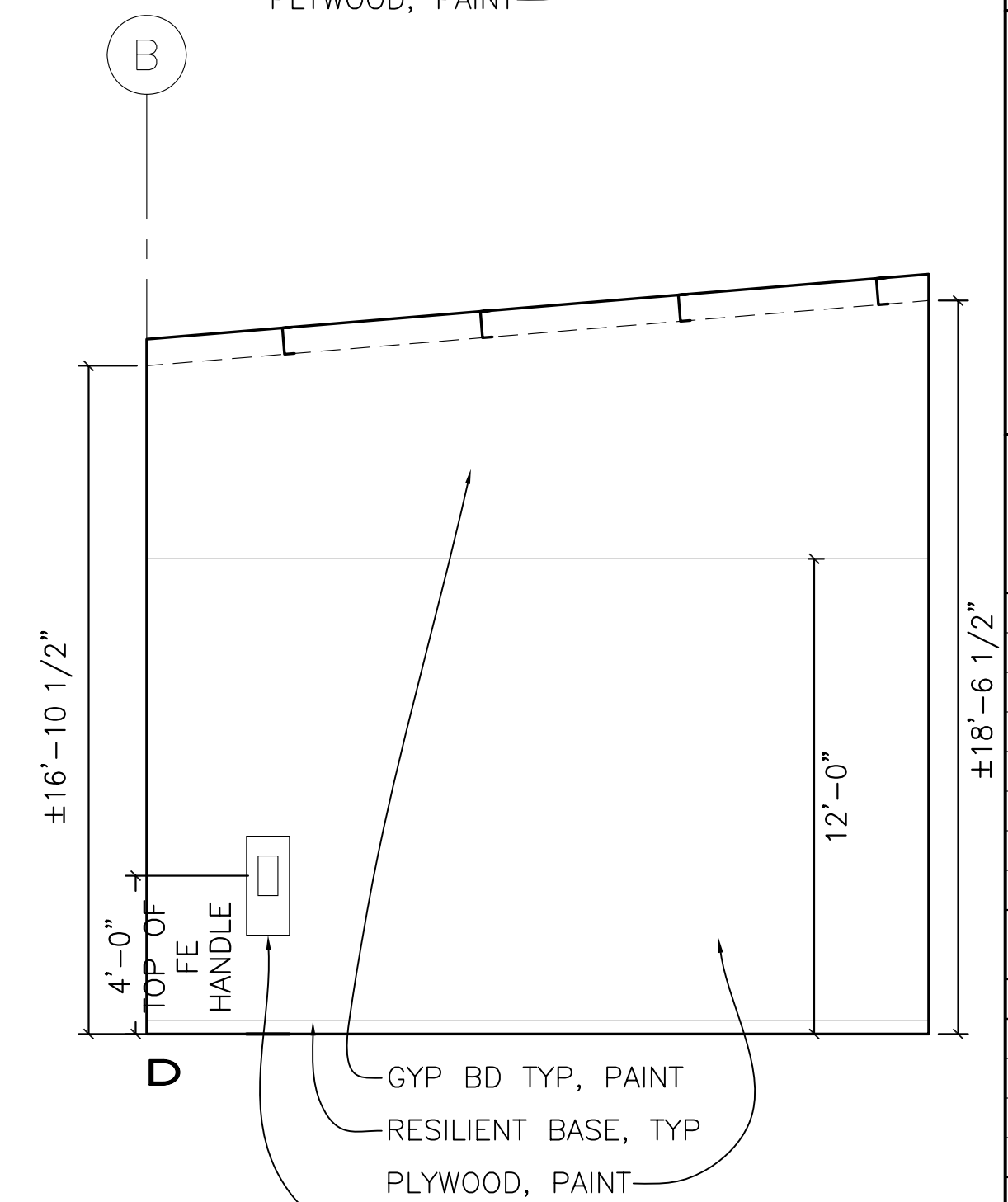
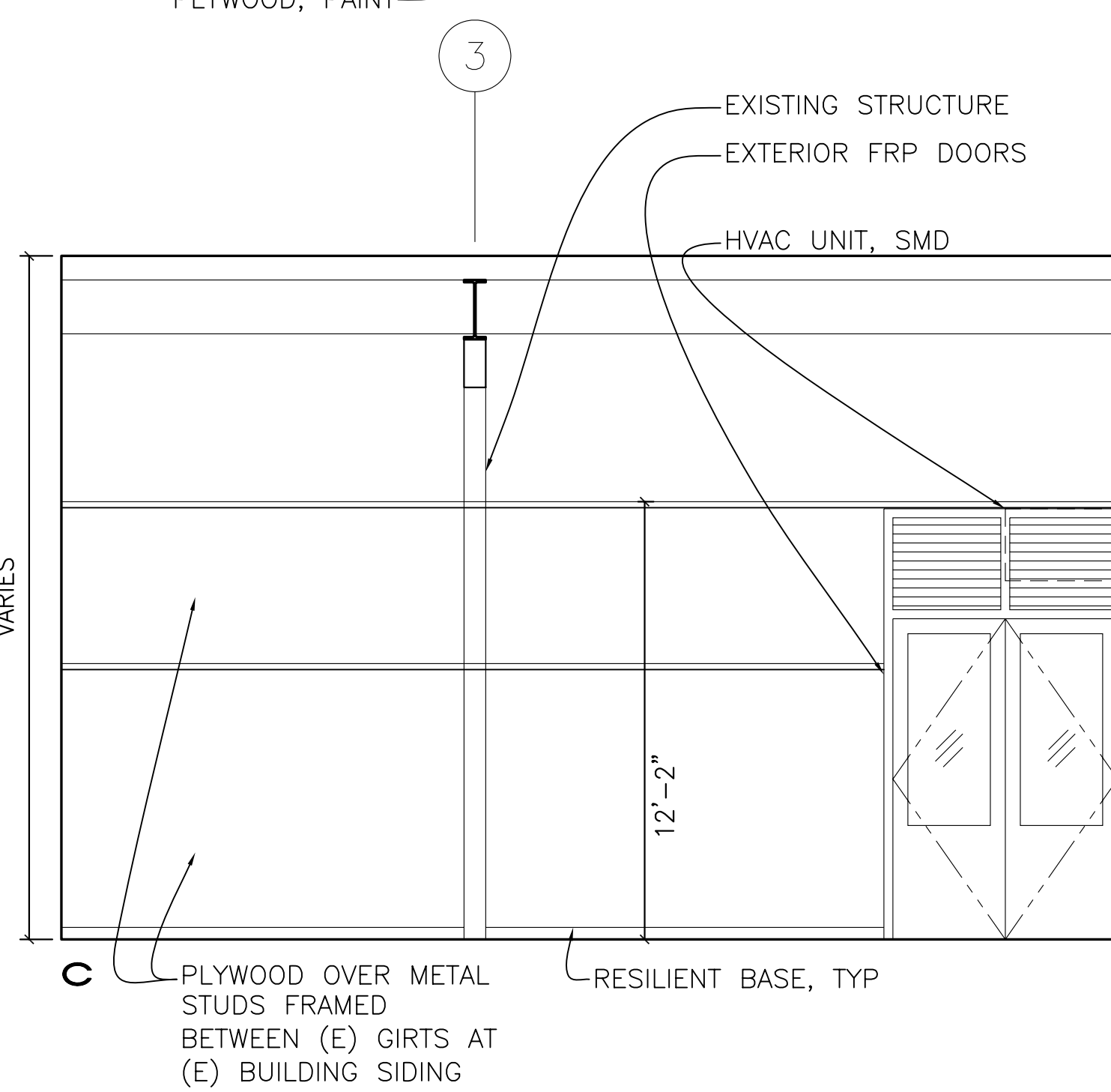
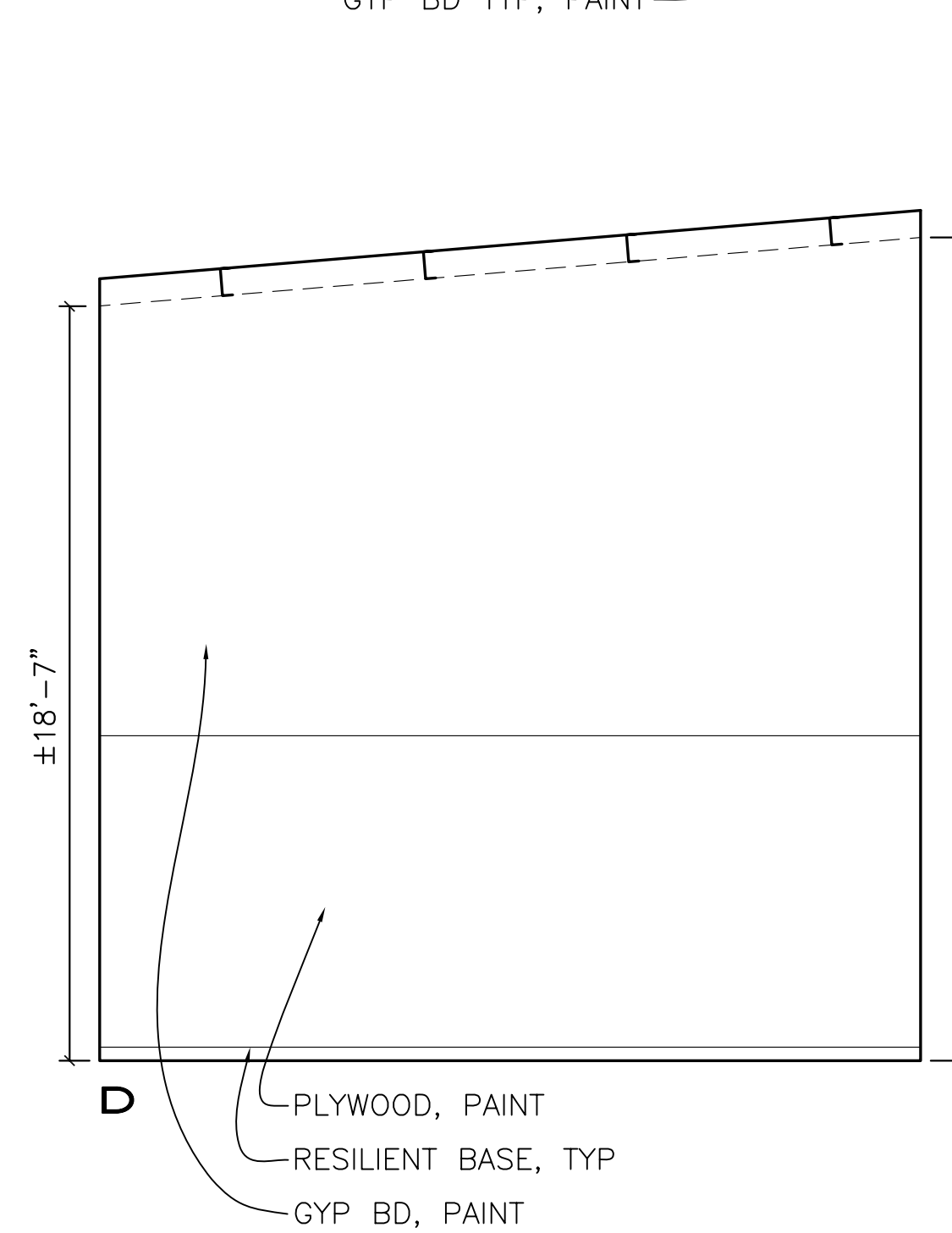
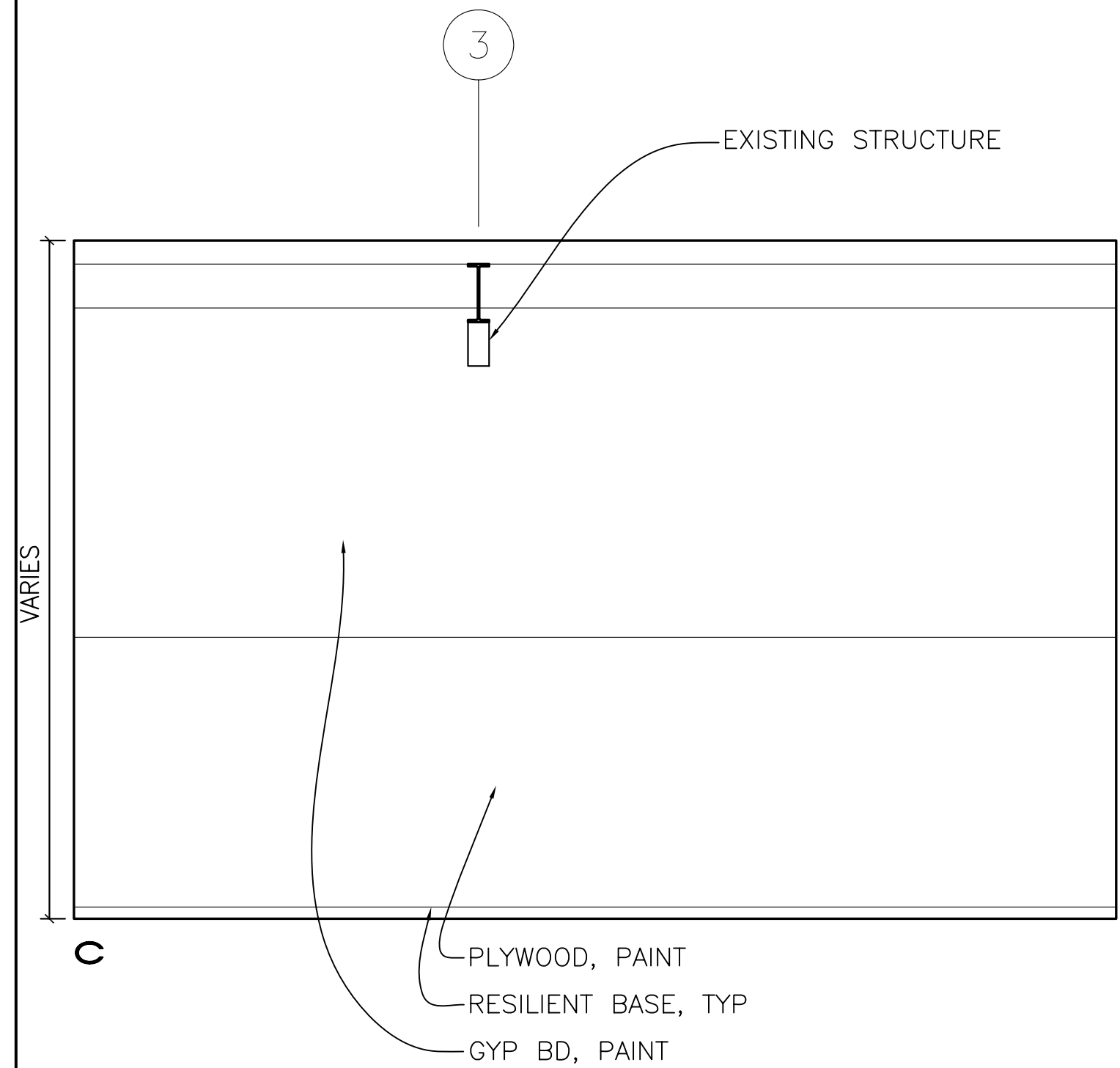
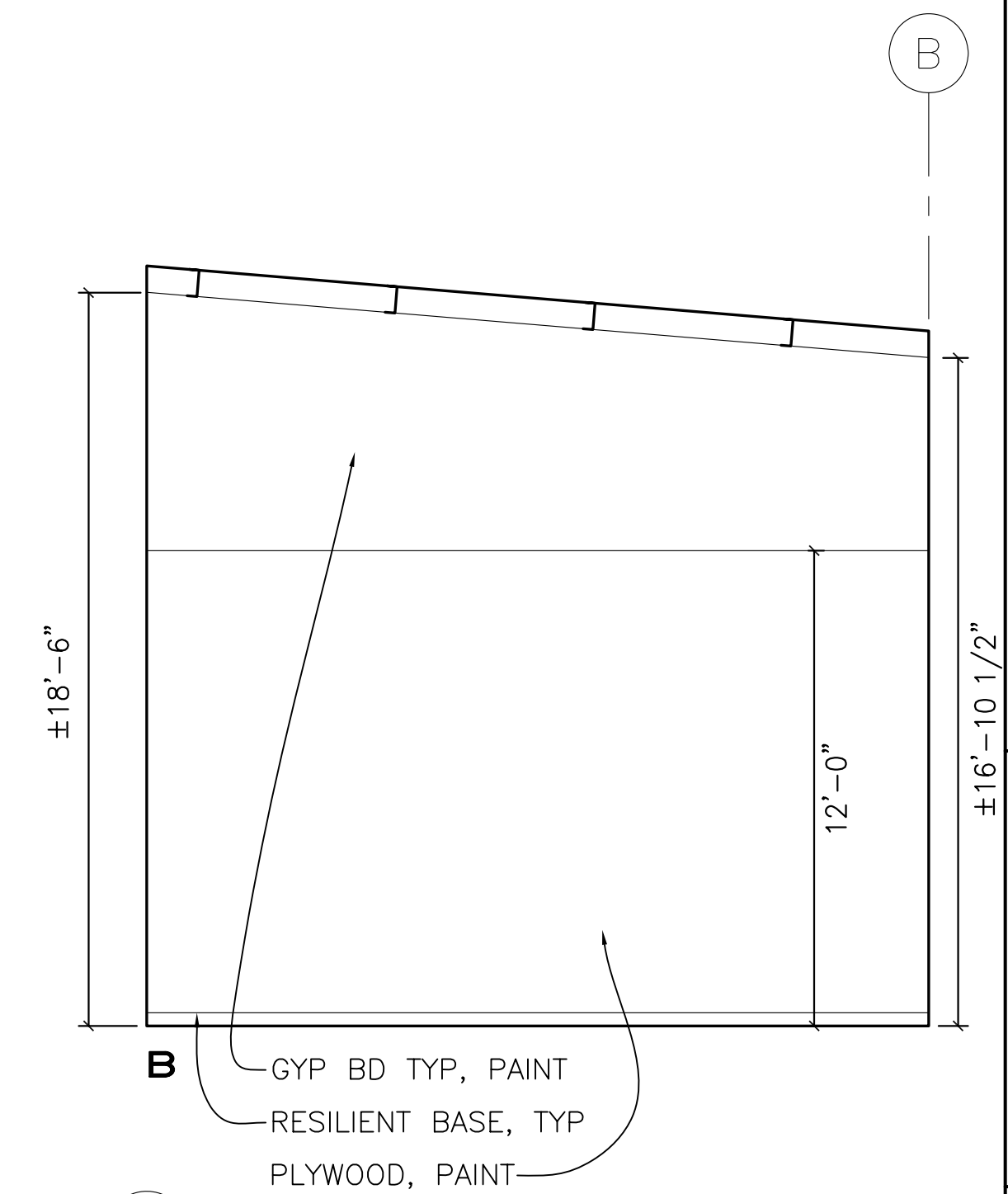
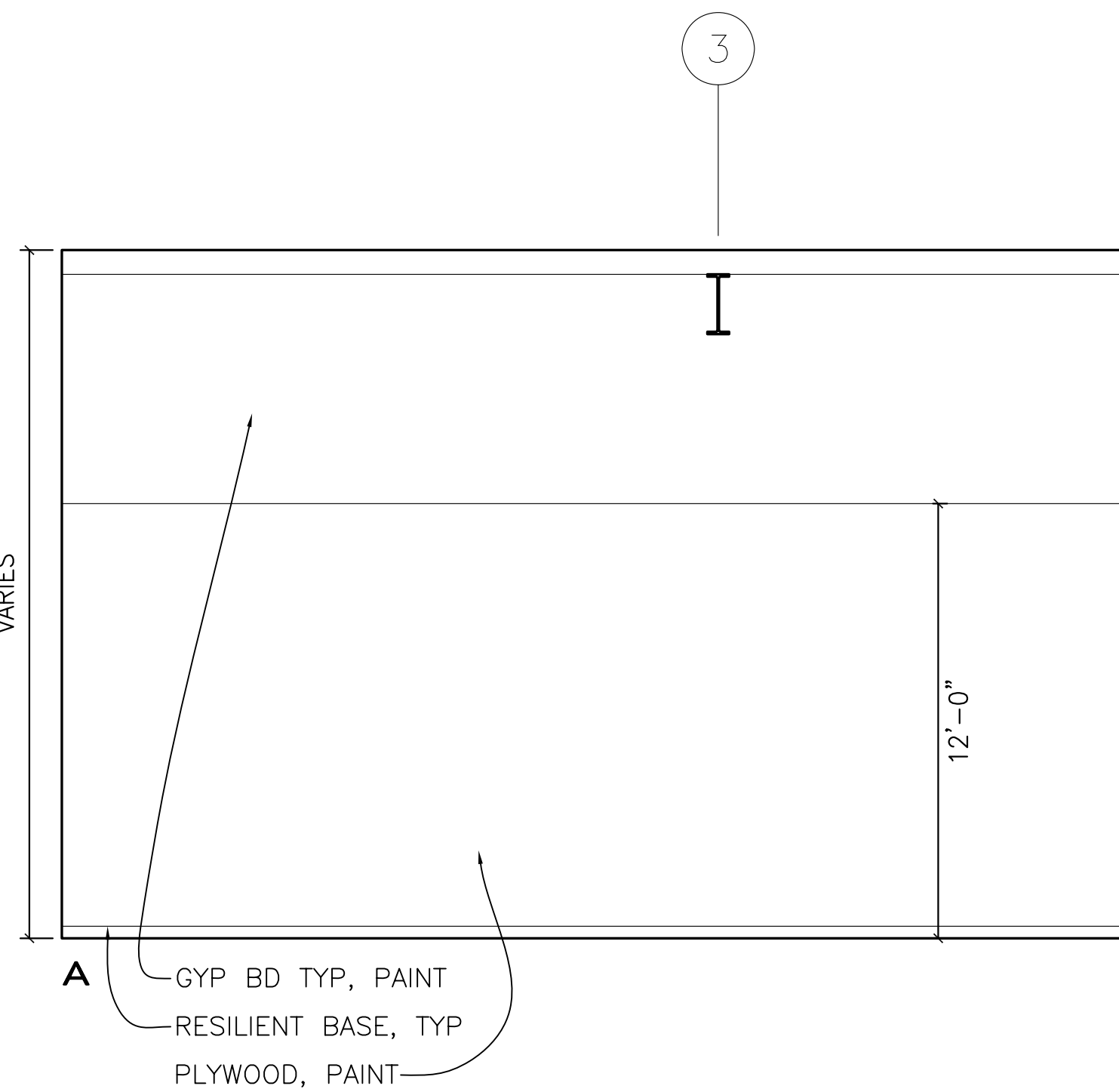
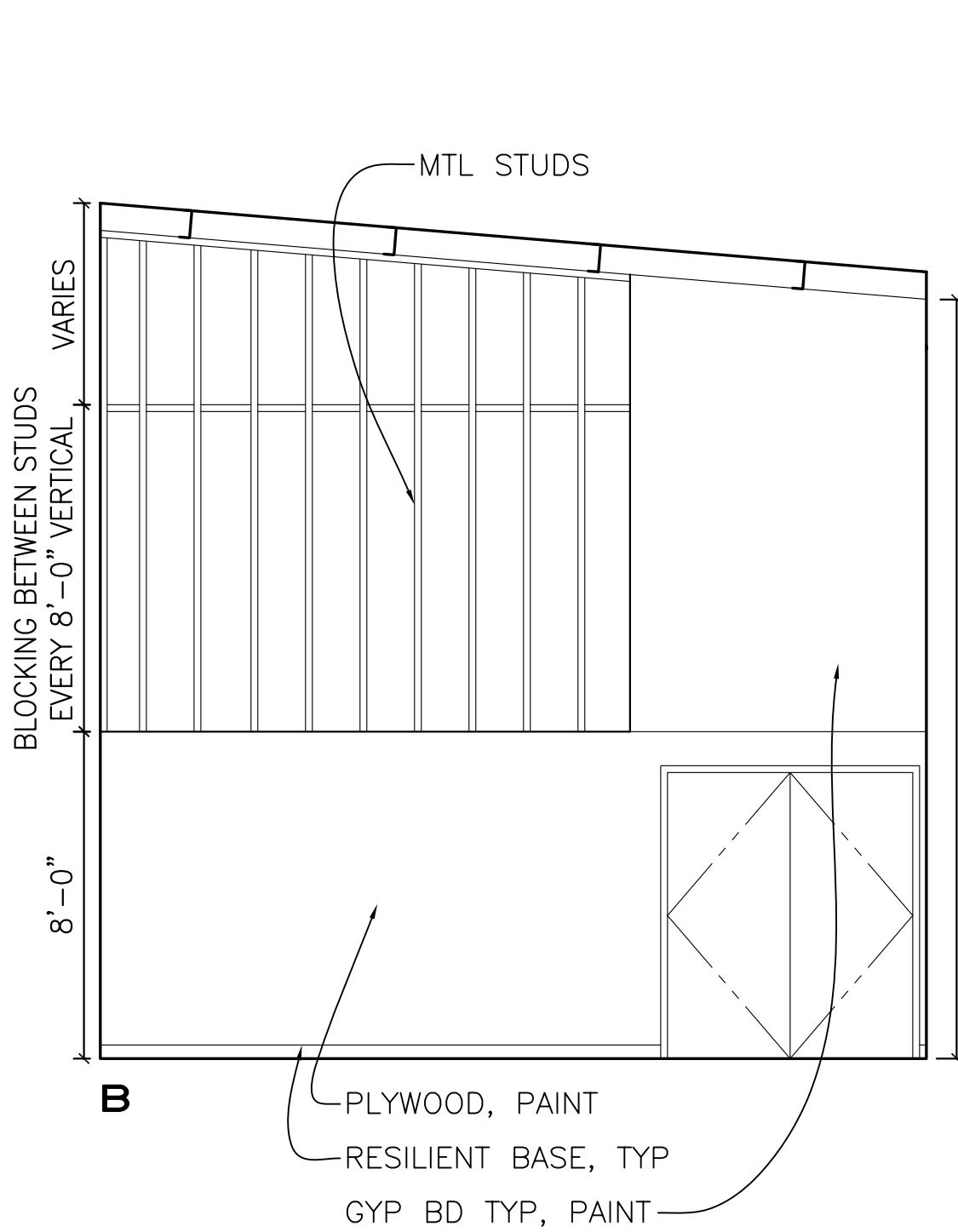
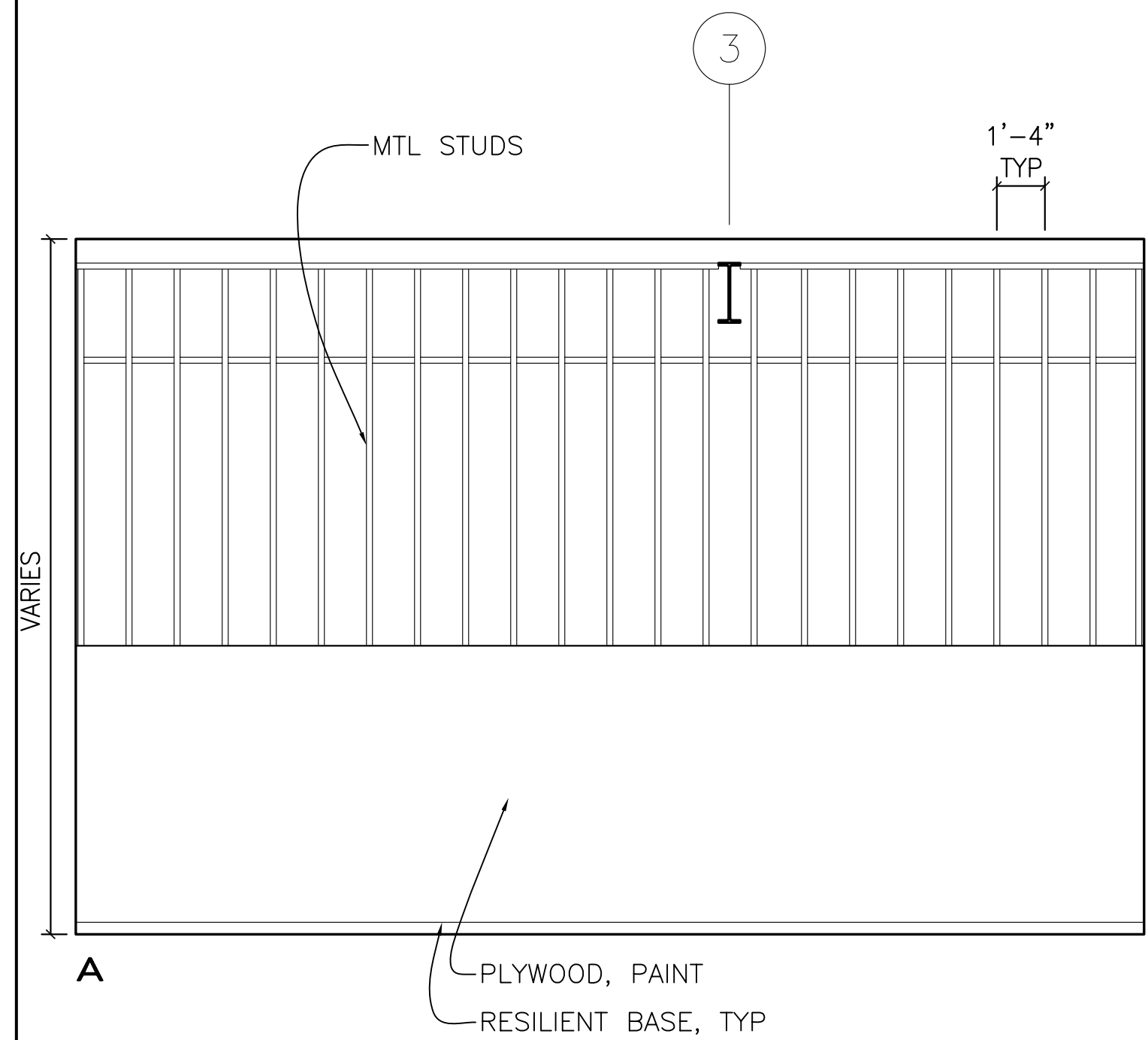
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**BUILDING 34- MAIL/
RECEIVING AND SECURE
STORAGE INT ELEVS**

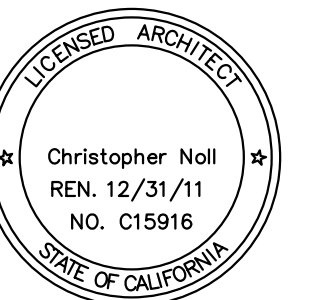
REVISIONS		
NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN JC
CHECKED MM
SCALE 1/4" = 1'-0"
N&T JOB NO.: 2901.4

SHEET NUMBER

A5.02





COLLEGE OF
SAN MATEO

BUILDING 34
MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

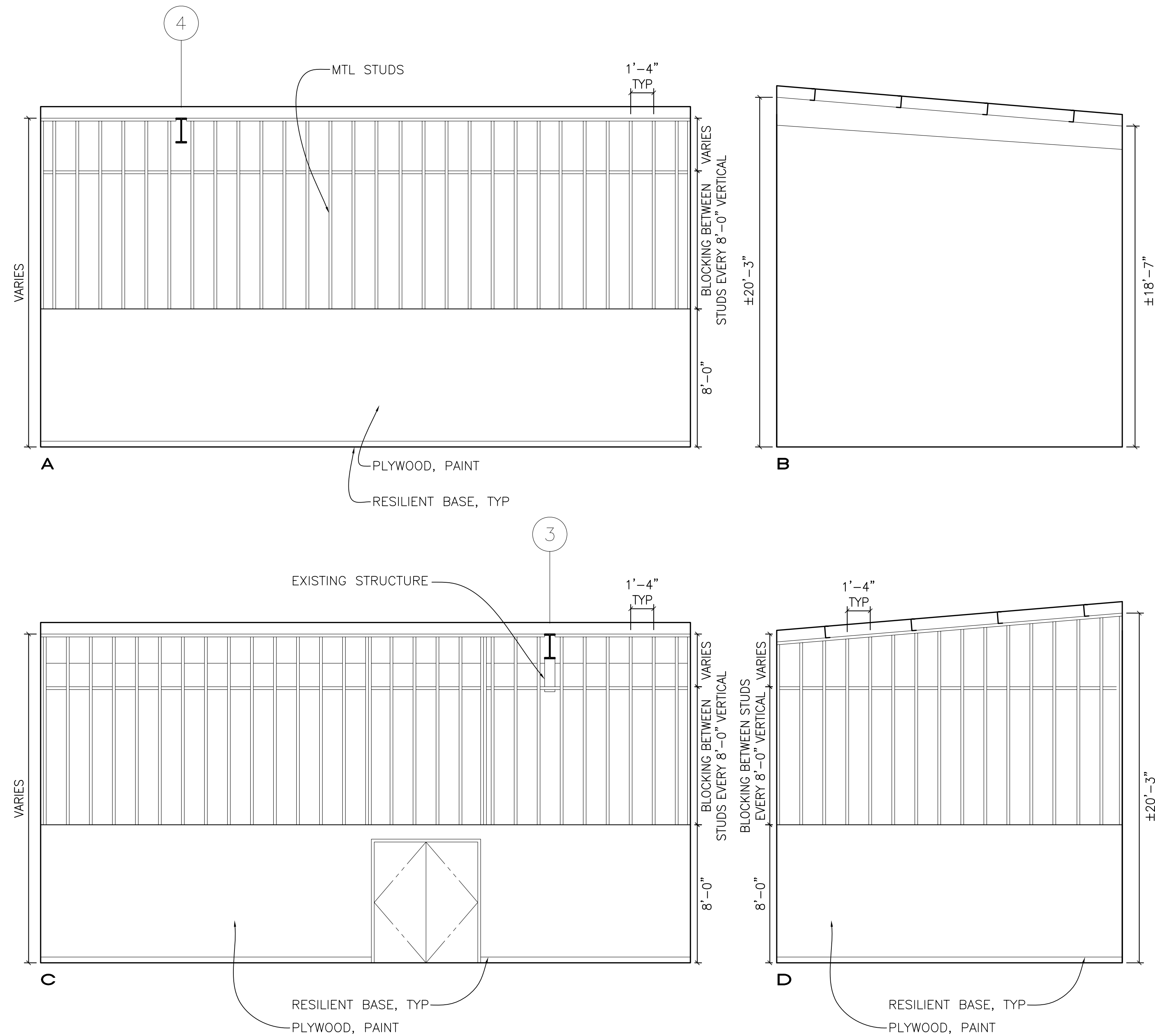
BUILDING 34-
IT MEDIA SERVICES
INTERIOR ELEVATIONS

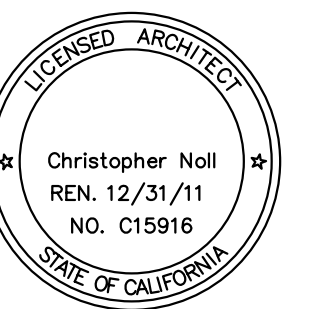
REVISIONS		
NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	MM
SCALE	1/4" = 1'-0"
N&T JOB NO.:	2901.4

SHEET NUMBER

A5.03





COLLEGE OF SAN MATEO

**BUILDING 34
MODERNIZATION**

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

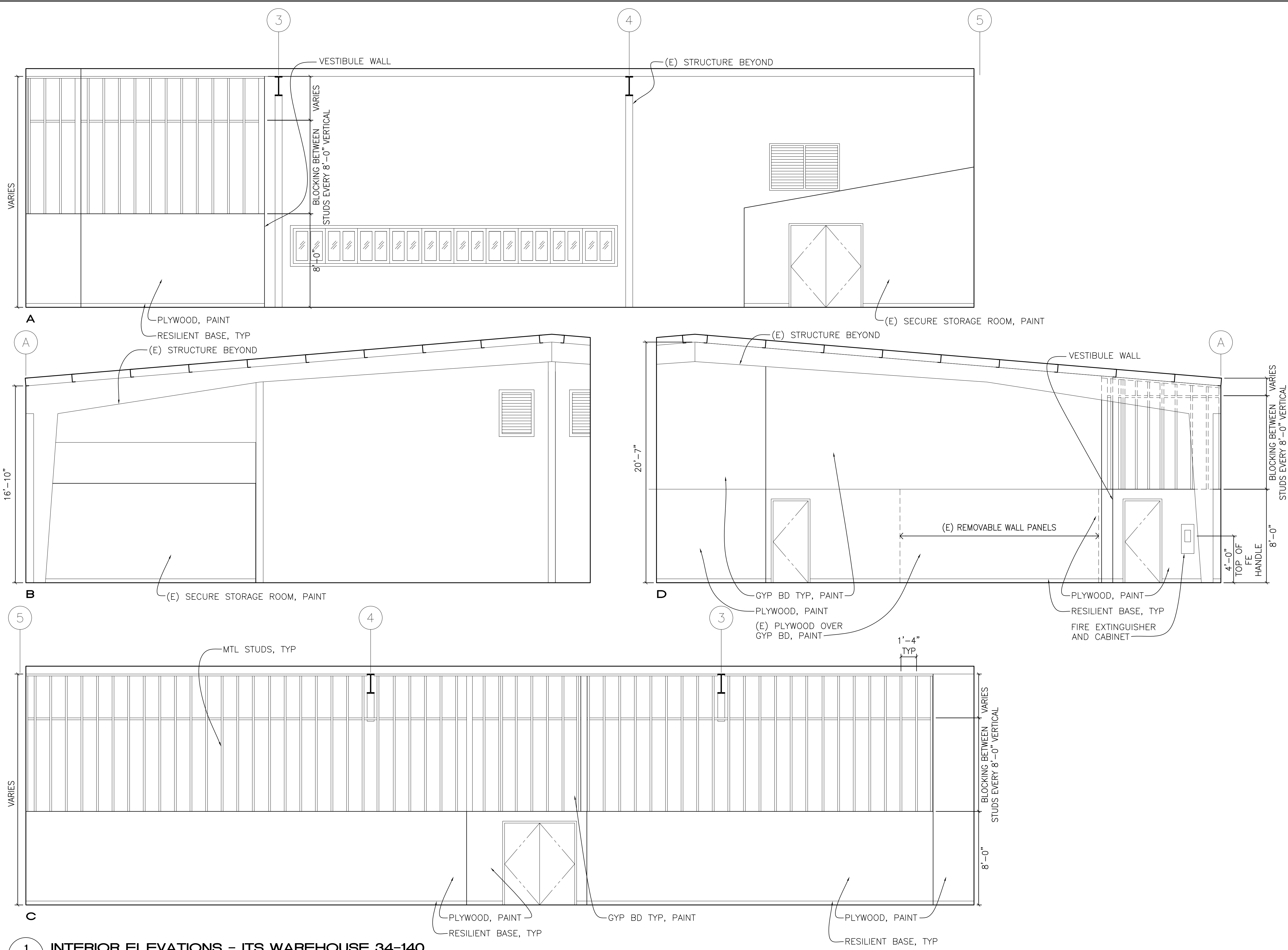
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**BUILDING 34-
ITS WAREHOUSE
INTERIOR ELEVATIONS**

REVISIONS		
NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	JC
CHECKED	MM
SCALE	1/4" = 1'-0"
N&T JOB NO.:	2901.4

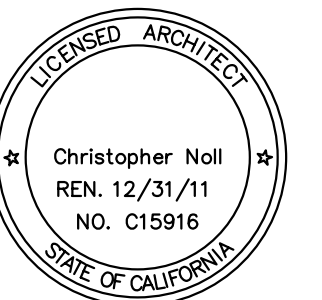
SHEET NUMBER

A5.04



1 INTERIOR ELEVATIONS - ITS WAREHOUSE 34-140

1/4"=1'-0"



COLLEGE OF SAN MATEO
BUILDING 34
MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

**BUILDING 34-
HALLWAY INTERIOR
ELEVATIONS**

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011

DRAWN JC

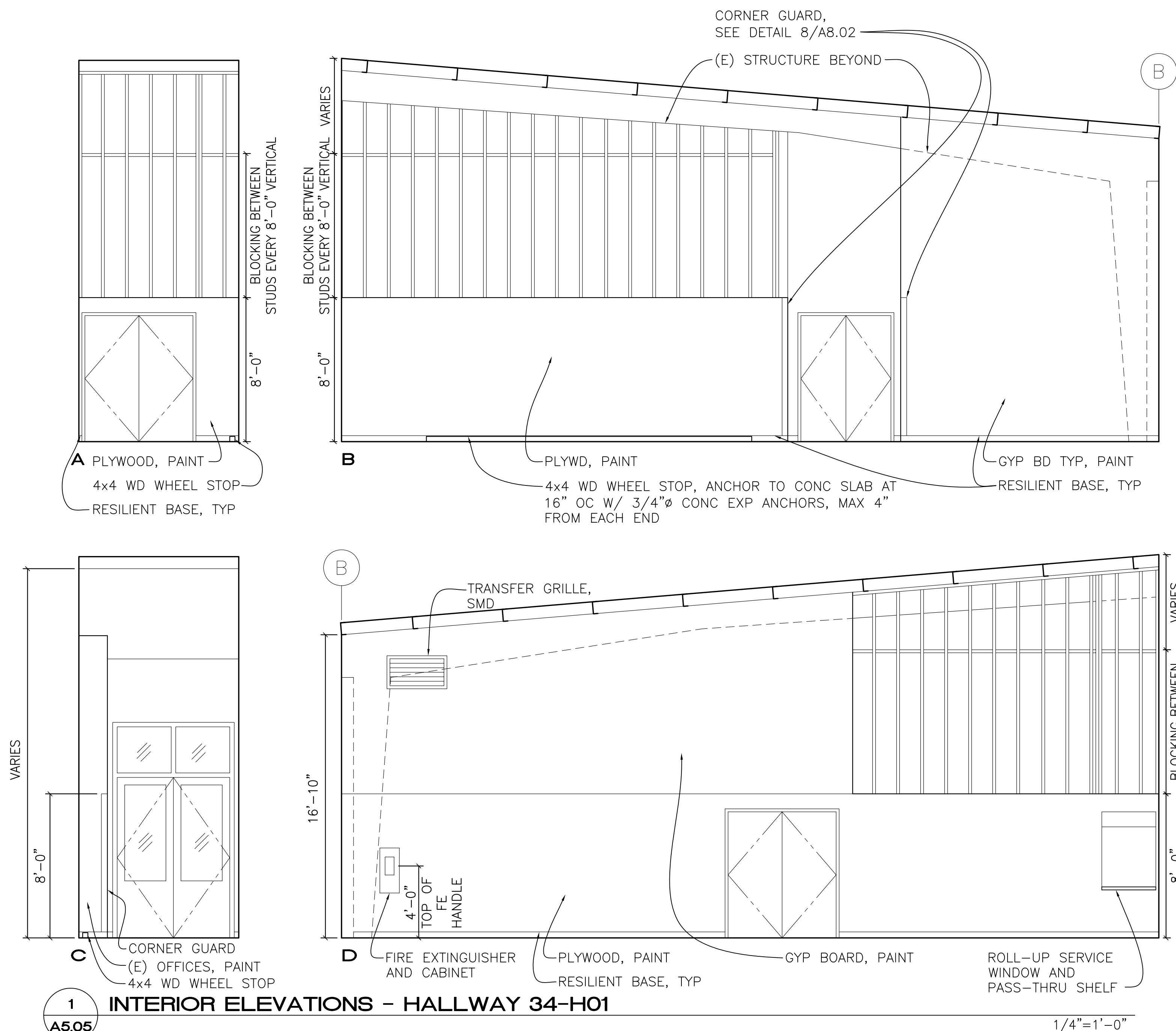
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SCALE 1/4" = 1'-0"

N&T JOB NO.: 2901.4

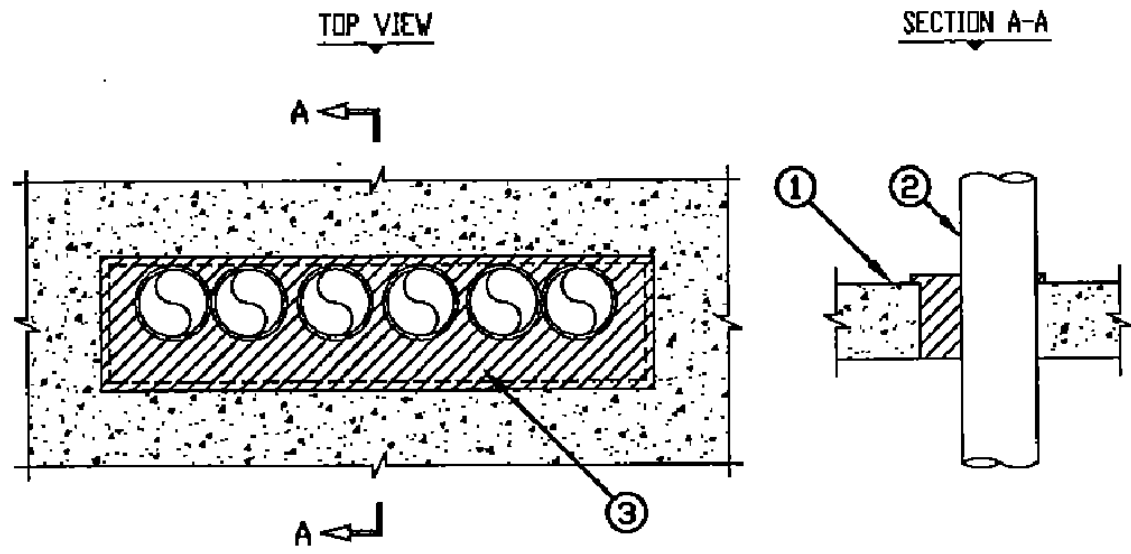
SHEET NUMBER

A5.05



UL/CUL SYSTEM NO. C-AJ-1388
MULTIPLE METAL CONDUITS THROUGH CONCRETE FLOOR/WALL
OR BLOCK WALL ASSEMBLY

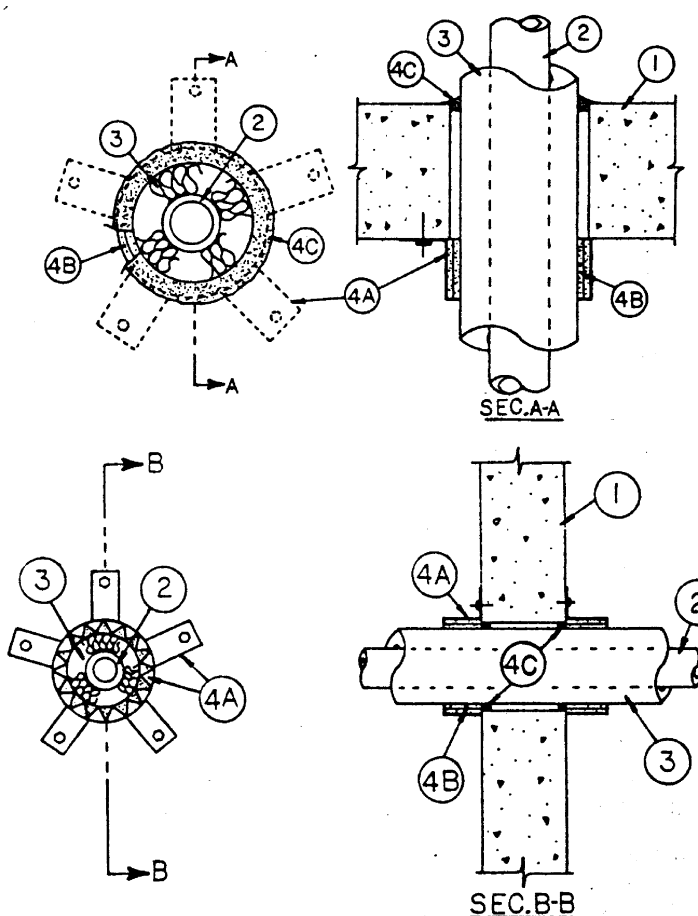
F-RATING = 2-HR
T-RATING = 0-HR



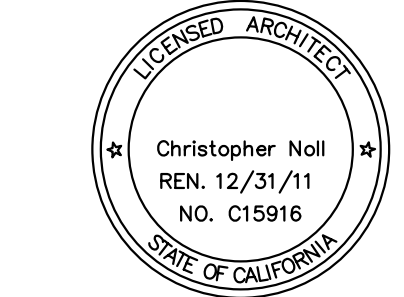
- CONCRETE FLOOR OR WALL ASSEMBLY (2-HR FIRE-RATING)
 - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL MIN. 4-1/2" THICK.
 - ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
- PENETRATING ITEMS TO BE ONE OR MORE OF THE FOLLOWING:
 - MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 - MAXIMUM 4" NOMINAL DIAMETER EXT.
- MINIMUM 5" DEPTH HILTI CP 620 FIRE FOAM EXTENDING 1/2" ABOVE THE TOP SURFACE OF THE FLOOR OR BOTH SURFACES OF WALL AND OVERLAPPING THE CONCRETE 1/2" ON ALL SIDES OF OPENING.

NOTES: 1. MAXIMUM SIZE OF OPENING = 32" x 7".
2. ANNULAR SPACE BETWEEN CONDUITS = MINIMUM 0", MAXIMUM 1/2".
3. ANNULAR SPACE BETWEEN CONDUITS AND PERIPHERY OF OPENING = MINIMUM 0", MAXIMUM 2-3/4".

System No. CAJ5037
(Formerly System No. 301)
F Rating—2 Hr
T Rating—2 Hr



- Floor or Wall Assembly—Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks. See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- Through Penetrants—One metallic pipe, conduit or tubing to be centered within the firestop system. Pipe, conduit, or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - Steel Pipe—Nom 2 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
 - Conduit—Nom 2 in. diam (or smaller) electrical metallic tubing or steel conduit.
 - Pipe Covering—Nom 1-1/2 in. thick hollow cylindrical heavy density (min 3.5 pcf) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product. A non annular space of 3/8 in. is required within the firestop system. See Pipe and Equipment Covering—Materials* (BRGU) category in Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
- Firestop System—The firestop system shall consist of the following:
 - Steel Collar—Collar fabricated from precast 0.016 in. thick (30 MSG) galv sheet steel available from the wrap strip manufacturer. Collar shall be nom 2 in. deep by max 6-1/4 in. diam with min five 1-1/2 in. wide by 2 in. long anchor tabs for securement to the concrete floor or wall. Retainer tabs, 3/4 in. wide by 1/2 in. long and located opposite the anchor tabs are folded 90 degree toward pipe surface to maintain a 1/2 in. annular space around the pipe and to retain the wrap strips. Steel collar tightened around wrap strips and pipe using a min 1/2 in. wide by 0.028 in. thick stainless steel hose clamp installed at midheight. Collar secured to concrete surface with 1/4 in. diam by min 1 in. long bolts and steel expansion lags in conjunction with min 3/4 in. diam washers or min 0.145 in. diam by min 1-1/4 in. long powder actuated steel fasteners with 5/8 in. diam heads. In floor assemblies, one collar is used on the bottom of the concrete floor only. In wall assemblies, a collar is used on both surfaces of the concrete wall.
 - Fill, Void or Cavity Material—Wrap Strip—Nom 1/4 in. thick intumescent material faced on one side with aluminum foil, supplied in 2 in. wide strips. In floor assemblies, two layers of wrap strips are wrapped around the pipe covering (foil side exposed). The two layers of wrap strips are individually wrapped around the pipe covering with the ends butted and held in place with aluminum tape. Butted ends in successive layers shall be staggered. After the second layer is in place, the assembly is wrapped with a single wire to permanently hold the strips in place. The upper edges shall abut the bottom surface of the concrete floor. In wall assemblies, the two layers wrap strip are installed on each side of the concrete wall.
 - Hilti Construction Chemicals, Inc.—Type CS2420 Wrap Sealant—Min 1/4 in. thickness of fill material applied within annulus on top surface of floor or with both surfaces of wall. Additional fill material to be installed on the top surface of floor such that a min 1/8 in. crown is formed around the penetrating item and lapping beyond the periphery of the opening.
 - Hilti Construction Chemicals, Inc.—Type CS240 Sealant



CONSTRUCTION DOCUMENTS

COLLEGE OF
SAN MATEO
BUILDING 34
MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

FIRESTOPPING +
MISC DETAILS

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011

DRAWN TC

CHECKED MM

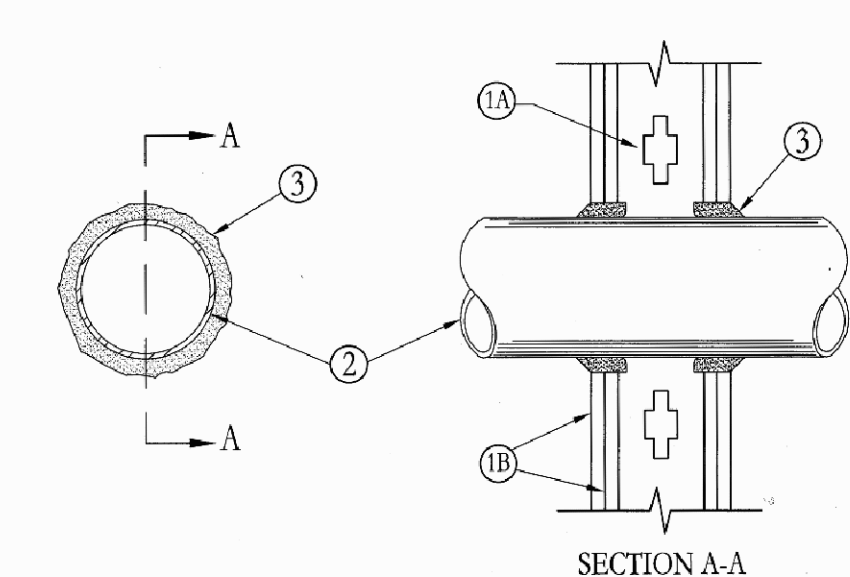
SCALE AS NOTED

N&T JOB NO.: 2901.4

SHEET NUMBER

A7.01

System No. W-L-1001
January 18, 1999
(Formerly System No. 147)
F Ratings—1, 2, 3 and 4 Hr (See Items 2 and 3)
T Rating At Ambient—less than 1 CFM/sq ft
L Rating At 400 F—less than 1 CFM/sq ft



- Wall Assembly—The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
 - Studs—Wall framing may consist of either wood studs (max 2 hr fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC with nom 2 by 4 in. lumber end plates and cross braces. Steel studs to be min 3-5/8 in. wide by 1-3/8 in. deep channels spaced max 24 in. OC.
 - Gypsum Board*—Nom 1/2 or 5/8 in. thick, 4-ft. wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 13-1/2 in.
- Pipe or Conduit—Nom 12 in. diam (or smaller) Schedule 40 (or heavier) steel pipe, nom 12 in. diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in. diam (or smaller) Class 50 (or heavier) ductile iron pressure pipe, nom 6 in. diam (or smaller) steel conduit, nom 4 in. diam (or smaller) steel electrical metallic tubing, nom 6 in. diam (or smaller) Type L (or heavier) copper tubing or nom 1 in. diam (or smaller) flexible steel conduit. When copper pipe is used, max F Rating of firestop system (Item 3) is 2 hr. Steel pipe or conduit larger than nom 4 in. diam may only be used in walls constructed using steel channel studs. A max of one pipe or conduit is permitted in the firestop system. Pipe or conduit to be installed near center of stud cavity width and to be rigidly supported on both sides of wall assembly.
- Fill, Void or Cavity Material*—Caulk—Caulk fill material installed to completely fill annular space between pipe or conduit and gypsum wallboard and with a min 1/4 in. diam bead of caulk applied to perimeter of pipe or conduit at its gross from the wall. Caulk installed symmetrically on both sides of wall assembly. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly F Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam In.	Annular Space In.	F Rating Hr	T Rating Hr
1	0 to 3/16	1 or 2	0, 1 or 2
1	1/4 to 1/2	3 or 4	3 or 4
4	0 to 1/2	1 or 2	0
6	1/4 to 1/2	3 or 4	0
12	3/16 to 3/8	1 or 2	0

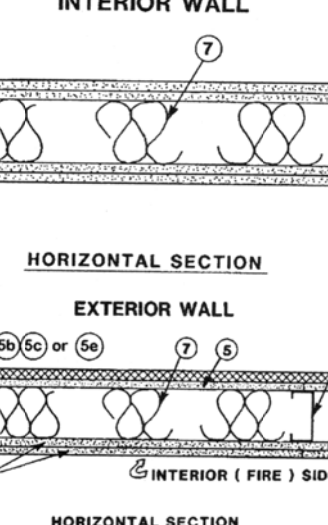
*When copper pipe is used, T Rating is 0 hr.
MINNESOTA MINING & MFG CO—CP 25WB*
*Bearing the UL Classification Marking

Max Pipe or Conduit Diam In.	Annular Space In.	F Rating Hr	T Rating Hr
1	0 to 3/16	1 or 2	0, 1 or 2
1	1/4 to 1/2	3 or 4	3 or 4
4	0 to 1/2	1 or 2	0
6	1/4 to 1/2	3 or 4	0
12	3/16 to 3/8	1 or 2	0

*When copper pipe is used, T Rating is 0 hr.
MINNESOTA MINING & MFG CO—CP 25WB*
*Bearing the UL Classification Marking

This material was extracted by 3M Fire Protection Products from the 2002 edition of the UL Fire Resistance Directory.

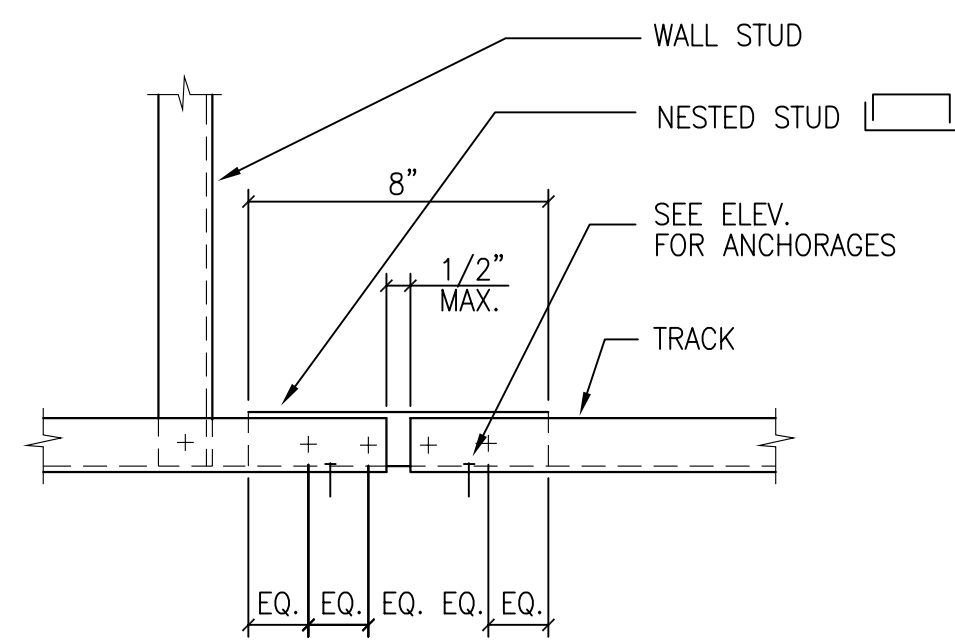
Design No. U425
(For Exterior Walls, Ratings Applicable For Exposure To Fire On Interior Face Only. (See Items 4 and 5) Bearing Wall Rating (See Items 2 and 4)



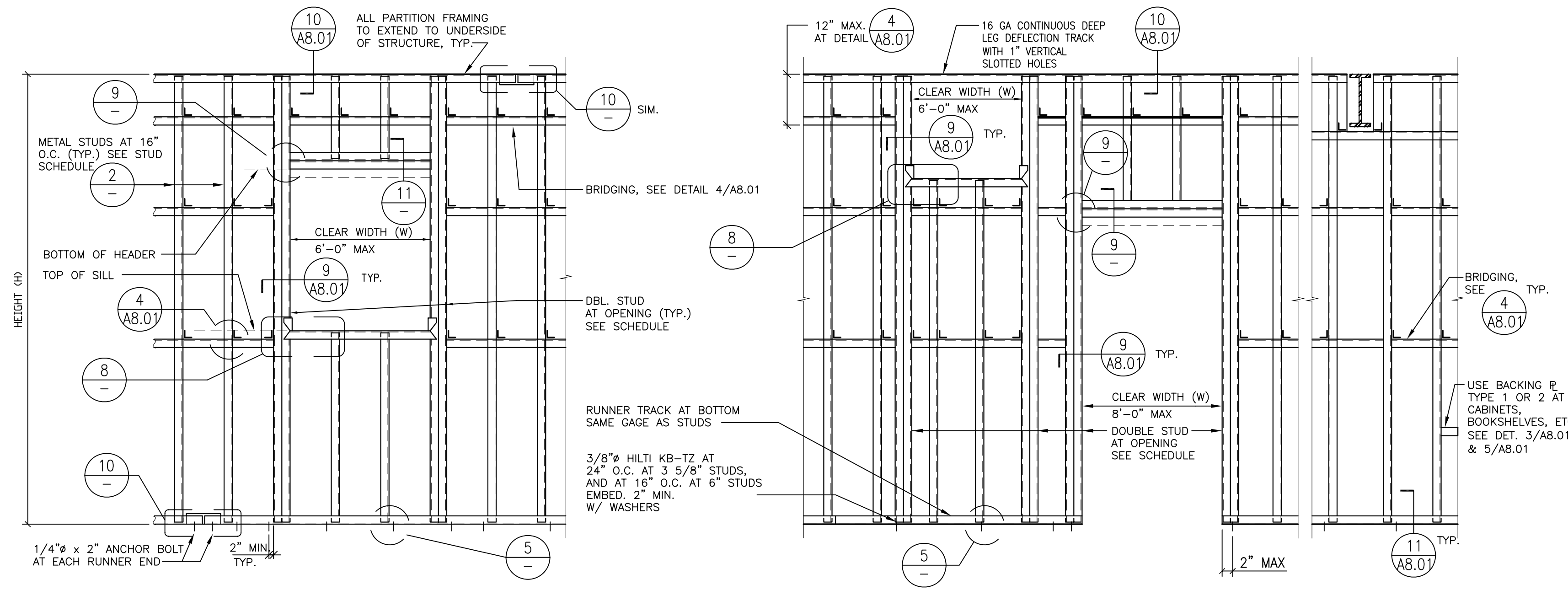
Rating	Wallboard Protection on Exterior Side of Wall—No. of Layers & Thickness of Board in Each Layer	% of Design Load
65 min	1 layer, 5/8 in. thick	100
1 hr	2 layers, 1/2 in. thick	100
1 1/2 hr	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
	2 layers, 3/4 in. thick	100

- See Gypsum Board (KKN0) Category for names of Classified Companies of 1/2 in. or 5/8 in. thick wallboard. See below for Classified Company of 1/4 in. thick wallboard.
- CANADIAN GYPSUM COMPANY—Type IP-X3, ULTRACODE, ULTRACODE SHX or ULTRACODE WRX.
UNITED STATES GYPSUM CO—Type IP-X3, ULTRACODE, ULTRACODE SHX or ULTRACODE WRX.
YESO PANAMERICANO S A DE C V—Type IP-X3, ULTRACODE, ULTRACODE SHX or ULTRACODE WRX.
- Gypsum Board*—(As an alternate to 5/8 in. thick wallboards in Item 4)
 - Nom 3/4 in. thick CANADIAN GYPSUM COMPANY—Types AR, IP-AR, UNITED STATES GYPSUM CO—Types AR, IP-AR, YESO PANAMERICANO S A DE C V—Types AR, IP-AR.
 - Gypsum Sheathing—For exterior walls, 1/2 or 5/8 in. thick exterior regular gypsum sheathing applied vertically and attached to studs and runner tracks with 1 in. long, Type S-12 bugle head screws spaced 12 in. OC along studs and tracks. One of the following exterior facings are to be applied over the gypsum sheathing:
 - Siding, Brick, or Stucco—Aluminum siding, steel siding, brick veneer, or stucco attached to studs over gypsum sheathing and meeting the requirements of local code agencies. When a min 3-3/4 in. thick brick veneer facing is used, the Exterior Wall Rating is applicable with exposure on either face. Brick veneer wall attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
 - Mineral and Fiber Boards*—Exterior hard board paneling, chemically treated over gypsum sheathing with primed or finished face, 7/16 in. thick by 48 in. wide. Attached to studs over gypsum sheathing with 1-7/8 in. long, bugle-head TEK fasteners 16 in. OC at the intermediate supports. Or, exterior lap siding, chemically treated, 7/16 in. thick by 8 in. or 12 in. wide. Attached to studs with 1-7/8 in. long, bugle-head Type TEK fasteners at each lap. Panels lapped minimum 1 in.
 - MASONITE CORP.—Type FT.
 - Cementitious Backer Units*—1/2 or 5/8 in. thick, square edge boards, attached to steel studs over gypsum sheathing with 1-5/8 in. long, Type S-12, corrosion resistant, water head steel screws, spaced 8 in. OC. Studs spaced a max of 16 in. OC. Joints covered with glass fiber mesh tape.
 - UNITED STATES GYPSUM CO—Durock Interior Cement Board or Durock Brand Cement Board.
 - Molded Plastic*—Solid vinyl siding mechanically secured to framing members in accordance with manufacturer's recommended installation details.

- ASSOCIATED MATERIALS INC. ALSIDE, DIV OF HEARTLAND BUILDING PRODUCTS INC. NEBRASKA PLASTICS INC.
- Fasteners—(Not Shown)—Screws used to attach wallboard to studs: self-tapping bugle head sheet steel type, spaced 12 in. OC. First layer Type S-12 by 1 in. long for 1/2 and 5/8 in. thick wallboards and 1 1/4 in. long for 3/4 in. thick wallboard. Second layer Type S-12 by 1-5/8 in. long for 1/2 and 5/8 in. thick wallboards and 2 1/4 in. long for 3/4 in. thick wallboard. Third layer Type S-12 by 1-7/8 in. long for 3/4 in. thick wallboard.
 - Batts and Blankets*—Placed in stud cavities of all exterior walls. May or may not be used in interior walls. Any glass fiber or mineral wool batt material bearing the UL Classification Marking as to Fire Resistance, of a thickness to completely fill stud cavity.
 - See Batts and Blankets (BZ2) Category for names of Classified Companies.
 - Joint Tape and Compound—(Not Shown)—Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layer. Perforated paper tape, 2 in. wide, embedded in first layer of compound over all joints of outer layer.
- *Bearing the UL Classification Marking



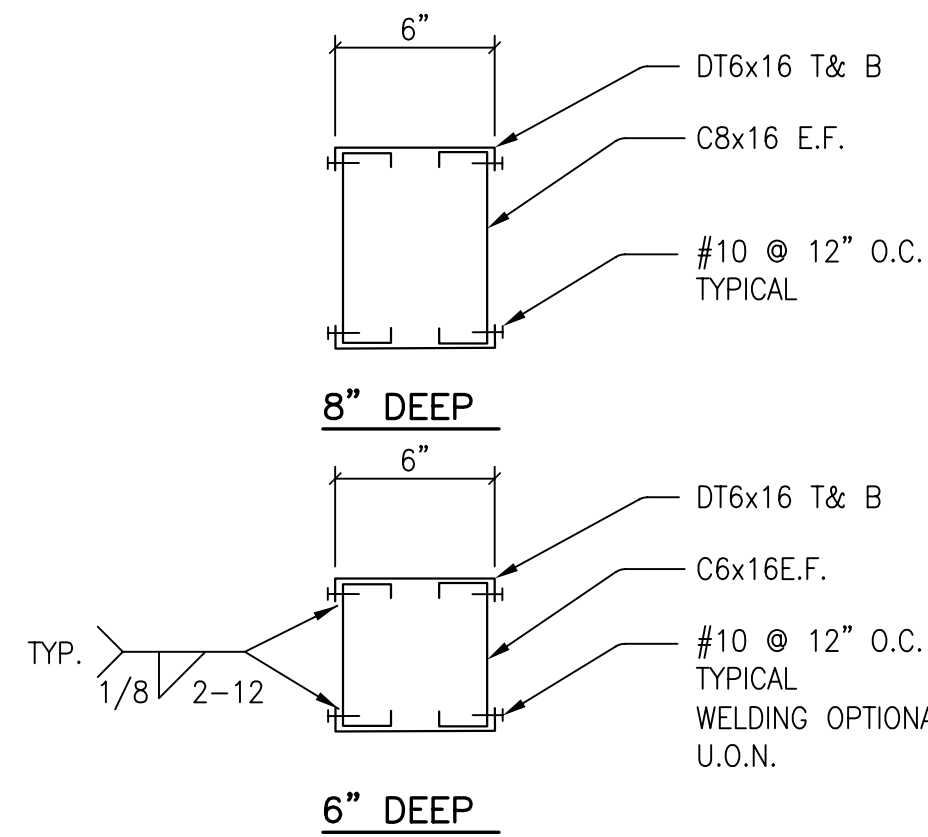
10 TRACK SPLICE
A8.00 NTS



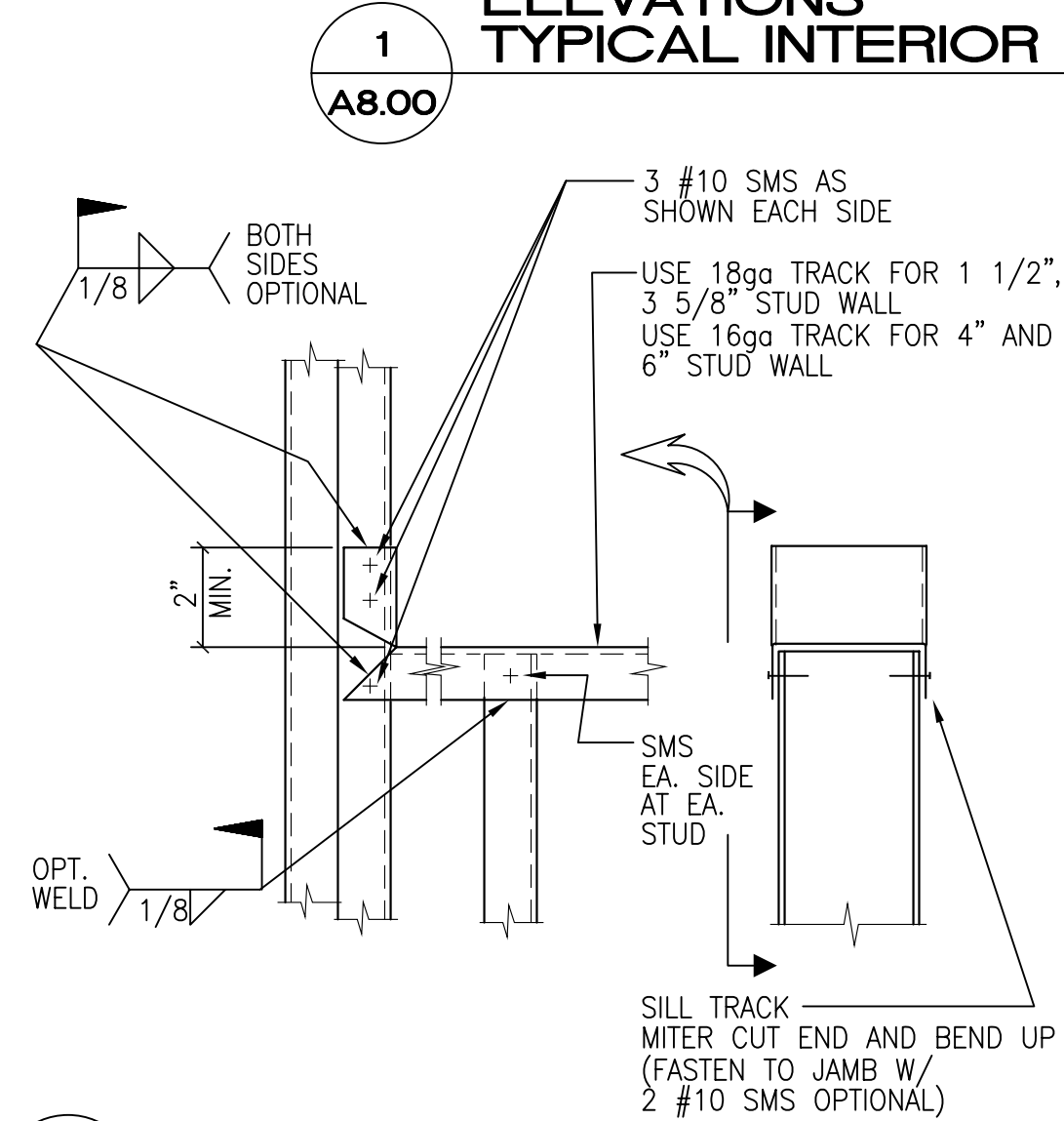
PARTITION WITH FRAMED OPENINGS

PARTITION AT BEAM

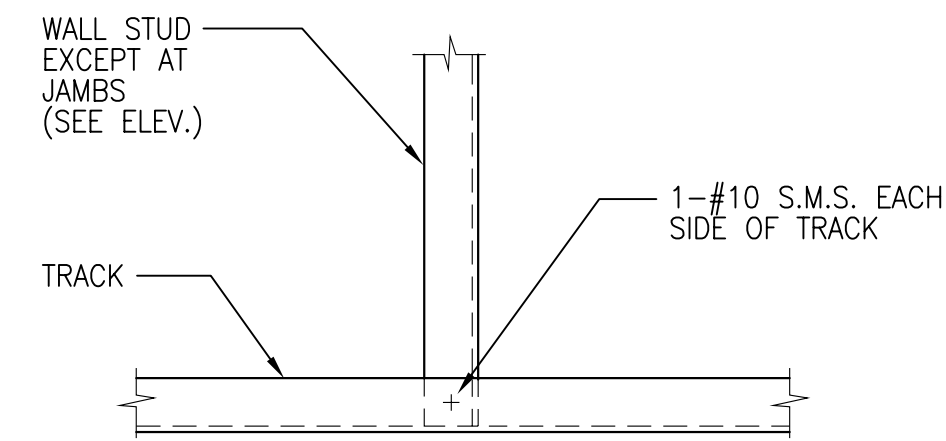
ELEVATIONS
TYPICAL INTERIOR NON-BEARING METAL STUD WALL



11 TYPICAL BOX BEAM
A8.00 NTS



8 SILL DETAIL
A8.00 NTS

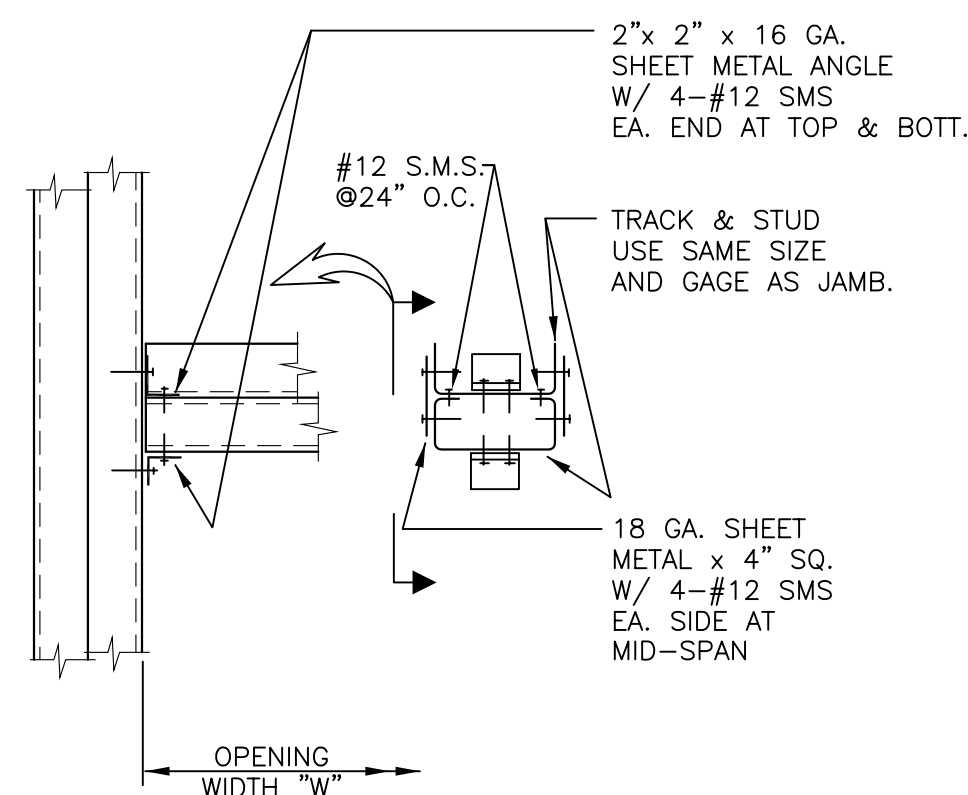


5 WALL STUD TO BOTTOM TRACK
A8.00 NTS

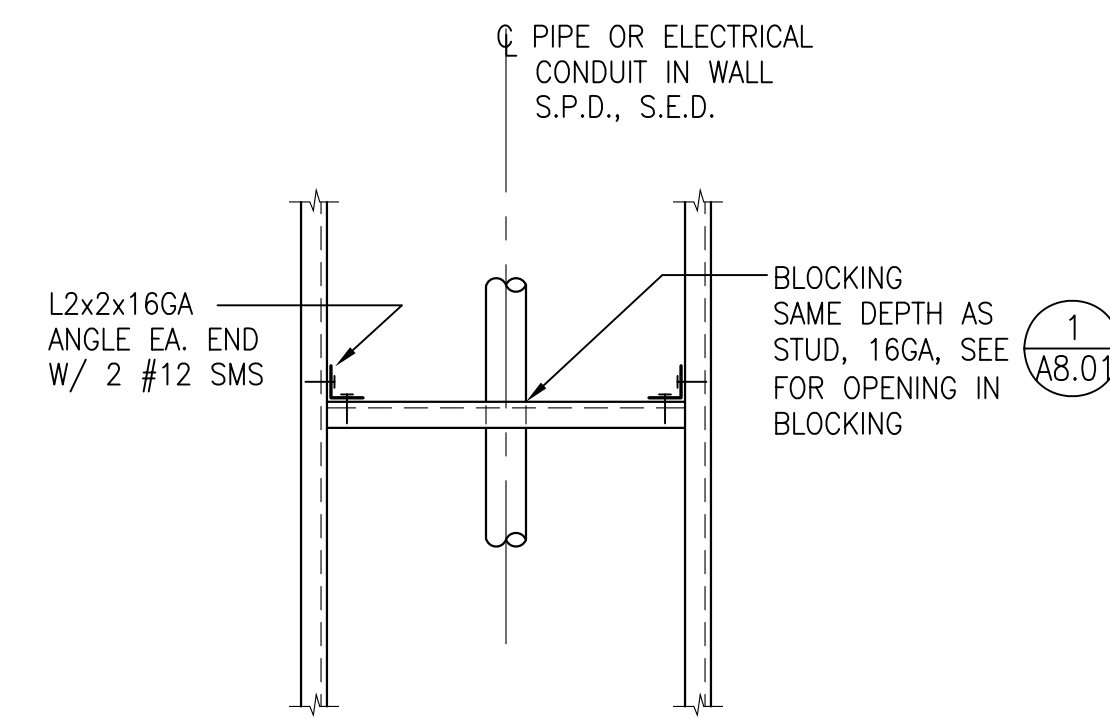
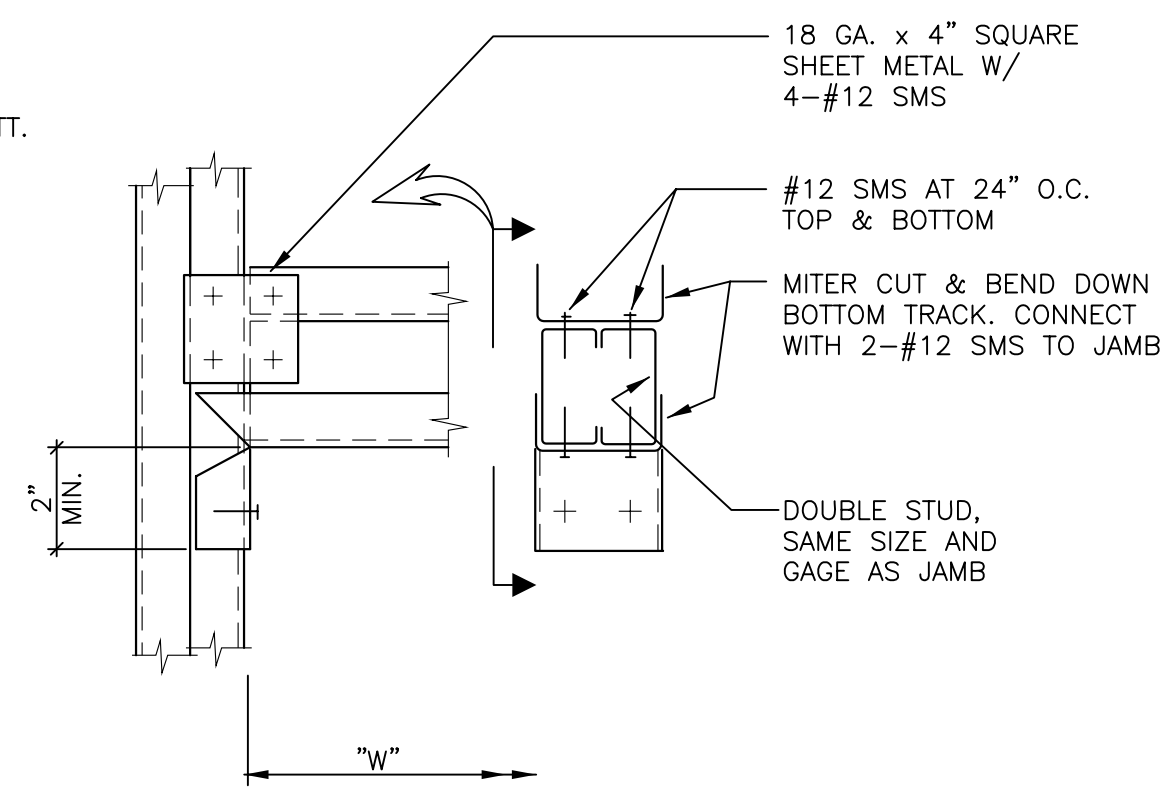
MAXIMUM HEIGHT LENGTH (FEET)	MINIMUM STUD PROPERTIES				
	DEPTH	GAGE (MIN.)	SPACING (U.O.N.)	S _x MIN.	I _x MIN.
11'	2 1/2"	18	16"	0.296	0.378
17'	3 5/8"	16	16"	0.481	0.873
19'	4"	16	16"	0.549	1.098
23'	6"	16	16"	0.953	2.860

- NOTES:
- FRAMING 16 GA. AND HEAVIER TO BE 50 KSI, ALL OTHER FRAMING TO BE 33 KSI MIN
 - ALL TRACK TO BE 16 GA
 - STUD FLANGES SHALL BE 1 5/8"
 - BLOCKING TO MATCH SIZE AND GAGE OF STUD

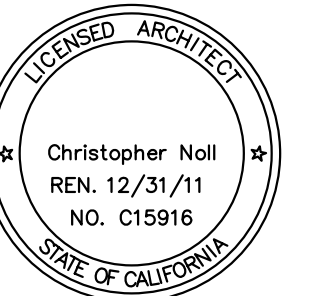
2 METAL FRAMING SCHEDULE
A8.00 NTS



9 TYPICAL HEADER SCREWED CONNECTION DETAILS
A8.00 NTS

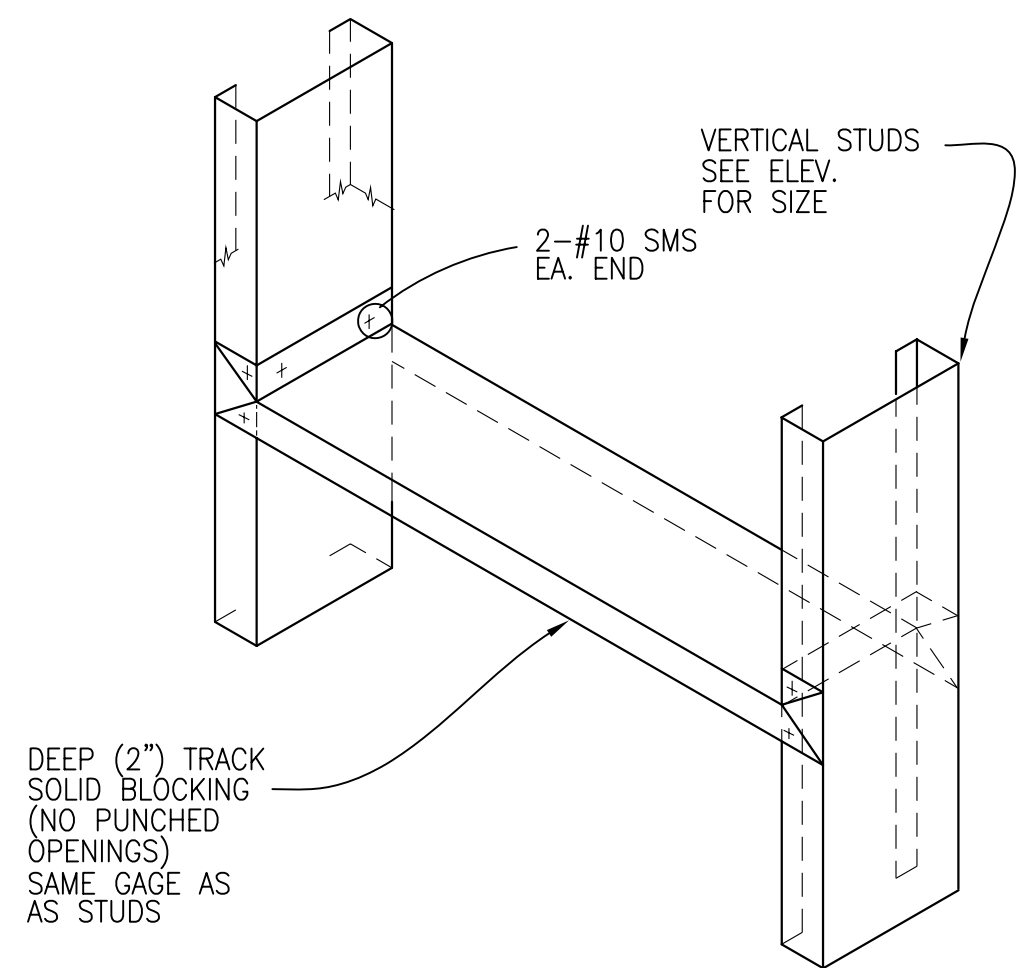


6 TYPICAL BLOCKING DETAIL PIPE IN WALL
A8.00 NTS



REVISIONS		
NO.	DATE	DESCRIPTION

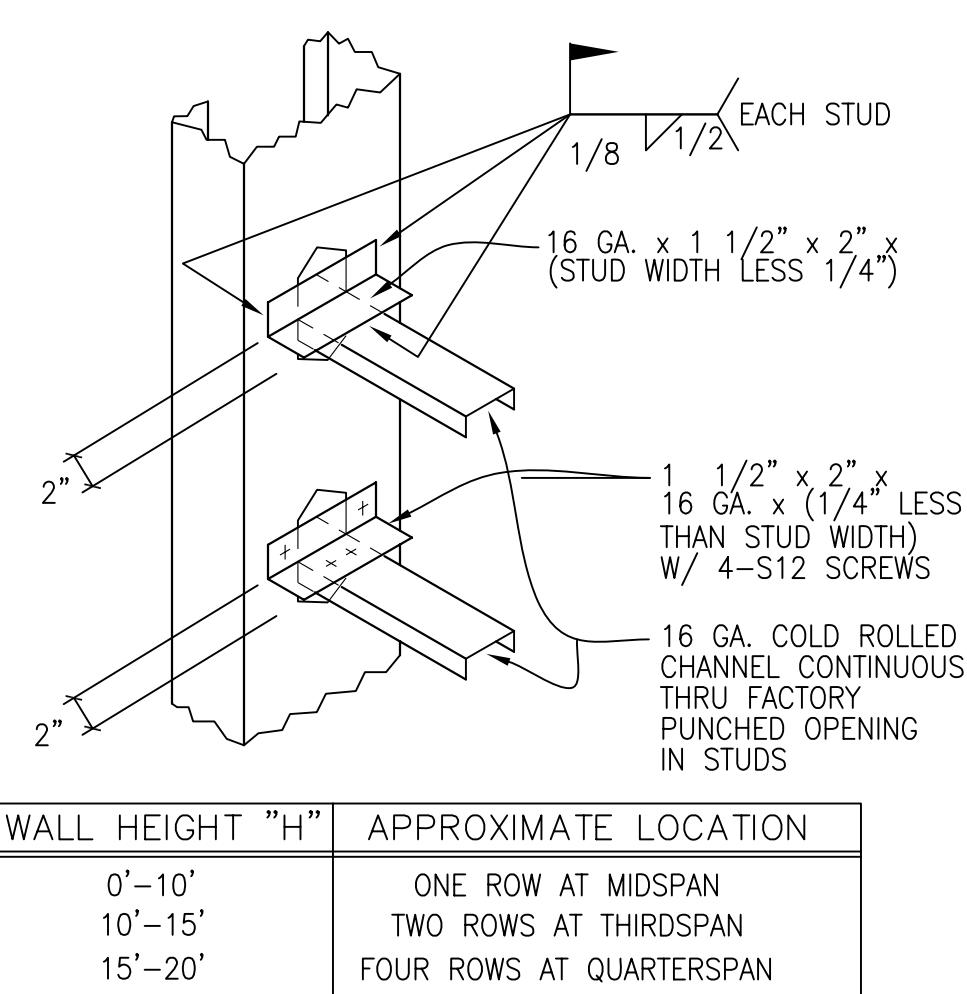
OPTION A: NO PUNCHED OPENINGS



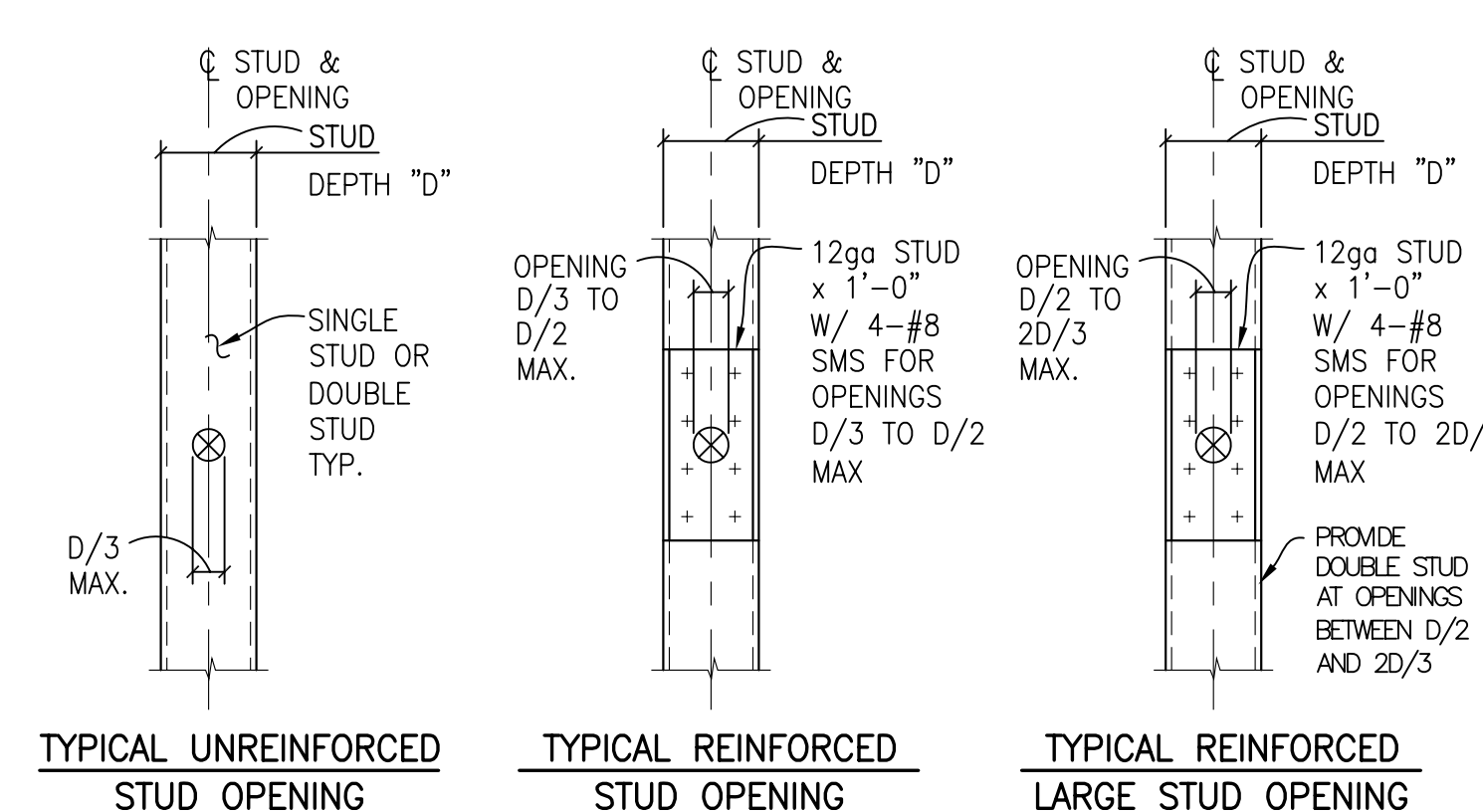
4 TYPICAL BRIDGING DETAILS

A8.01 NOTE: FOR BRIDGING BETWEEN STUDS W/ PUNCHED OPENINGS, THE CONTRACTOR HAS THE OPTION TO WELD OR SCREW PER THIS DETAIL. FOR BRIDGING BETWEEN SOLID STUDS (NO PUNCHED OPENINGS); PROVIDE SCREWS PER DETAIL.
NOTES:

OPTION B: PUNCHED OPENINGS



WALL HEIGHT "H"	APPROXIMATE LOCATION
0'-10'	ONE ROW AT MIDSPAN
10'-15'	TWO ROWS AT THIRDSPAN
15'-20'	FOUR ROWS AT QUARTERSPAN

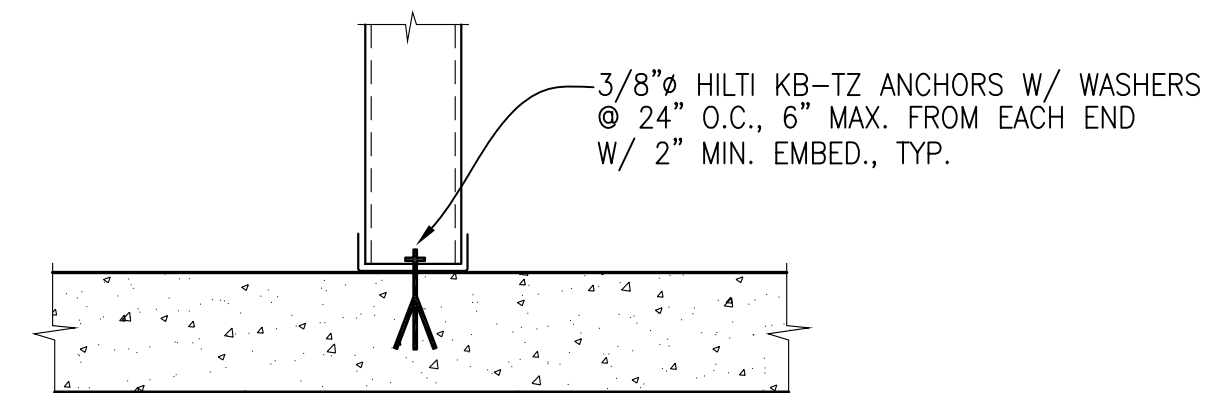


TYPICAL UNREINFORCED STUD OPENING **TYPICAL REINFORCED STUD OPENING** **TYPICAL REINFORCED LARGE STUD OPENING**

NOTE:
1. NO OPENINGS IN METAL STUD GREATER THAN 2D/3 ALLOWED.
2. DO NOT LOCATE OPENINGS AT BACKING PLATE.

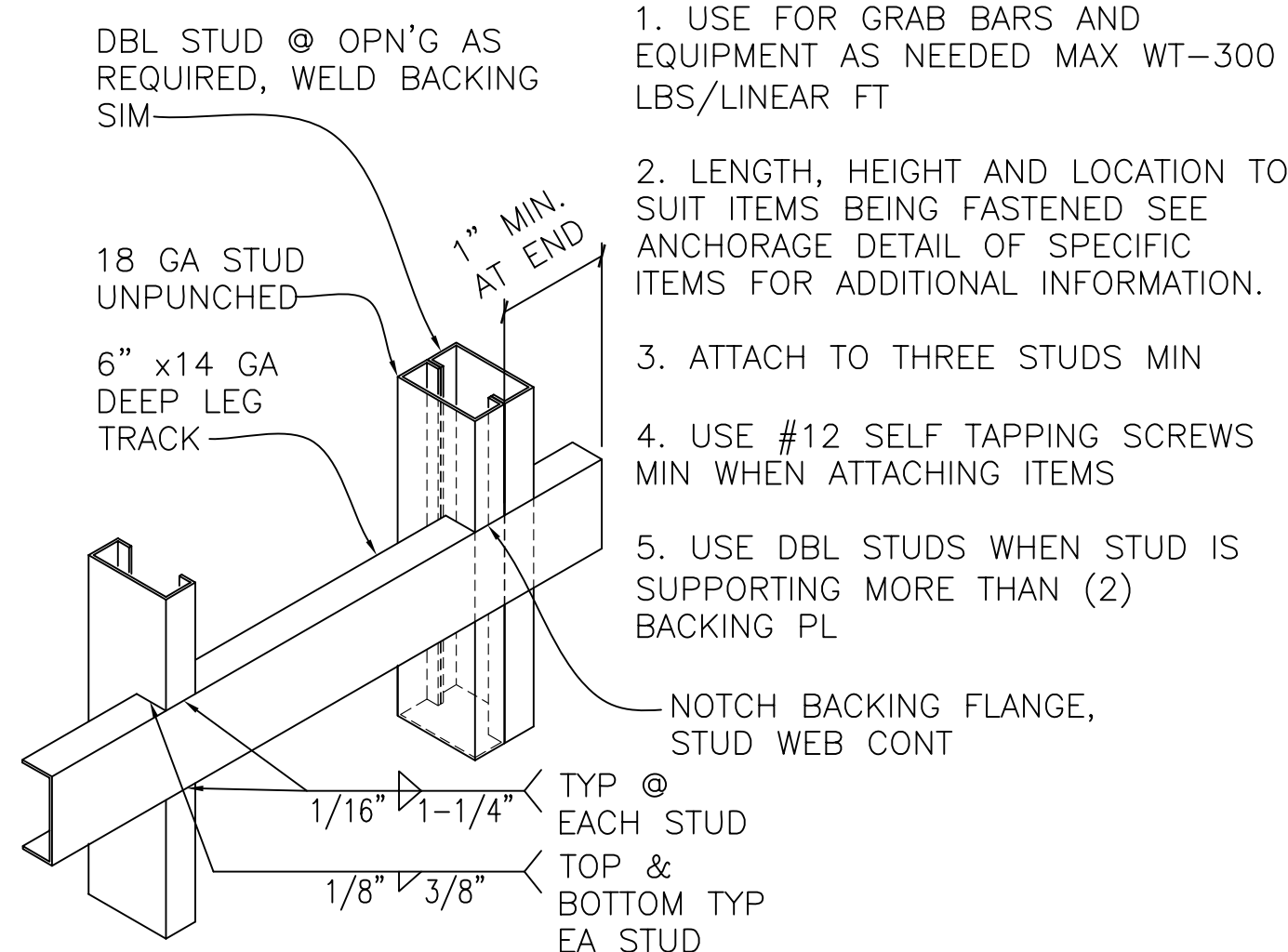
1 TYPICAL OPENING IN METAL STUD DETAIL

A8.01 NTS



11 PARTITION & FLOOR

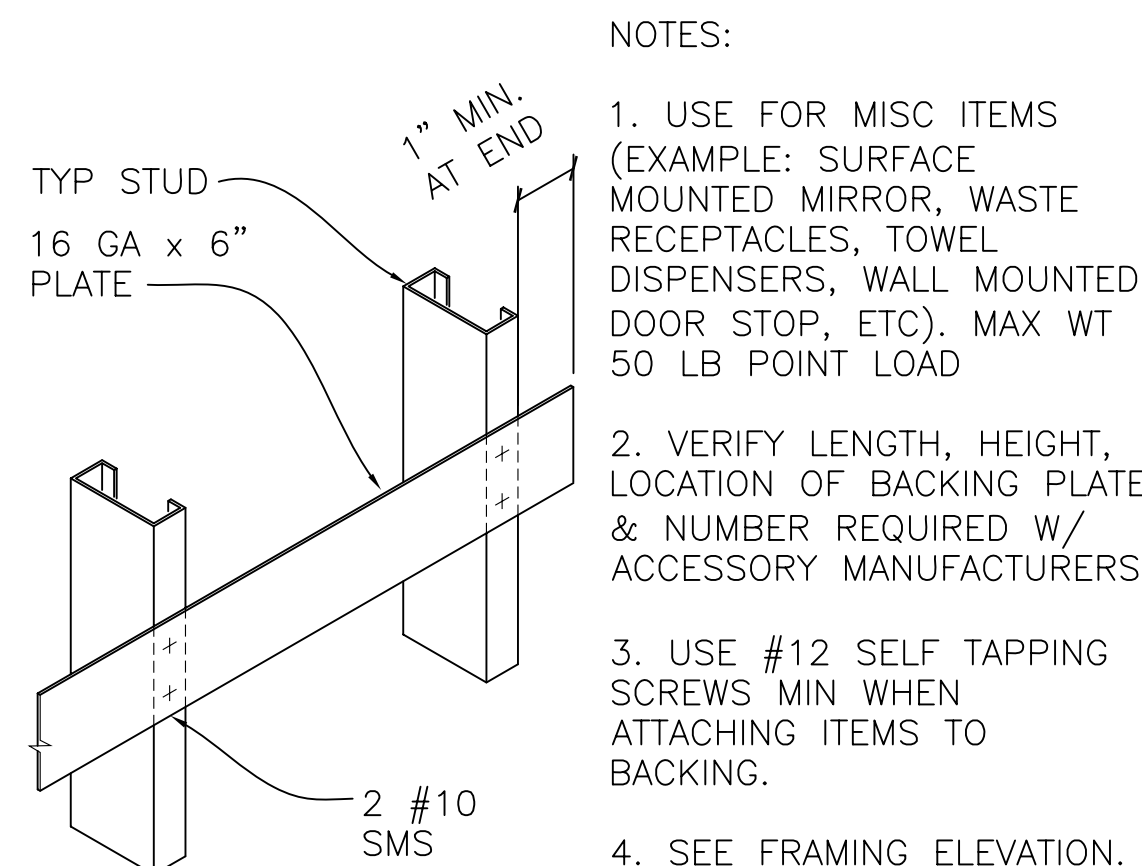
A8.01 NTS



8 BACKING TYPE 3 MAX 300 LBS/LF LOAD

A8.01 NTS

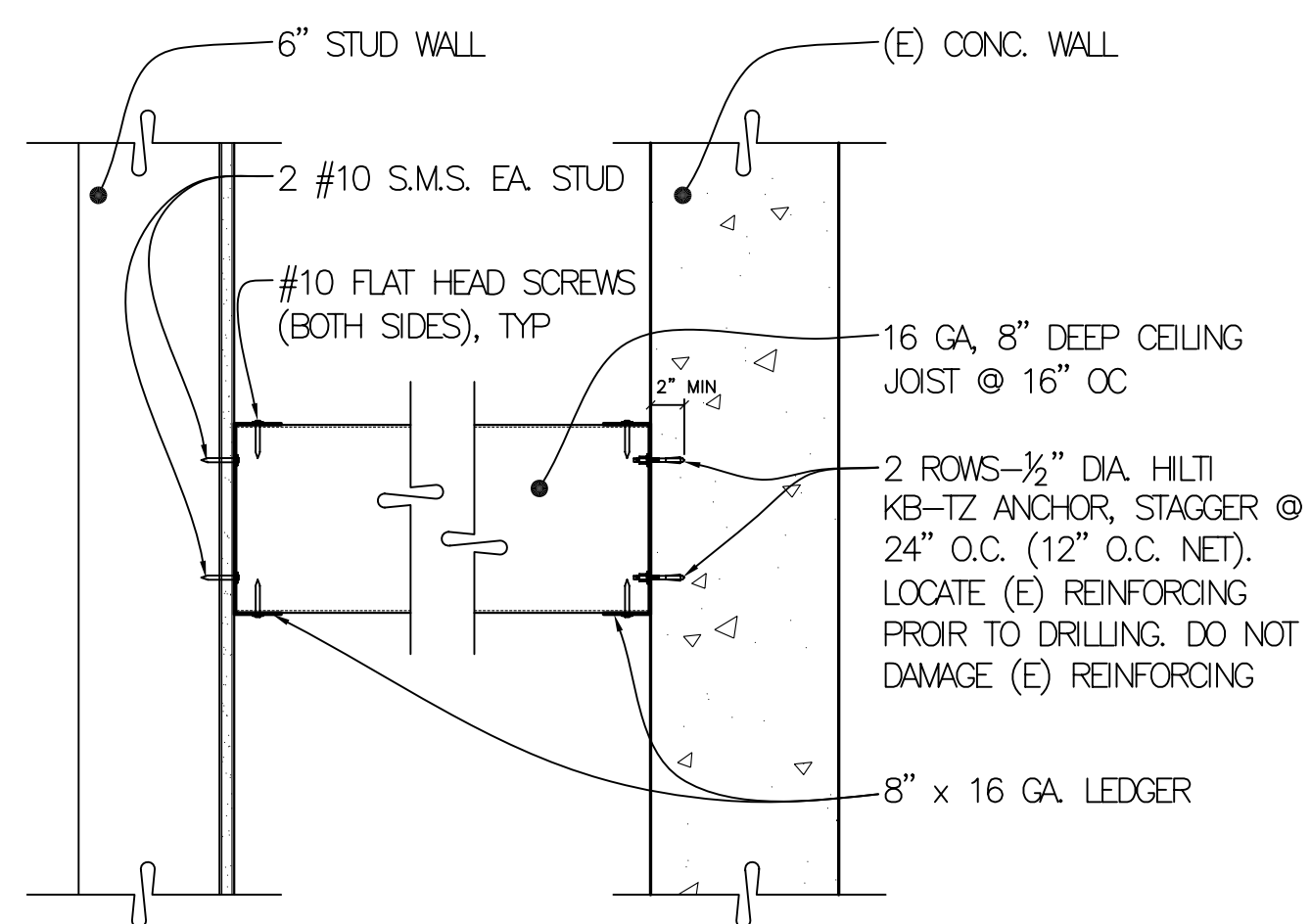
1. USE FOR GRAB BARS AND EQUIPMENT AS NEEDED MAX WT-300 LBS/LINEAR FT
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN
4. USE #12 SELF TAPPING SCREWS MIN WHEN ATTACHING ITEMS
5. USE DBL STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BACKING PL



5 BACKING TYPE 1 MAX 50 LB POINT LOAD

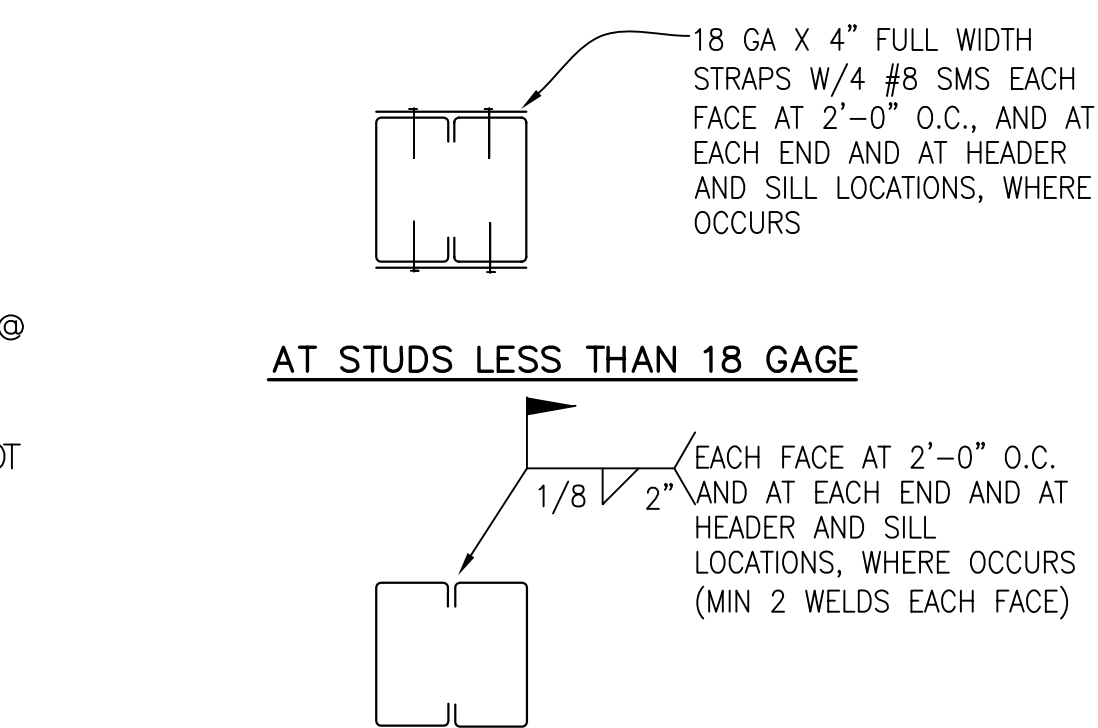
A8.01 NTS

- NOTES:**
1. USE FOR MISC ITEMS (EXAMPLE: SURFACE MOUNTED MIRROR, WASTE RECEPTACLES, TOWEL DISPENSERS, WALL MOUNTED DOOR STOP, ETC). MAX WT 50 LB POINT LOAD
 2. VERIFY LENGTH, HEIGHT, LOCATION OF BACKING PLATE & NUMBER REQUIRED W/ ACCESSORY MANUFACTURERS.
 3. USE #12 SELF TAPPING SCREWS MIN WHEN ATTACHING ITEMS TO BACKING.
 4. SEE FRAMING ELEVATION.



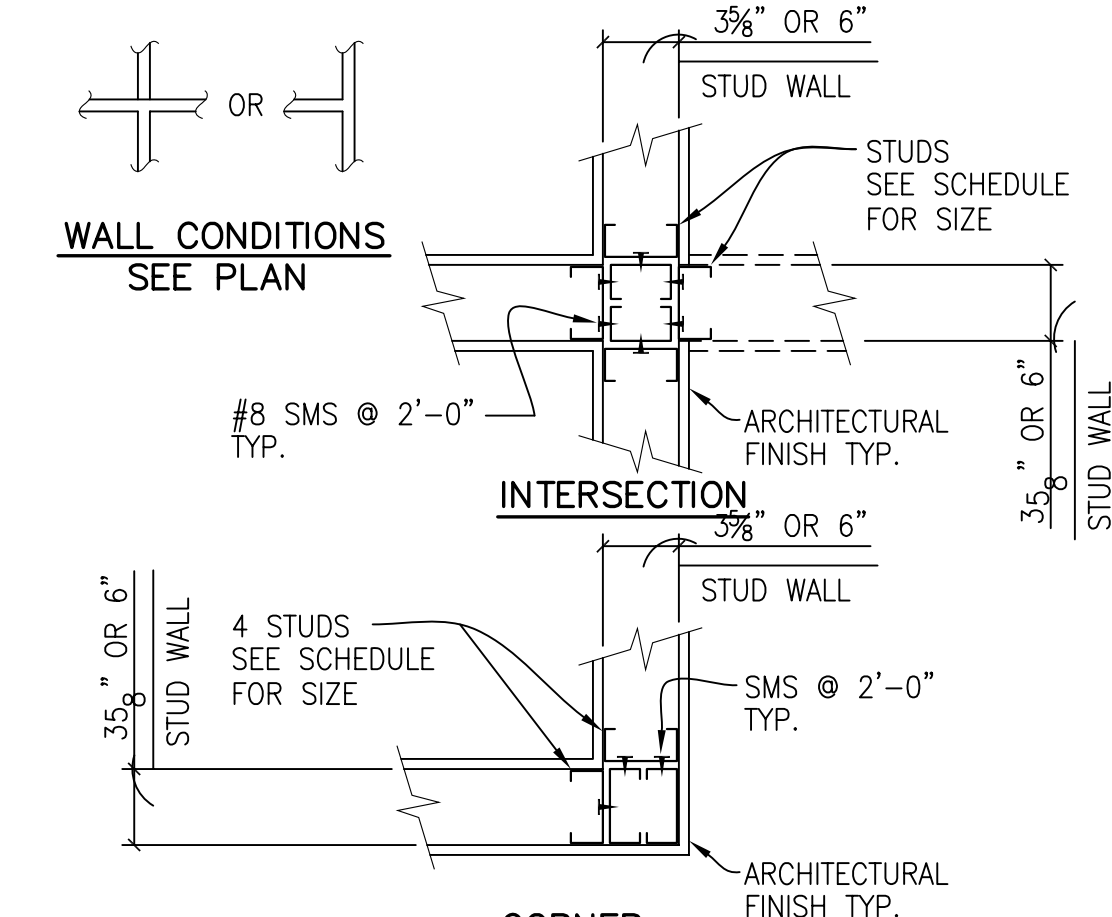
12 CEILING JOIST AT RESTROOMS

A8.01 ACCESS HATCH LOCATIONS 1 1/2" = 1'-0"



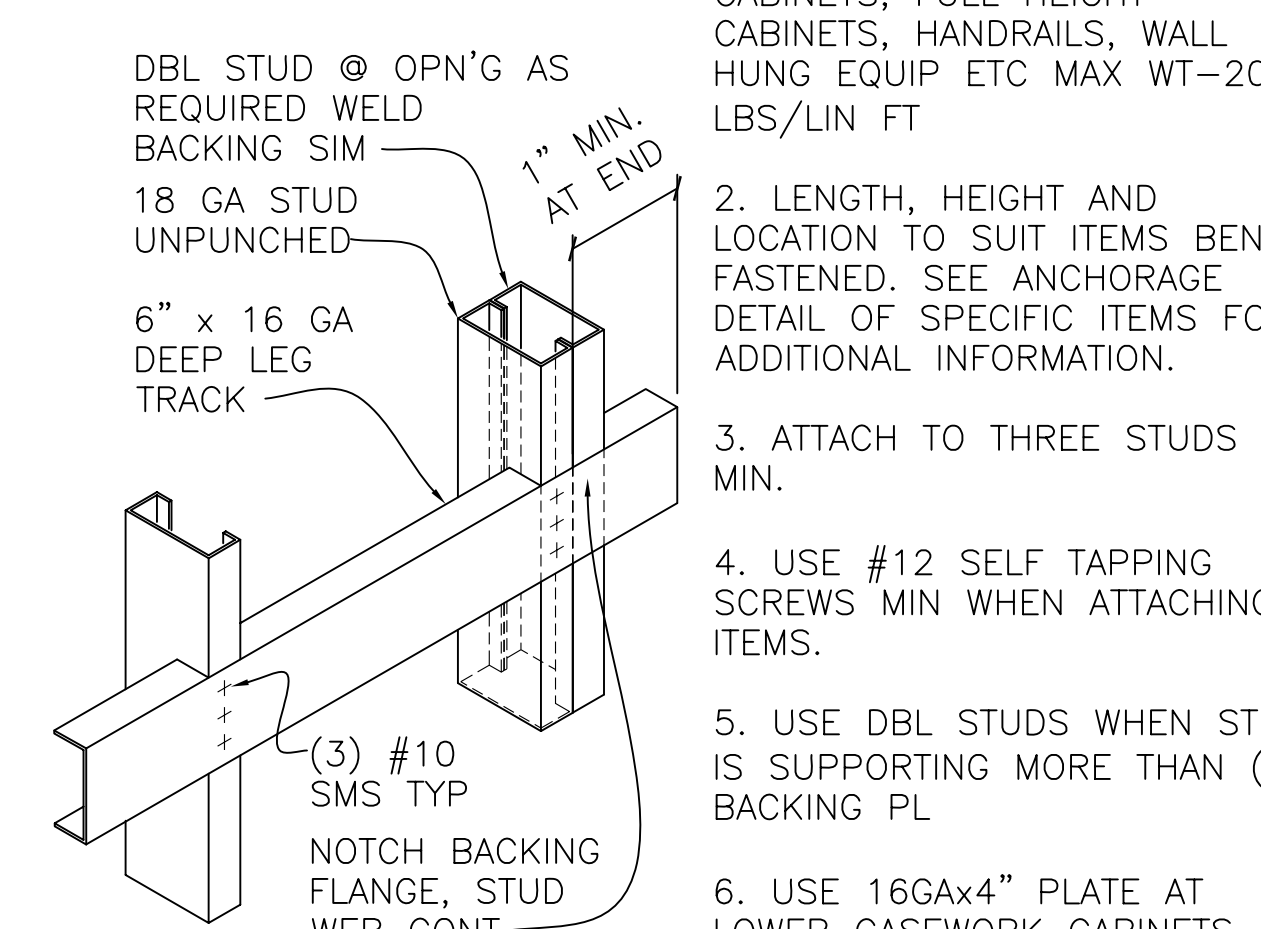
9 TYPICAL DOUBLE STUD STITCH DETAIL

A8.01 NTS



6 TYPICAL WALL PLAN DETAILS & WALL INTERSECTIONS

A8.01 NTS

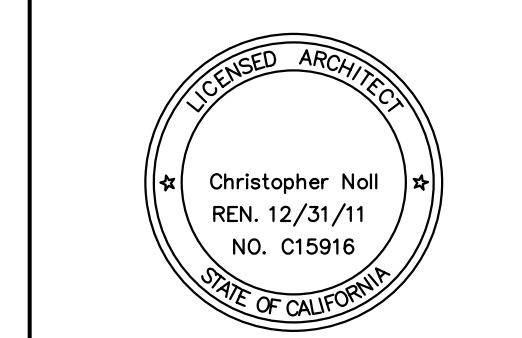


3 BACKING TYPE 2 MAX 200 LBS/LF LOAD

A8.01 NTS

- NOTES:**
1. USE FOR UPPER WALL HUNG CABINETS, FULL HEIGHT CABINETS, HANDRAILS, WALL HUNG EQUIP ETC MAX WT-200 LBS/LIN FT
 2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
 3. ATTACH TO THREE STUDS MIN.
 4. USE #12 SELF TAPPING SCREWS MIN WHEN ATTACHING ITEMS.
 5. USE DBL STUDS WHEN STUD IS SUPPORTING MORE THAN (3) BACKING PL
 6. USE 16GAx4" PLATE AT LOWER CASEWORK CABINETS.

CONSULTANTS



CONSTRUCTION DOCUMENTS

COLLEGE OF SAN MATEO
BUILDING 34
MODERNIZATION

SMCCCD
3401 CSM Drive
San Mateo, CA 94402
College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE
METAL STUD DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN JM
CHECKED MM
SCALE AS NOTED
N&T JOB NO.: 2901.4

SHEET NUMBER

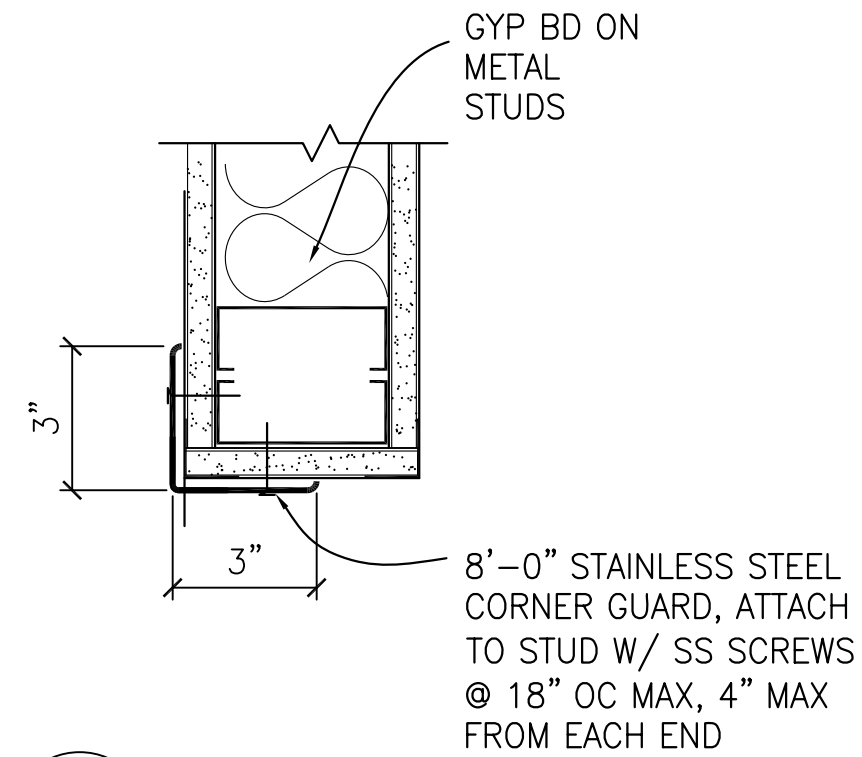
A8.01

PARTITION TYPES KEY

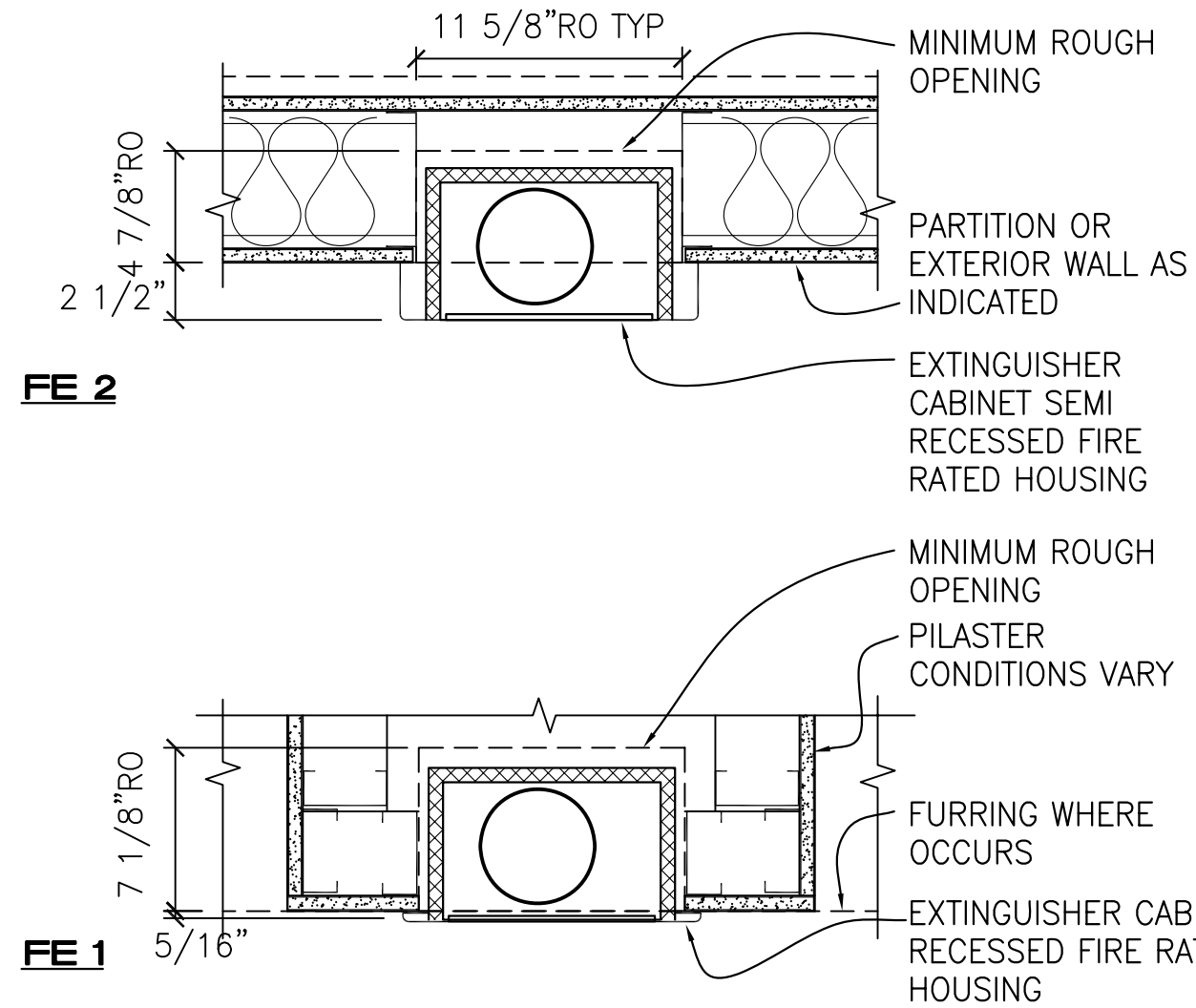
<p>(E) METAL FLANGE BRACE AT ±7'-6" AND ±12'-0" AFF METAL TOP TRACK 5/8" ACX PLYWD ROOM SIDE ON METAL STUDS 16" OC TYP</p>				<p>METAL STUDS TO TOP TRACK AT ROOF DECK METAL STUD BLOCKING AT 8'-0" AFF GSM CASING BEAD, PAINT 5/8" GYP BD EACH SIDE ON METAL STUDS 16" OC TYP (5/8" ACX PLYWOOD WHERE OCCURS) ACOUSTIC INSULATION</p>				<p>5/8" GYP BD ON METAL STUDS EA SIDE @ 16" OC TYP ACOUSTIC INSULATION GSM Z FLASHING AND 5/8" ACX PLYWOOD WHERE OCCURS, PAINT</p>			
<p>A3 PARTITION</p>				<p>A2 PARTITION</p>				<p>A1 PARTITION</p>			
FIRE	FR	SOUND	N/A	FIRE	FR	SOUND	N/A	FIRE	FR	SOUND	STC 39

PARTITION NOTES:

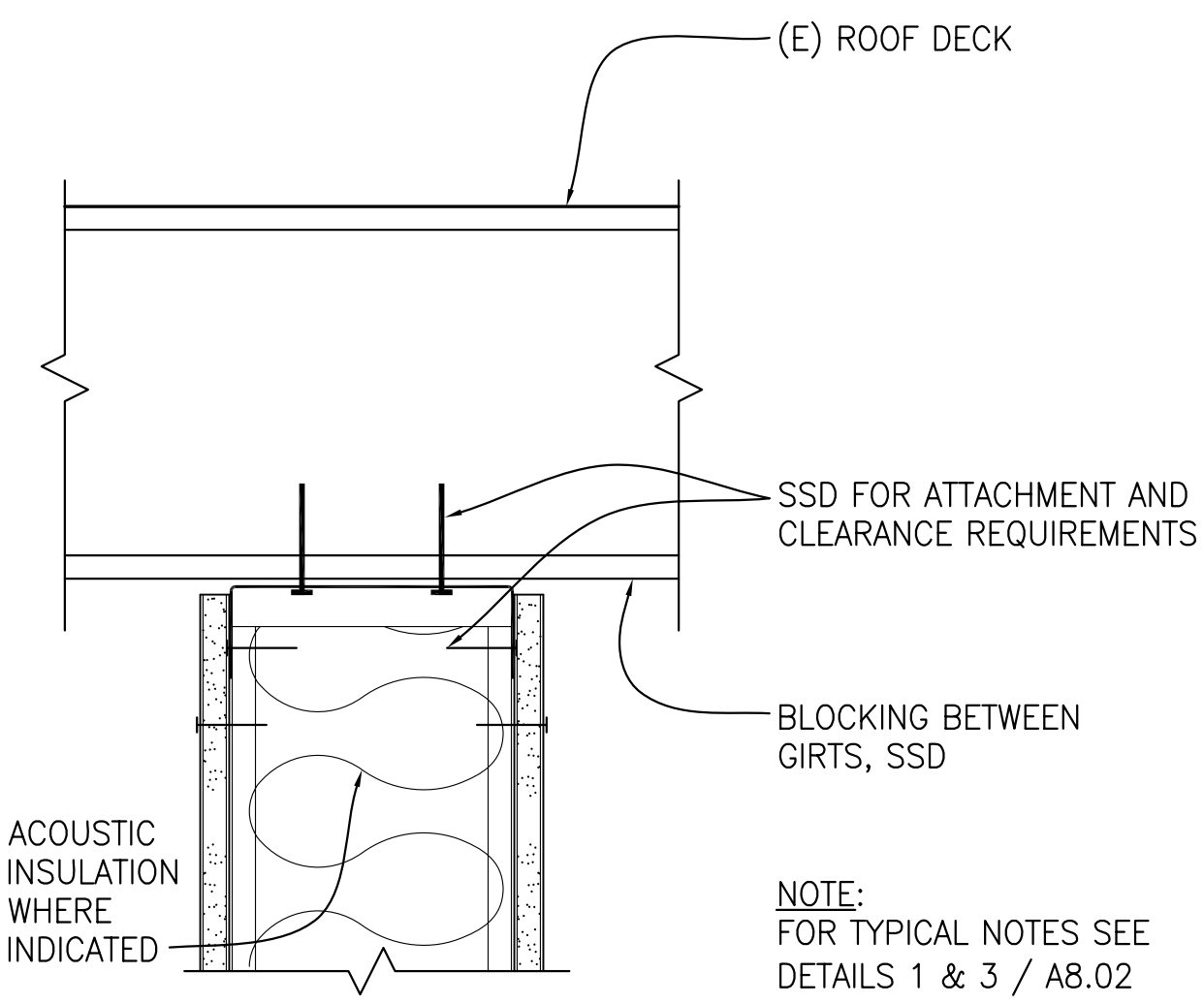
- REFER TO SHEET A8.00 & A8.01 FOR TYPICAL FRAMING DETAILS AND SCHEDULES
- PARTITION TYPES INDICATE HEAD CONDITIONS FOR PARTITIONS ATTACHED TO THE BOTTOM OF STRUCTURE ABOVE
- PROVIDE BACKING AS REQUIRED FOR WALL ATTACHED EQUIPMENT, CASEWORK, AND ACCESSORIES AS REQUIRED TO SUPPORT WEIGHT FOR FIRESTOPPING PER 3/A8.01, 5/A8.01 OR 8/A8.01
- PROVIDE BLOCKING AND STRAPS WHERE WALL FINISH OCCURS ONLY ONE SIDE OF STUDS OR WHERE NO FINISH OCCURS
- ALL GYP BOARD TO BE 5/8" TYPE X FOR ONE-HOUR FIRE RESISTIVE CONSTRUCTION THROUGHOUT INDICATED IN THE PARTITION TYPES KEY AS FR
- REFER TO SHEET A7.01 FOR PENETRATION REQUIREMENTS THROUGH RATED PARTITION ASSEMBLIES



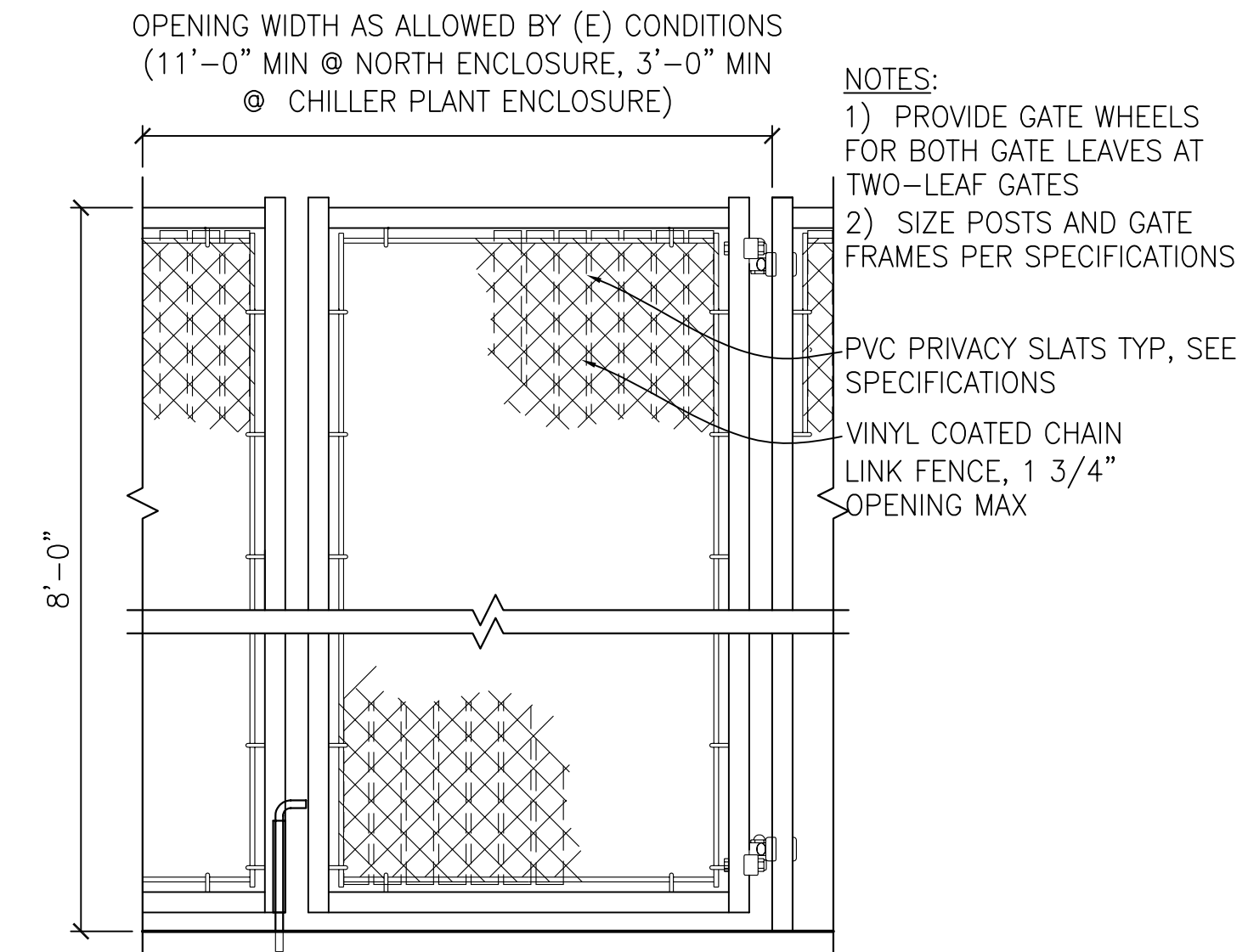
8 PLAN - CORNER GUARDS
A8.02 3"=1'-0"



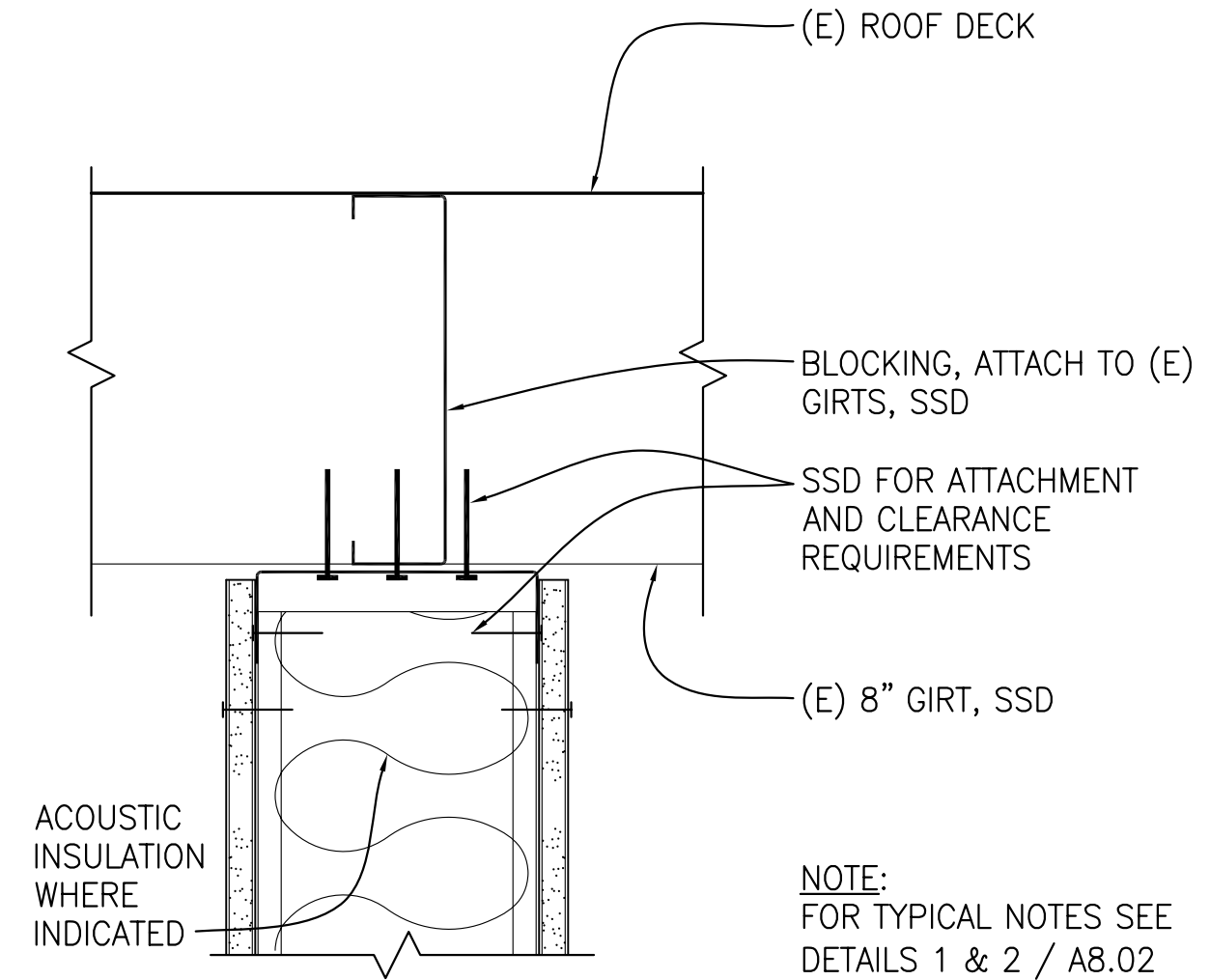
7 PLAN - FIRE EXTINGUISHER CABINET
A8.02 1 1/2"=1'-0"



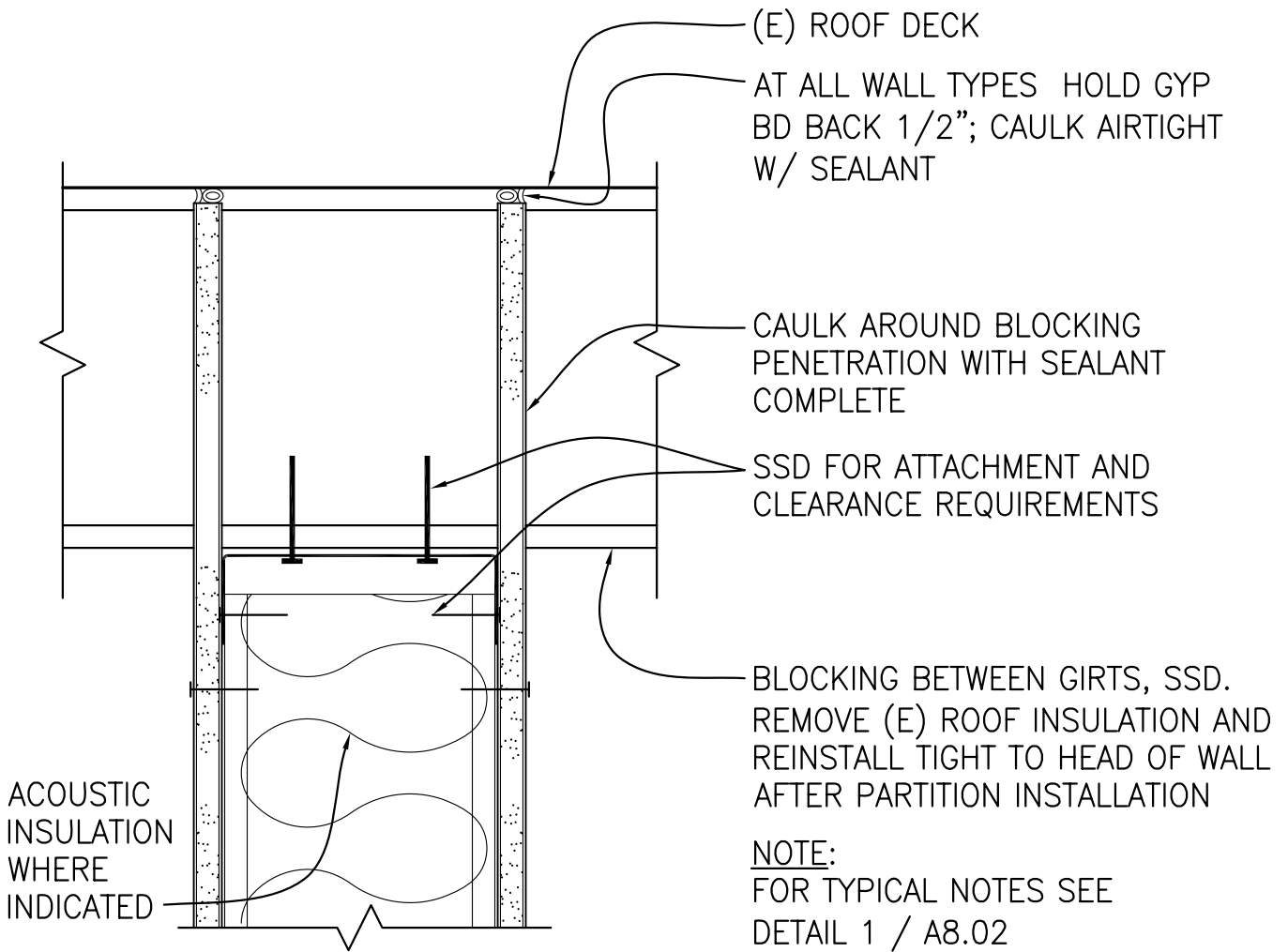
6 TOP TRACK - NON-RATED
A8.02 REFER TO WALL TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS 3"= 1'-0"



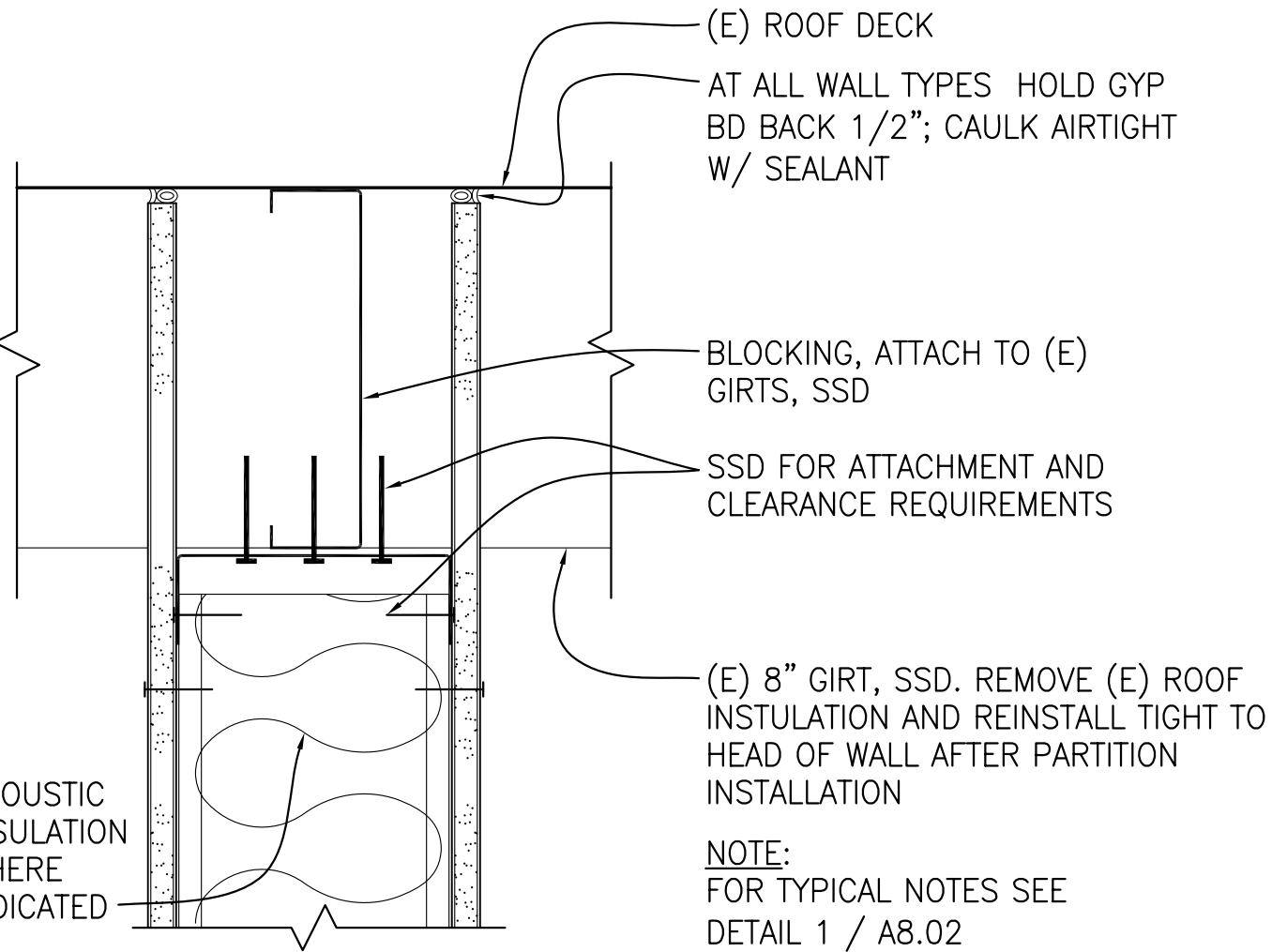
5 CHAIN LINK GATE AND FENCE
A8.02 3/4" = 1'-0"



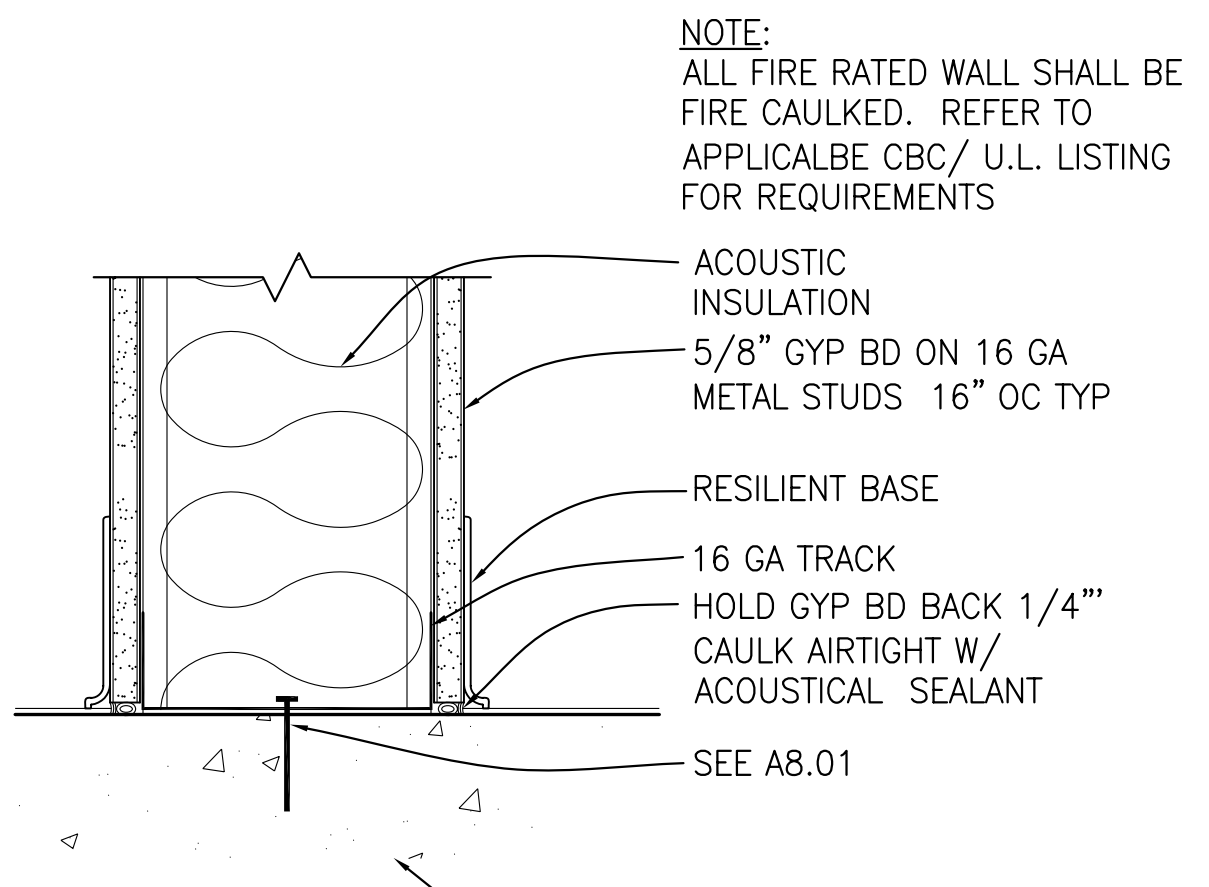
4 TOP TRACK - NON-RATED
A8.02 REFER TO WALL TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS 3"= 1'-0"



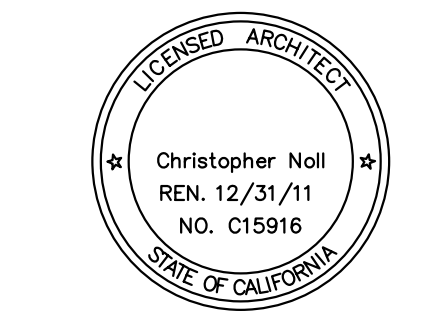
3 TOP TRACK - NON-RATED
A8.02 REFER TO WALL TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS 3"= 1'-0"



2 TOP TRACK - NON-RATED
A8.02 REFER TO WALL TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS 3"= 1'-0"



1 PARTITION BOTTOM TRACK
A8.02 REFER TO WALL TYPES SCHEDULE FOR ADDITIONAL REQUIREMENTS 3"= 1'-0"



CONSTRUCTION DOCUMENTS

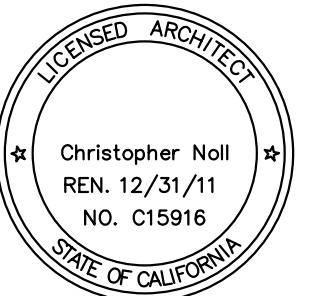
COLLEGE OF SAN MATEO
BUILDING 34
MODERNIZATION
SMCCCD
3401 CSM Drive
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College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE
PARTITION TYPES AND DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN CB
CHECKED JC
SCALE AS NOTED
N&T JOB NO.: 2901.4

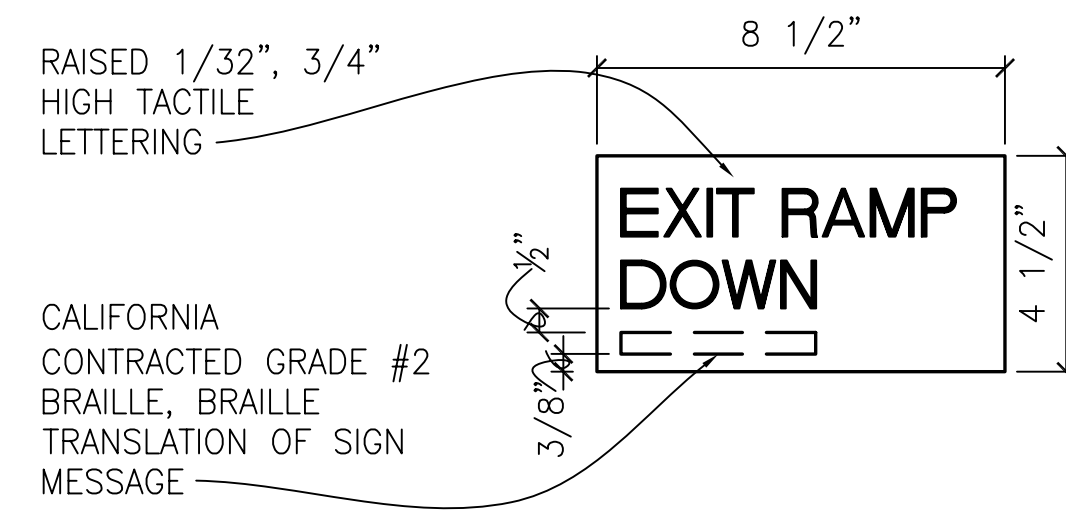
SHEET NUMBER
A8.02



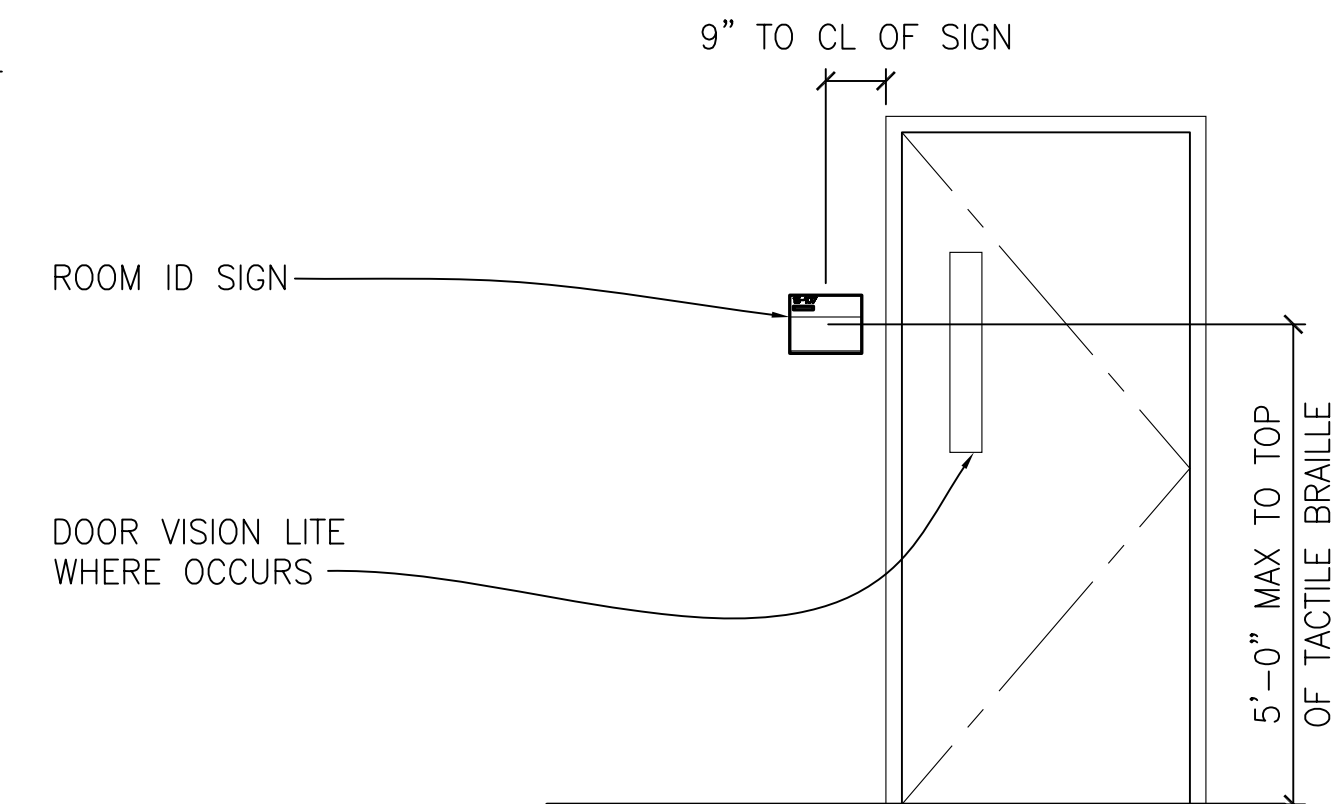
REVISIONS		
NO.	DATE	DESCRIPTION

DATE	MARCH 11, 2011
DRAWN	SW
CHECKED	MM
SCALE	AS NOTED
N&T JOB NO.:	2901.4

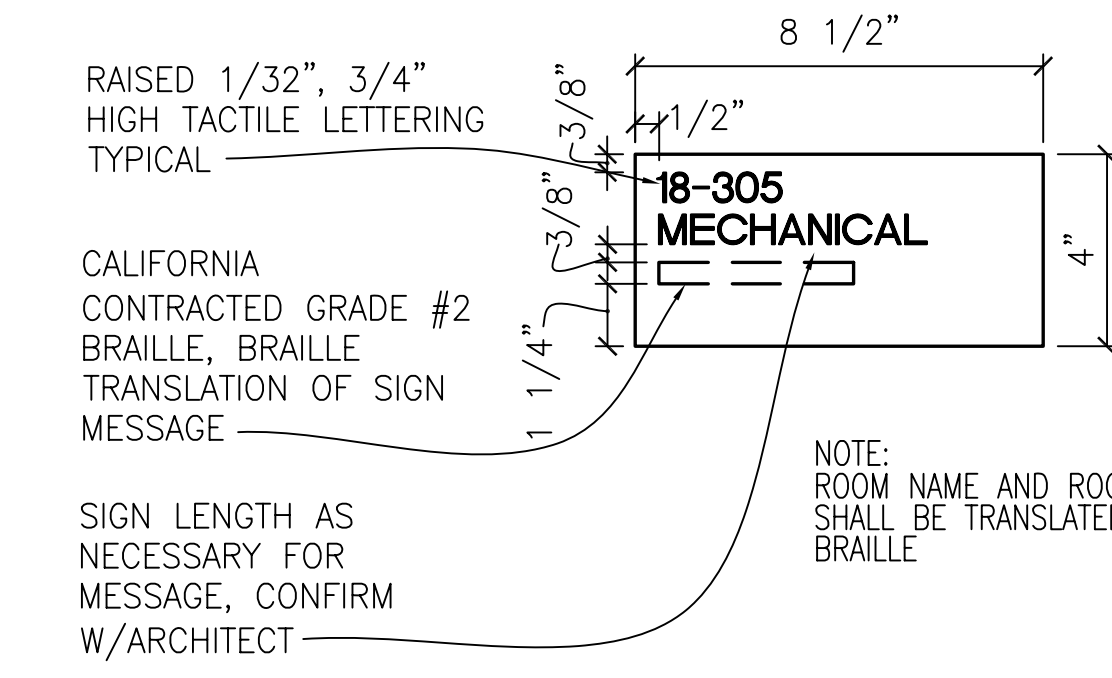
- NOTE:
- ALL SIGNS TO BE PMS COLOR 295, CSM BLUE, WITH WHITE LETTERING AND SYMBOLS, UON
 - SEE **A8.03** FOR TYPICAL SPACING FOR ALL SIGNS
 - ALL SIGNS TO HAVE THE FOLLOWING FONT TYPE:
FRUTIGER BOOK -UPPER CASE 0/1000 eTRACKING
 - ALL BRAILLE SHALL BE CALIFORNIA GRADE 2 BRAILLE RAISED 1/32" MINIMUM FROM PLAQUE SURFACE. ONLY DOMED BRAILLE SHALL BE ACCEPTABLE.



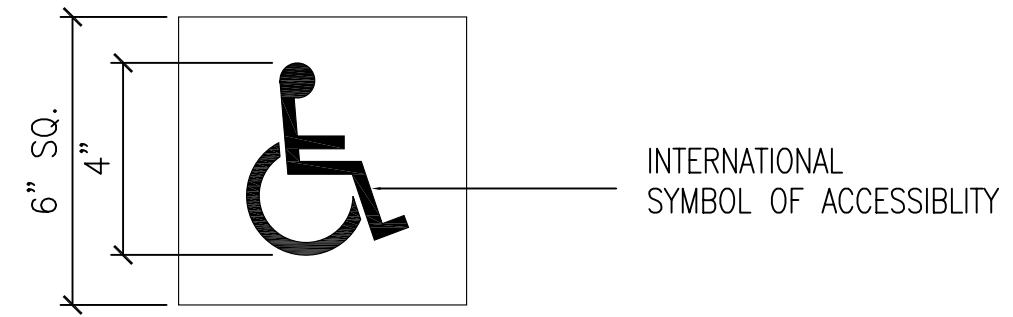
5 TACTILE EXIT SIGN
WALL MOUNTED 3" = 1'-0"



1 TYP OFFICE SIGN MOUNTING HEIGHTS
WALL MOUNTED 1/2" = 1'-0"



6 TYP ROOM IDENTIFICATION SIGN
WALL AND GLASS MOUNTED 3" = 1'-0"

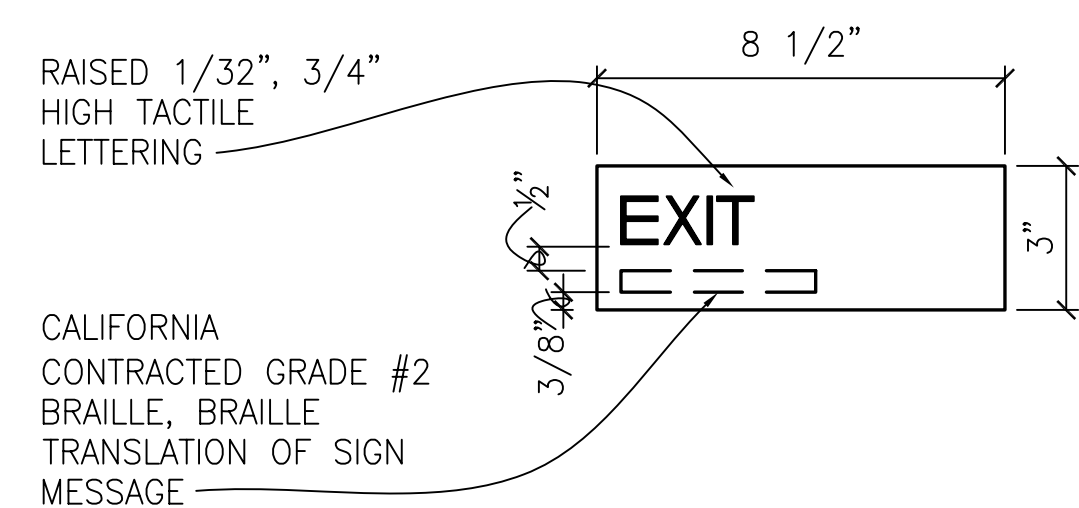


INTERNATIONAL SYMBOL OF ACCESSIBILITY

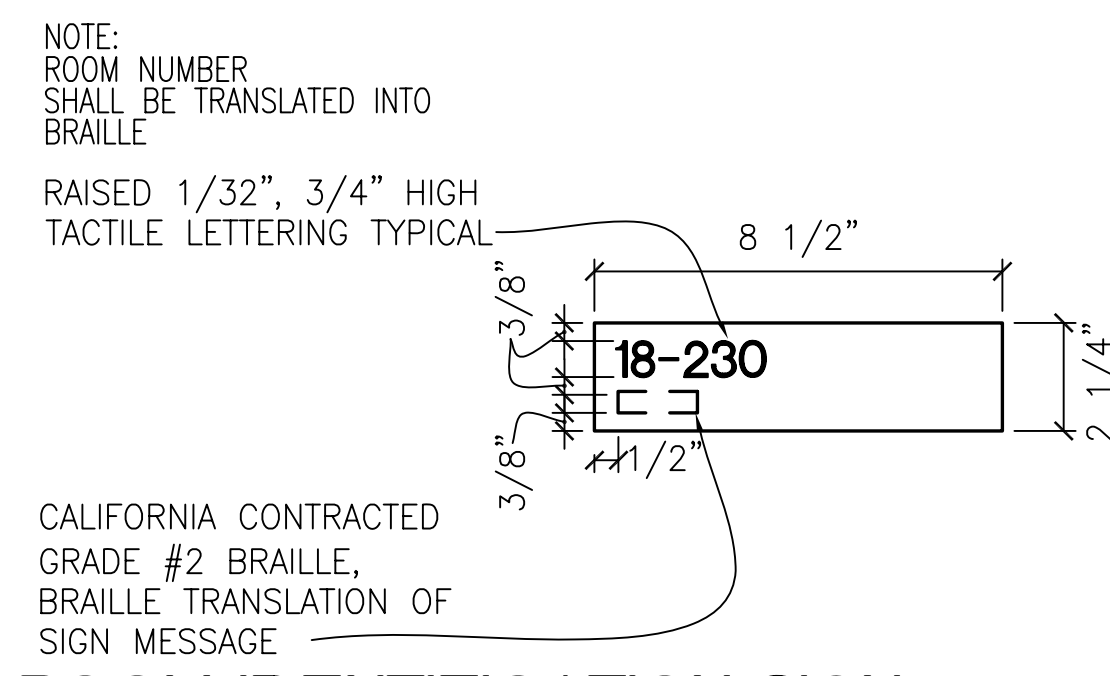
NOTES:
PANEL FINISH: 70% CONTRASTING COLOR
GRAPHIC METHOD: SCREEN PROCESS
GRAPHIC COLOR: BONE WHITE

MOUNT SIGN PROMINENTLY ON THE WALL AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN.

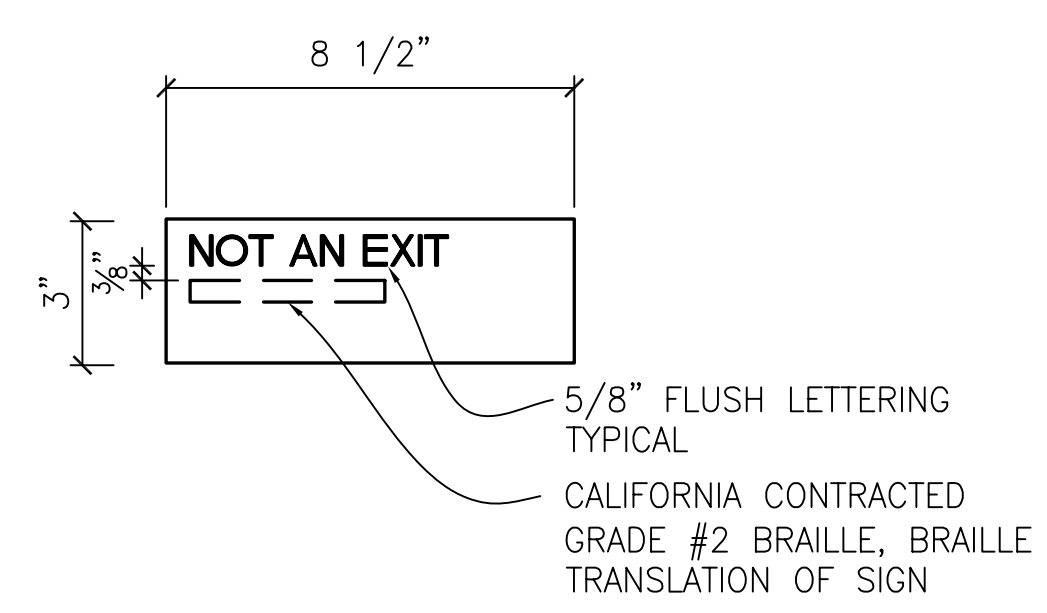
11 ACCESSIBLE ENTRANCE SIGN
WALL MOUNTED 3" = 1'-0"



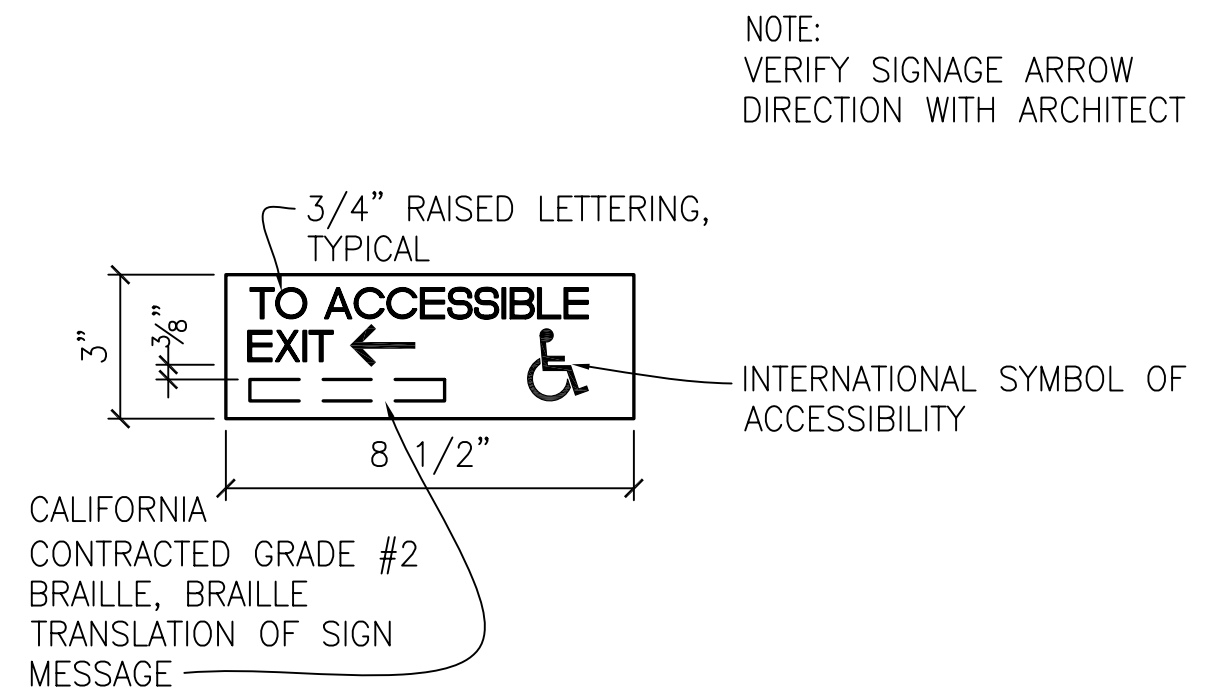
7 TACTILE EXIT SIGN
WALL MOUNTED 3" = 1'-0"



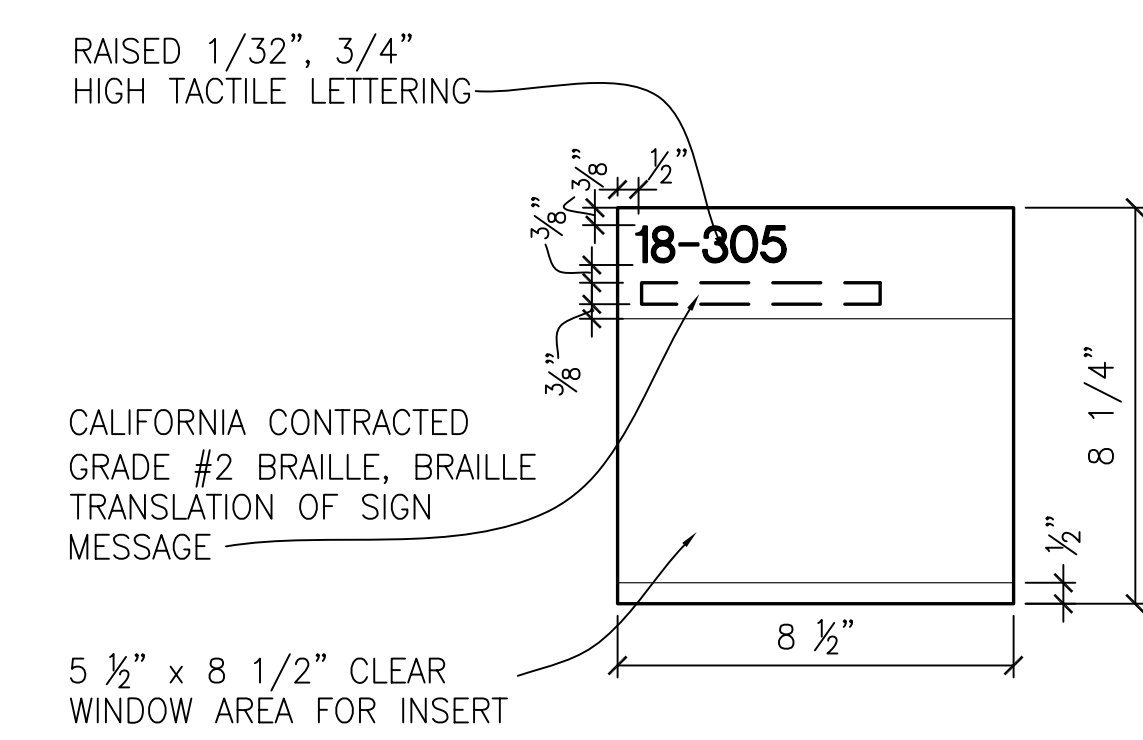
3 TYP ROOM IDENTIFICATION SIGN
WALL AND GLASS MOUNTED 3" = 1'-0"



12 EXIT CLARIFICATION SIGN
WALL MOUNTED 3" = 1'-0"



8 DIRECTIONAL SIGN
WALL MOUNTED 3" = 1'-0"



4 TYP ROOM IDENTIFICATION SIGN
WALL AND GLASS MOUNTED 3" = 1'-0"

ROOM FINISH KEY		
ITEM	MATERIAL	DESCRIPTION REFER TO SPECIFICATIONS FOR REQUIREMENTS
CG 1	3" CORNER GUARD	STAINLESS STEEL
CONC 1	CONCRETE	SEALER, COMPLY WITH SLIP RESISTANCE REQUIREMENTS
CONC 2	INTEGRAL COLOR CONCRETE, COLOR TBD	SEALER, COMPLY WITH SLIP RESISTANCE REQUIREMENTS
CPT A	TEXTURED LOOP CARPET	EXISTING BROADLOOM, PROTECT IN PLACE. EXPOSED EDGES TO BE TRIMMED AND FIRMLY ATTACHED TO FLOOR WITH EDGE STRIP ALONG PATHS OF TRAVEL, 1/2" MAXIMUM HEIGHT OF PILES
GB 0	EXISTING FINISH	PREPARE FOR PAINT
GB 1	5/8" TYPE X GYPSUM BOARD	TAPE AND SAND
GB 2	NOT USED	NOT USED
GB 3	5/8" TYPE X GYPSUM BOARD	LEVEL 3 FINISH
GB 4	5/8" TYPE X GYPSUM BOARD	LEVEL 4 FINISH
GB 5	5/8" TYPE X GYPSUM BOARD	LEVEL 5 FINISH
GB 6	5/8" TYPE X SILICONE IMPREGNATED GYPSUM BOARD	LEVEL 5 FINISH WHERE EXPOSED. TAPE AND SAND AT AREAS TO RECEIVE TILE OR FRP
GB 7	5/8" TYPE X WATER RESISTIVE GYPSUM BOARD	LEVEL 5 FINISH
PLY 1	5/8" ACX PLYWOOD	PREPARE FOR PAINT, PT 2 (SEMIGLOSS)
FRP 1	FRP WAINSCOT	
PT 1	PAINT EGGSHELL	COLOR AS SCHEDULED
PT 2	PAINT SEMIGLOSS	COLOR AS SCHEDULED
P1	PAINT	KELLY MOORE "OW-27 BONE"
EP1	PAINT	TBD
EP2	PAINT	KELLY MOORE "FAIR FIELDSTONE"
RES 1	4" RESILIENT TOP SET BASE	COLOR AS SPECIFIED
-	NOT APPLICABLE	

ROOM FINISH SCHEDULE													
NO.	ROOM	FLOOR	BASE	WALLS								WAINS-COT	REMARKS
				NORTH	COLOR	EAST	COLOR	SOUTH	COLOR	WEST	COLOR		
34-H01A	HALLWAY (ENTRY)	CONC 2	RES 1	GB 4 / PT 1 PLY 1 / PT 2	P1	PLY 1 / PT 2	P1	GB 0 / PT 1 PLY 1 / PT 2	P1	GB 0 / PT 1	P1	PLY 1	CG, SEE 1/A5.05 FOR LOCATIONS
34-H01B	HALLWAY (MEDIA)	CPT A	RES 1	-	-	PLY 1 / PT 2	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	PLY 1	CG, SEE 1/A5.05 FOR LOCATIONS
34-V01	VESTIBULE	CPT A	RES 1	GB 0 / PT 1	P1	-	-	PLY 1 / PT 2	P1	PLY 1 / PT 2	P1	PLY 1	
34-105	ELECTRICAL/ MDF	-	-	-	-	-	-	-	-	-	-	-	
34-110	APPARATUS STORAGE	CONC 2	RES 1	PLY 1 / PT 2	P1	GB 0 / PT 1 GB 0 / PT 2	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	-	-	PLY 1	
34-120	MAIL/ RECEIVING	CONC 2	RES 1	GB 4 / PT 1 PLY 1 / PT 2	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	PLY 1 / PT 2	P1	PLY 1	
34-130	IT SUPPORT MANAGER OFFICE	-	-	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	-	-	-	
34-131	(E) WET BREAKROOM	-	-	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	-	-	-	
34-132	(E) RESTROOM	-	-	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	-	
34-133	(E) MAINTENANCE CLOSET/ FIRE PANEL/ CUSTODIAL CLOSET/ RESTROOM	-	-	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	GB 0 / PT 1	P1	-	
34-133A	(E) CUSTODIAL	-	-	GB 0 / PT 1	P1	GB 0 / PT 1	P1	-	-	GB 0 / PT 1	P1	-	
34-134	MEDIA SERVICES	CPT A	-	PLY 1 / PT 2	P1	PLY 1 / PT 2	P1	-	-	PLY 1 / PT 2	P1	PLY 1	
34-135	SECURE STORAGE	CPT A	RES 1	GB 4 / PT 1 PLY 1 / PT 2	P1	PLY 1 / PT 2	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	PLY 1	
34-140	INFORMATION TECHNOLOGY	CPT A	RES 1	GB 0 / PT 1 GB 4 / PT 1 PLY 1 / PT 2	P1	GB 0 / PT 1 PLY 1 / PT 2	P1	GB 0 / PT 1	P1	GB 4 / PT 1 PLY 1 / PT 2	P1	PLY 1	
34-140A	(E) SECURE STORAGE	-	-	-	-	-	-	-	-	-	-	-	
34-151	(E) CHILLER PLANT	-	-	-	-	-	-	-	-	-	-	-	

GENERAL NOTES

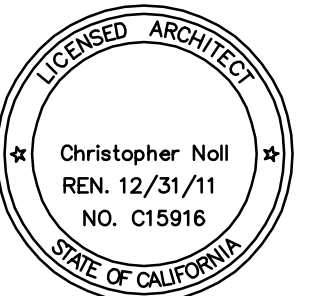
- INTERIOR FINISH PER CFC CHAPTER 8. INTERIOR WALL AND CEILING FINISH SHALL MEET THE REQUIREMENTS OF CFC TABLE 803.3 FOR A NON-SPRINKLERED BUILDING.
- CONTRACTOR SHALL NOT PREP FOR PAINT OR PAINT EXISTING PERIMETER BUILDING METAL SIDING OR EXISTING STEEL FRAMING EXCEPT AS DIRECTED BY DISTRICT.

ARCHITECT OF RECORD

noll & tam
architects and planners

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Berkeley, CA 94710
510.649.8295
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CONSULTANTS



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College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

**BUILDING 34-
FINISH SCHEDULE**

REVISIONS

NO.	DATE	DESCRIPTION

DATE MARCH 11, 2011
DRAWN CB
CHECKED MM
SCALE NA
N&T JOB NO.: 2901.4

SHEET NUMBER

A8.10

