

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\T.1 - Title Sheet.dwg, 3/7/2011 2:47:52 PM, PDF995

SUPERIOR COURT OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING IMPROVEMENTS

PHASE 1  
OCCM PROJECT NUMBER FY 39-09

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE MINIMUM STANDARDS OF THE FOLLOWING CODES:
  - CALIFORNIA BUILDING CODE, 2007 EDITION
  - CALIFORNIA PLUMBING CODE, 2007 EDITION
  - CALIFORNIA MECHANICAL CODE, 2007 EDITION
  - CALIFORNIA ELECTRICAL CODE, 2007 EDITION
  - CALIFORNIA CODE OF REGULATIONS TITLE 24
  - AMERICANS WITH DISABILITIES ACT
  - ALL ACCUMULATIVE SUPPLEMENTS TO THE ABOVE CODES
  - ALL APPLICABLE STANDARDS, ORDINANCES AND REGULATIONS OF THE AGENCIES WITH JURISDICTION OVER THE WORK
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS FOR DIMENSION, GRADE, CONFIGURATION, AND OTHER ASPECTS OF COMPATIBILITY WITH THE WORK DESCRIBED IN THESE CONSTRUCTION DOCUMENTS. ANY CONDITIONS WHICH INTERFERE WITH THE WORK SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE WORK SHALL NOT PROCEED IN THE AREAS OF CONFLICT UNTIL SUCH CONFLICTS HAVE BEEN RESOLVED.
- THE DESIGN PRECLUDES THE USE OR STORAGE OF HAZARDOUS MATERIALS IN EXCESS OF THE QUANTITIES LISTED IN UBC TABLE 3D AND 3E.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER DRAWING SCALE OR PROPORTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF A COMPLETE FIRE SUPPRESSION SYSTEM IN ALL AREAS; TO MEET THE STANDARDS OF NFPA NFPA 13 FOR COMMON AREAS, NFPA 13R FOR RESIDENTIAL AREAS) AND STATE FIRE MARSHAL POLICIES. A SEPARATE FIRE SPRINKLER PERMIT AND PLAN APPROVAL SHALL BE OBTAINED FROM THE STATE FIRE MARSHAL PRIOR TO INSTALLATION OF THE FIRE SPRINKLER SYSTEM. SPRINKLER HEAD PLACEMENT SHALL ONLY BE AS APPROVED BY THE ARCHITECT AND THE SAN LUIS OBISPO FIRE DEPARTMENT.
- THE FIRE SPRINKLER SYSTEM SHALL BE SUPERVISED FOR WATER FLOW AND TAMPER BY AN APPROVED CENTRAL, PROPRIETARY OR REMOTE STATION SERVICE, AND SHALL BE PROVIDED WITH LOCAL ALARMS WHICH WILL ISSUE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION. ALL WORK SHALL BE DONE BY A CALIFORNIA LICENSED ALARM CONTRACTOR.
- FIRE EXTINGUISHERS SHALL TYPE 2A10BC AND SHALL BE LOCATED AS APPROVED BY THE STATE FIRE MARSHAL, NO MORE THAN 60 INCHES AND NO LESS THAN 4 INCHES ABOVE THE FINISHED FLOOR, AND AT AN INTERVAL OF NO FURTHER THAN 75 FEET OF TRAVEL.
- ENCROACHMENT PERMITS SHALL BE OBTAINED FROM THE MANTECA PUBLIC WORKS DEPARTMENT FOR ANY CONSTRUCTION ACTIVITIES WITHIN THE PUBLIC RIGHT-OF-WAY, BARRICADES, SIGNAGE, AND PROTECTIVE DEVICES SHALL BE AS REQUIRED BY THE CITY.
- A COMPLETE AND OPERABLE FIRE ALARM SYSTEM SHALL BE PROVIDED, INCLUDING BUT NOT LIMITED TO SMOKE AND/OR HEAT DETECTORS, MANUAL PULL STATIONS, FIRE ALARM CONTROL PANE, GRAPHIC ANNUNCIATOR, FIRE SUPPRESSION SPRINKLER SYSTEM CONNECTIONS, AUDIBLE AND VISUAL ALARM DEVICES, WIRING, ACCESSORIES, AND CONNECTION TO BUILDING POWER. ALL COMPONENTS SHALL COMPLY WITH STATE FIRE MARSHAL AND NFPA 72 (2002 EDITION) REQUIREMENTS, AND BE U.L.APPROVED.

DEFERRED APPROVAL ITEMS  
SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE DELIVERED TO THE ARCHITECT OR ENGINEER OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE WORK. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVE BY THE CHIEF BUILDING OFFICIAL, CITY ENGINEER, OR FIRE CHIEF, AS APPROPRIATE. DEFERRED SUBMITTAL ITEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO:

- FIRE SUPPRESSION SPRINKLER AND STANDPIPE SYSTEM CALCULATIONS, SHOP DRAWINGS AND PRODUCT DATA
- FIRE ALARM SYSTEM CALCULATIONS, SHOP DRAWINGS AND PRODUCT DATA

PROJECT DATA

PROJECT DESCRIPTION:	Demolition of public ramp, sally port, and interior walls. Relocation of modular office building. Remodel of public lobby and installation of storefront infill to increase lobby floor area by 215 s.f. Addition of 664 s.f. including (3) holding cells and a secure sally port entrance.
ADDRESS:	315 E Center St. Manteca, CA 95336
APN:	223-093-020
SITE AREA:	39,435 S.F.
EXISTING BUILDING AREA:	7,189 S.F.
AREA OF REMODELING IN EXISTING BUILDING:	989 S.F.
AREA OF ADDITIONS TO EXISTING BUILDING:	882 S.F.
CBC CONSTRUCTION TYPE:	TYPE V A
CBC OCCUPANCY:	B (OFFICE), A-3 (ASSEMBLY), I-3 (HOLDING)
CBC OCCUPANT LOAD:	(E) COURTROOM (ACTUAL): 106 (E) HOLDING CELLS (ACTUAL): 41 (E) OFFICE, SUPPORT: 4,954/100 = 50 (N) LOBBY ADDITION: 218/100 = 3 (N) HOLDING CELLS (ACTUAL): 25 TOTAL: 225

FIRE SAFETY REQUIREMENTS

- ALL HYDRANTS MUST BE INSTALLED AND IN OPERABLE CONDITION PRIOR TO STARTING ANY COMBUSTIBLE CONSTRUCTION.
- FIRE PROTECTION EQUIPMENT AND SYSTEMS SHALL BE INSTALLED AND MAINTAINED DURING CONSTRUCTION/DEMOLITION, IN ACCORDANCE WITH CHAPTER 14, CALIFORNIA FIRE CODE..
- ANY PERSON USING A TORCH OR OTHER FLAME-PRODUCING DEVICE FOR SWEATING PIPE JOINTS FROM OR IN ANY BUILDING OR STRUCTURE SHALL PROVIDE ONE APPROVED FIRE EXTINGUISHER ON THE PREMISES WHERE SAID BURNING OPERATION IS PERFORMED. COMBUSTIBLE MATERIAL IN THE CLOSE PROXIMITY OF OPEN FLAME SHALL BE PROTECTED AGAINST IGNITION BY SHIELDING, WETTING OR OTHER MEANS. IN ALL CASES, A FIRE WATCH SHALL BE MAINTAINED IN THE VICINITY OF THE OPERATION FOR ONE-HALF HOUR AFTER THE TORCH OR FLAME-PRODUCING DEVICE HAS BEEN USED.
- EXIT OBSTRUCTIONS, INCLUDING STORAGE, SHALL NOT BE PLACED IN THE REQUIRED WIDTH OF AN EXIT, EXCEPT PROJECTIONS AS PERMITTED BY THE BUILDING CODE.

REQUIRED SPECIAL INSPECTIONS

REFER TO SHEET S1.0 FOR SPECIAL INSPECTION REQUIREMENTS

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DIRECTORY

OWNER:  
SUPERIOR COURT OF CALIFORNIA  
JUDICIAL COUNCIL OF CALIFORNIA,  
ADMINISTRATIVE OFFICE OF THE COURTS  
OFFICE OF COURTS CONSTRUCTION  
AND MANAGEMENT  
2860 GATEWAY OAKS DRIVE  
SACRAMENTO, CA 95833  
T: 916-643-8009 F: 916-263-2342  
www.courtinfo.ca.gov

CONTRACTOR:  
CHAMBLIN-LANDES CONSTRUCTION INC.  
1345 RIVERSIDE AVENUE  
PASO ROBLES, CA 93446  
T: 805-239-0490 F: 805-239-0797  
mlandes@chamblin-landes.com

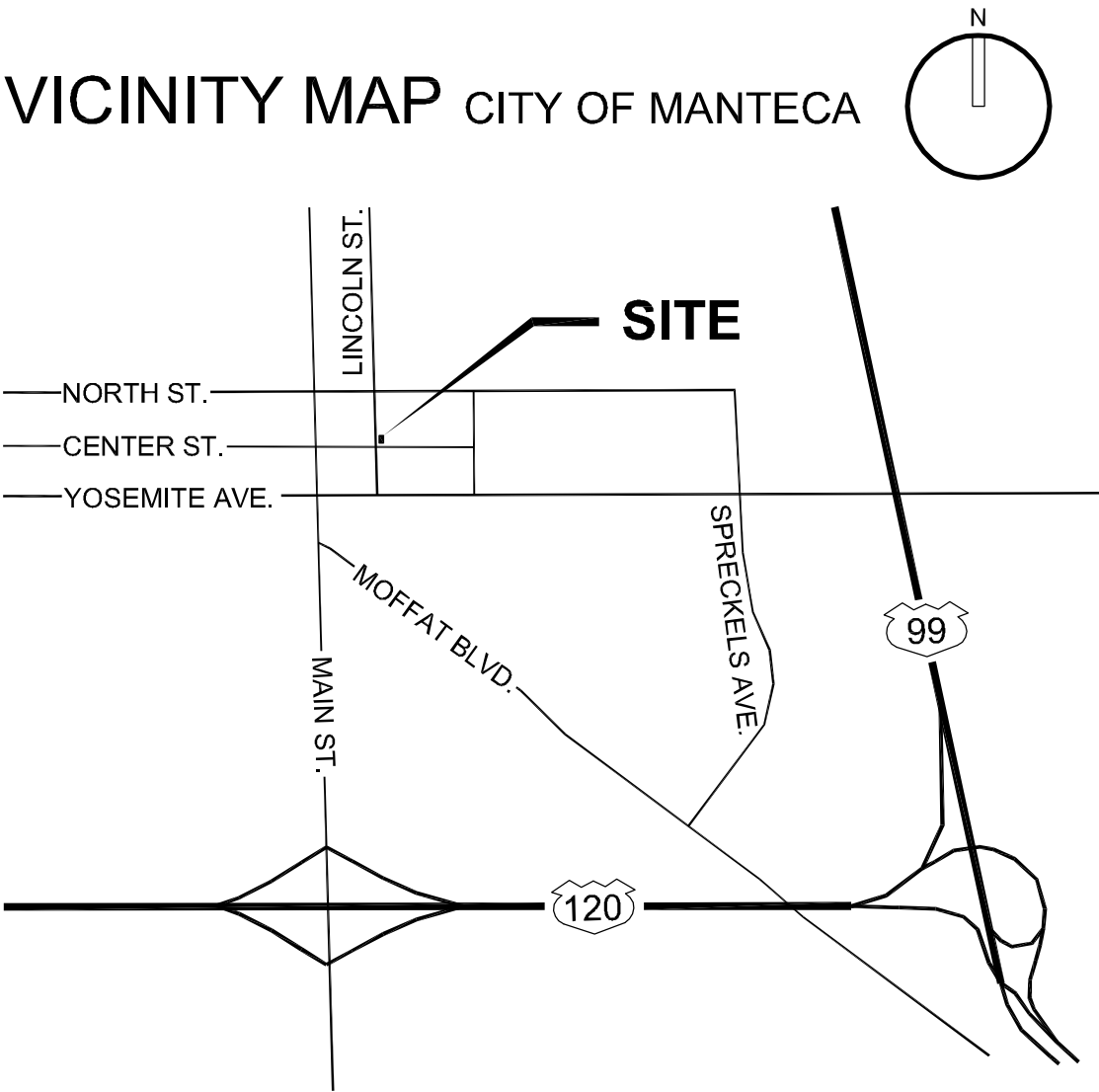
ARCHITECT:  
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SAN LUIS OBISPO, CA 93401  
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T: 805-544-9173 F: 805-543-2830  
mep@lampsmith.com

MECHANICAL ENGINEER:  
JVA MECHANICAL ENGINEERING  
979 OSOS STREET  
SAN LUIS OBISPO, CA 93401  
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tyler@jvamech.com

CIVIL ENGINEER:  
KEITH V. CROWE, P.E.  
P.O. BOX 832  
ATASCADERO, CA 93423  
T: 805-464-0975 F: 805-464-0978  
kwcrowe@charter.net

VICINITY MAP CITY OF MANTECA



PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

PHASE 1

CLIENT JOB # ARCHITECT JOB #  
1007



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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

SIGNED

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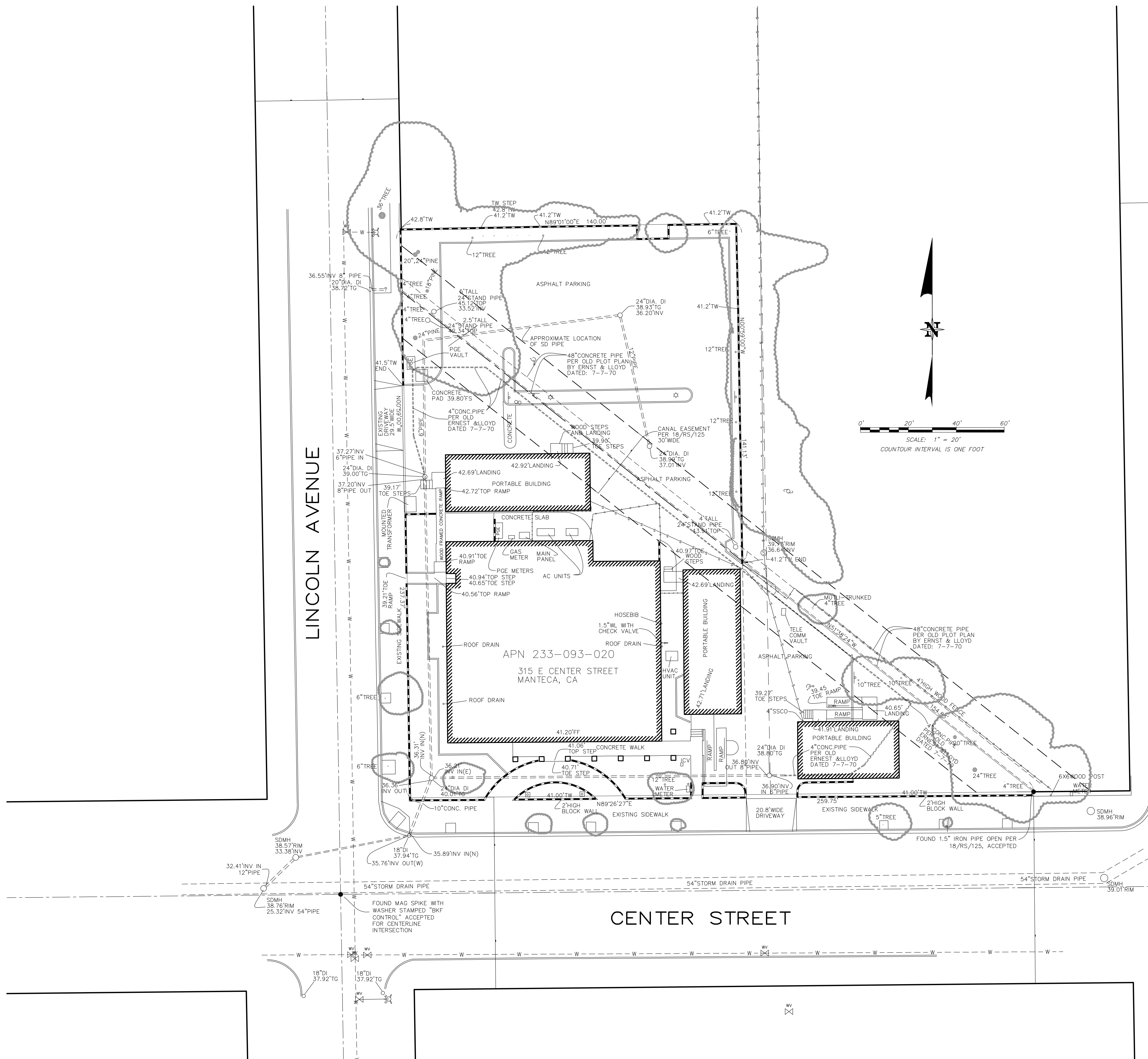
Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and existing conditions on the job and shall report any discrepancies to the architect for resolution prior to commencing work.

SHEET TITLE

TITLE SHEET

SHEET #

T.1

[illegible]

ABBREVIATIONS			
AC	ASPH-AGT CONCRETE	IP	IFON PIPE
AP	ARG. POINT	GP	GRADE PPEAK
EM	EMERG. MARK	GM	GAZ METER
EDG	EDGE LINDG	HP	HIGH POINT
FCW	FLOW RATE OF W/A	T	TOE
CR	CATCH BASIN	MP	MARK-ONE
CF	CURFACE	SP	SPREAD POLE
CO	CORNER CUT	PC	PERMANENT PIPE
CO	CORNER	PP	PPEAK
CO	CORNER	PCP	PERMANENT CONCRETE PIPE
CONC	CONCRETE	P-C	CARCON, PAVLS
CHP	CHOP-GATED META. PIPE	SC	STEEL CORNER
CH	CONCRETE MANHOLE INT.	SP	SPREAD POLE
CM	CROWN OF STREET	SS	SEWER
DI	DIPO HLT	STP	STREET
EG	EXISTING GRADE	STP	STAIRS
EP	EDGE OF PAVEMENT	TOP	TOP OF SLOPE
FO	FOUND	TOT	TOP OF SLOPE
F	FLOW RATE	TW	TWO
F	FINISH FLOW	W	WATER
FCW	FLOW RATE OF W/A	WM	WATER
MS	MUSE COF	WM	WATER METER
GF	GRASS	WN	WATER VANE
GM	GAZ METER		
IP	IFON PIPE	DI-0.5P	TOP OF GRATE - 0.5' FLOW IN

SURVEYOR'S STATEMENT:

THIS MAP REPRESENTS A FIELD SURVEY OF  
SURFACE FEATURES AND ELEVATIONS  
PERFORMED ON JANUARY 10TH AND 11TH  
OF 2003.

2-9-2011

NICHOLAS D. PASQUINI, PLS 7618 DATE \_\_\_\_\_  
SURVEYOR'S NOTES:  
1. NO TITLE SEARCH (TITLE REPORT) WAS PROVIDED TO THE  
SURVEYOR. EASEMENTS WHICH MAY AFFECT THE SUBJECT PROPERTY  
HAVE NOT BEEN PLOTTED.

2. ONLY THE SURFACE EVIDENCE OF UNDERGROUND UTILITIES HAVE BEEN MEASURED IN THE FIELD ON THIS SURVEY. IF APPROPRIATE, UNDERGROUND ALIGNMENTS ARE SHOWN, I HAVE NO WARRANTIES AS TO THE ACTUAL LOCATION, TYPE OR DEPTH OF THESE UNDERGROUND UTILITIES. CALIFORNIA UNDERGROUND SERVICE, A EST. 1941 AT 142-2444 TO VERIFY ACTUAL LOCATION OF UTILITIES PRIOR TO ANY EXCAVATION. THIS SERVICE ALSO HAS MADE NO INVESTIGATION AS TO SURFACE ENVIRONMENTAL CONDITIONS THAT WOULD AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY.

3. IT WILL BE THE ARCHITECT'S RESPONSIBILITY TO VERIFY SETBACK AND HEIGHT RESTRICTIONS WITH THE LOCAL GOVERNING AGENCY.

4. THE SIGNED AND SEALED ORIGINAL DRAWING OF THIS MAP CONSTITUTES THE FINAL WORK PRODUCT. MRS. AND SURVEYS WILL NOT BE LIABLE FOR ELECTRONIC VERSIONS OF THIS MAP PROVIDED TO OTHER PARTIES.

5. THE BOUNDARY LINES SHOWN HEREON WERE COMPILED FROM RECORD INFORMATION, I.e. RECORDED MAPS OF DEEDS AND ARE NOT INTENDED TO REPRESENT THE TRUE OR ACTUAL BOUNDARY LINES OF THE ACT PARTLY. IT IS ESTIMATED THAT ACTUAL BOUNDARY LINES OF THE PARCELS WILL BE FOUND TO BE CLOSE TO THOSE SHOWN. THE SETTING OF PROPERTY MONUMENTS AND THE PLACING OF A CORNER RECORD OF RECORDS SHOWN IN CONFORMANCE WITH STATE LAW, ACT 1972, AS AMENDED, WILL BE THE RESPONSIBILITY OF THE BOUNDARY SURVEYOR TO BE EMPLOYED TO LOCATE AND SET THE CORNER RECORDS. MONUMENTS, MARKS, OR SETTING OF CORNER RECORDS, SHALL BE DEEMED AS LOCATING THE FINISHED WORK. CORNER POINT WHICH IS PLOTTED AT THE SCALE INDICATED, HOWEVER, DIMENSIONAL TIES BETWEEN CORNER POINTS SHALL BE USED TO LOCATE CORNER POINTS. ALL LOCATIONS ARE APPROXIMATE AND CANNOT BE FIELD RUN FOR DETERMINING BOUNDARY SETBACKS OF THE PLACEMENT OF ANY PROPOSED NEW CONSTRUCTION. THE LOCATION OF NEW CONSTRUCTION CAN ONLY BE FIELD RUN DETERMINED BY A SURVEYOR TO BE EMPLOYED TO LOCATE AND SET CORNER RECORDS OF THE PARCELS. OTHERWISE, MODIFICATIONS TO THE SET-OUT MAY BE NECESSARY DURING CONSTRUCTION TO COMPLY WITH AGENCY SETBACK REQUIREMENTS.

BENCH MARK:  
LOS BENCH MARK DESIGNATION = 083  
PID = #30209  
BEING AN REASSAY DISK STAMPED TO BE "300 38.474" SET IN  
BUILDING STEPS OF THE REGION HALL ON YOSEMITE AVENUE LOCATED  
0.3 MILE EAST OF THE CROSSING OF THE SOUTH-FORK PACIFIC  
RAILROAD WITH YOSEMITE AVENUE.  
ELEVATION = 40.38 MARS

BASIS OF BEARINGS  
THE BASIS OF BEARINGS FOR THIS PROJECT IS BASED ON FOUND  
MONUMENTS ALONG THE CENTERLINE OF LINCOLN AVENUE.  
BEARING N 00° 55' 00" W REF 3/MAPS/25.

SITE DATA:  
ADDRESS: 310 E CENTER STREET, MAITECA, CA  
ASSESSOR'S PARCEL NO. APN 233-043-020

TOPOGRAPHIC MAP

OF A PORTION OF BLOCK 3 OF OF THE MAP OF THE PARK ADDITION  
TO THE TOWN OF MANTECA CA AS SHOWN ON MAP FILED IN BOOK 9  
OF MAPS AT PAGE 28, IN THE CITY OF MANTECA, COUNTY OF SAN  
JOAQUIN, CALIFORNIA

AT THE REQUEST OF ROB CARNES

FEBRUARY 9 2011 SCALE: 1"=20'

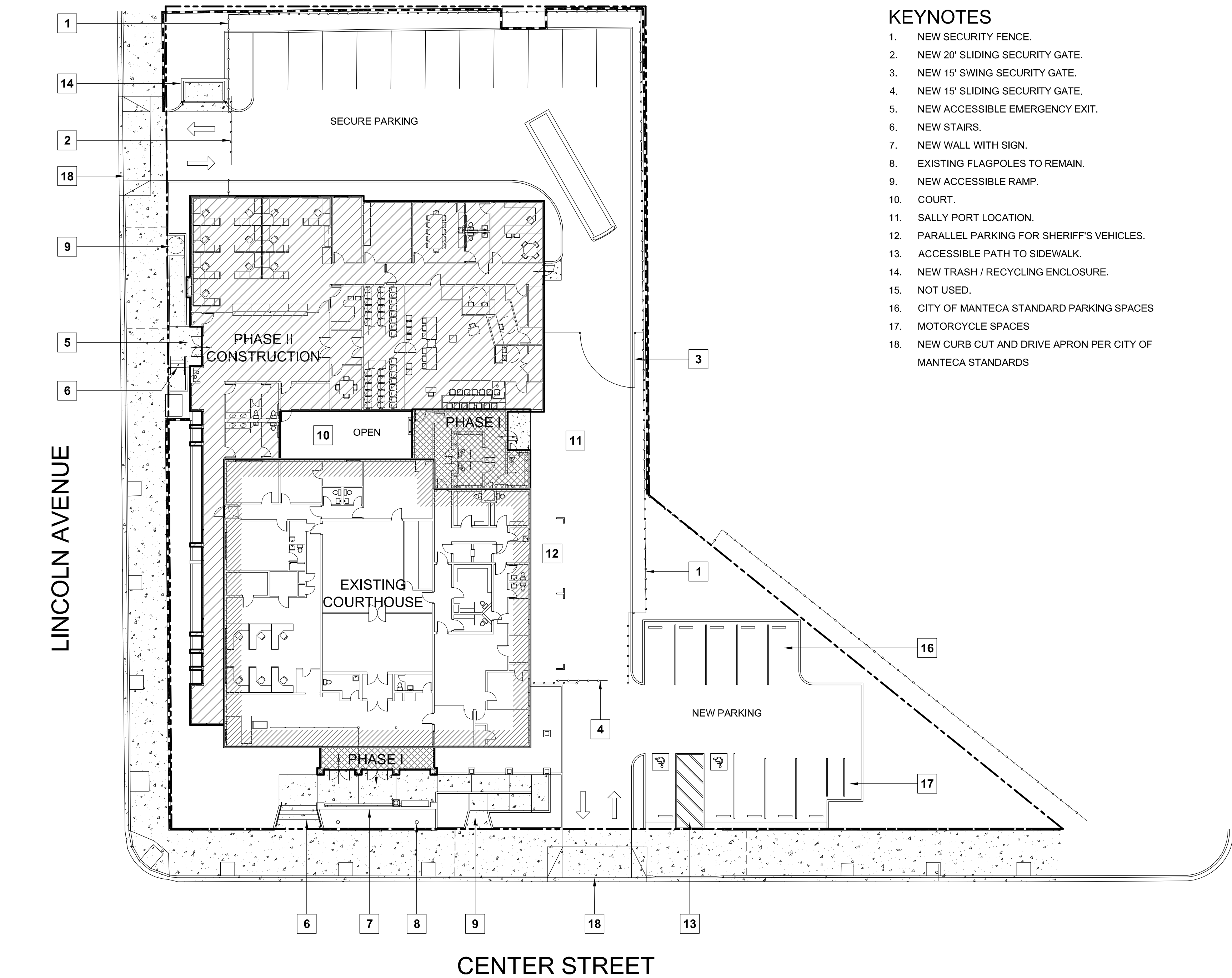
**MBS**  
LAND SURVEYS

MICHAEL B. STANTON, PLS 5702  
2146 PARKER STREET, SUITE A-1  
SAN LAUIS OBISPO, CA 93401  
805-594-1960

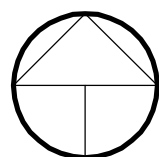
JOB No. 10-139

T 2

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I\T.3 - Phase I and Phase II Composite Reference Site Plan.dwg, 3/23/2011 11:18:01 AM, PDF995



- KEYNOTES**
1. NEW SECURITY FENCE.
  2. NEW 20' SLIDING SECURITY GATE.
  3. NEW 15' SWING SECURITY GATE.
  4. NEW 15' SLIDING SECURITY GATE.
  5. NEW ACCESSIBLE EMERGENCY EXIT.
  6. NEW STAIRS.
  7. NEW WALL WITH SIGN.
  8. EXISTING FLAGPOLES TO REMAIN.
  9. NEW ACCESSIBLE RAMP.
  10. COURT.
  11. SALLY PORT LOCATION.
  12. PARALLEL PARKING FOR SHERIFF'S VEHICLES.
  13. ACCESSIBLE PATH TO SIDEWALK.
  14. NEW TRASH / RECYCLING ENCLOSURE.
  15. NOT USED.
  16. CITY OF MANTECA STANDARD PARKING SPACES
  17. MOTORCYCLE SPACES
  18. NEW CURB CUT AND DRIVE APRON PER CITY OF MANTECA STANDARDS



**PHASE I & PHASE II COMPOSITE REFERENCE SITE PLAN**

SCALE: 20" = 1'-0"

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

**FRASER  
SEIPLE  
ARCHITECTS**

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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11  
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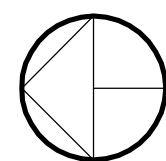
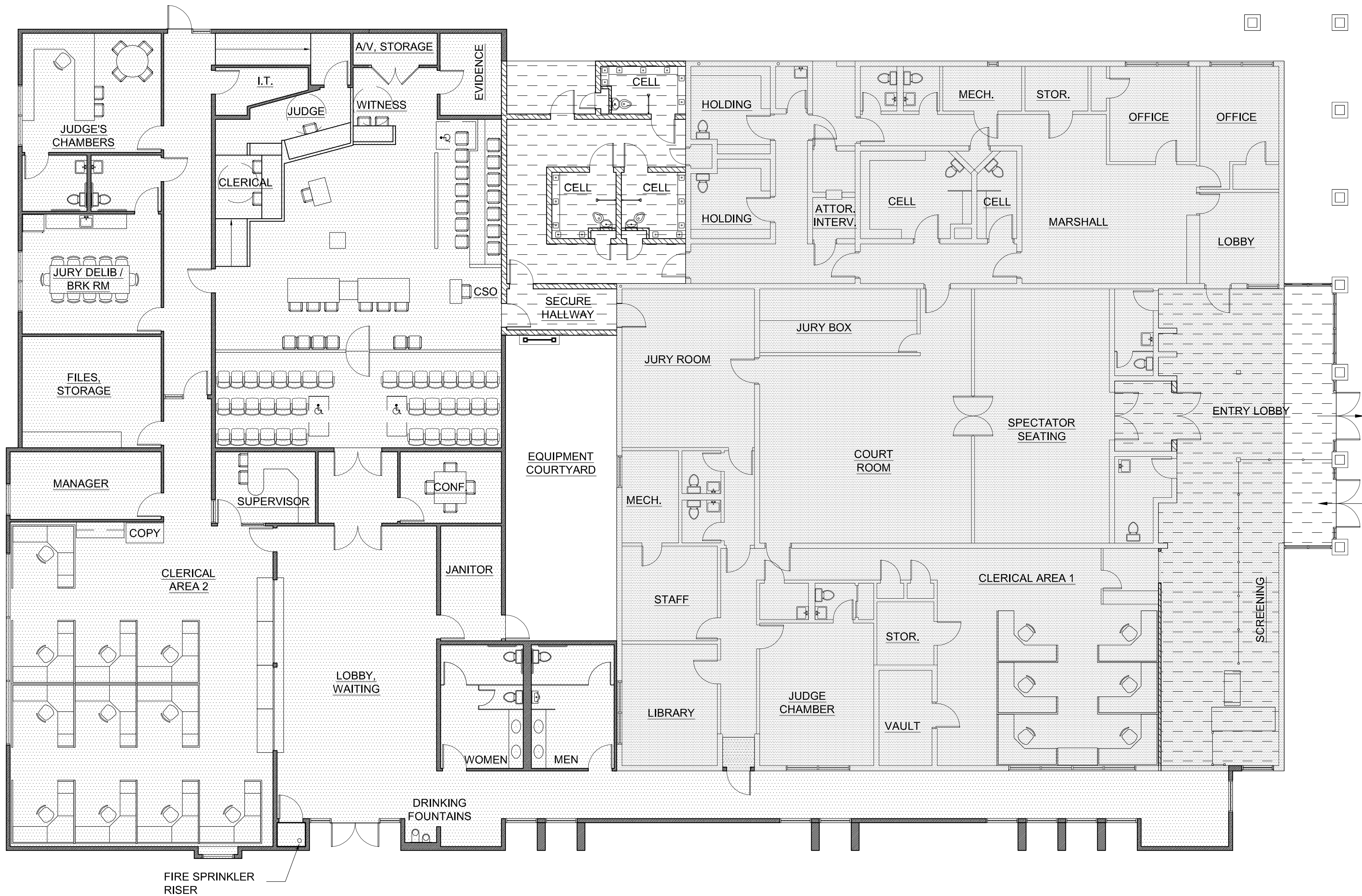
**PHASE I & PHASE II  
COMPOSITE  
REFERENCE SITE  
PLAN**

SHEET #

**T.3**



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I\T.4 - Phase I and Phase II Composite Reference Floor Plan.dwg, 3/7/2011 1:07:07 PM, PDF995



## PHASE I & PHASE II COMPOSITE REFERENCE FLOOR PLAN

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

### LEGEND

	EXISTING WALL TO REMAIN AND PROTECT
	NEW WALL - PHASE 1
	NEW WALL - PHASE 2
	EXISTING - FLOOR AREA TOTAL = 7,189 s.f.
	PHASE 1 - ADDITIONAL FLOOR AREA LOBBY = 218 s.f. HOLDING CELLS = 664 s.f. TOTAL = 882 s.f.
	PHASE 1 - EXISTING TO BE REMODELED TOTAL = 989 s.f.
	PHASE 2 - ADDITIONAL FLOOR AREA TOTAL = 7,253 s.f.

COMBINED OVERALL FLOOR AREA	
EXISTING =	7,189 s.f.
PHASE 1 =	882 s.f.
PHASE 2 =	7,253 s.f.
TOTAL =	15,324 s.f.

PROJECT

**SUPERIOR COURT  
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**PHASE 1**

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**1007**

**FRASER  
SEIPLE  
ARCHITECTS**

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PROJECT MANAGER BDF

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SHEET TITLE

**PHASE I & PHASE II  
COMPOSITE  
REFERENCE  
FLOOR PLAN**

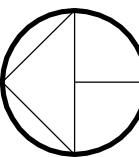
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**T.4**



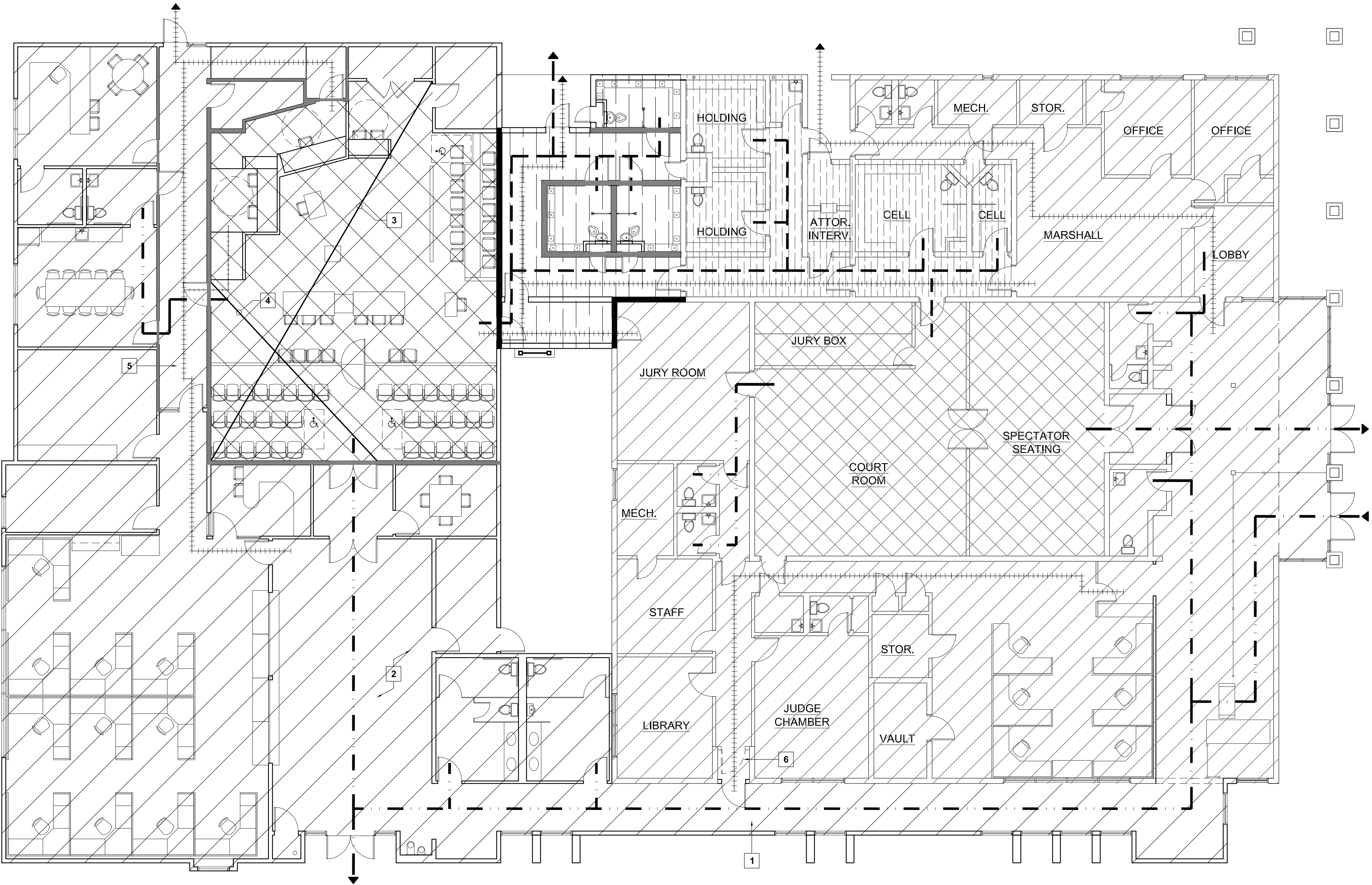
ABBREVIATIONS

#	POUND OR NUMBER	H.	HIGH
&	AND	H.B.	HOSE BIBB
A.	AIR	H.M.	HOLLOW METAL
A.B.	ANCHOR BOLT	H.P.	HIGH POINT
A.D.	AREA DRAIN	H.V.A.C.	HEATING VENTILATION AND AIR CONDITIONING
A/C	AIR CONDITIONING	H.W.	HOT WATER
A.C.T.	ACOUSTICAL CEILING TILE	H.C.	HANDICAPPED ACCESSIBLE
A.F.C.	ABOVE FINISHED COUNTER	HDW.	HARDWARE
A.F.F.	ABOVE FINISHED FLOOR	HDWD.	HARDWOOD
A.F.G.	ABOVE FINISHED GRADE	HNDRL.	HANDRAIL
A.F.S.	ABOVE FINISHED SLAB	HORIZ.	HORIZONTAL
ACOUS.	ACOUSTIC	HR.	HOUR
ACOUS. INSUL.	ACOUSTICAL INSULATION	HT.	HEIGHT
ACOUS. PNL.	ACOUSTICAL PANEL	*I.D.	INSIDE DIAMETER
ACS. DR.	ACCESS DOOR	IN.	INCH
ACS. FLR.	ACCESS FLOOR	INSUL.	INSULATION
ACS. PNL.	ACCESS PANEL	INT.	INTERIOR
ADJ.	ADJUSTABLE	INV.	INVERT
ALT.	ALTERNATE	*J.C.	JANITOR CLOSET
ALUM.	ALUMINUM	JT.	JOINT
ANR.	ANCHOR	*K.B.	KNEE BRACE
ARCH.	ARCHITECTURAL	K.P.	KICK PLATE
ASPH.	ASPHALT	KIT.	KITCHEN
ATCH.	ATTACHMENT	*L	ANGLE
AUTO.	AUTOMATIC	L.	LONG
AV	AUDIOVISUAL	L.L.	LEAD LINED
*B.O.	BOTTOM OF	LAM.	LAMINATED
B.O.S.	BOTTOM OF STEEL	LAM. GL.	LAMINATED GLASS
B.P.	BUILDING PAPER	LAUN.	LAUNDRY
B.S.	BOTH SIDES	LAV.	LAVATORY
B.U.R.	BUILT-UP ROOFING	LKR.	LOCKER
BD.	BOARD	LN.	LINOLEUM
BITUM.	BITUMINOUS	L.P.T.	LOW POINT
BKG.	BACKING	LS. PLAS.	LIMESTONE PLASTER
BLDG.	BUILDING	LT.	LIGHT
BLK.	BLOCK	LVR.	LOUVER
BLKG.	BLOCKING	*M.D.F.	MEDIUM DENSITY FIBERBOARD
BLST.	BALLAST	M.D.O.	MEDIUM DENSITY OVERLAY
BM.	BEAM	M.O.	MASONRY OPENING
BRCG.	BRACING	MACH.	MACHINE
BRZ.	BRONZE	MATL.	MATERIAL
*C.	CHANNEL	MAX.	MAXIMUM
C.B.	CATCH BASIN	MECH.	MECHANICAL
C.B.BD.	CEMENTITIOUS BACKER BOARD	MEMB.	MEMBRANE
C.C.T.V.	CLOSED CIRCUIT TELEVISION	MET.	METAL
C.F.	CONTRACTOR FURNISHED	MFR.	MANUFACTURER
C.G.	CORNER GUARD	MHL.	MANHOLE
C.H.	COAT HOOK	MIN.	MINIMUM
C.I.	CAST IRON	MIRR.	MIRROR
C.J.	CONTROL JOINT	MISC.	MISCELLANEOUS
C.L.	CENTER LINE	MKR. BD.	MARKER BOARD
C.M.U.	CONCRETE MASONRY UNIT	MTD.	MOUNTED
C.O.	CASED OPENING	MULL.	MULLION
CO2	CARBON DIOXIDE	*N	NEW
C.R.	CHAIR RAIL	N.	NORTH
C.T.	CERAMIC TILE	N.I.C.	NOT IN CONTRACT
CAB.	CABINET	N.T.S.	NOT TO SCALE
C.C	CENTER TO CENTER	NO.	NUMBER
CEM.	CEMENT	NOM.	NOMINAL
CEM. PLAS.	CEMENT PLASTER	*O.C.	ON CENTER
CHBD.	CHALKBOARD	O.D.	OUTSIDE DIAMETER
CIRC.	CIRCULAR	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
CLDG.	CLADDING	O.F.O.I.	OWNER FURNISHED, OWNER INSTALLED
CLG.	CEILING	OFD.	OVERFLOW DRAIN
CLG. HT.	CEILING HEIGHT	OFF.	OFFICE
CLO.	CLOSET	OPP.	OPPOSITE
CLR.	CLEAR	O.H.	OPPOSITE HAND
CNTR.	COUNTER	OPNG.	OPENING
COL.	COLUMN	*P.C.D.	PAPER CUP DISPENSER
CONC.	CONCRETE	P.L.	PROPERTY LINE
CONC. FLR.	CONCRETE FLOOR	P.LAM.	PLASTIC LAMINATE
CONC. OPNG.	CONCRETE OPENING	P.T.D.	PAPER TOWEL DISPENSER
CONF.	CONFERENCE	P.T.D.R.	PAPER TOWEL DISPENSER AND RECEPTACLE
CONN.	CONNECTION	P.T.R.	PAPER TOWEL RECEPTACLE
CONT.	CONTINUOUS	P.V.C	POLYVINYL CHLORIDE
CORR.	CORRIDOR	PL.	PLATE
CPT.	CARPET	PLAS.	PLASTER
*CTR.	CENTER	PLBG.	PLUMBING
D.	DEEP	PLYWD.	PLYWOOD
D.F.	DRINKING FOUNTAIN	PNL.	PANEL
D.W.	DISH WASHER	POL.	POLISHED
DBL.	DOUBLE	PR.	PAIR
DEMO.	DEMOLITION	PRCST.	PRECAST
DEPT.	DEPARTMENT	PROJ.	PROJECTION
DET.	DETAIL	PT.	PAINT
DIA.	DIAMETER	PTN.	PARTITION
DIAG.	DIAGONAL	*Q.T.	QUARRY TILE
DIM.	DIMENSION	QTY.	QUANTITY
DISP.	DISPENSER	*R	RISER OR RADIUS
DMPF.	DAMP-PROOFING	R.B.	RUBBER BASE
DN.	DOWN	R.C.P.	REFLECTED CEILING PLAN
DR.	DOOR	R.D.	ROOF DRAIN
DS.	DOWNSPOUT	R.H.	ROBE HOOK
DWG.	DRAWING	R.O.	ROOF OPENING
DWR.	DRAWER	R.W.L.	RAIN WATER LEADER
*(E)	EXISTING	RECT.	RECTANGULAR
E.	EAST	REF.	REFERENCE OR REFRIGERATOR
E.H.D.	ELECTRICAL HAND DRYER	REINF.	REINFORCING OR REINFORCED
E.J.	EXPANSION JOINT	REQD.	REQUIRED
E.P.	ELECTRICAL PANELBOARD	RESIL.	RESILIENT
E.S.	ELASTOMERIC	RM.	ROOM
EA.	EACH	RND.	ROUND
EL.	ELEVATION	RUB.	RUBBER
ELAST.	ELASTOMERIC	*S.	SOUTH
ELEC.	ELECTRICAL	S.C.R.	SHOWER CURTAIN ROD
ELEV.	ELEVATOR OR ELEVATION	S.D.	SOAP DISPENSER
EMER.	EMERGENCY	S.F.	SQUARE FEET
ENCL.	ENCLOSURE	S.R.	SHEET RUBBER
ENGR.	ENGINEER	S.N.D.	SAN NAPKIN DISPENSER
ENTR.	ENTRANCE	S.S.D.	SEE STRUCTURAL DRAWING
EQ.	EQUAL	S.SK.	SERVICE SINK
EQUIP.	EQUIPMENT	S.ST.	STAINLESS STEEL
EXP.	EXPANSION	S.V.	SHEET VINYL
EXP. BT.	EXPANSION BOLT	SCHED.	SCHEDULE OR SCHEDULED
EXT.	EXTERIOR	SECT.	SECTION
*F.A.	FIRE ALARM	SECUR.	SECURITY
F.A.A.P.	FIRE ALARM ANNUNCIATOR PANEL	SHR.	SHOWER
F.D.	FLOOR DRAIN	SHT.	SHEET
F.D.C.	FIRE DEPARTMENT CONNECTION	SHTG.	SHEATHING
F.E.	FIRE EXTINGUISHER	SIM.	SIMILAR
F.E.C.	FIRE EXTINGUISHER CABINET	SLD.	SOLID
F.F.	FINISH FLOOR	SPEC.	SPECIFICATION
FIN.	FINISH	SPKR.	SPEAKER
FIXT.	FIXTURE	SPKLR.	SPRINKLER
FLR.	FLOOR	SQ.	SQUARE
FLASH.	FLASHING	STA.	STATION
FLEX.	FLEXIBLE	STD.	STANDARD
FLUOR.	FLUORESCENT	STL.	STEEL
F.O.	FACE OF	S.M.S.	SHEET METAL SCREW
F.O.C.	FACE OF CONCRETE	STR.	STORAGE
F.O.F.	FACE OF FINISH	STN.	STONE
F.O.S.	FACE OF STUD	STRL.	STRUCTURAL
F.T.	FIRE TREATED	STRUCT.	STRUCTURE
FP.	FOOT-PROOFING	SUSP.	SUSPENDED
FT.	FOOT/FEET	SYM.	SYMMETRICAL
FTG.	FOOTING	*T.	TREAD
FURR.	FURRING	T.&G.	TONGUE AND GROOVE
FUT.	FUTURE	T.B.	TOWEL BARTIE BACK
*G.B.	GRAB BAR	T.C.	TOP OF CURB
G.A.	GAUGE	T.O.	TOP OF
GALV.	GALVANIZED	T.O.B.	TOP OF BEAM
GLU. LAM.	GLUED LAMINATED WOOD	T.O.C.	TOP OF CONCRETE
GND.	GROUND	T.O.P.	TOP OF PARAPET
GR.	GRADE	T.P.	TOP OF PAVEMENT
GROM.	GROMMET	T.P.D.	TOILET PAPER DISPENSER
GYP.	GYPSPUM	T.V.	TELEVISION
G.W.B.	GYPSPUM BOARD	T.O.W.	TOP OF WALL
		T.S.	TUBE STEEL



PHASE I & PHASE II CODE ANALYSIS

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



ACCESSIBILITY NOTES

- THE PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48 INCHES WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. MAXIMUM CROSS-SLOPE 2% TYPICAL AND MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5% OR LESS, UNLESS OTHERWISE NOTED. P.O.T. SHALL BE MAINTAINED FREE OF OVERHEAD OBSTRUCTIONS TO 80" MINIMUM (CBC1133B8.2) AND SIDE OBJECTS PROTRUDING GREATER THAN 4" INTO P.O.T. BETWEEN 27 AND 80 INCHES ABOVE THE FINISHED FLOOR (CBC 1133B8.6).
- ALL DOORS ON INDICATED P.O.T.'S SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 1133B, INCLUDING:
  - THE UNLATCHING OF ANY EXIT DOOR SHALL NOT REQUIRE MORE THAN ONE OPERATION.
  - ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE.
  - ACCESSIBLE DOOR HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES ABOVE THE FINISH FLOOR OR LANDING, AND SHALL BE OPERATED WITH SINGLE PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
  - INTERIOR AND EXTERIOR THRESHOLDS SHALL MEET THE LEVEL CHANGE LIMITATIONS OF ITEM #1 ABOVE.
  - ON DOORS THAT HAVE CLOSERS THE CLOSER PRESSURE SHALL NOT EXCEED 5 POUNDS FOR INTERIOR DOORS OR 8.5 POUNDS FOR EXTERIOR DOORS.
  - THE BOTTOM 10 INCHES OF ALL ACCESSIBLE DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
  - PROVIDE A LEVEL AND CLEAR LANDING ON BOTH SIDES OF ACCESSIBLE DOORS, A MINIMUM OF 60" DEEP ON THE PULL SIDE AND 48" DEEP ON THE PUSH SIDE, AND EXTENDING A MINIMUM OF 18" BEYOND THE LATCH JAMB ON THE PULL SIDE OF INTERIOR DOORS (24" AT EXTERIOR DOORS), AND A MINIMUM OF 12" BEYOND THE LATCH JAMB ON THE PUSH SIDE, UNLESS THE DOOR IS NOT EQUIPPED WITH A LATCH AND CLOSER.

EGRESS KEYNOTES

- COMMUNICATING HALLWAY, NOT PART OF REQUIRED EGRESS SYSTEM.
- INTERVENING SPACE IN COMPLIANCE WITH CBC 1014.2
- GREATEST DIAGONAL OF COURTROOM: 54'-8"
- SEPARATION OF COURTROOM EXITS: 30'-6" (>54'-8"/2; OK)
- ONE HOUR RATED EXIT CORRIDOR.
- PHASE ONE SECONDARY EXIT.

LEGEND

	EXISTING A-3 OCCUPANCY
	EXISTING B OCCUPANCY
	EXISTING I-3 OCCUPANCY
	NEW A-3 OCCUPANCY
	NEW B OCCUPANCY
	NEW I-3 OCCUPANCY, EXTENT OF CBC REQUIRED 2-HOUR HORIZONTAL BARRIER
	PUBLIC PATH OF TRAVEL (INCLUDING ATTORNEYS AND JURORS)
	IN-CUSTODY PATH OF TRAVEL
	STAFF / SHERIFF PATH OF TRAVEL
	EXTENT OF NEW CBC REQUIRED 2-HOUR VERTICAL BARRIER.
	EXTENT OF NEW CBC REQUIRED 1-HOUR VERTICAL BARRIER.

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

**FRASER  
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971 OSOS STREET  
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DRAWN BY DL

DATES 03/07/11

SIGNED

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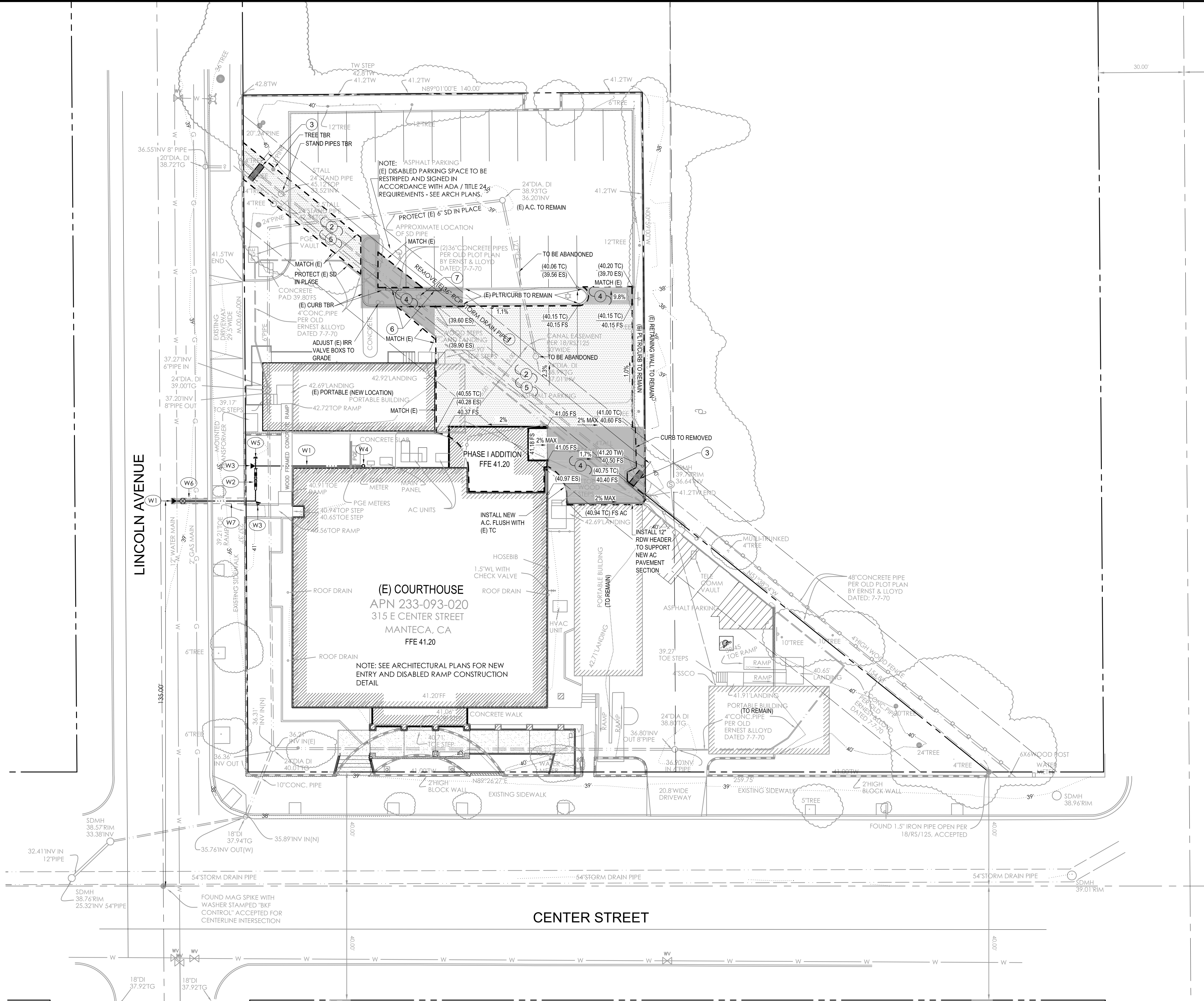
SHEET TITLE

**PHASE I & PHASE II  
CODE ANALYSIS,  
ABBREVIATIONS**

SHEET #

**T.5**





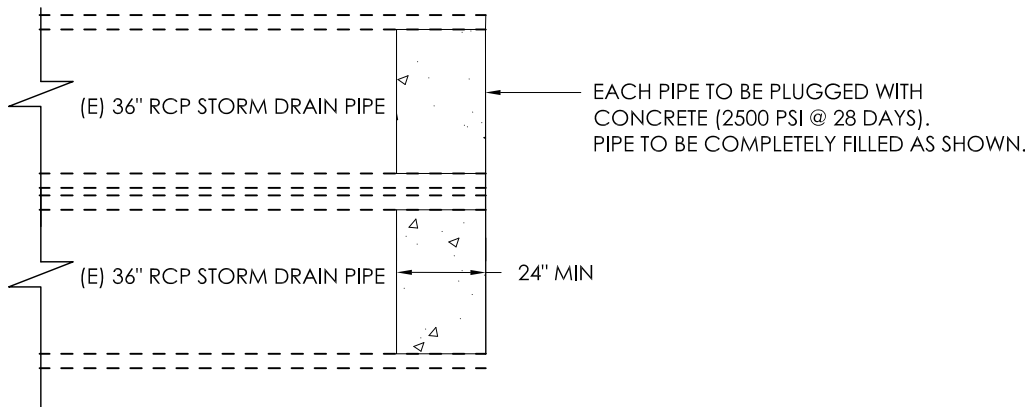
**LEGEND:**

- NEW CLASS II BASE SECTION
- NEW AC PAVEMENT SECTION
- LIMITS OF AC PAVEMENT REMOVAL
- PROPERTY LINE / ROW

**ABBREVIATIONS:**

- AC - ASPHALT CONCRETE
- BLDG - BUILDING
- CONC - CONCRETE
- ES - EXISTING SURFACE
- TC - TOP OF CURB
- (E) - EXISTING
- FEE - FINISHED FLOOR ELEVATION
- FG - FINISHED GRADE
- FL - FLOWLINE
- FS - FINISHED SURFACE
- SD - STORM DRAIN
- TYP - TYPICAL
- TBR - TO BE REMOVED

- GENERAL NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ITEMS SHOWN ON THE PLANS.
  - NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE CITY. THE CITY SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS PRIOR TO STARTING CONSTRUCTION. ANY CONSTRUCTION DONE WITHOUT APPROVED PLANS OR PRIOR NOTIFICATION TO THE CITY WILL BE REJECTED AND WILL BE DONE AT THE CONTRACTOR'S AND/OR OWNER'S RISK AND EXPENSE.
  - THE CITY INSPECTOR, ACTING ON BEHALF OF THE CITY MAY REQUIRE REVISIONS IN THE PLANS TO SOLVE UNFORESEEN PROBLEMS THAT MAY ARISE IN THE FIELD. ALL REVISIONS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S ENGINEER.
  - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PLACEMENT OF SAFETY DEVICES SUCH AS FENCING, BARRICADES, SAFETY TAPE, ETC., AND SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATIONS. THE CITY AND ITS OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
  - ANY DEVIATION FROM THESE PLANS WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER SHALL BE AT THE CONTRACTOR'S OWN RISK AND EXPENSE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY KEITH V. CROWE, PE IMMEDIATELY, AND IN WRITING, OF ANY DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN ON THIS PLAN, WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT THE EARTHWORK QUANTITIES.
  - THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNMENT ORDINANCES AND REGULATIONS RELATING TO THE WORK SHOWN ON THIS PLAN.
  - ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS.
  - NO GRADING SHALL OCCUR WITHIN TWO (2) FEET OF THE PROPERTY LINES UNLESS NOTED OTHERWISE ON THESE PLANS.
  - THESE PLANS DO NOT AUTHORIZE SITE DISTURBANCE BEYOND THE LIMITS OF GRADING OR IMPROVEMENTS SHOWN HEREON. THE CONTRACTOR SHALL OBTAIN PERMISSION TO ENTER UPON ADJOINING PROPERTY TO CONSTRUCT IMPROVEMENTS OR TO GRADE ELSEWHERE PRIOR TO COMMENCING WORK. THE REGULATING AGENCY DOES NOT AUTHORIZE ENTRY PER THESE APPROVED PLANS.
  - ALL GRADING AND SITE WORK SHALL CONFORM TO THE REGULATING AGENCIES GRADING ORDINANCE, STANDARDS, AND SPECIFICATIONS; AND TO THE LATEST EDITION OF THE UNIFORM BUILDING CODE (CHAPTER 33) AND TITLE 24 CALIFORNIA CODE OF REGULATIONS ACCESSIBILITY REQUIREMENTS.
  - A CITY ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN.
  - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PLACEMENT OF SAFETY DEVICES SUCH AS FENCING, BARRICADES, SAFETY TAPE, ETC., AND SHALL FOLLOW ALL APPLICABLE INDUSTRIAL SAFETY REGULATIONS. THE CITY AND ITS OFFICIALS, THE ENGINEER, AND THE OWNER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR PROPER RESETTING OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. ANY SURVEY MONUMENTS DESTROYED BY THE CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE STATE LAND SURVEYOR'S ACT AT THE CONTRACTOR'S OWN EXPENSE.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT "UNDERGROUND SERVICE ALERT" AT 1-800-642-2444 FOR LOCATION OF POWER, GAS, OIL, AND TELEPHONE UNDERGROUND FACILITIES. CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE AGENCY FOR THE LOCATION OF ALL UNDERGROUND FACILITIES.

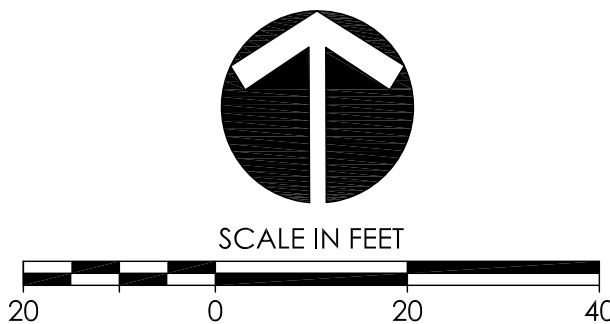


## Phase 1 - Grading, Drainage and Utility Plan

- CONSTRUCTION NOTES:**
- REMOVE EXISTING EXISTING 36" RCP STORM DRAIN PIPES TO LIMITS SHOWN. BACKFILL WITH 6" CLASS II BASE (UNLESS OTHERWISE NOTED) AND COMPACT TO EXISTING OR FINISH GRADES PER SOILS REPORT RECOMMENDATIONS
  - SAWCUT & REMOVE EXISTING A.C. PAVING AND/OR CURB TO LIMITS SHOWN.
  - CONSTRUCT CONCRETE PLUG AT ENDS OF EXISTING STORM DRAIN TO REMAIN. SEE DETAIL "A" THIS SHEET.
  - CONSTRUCT 2" A.C. PAVEMENT OVER 4" CLASS II BASE TO LIMITS AND GRADES SHOWN.
  - CONSTRUCT 6" CLASS II BASE TO LIMITS AND GRADES SHOWN.
  - INSTALL WHEELSTOP.

- UTILITY CONSTRUCTION NOTES:**
- W1 PROVIDE AND INSTALL NEW 4" FIRE SERVICE LINE PER CITY STD DETAIL W-11 & W-6. PROVIDE 30" MIN - 36" MAX COVER. VERIFY FIRE SERVICE SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - W2 PROVIDE AND INSTALL 4" DOUBLE CHECK VALVE ASSEMBLY PER CITY STD DETAIL W-15. VERIFY DCV SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - W3 CONSTRUCT THRUST BLOCK PER CITY STD DETAIL W-4.
  - W4 PROVIDE FIRE SPRINKLER RISER PER FIRE SPRINKLER DESIGN. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
  - W5 STUB AND CAP NEW 4" FIRE SERVICE FOR FUTURE EXTENSION. VERIFY FIRE SERVICE SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - W6 CONSTRUCT NEW A.C. TRENCH REPAIR PER CITY STANDARDS AND SPECIFICATIONS.
  - W7 REPAIR CONCRETE SIDEWALK PER CITY STD DETAIL ST-6.

- NOTES:**
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL ITEMS OF REMOVAL, RELOCATION, AND CONSTRUCTION.
  - POTHOLE AND VERIFY MATERIAL, LOCATION AND SIZE OF ALL WET AND DRY UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - SEE SHEET C2 FOR CONSTRUCTION DETAILS.



Preliminary - Not for Construction

PROJECT

# SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

## MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

### PHASE 1

CLIENT JOB # ARCHITECT JOB #  
1007



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PROJECT MANAGER SG

DRAWN BY SG

DATES 03/07/11 SUBITTAL

SIGNED



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SHEET TITLE  
**PHASE I  
GRADING,  
DRAINAGE AND  
UTILITY PLAN**

SHEET #

**C1**



PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

PHASE 1

CLIENT JOB # ARCHITECT JOB #  
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SHEET TITLE  
CONSTRUCTION DETAILS

SHEET #

C2

Preliminary - Not for Construction

TYPE OF FITTING	90° BEND	45° BEND	1 1/4" OR 2 1/2" BEND
THRUST BLOCK DESCRIPTION			
PIPE SIZE	4" & 6" 4 FT <sup>2</sup>	4 FT <sup>2</sup>	2 FT <sup>2</sup>
	8" 7	4 2	2
	10" 11	6 3	3
	12" 15	8 5	5
	14" 20	11 6	6
	16" 25	14 8	8

NOTES:

- ALL BEARING AREAS SHOWN ARE MINIMUM VALUES FOR A HYDROSTATIC PRESSURE OF 150 PSI, SOIL RESISTANCE OF 2,000 LBS./SQ. FT. AND TWO (2) FOOT MINIMUM COVER.
- ALL THRUST BLOCKS SHALL BE MADE OF CLASS "B" CONCRETE WITH A MINIMUM CRUSHING STRENGTH OF 2,000 PSI AT 28 DAYS.
- ALL BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL. THE BLOCKS SHALL BE PLACED SO THAT JOINTS AND FITTINGS WILL BE ACCESSIBLE FOR REPAIRS.
- FOR VERTICAL BENDS, ALL METALLIC TIE DOWNS SHALL BE ENCASED WITH POLYETHYLENE WRAP (8 MIL. MIN.) AS SPECIFIED IN AWWA C105.
- ALL THRUST BLOCKS SHALL BE A MINIMUM 18" THICK.

NO.	REVISED	BY	REQUIRED BEARING AREA OF THRUST BLOCK	APPROVED BY:
1	FEB. 1992	JK		
DRAWN BY:	J. KOESTER		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-4	DATE: FEB 1992

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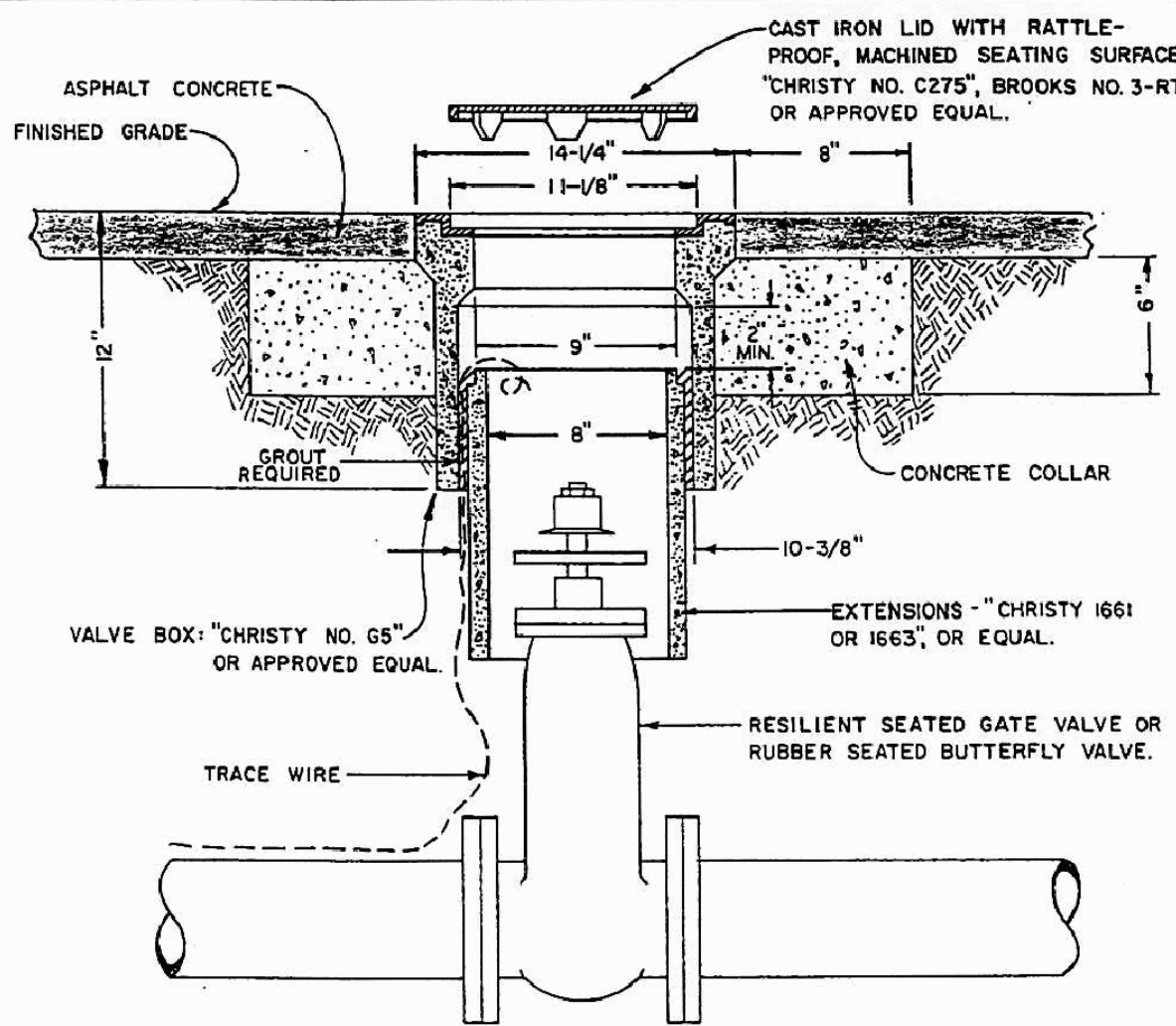
TYPE OF FITTING	TEE AND DEAD END	CROSS WITH FUTURE EXTENSION	VERTICAL BEND	FIRE HYDRANT
THRUST BLOCK DESCRIPTION				
PIPE SIZE	4" & 6" 4 FT <sup>2</sup>	4 FT <sup>2</sup>	2 FT 2 FT 3 FT 5 FT	
	8" 7	7	3 5 8	
	10" 11	11	4 7 13	
	12" 15	15	5 10 18	
	14" 20	20	7 13 25	
	16" 25	25	9 18 32	

NOTES:

- ALL BEARING AREAS SHOWN ARE MINIMUM VALUES FOR A HYDROSTATIC PRESSURE OF 150 PSI, SOIL RESISTANCE OF 2,000 LBS./SQ. FT. AND TWO (2) FOOT MINIMUM COVER.
- ALL THRUST BLOCKS SHALL BE MADE OF CLASS "B" CONCRETE WITH A MINIMUM CRUSHING STRENGTH OF 2,000 PSI AT 28 DAYS.
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- FOR VERTICAL BENDS, ALL METALLIC TIE DOWNS SHALL BE ENCASED WITH POLYETHYLENE WRAP (8 MIL. MIN.) AS SPECIFIED IN AWWA C105.
- ALL THRUST BLOCKS SHALL BE A MINIMUM 18" THICK.
- THRUST BLOCKS AT FUTURE EXTENSIONS SHALL NOT EXCEED 24".

NO.	REVISED	BY	REQUIRED BEARING AREA OF THRUST BLOCK	APPROVED BY:
1	FEB. 1992	JK		
DRAWN BY:	J. KOESTER		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-5	DATE: FEB 1992

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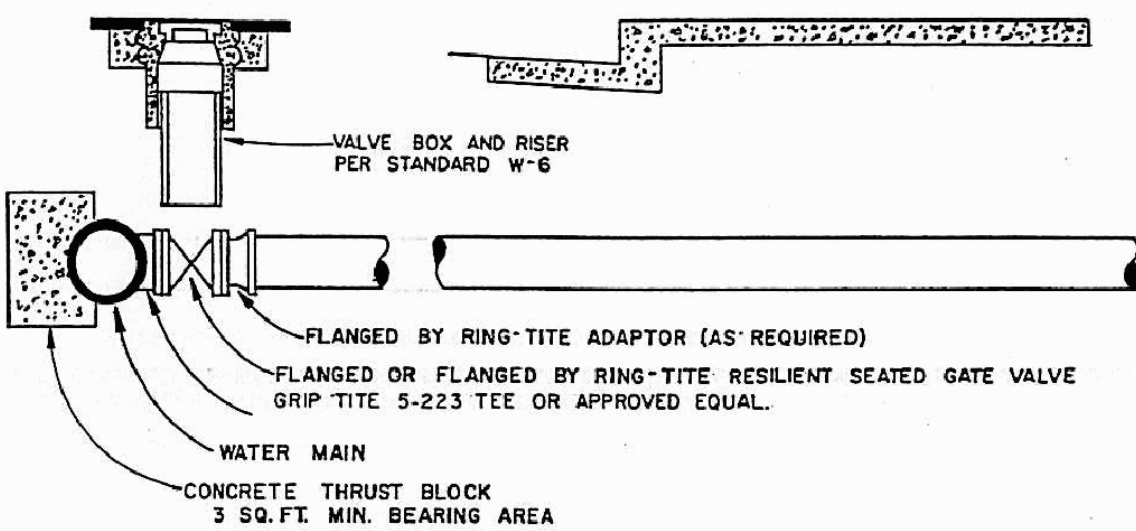


NOTES:

- VALVE BOX AND LID SHALL BE "CHRISTY NO. 65" AND "CHRISTY NO. C275", BROOKS NO. 3-RT, OR EQUALS.
- ALL LIDS SHALL HAVE MACHINE SEATING SURFACES.
- EXTENSIONS SHALL BE AS MANUFACTURED FOR THE VALVE BOX SUPPLIED OR A.C. PIPE OF CORRECT SIZE MAY BE USED.
- CONCRETE COLLAR SHALL BE OF CLASS "B" CONCRETE AND SHALL BE CONSTRUCTED 2 1/2 INCHES BELOW FINISHED GRADE.
- RESILIENT SEATED GATE VALVE SHALL BE MUELLER, KENNEDY, AMERICAN AVK CO., OR APPROVED EQUAL.
- RESILIENT SEATED GATE VALVE SHALL HAVE A NON-RISING STEM AND CONFORM TO A.W.W.A. STANDARD C509 OF LATEST REVISION.
- RUBBER SEATED BUTTERFLY VALVE SHALL BE DRESSER 450, MUELLER B3211 OR APPROVED EQUAL.
- RUBBER SEATED BUTTERFLY VALVE SHALL CONFORM TO A.W.W.A. STANDARD C504 OF LATEST REVISION.
- RUBBER SEATED BUTTERFLY VALVES SHALL BE USED FOR PIPE SIZES LARGER THAN 12 INCHES.

NO.	REVISED	BY	STANDARD VALVE BOX	APPROVED BY:
4	OCT. 2003	JH		
DRAWN BY:	C. SABERTON		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-6	DATE: JAN. 1988

PRINTED ON DIFPO NO. 1000K CLEARPRINT



NOTES:

- WATER METER TO BE INSTALLED ABOVE GROUND IN ACCORDANCE WITH CITY STANDARD W-16. WATER METER WILL BE SUPPLIED AND INSTALLED BY CITY.
- RESILIENT SEATED GATE VALVES, PER CITY STANDARD W-6, ARE REQUIRED FOR VALVE SIZES 2 THROUGH 12 INCHES.
- RUBBER SEATED BUTTERFLY VALVES ARE REQUIRED FOR VALVES LARGER THAN 12 INCHES.
- IF C-900 PIPE IS USED, MECHANICAL JOINTS MUST BE USED.
- A FIRE SPRINKLER SERVICE INSTALLATION WILL REQUIRE THE INSTALLATION OF A BACKFLOW PREVENTION DEVICE LOCATED ABOVE GROUND, AND A MAXIMUM OF 12 INCHES BEHIND THE PROPERTY LINE. THE BACKFLOW PREVENTER SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARDS AVAILABLE IN THE CITY OF MANTECA'S PUBLIC WORKS DEPARTMENT.
- THE USE OF GALVANIZED PIPE IS NOT PERMITTED.

NO.	REVISED	BY	STANDARD WATER SERVICE INSTALLATION 3" & LARGER	APPROVED BY:
2	FEB. 1992	JK		
DRAWN BY:	J. KOESTER		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-11	DATE: JAN. 1988

PRINTED ON DIFPO NO. 1000K CLEARPRINT



APPROVED TAPPING SLEEVES: (STAINLESS STEEL)

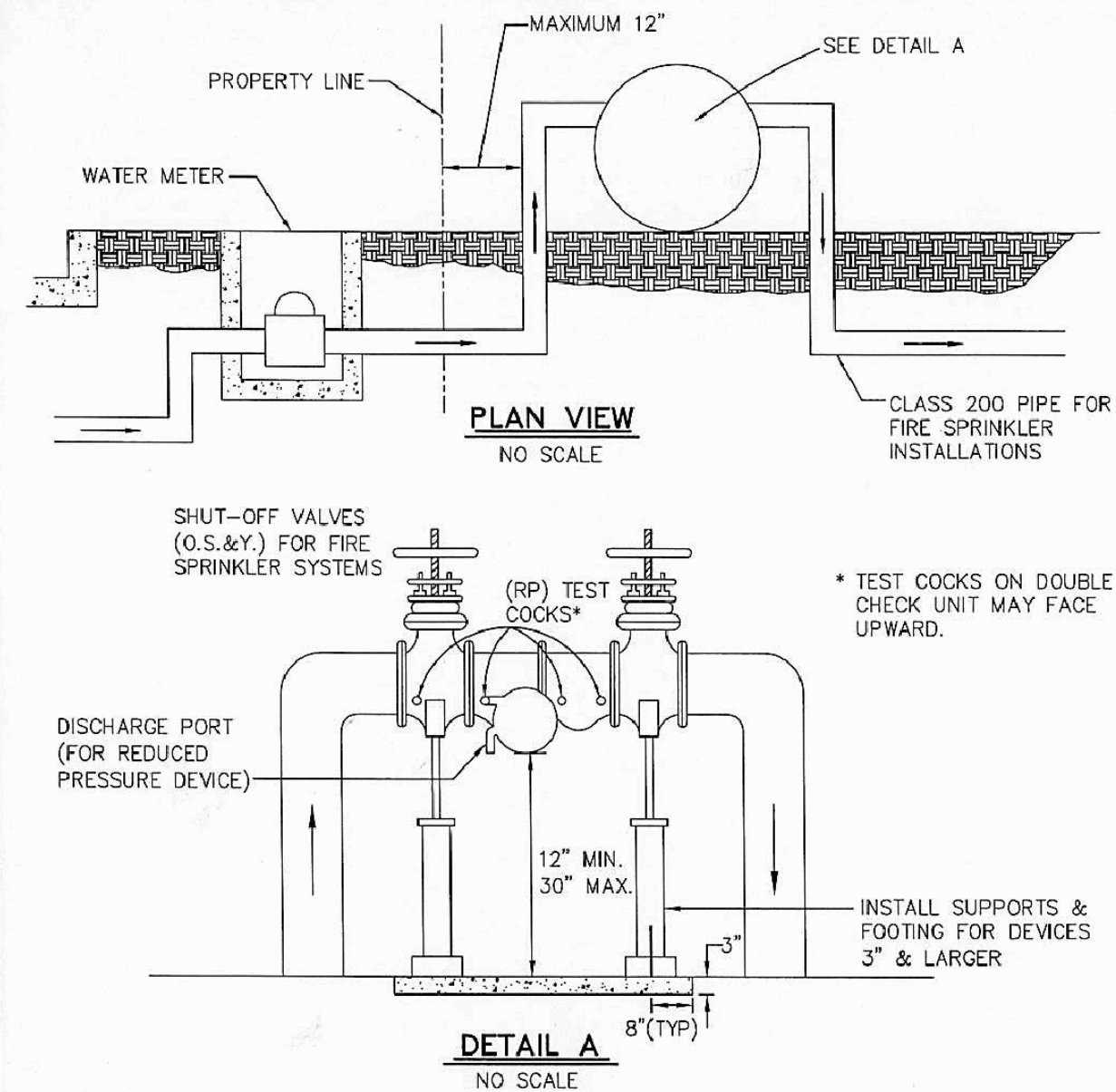
- 1) ROMAC SST
- 2) ROCKWELL 663
- 3) FORD FAST
- 4) APPROVED EQUAL

APPROVED TAPPING VALVES: (MUST BE RESILIENT SEAT)

- 1) AMERICAN DARLING CRS-80
- 2) WATEROUS SERIES 500
- 3) APPROVED EQUAL

NO.	REVISED	BY	HOT TAPS	APPROVED BY:
DRAWN BY:	J. KOESTER		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-14	DATE: FEB 1992

PRINTED ON DIFPO NO. 1000K CLEARPRINT



NOTES:

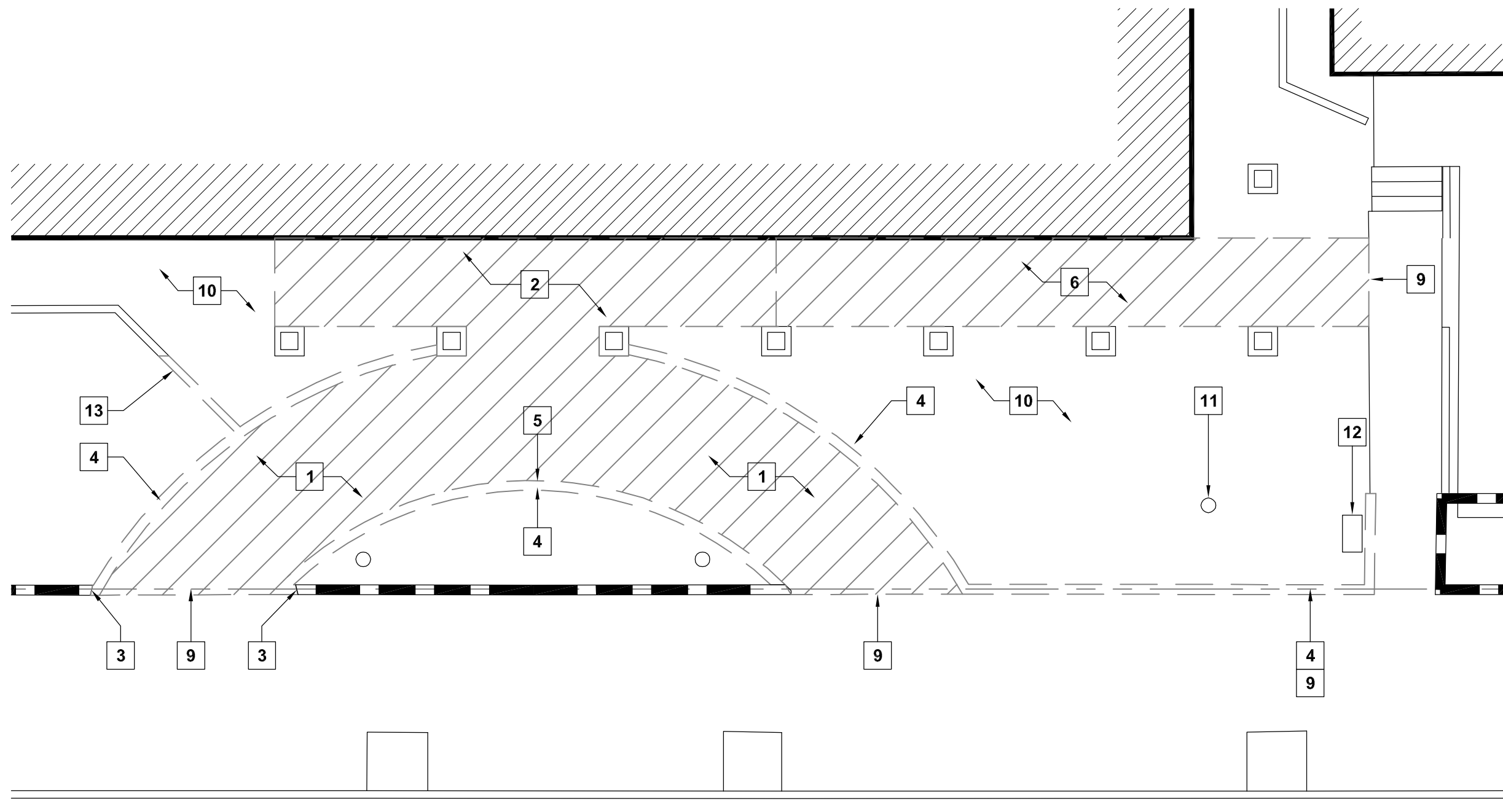
- ALL BACKFLOW DEVICES INSTALLED IN THE CITY OF MANTECA SHALL BE REDUCED PRESSURE ASSEMBLIES WITH THE EXCEPTION OF THOSE INSTALLED ON FIRE SYSTEMS (WITHOUT AUXILIARY SUPPLY) WHICH SHALL BE DOUBLE CHECK VALVE ASSEMBLIES. ALL DEVICES INSTALLED SHALL BE ON THE CITY'S APPROVED BACKFLOW PREVENTION ASSEMBLIES LIST.
- DEVICES MUST BE TESTED AND APPROVED BY A CITY APPROVED CERTIFIED TESTER PRIOR TO CITY ACCEPTANCE.
- TEST COCKS AND SHUT OFF VALVES MUST BE SUPPLIED AS SHOWN.
- THE DISCHARGE PORT MUST BE KEPT CLEAR OF OBSTRUCTION AT ALL TIMES.
- BACKFLOW DEVICE SHALL BE VISIBLE FROM THE STREET.
- DEVIATION FROM THE INSTALLATION SHOWN ABOVE MUST RECEIVE PRIOR CITY APPROVAL.
- FIRE SPRINKLER SYSTEM BACKFLOW DEVICES SHALL HAVE A WORKING PRESSURE OF 175 PSI.
- THE CONCRETE FOOTING SHALL BE FINISHED. CONCRETE MUST BE MIXED IN TRANSIT - NO TRAILER HAULED MIX.
- ONE UNION IS REQUIRED ON ALL NON-FLANGED PLUMBING INSTALLATIONS.

NO.	REVISED	BY	REDUCED PRESSURE/DOUBLE CHECK VALVE BACKFLOW PREVENTION DEVICE INSTALLATION	APPROVED BY:
8	APRIL, 2004	JH		
DRAWN BY:	J. KOESTER		CITY OF MANTECA	DIRECTOR OF PUBLIC WORKS
CHECKED BY:	J. PODESTA		DEPARTMENT OF PUBLIC WORKS	
SCALE:	NONE		DRAWING NO. W-15	DATE: MAY, 1985

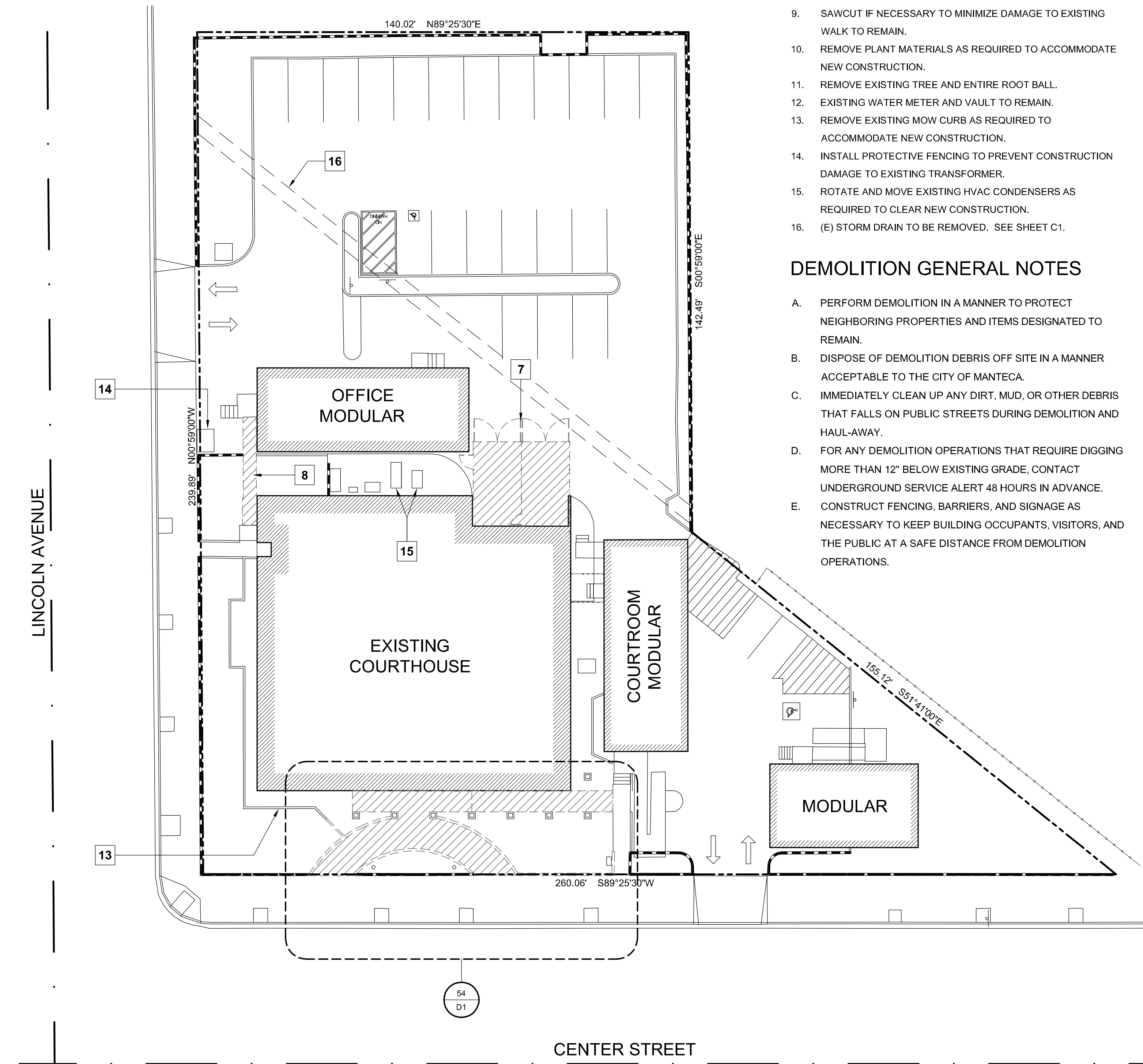
PRINTED ON DIFPO NO. 1000K CLEARPRINT



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\01 - Phase I Site Demolition Plan.dwg, 3/23/2011 2:44:14 PM, P05995



54 ENLARGED SITE DEMOLITION PLAN  
SCALE: 1/8" = 1'-0"



SITE DEMOLITION PLAN  
SCALE: 1" = 20'-0"

————— EXISTING TO REMAIN  
- - - - - EXISTING TO BE DEMOLISHED

### DEMOLITION KEYNOTES

1. EXISTING CONCRETE RAMP AND FOOTINGS TO BE DEMOLISHED.
2. EXISTING CONCRETE LANDING AND FOOTINGS TO BE DEMOLISHED (IDENTIFY AND PROTECT COLUMN FOOTINGS).
3. SAWCUT EXISTING RETAINING WALL TO ACCOMMODATE NEW WALL CONSTRUCTION.
4. REMOVE EXISTING RETAINING WALL AND FOOTINGS AS SHOWN.
5. CAREFULLY REMOVE AND PROTECT EXISTING DEDICATION PLAQUE FOR RE-INSTALLATION IN NEW CONSTRUCTION..
6. EXISTING WALK AND FOOTINGS TO BE DEMOLISHED (IDENTIFY AND PROTECT COLUMN FOOTINGS).
7. DISASSEMBLE AND REMOVE EXISTING CHAIN LINK FENCING AT SALLY PORT AREA.
8. DEMOLISH EXISTING WOOD RAMP.
9. SAWCUT IF NECESSARY TO MINIMIZE DAMAGE TO EXISTING WALK TO REMAIN.
10. REMOVE PLANT MATERIALS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
11. REMOVE EXISTING TREE AND ENTIRE ROOT BALL.
12. EXISTING WATER METER AND VAULT TO REMAIN.
13. REMOVE EXISTING MOW CURB AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
14. INSTALL PROTECTIVE FENCING TO PREVENT CONSTRUCTION DAMAGE TO EXISTING TRANSFORMER.
15. ROTATE AND MOVE EXISTING HVAC CONDENSERS AS REQUIRED TO CLEAR NEW CONSTRUCTION.
16. (E) STORM DRAIN TO BE REMOVED. SEE SHEET C1.

### DEMOLITION GENERAL NOTES

- A. PERFORM DEMOLITION IN A MANNER TO PROTECT NEIGHBORING PROPERTIES AND ITEMS DESIGNATED TO REMAIN.
- B. DISPOSE OF DEMOLITION DEBRIS OFF SITE IN A MANNER ACCEPTABLE TO THE CITY OF MANTECA.
- C. IMMEDIATELY CLEAN UP ANY DIRT, MUD, OR OTHER DEBRIS THAT FALLS ON PUBLIC STREETS DURING DEMOLITION AND HAUL-AWAY.
- D. FOR ANY DEMOLITION OPERATIONS THAT REQUIRE DIGGING MORE THAN 12" BELOW EXISTING GRADE, CONTACT UNDERGROUND SERVICE ALERT 48 HOURS IN ADVANCE.
- E. CONSTRUCT FENCING, BARRIERS, AND SIGNAGE AS NECESSARY TO KEEP BUILDING OCCUPANTS, VISITORS, AND THE PUBLIC AT A SAFE DISTANCE FROM DEMOLITION OPERATIONS.

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

**FRASER  
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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

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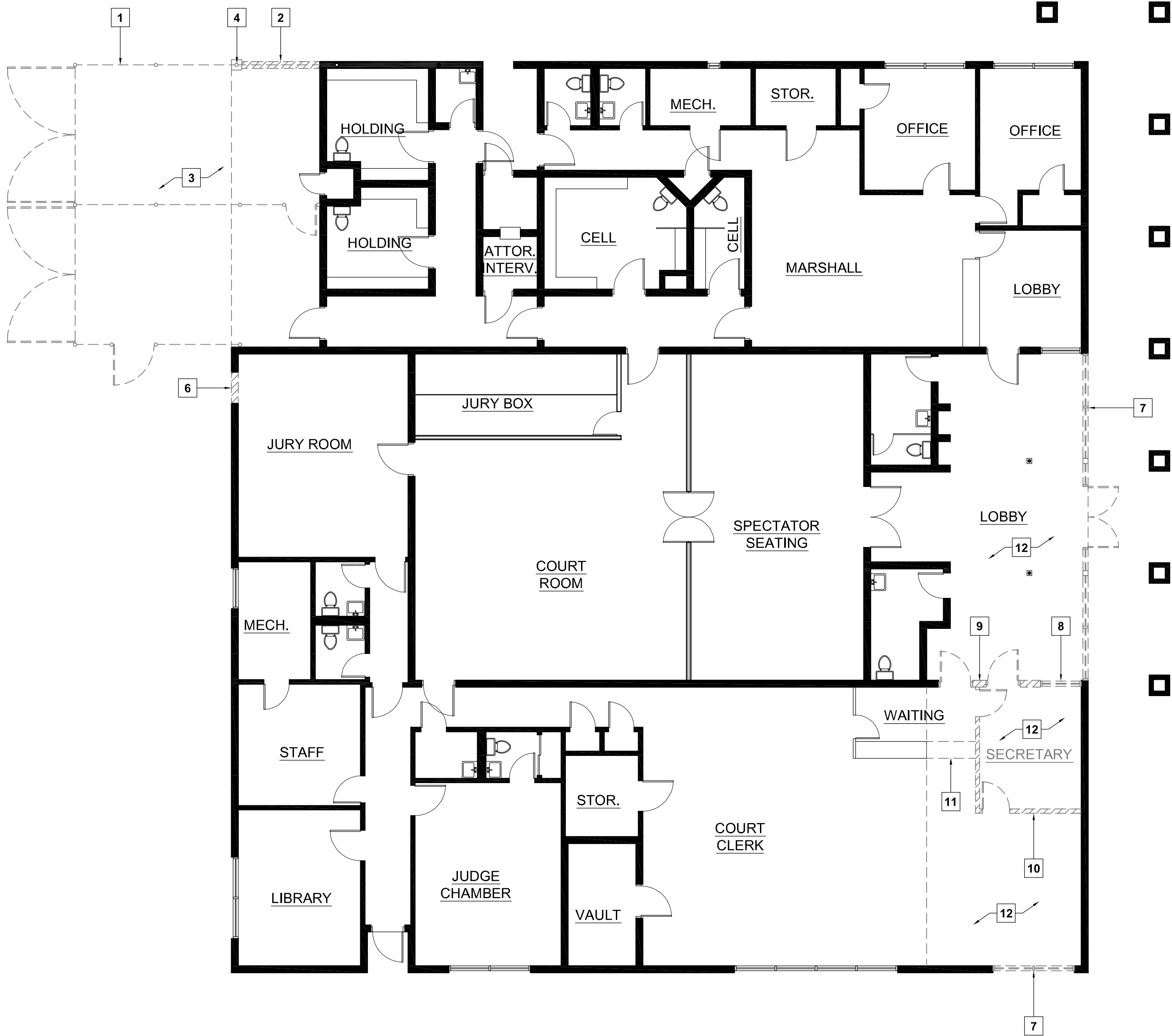
SHEET TITLE

**PHASE I  
SITE DEMOLITION  
PLAN**

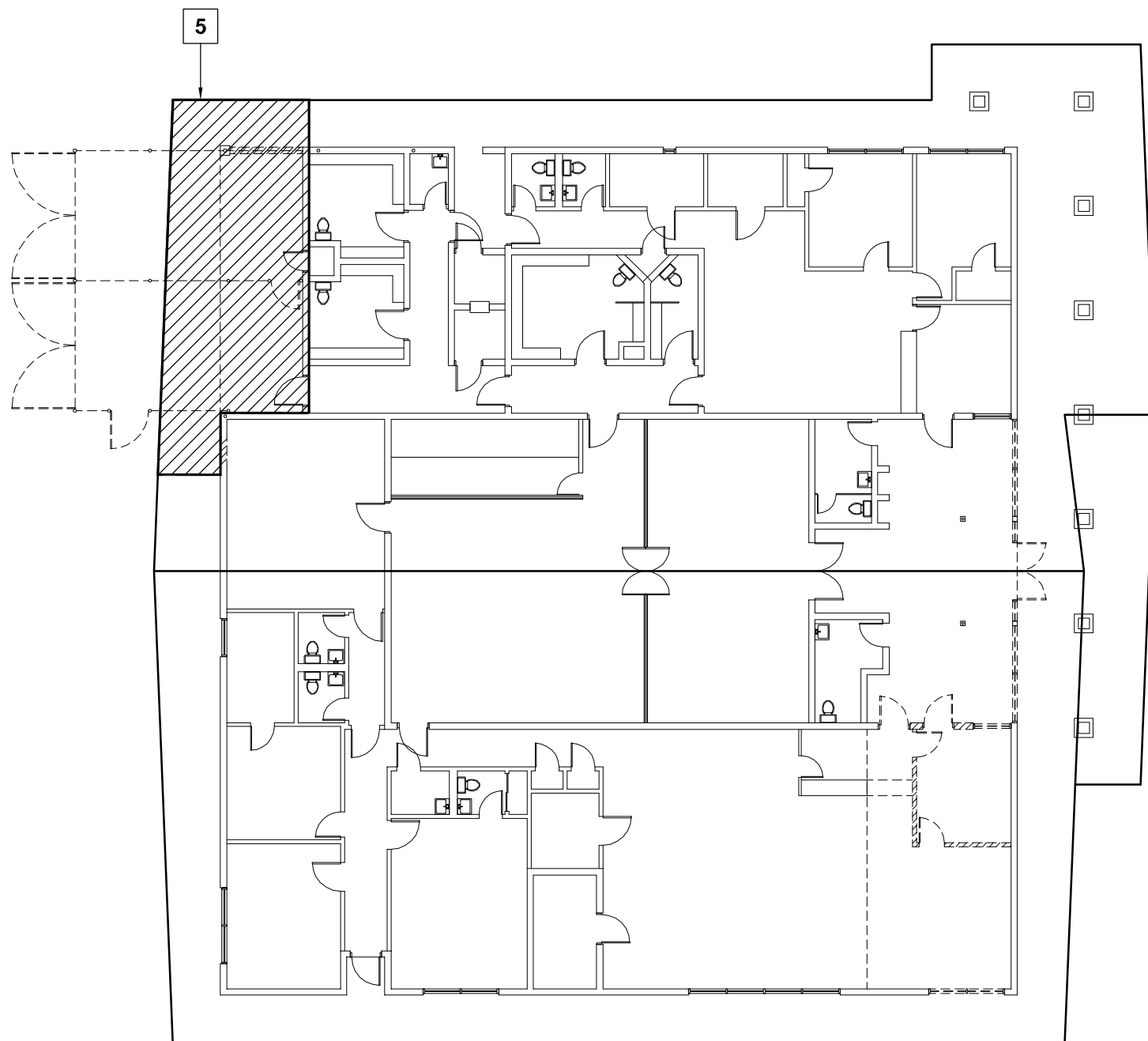
SHEET #

**D1**

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\02 - Phase 1 Demolition Floor Plan.dwg, 3/7/2011 1:13:44 PM, R05995



**DEMOLITION FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**DEMOLITION ROOF PLAN**  
SCALE: 1/16" = 1'-0"

PROJECT

**SUPERIOR COURT  
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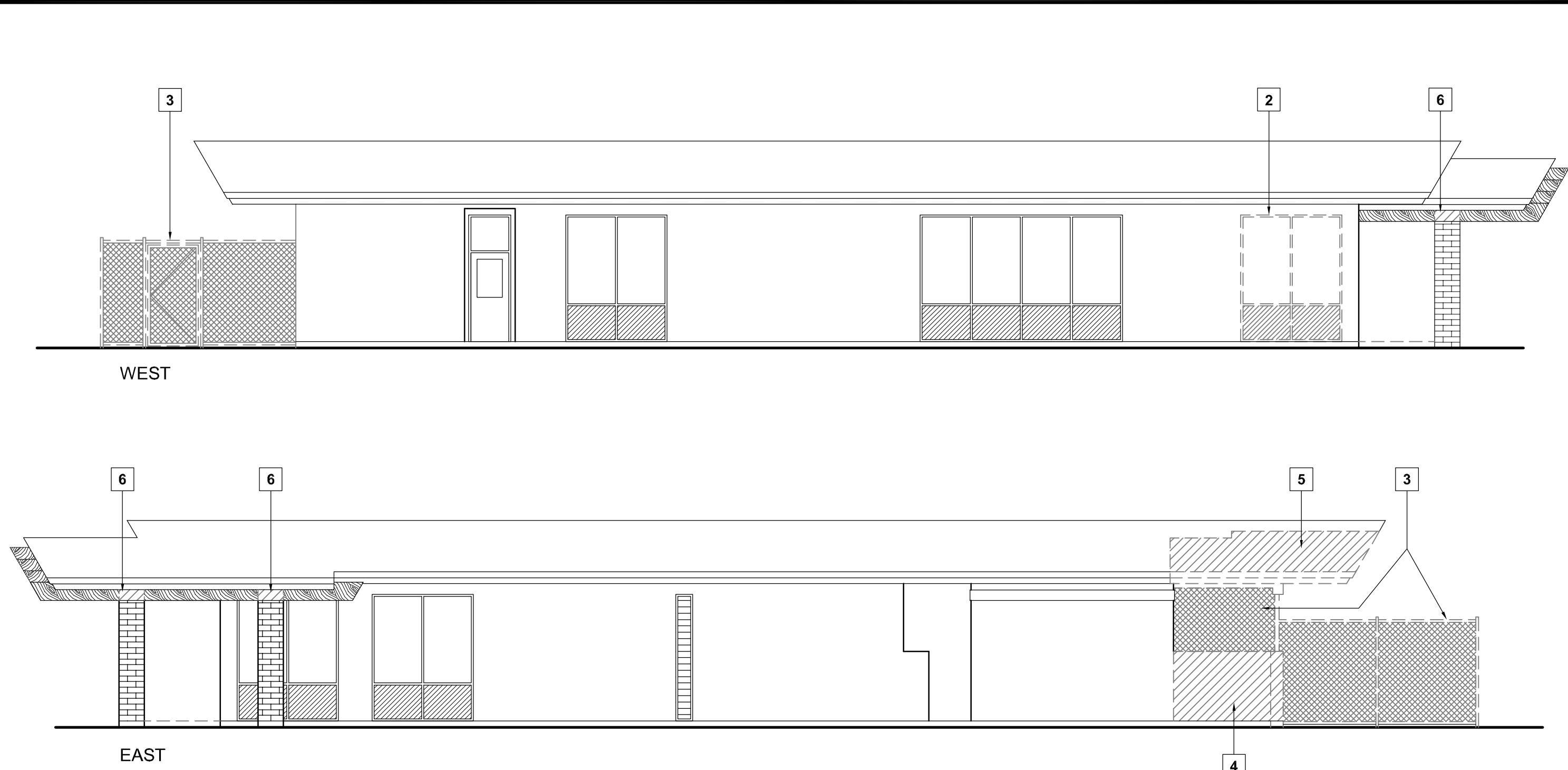
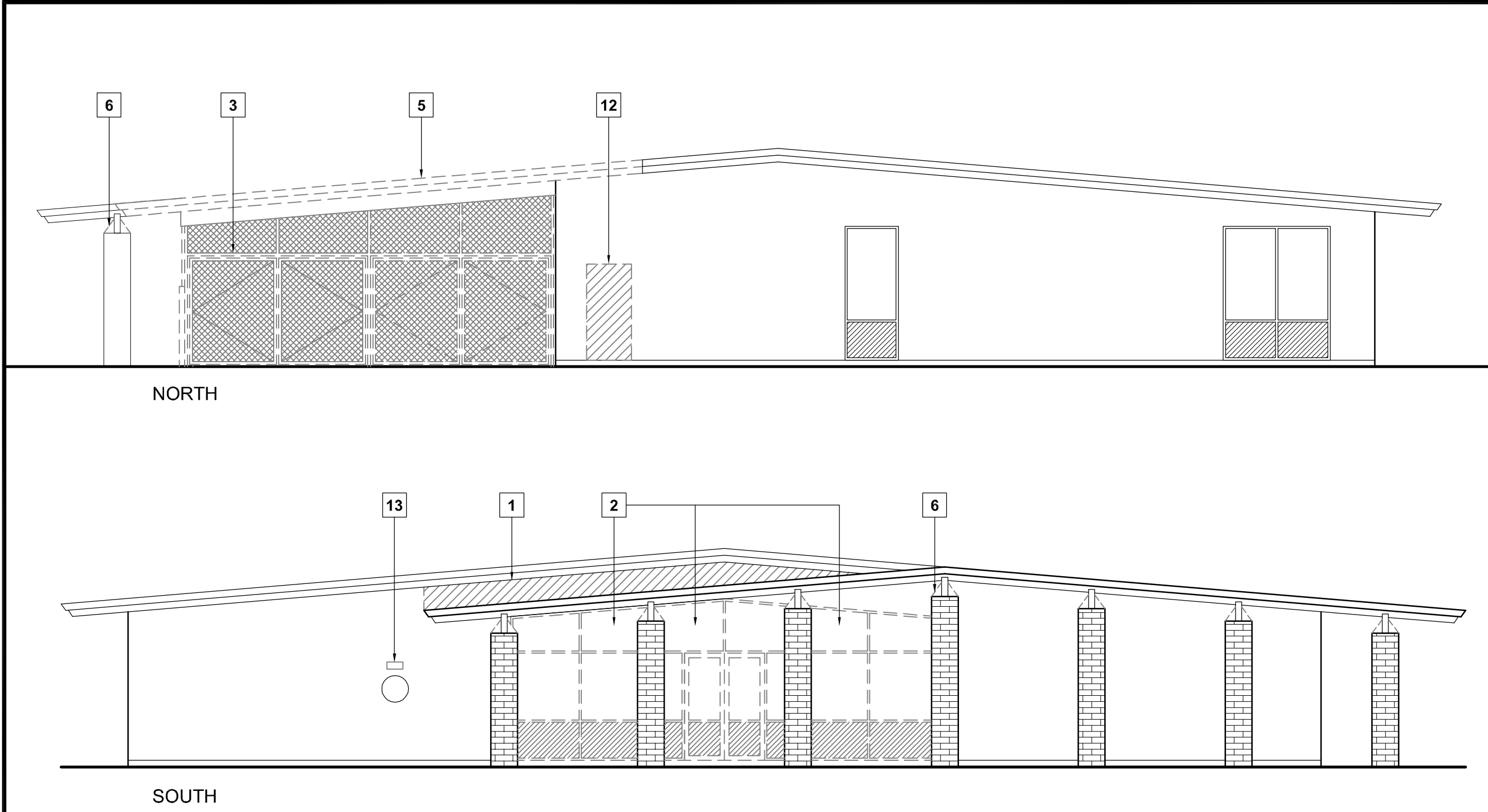
SHEET TITLE

**PHASE I  
DEMOLITION  
FLOOR PLAN,  
ROOF PLAN**

SHEET #

**D2**

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\03 - Phase I Demolition Elevations.dwg, 3/7/2011 1:16:16 PM, PDFP95



## PHASE I DEMOLITION ELEVATIONS

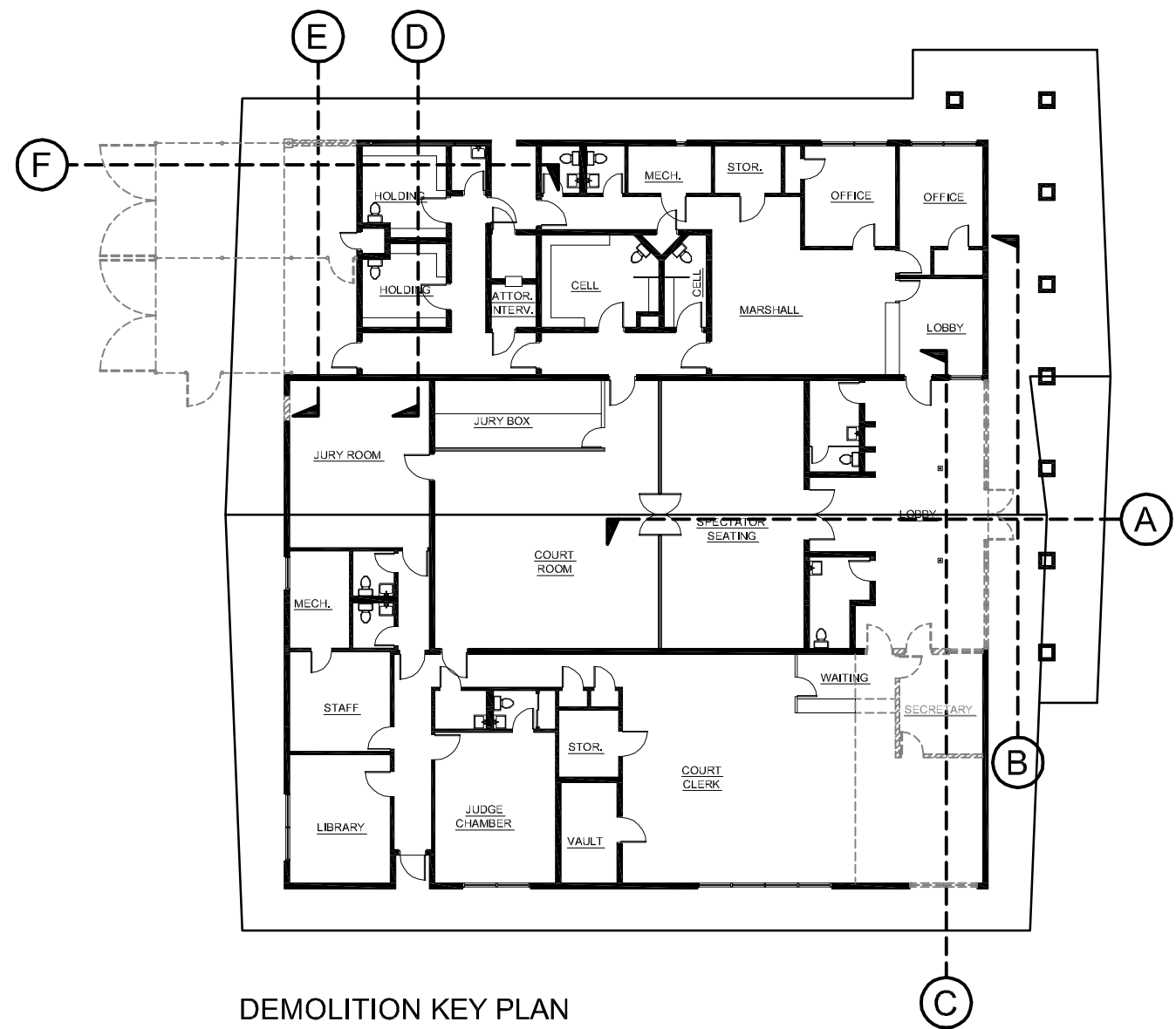
SCALE: 1/8" = 1'-0"

### LEGEND

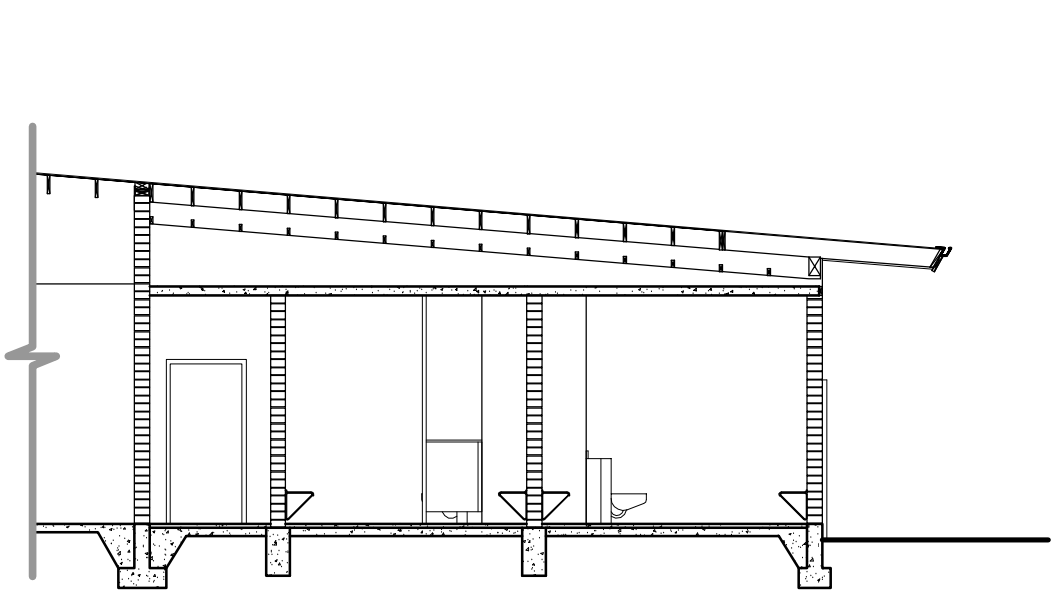
- EXISTING TO REMAIN AND PROTECT  
- - - - - EXISTING TO BE DEMOLISHED

### KEYNOTES:

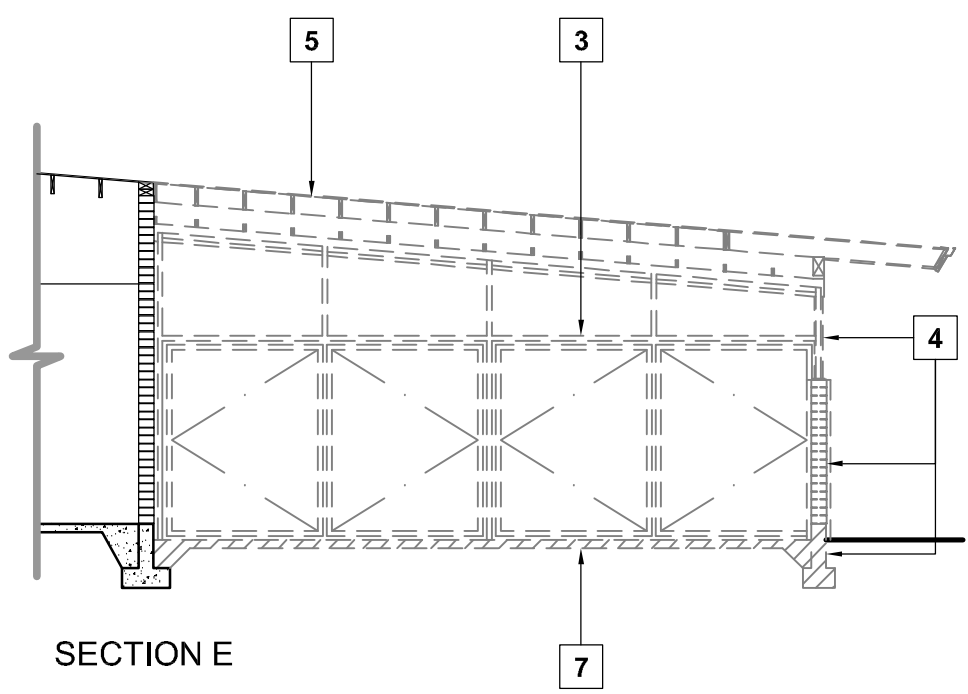
- EXISTING SIDING TO BE REMOVED.
- DISASSEMBLE AND REMOVE EXISTING STOREFRONT AND ENTRY DOORS.
- DISASSEMBLE AND REMOVE EXISTING CHAIN LINK AT SALLYPORT.
- DEMOLISH EXISTING BLOCK WALL, STRUCTURAL COLUMN, AND PERIMETER FOUNDATION.
- PORTION OF EXISTING ROOF TO BE DEMOLISHED.
- METAL FILLERS TO BE REMOVED.
- DEMOLISH EXISTING CONCRETE SLAB.
- DOORS, WINDOWS, AND FRAMES TO BE REMOVED AND DELIVERED TO OWNER AS DIRECTED.
- SAWCUT AND DEMOLISH PORTION OF EXISTING INTERIOR BLOCK WALL.
- EXISTING WOOD FRAMED WALL TO BE DEMOLISHED AND REMOVED FROM SITE; PULL WIRING AND OTHER INSTALLATIONS INTO ATTIC SPACE TO CLEAR NEW CONSTRUCTION.
- ALL CEILING TILES, LIGHT FIXTURES AND SUSPENSION SYSTEM IN THIS AREA TO BE REMOVED AND DELIVERED TO OWNER AS DIRECTED.
- SAWCUT OPENING IN EXISTING BLOCK WALL FOR NEW DOOR.
- REMOVE EXISTING ADDRESS NUMBERS.



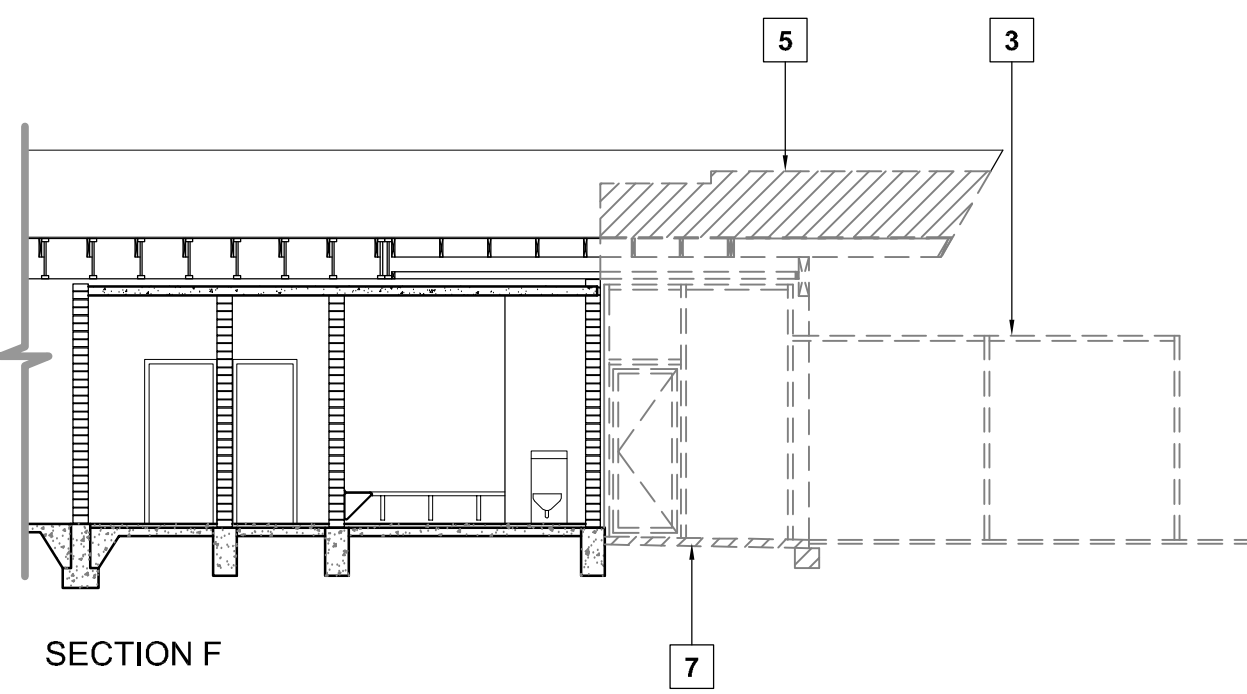
DEMOLITION KEY PLAN



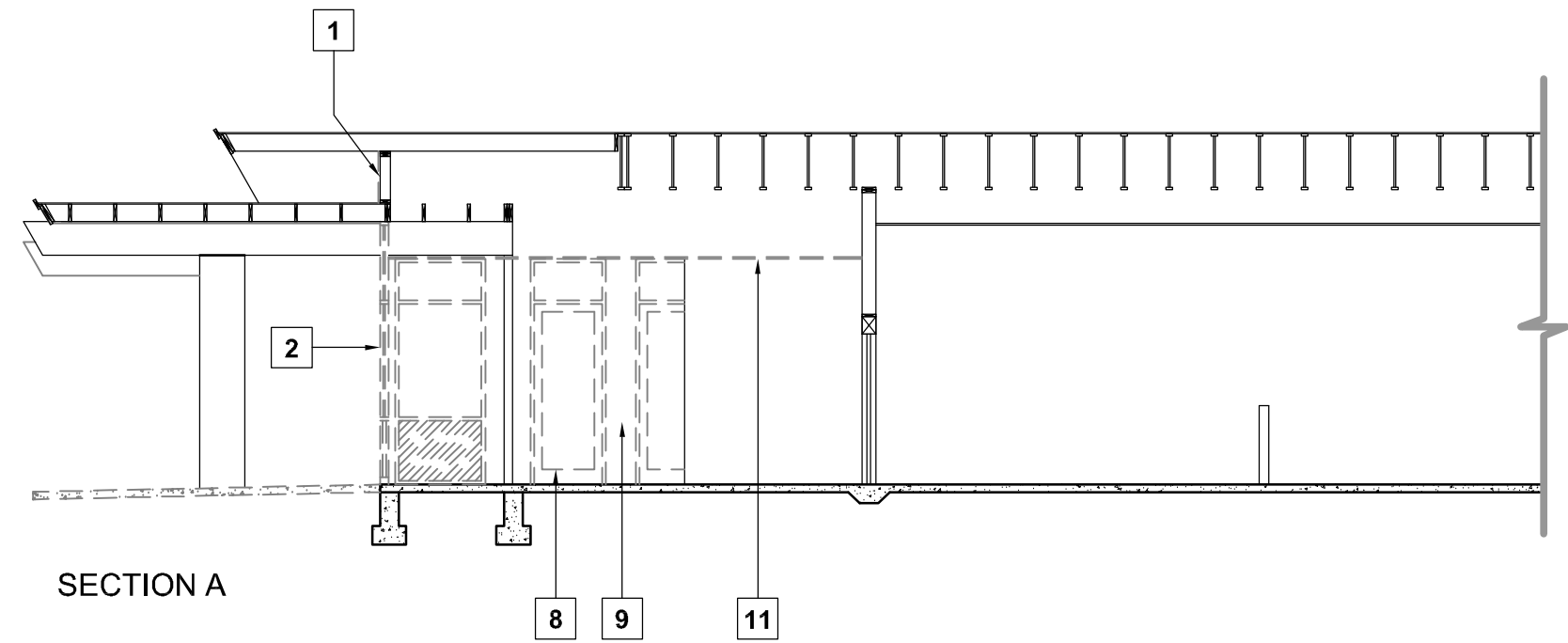
SECTION D



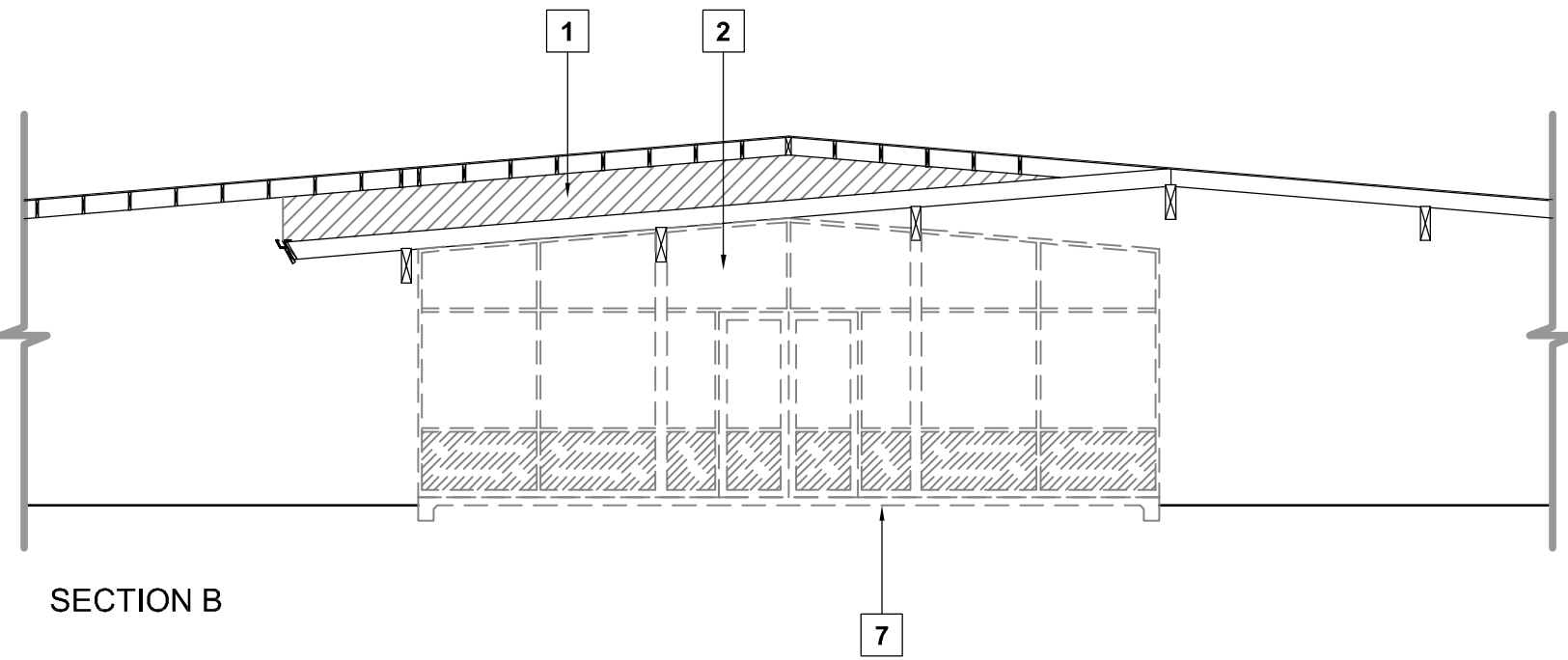
SECTION E



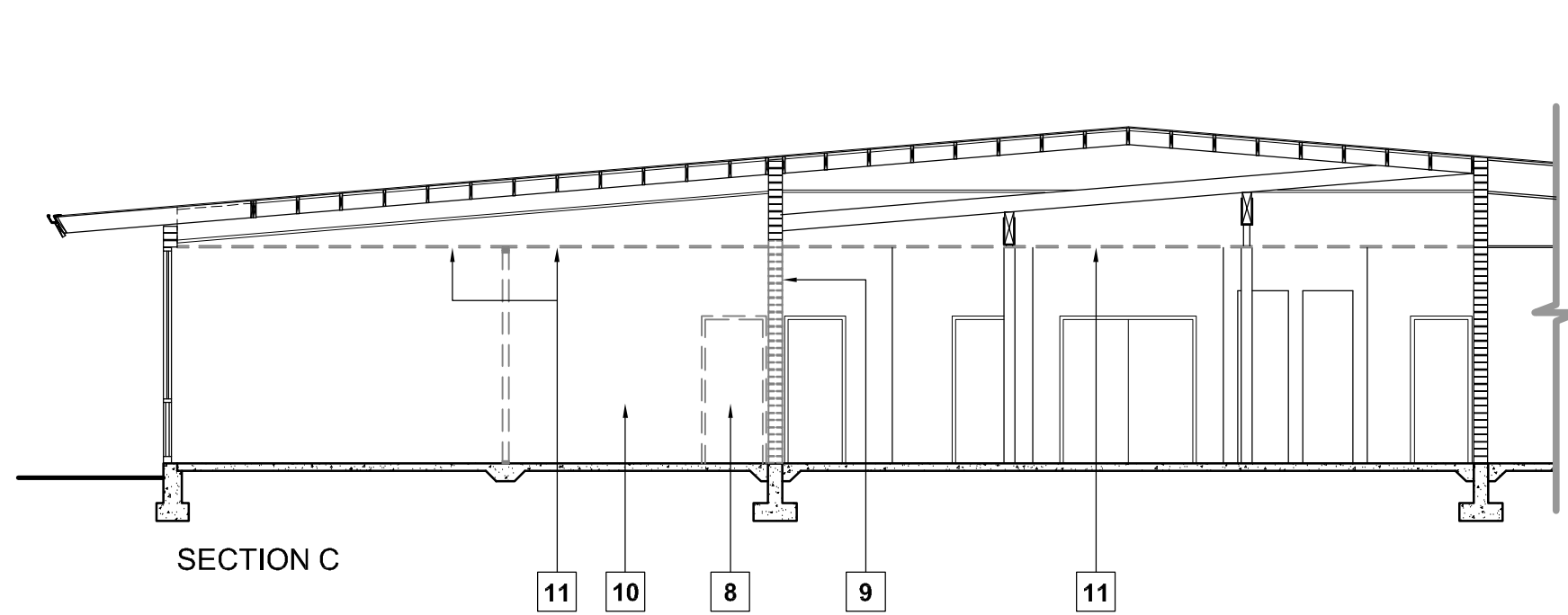
SECTION F



SECTION A



SECTION B



SECTION C

## PHASE I DEMOLITION SECTIONS

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

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

**FRASER  
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SHEET TITLE

**PHASE I  
DEMOLITION  
ELEVATIONS,  
SECTIONS**

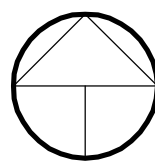
SHEET #

**D3**



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A1.1 - Phase I Site Plan.dwg, 3/23/2011 12:14:46 PM, PDF995

LINCOLN AVENUE

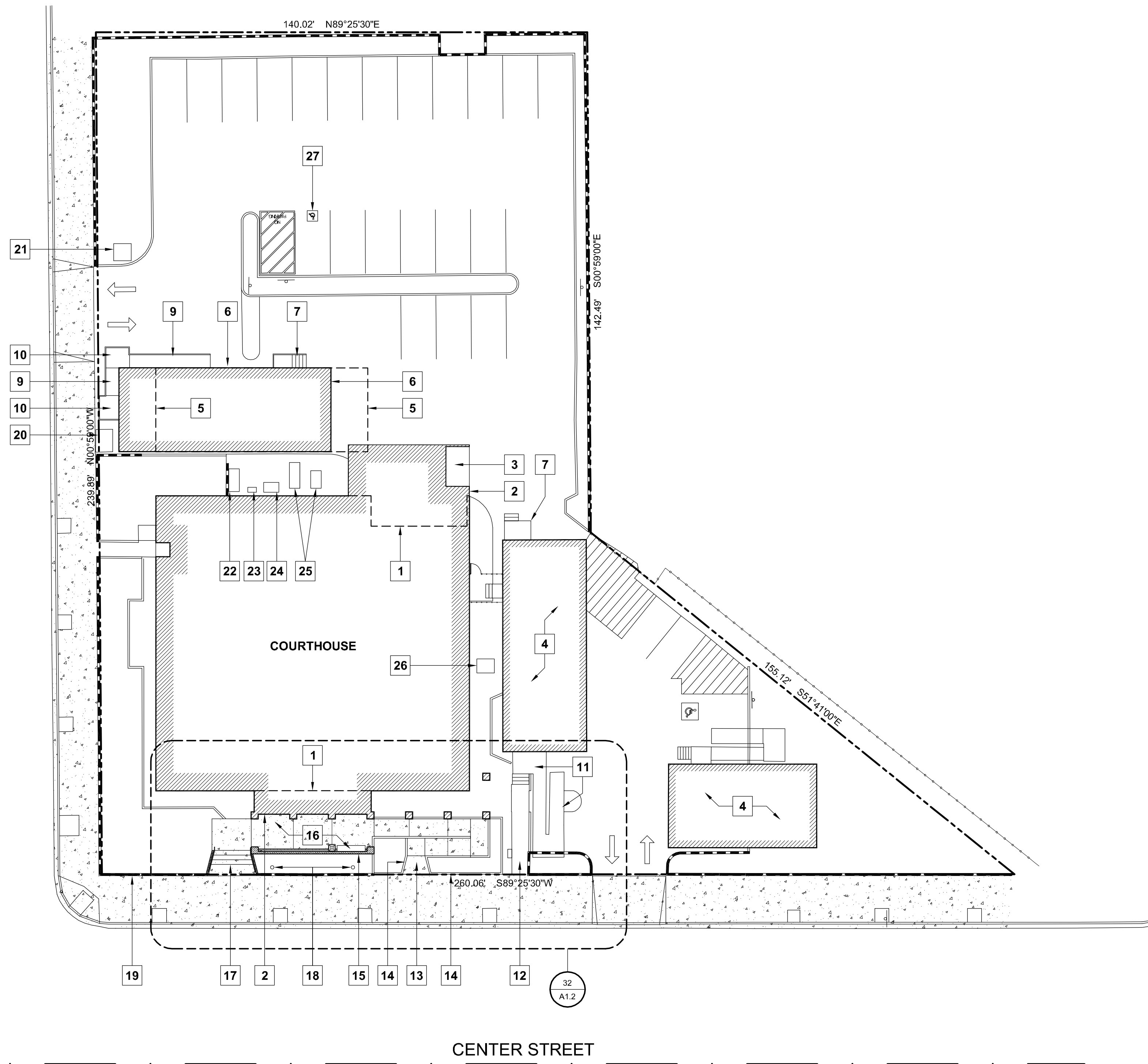


## PHASE 1 SITE PLAN

SCALE: 1" = 20'-0"

### SITE PLAN KEYNOTES

- |   |   |
|---|---|
| 1. LINE OF EXISTING BUILDING WALL.                            | 14. NEW CONCRETE CURB.  |
| 2. LINE OF NEW BUILDING WALL.                                 | 15. NEW CONCRETE BLOCK WALL/SIGN MONUMENT.  |
| 3. NEW CONCRETE SALLYPORT LANDING.                            | 16. NEW CONCRETE LANDING.   |
| 4. EXISTING PORTABLE BUILDING TO REMAIN.                      | 17. NEW CONCRETE STAIR SET.   |
| 5. EXISTING LOCATION OF EXISTING PORTABLE BUILDING TO REMAIN. | 18. EXISTING FLAGPOLES TO REMAIN.   |
| 6. NEW LOCATION OF EXISTING PORTABLE BUILDING TO REMAIN.      | 19. EXISTING CONCRETE BLOCK WALLS TO REMAIN.  |
| 7. RELOCATED WOOD STAIR SET.                                  | 20. (E) TRANSFORMER.  |
| 8. RELOCATED WOOD LANDING.                                    | 21. (E) PG&E VAULT.   |
| 9. NEW WOOD TEMPORARY RAMP WITH HANDRAIL.                     | 22. (E) PG&E METER.   |
| 10. NEW WOOD TEMPORARY LANDING WITH HANDRAIL.                 | 23. (E) GAS METER.  |
| 11. EXISTING WOOD RAMP, STAIR SET, AND LANDINGS TO REMAIN.    | 24. (E) MAIN ELECTRICAL PANEL.  |
| 12. EXISTING CONCRETE WALK TO REMAIN.                         | 25. (E) RELOCATED AC UNITS.   |
| 13. NEW CONCRETE RAMP AND LANDING.                            | 26. (E) AC UNIT.  |
|   | 27. RESTRIPE (E) ACCESSIBLE PARKING STALL PER DETAIL 31/A1.3. IF EXISTING SIGNAGE DOES NOT MEET SUBSTANTIAL COMPLIANCE, REPLACE PER DETAILS 42 & 44/A1.3. |



PROJECT

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SHEET TITLE

**PHASE I SITE PLAN**

SHEET #

**A1.1**

PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

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DATES 03/07/11

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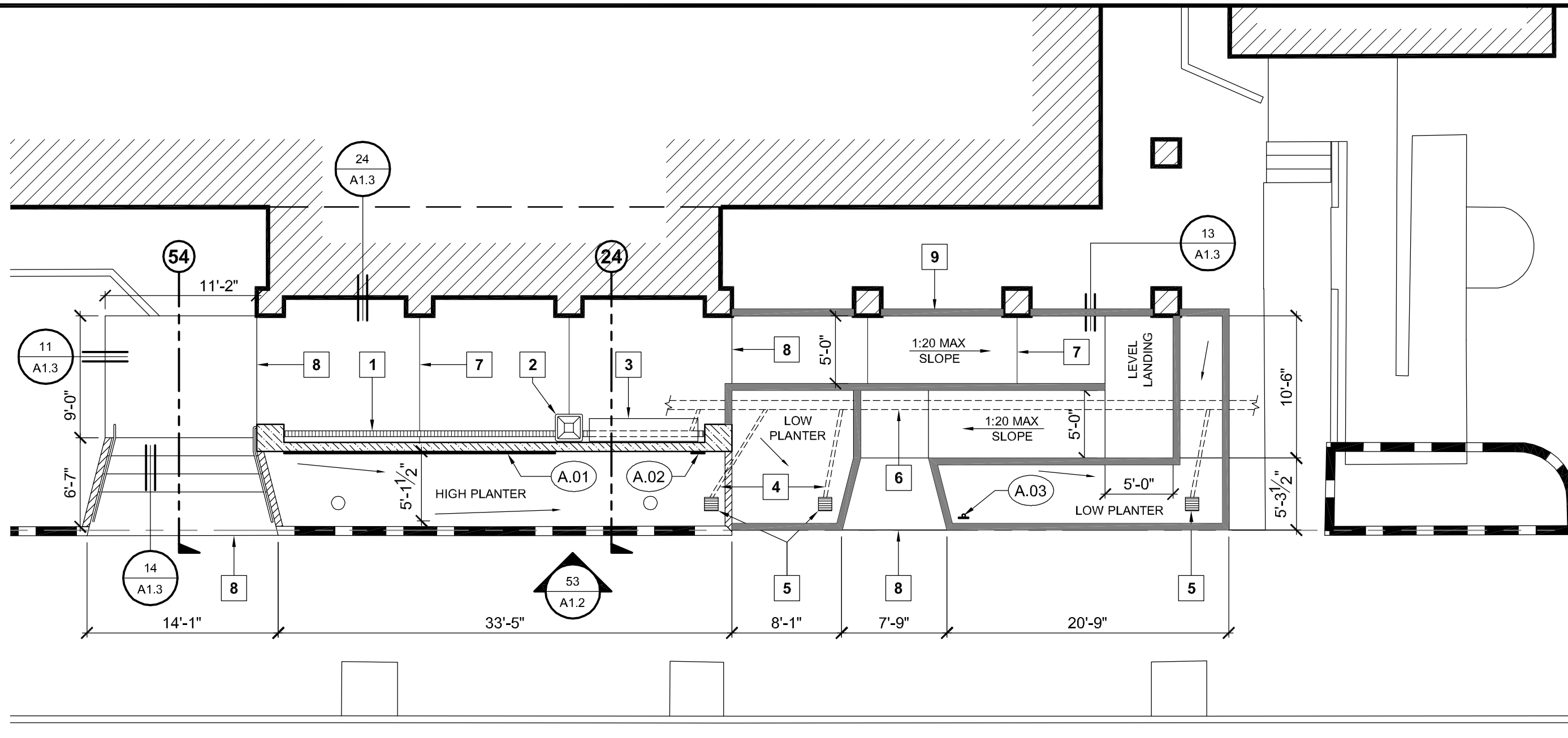
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SHEET TITLE

PHASE I  
SITE DETAILS

SHEET #

A1.2



32

PHASE I - ENLARGED SITE PLAN

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

SITE KEYNOTES

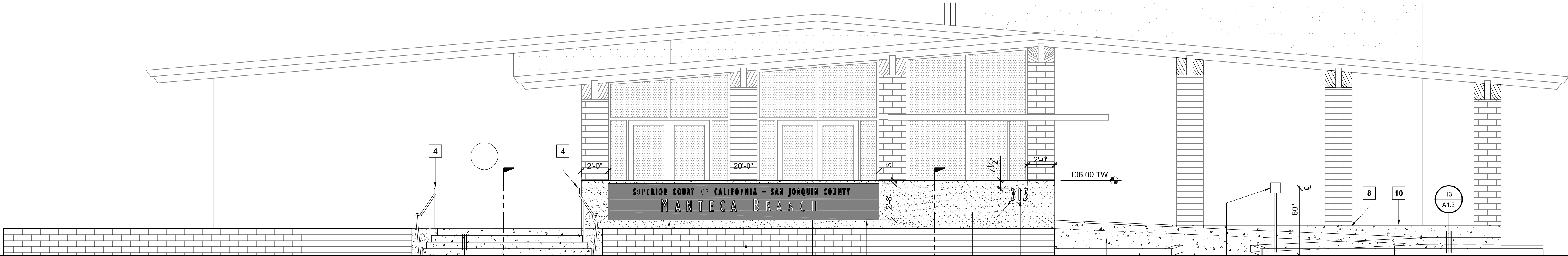
1. LINEAR DRAIN w/ IRON GRATE.
2. TRASH RECEPTACLE.
3. BENCH.
4. 3"Ø SCHEDULE 40 PVC DRAIN LINE. CONNECT TO EXISTING STORMWATER PIPE.
5. 12"x12" CONCRETE DROP INLET w/ PLASTIC YARD GRATE.
6. (E) 8"Ø CONCRETE STORMWATER PIPE.
7. CONTROL JOINT, TYP.
8. EXPANSION JOINT PER DETAIL 12/A1.3
9. 6" CONCRETE CURB WALL, SEE NOTE 10 UNDER ELEVATION KEYNOTES.

8x4x16 CONCRETE BLOCK RETAINING WALL, EXISTING

NEW 8" CONCRETE BLOCK RETAINING WALL, TOP AT +102.50

NEW 8" CONC. BLOCK SIGN WALL AND 24" SQ. PILASTERS, TOP AT +106.00

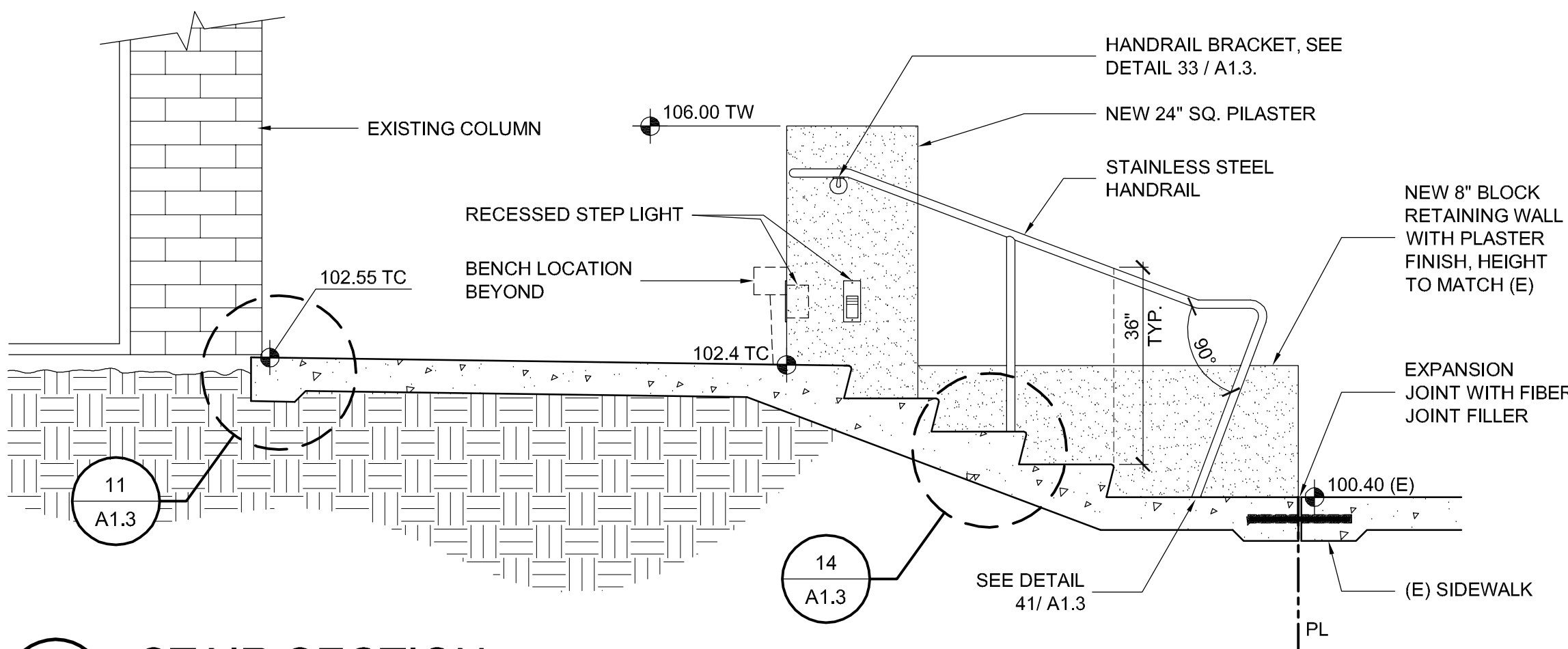
NEW 6" WIDE CONC. WHEEL GUIDE / CURB, 6" ABOVE RAMP / WALK SURFACE



53

SIGN WALL ELEVATION

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



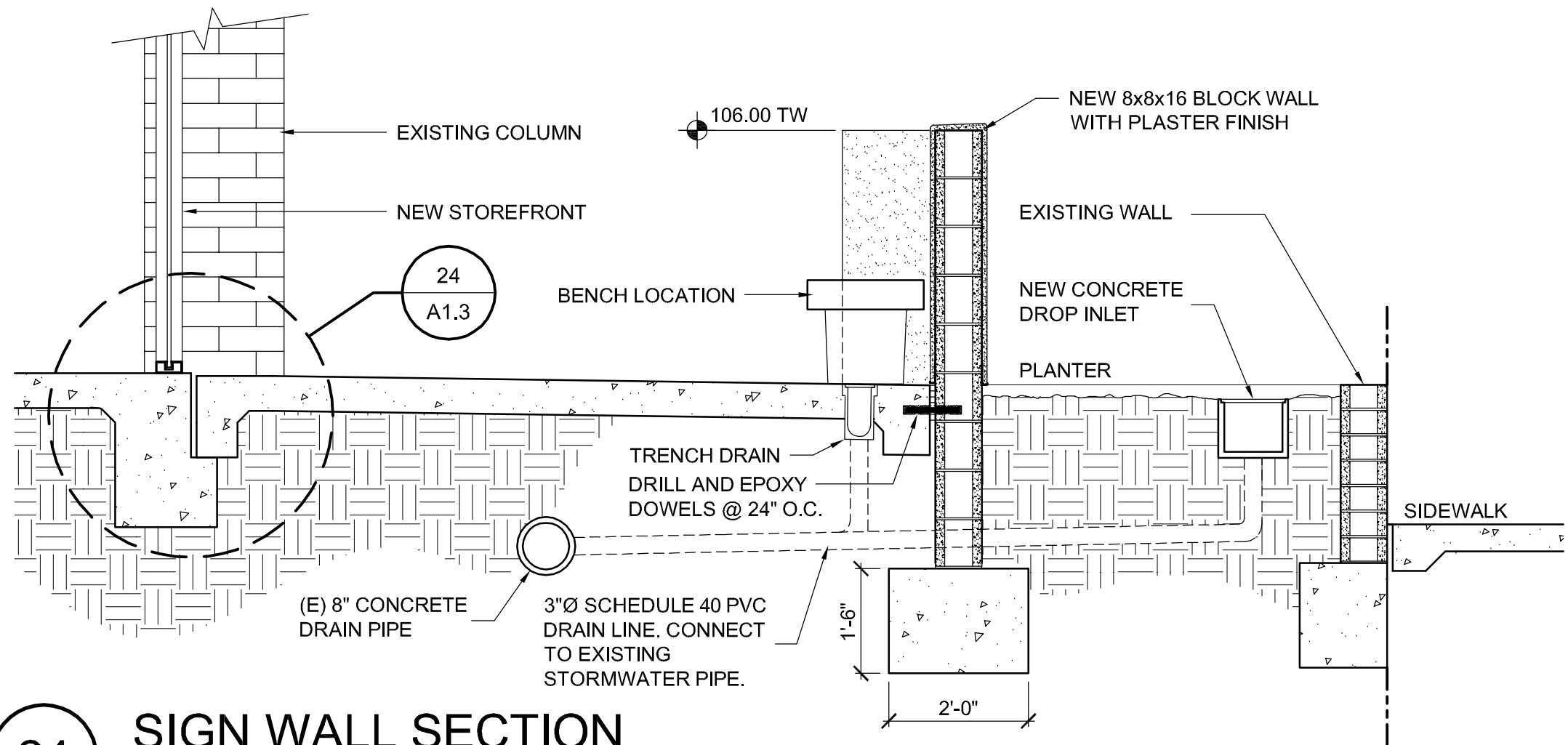
54

STAIR SECTION

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

ELEVATION KEYNOTES

1. ALUMINUM COMPOSITE SIGNBOARD.
2. RAISED BRUSHED ALUMINUM LETTERS, GILL SANS MT CONDENSED TYPEFACE.
3. NEW BLOCK WALL WITH PLASTER FINISH, COLOR TO MATCH (E) BLOCK WALL.
4. HANDRAIL.
5. NEW CONCRETE STEPS.
6. NEW RAMP AT 5% MAX. SLOPE. LINE OF RAMP BEYOND.
8. 6" CONCRETE CURB AT PLANTER.
9. EXISTING RETAINING WALL TO REMAIN.
10. CONCRETE CURB, HEIGHT TO MATCH BOTTOM OF (E) BLOCK COLUMNS. MAINTAIN HEIGHT OF 6" ABOVE ADJACENT RAMP BETWEEN THE TOP LANDING AND THE FIRST COLUMN.
11. GROUND, SACK AND COAT (E) CONCRETE TO MATCH ADJACENT.
12. 6" CONCRETE CURB WALL, 6" ABOVE SURFACE OF RAMP.

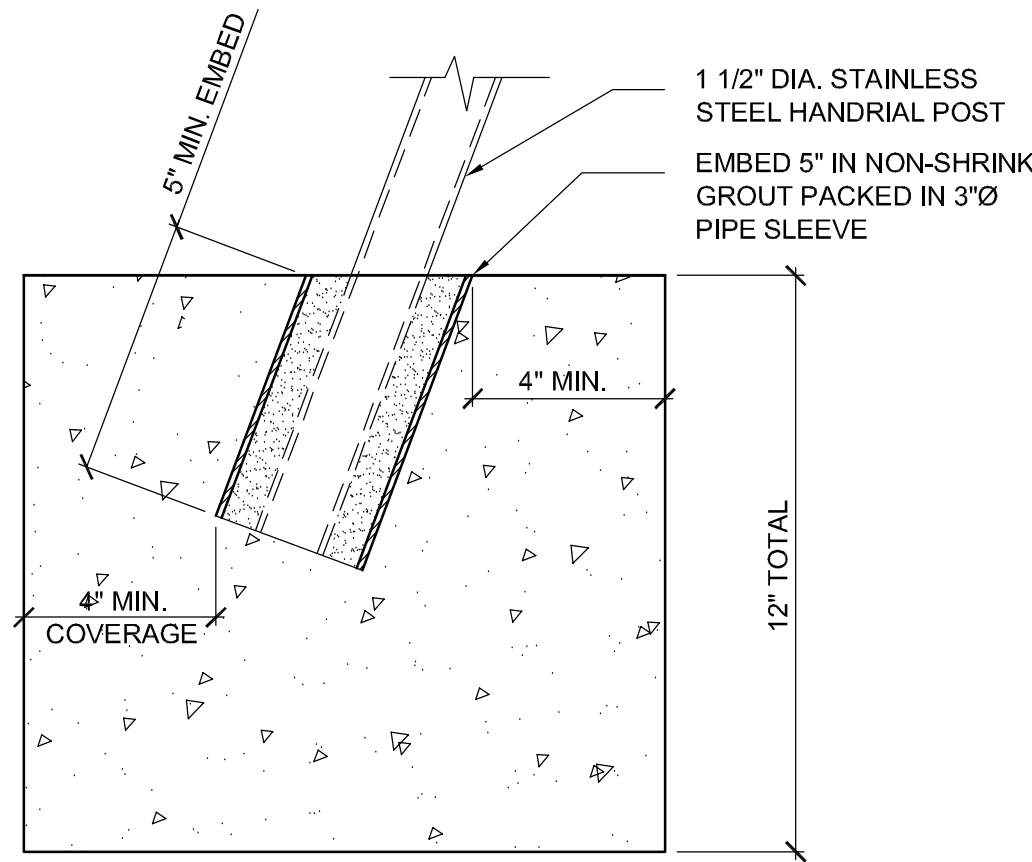


24

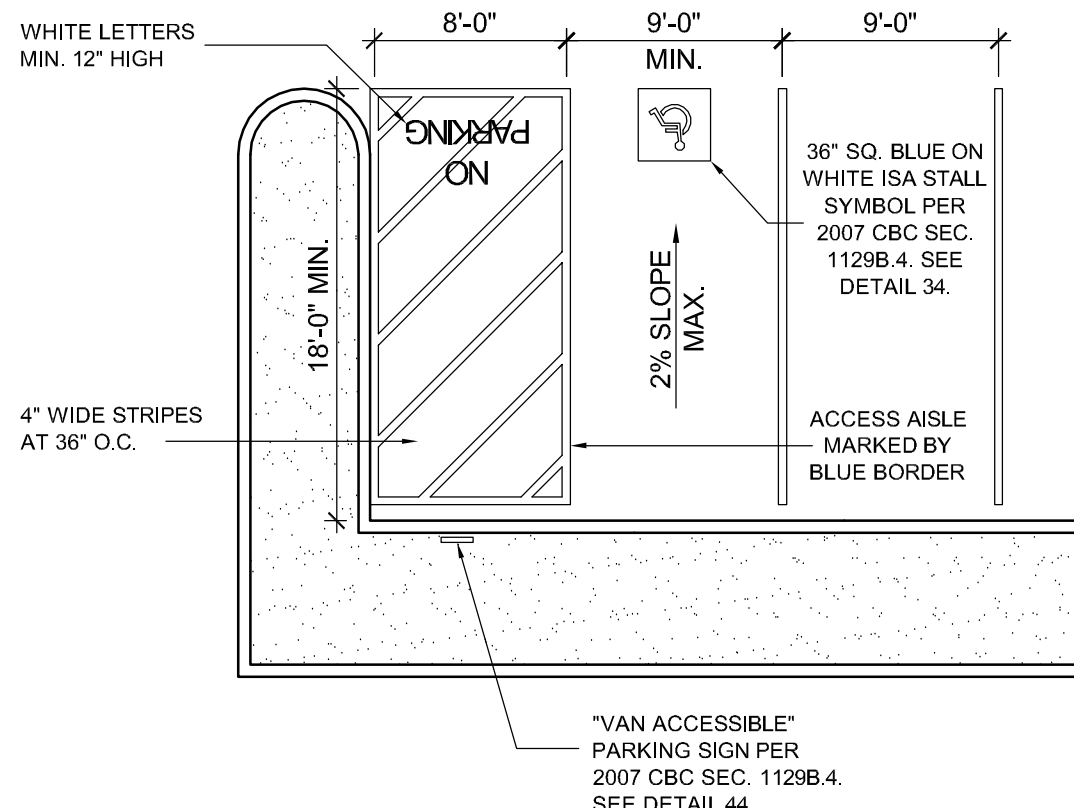
SIGN WALL SECTION

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

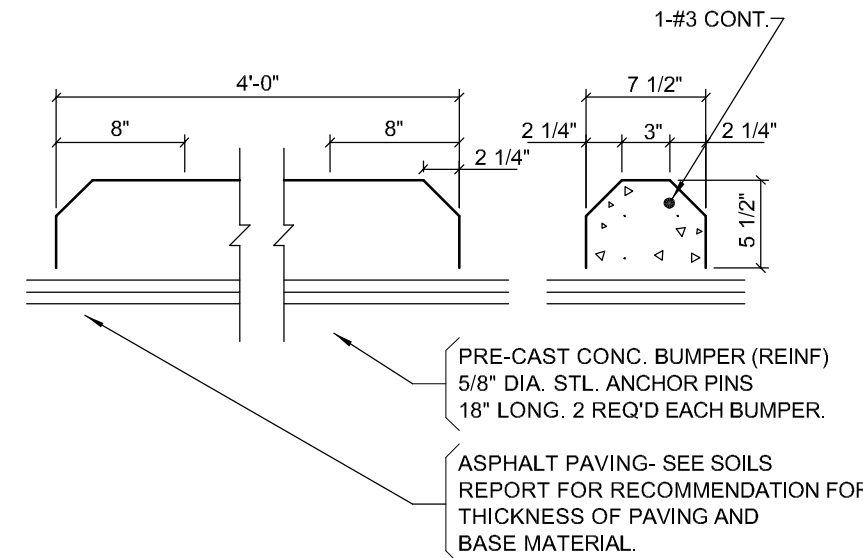
\\John\\Manteca Courthouse 1007\\Drawings\\Sheets\\Phase 1\\A1.2 - Phase I Site Details.dwg, 3/24/2011 12:48:05 PM, PDF995



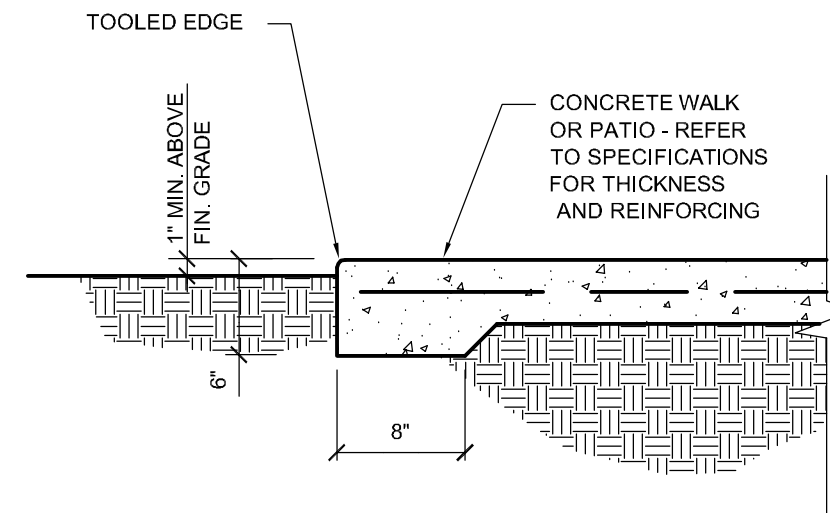
41 HANDRAIL POST  
3"= 1' -0"



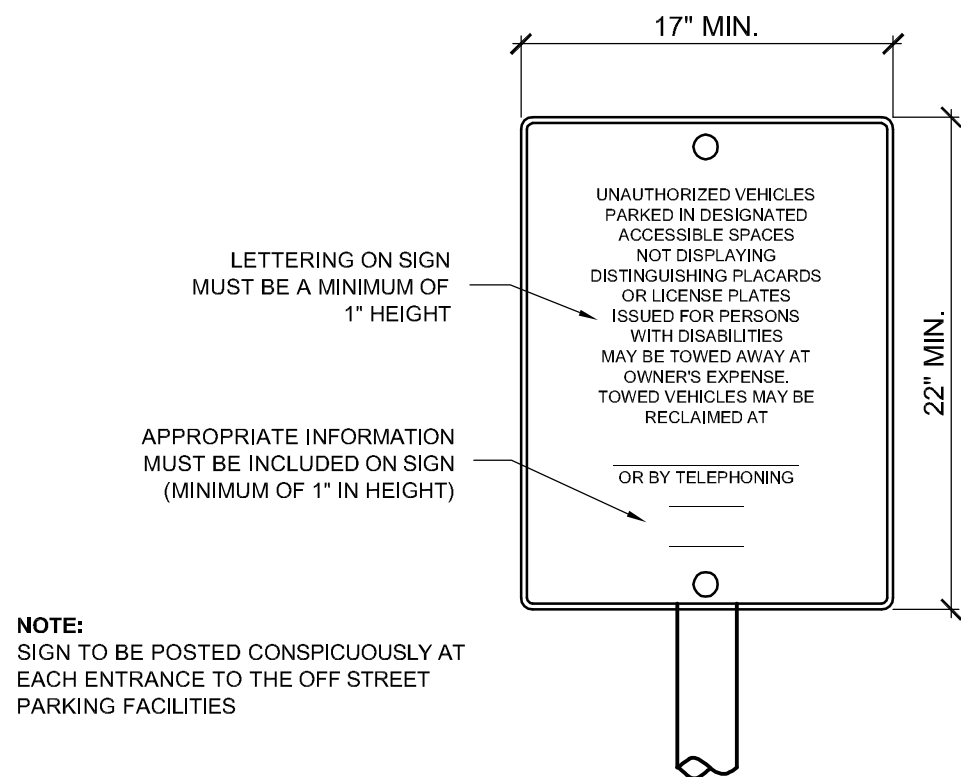
31 VAN ACCESSIBLE PRKG  
1/8"= 1' -0"



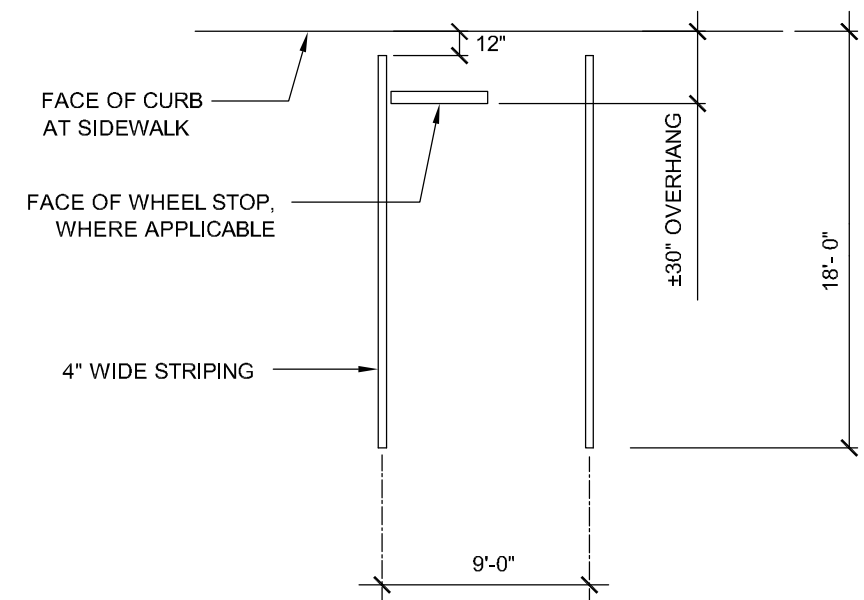
21 WHEEL STOP  
1"= 1' -0"



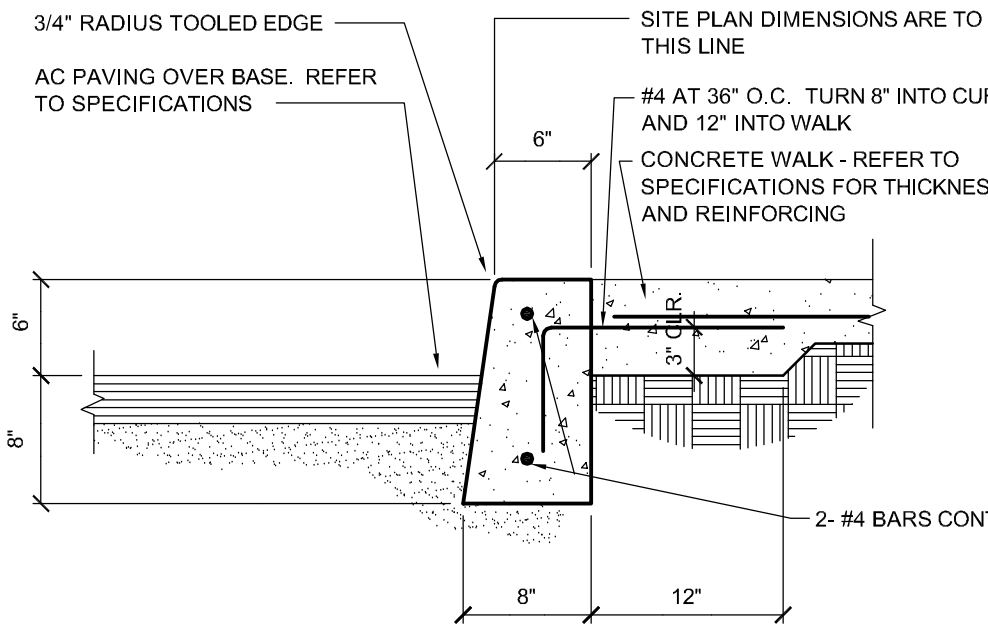
11 WALK / PATIO EDGE  
1"= 1' -0"



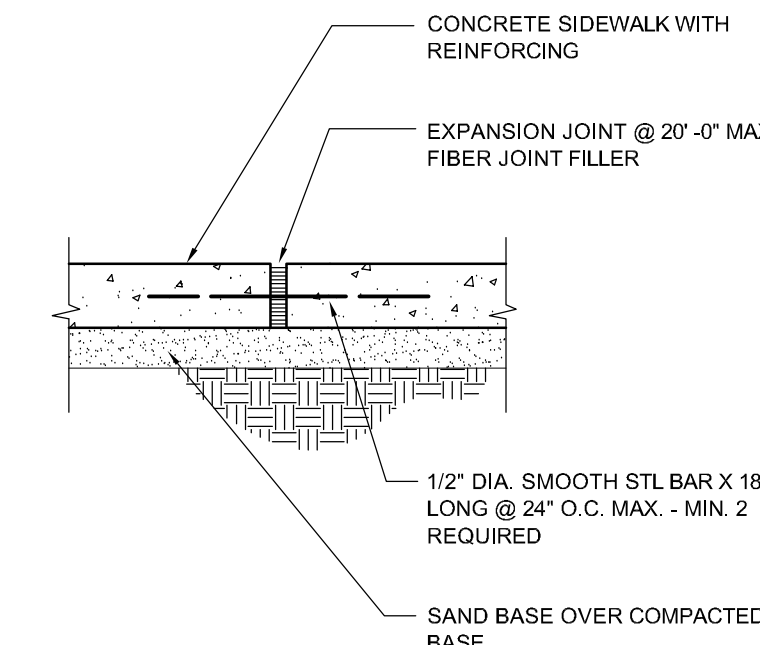
42 UNAUTHORIZED VEHICLE SIGNS  
1 1/2"= 1' -0"



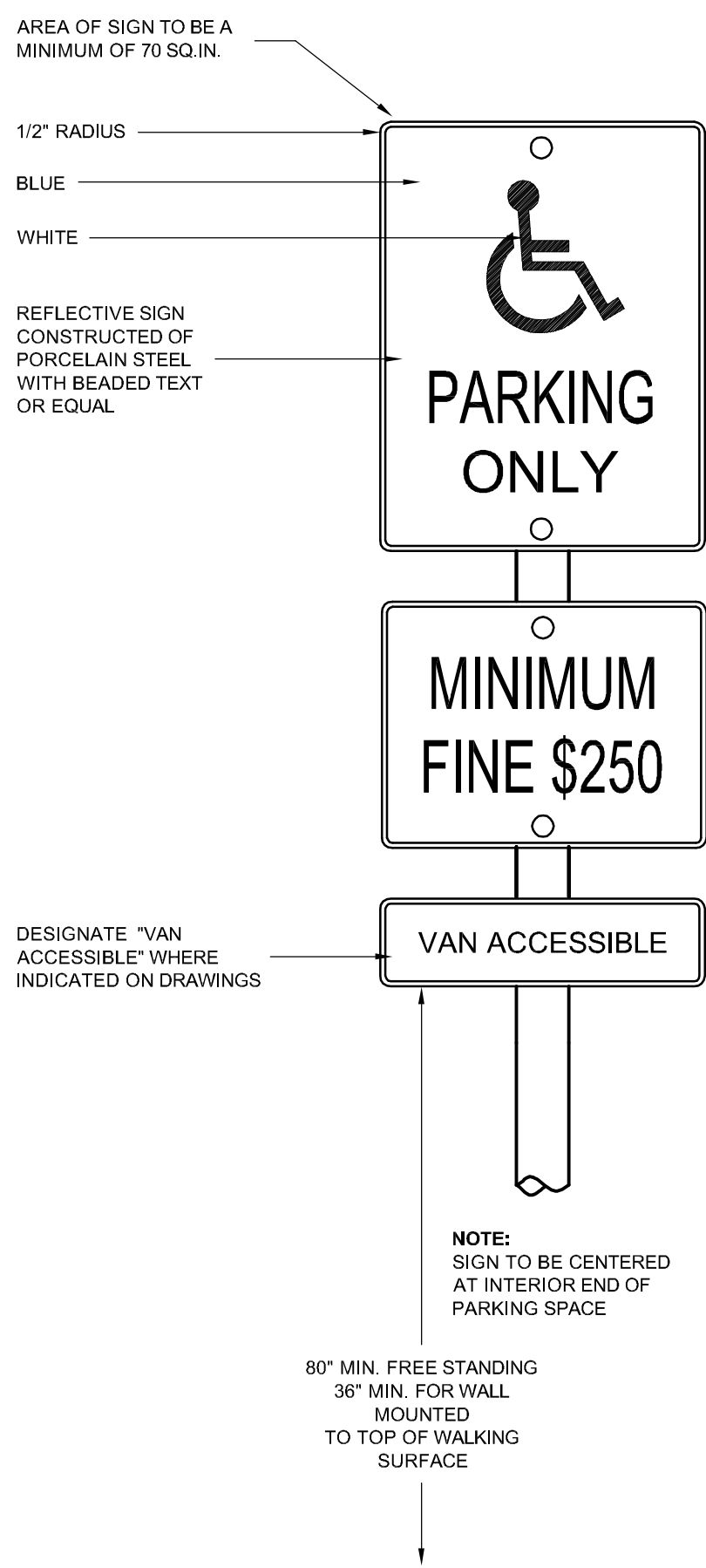
32 PARKING SPACE STRIPING AT 90° PARKING STALLS  
NO SCALE



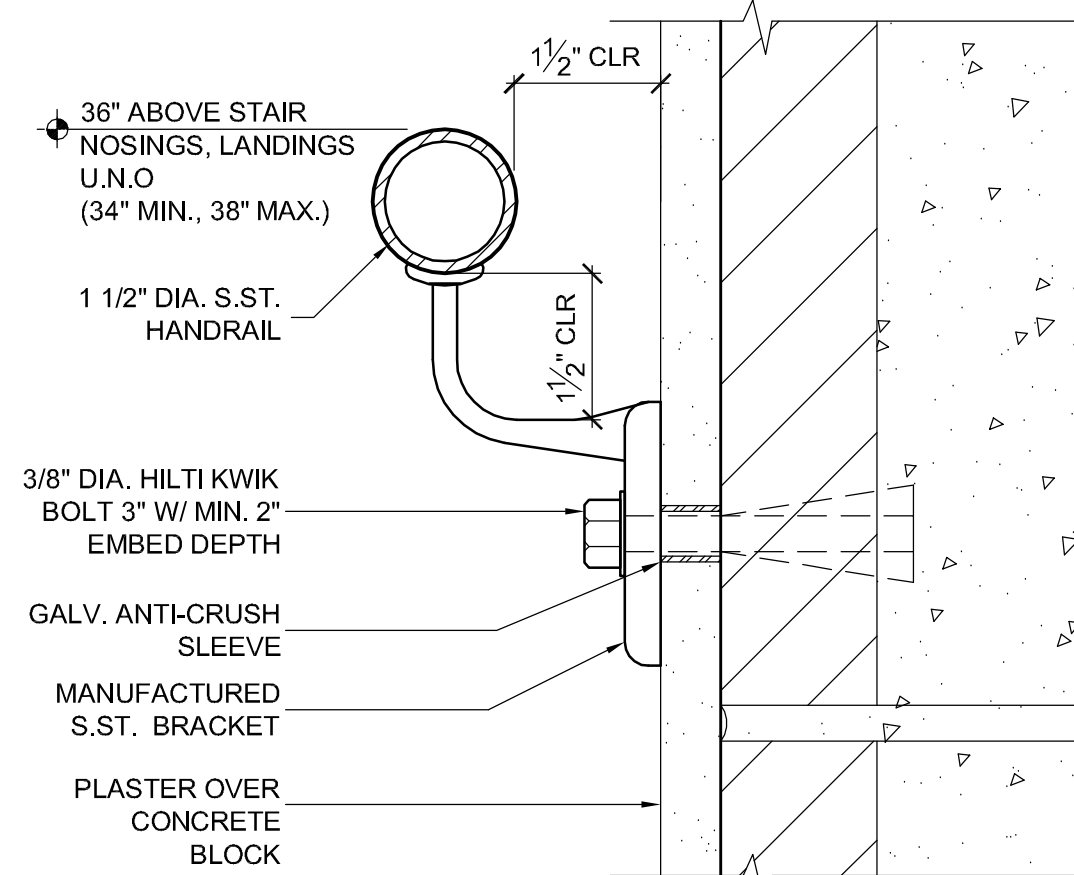
22 CONC. CURB  
1"= 1' -0"



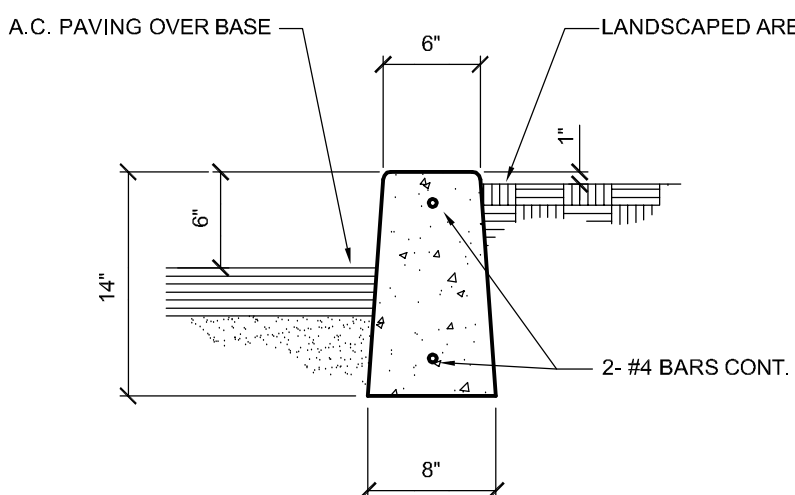
12 EXPANSION JOINT  
1"= 1' -0"



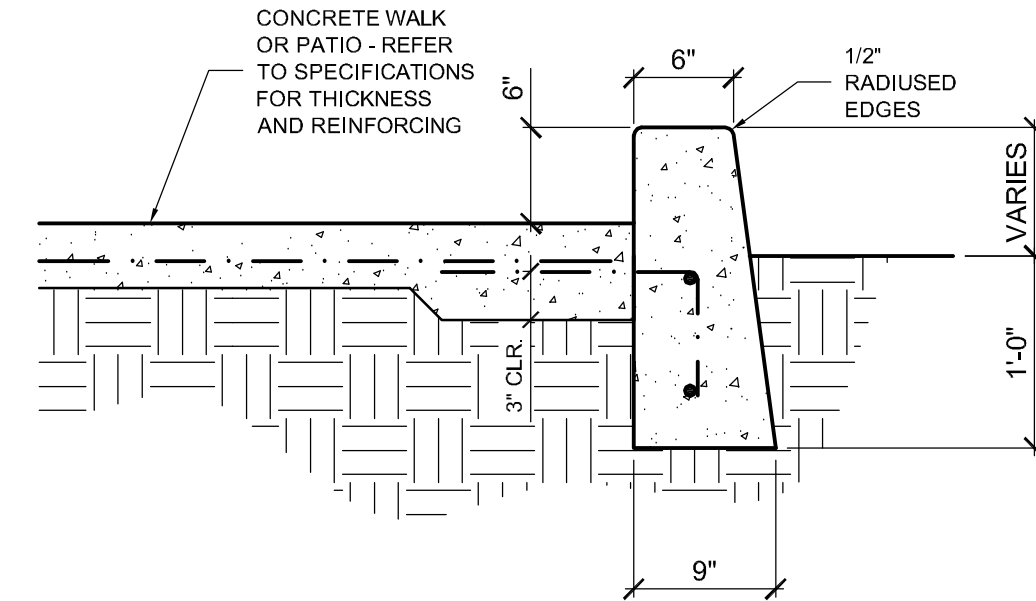
44 PARKING SIGNAGE  
1 1/2"= 1' -0"



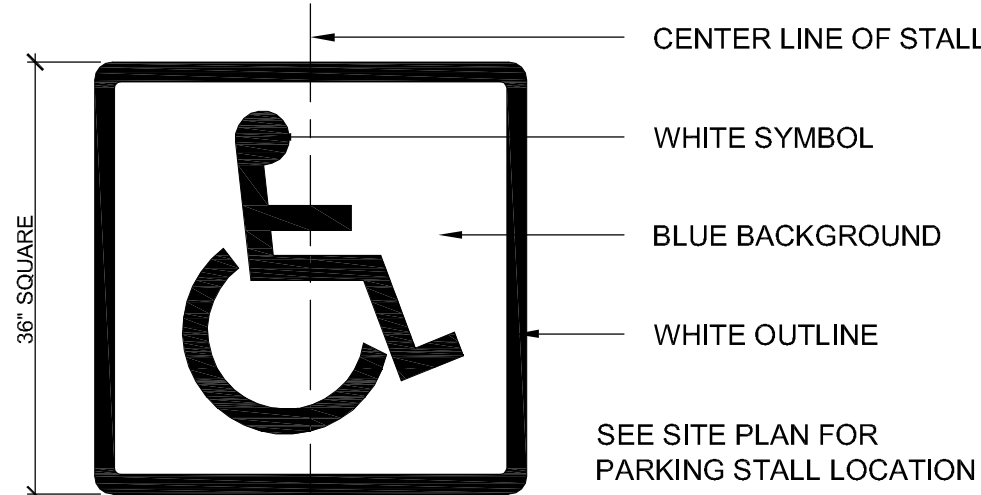
33 HANDRAIL BRACKET  
6"= 1' -0"



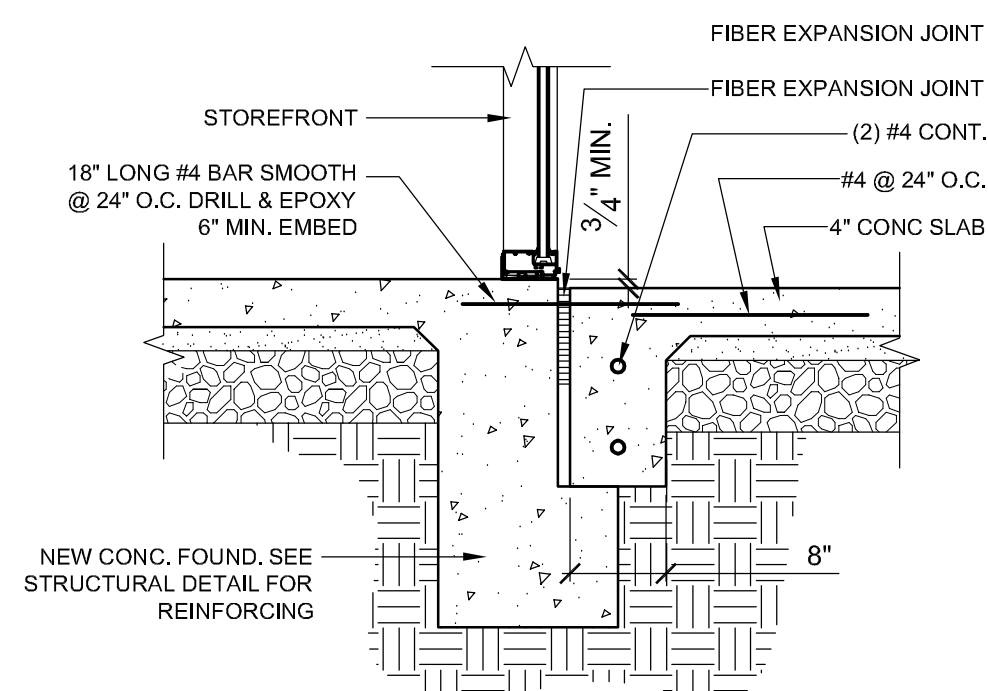
23 CONC. CURB  
1"= 1' -0"



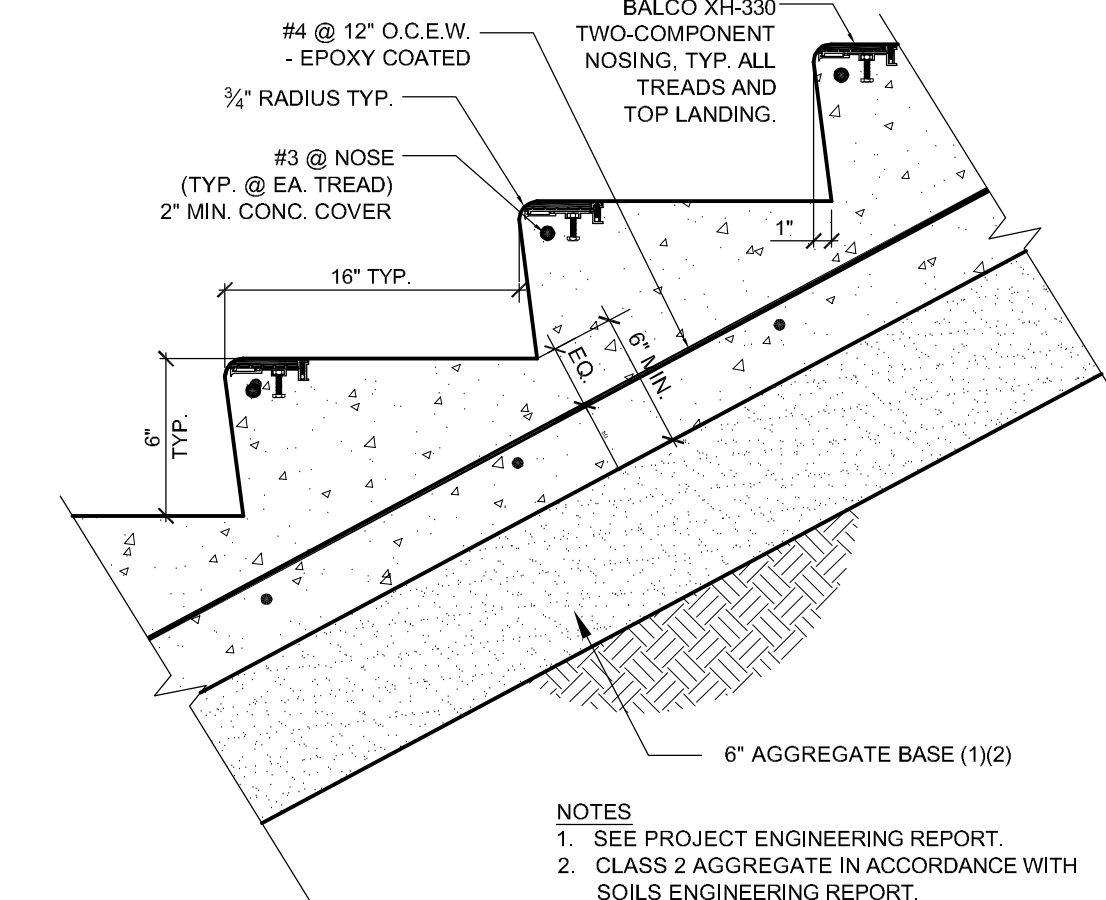
13 WHEEL GUIDE CURB  
1"= 1' -0"



34 ACCESSIBLE PARKING STALL SYMBOL  
3/4"= 1' -0"



24 FOOTING AT WALK  
3/4"= 1' -0"



14 CONCRETE STAIRWAY  
N.T.S.

PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

PHASE 1

CLIENT JOB # ARCHITECT JOB #

1007

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DATES 03/07/11

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SHEET TITLE

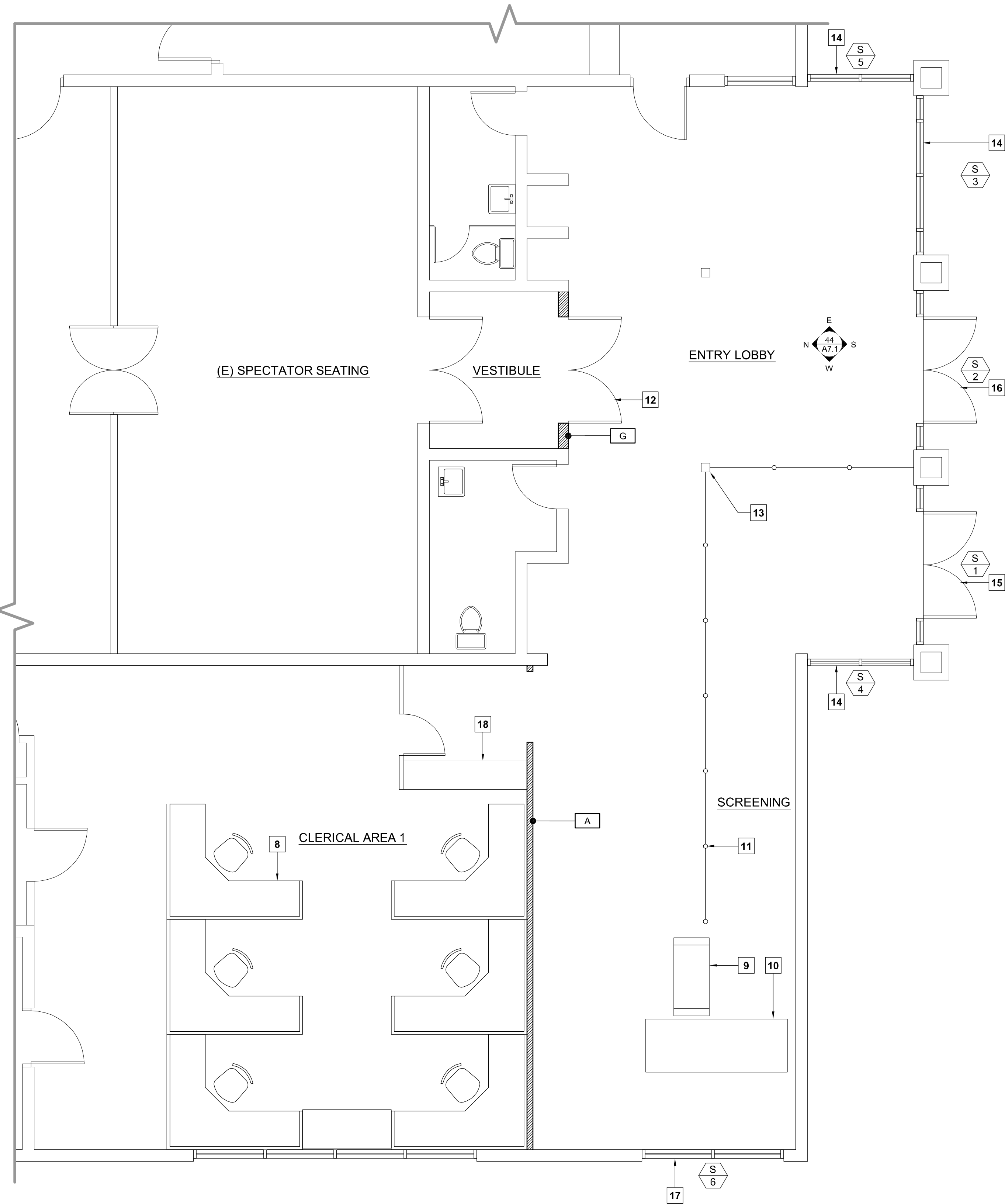
PHASE I  
SITE DETAILS

SHEET #



A1.3



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A2.1 - Phase I Descriptive Floor Plan.dwg, 3/7/2011 1:32:38 PM, PDF995

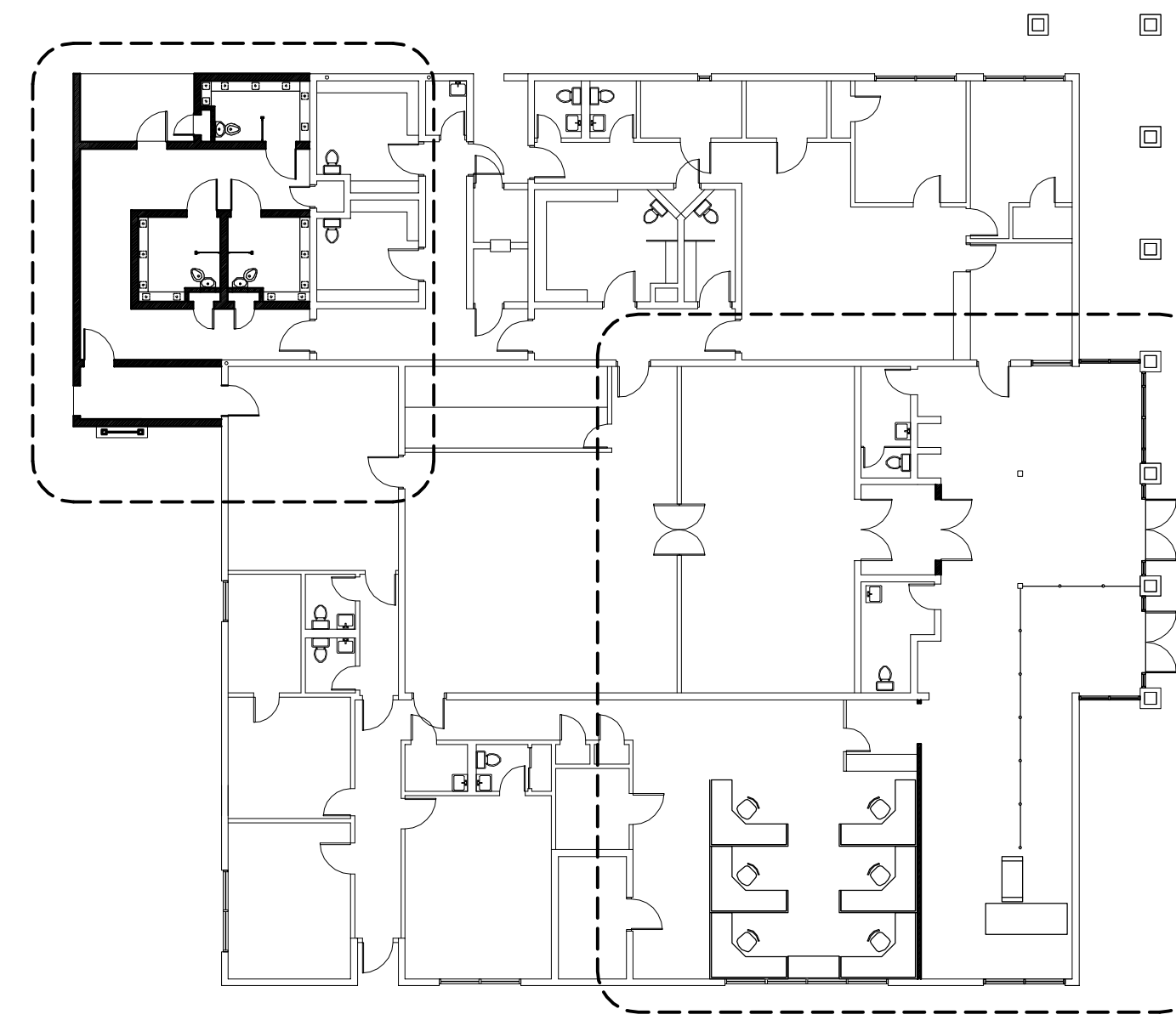


 **PHASE I FLOOR PLAN - LOBBY**  
SCALE: 1/4" = 1'-0"

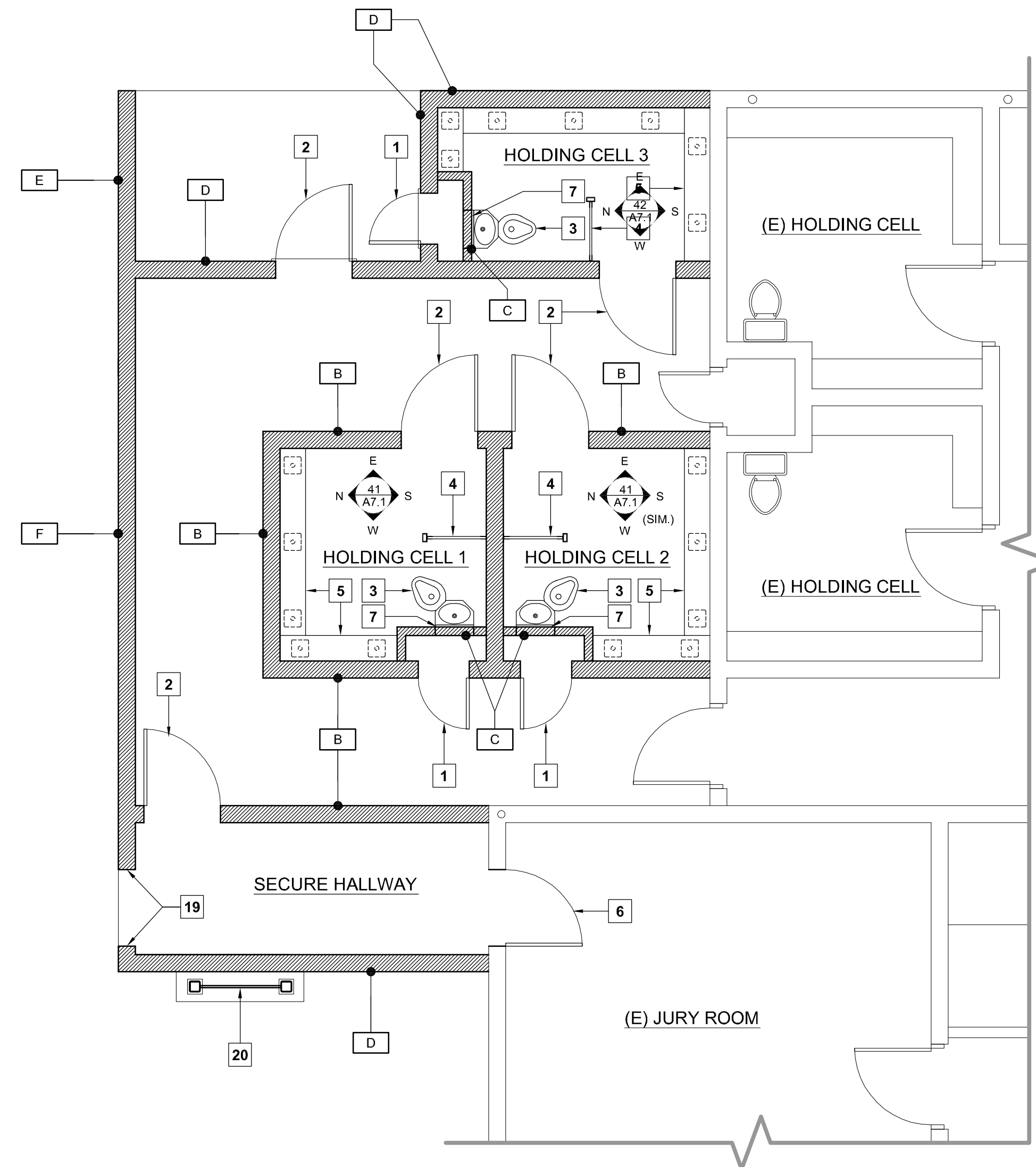
- LEGEND**
-  NEW WALL
  -  EXISTING WALL TO REMAIN

**FLOOR PLAN KEYNOTES**

- 2040 SOLID CORE WOOD DOOR.
- 3070 SOLID CORE STEEL DOOR.
- "COMBY" TOILET / SINK / BUBBLER.
- STAINLESS STEEL PRIVACY SCREEN.
- STAINLESS STEEL 12" FLOOR MOUNTED BENCH.
- 3070 SOLID CORE WOOD DOOR.
- 12-1/2"W X 16-1/2" H STAINLESS STL. MIRROR.
- NEW PREFABRICATED WORK STATIONS AND PARTITIONS.
- WALK-THROUGH METAL DETECTOR BY OTHERS.
- PACKAGE SCANNER BY OTHERS.
- NEW PORTABLE CROWD CONTROL STANCHIONS WITH 48" SOLID PANELS.
- NEW PAIR OF 3080 SOLID CORE WOOD DOORS.
- EXISTING STEEL COLUMN TO REMAIN.
- NEW GLAZED STOREFRONT INFILL.
- NEW STOREFRONT ENTRY - PUBLIC ENTRANCE.
- NEW STOREFRONT ENTRY - EXIT
- STOREFRONT REPLACED WITH TEMPORARY ENTRANCE DURING CONSTRUCTION OF NEW LOBBY.
- EXISTING SERVICE COUNTER TO REMAIN.
- OPENING TO BE TEMPORARILY BLOCKED OFF UNTIL PHASE 2 CONSTRUCTION COMMENCES.
- ROOF ACCESS LADDER.



**PHASE I KEY PLAN**  
SCALE: 1/16" = 1'-0"



 **PHASE I FLOOR PLAN - HOLDING CELL ADDITION**  
SCALE: 1/4" = 1'-0"

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
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**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

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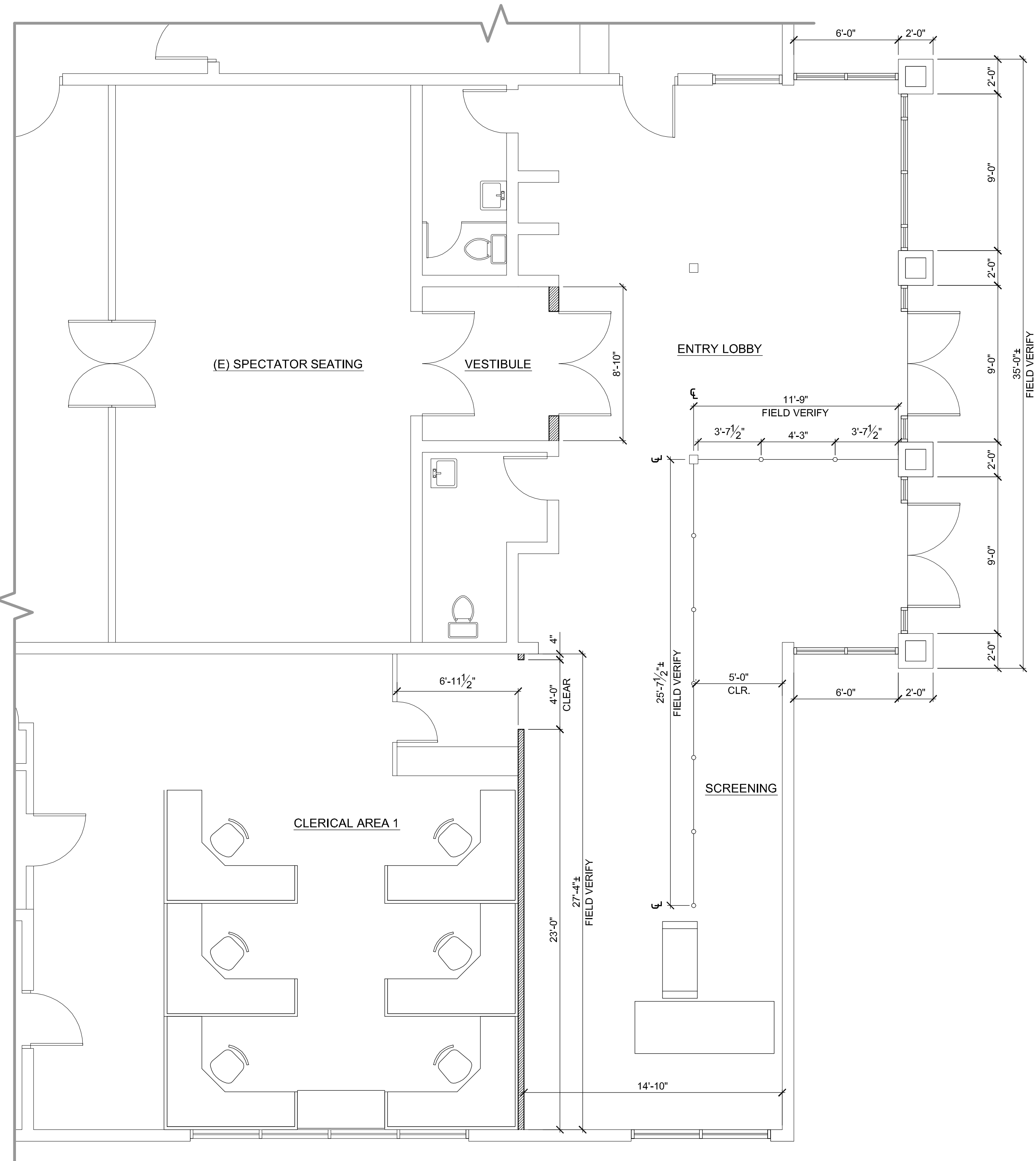
SHEET TITLE

**PHASE I  
DESCRIPTIVE  
FLOOR PLAN**

SHEET #

**A2.1**

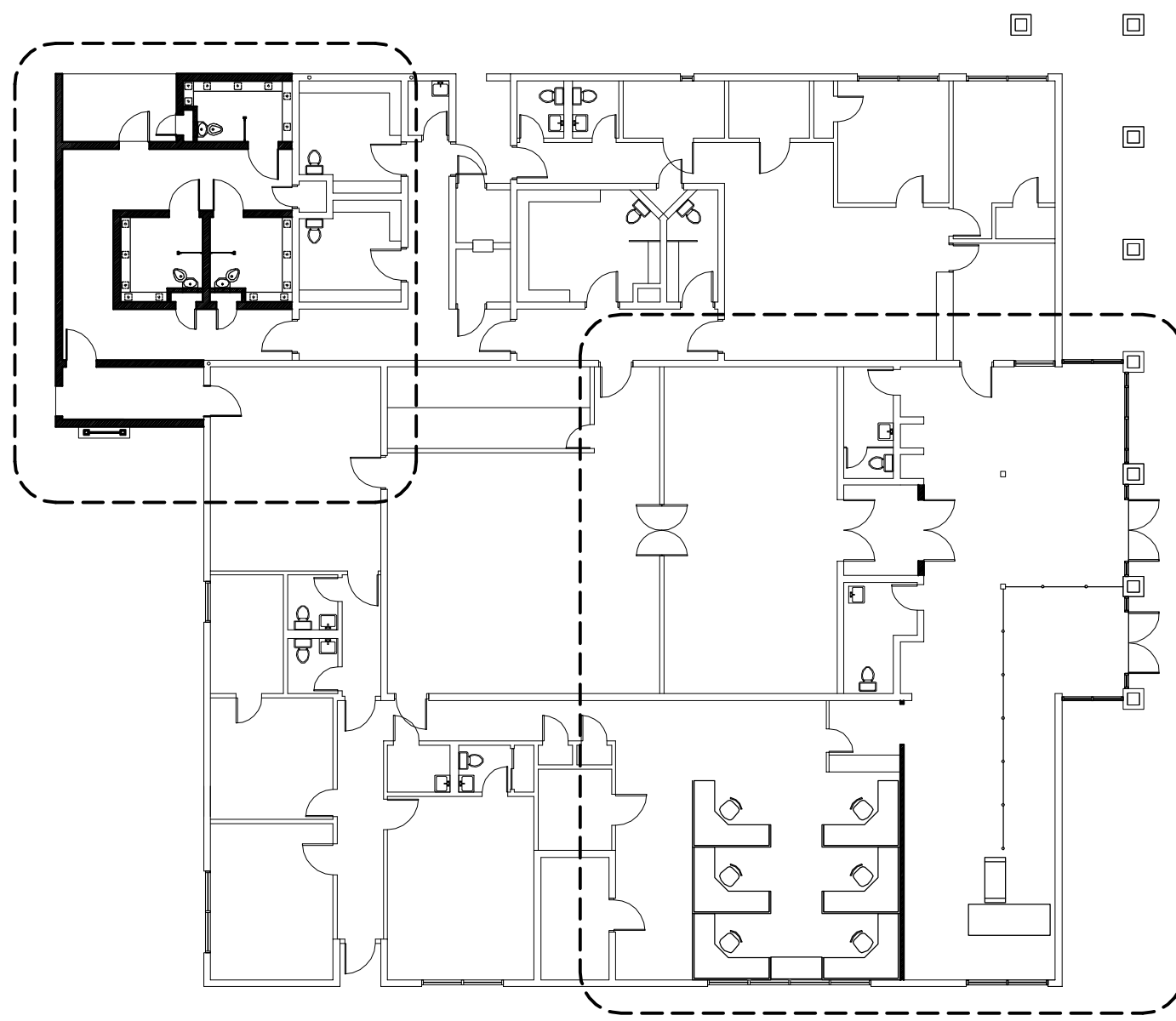
\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I\A2.1 - Phase I Descriptive Floor Plan.dwg, 3/7/2011 1:33:11 PM, PDF995



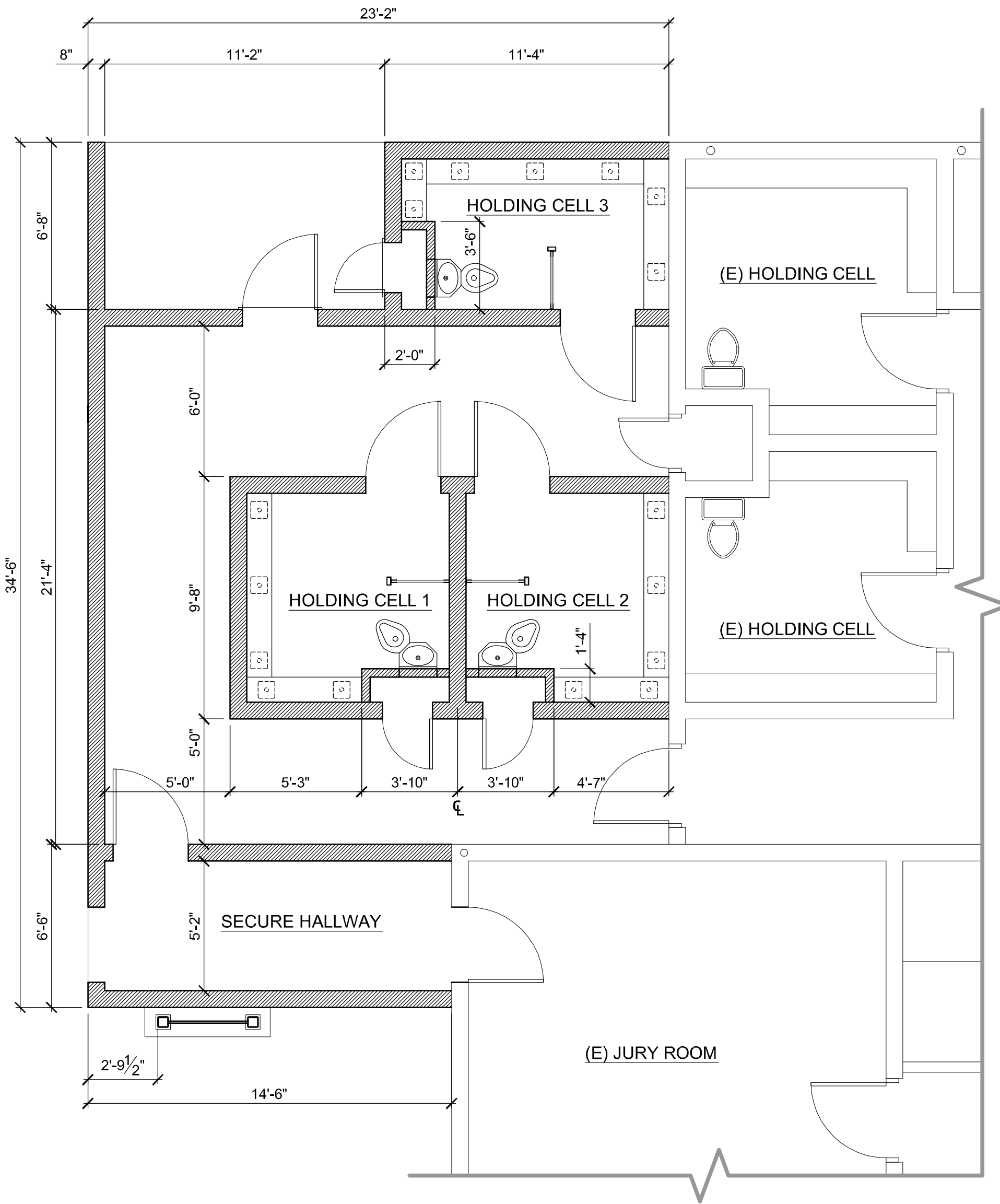
 **PHASE I FLOOR PLAN - LOBBY**  
SCALE: 1/4" = 1'-0"

**NOTE**

1. DIMENSIONS AT HOLDING CELL ADDITION  
ARE TO FACE OF CONCRETE BLOCK.



**PHASE I KEY PLAN**  
SCALE: 1/16" = 1'-0"



 **PHASE I FLOOR PLAN - HOLDING CELL ADDITION**  
SCALE: 1/4" = 1'-0"

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**SUPERIOR COURT  
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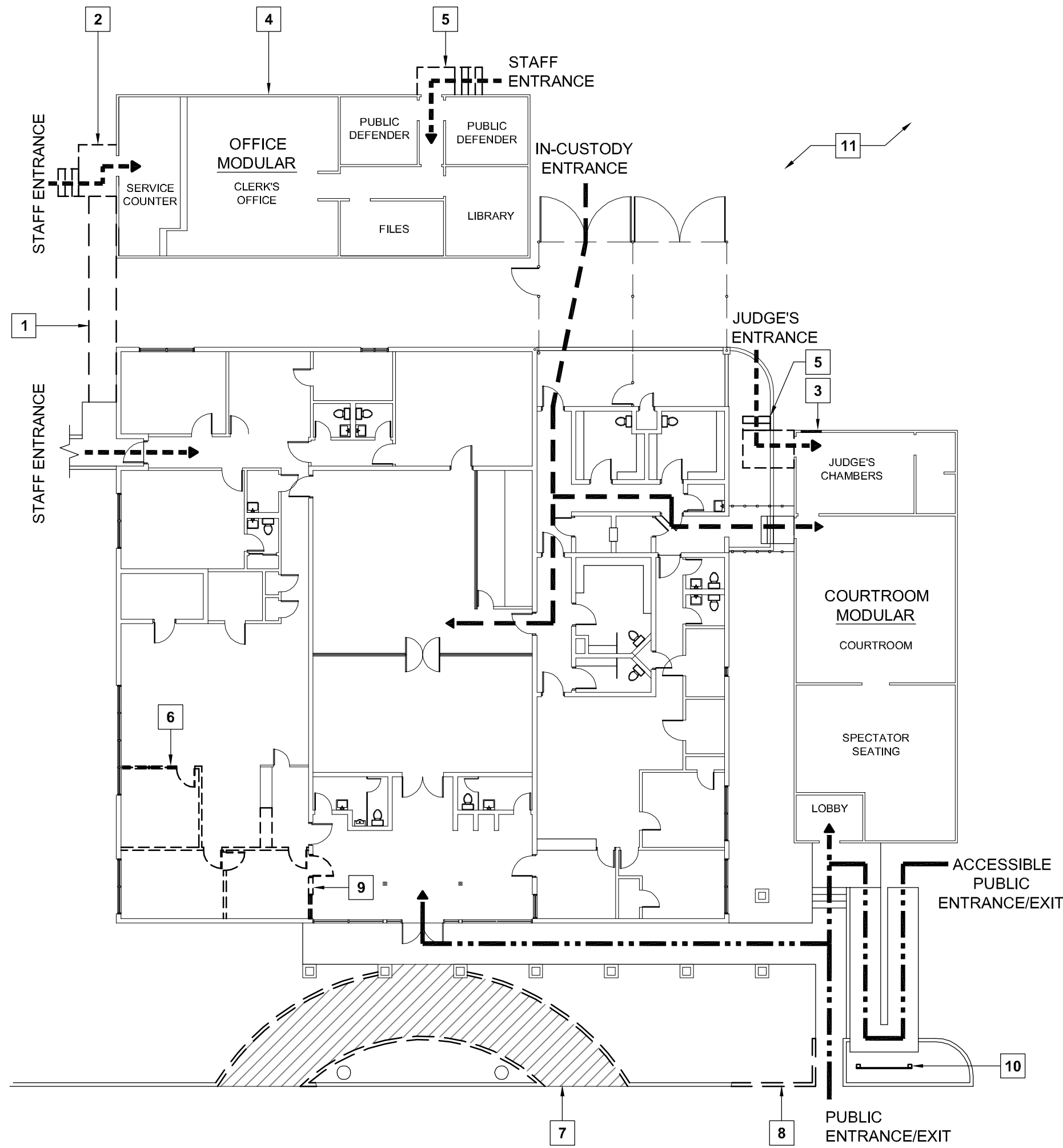
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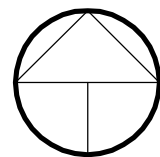
**PHASE I  
DIMENSIONED  
FLOOR PLAN**

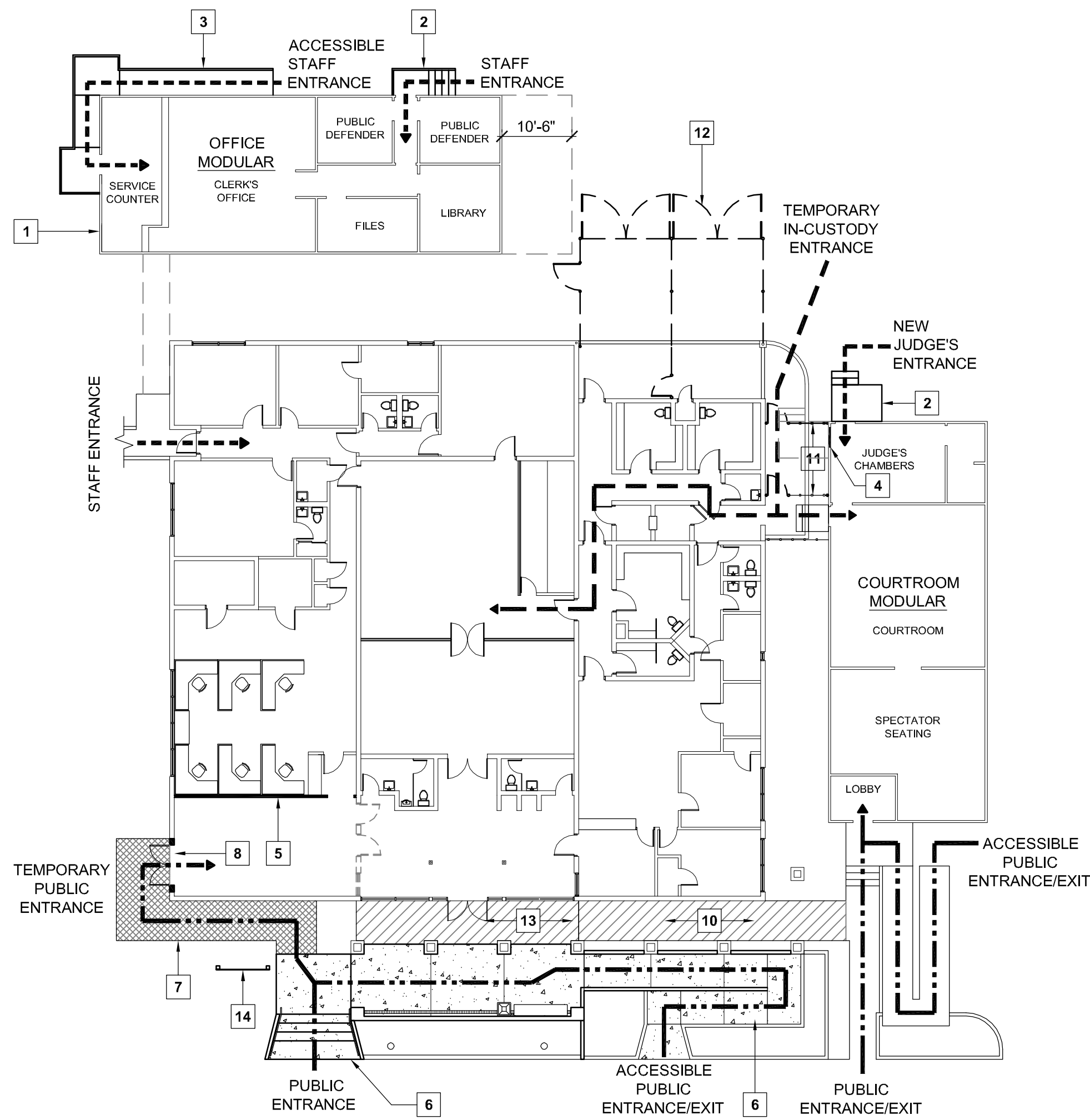
SHEET #

**A2.2**

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 **STAGE 1 - DEMOLITION**  
SCALE: 1/16" = 1'-0"



 **STAGE 2 - TEMPORARY ACCESS**  
SCALE: 1/16" = 1'-0"

### CIRCULATION LEGEND

- IN-CUSTODY SECURE PATH OF TRAVEL
- STAFF/SHERIFF PATH OF TRAVEL
- PUBLIC PATH OF TRAVEL

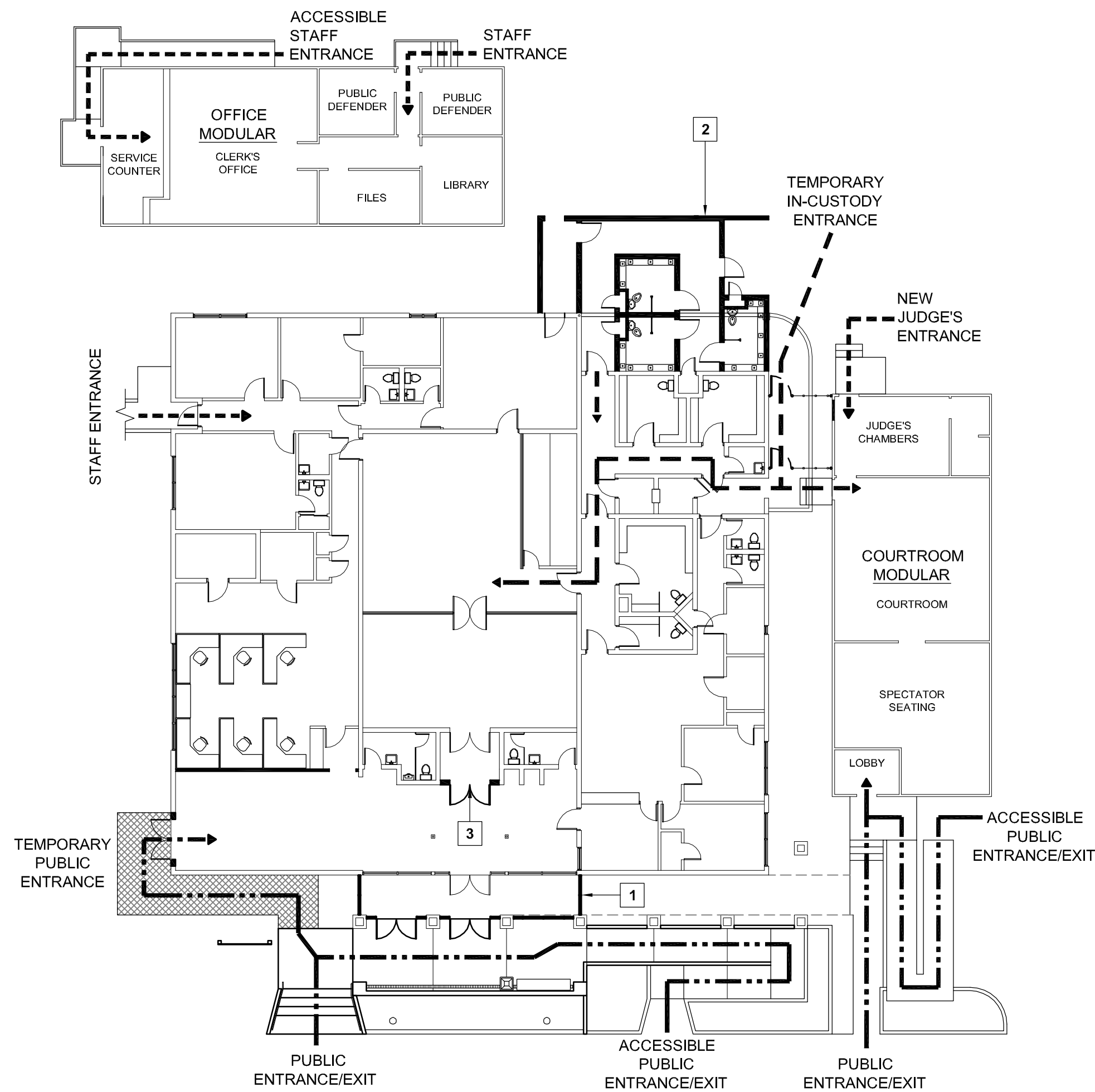
### STAGING PLAN KEYNOTES

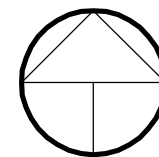
- STAGE 1 - DEMOLITION**
- DEMOLISH EXISTING RAMP.
  - DEMOLISH EXISTING STAIRWAY AND LANDING.
  - INSTALL NEW DOOR.
  - RELOCATE EXISTING MODULAR BUILDING TOWARD LINCOLN ST.
  - RELOCATE AND RECONSTRUCT WOOD STAIRWAY AND LANDING.
  - DEMOLISH INTERIOR WALLS AND COUNTER AS INDICATED.
  - RE-ROUTE PUBLIC ACCESS TO EXISTING SIDE RAMP AND DEMOLISH EXISTING ENTRY RAMP AND SITE/RETAINING WALLS.
  - DEMOLISH PORTION OF RETAINING WALL AS REQUIRED FOR NEW RAMP.
  - DEMOLISH WALL AND INSTALL TEMPORARY BARRICADE.
  - INSTALL TEMPORARY PUBLIC DIRECTORY SIGN.
  - PERFORM SITE DEMOLITION TO REMOVE IRRIGATION PIPE.

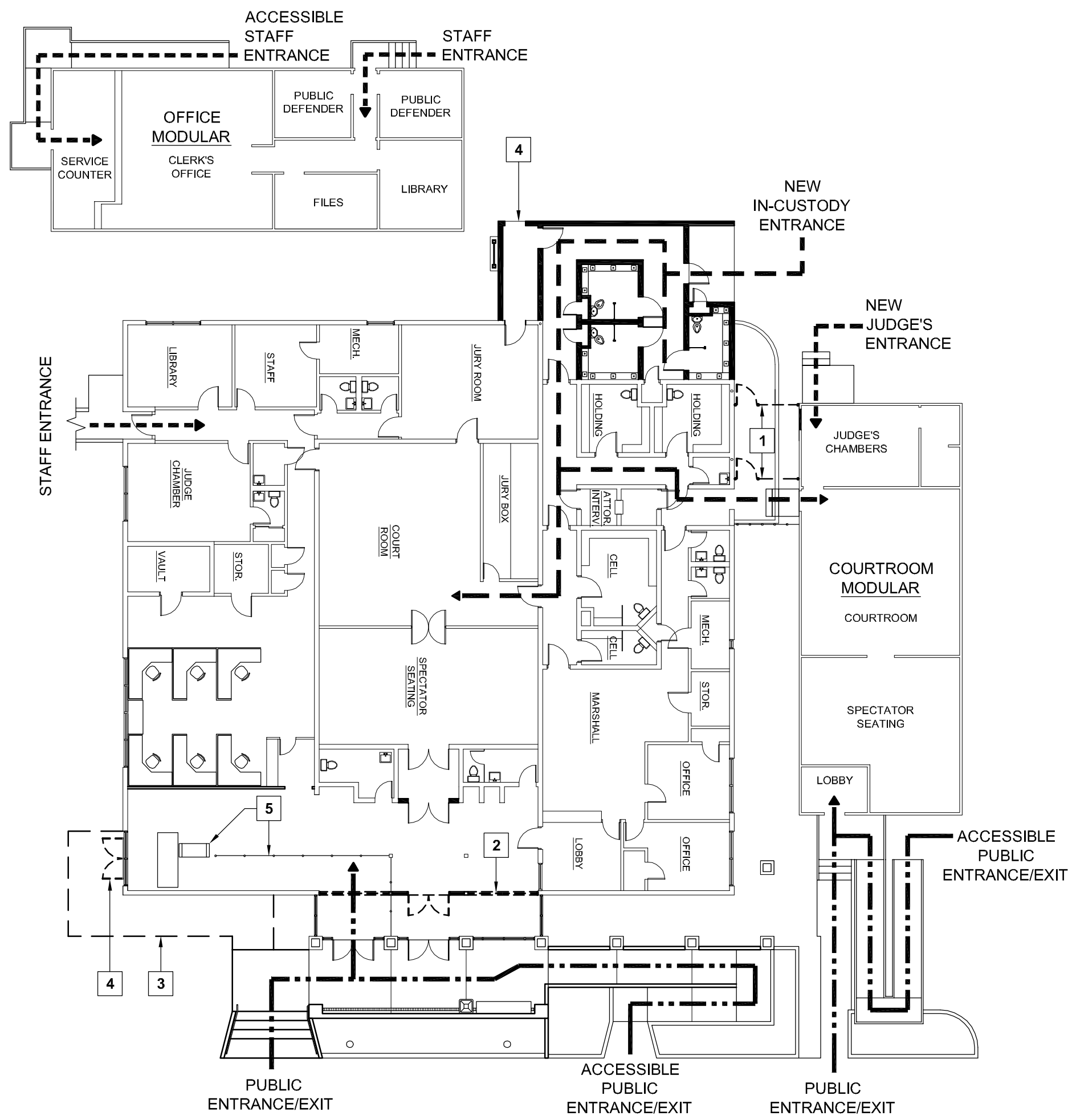
- STAGE 2 - TEMPORARY ACCESS**
- RELOCATED MODULAR OFFICE BUILDING.
  - RELOCATED STAIRWAY AND LANDING.
  - NEW RAMP AND LANDING.
  - INFILL DOOR OPENING.
  - BUILD NEW INTERIOR WALLS.
  - BUILD NEW PRIMARY PUBLIC ACCESS STAIRS AND RAMP.
  - INSTALL TEMPORARY ENTRY.
  - REMOVE EXISTING STOREFRONT AND INSTALL TEMPORARY PUBLIC ENTRANCE.
  - DEMOLISH PORTION OF EXISTING WALL.
  - DEMOLISH WALKWAY.
  - INSTALL NEW TEMPORARY CHAIN LINK SALLY PORT. INSTALL NEW GATE IN EXISTING FENCE.
  - DEMOLISH EXISTING SALLY PORT FENCING AND RE-ROUTE IN-CUSTODY ENTRANCE TO NEW TEMPORARY SALLY PORT.
  - DEMOLISH EXISTING LANDING AND POUR NEW LOBBY SLAB AND PERIMETER FOOTINGS.
  - INSTALL TEMPORARY PUBLIC DIRECTORY SIGN.

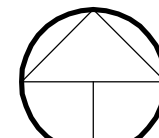
- STAGE 3 - CONSTRUCTION**
- INSTALL NEW STOREFRONT.
  - BUILD HOLDING CELL ADDITION.
  - INSTALL NEW COURTROOM VESTIBULE DOORS.

- STAGE 4 - FINAL ACCESS**
- REMOVE TEMPORARY SALLY PORT / GATE AND RE-ROUTE IN-CUSTODY ENTRANCE TO NEW SALLY PORT.
  - DEMOLISH EXISTING STOREFRONT AND RE-ROUTE PUBLIC ACCESS TO NEW ENTRY/EXIT.
  - REMOVE TEMPORARY WALKWAY.
  - INSTALL TEMPORARY INFILL WALL PENDING PHASE II CONSTRUCTION.
  - INSTALL NEW SECURITY LINE EQUIPMENT/DIVIDERS.



 **STAGE 3 - CONSTRUCTION**  
SCALE: 1/16" = 1'-0"



 **STAGE 4 - FINAL ACCESS**  
SCALE: 1/16" = 1'-0"

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
1007

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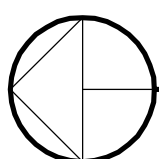
**PHASE I  
CONSTRUCTION  
AND RELOCATION  
STAGING PLAN**

SHEET #

**A2.3**

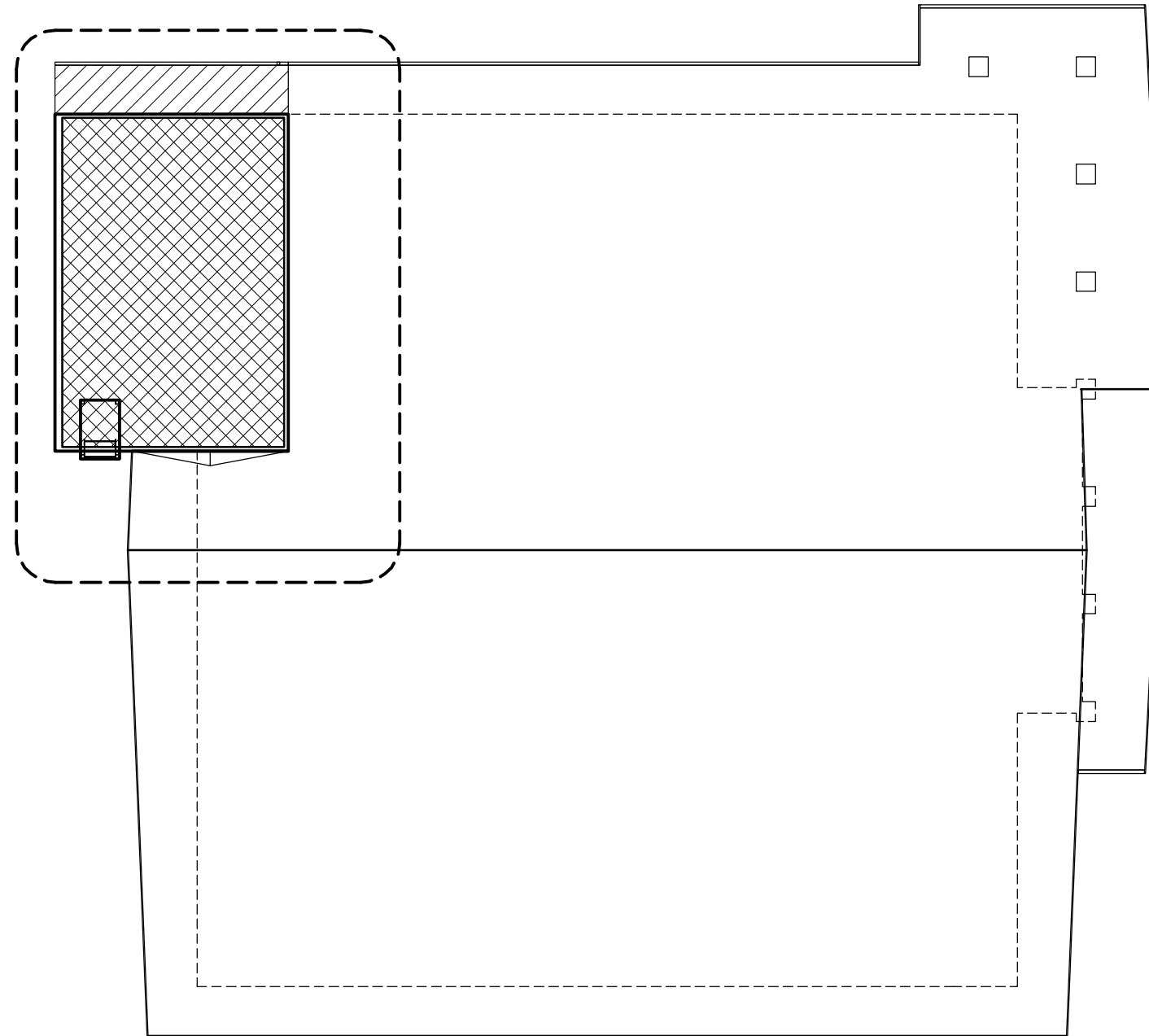
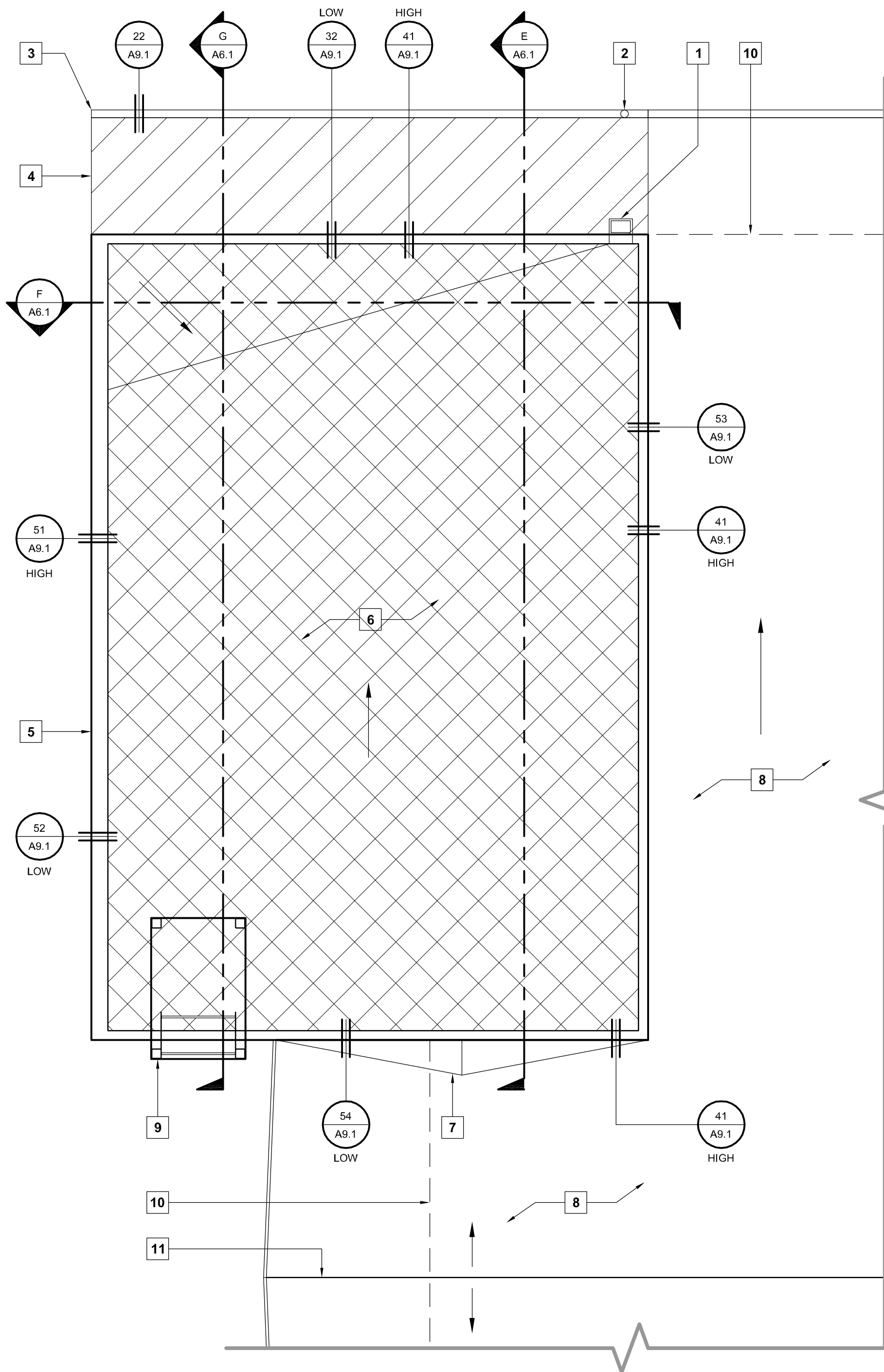


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## PHASE I ROOF PLAN - HOLDING CELL ADDITION

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



## KEY PLAN

SCALE: 1/16" = 1'-0"

## KEYNOTES

- THROUGH-WALL SCUPPER AND CONDUCTOR HEAD WITH BUILT-IN OVERFLOW. PROVIDE DOWNSPOUT TO LOWER ROOF. SEE DETAILS 31 & 44 / A9.1.
- NEW DOWNSPOUT TO MATCH EXISTING.
- NEW GUTTER TO MATCH EXISTING.
- AREA OF NEW ROOF. ALIGN WITH EXISTING ADJACENT ROOF TO ACHIEVE CONTINUOUS, EVEN ROOF SURFACE AND FASCIA.
- NEW PARAPET WALL WITH PAINTED METAL COPING.
- NEW SINGLE PLY ROOF MEMBRANE OVER GLASS-MAT ROOF BOARD OVER SLOPED PLYWOOD ROOF DECK. SLOPE ROOF 1/2" PER FOOT.
- NEW CRICKET.
- EXISTING SINGLE PLY ROOF TO REMAIN.
- ROOF ACCESS LADDER / EQUIPMENT TOWER.
- WALL BELOW.
- EXISTING RIDGE.

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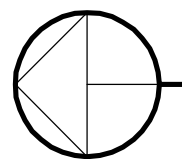
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**PHASE I  
ROOF PLAN**

SHEET #

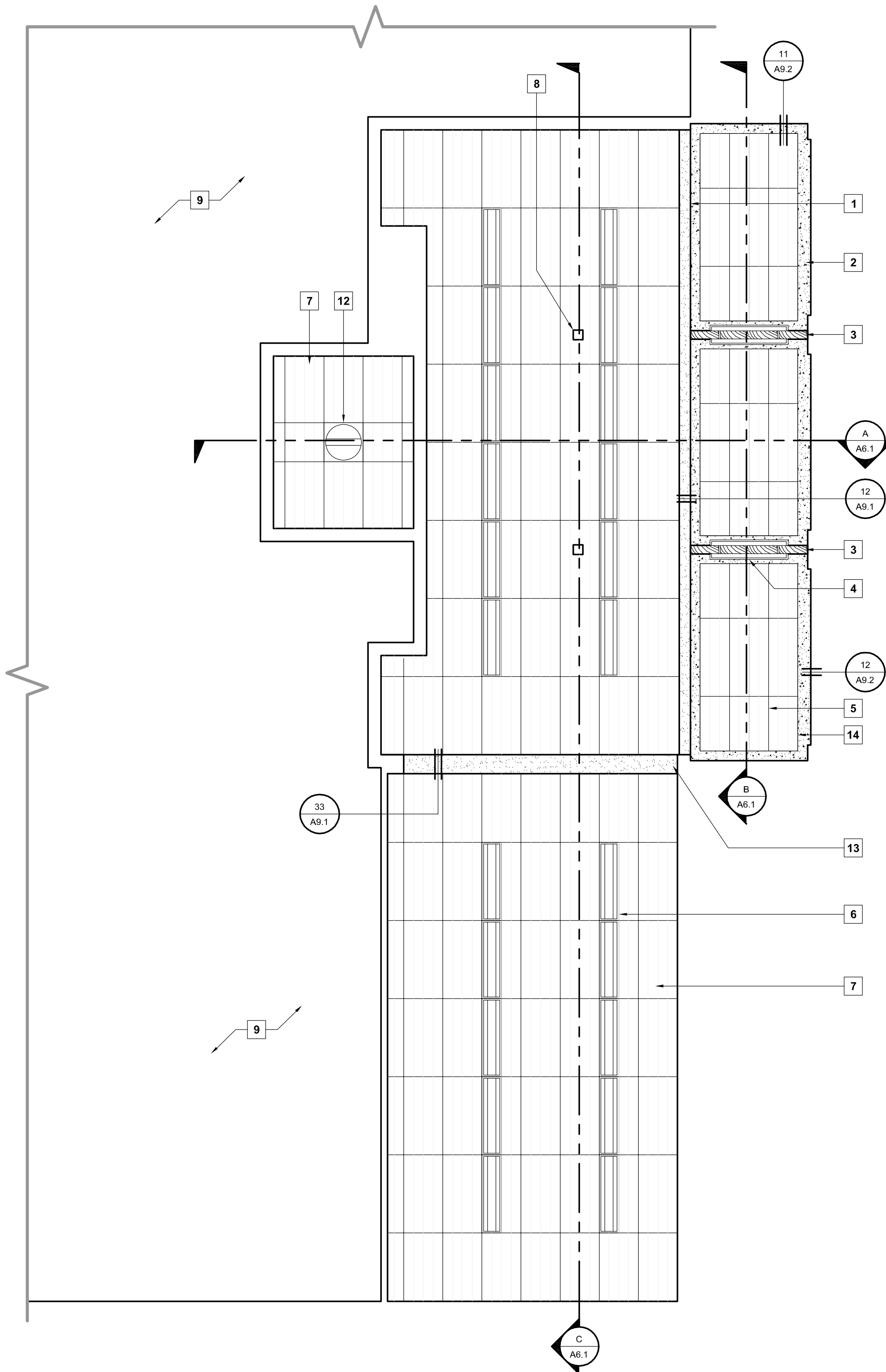
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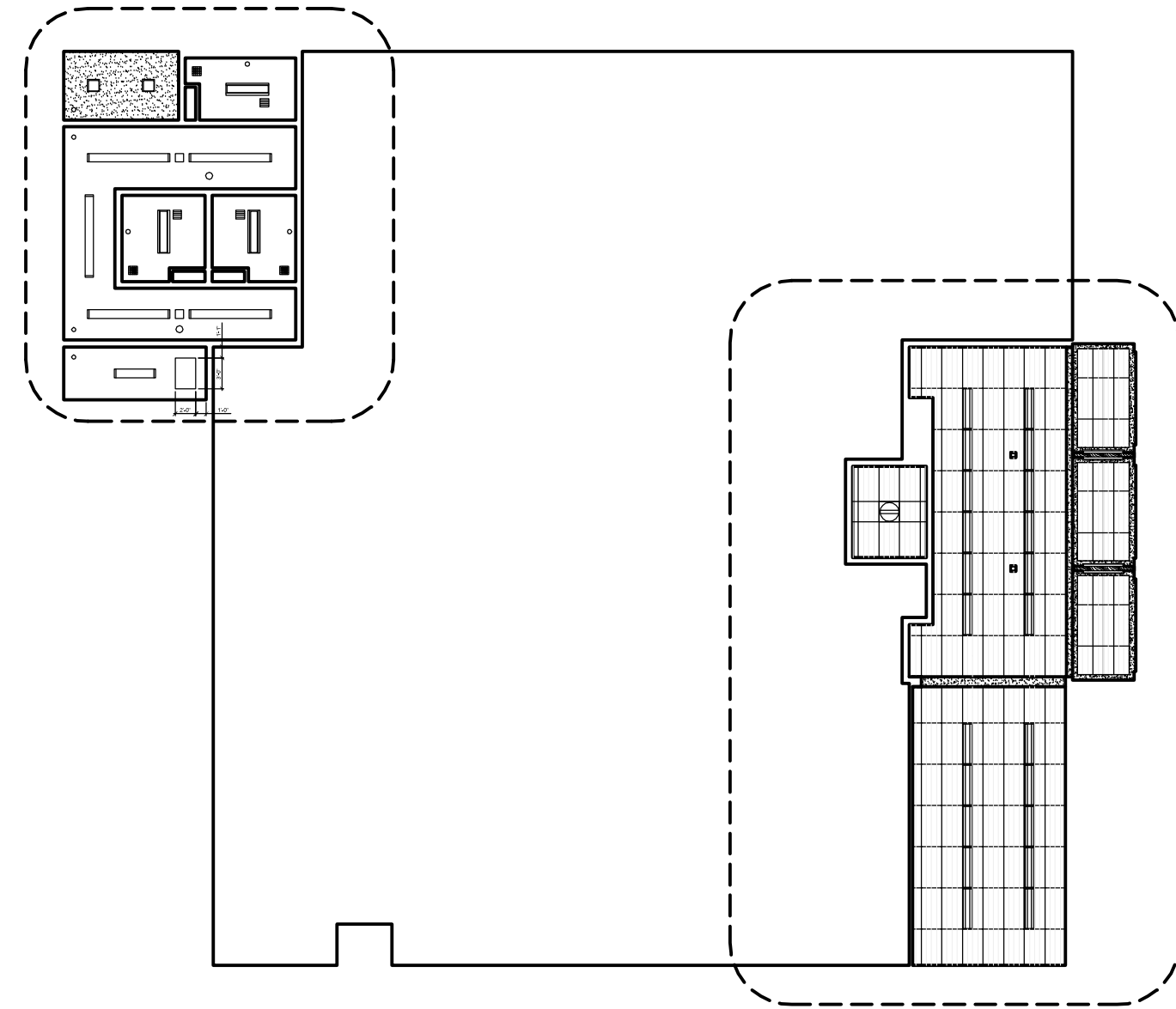
PHASE I REFLECTED CEILING PLAN - LOBBY

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



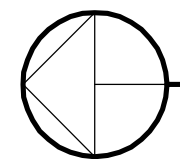
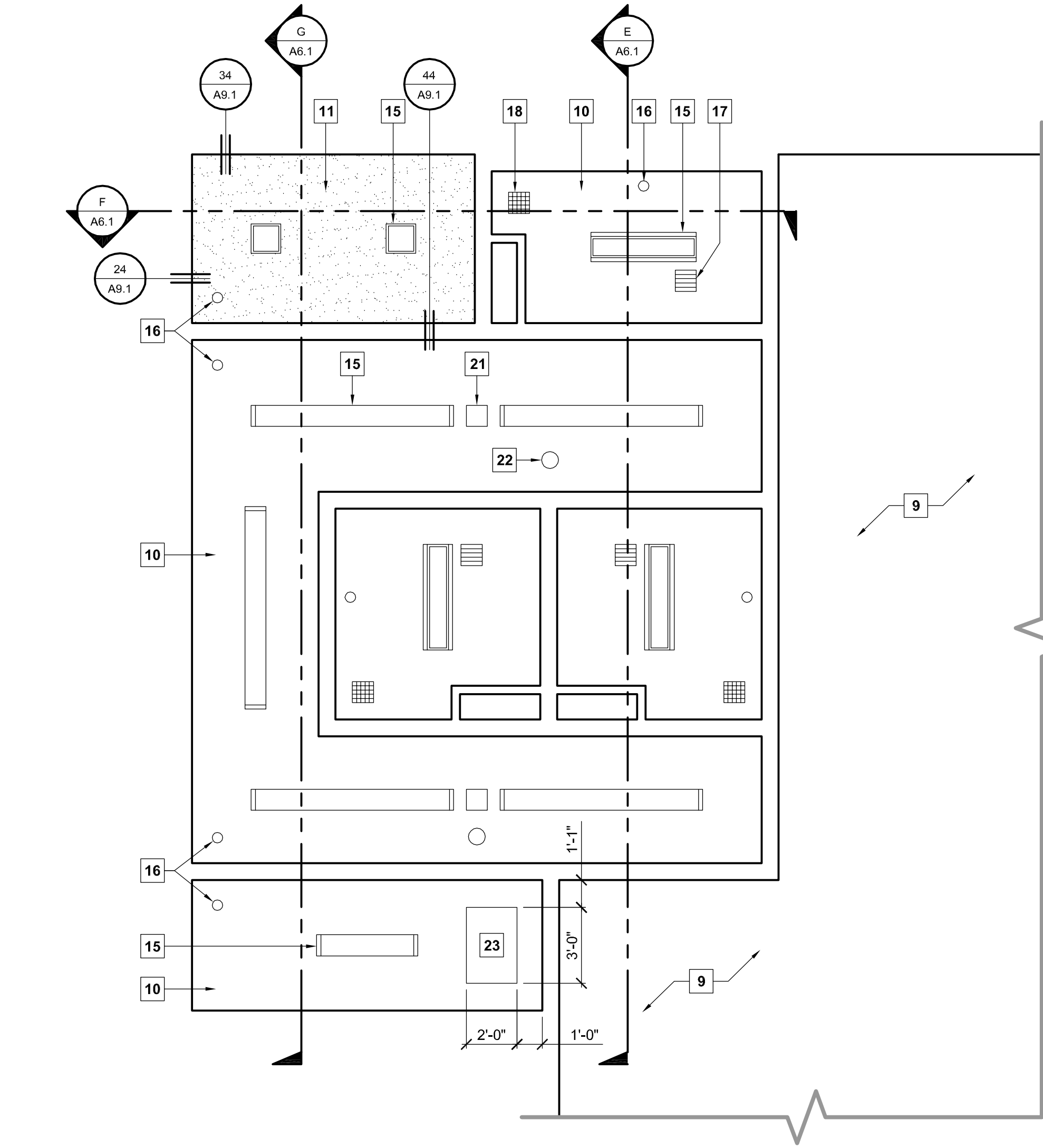
KEYNOTES

1. NEW PAINTED DRYWALL SOFFIT AT 10'-0".
2. EXISTING PLASTER SOFFIT.
3. EXISTING EXPOSED WOOD BEAMS.
4. NEW SUSPENDED INDIRECT FLUORESCENT LIGHT FIXTURE AT +8'-6".
5. NEW SUSPENDED ACOUSTIC TILE CEILING, MATCH SLOPE OF PLASTER SOFFIT.
6. 1' x 4' RECESSED INDIRECT FLUORESCENT LIGHT FIXTURES.
7. NEW SUSPENDED ACOUSTIC TILE CEILING AT +10'-0", TYP.
8. EXISTING STEEL COLUMNS AND ALUMINUM COVERS.
9. NO CEILING WORK IN THIS AREA.
10. PAINTED CONCRETE CEILING AT 8'-8".
11. NEW PLASTER SOFFIT AT 8'-7" A.F.F.
12. RECESSED INDIRECT FLUORESCENT LIGHT FIXTURE.
13. NEW PAINTED DRYWALL SOFFIT AT 8'-10".
14. SUSPENDED CEILING EDGE TRIM.
15. SURFACE MOUNTED LIGHT FIXTURE.
16. CCTV CAMERA LOCATION.
17. HARDENED SUPPLY AIR REGISTER.
18. HARDENED RETURN AIR GRILLE.
19. SUPPLY AIR REGISTER.
20. RETURN AIR GRILLE.
21. SURFACE MOUNTED SPEAKER.
22. SURFACE MOUNTED SMOKE DETECTOR.
23. 24"x36" FLUSH ATTIC ACCESS DOOR, 3 HOUR FIRE RATED. SEE DETAIL 34 / A9.2.



PHASE I KEY PLAN

SCALE: 1/16" = 1'-0"



PHASE I REFLECTED CEILING PLAN - HOLDING CELL ADDITION

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

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

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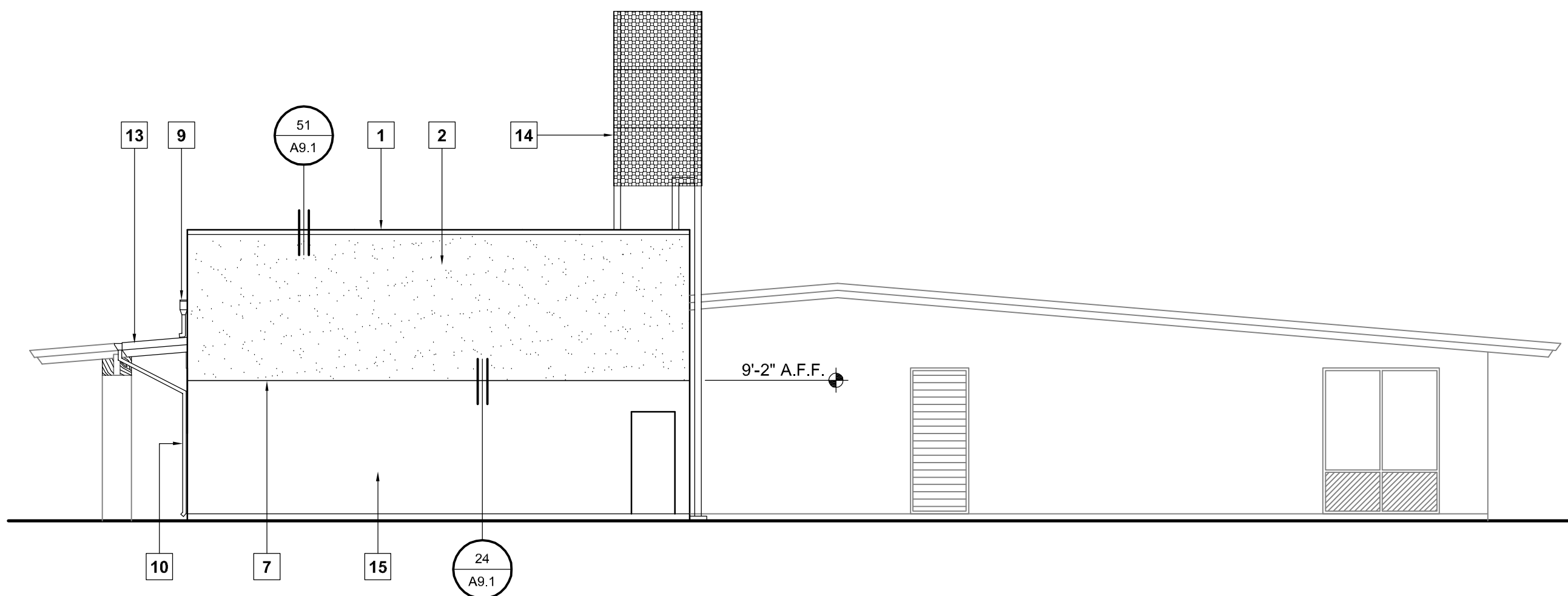
SHEET TITLE

**PHASE I  
REFLECTED  
CEILING PLAN**

SHEET #

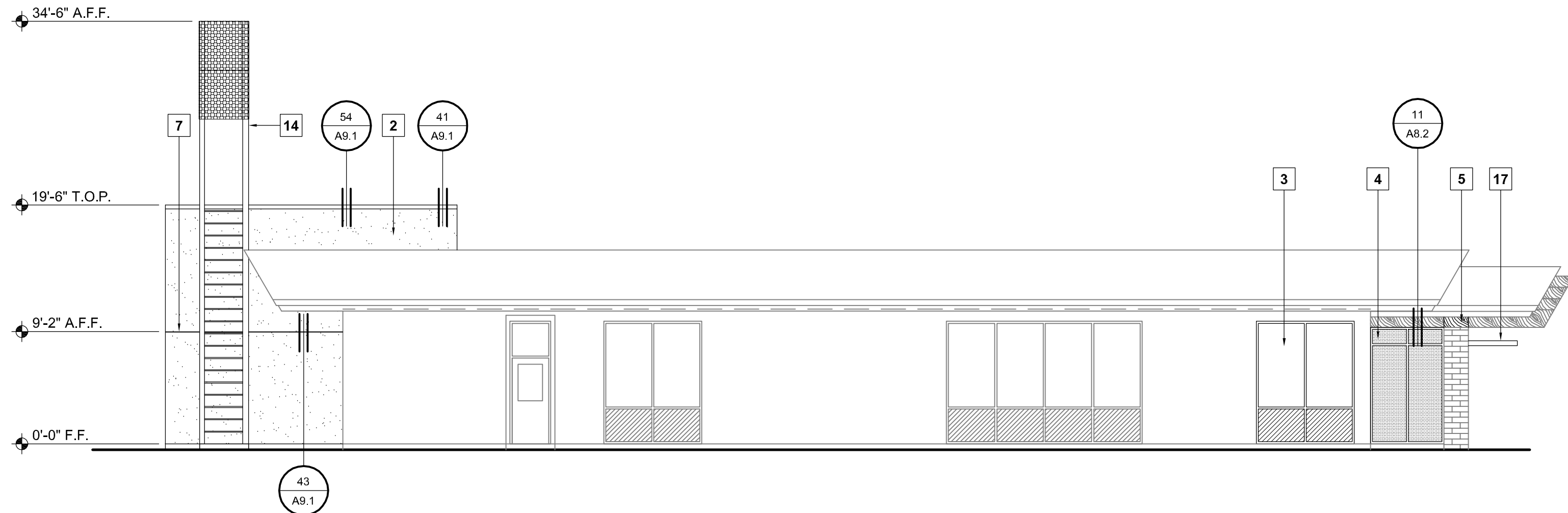
**A4.1**

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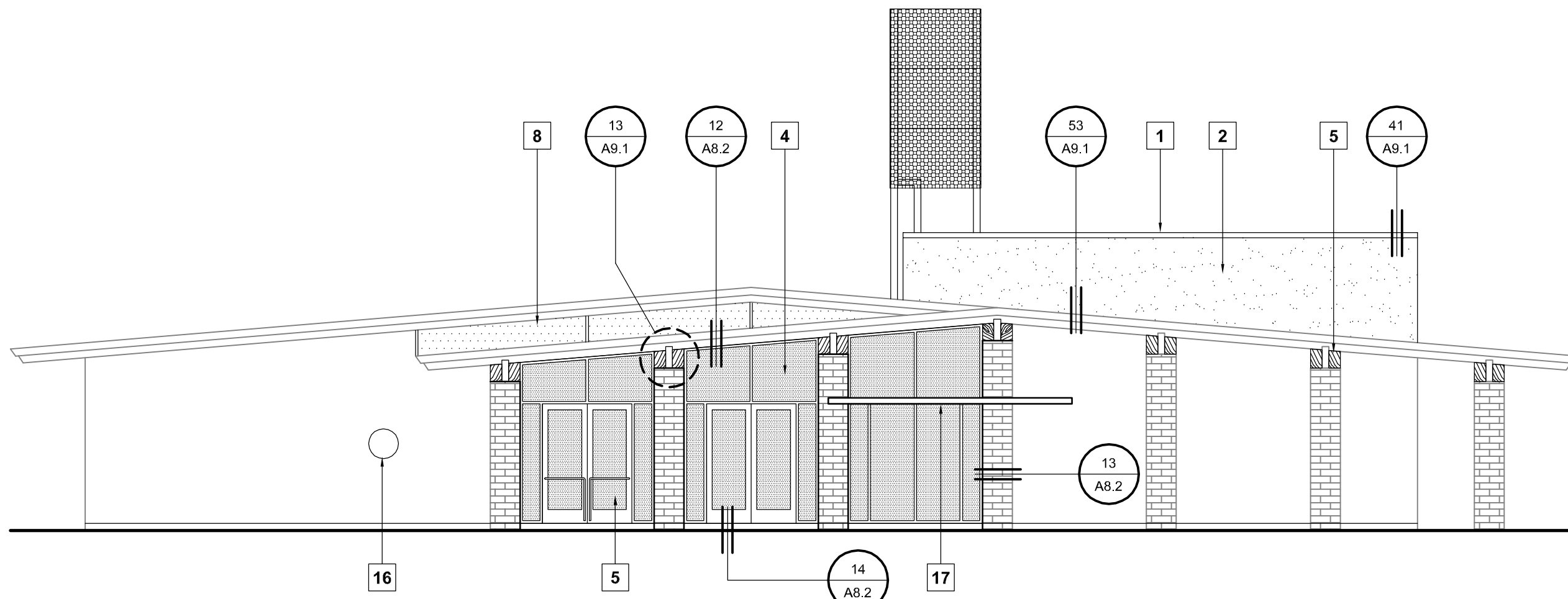
## NORTH

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



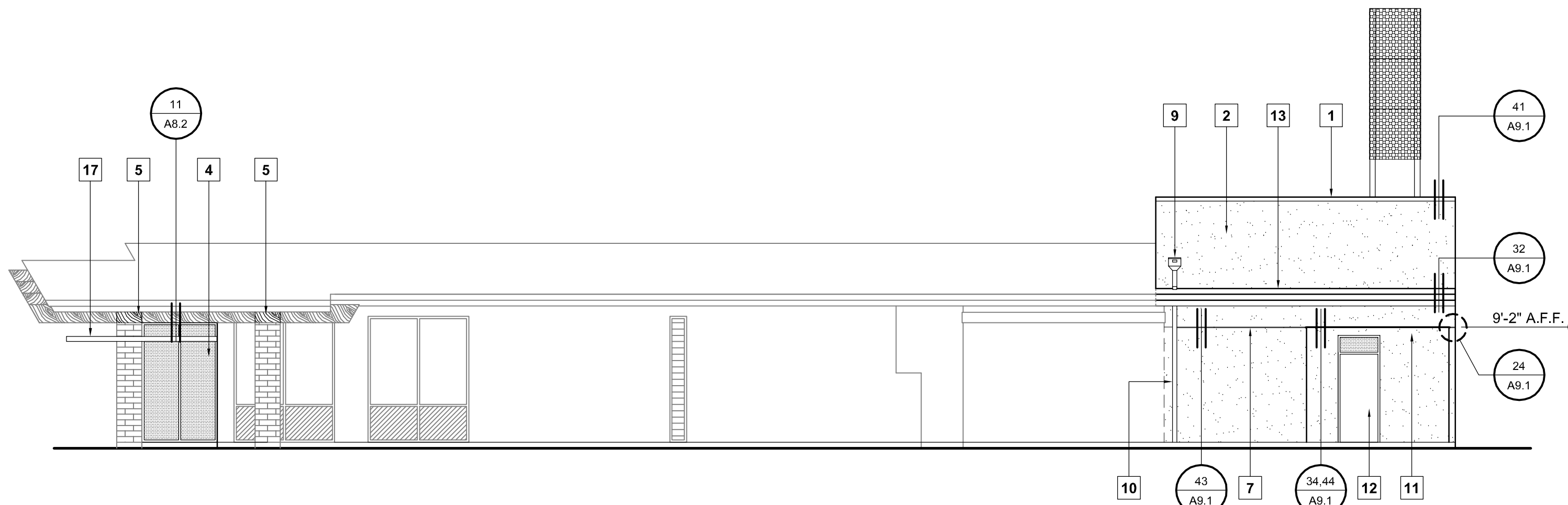
## WEST

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



## SOUTH

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



## EAST

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

### KEYNOTES:

1. MECHANICAL ROOF WELL PARAPET WALL WITH PAINTED METAL COPING.
2. 3-COAT STUCCO OVER PAPER BACKED METAL LATH.
3. EXISTING STOREFRONT REPLACED AFTER TEMPORARY ENTRANCE IS REMOVED.
4. NEW STOREFRONT.
5. REPLACE EXISTING METAL CAPS WITH INFILL BLOCKING. SEE DETAIL **13 / A9.1**. REPAIR ALL GLU-LAM BEAM ENDS. SEE DETAIL **14 / A9.1**.
6. NEW STOREFRONT ENTRY DOORS.
7. 2-PIECE EXPANSION SLIP JOINT WITH 5/8" REVEAL.
8. SMOOTH HARDIE BOARD AND BATTENS PAINTED TO MATCH EXISTING ADJACENT WALL.
9. CONDUCTOR HEAD WITH BUILT IN OVERFLOW. DRAIN THROUGH DOWNSPOUT TO ROOF BELOW. SEE DETAILS **31 & 42 / A9.2**.
10. NEW DOWNSPOUT TO GRADE.
11. PLASTER SOFFIT.
12. NEW DOOR.
13. NEW ROOF TO MATCH ADJACENT.
14. ROOF ACCESS LADDER / EQUIPMENT TOWER WITH PERFORATED METAL PANELS.
15. CONCRETE BLOCK WALL WITH ACRYLIC BLOCK FILL PRIMER AND ELASTOMERIC PAINT. PLASTER SHALL BE ADDED TO EXPOSED AREA OF WALL DURING THE CONSTRUCTION OF PHASE 2.
16. EXISTING SEAL TO REMAIN. EXISTING ADDRESS NUMBERS ABOVE TO BE REMOVED.
17. NEW CANTILEVERED SUN CONTROL DEVICE.

### PROJECT

## SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

## MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

### PHASE 1

CLIENT JOB # ARCHITECT JOB #  
1007



971 OSOS STREET  
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DRAWN BY DL

DATES 03/07/11

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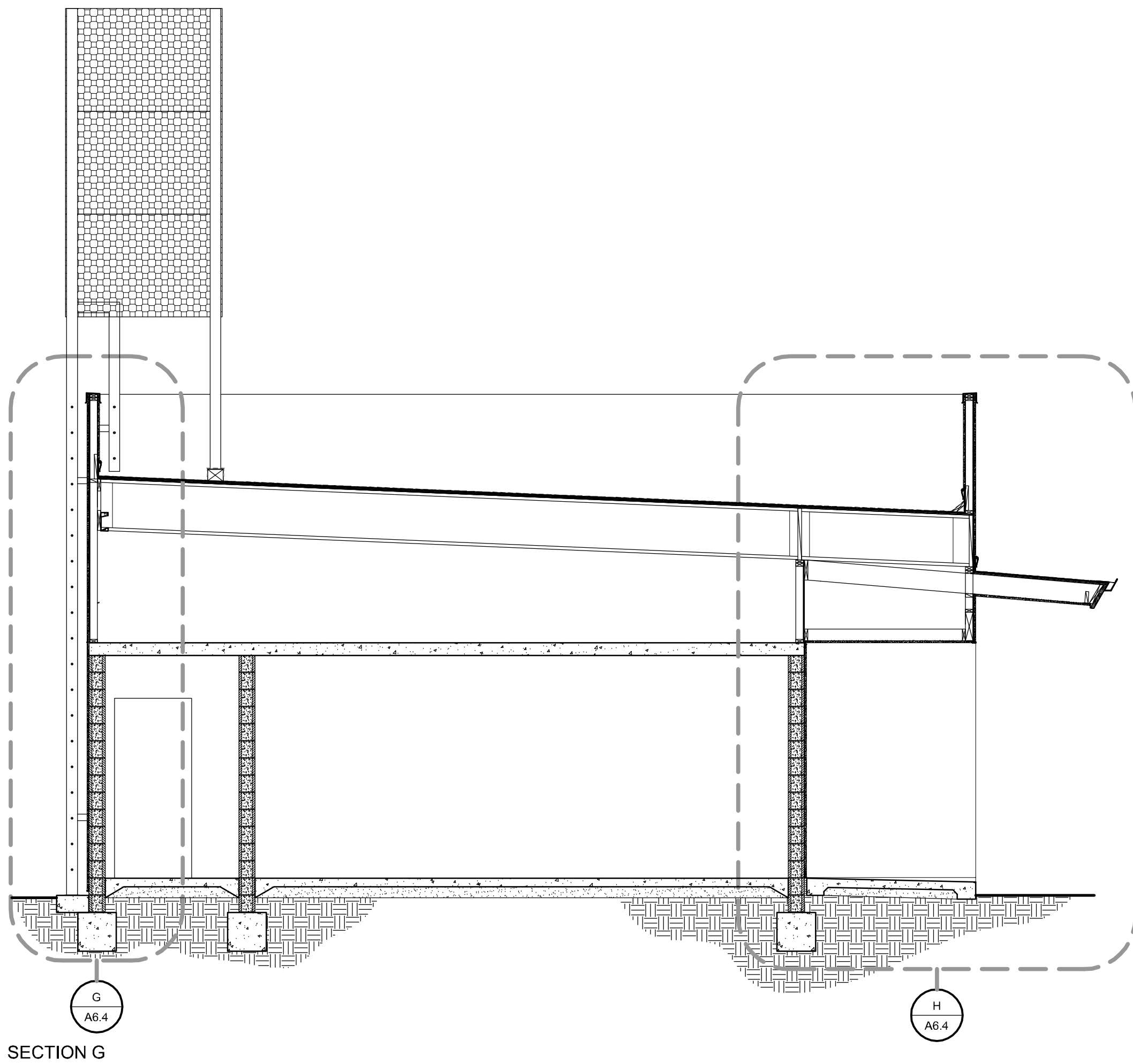
SHEET TITLE

## PHASE I EXTERIOR ELEVATIONS

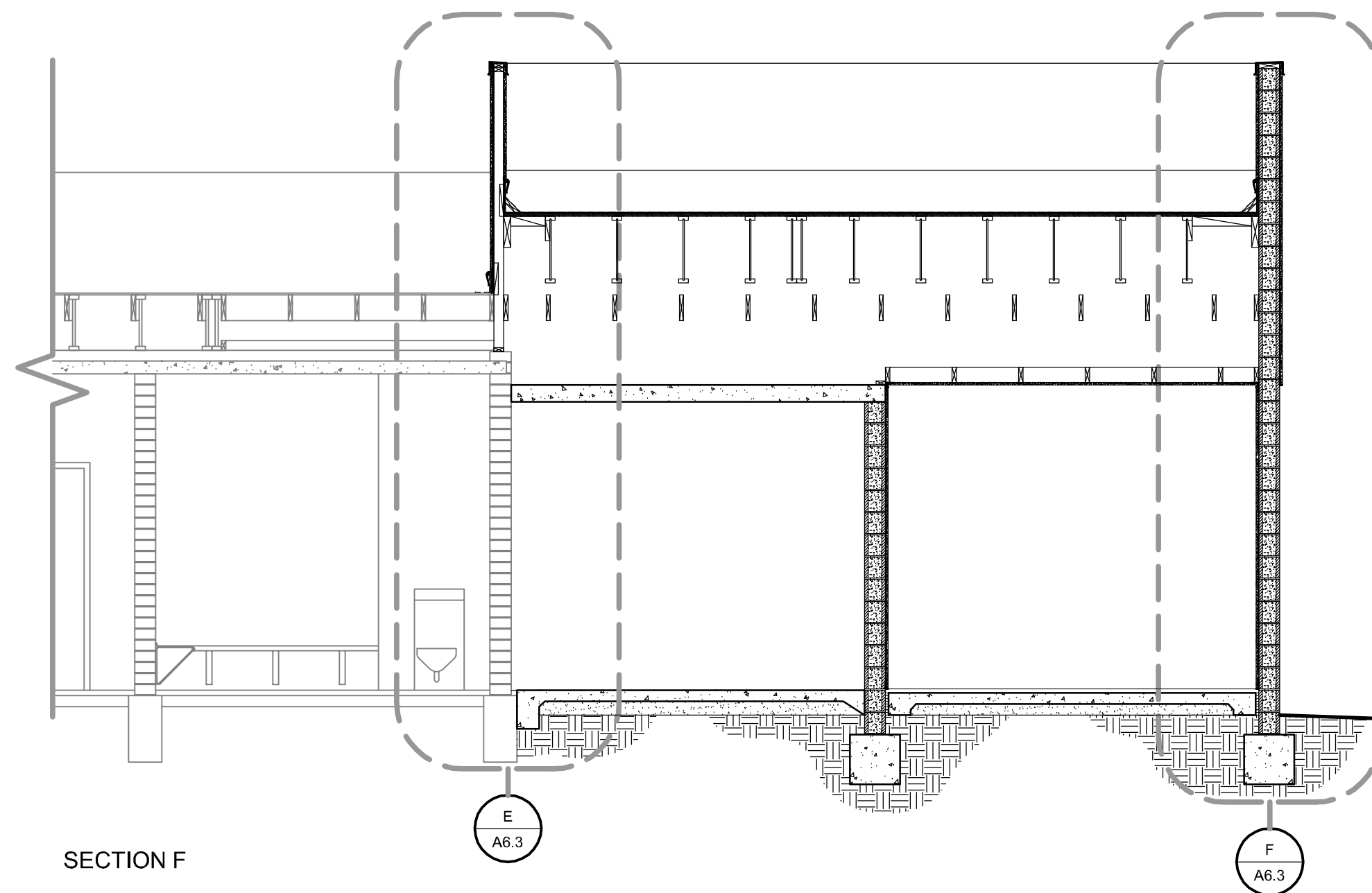
SHEET #

# A5.1

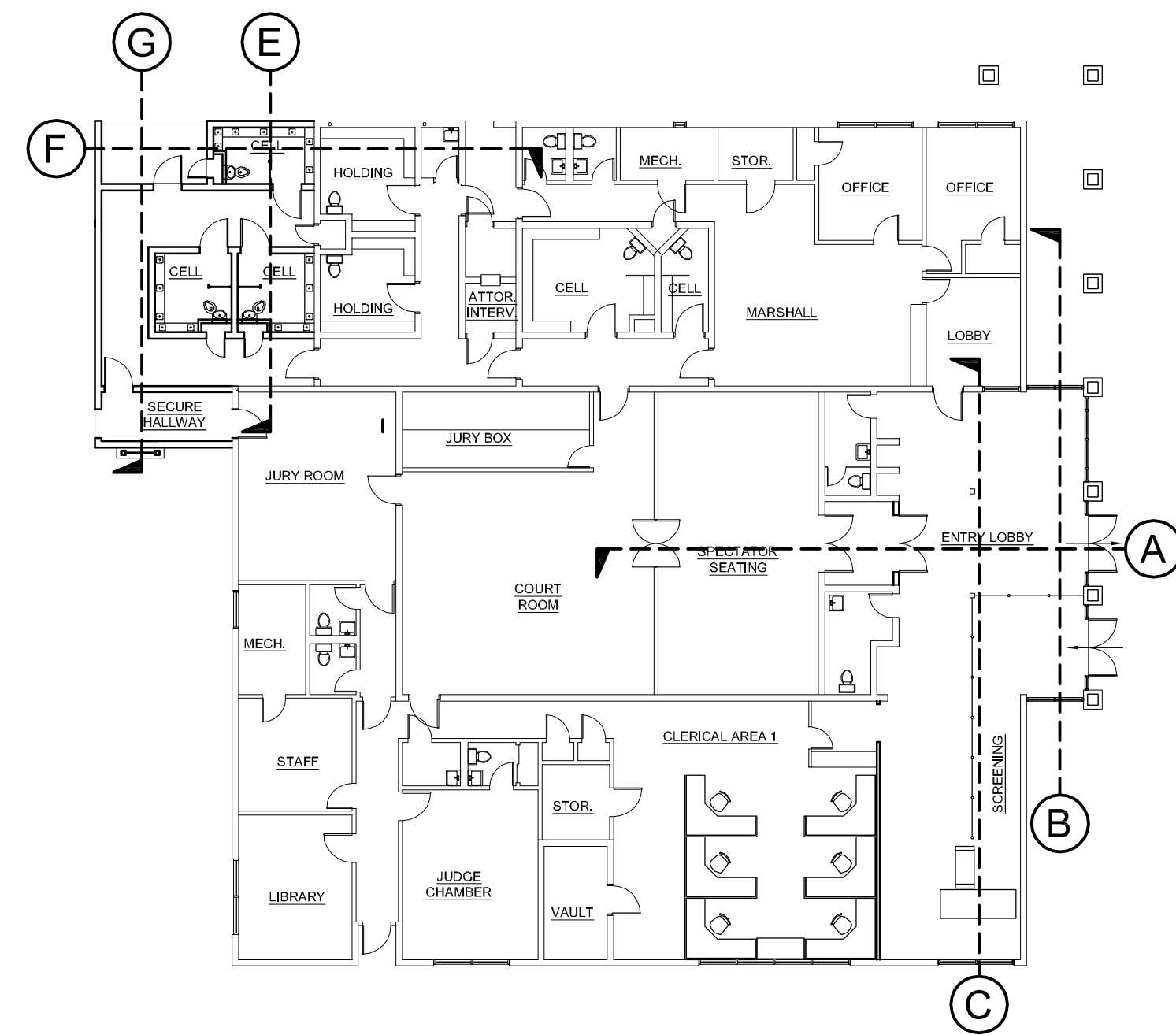
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SECTION G

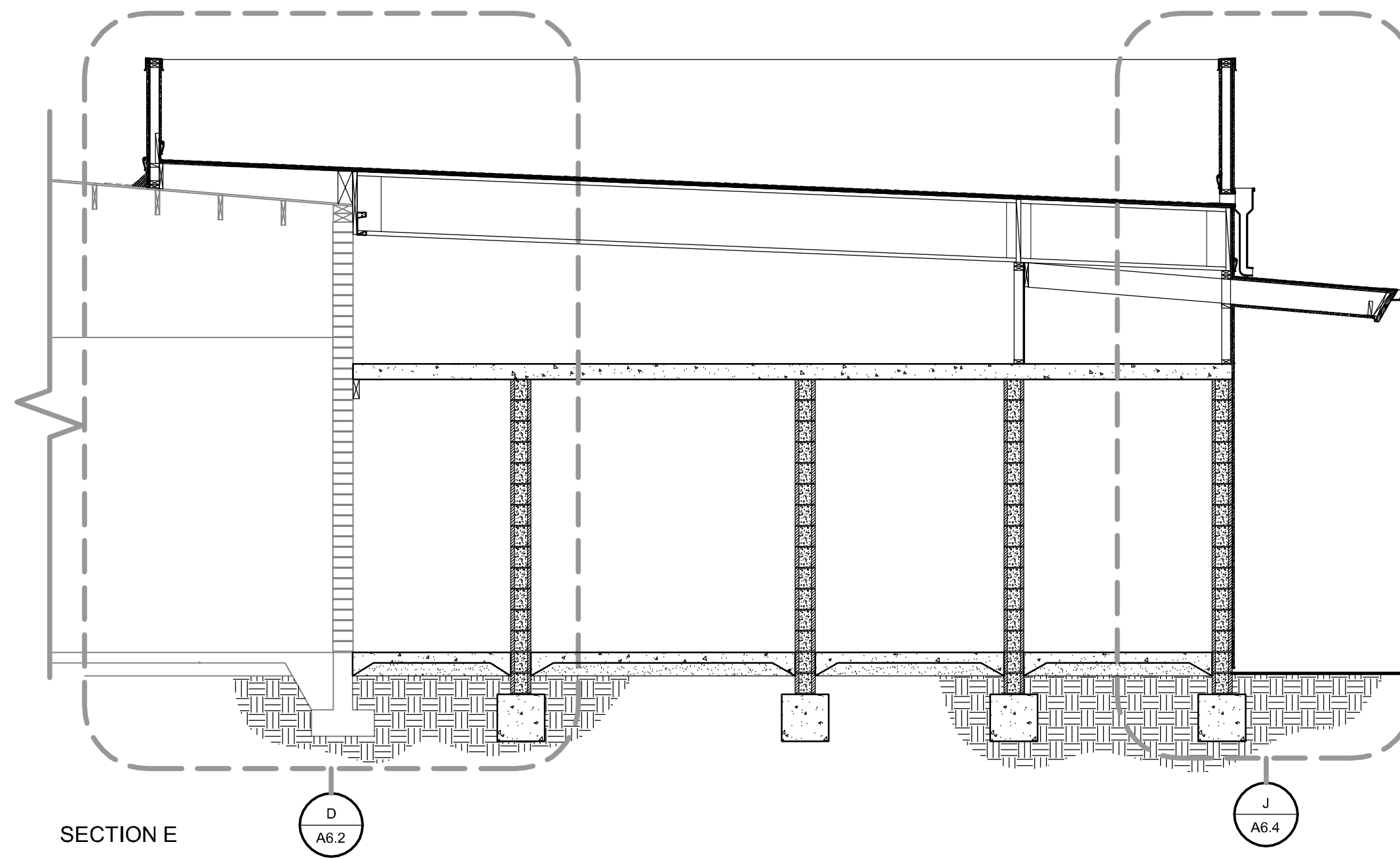


SECTION F



PHASE I KEY PLAN

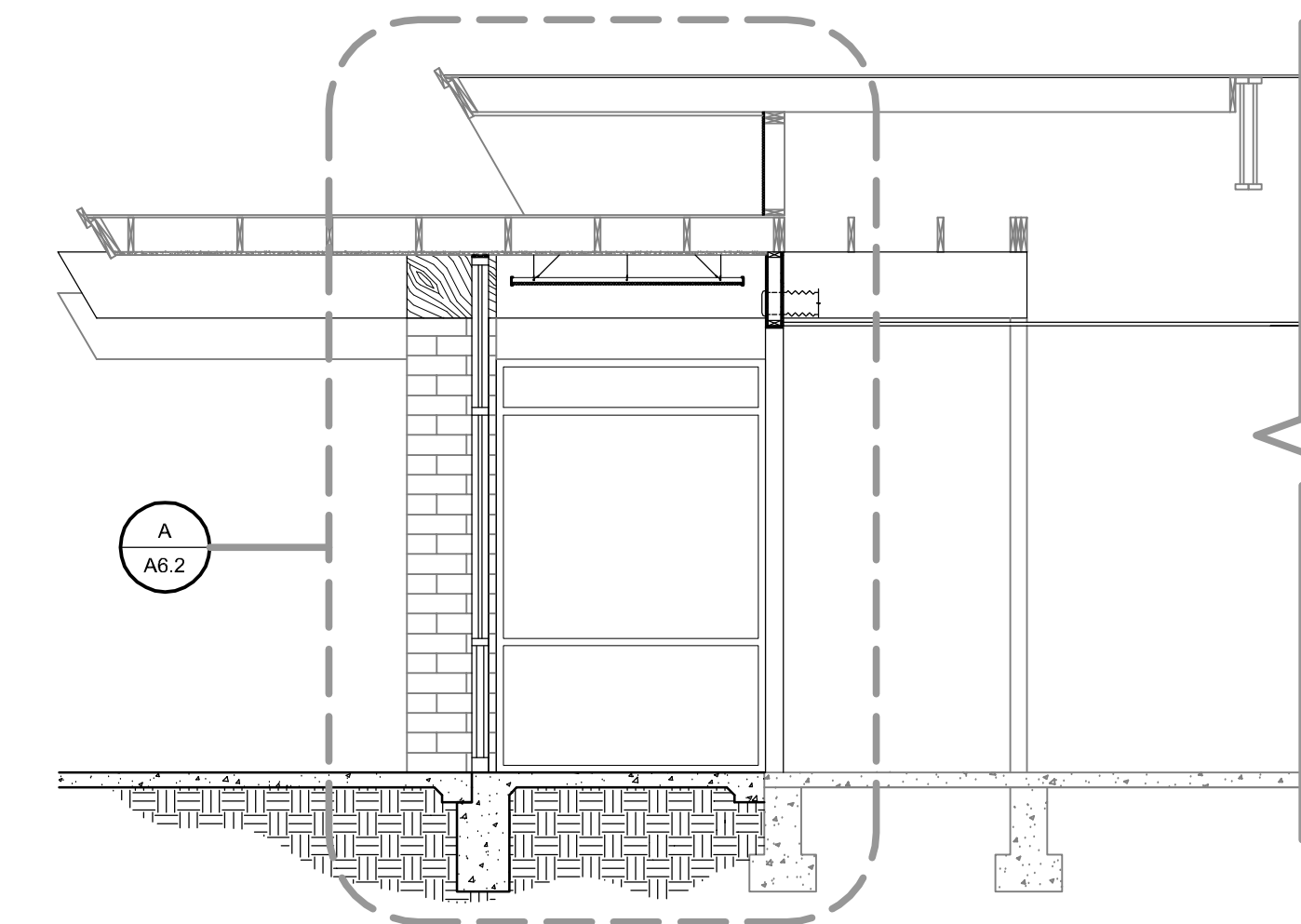
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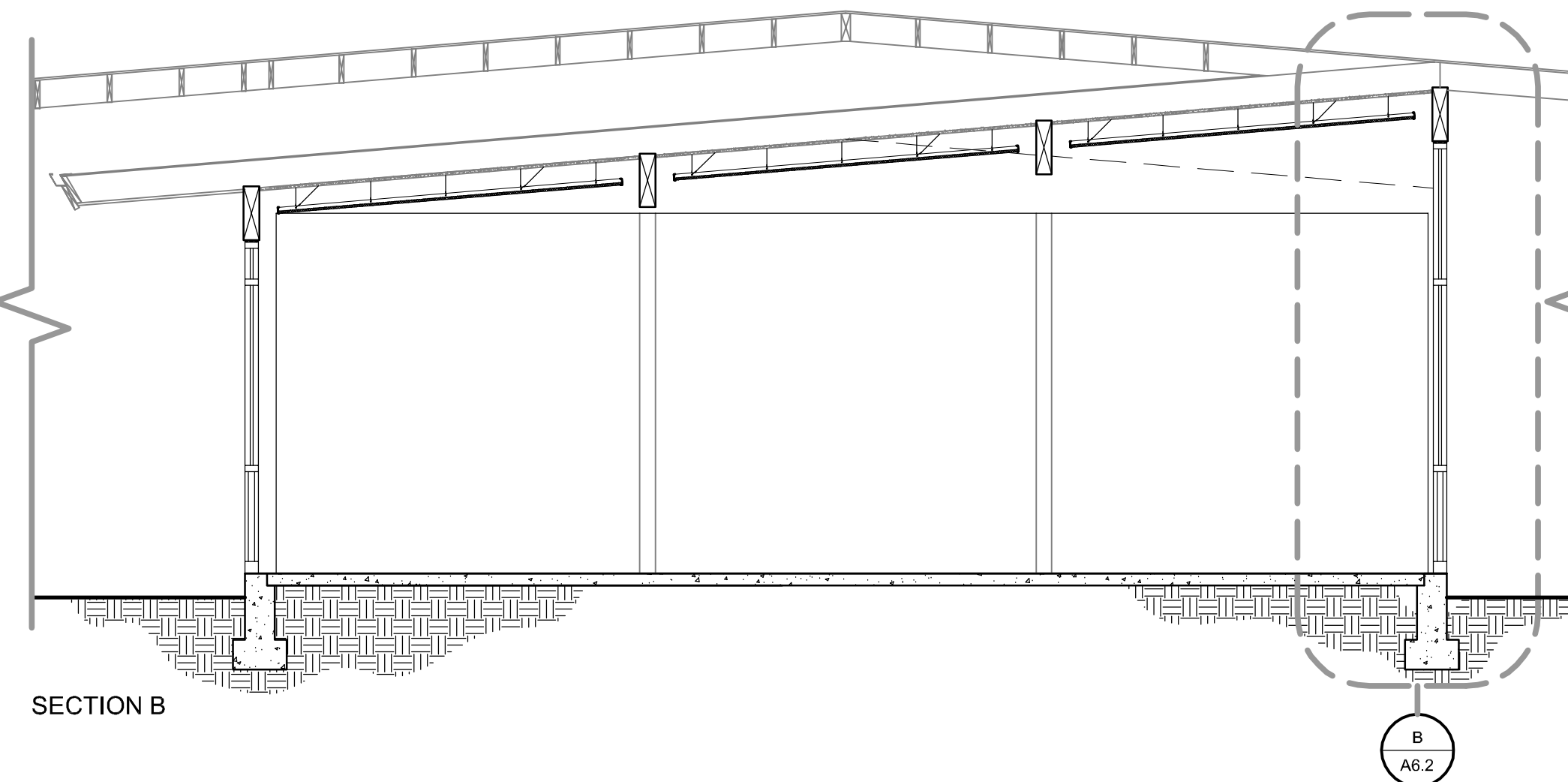
SECTION E

## 53 PHASE I BUILDING SECTIONS - HOLDING CELL ADDITION

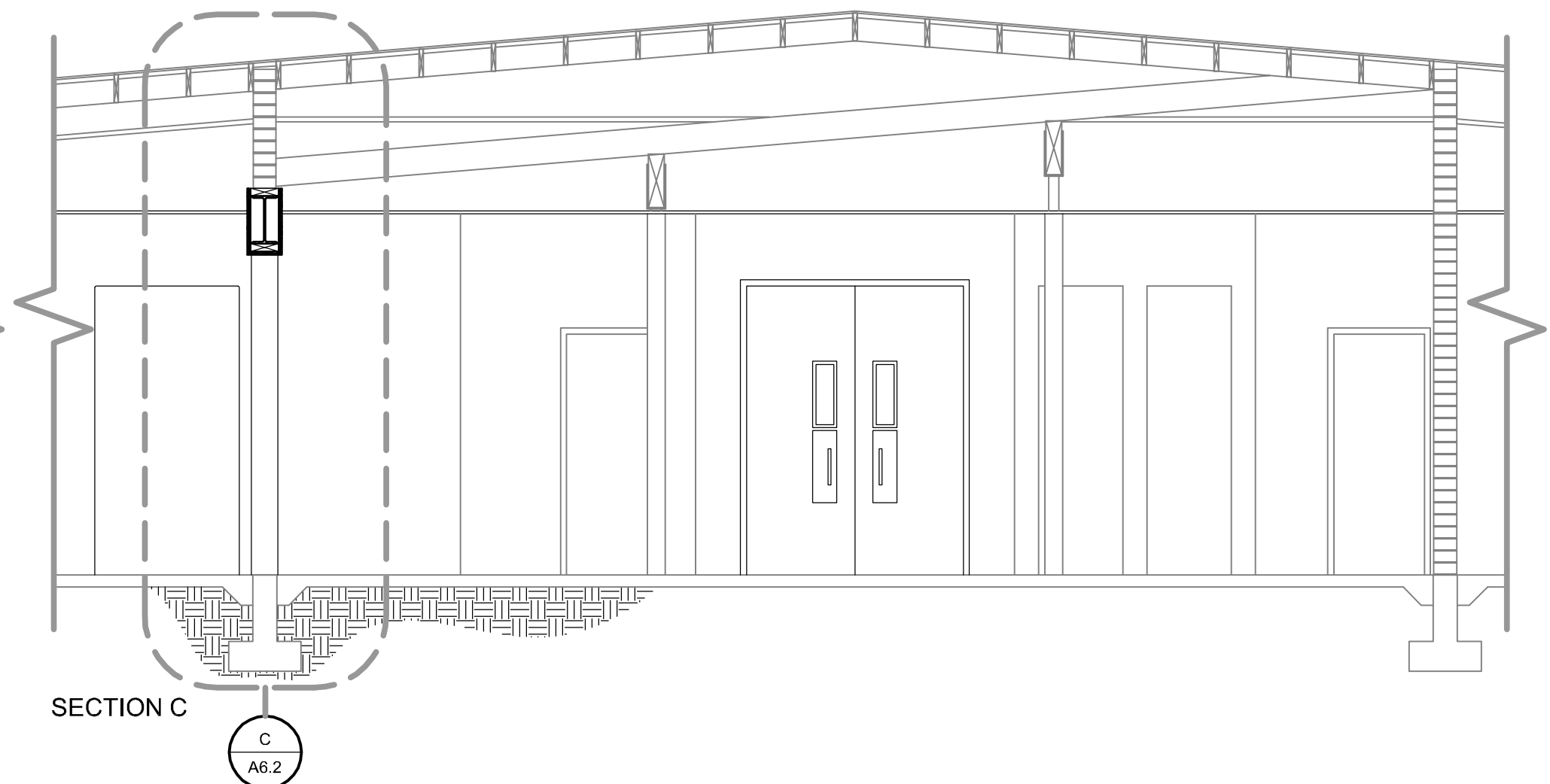
SCALE: 1/4" = 1'-0"



SECTION A



SECTION B



SECTION C

## 54 PHASE I BUILDING SECTIONS - LOBBY

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

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #

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SHEET TITLE

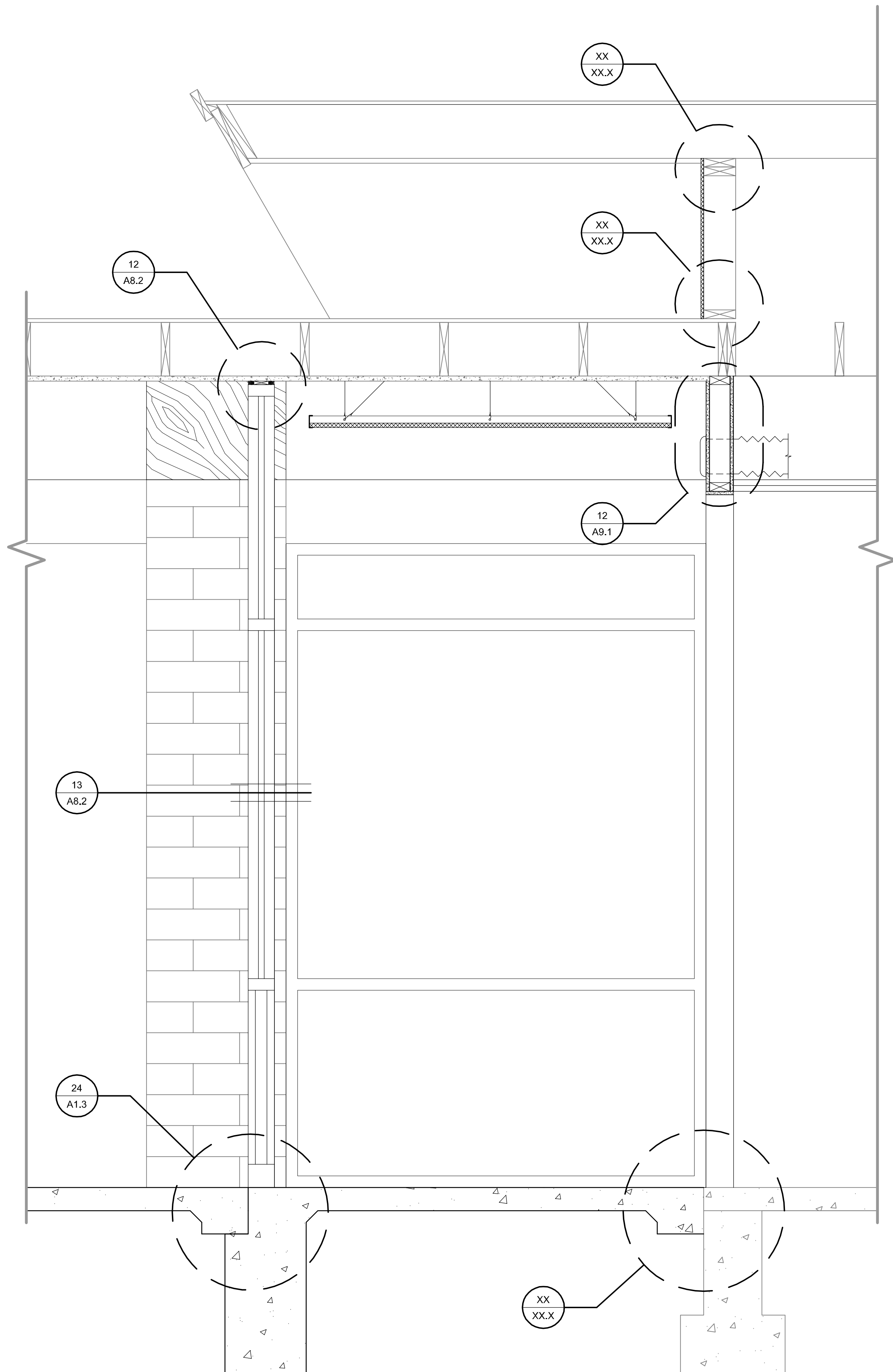
**PHASE I  
BUILDING  
SECTIONS**

SHEET #

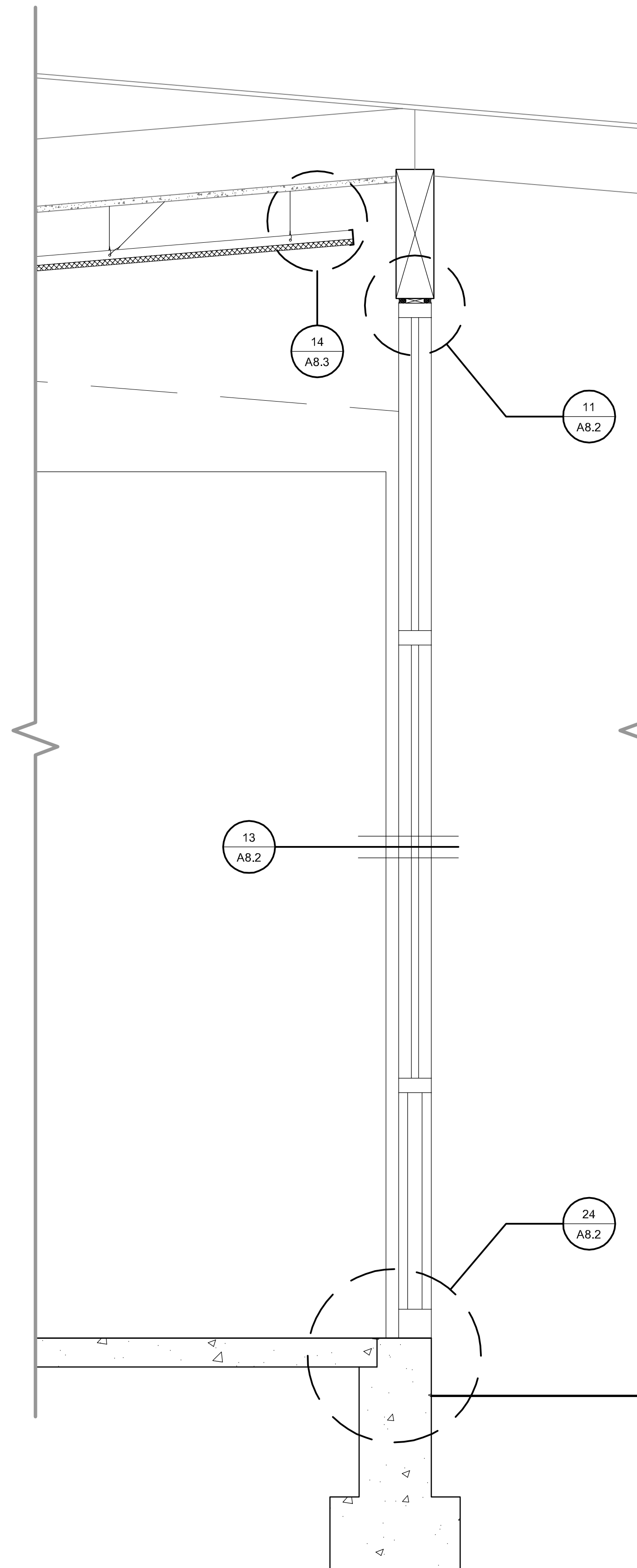
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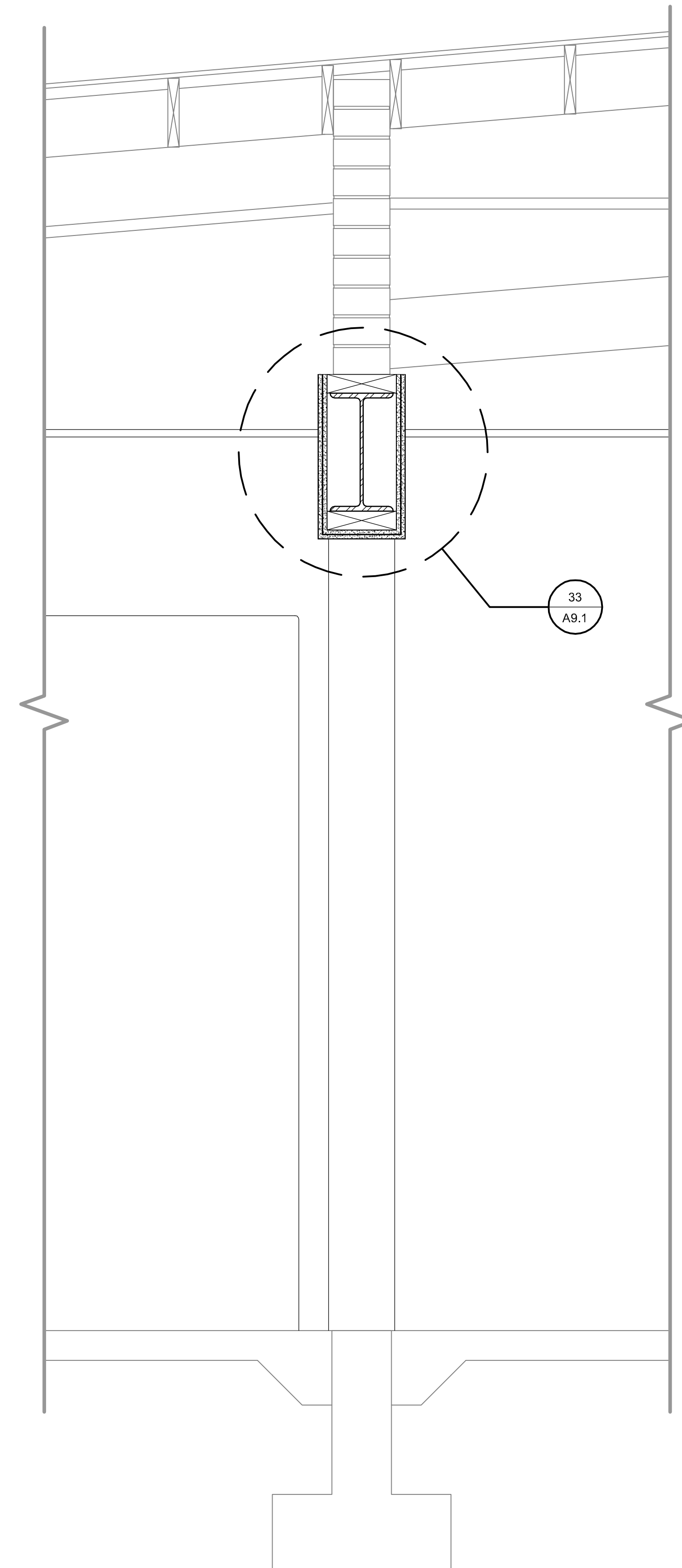
\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A6.1 - Phase I Sections.dwg, 3/24/2011 4:28:38 PM, PDF995



54 SECTION A  
SCALE: 1/4" = 1'-0"



34 SECTION B  
SCALE: 1/4" = 1'-0"



14 SECTION C  
SCALE: 1/4" = 1'-0"

PROJECT

**SUPERIOR COURT  
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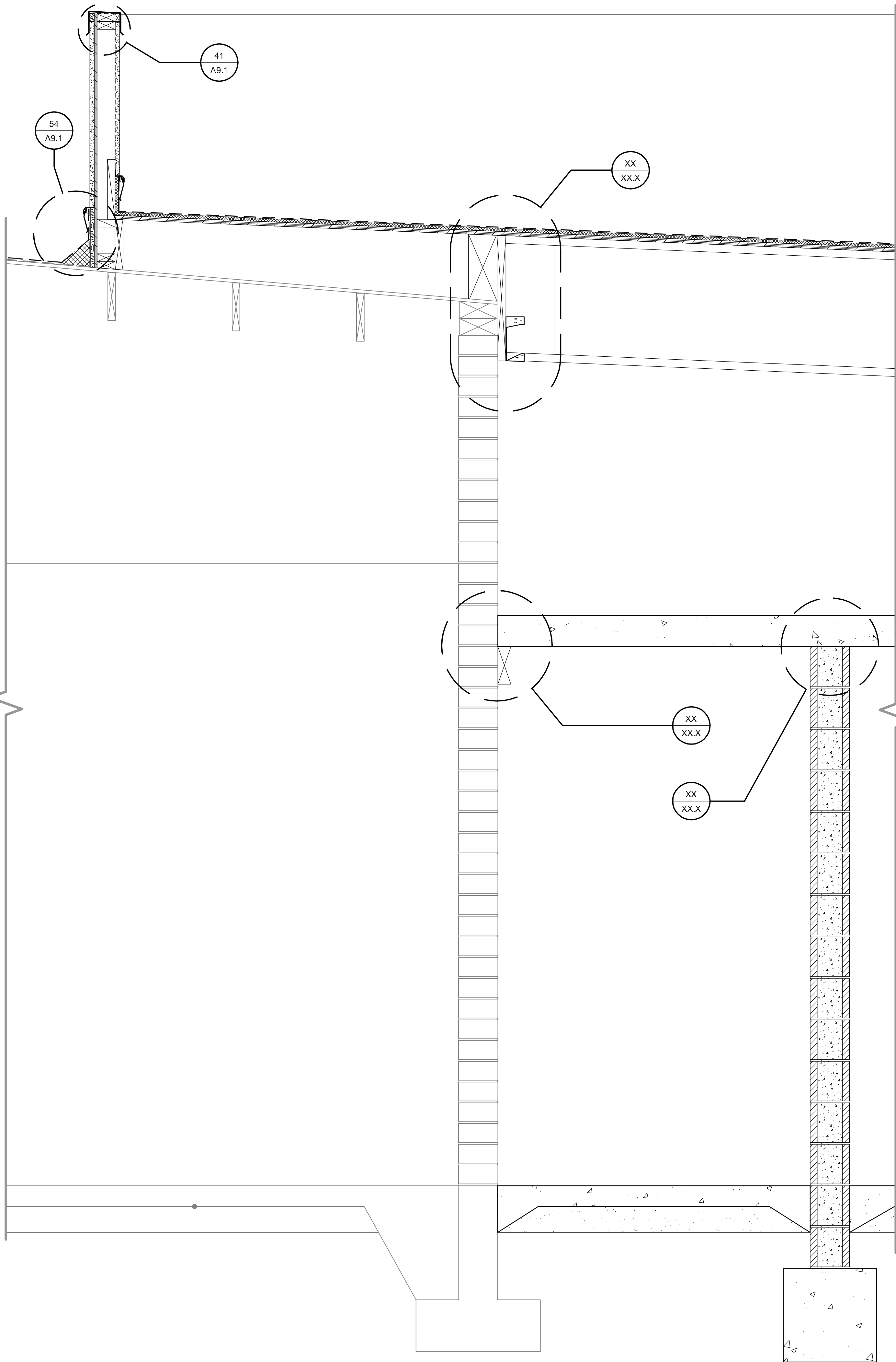
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**PHASE I  
WALL SECTIONS**

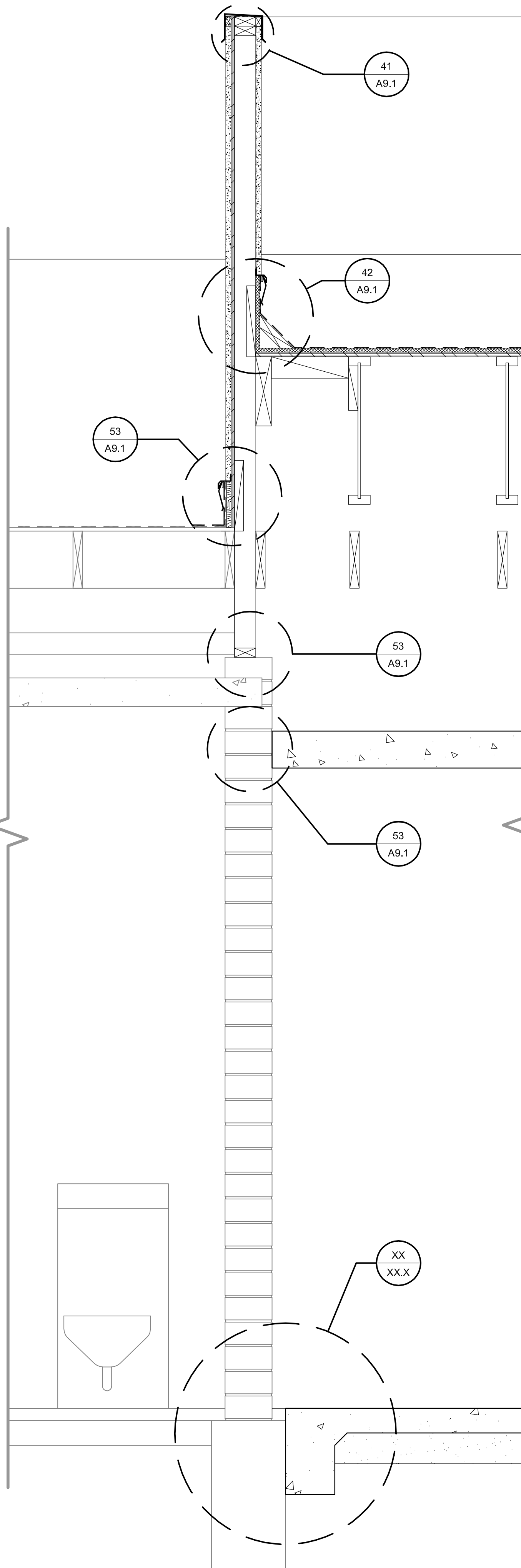
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**A6.2**

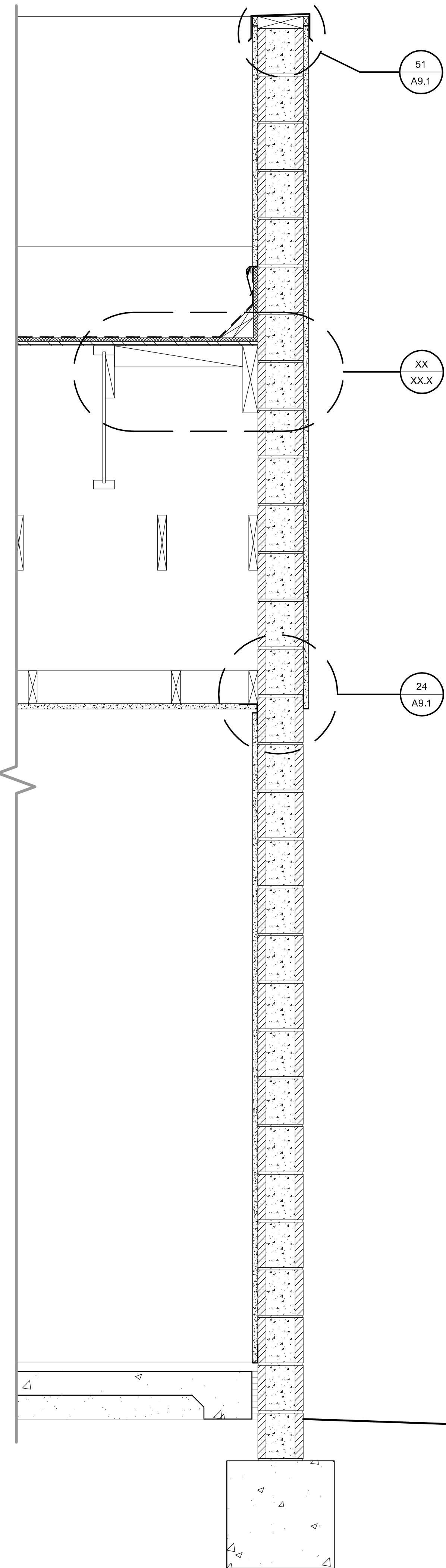
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54 SECTION D  
SCALE: 1" = 1'-0"



34 SECTION E  
SCALE: 1" = 1'-0"



14 SECTION F  
SCALE: 1" = 1'-0"

PROJECT

**SUPERIOR COURT  
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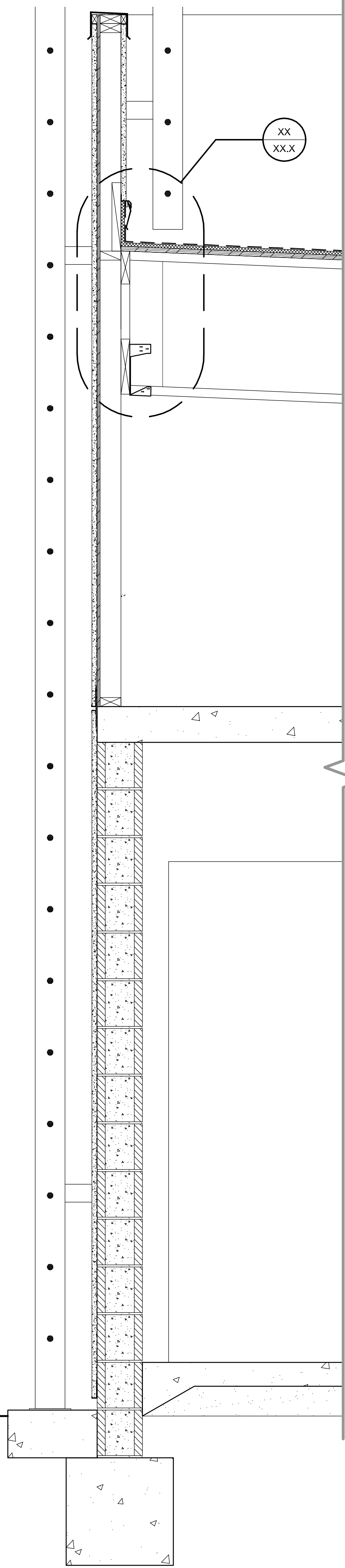
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**PHASE I  
WALL SECTIONS**

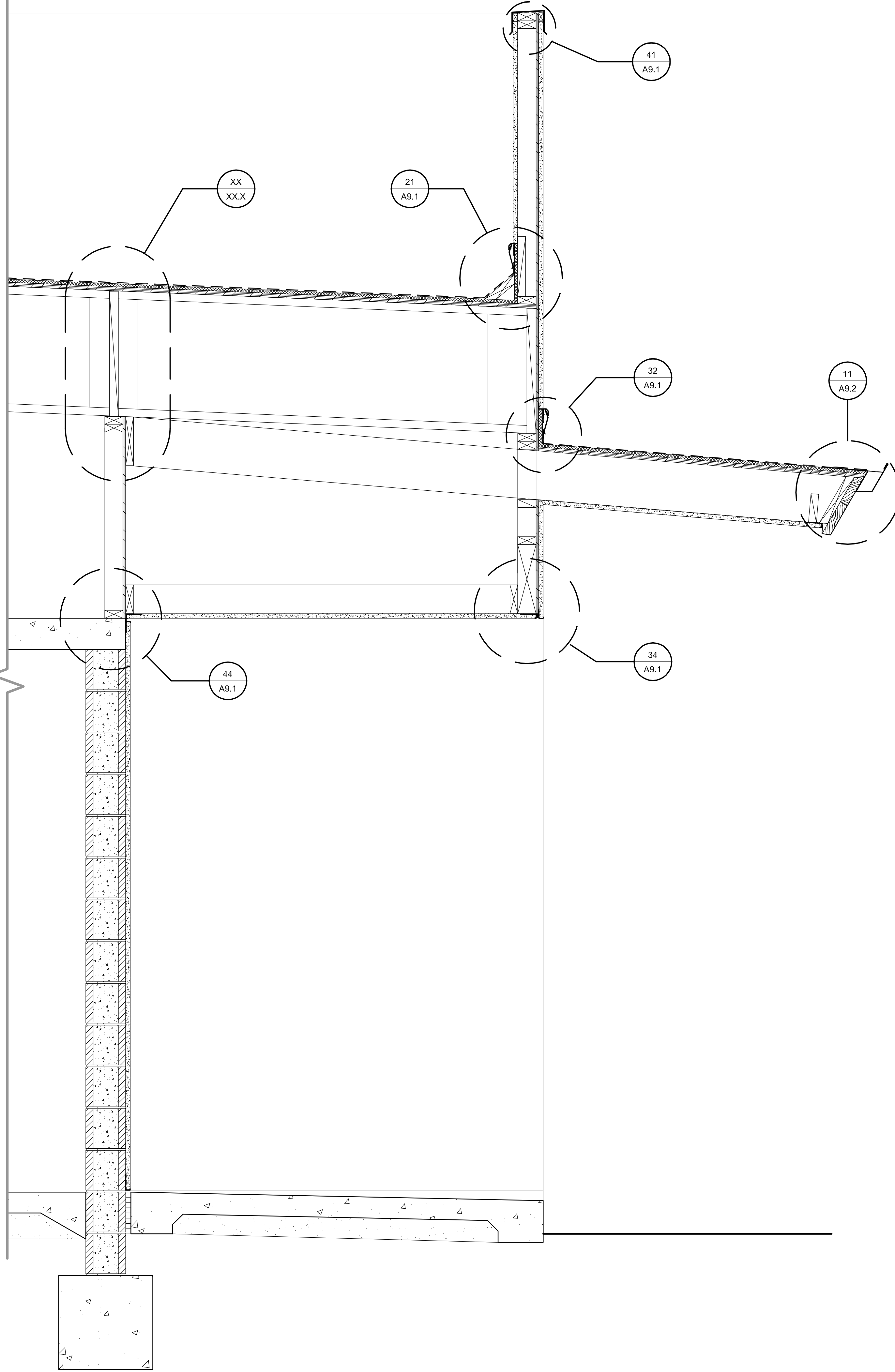
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**A6.3**

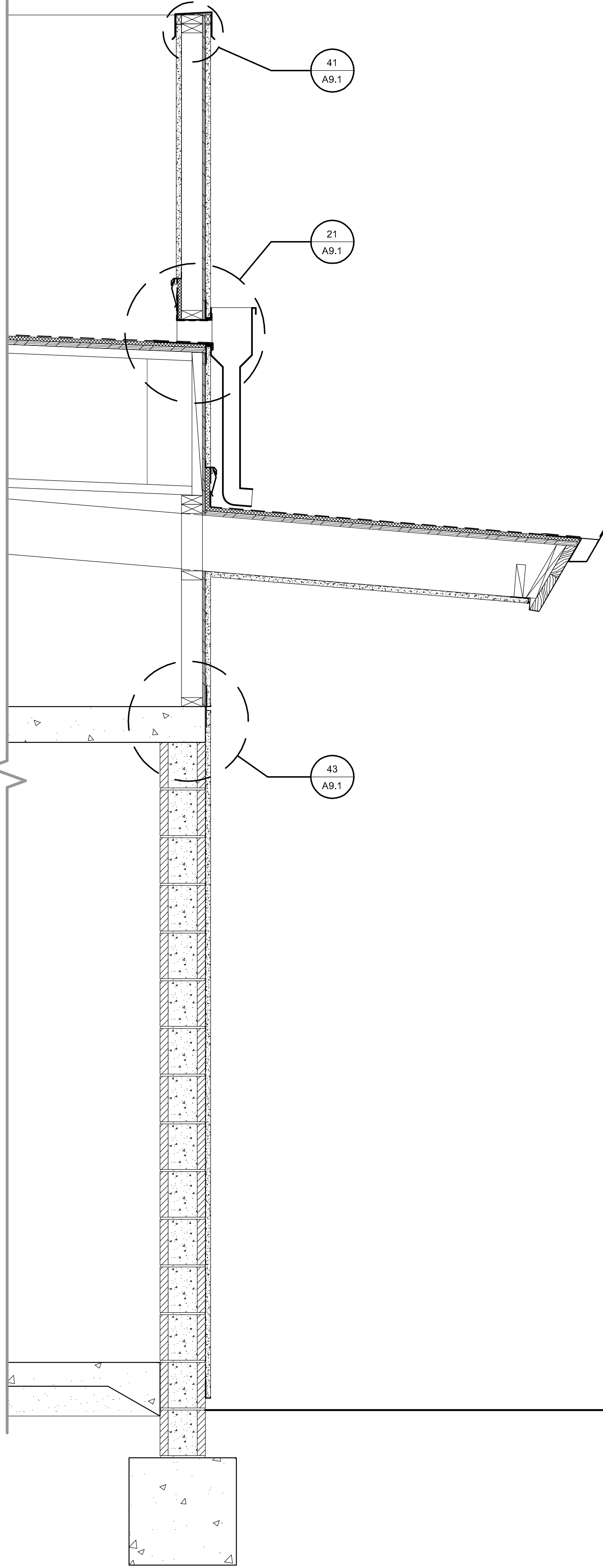
\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A6.1 - Phase I Sections.dwg, 3/23/2011 2:49:57 PM, PDF995



54 SECTION G  
SCALE: 1/4" = 1'-0"



44 SECTION H  
SCALE: 1/4" = 1'-0"



14 SECTION J  
SCALE: 1/4" = 1'-0"

PROJECT

**SUPERIOR COURT  
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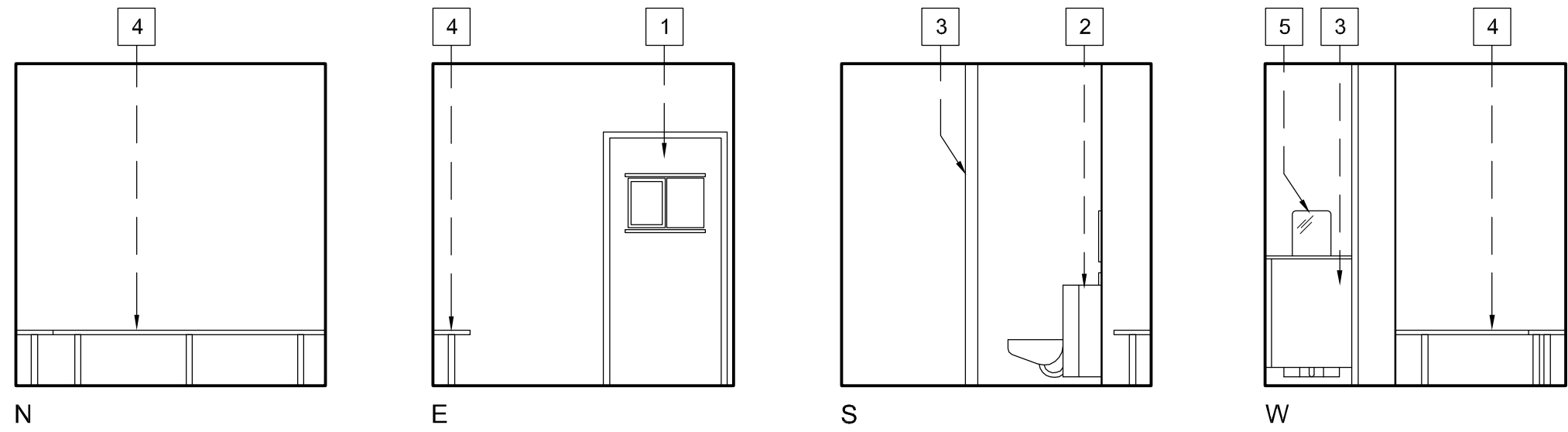
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**PHASE I  
WALL SECTIONS**

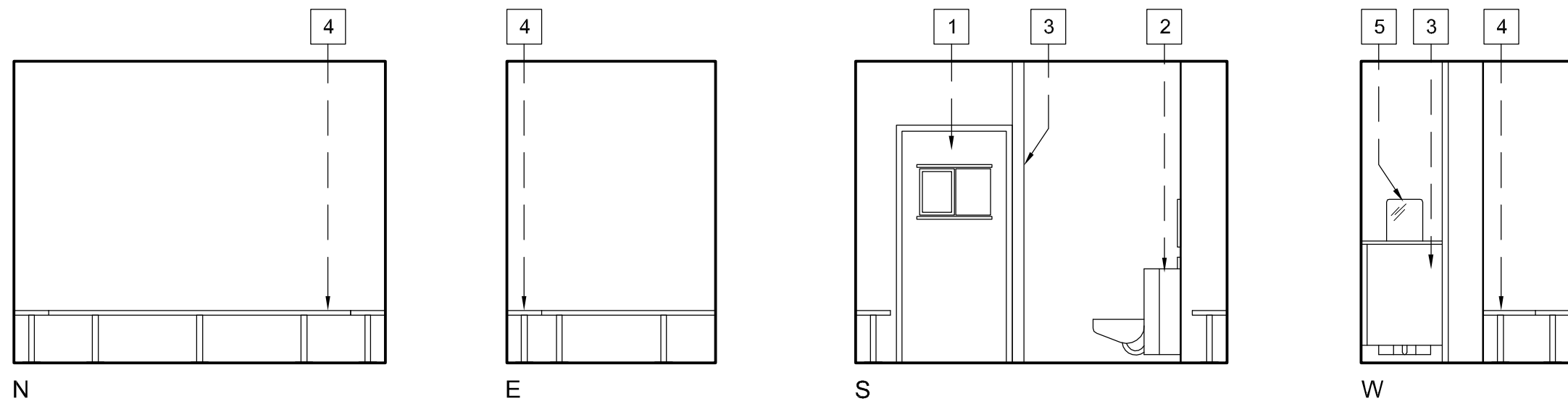
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**A6.4**

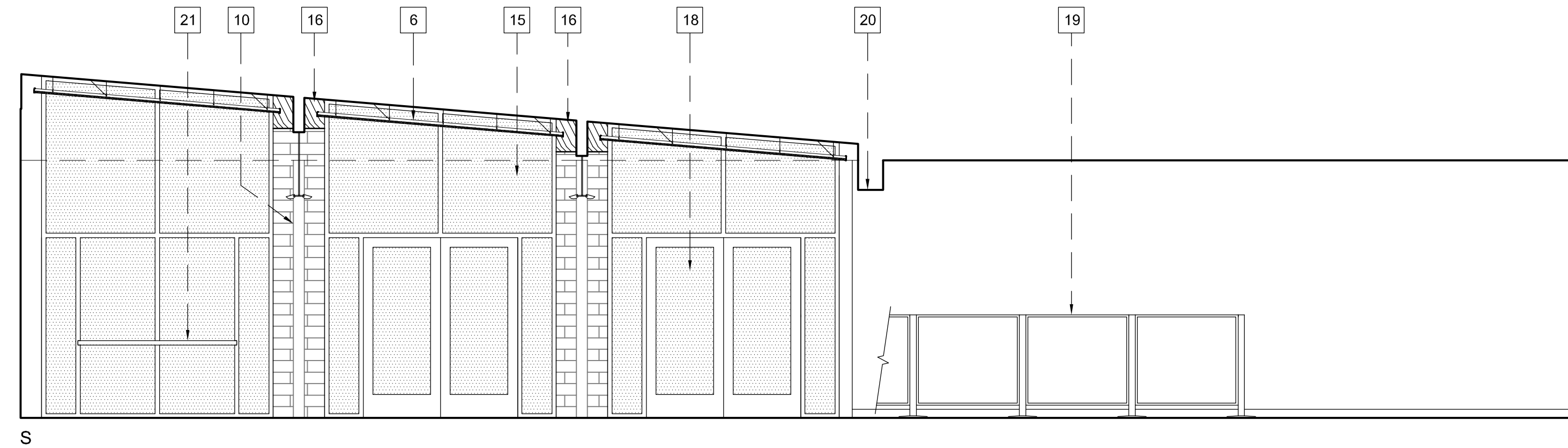
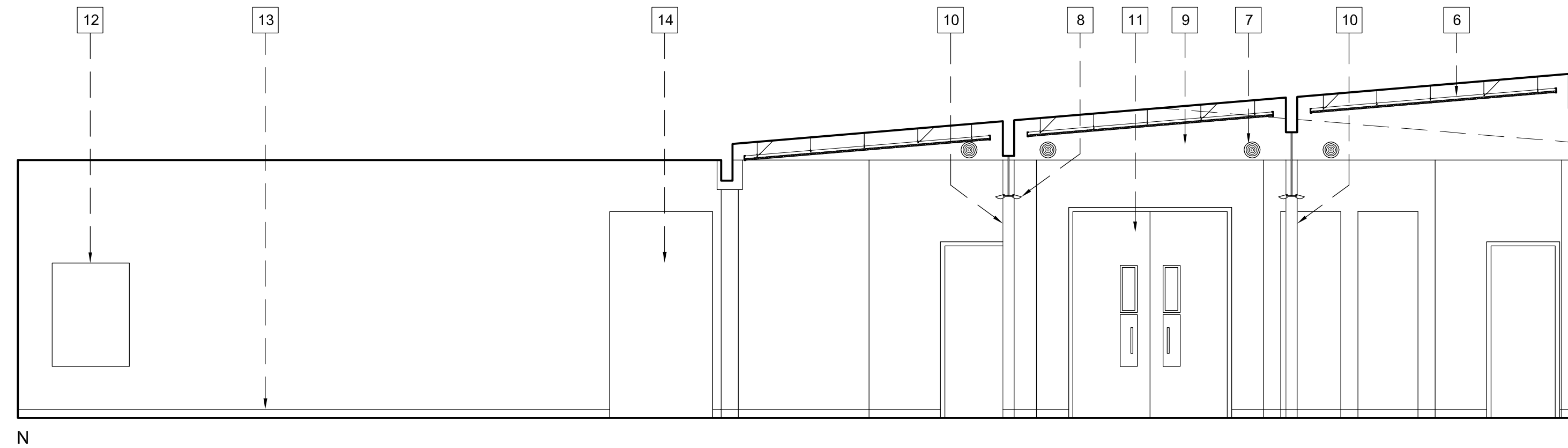
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41 **HOLDING CELL 1, CELL 2 (SIM.)**  
SCALE: 1/4" = 1'-0"



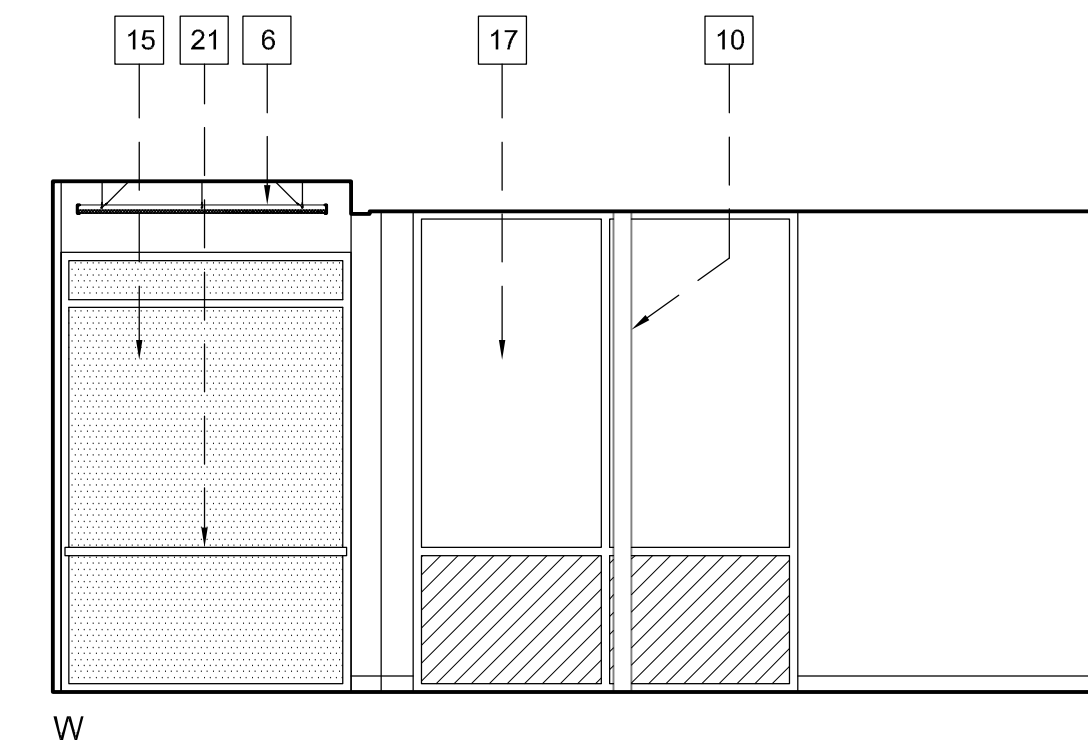
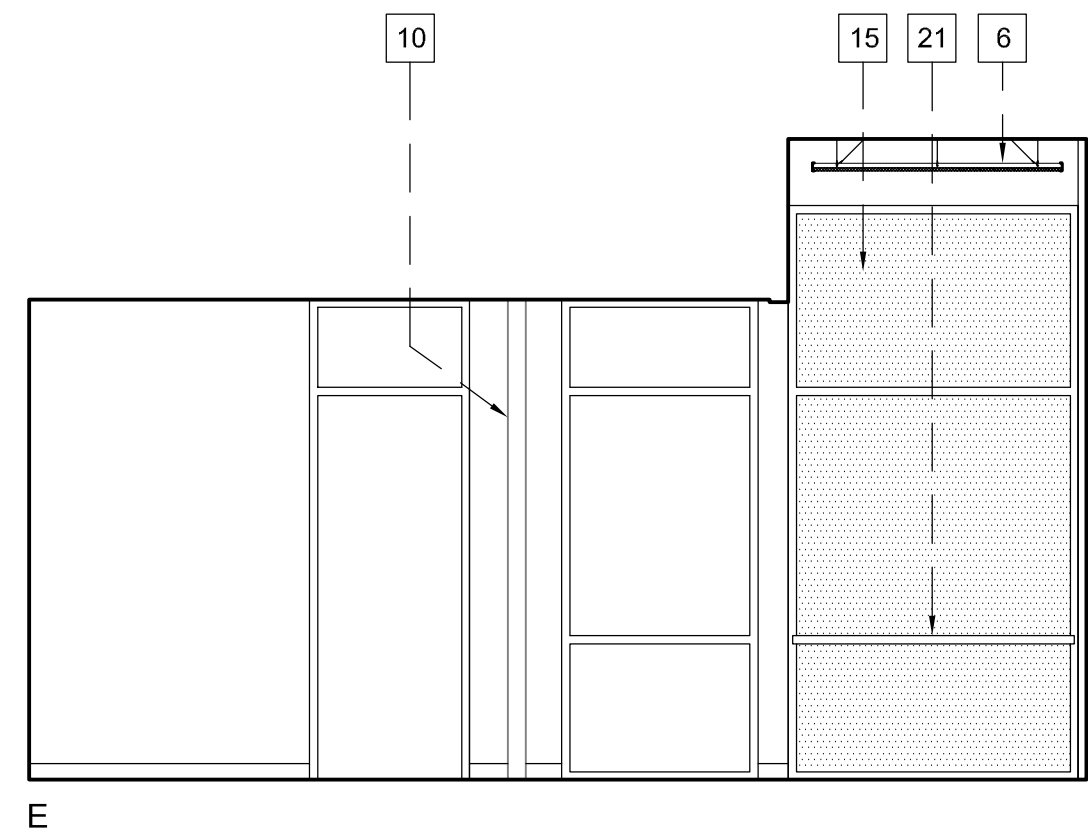
42 **HOLDING CELL 3**  
SCALE: 1/4" = 1'-0"



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

**INTERIOR ELEVATION KEYNOTES**

1. 3070 SOLID CORE STEEL DOOR
2. "COMBY" TOILET / SINK / BUBBLER
3. STAINLESS STEEL PRIVACY SCREEN
4. STAINLESS STEEL 12" FLOOR MTD. BENCH
5. 12-1/2"W X 16-1/2" H STAINLESS STL. MIRROR
6. SUSPENDED ACOUSTIC CEILING TILES.
7. ROUND SUPPLY AIR GRILLE.
8. SUSPENDED INDIRECT LIGHT FIXTURE CENTERED ON BEAM.
9. NEW SOFFIT WALL.
10. EXISTING STEEL COLUMN TO REMAIN.
11. NEW DOORS TO COURTROOM VESTIBULE.
12. DIRECTORY SIGN LOCATION.
13. 4" BASE, TYP.
14. 4' WIDE x 8' HIGH OPENING.
15. NEW STOREFRONT.
16. NEW INFILL BLOCKING AT EXISTING GLU-LAM BEAMS. SEE DETAIL 13/A9.1.
17. STOREFRONT REPLACED AFTER REMOVAL OF TEMPORARY DOORS.
18. NEW STOREFRONT DOORS.
19. BARRICADE WITH 48" POSTS AND 48" W x 42" H PANELS.
20. NEW PAINTED GYPSUM BOARD SOFFIT.
21. GLAZING PROTECTION BAR MOUNTED TO STOREFRONT AT 36" A.F.F.



PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

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SHEET TITLE

**PHASE I  
INTERIOR  
ELEVATIONS**

SHEET #

**A7.1**



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### DOOR SCHEDULE

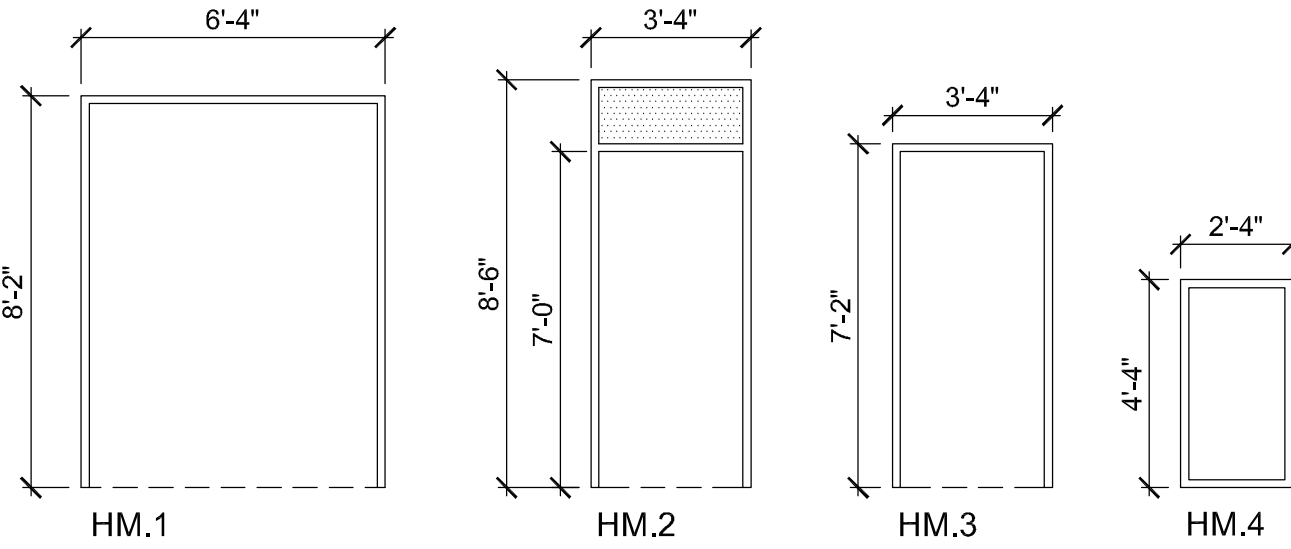
NO.	TYPE	FRAME	WIDTH	HT.	THICK.	REMARKS
1.1	AL.1	S.1	6'-0"	8'-0"	1-3/4"	STOREFRONT ENTRY PAIR, TEMPERED LITES, ANTI-TAILGATING SYSTEM
1.2	AL.3	S.2	6'-0"	8'-0"	1-3/4"	STOREFRONT ENTRY PAIR, TEMPERED LITES
1.3	WD.1	HM.1	6'-0"	8'-0"	1-3/4"	VESTIBULE PAIR, GLASS-CLAD POLYCARBONATE VIEW LITES
1.4	SD.1	HM.3	6'-0"	7'-0"	1-3/4"	HALLWAY PASSAGE, GLASS-CLAD POLYCARBONATE VIEW LITE
1.5-1.6	WD.2	HM.3	6'-0"	7'-0"	1-3/4"	JURY ROOM / COURT ROOM 2 ENTRY
1.7-1.9	SD.2	HM.3	3'-0"	7'-0"	1-3/4"	HOLDING CELL ENTRY, GLASS-CLAD POLYCARBONATE , 60 MIN. RATED
1.10-1.12	WD.3	HM.4	2'-0"	4'-0"	1-3/4"	CHASE ACCESS DOOR
1.13	SD.1	HM.3	6'-0"	7'-0"	1-3/4"	HALLWAY PASSAGE, GLASS-CLAD POLYCARBONATE VIEW LITE
1.14	SD.3	HM.2	3'-0"	7'-0"	1-3/4"	TRANSOM WITH GLASS-CLAD POLYCARBONATE

#### GENERAL DOOR NOTES

- THE UNLATCHING OF ANY EXIT DOOR SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE.
- HC ACCESSIBLE DOOR HARDWARE SHALL BE CENTERED BETWEEN 30 AND 44 INCHES ABOVE FINISH FLOOR OR LANDING, AND SHALL BE OPERATED WITH SINGLE PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- INTERIOR AND EXTERIOR THRESHOLDS SHALL BE NO HIGHER THAN 1/2 INCH ABOVE ADJACENT FLOOR LEVELS. HC ACCESSIBLE THRESHOLDS SHALL BE REQUIRED TO BE SLOPED A MINIMUM OF 2 HORIZONTAL TO 1 VERTICAL SO THAT NO VERTICAL CHANGE OF ELEVATION EXCEEDS 1/4 INCH.
- ON DOORS THAT HAVE CLOSERS, THE DOOR CLOSER PRESSURE SHALL NOT EXCEED 5 POUNDS FOR INTERIOR DOORS AND 8.5 POUNDS FOR EXTERIOR DOORS.
- THE BOTTOM 10 INCHES OF ALL HC ACCESSIBLE DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
- ALL GLAZING IN DOORS SHALL BE TEMPERED.

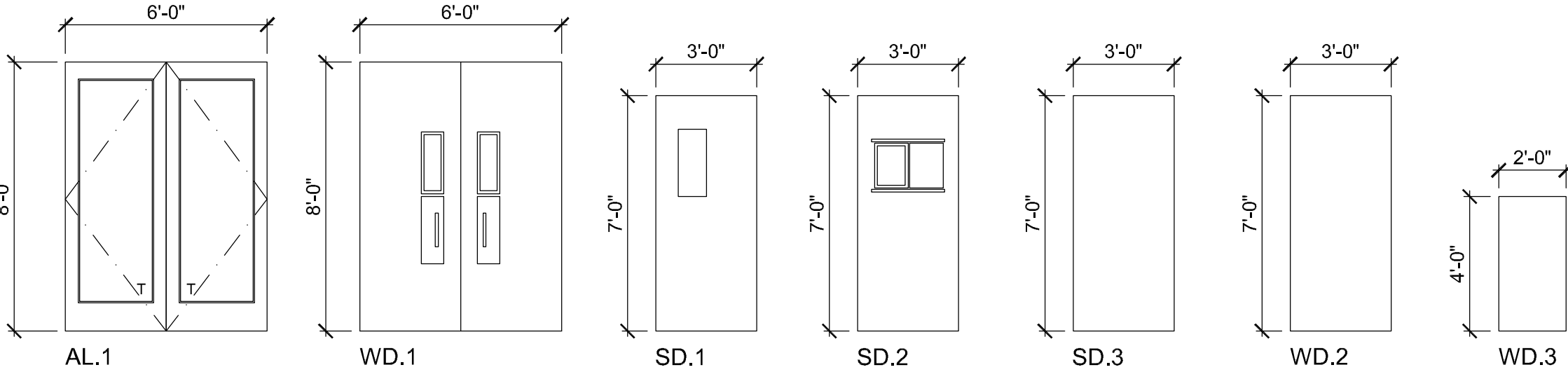
#### LEGEND

AL ALUMINUM, STOREFRONT OR DOOR FRAME  
HM HOLLOW STEEL FRAME  
WD STAIN GRADE SOLID WOOD DOOR  
SD STEEL DOOR



### PHASE I FRAME TYPES

1/4"= 1' -0"



### PHASE I DOOR TYPES

1/4"= 1' -0"

### FINISH SCHEDULE

ROOM NAME	FLOOR	BASE	WALLS	CEILING
ENTRY LOBBY	SC-1	RB-1	GB-1	AC-1
VESTIBULE	SC-1	(E)	GB-1	AC-1
HOLDING CELLS	EP-1	N/A	EP-2	EP-3
SECURE HALLWAYS	EP-1	RB-1	AP-1	EP-3

### FINISH LEGEND

TYPE	FLOOR
SC-1	STAINED CONCRETE
EP-1	EPOXY COATING OVER CONCRETE SLAB

	BASE
RB-1	4" COVED RESILIENT WALL BASE

	WALLS
GB-1	NEW SEMI-GLOSS PAINT OVER EXISTING GYPSUM BOARD
EP-2	BLOCK FILLER AND EPOXY COATING OVER CONCRETE BLOCK
AP-1	ACRYLIC PAINT OVER BLOCK FILLER OVER CONCRETE BLOCK

	CEILING
EP-3	EPOXY COATING OVER CONCRETE SLAB
AC-1	NEW SUSPENDED ACOUSTIC TILE

### STOREFRONT SCHEDULE

SYM.	FRAME	WIDTH	HT.	GLAZING	REMARKS
S.1	AL	9'-0"	10'-9" / 11'-6"	G.1	FIXED GLAZING W/ PR 3'-0" x 8'-0" DOOR OPENING
S.2	AL	9'-0"	11'-8" / 12'-5"	G.1	FIXED GLAZING W/ PR 3'-0" x 8'-0" DOOR OPENING
S.3	AL	9'-0"	12'-7" / 13'-4"	G.1	FIXED GLAZING, GLAZING PROTECTION BAR @ 36"
S.4	AL	6'-0"	12'-0"	G.1	FIXED GLAZING, GLAZING PROTECTION BAR @ 36"
S.5	AL	6'-0"	9'-3"	G.1	FIXED GLAZING, GLAZING PROTECTION BAR @ 36"
S.6	AL	8'-0"	10'-0"	G.1	FIXED GLAZING W/ OPAQUE SPANDREL TO MATCH (E)

### GENERAL NOTES

#### GLAZING LEGEND:

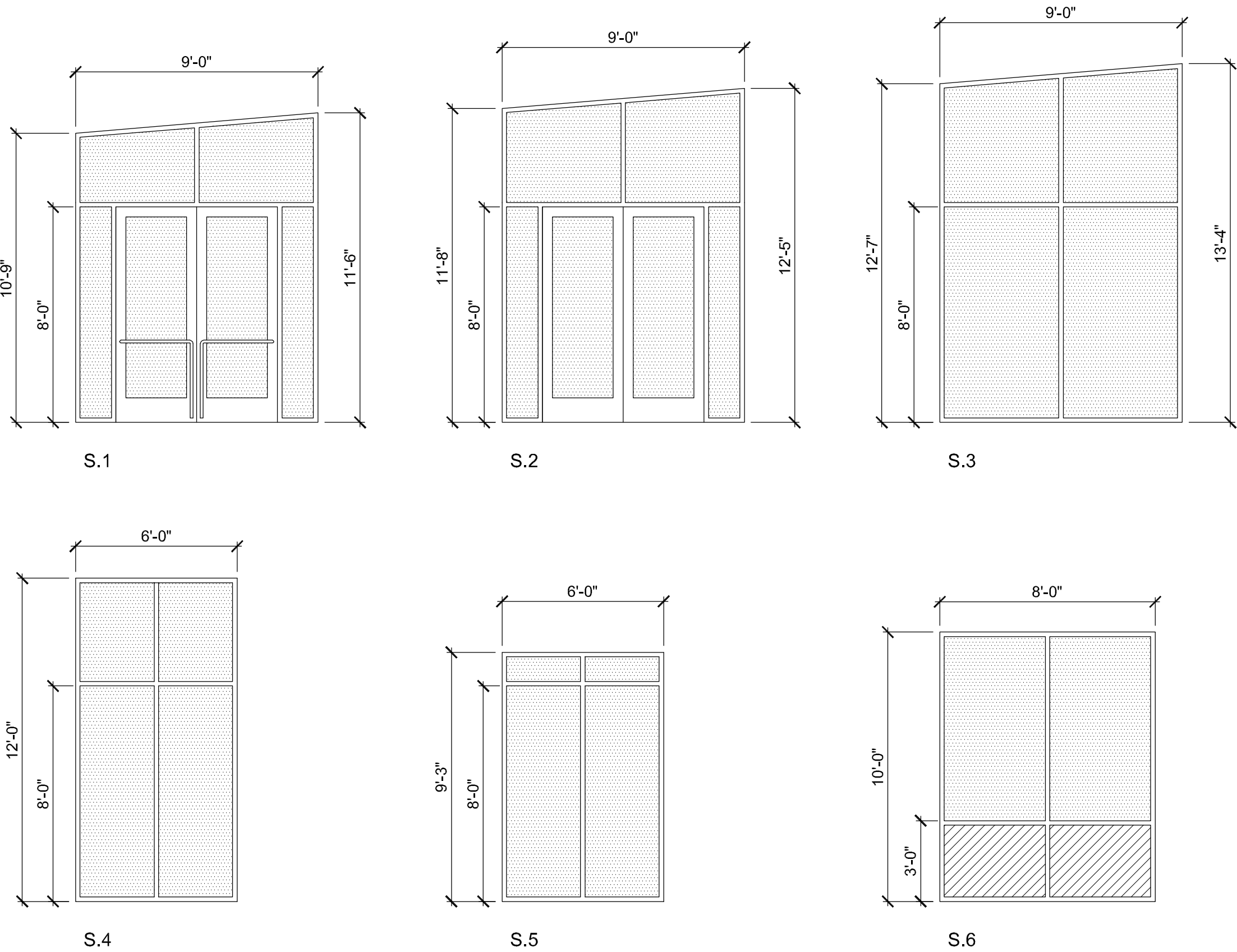
G.1 1" INSULATING GLASS, HIGH PERFORMANCE, REGULAR STRENGTH

#### MATERIAL LEGEND:

AL = ALUMINUM

#### SAFETY GLAZING REQUIREMENTS:

- GLAZING IN WINDOWS ADJACENT TO DOORS WHERE THE GLAZING IS WITHIN 24 INCHES OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION SHALL BE SAFETY GLAZING (TEMPERED GLASS).



### PHASE I STOREFRONTS

1/4"= 1' -0"

PROJECT

**SUPERIOR COURT  
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COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
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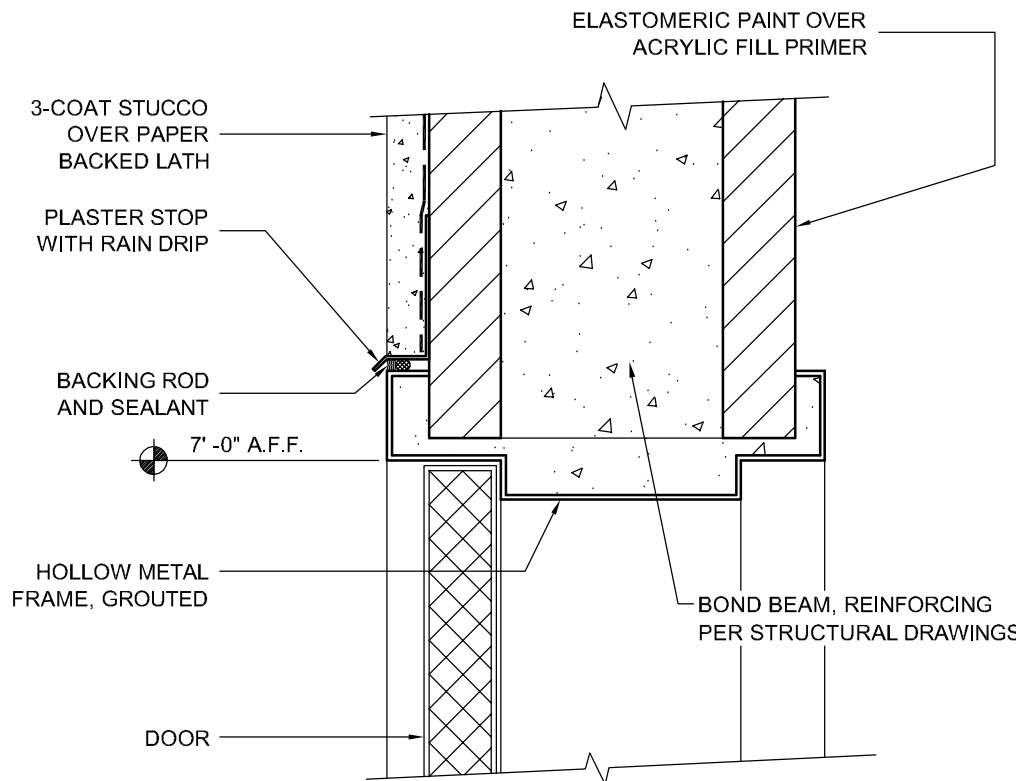
SHEET TITLE

**PHASE I  
SCHEDULES**

SHEET #

**A8.1**

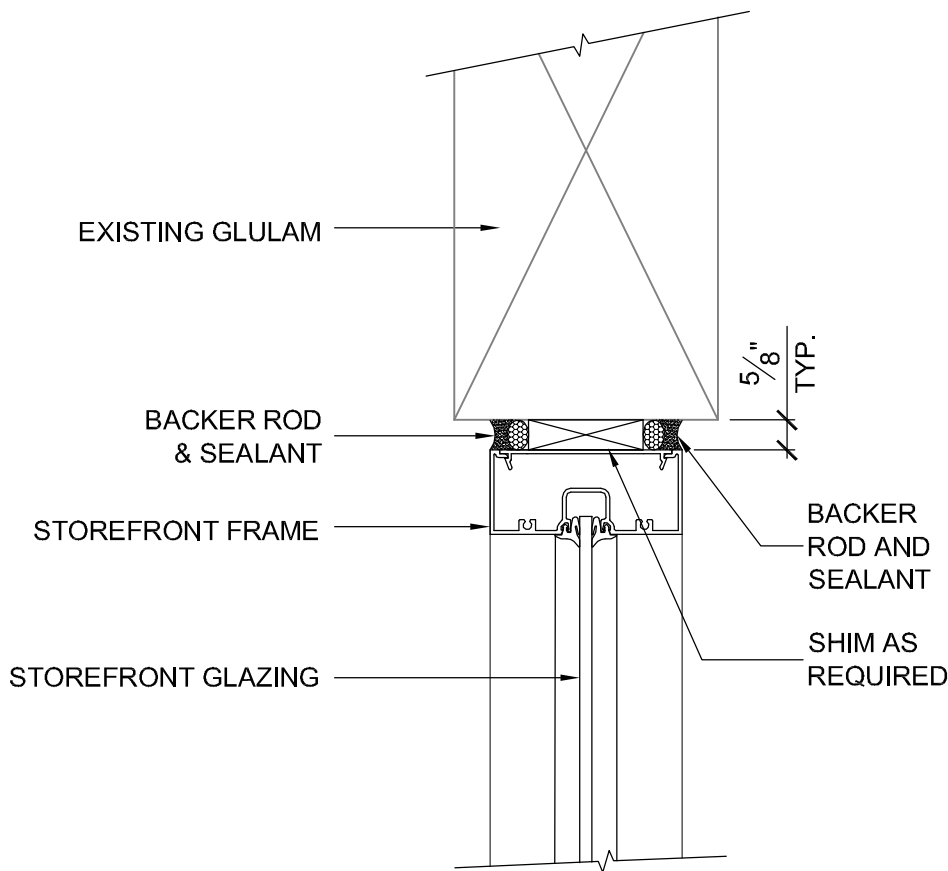
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DOOR HEAD

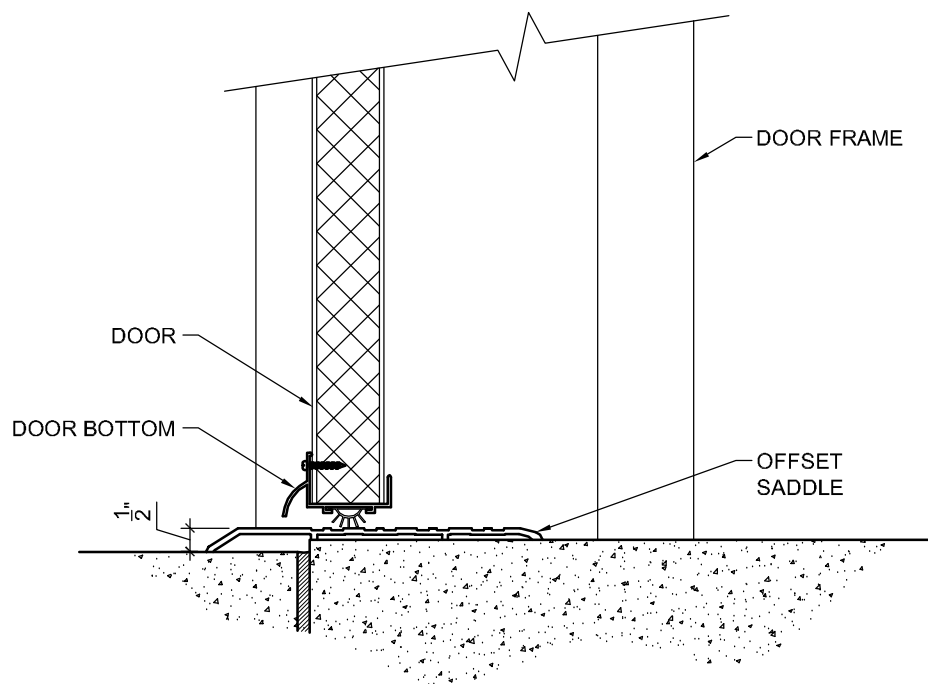
3"=1'-0"

D087008D



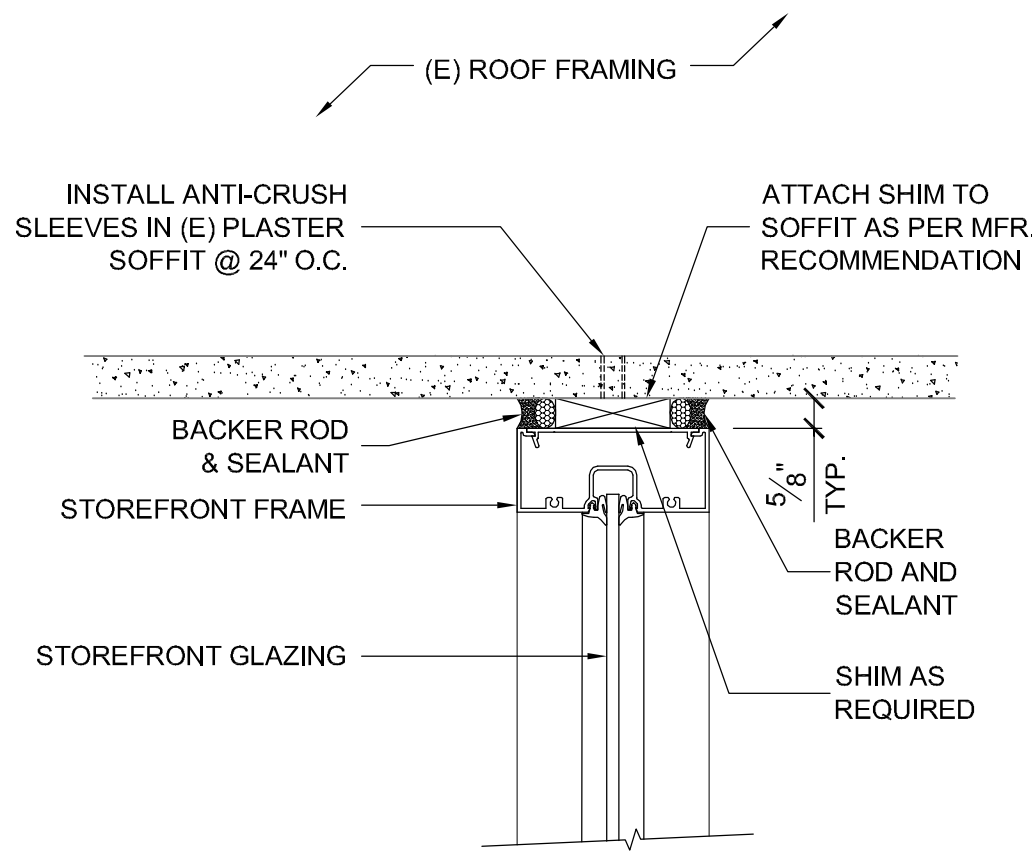
STOREFRONT HEAD

3"=1'-0"



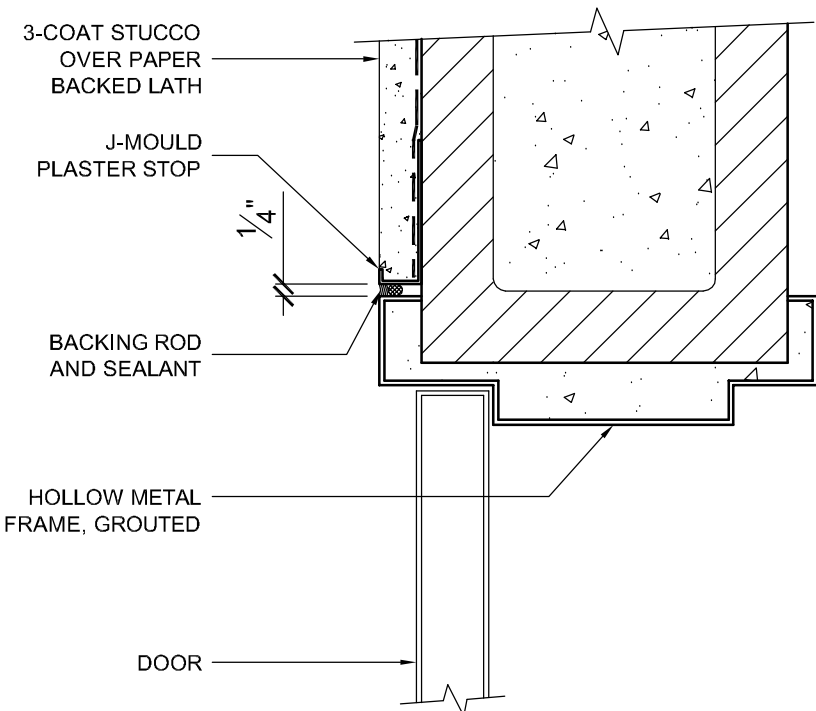
DOOR THRESHOLD

3"=1'-0"



STOREFRONT HEAD

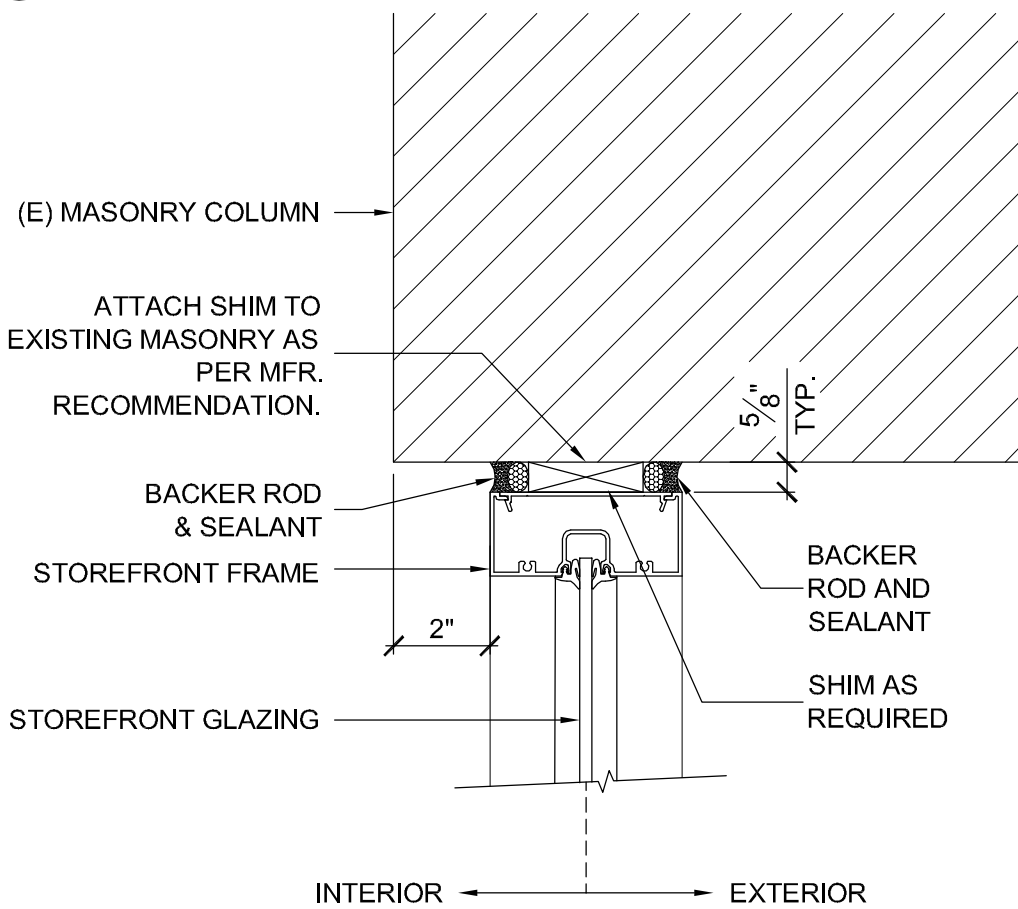
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DOOR JAMB

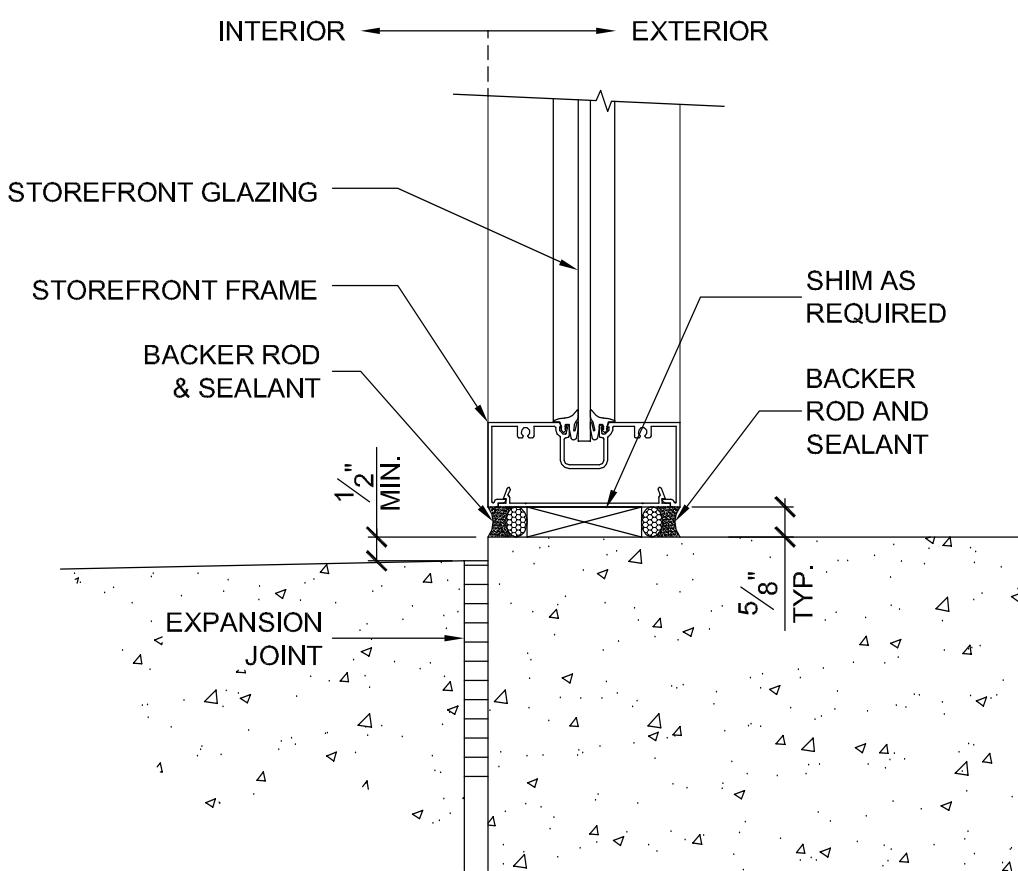
3"=1'-0"

D087008D



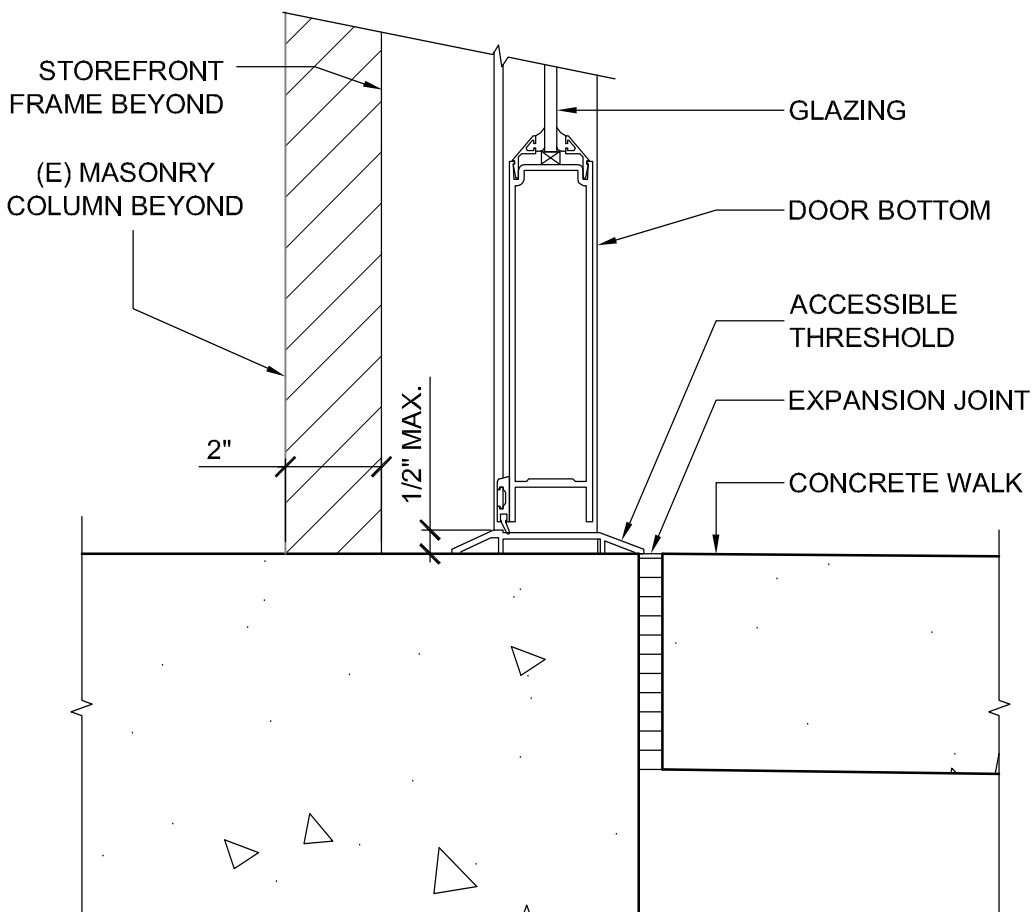
STOREFRONT JAMB

3"=1'-0"



STOREFRONT SILL

3"=1'-0"



STOREFRONT THRESHOLD

3"=1'-0"

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #

1007

**FRASER  
SEIPLE  
ARCHITECTS**

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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

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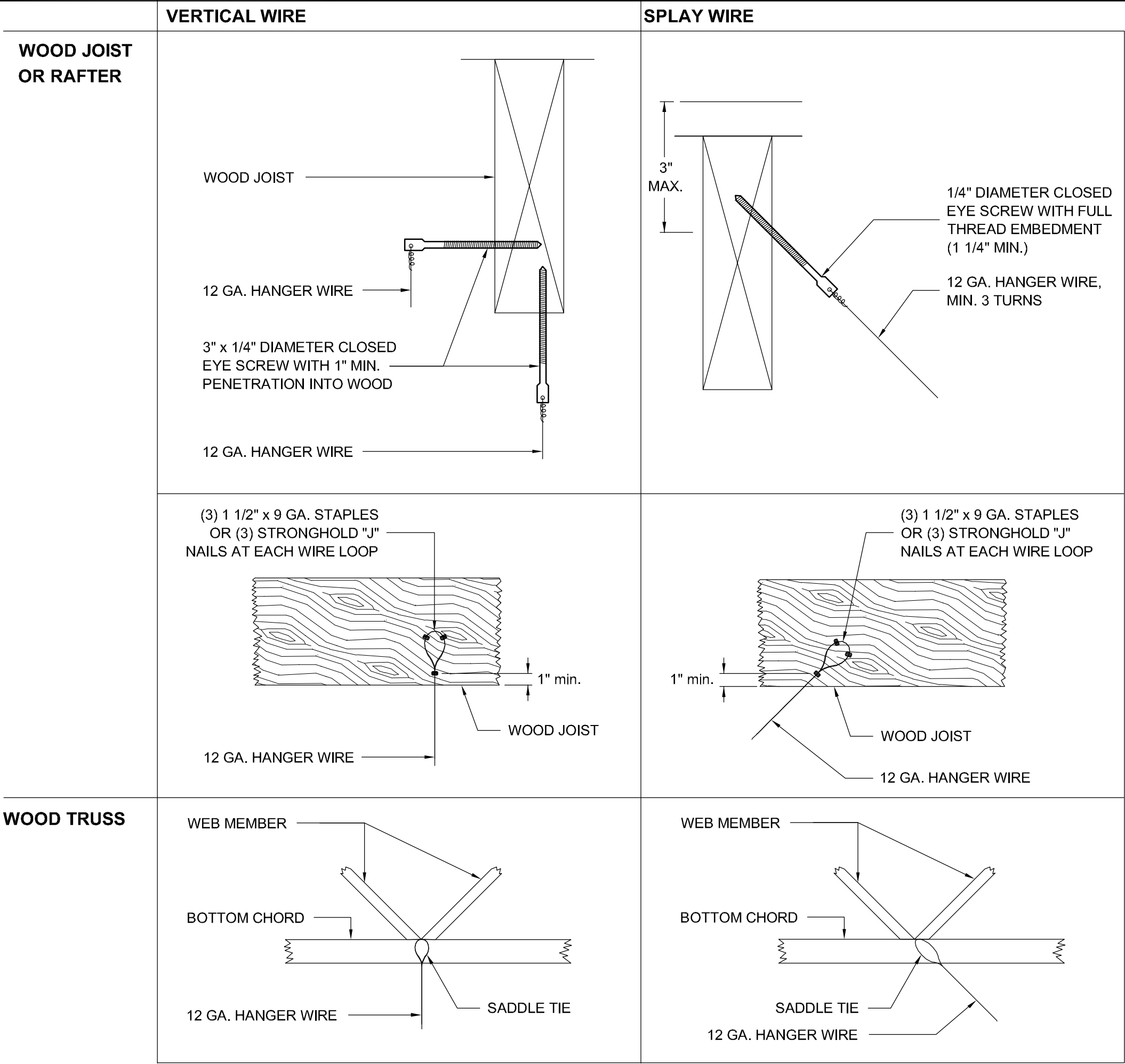
SHEET TITLE

**PHASE I  
STOREFRONT,  
DOOR & WINDOW  
DETAILS**

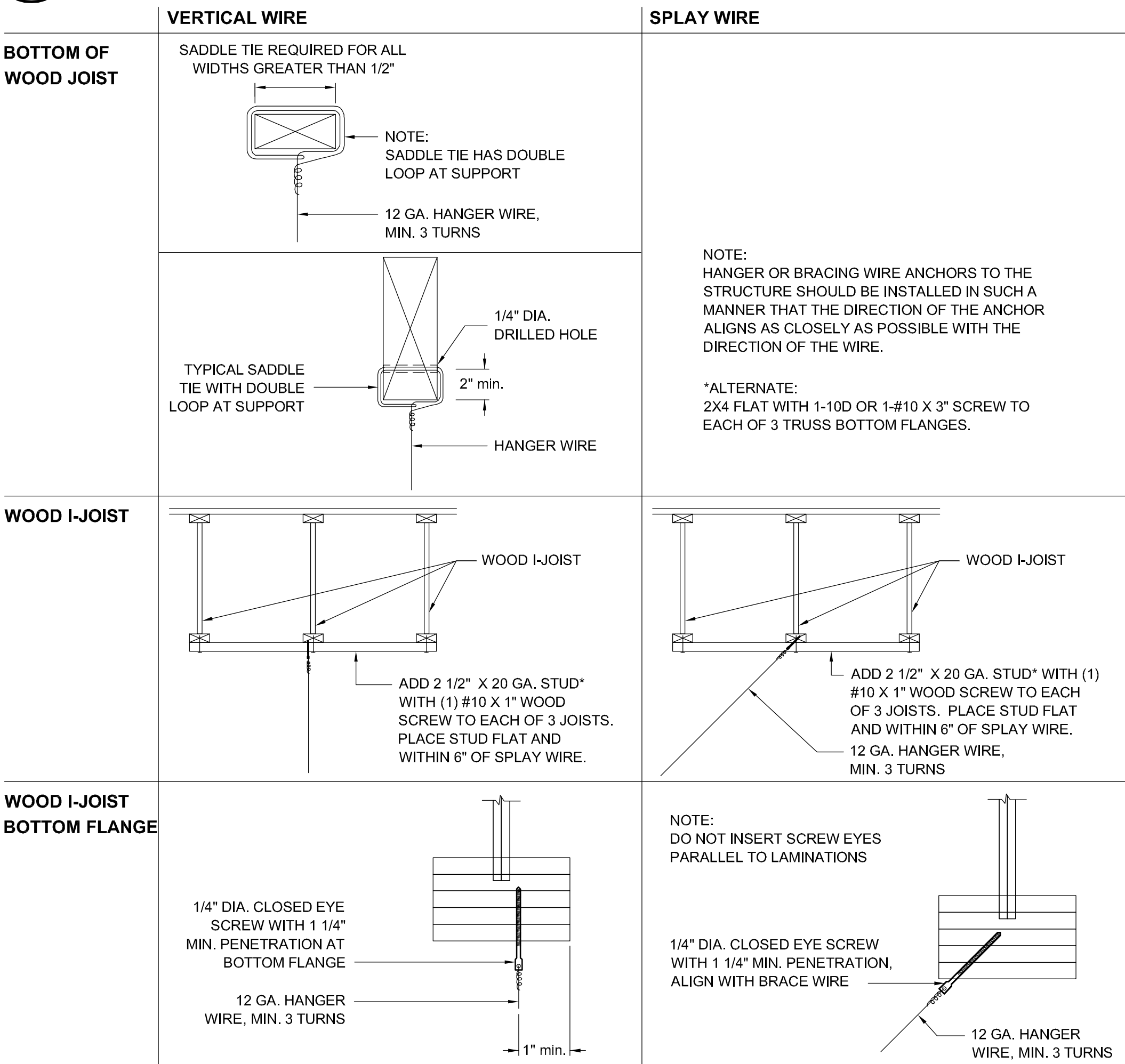
SHEET #

**A8.2**

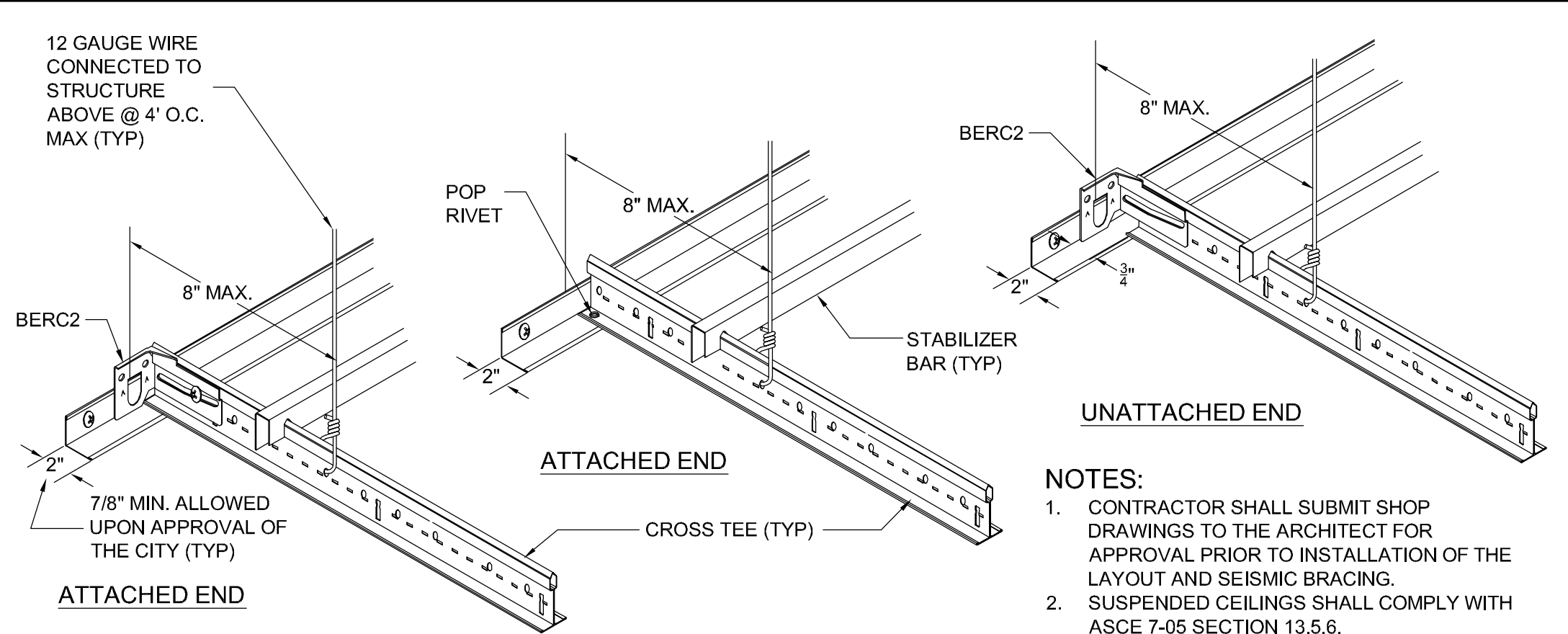
\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A8.3 - Phase 1 Suspended Ceiling Details.dwg, 3/24/2011 4:22:37 PM, PDF995



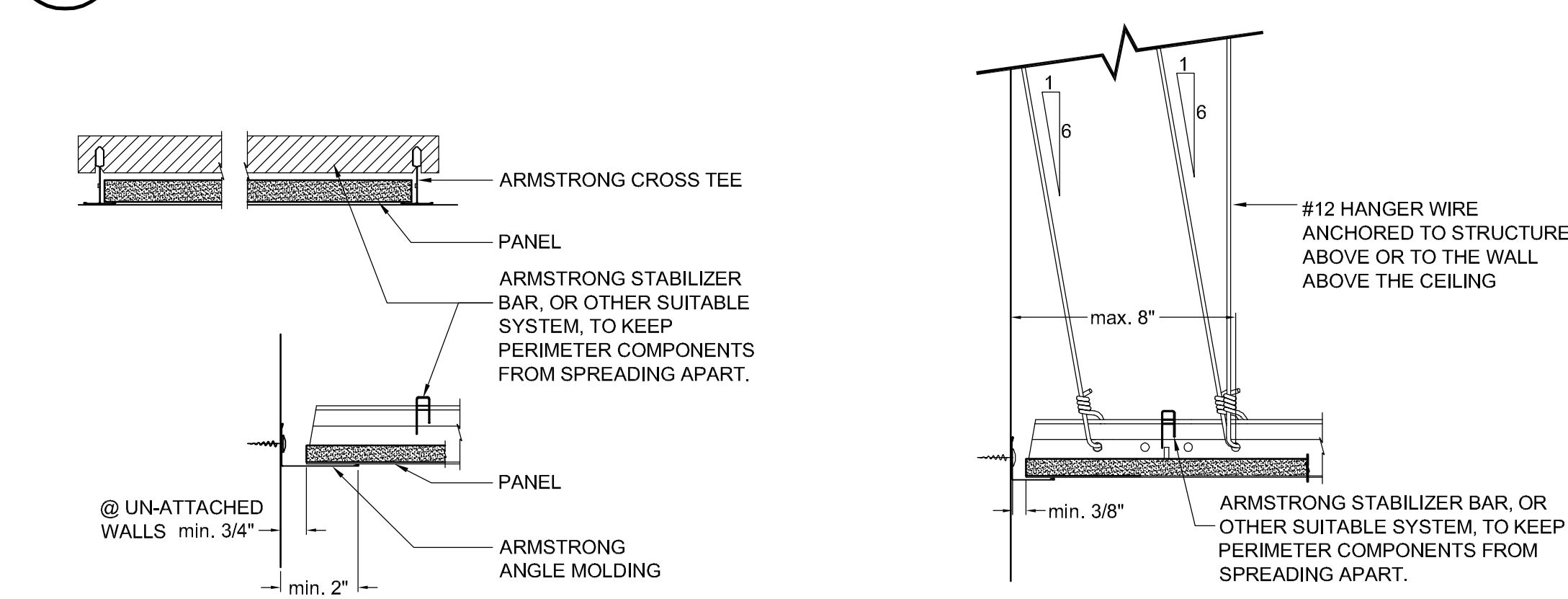
**42 HANGER WIRE TO WOOD TRUSS / RAFTER**  
N.T.S.



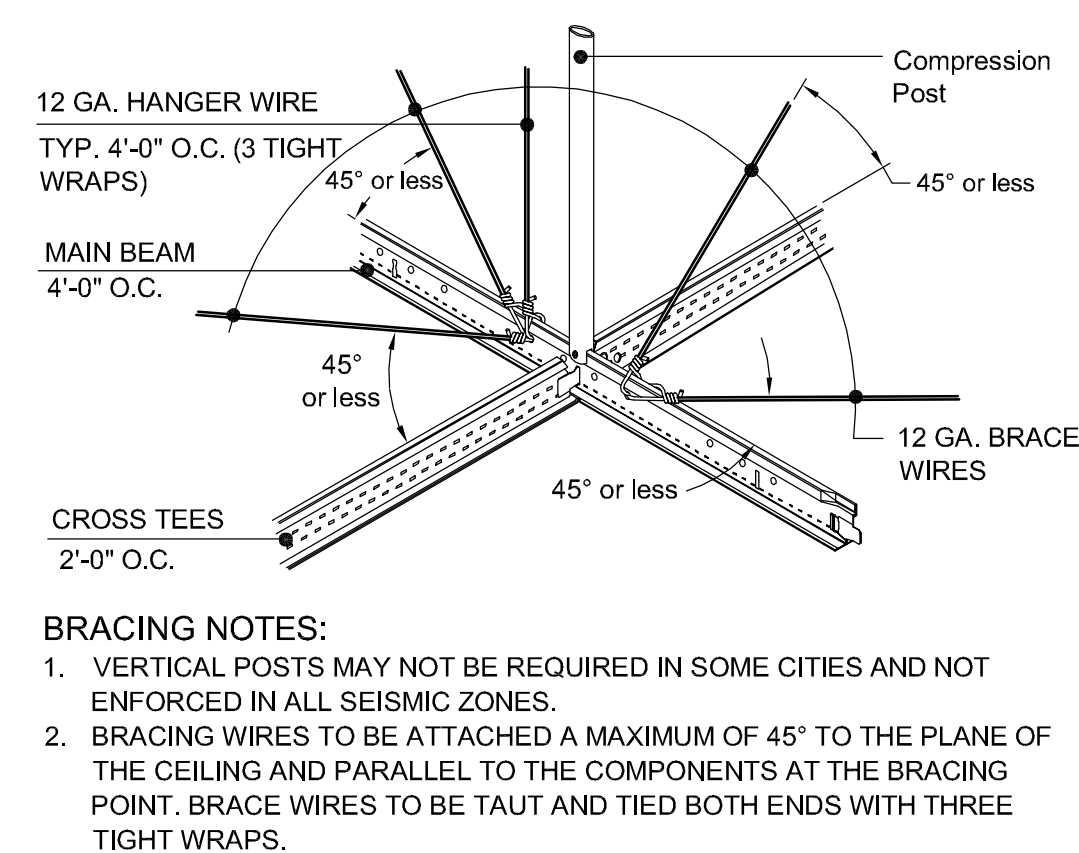
**44 HANGER WIRE TO WOOD I-JOIST**  
N.T.S.



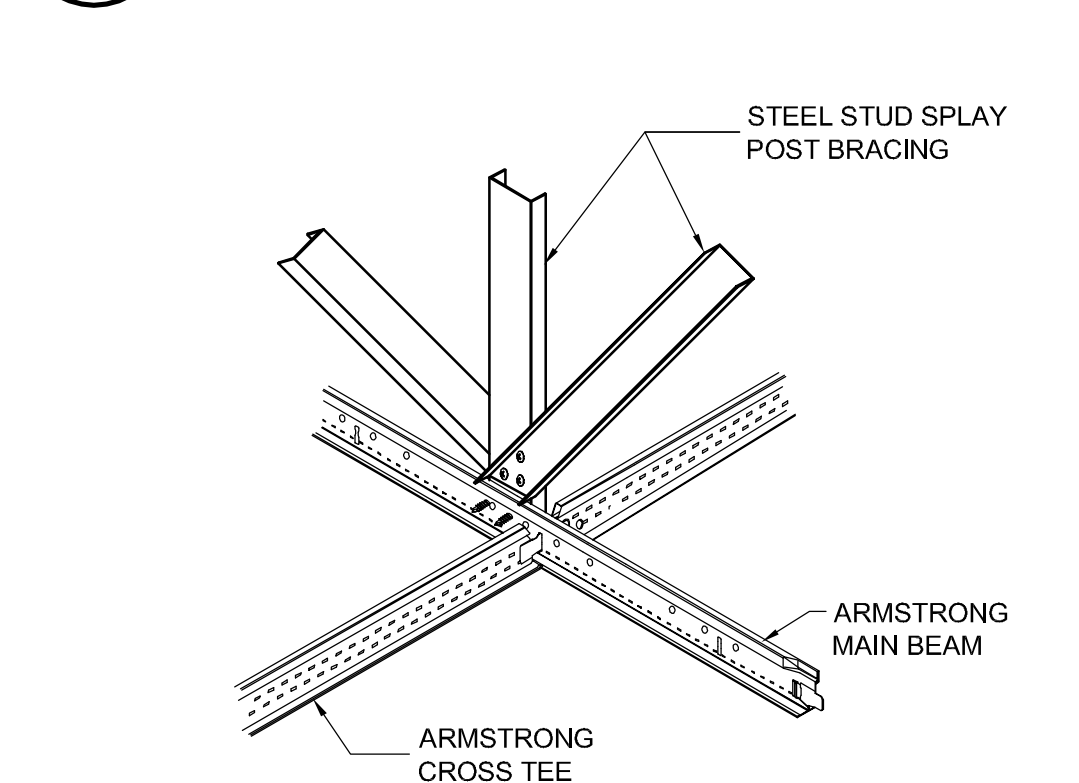
**21 SEISMIC END RESTRAINTS: SEISMIC ZONES D,E & F**  
N.T.S.



**22 STABILIZER BAR: SEISMIC ZONES D,E & F**  
3\"= 1'-0\" D095009D

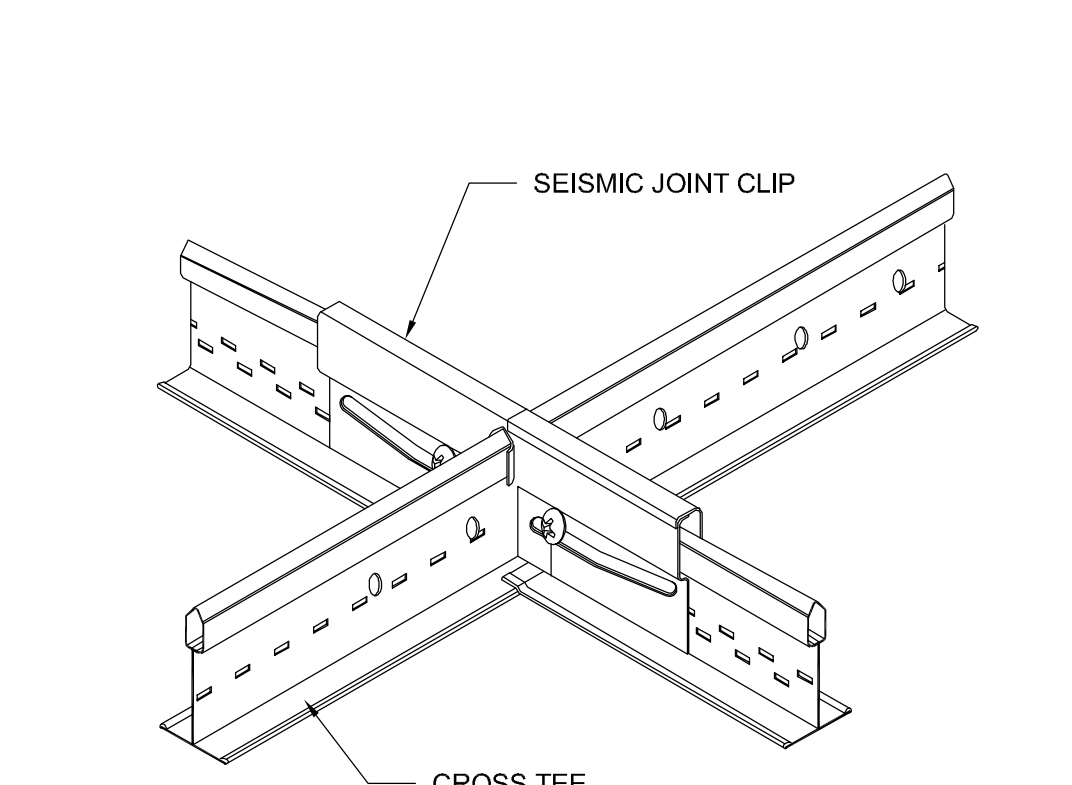


**23 LATERAL BRACING: WITH COMPRESSION POST**  
N.T.S. D095015B

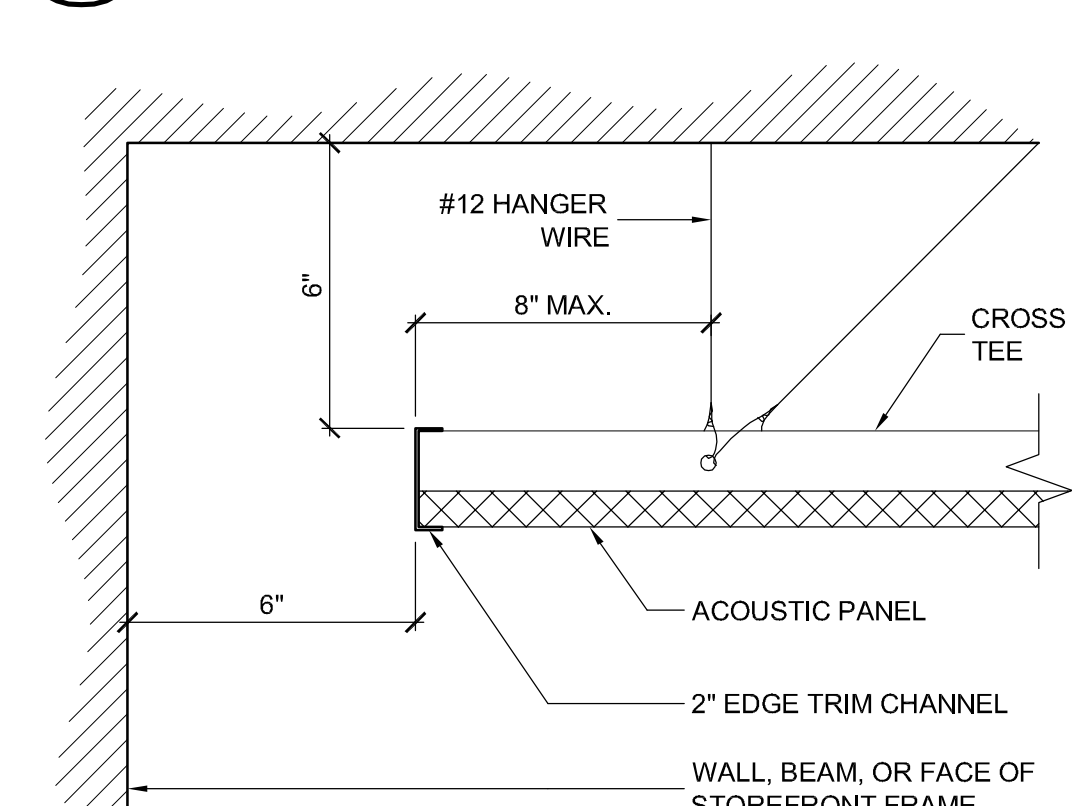


**24 LATERAL BRACING: STEEL STUD SPLAY POST BRACING**  
N.T.S. D095015D

**12 SEISMIC END RESTRAINT: FIXED END - SEISMIC ZONE C**  
3\"= 1'-0\" D095009C



**13 SEISMIC JOINT CLIP**  
N.T.S. D095012B



**14 LOBBY - ACOUSTIC CLOUD**  
3\"= 1'-0\" D095012B

PROJECT

**SUPERIOR COURT OF CALIFORNIA**  
COUNTY OF SAN JOAQUIN

**MANTECA BRANCH**  
SITE AND BUILDING IMPROVEMENTS

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
1007

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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

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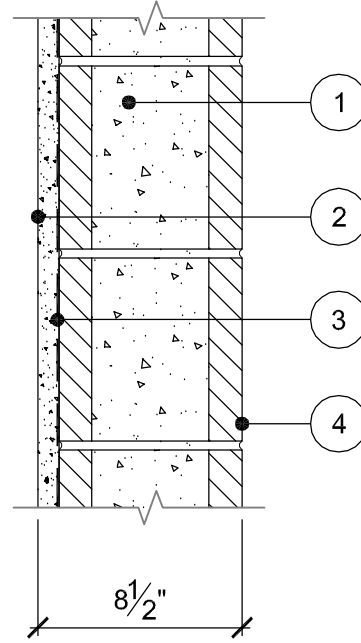
Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and existing conditions on the job and shall report any discrepancies to the architect for resolution prior to commencing work.

SHEET TITLE

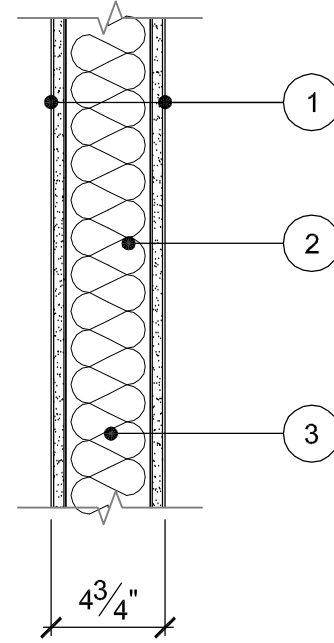
**PHASE I**  
**SUSPENDED**  
**CEILING DETAILS**

SHEET #  
**A8.3**

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I\A8.4 - Phase I Wall Types.dwg, 3/7/2011 2:25:45 PM, PDF995



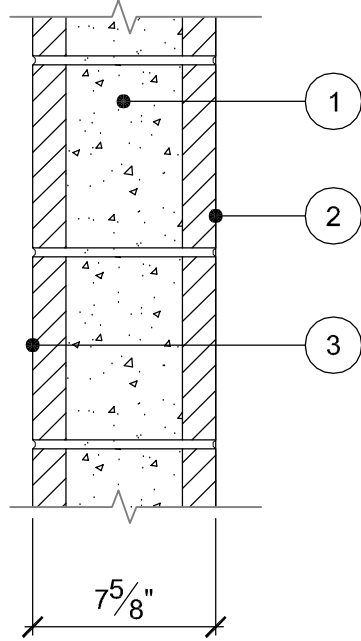
1. 8"x8"x16" CONCRETE BLOCK
2. EXTERIOR:  
3-COAT STUCCO WITH  
ELASTOMERIC PAINT.
3. PAPER BACKED METAL LATH.
4. EXTERIOR:  
ELASTOMERIC PAINT OVER  
ACRYLIC BLOCK FILL PRIMER.



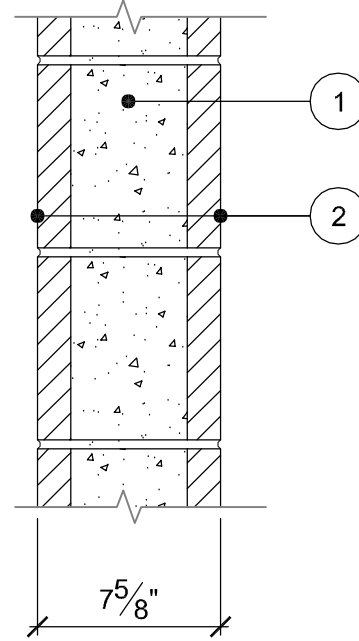
1. 5/8" GYPSUM WALL BOARD.
2. 2x4 @ 16" O.C.
3. ACOUSTIC BATT INSULATION.

21 WALL TYPE E - EXTERIOR  
1 1/2" = 1'-0"

11 WALL TYPE A - INTERIOR  
1 1/2" = 1'-0"



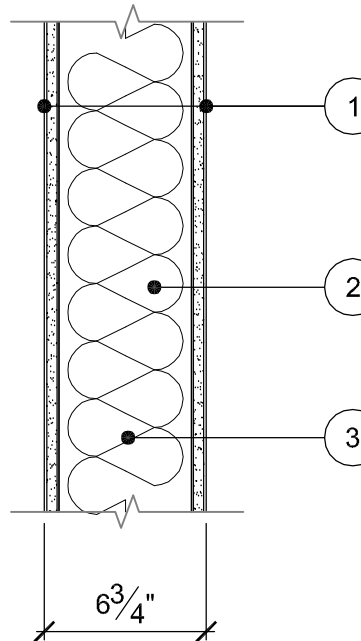
1. 8"x8"x16" CONCRETE BLOCK
2. EXTERIOR:  
ELASTOMERIC PAINT OVER  
ACRYLIC BLOCK FILL PRIMER.
3. INTERIOR:  
SEE FINISH SCHEDULE.



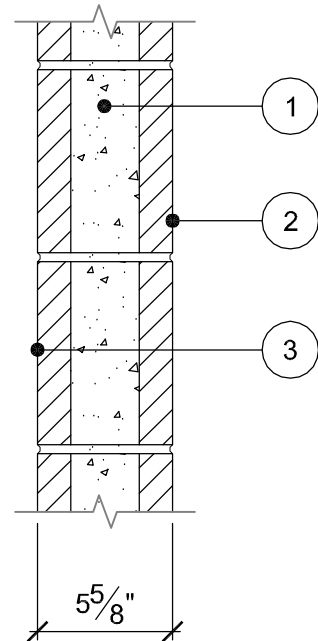
1. 8"x8"x16" CONCRETE BLOCK
2. SEE FINISH SCHEDULE

22 WALL TYPE F - EXTERIOR  
1 1/2" = 1'-0"

12 WALL TYPE B - INTERIOR  
1 1/2" = 1'-0"



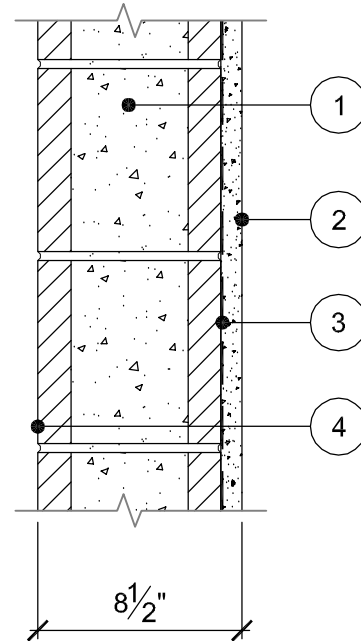
1. 5/8" GYPSUM WALL BOARD.
2. 2x6 @ 16" O.C.
3. ACOUSTIC BATT INSULATION.



1. 6"x8"x16" CONCRETE BLOCK
2. HOLDING CELL SIDE:  
BLOCK FILLER AND EPOXY  
COATING.
3. CHASE SIDE:  
EXPOSED BLOCK

23 WALL TYPE G - INTERIOR  
1 1/2" = 1'-0"

13 WALL TYPE C - INTERIOR  
1 1/2" = 1'-0"



1. 8"x8"x16" CONCRETE BLOCK
2. EXTERIOR:  
3-COAT STUCCO WITH  
ELASTOMERIC PAINT.
3. PAPER BACKED METAL LATH.
4. INTERIOR:  
SEE FINISH SCHEDULE.

14 WALL TYPE D - EXTERIOR  
1 1/2" = 1'-0"

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

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DATES 03/07/11  
\_\_\_\_\_  
\_\_\_\_\_  
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SHEET TITLE

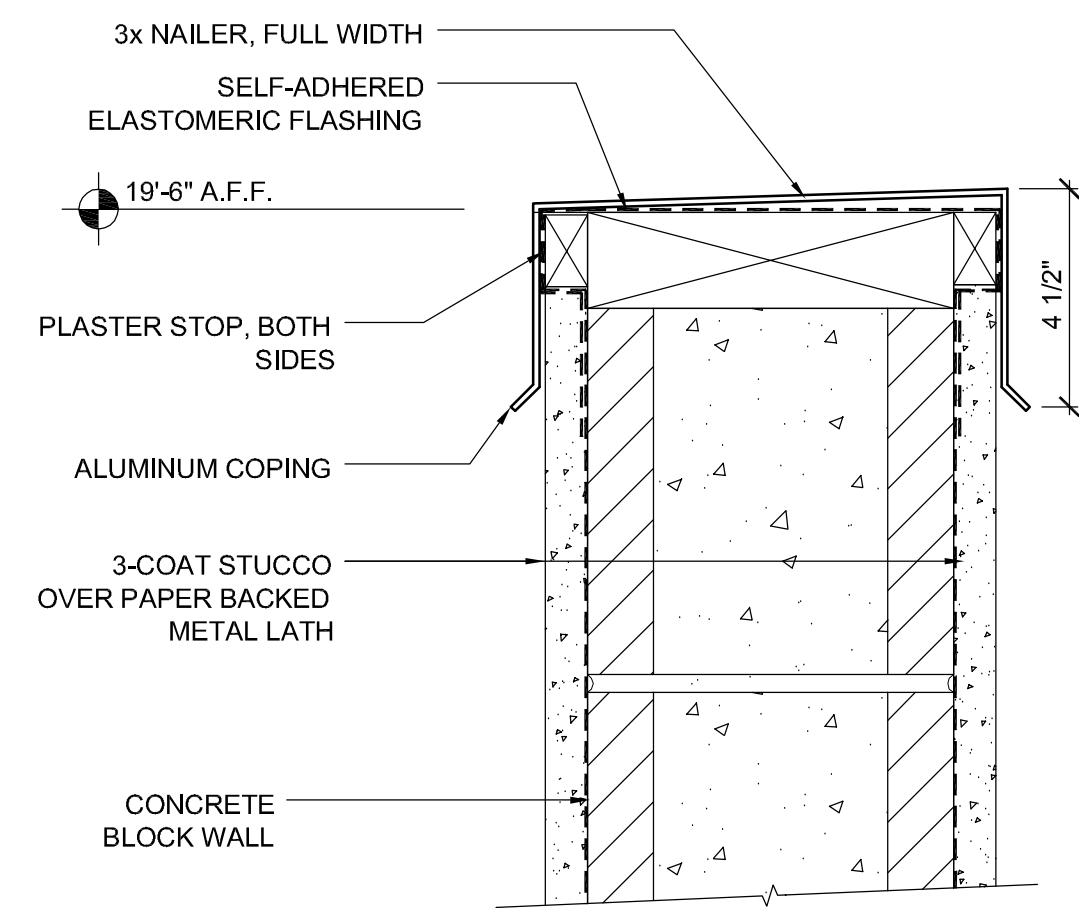
**PHASE I  
WALL TYPES**

SHEET #

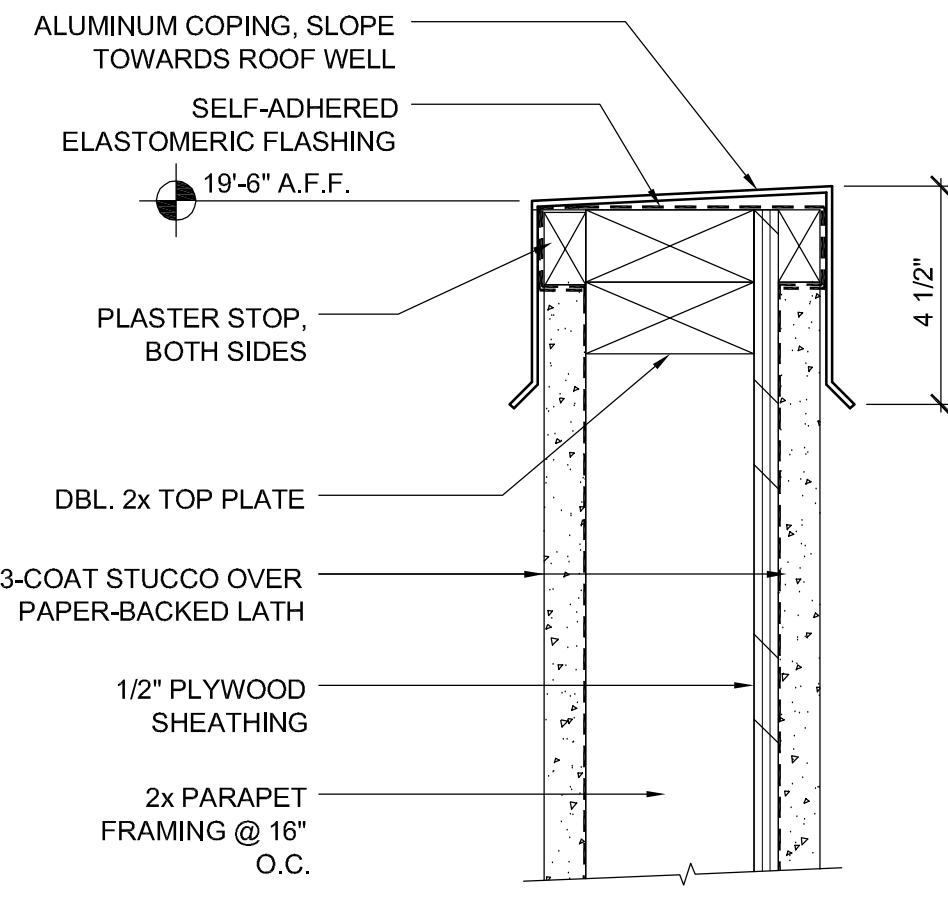
**A8.4**



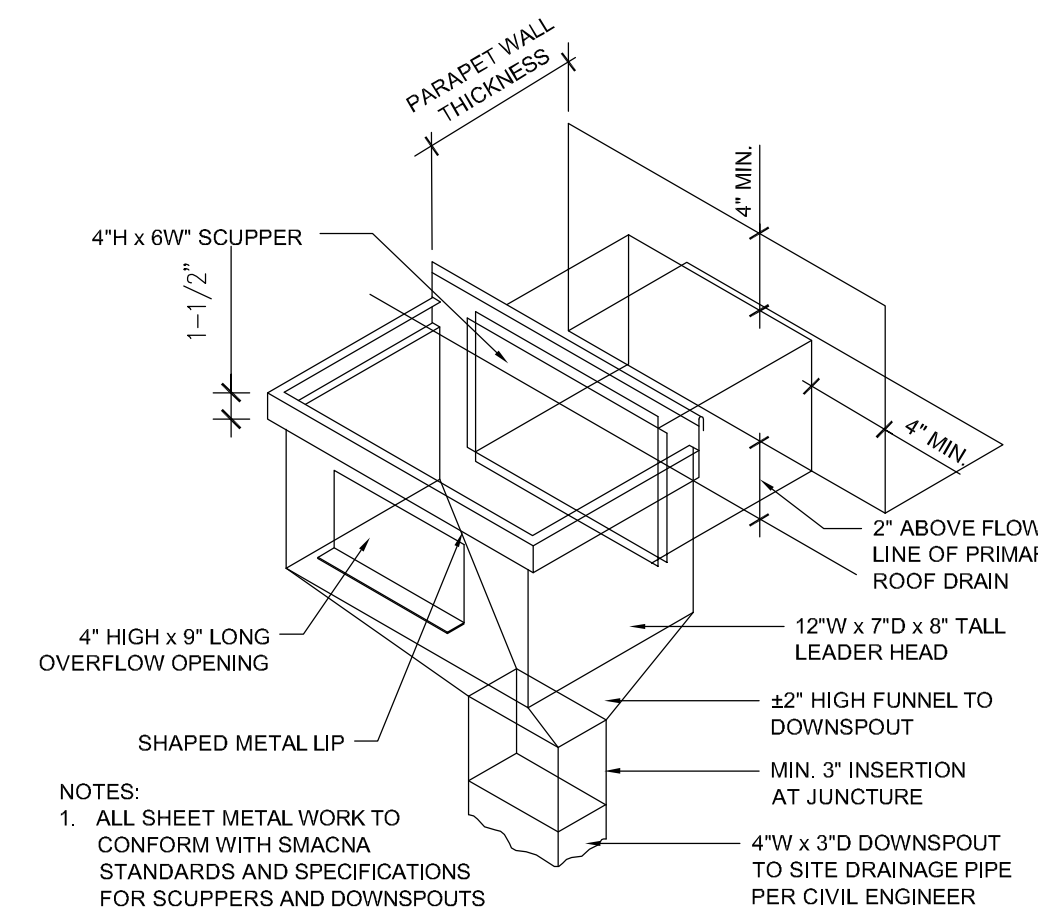
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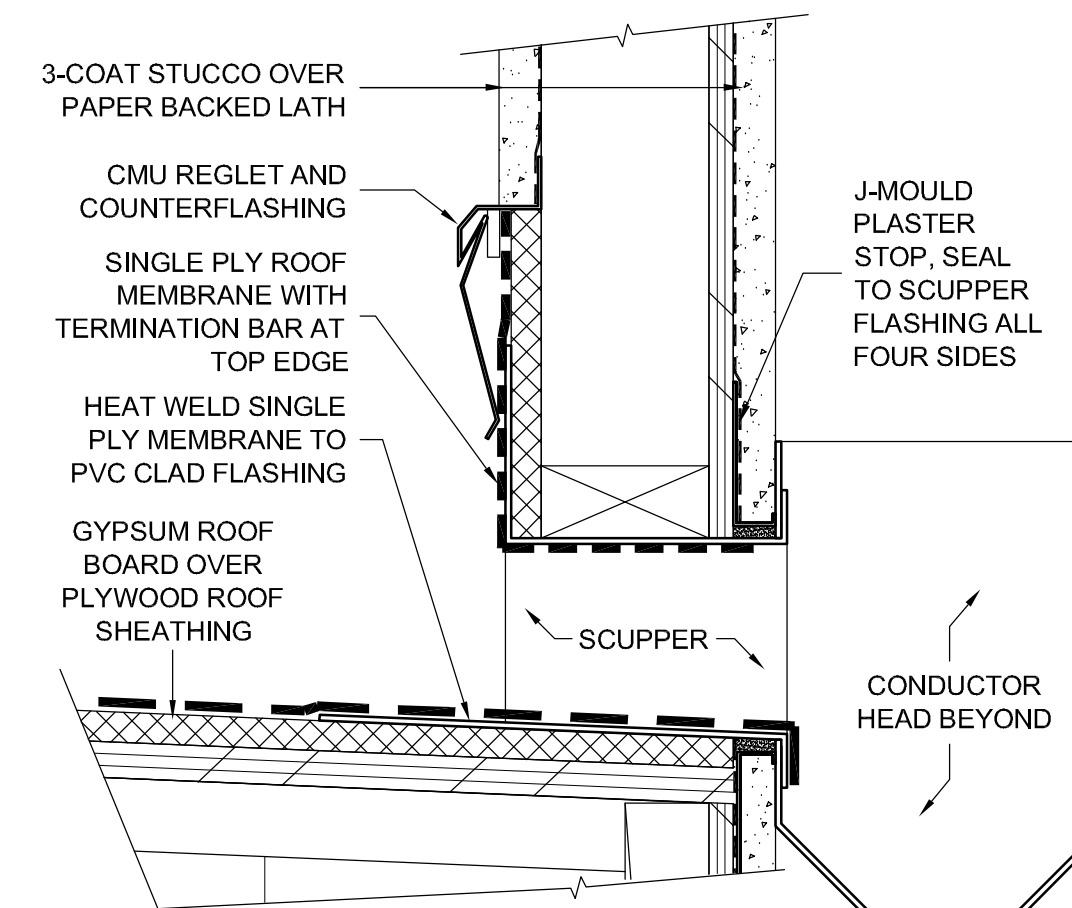
51 PARAPET COPING (CMU)  
3"= 1'-0"



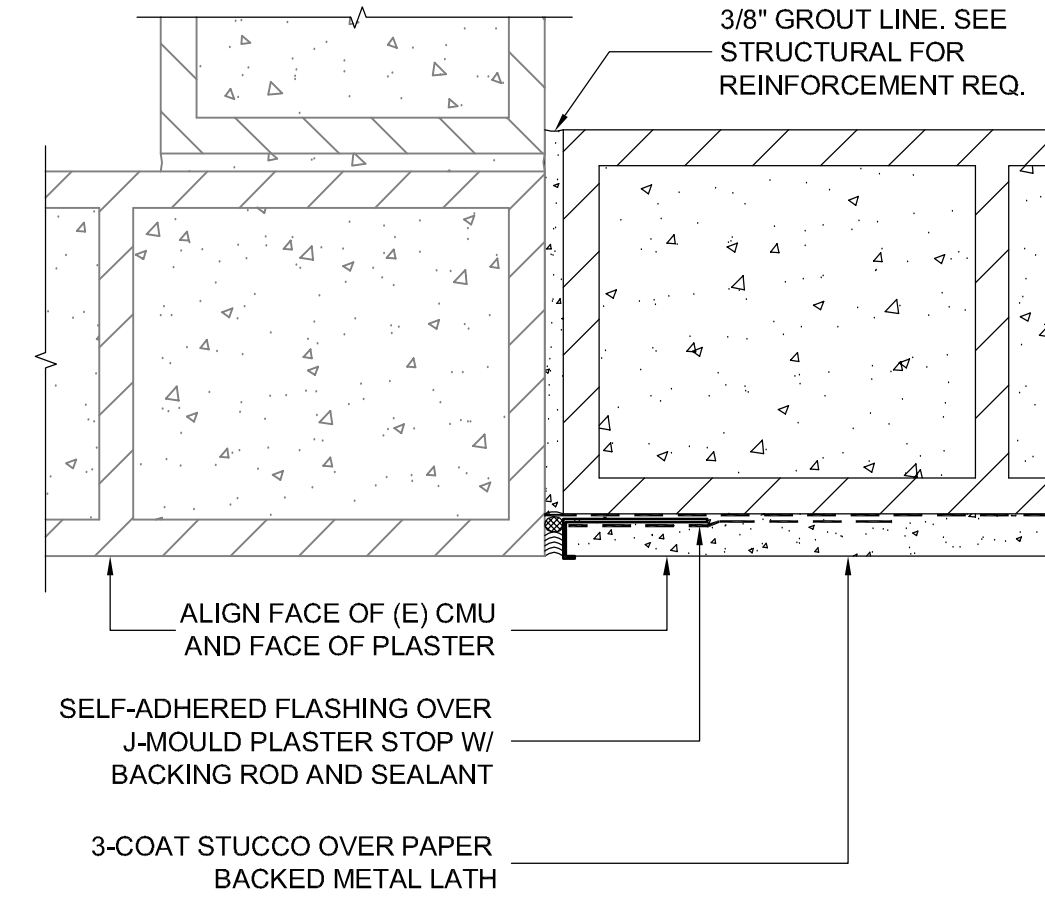
41 PARAPET COPING  
3"= 1'-0"



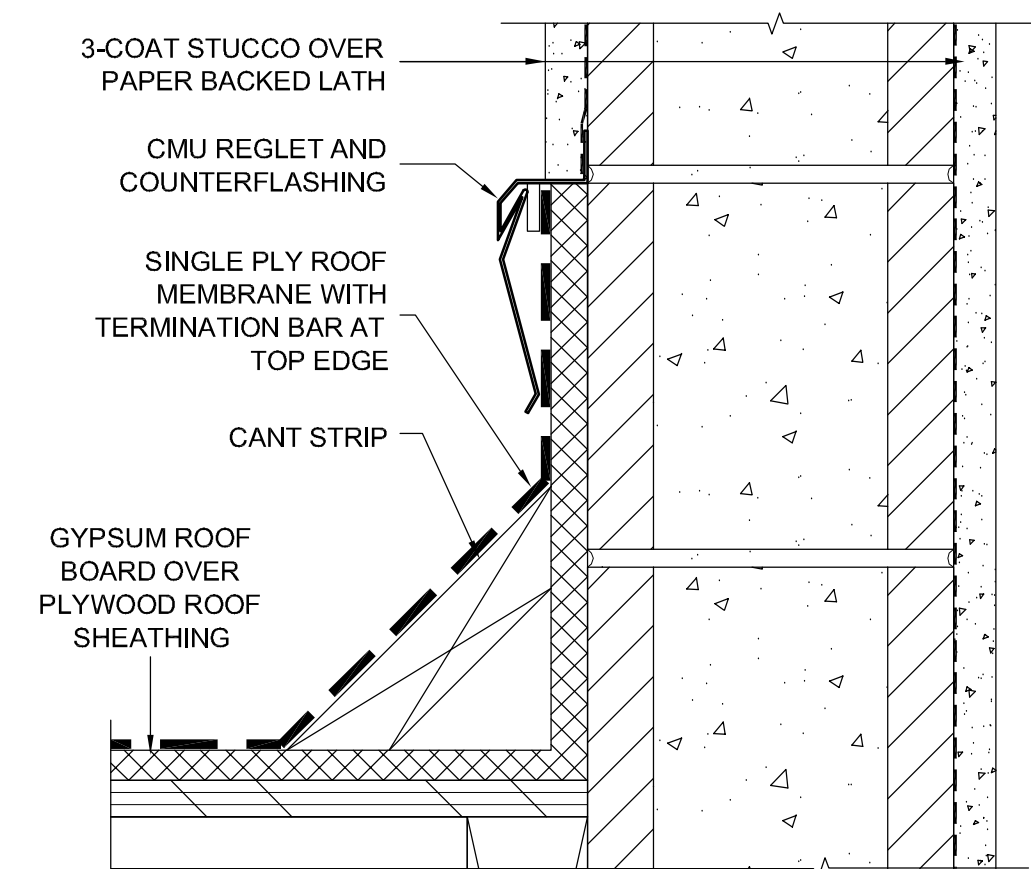
31 SCUPPER & LEADER HEAD  
SCALE = NONE



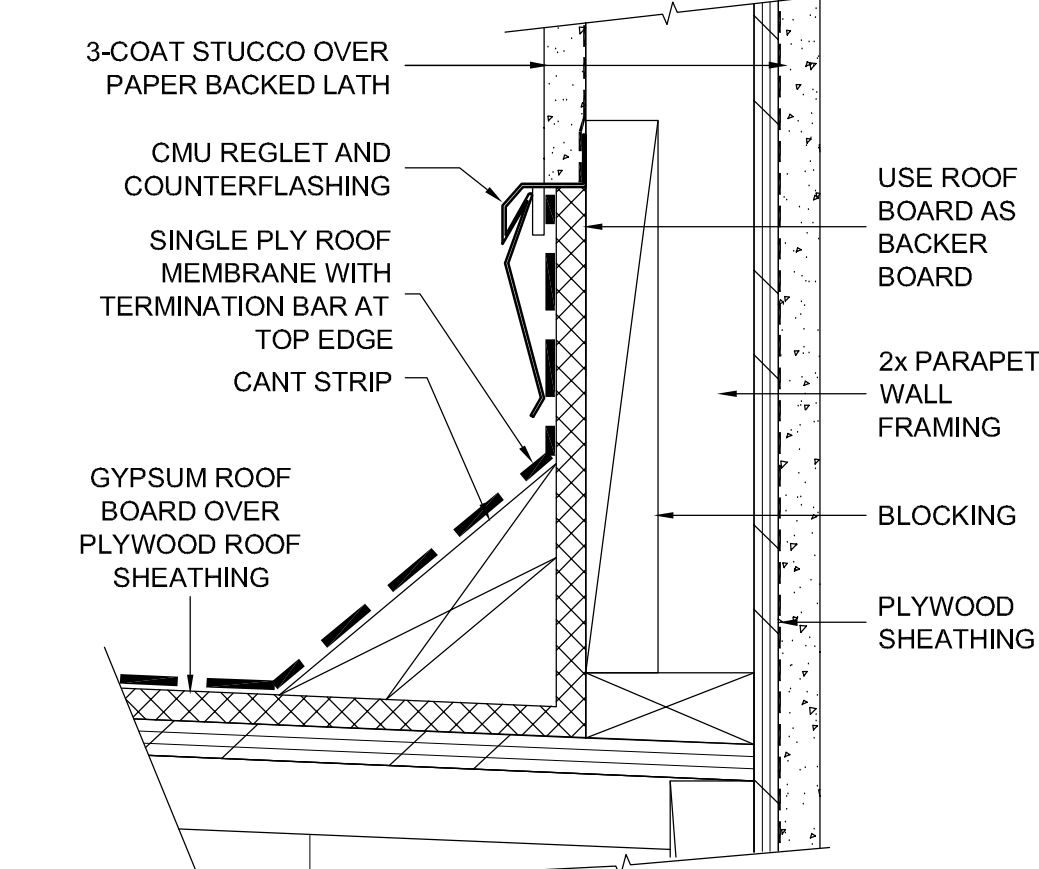
21 ROOF WELL HEAD WALL  
3"= 1'-0"



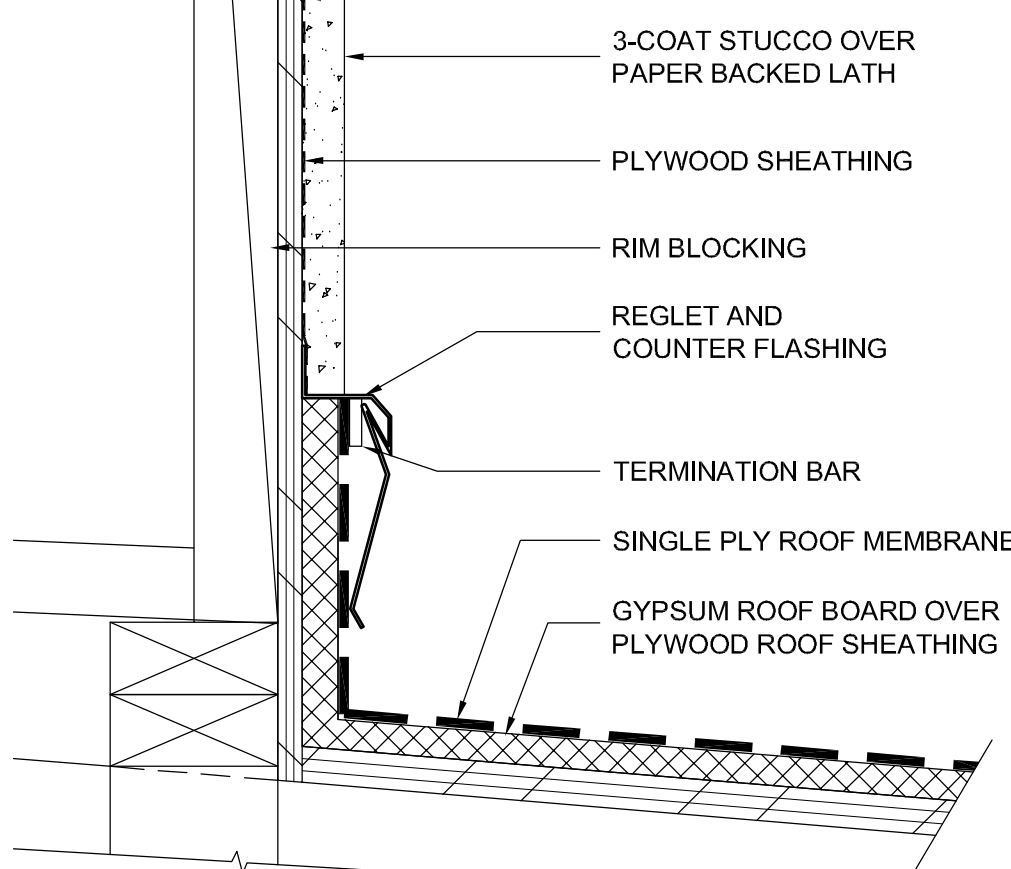
11 CMU ALIGNMENT TO (E)  
3"= 1'-0"



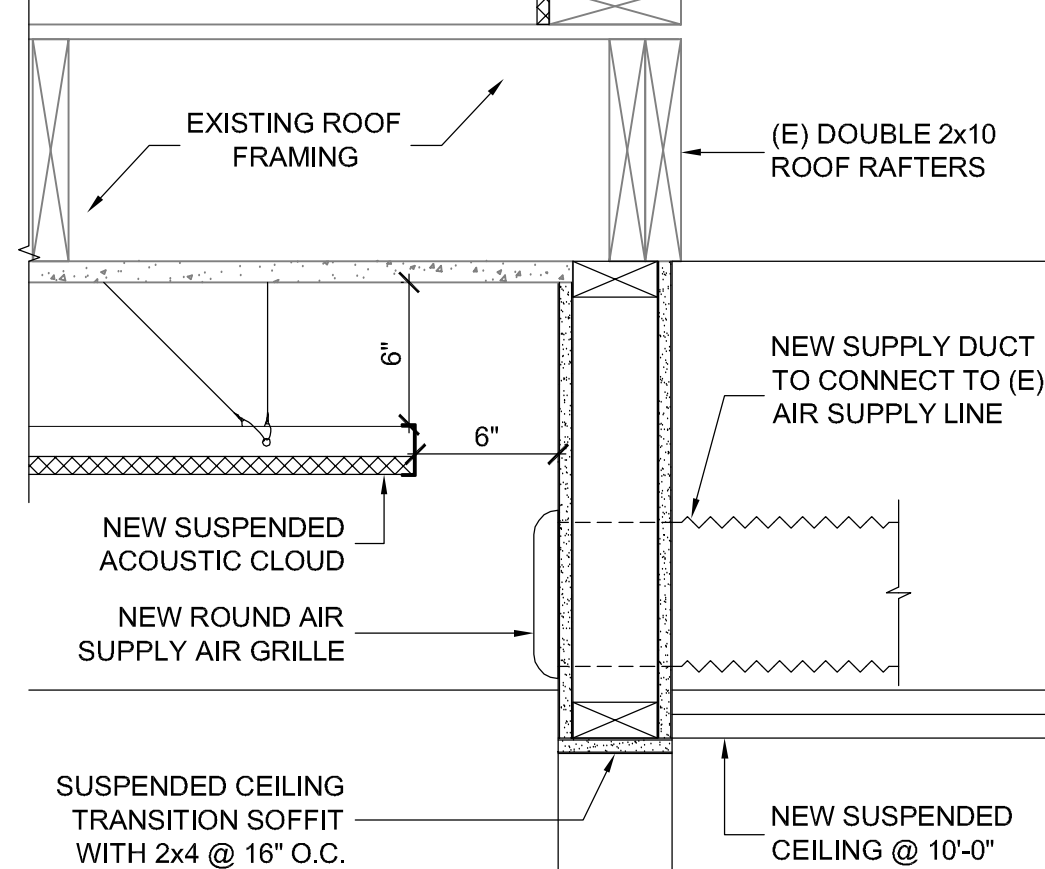
52 PARAPET COPING (CMU)  
3"= 1'-0"



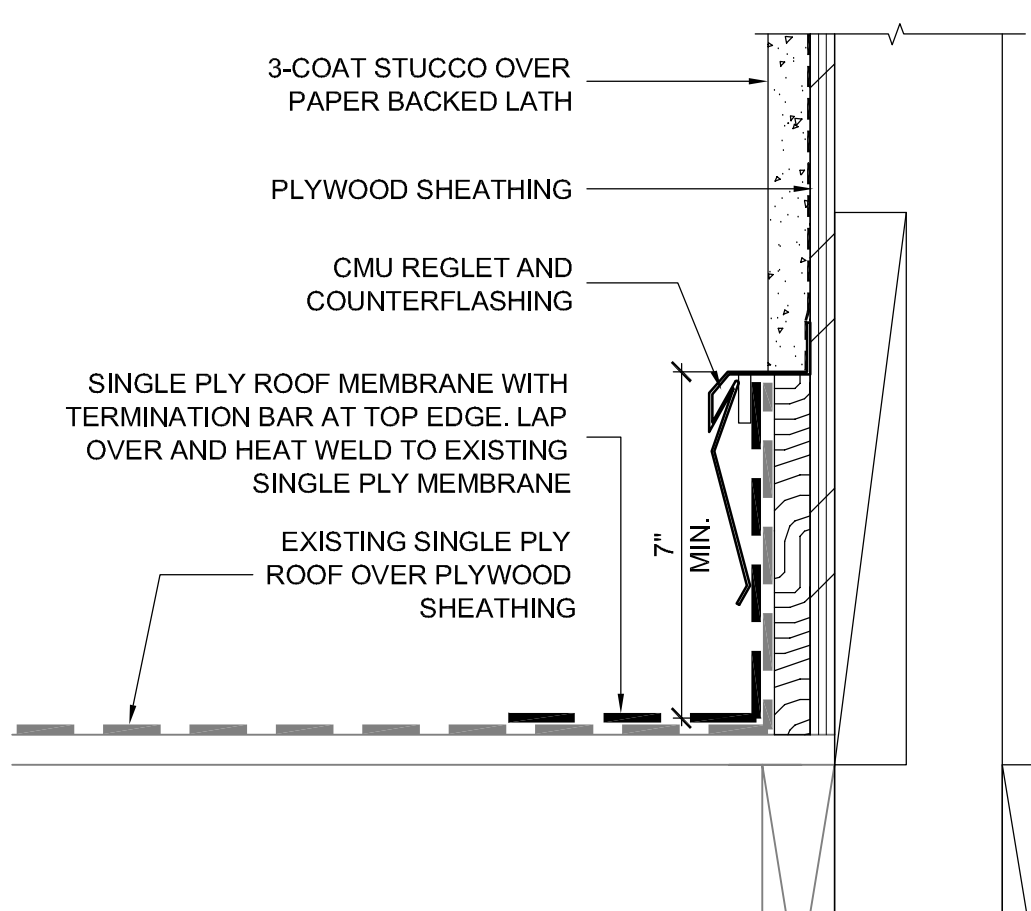
42 ROOF WELL HEAD WALL  
3"= 1'-0"



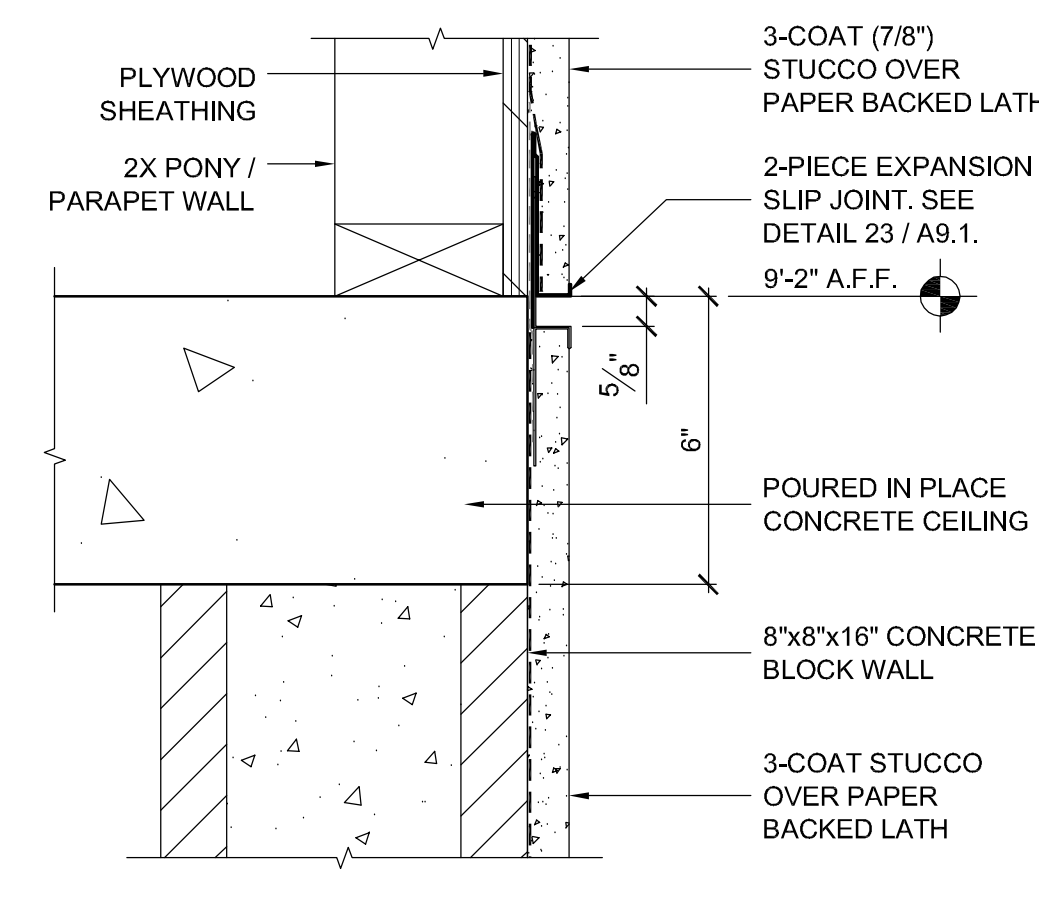
32 HEAD WALL  
3"= 1'-0"



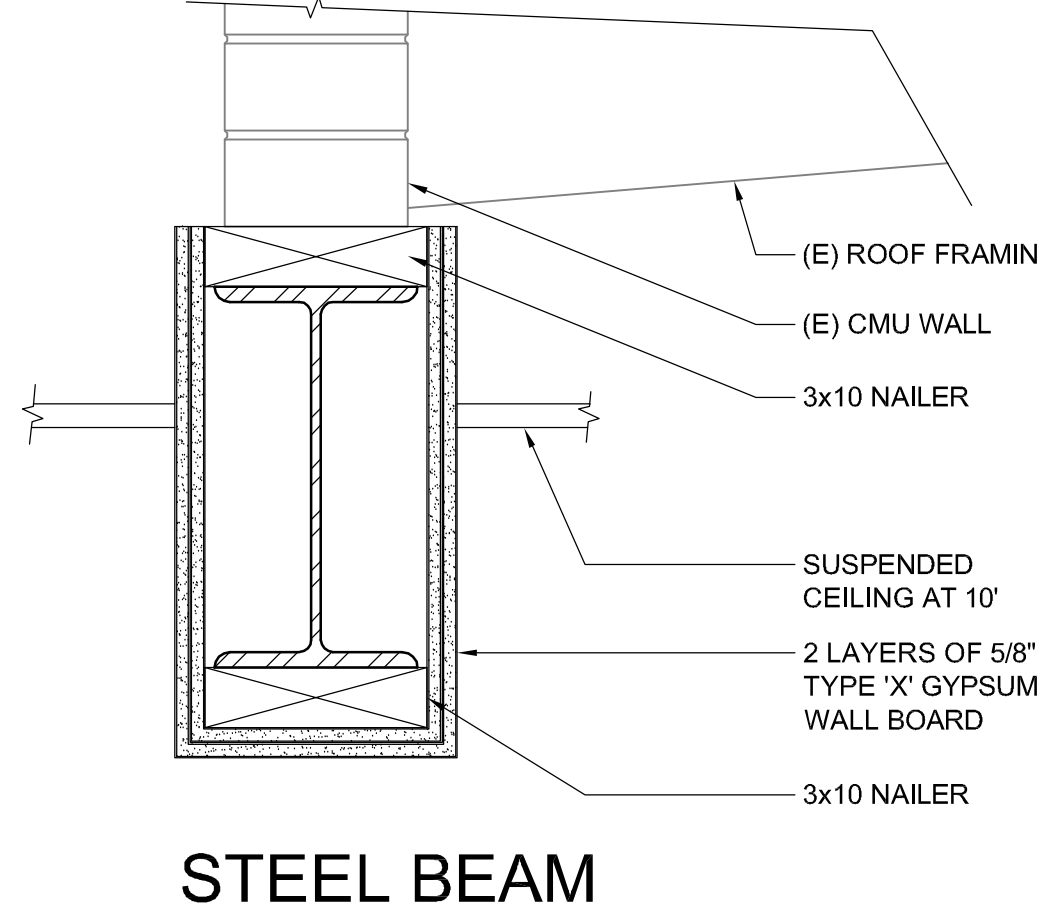
12 LOBBY CEILING TRANS.  
1 1/2"= 1'-0"



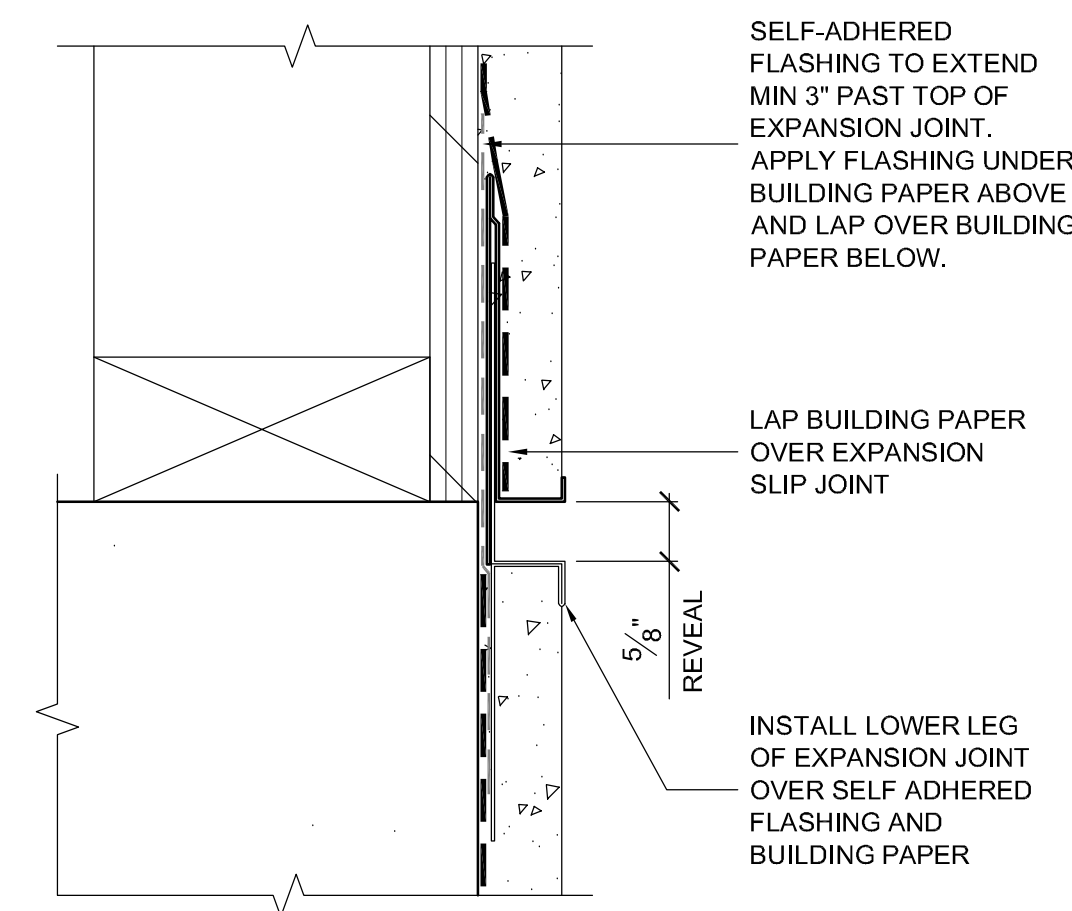
53 RAKE WALL AT EXISTING  
3"= 1'-0"



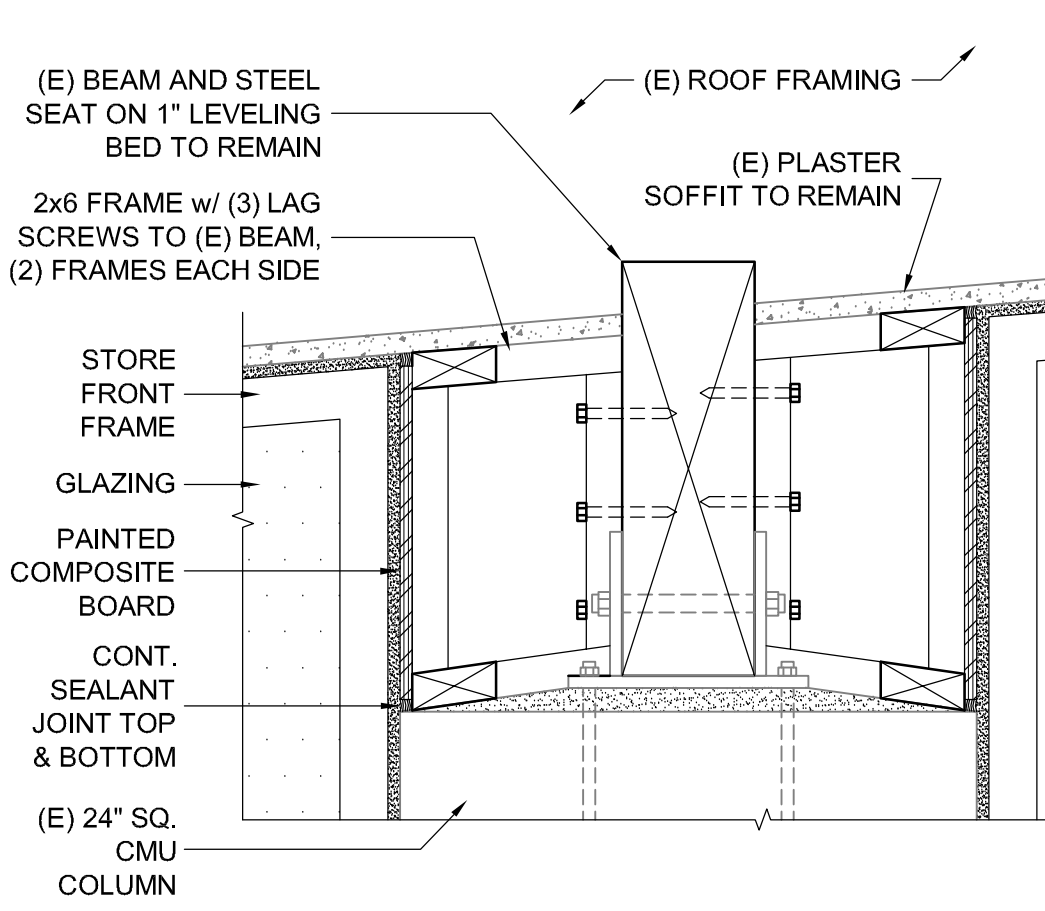
43 EXPANSION JOINT  
3"= 1'-0"



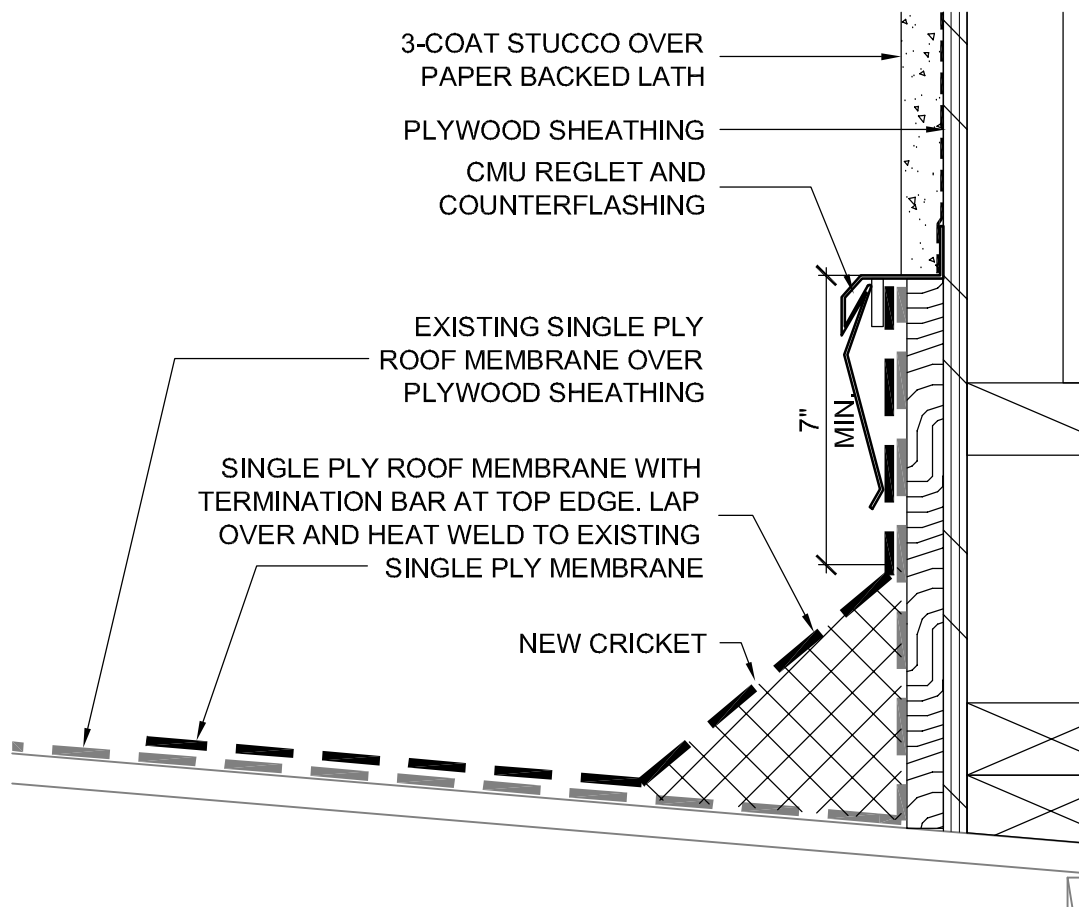
33 STEEL BEAM FIREPROOFING  
1 1/2"= 1'-0"



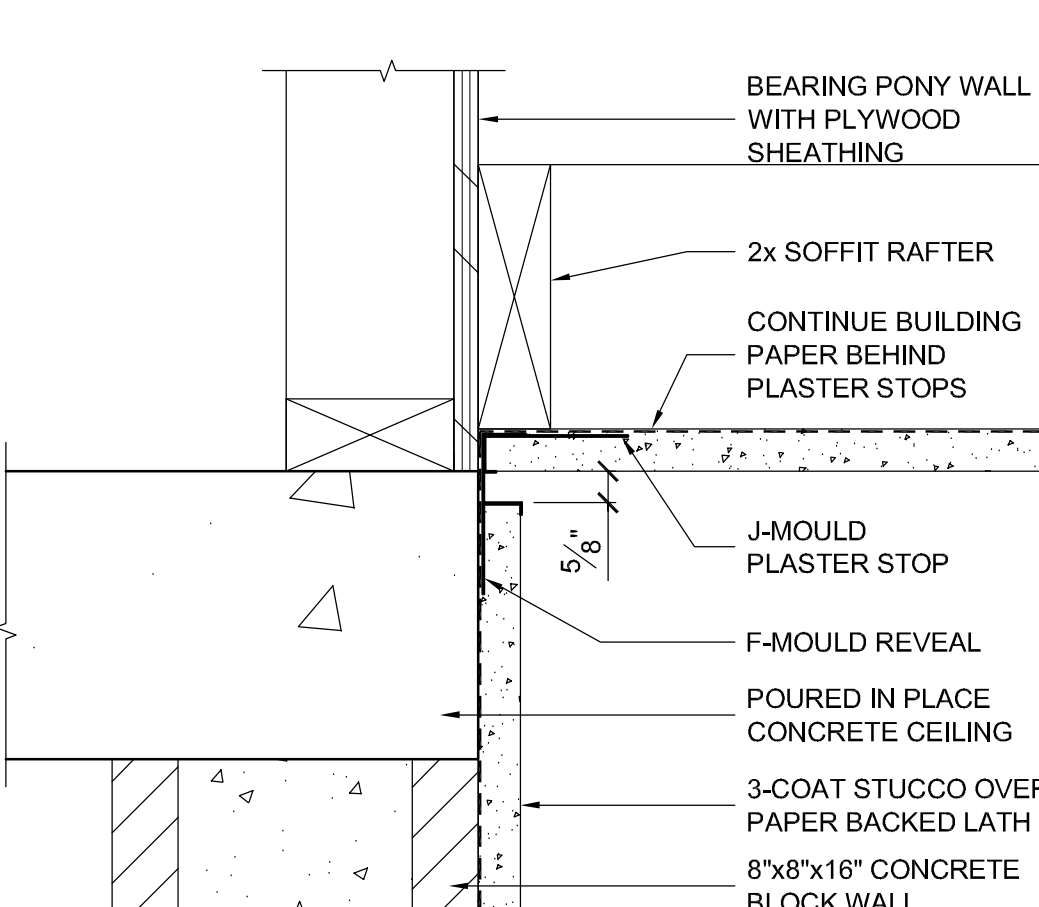
23 EXPANSION JOINT  
6"= 1'-0"



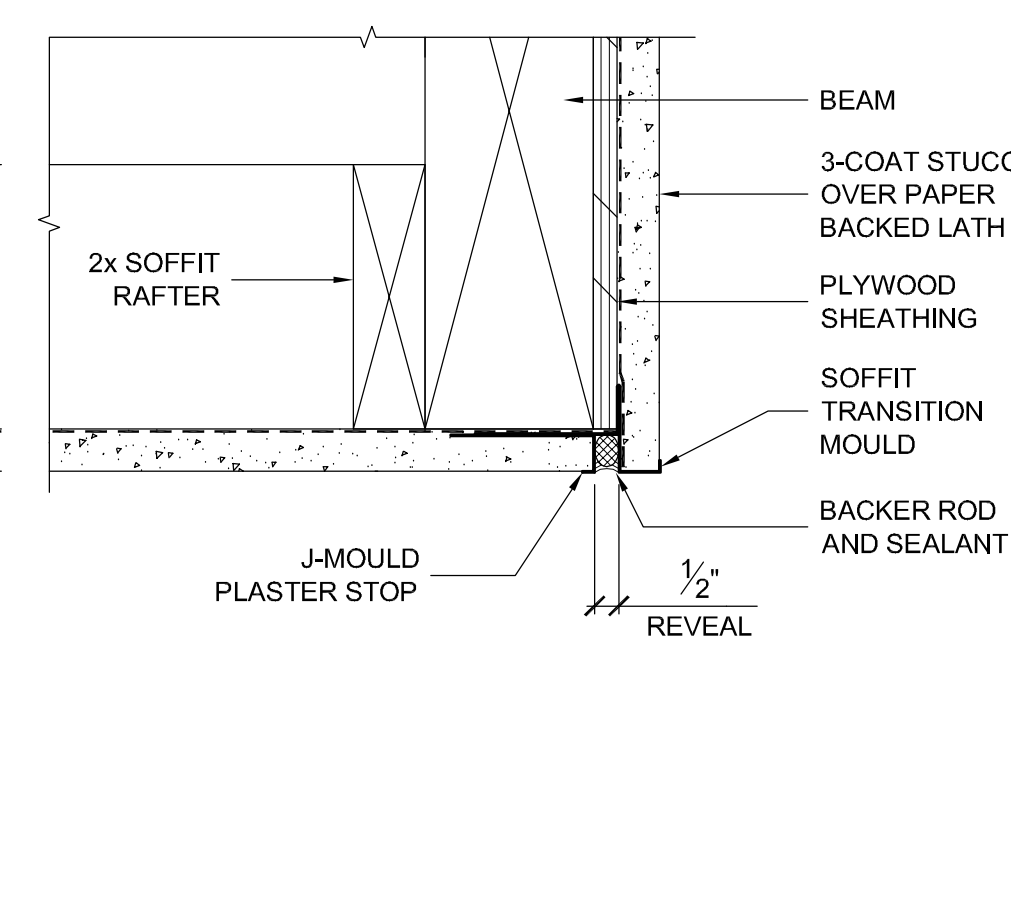
13 INFILL AT GLU-LAM BEAMS  
1 1/2"= 1'-0"



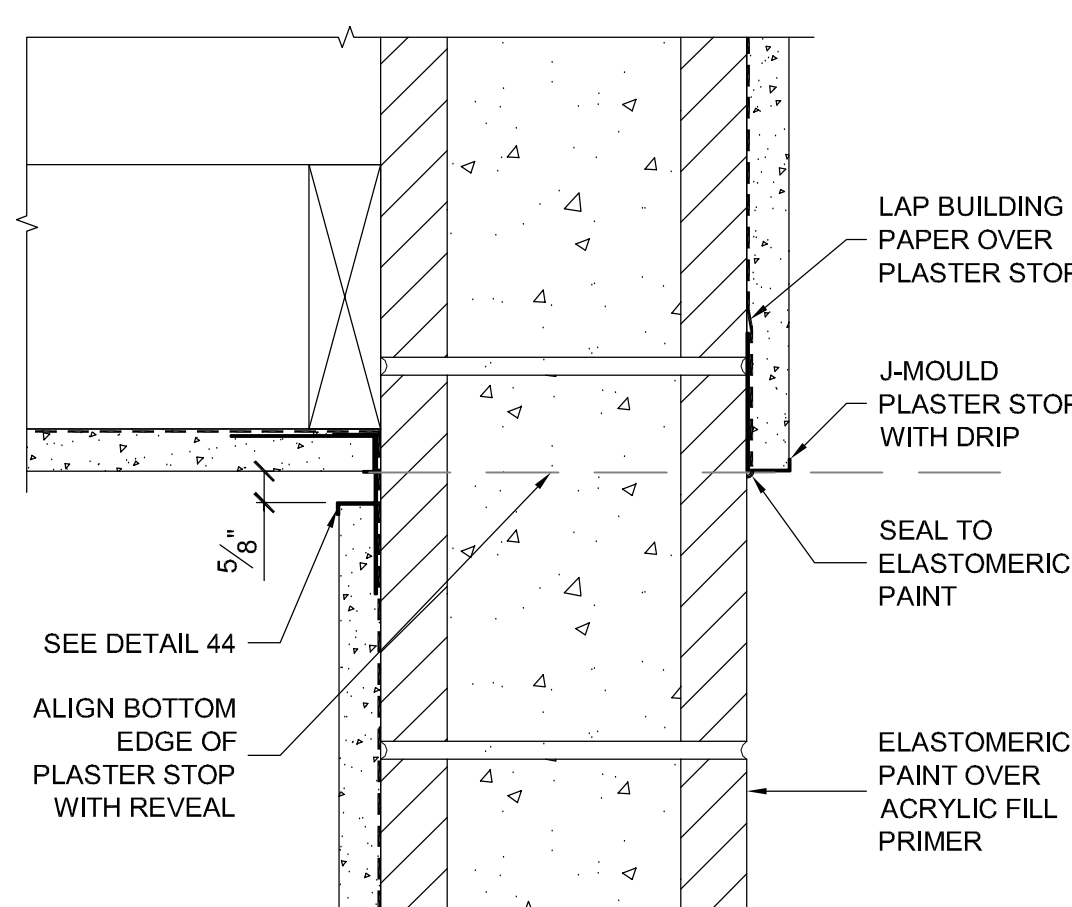
54 ROOF CRICKET  
3"= 1'-0"



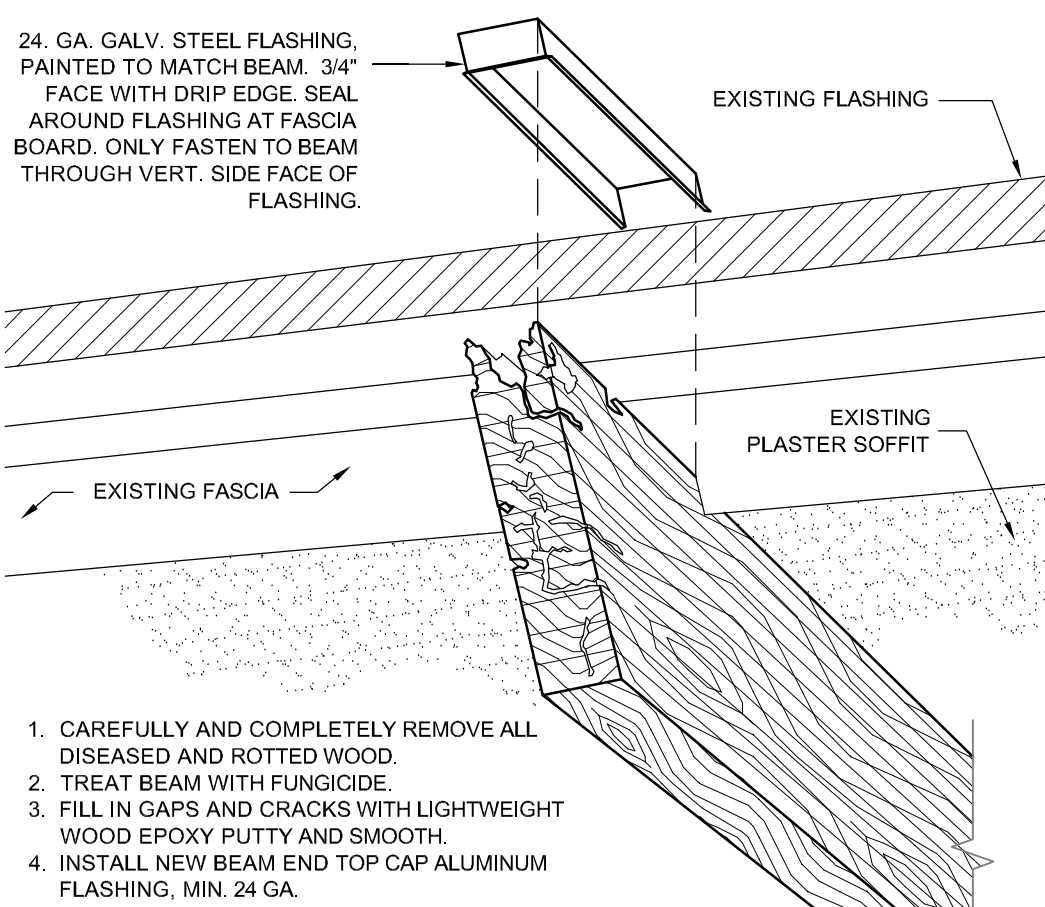
44 SOFFIT AT WALL  
3"= 1'-0"



34 SOFFIT EDGE  
3"= 1'-0"



24 SOFFIT EDGE  
3"= 1'-0"



14 GLU-LAM REPAIR  
N.T.S.

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
1007

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DATES 03/07/11

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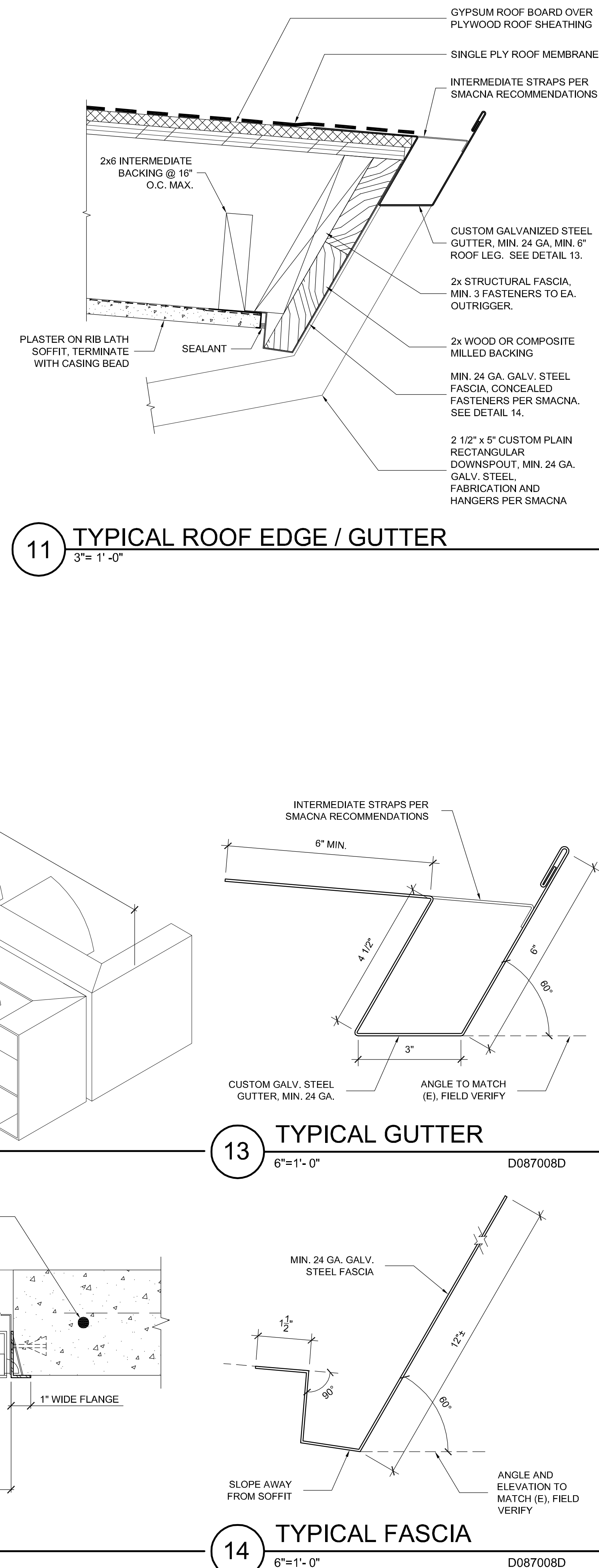
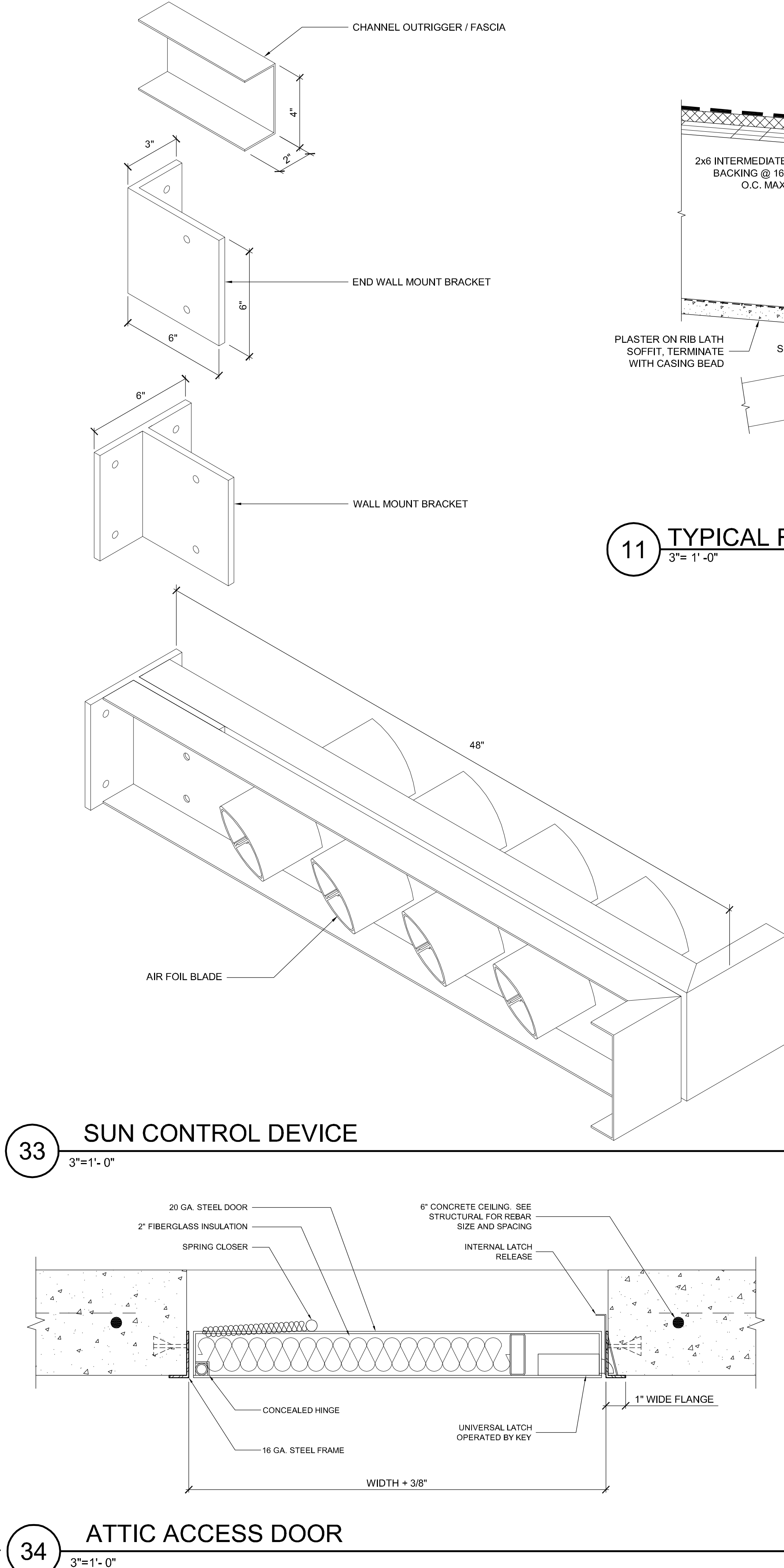
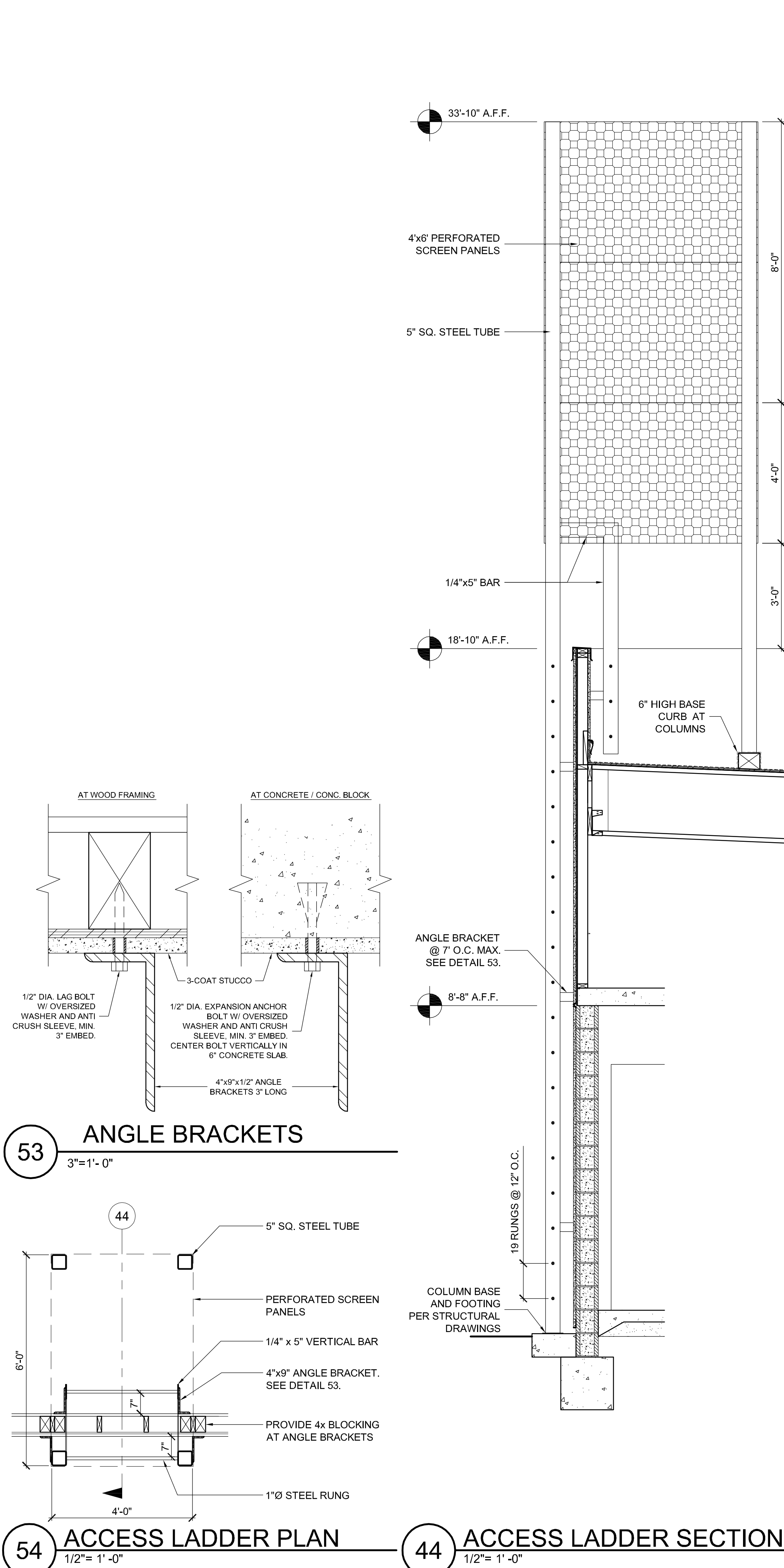
SHEET TITLE

**ARCHITECTURAL  
DETAILS**

SHEET #

**A9.1**

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A9.1 - Phase 1 Architectural Details.dwg, 3/24/2011 4:01:23 PM, PDF995



PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
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SHEET TITLE

**ARCHITECTURAL  
DETAILS**

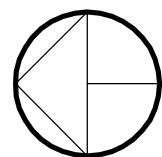
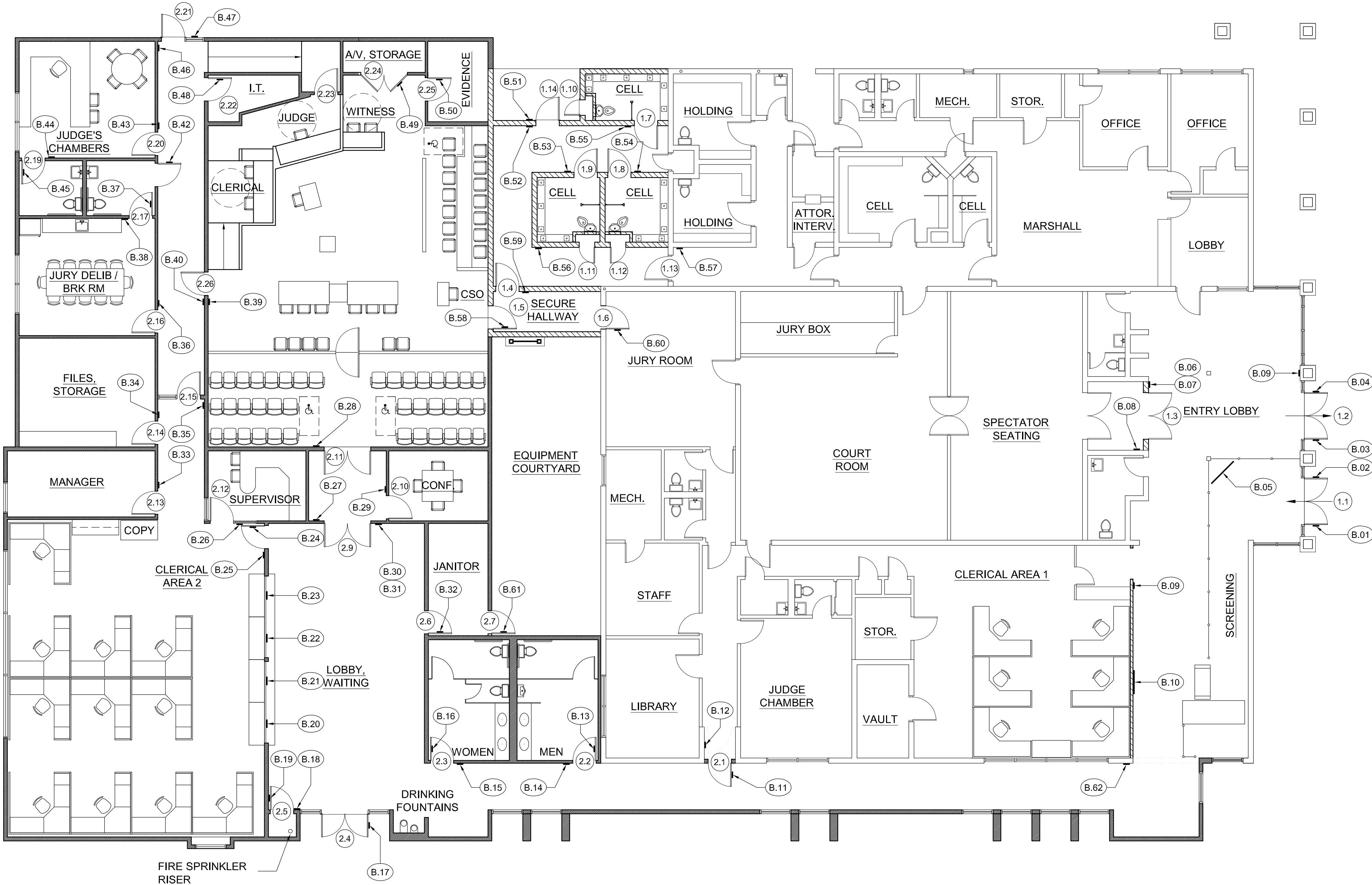
SHEET #

**A9.2**



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I, SS.1 - Phase I and Phase II Composite Reference Signage Floor Plan.dwg, 3/7/2011 2:30:59 PM, P09905

SIGN	LOCATION	COPY	NOTES (SIGN SIZE W x H)
A.01	ENTRY LANDING WALL	SUPERIOR COURT OF CALIFORNIA + SAN JOAQUIN COUNTY + MANTECA BRANCH	32"H X 240"L SIGN BOARD
A.02	ENTRY LANDING WALL	315	12" DIMENSIONAL NUMBERS
A.03	ENTRY RAMP AT SIDEWALK	(international accessibility symbol)	9" x 9" WHITE ON BLUE, POST MOUNT
B.01	LEFT LEAF OF DOOR 1.1	ENTRANCE ONLY + (international accessibility symbol)	2" LETTERING AT BACK OF GLASS
B.02	RIGHT LEAF OF DOOR 1.1	(state seal) + SUPERIOR COURT OF CALIFORNIA + SAN JOAQUIN COUNTY + MANTECA BRANCH	1" AND 2" LETTERING AT BACK OF GLASS, 6" X 6" SYMBOL
B.03	LEFT LEAF OF DOOR 1.2	(red "no passage" symbol) + EXIT ONLY + NOT AN ENTRANCE	2" LETTERING AT BACK OF GLASS
B.04	RIGHT LEAF OF DOOR 1.2	(red "no passage" symbol) + EXIT ONLY + NOT AN ENTRANCE	2" LETTERING AT BACK OF GLASS
B.05	FREESTANDING SIGN FRAME	(state seal) + (right to search notification) + (prohibited items notification) + (medical advisement)	36" W 48" H LAMINATED PAPER SIGN WITH CLEAR COVER
B.06	WALL RIGHT OF DOOR 1.3	COURTROOM 1 + (two interchangeable message strips, for "in session" and for bench officer's name)	9" X 9", BRAILLE
B.07	WALL RIGHT OF DOOR 1.3	(proper attire, no food, assistive listening available)	9" X 9", ALIGN WITH SIGN ABOVE
B.08	WALL RIGHT OF DOOR 1.3	EXIT ROUTE + (accessibility symbol)	6" X 9", BRAILLE
B.09	WALL RIGHT OF OPENING TO CLERICAL AREA	EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.10	WALL OPPOSITE SCREENING LINE	(directory)	36" X 48"
B.11	SURFACE OF DOOR 2.1	AUTHORIZED ENTRY ONLY	6" X 6", BRAILLE
B.12	WALL RIGHT OF DOOR 2.1	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.13	SURFACE OF DOOR 2.2	(male symbol)	12" TRIANGLE
B.14	WALL LEFT OF DOOR 2.2	MEN + (male, accessibility symbols)	6" X 9", BRAILLE
B.15	WALL RIGHT OF DOOR 2.3	WOMEN + (female, accessibility symbols)	6" X 9", BRAILLE
B.16	SURFACE OF DOOR 2.3	(female symbol)	12" CIRCLE
B.17	RIGHT LEAF OF DOOR 2.4	(red "no passage" symbol) + EXIT ONLY + ENTER FROM CENTER STREET	2" LETTERING AT BACK OF GLASS
B.18	WALL RIGHT OF DOOR 2.4	EXIT + EMERGENCY ONLY + ALARM WILL SOUND	6" X 6", BRAILLE
B.19	SURFACE OF DOOR 2.5	FIRE SPRINKLER RISER	6" X 6", BRAILLE
B.20	WALL ABOVE SERVICE WINDOW	(interchangeable message strip)	18" X 6"
B.21	WALL ABOVE SERVICE WINDOW	(interchangeable message strip)	18" X 6"
B.22	WALL ABOVE SERVICE WINDOW	(interchangeable message strip)	18" X 6"
B.23	WALL ABOVE SERVICE WINDOW	(interchangeable message strip)	18" X 6"
B.24	SURFACE OF DOOR 2.8	AUTHORIZED ENTRY ONLY	6" X 6", BRAILLE
B.25	WALL RIGHT OF DOOR 2.8	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.26	SIDE LITE RIGHT OF DOOR 2.12	SUPERVISOR + (interchangeable message strip)	6" X 6", BRAILLE
B.27	WALL RIGHT OF DOOR 2.9	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.28	WALL RIGHT OF DOOR 2.11	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.29	WALL LEFT OF DOOR 2.10	CONFERENCE	6" X 6", BRAILLE
B.30	WALL RIGHT OF DOOR 2.9	COURTROOM 2 + (two interchangeable message strips, for "in session" and for bench officer's name)	9" X 9", BRAILLE
B.31	WALL RIGHT OF DOOR 2.9	(proper attire, no food, assistive listening available)	9" X 9", ALIGN WITH SIGN ABOVE
B.32	SURFACE OF DOOR 2.6	JANITOR + ELECTRICAL SWITCHGEAR	6" X 6", BRAILLE
B.33	WALL RIGHT OF DOOR 2.13	MANAGER + (interchangeable message strip)	6" X 6", BRAILLE
B.34	WALL RIGHT OF DOOR 2.14	STORAGE	6" X 6", BRAILLE
B.35	WALL RIGHT OF DOOR 2.15	EXIT ROUTE + (accessibility symbol)	6" X 9", BRAILLE
B.36	WALL RIGHT OF DOOR 2.16	JURY + (interchangeable message slot, for "in use")	6" X 6", BRAILLE
B.37	SURFACE OF DOOR 2.17	(unisex symbols)	12" TRIANGLE IN CIRCLE
B.38	WALL LEFT OF DOOR 2.17	RESTROOM + (unisex accessibility symbol)	6" X 9", BRAILLE
B.39	WALL OF DOOR 2.26	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.40	WALL RIGHT OF DOOR 2.26	COURTROOM 2	6" X 6", BRAILLE
B.41	WALL LEFT OF DOOR 2.18	RESTROOM + (unisex accessibility symbol)	6" X 9", BRAILLE
B.42	SURFACE OF DOOR 2.18	(unisex symbols)	12" TRIANGLE IN CIRCLE
B.43	RIGHT OF DOOR 2.20	(interchangeable message strip, for bench officer's name)	6" X 6"
B.44	WALL LEFT OF DOOR 2.19	RESTROOM + (unisex accessibility symbol)	6" X 9", BRAILLE
B.45	SURFACE OF DOOR 2.19	(unisex symbols)	12" TRIANGLE IN CIRCLE
B.46	WALL LEFT OF DOOR 2.21	EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.47	SIDE LITE LEFT OF DOOR 2.21	AUTHORIZED ENTRY ONLY	2 INCH LETTERING
B.48	SURFACE OF DOOR 2.22	ELECTRONIC EQUIPMENT	6" X 6", BRAILLE
B.49	SURFACE OF DOOR 2.24	AUDIOVISUAL EQUIPMENT	6" X 6", BRAILLE
B.50	SURFACE OF DOOR 2.25	EVIDENCE	6" X 6", BRAILLE
B.51	WALL RIGHT OF DOOR 1.14	(international accessibility symbol)	6" X 6" WHITE ON BLUE
B.52	WALL LEFT OF DOOR 1.14	EXIT + ALARM WILL SOUND (accessibility symbol)	6" X 9", BRAILLE
B.53	WALL RIGHT OF DOOR 1.9	HOLDING 7	6" X 6", BRAILLE
B.54	WALL LEFT OF DOOR 1.8	HOLDING 6	6" X 6", BRAILLE
B.55	WALL LEFT OF DOOR 1.7	HOLDING 5	6" X 6", BRAILLE
B.56	WALL SURFACE	EXIT ROUTE + (accessibility symbol)	6" X 9", BRAILLE
B.57	WALL RIGHT OF DOOR 1.13	TO EXIT + (accessibility symbol)	6" X 9", BRAILLE
B.58	SURFACE OF DOOR 1.5	AUTHORIZED ENTRY ONLY	6" X 6", BRAILLE
B.59	WALL RIGHT OF DOOR 1.4	HOLDING	6" X 6", BRAILLE
B.60	SURFACE OF DOOR 1.6	AUTHORIZED ENTRY ONLY	6" X 6", BRAILLE
B.61	SURFACE OF DOOR 2.7	ELECTRICAL SWITCHGEAR + EQUIPMENT YARD	6" X 6", BRAILLE
B.62	WALL SURFACE	EXIT ROUTE + (accessibility symbol)	6" X 9", BRAILLE



## PHASE I & PHASE II SIGNAGE FLOOR PLAN

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

PROJECT

## SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

## MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

### PHASE 1

CLIENT JOB # ARCHITECT JOB #  
1007



971 OSOS STREET  
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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

SIGNED

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SHEET TITLE

## PHASE I & PHASE II SIGNAGE FLOOR PLAN

SHEET #

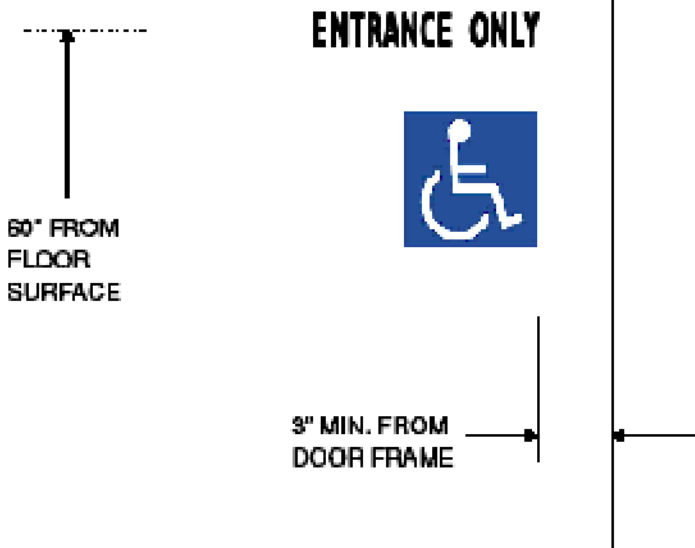
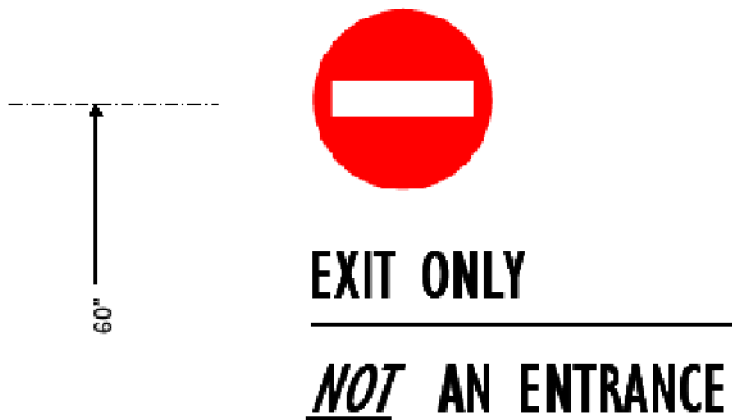
# SS.1



\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase I\SS.1 - Phase I and Phase II Composite Reference Signage Floor Plan.dwg, 3/7/2011 2:32:21 PM, PDF995

SIGNAGE GENERAL NOTES

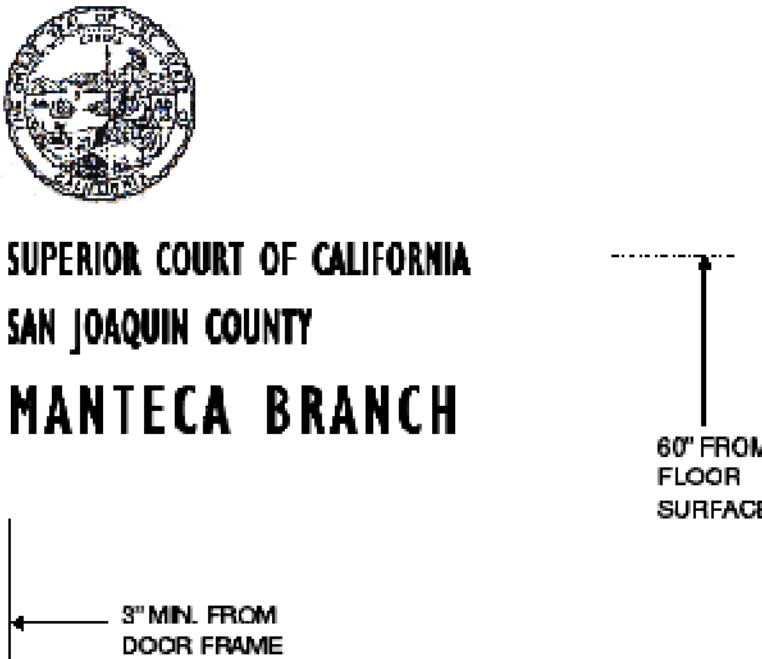
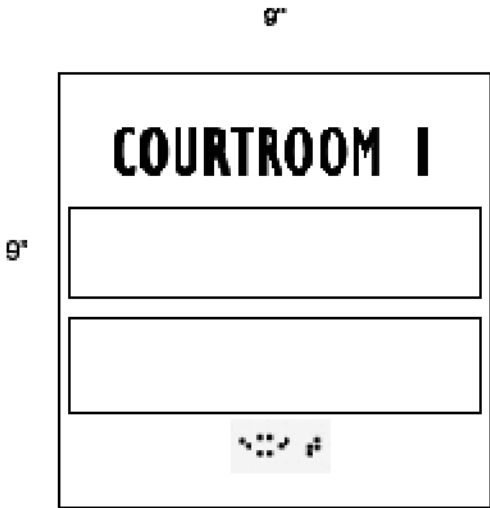
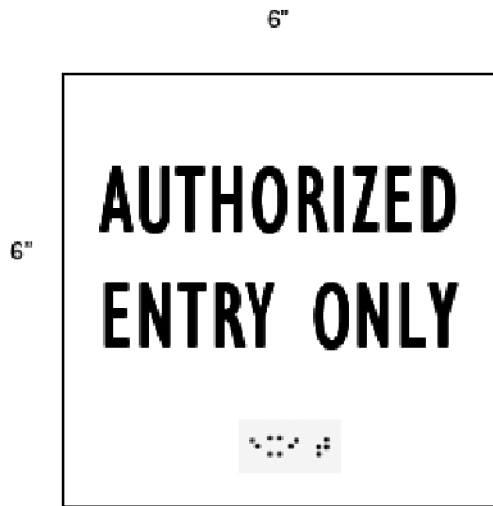
1. SEE SHEET A1.2 FOR LOCATION OF SITE SIGNAGE.
2. EXIT SIGNS SHALL COMPLY WITH THE PROVISIONS OF THE 2007 CALIFORNIA BUILDING CODE SECTION 1011.
3. SIGNS THAT IDENTIFY, DIRECT TO OR GIVE INFORMATION ABOUT PERMANENT BUILDING ROOMS AND SPACES SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES, SECTION 4.30, AND CALIFORNIA BUILDING CODE, TITLE 24, PART 2, VOLUME 1, SECTION 1117.B.5.
4. ACCESSIBLE SIGNAGE SHALL INCLUDE CONTRACTED GRADE 2 BRAILLE, WITH DOTS 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL, AND RAISED A MINIMUM OF 1/40TH INCH ABOVE THE BACKGROUND.
5. ACCESSIBLE SIGNAGE SHALL HAVE CHARACTERS RAISED AND PICTORIAL SYMBOLS RAISED 1/32" ABOVE THE BACKGROUND. LETTERS SHALL BE SANS SERIF UPPER CASE, 5/8" TO 2" HEIGHT, CONTRASTING WITH THE BACKGROUND, AND WITH A CHARACTER WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:10, AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10; PICTORIAL SYMBOLS SHALL HAVE A MINIMUM OUTSIDE DIMENSION OF 6".
6. SIGNS WILL BE MOUNTED AT 60" FROM THE FINISHED FLOOR SURFACE TO THE CENTER OF THE SIGN UNLESS OTHERWISE NOTED.



32 B.09  
SCALE: 1/8" = 1'-0"

22 B.04  
SCALE: 1/8" = 1'-0"

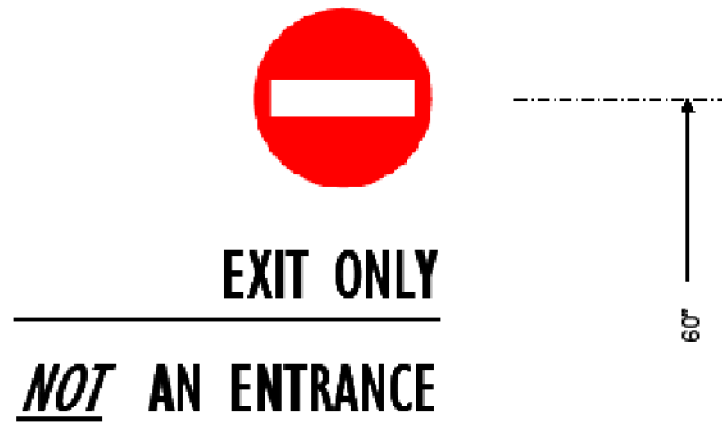
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33 B.11  
SCALE: 1/8" = 1'-0"

23 B.06  
SCALE: 1/8" = 1'-0"

13 B.02  
SCALE: 1/8" = 1'-0"



34 B.12  
SCALE: 1/8" = 1'-0"

24 B.08  
SCALE: 1/8" = 1'-0"

14 B.03  
SCALE: 1/8" = 1'-0"

PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

PHASE 1

CLIENT JOB # ARCHITECT JOB #  
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SHEET TITLE

PHASE I  
SIGN GRAPHICS

SHEET #

SS.2



	SPECIAL INSPECTION
--	--------------------

## ABBREVIATIONS

PROJECT

**SUPERIOR COURT**

OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

## MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

## PHASE 1

CLIENT JOB # ARCHITECT JOB #  
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SHEET TITLE

# GENERAL STRUCTURAL NOTES

SHEET #

## S1.1

A. SPECIAL INSPECTION GENERAL NOTES	
-------------------------------------	--

1. ALL SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH C.B.C SECTION 1704 AND 1705.
2. WHERE SPECIAL INSPECTION IS REQUIRED, ALL INSPECTION OR TESTING SHALL BE PROVIDED BY AN "APPROVED AGENCY" IN ACCORDANCE WITH C.B.C. SECTION 1702.1, 1703.1 AND 1704.1.
3. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE ARCHITECT OR ENGINEER. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE ARCHITECT OR ENGINEER PRIOR TO THE COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.
4. SPECIAL INSPECTORS SHALL BE APPROVED BY LOCAL BUILDING OFFICIAL IN ACCORDANCE WITH C.B.C. SECTION 1704.1.
5. SEE ARCHITECTURAL DRAWINGS FOR SPRAYED FIRE-RESISTANT REQUIREMENTS.
  - A. SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.10 AND 1704.11.
  - B. SPECIAL INSPECTION MAY BE REQUIRED FOR SMOKE CONTROL SYSTEMS IN ACCORDANCE WITH C.B.C. 1704.14.
6. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SPECIAL INSPECTION REQUIREMENTS.
  - A. SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1707.8, 1707.9, 1707.10 AND 1708.5.
  - B. SPECIAL INSPECTION MAY BE REQUIRED FOR SMOKE CONTROL SYSTEMS IN ACCORDANCE WITH C.B.C 1704.14.
7. SEE PROJECT SOILS REPORT FOR ALL SPECIAL INSPECTION REQUIREMENTS FOR EXISTING SOILS CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS.
  - A. SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.7 AND TABLE 1704.7.
8. SEE ARCHITECTURAL DRAWINGS FOR SPECIAL INSPECTION FOR EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS), STORAGE RACKS AND ACCESS FLOORS, AND ARCHITECTURAL COMPONENTS.
  - A. SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.12, 1707.6 AND 1707.7.
9. LOCAL BUILDING OFFICIALS MAY REQUIRE SPECIAL INSPECTION FOR "SPECIAL CASES" IN ACCORDANCE WITH C.B.C. SECTION 1704.13.
10. CONTRACTOR'S RESPONSIBILITY: EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTION SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
  - A. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS;
  - B. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL;
  - C. PROCEDURES FOR EXERCISED CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS; AND
  - D. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.
11. SPECIAL INSPECTION MAY BE REQUIRED FOR INSTALLATION OF ANCHORS INTO HARDENED CONCRETE, AS PER APPROVED I.C.C. REPORT.

## B. STEEL CONSTRUCTION (1)(2)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REMARKS
<b>HIGH STRENGTH BOLTING</b>			
1. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN APPROVED CONSTRUCTION DOCUMENTS.		×	
2. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.		×	
3. INSPECTION OF HIGH STRENGTH BOLTING: -BEARING-TYPE CONNECTION.		×	SEE CBC SECTION 1704.3.3.
4. INSPECTION OF HIGH STRENGTH BOLTING: -SLIP CRITICAL CONNECTION.	×	×	SEE CBC SECTION 1704.3.3.
<b>WELDING - STRUCTURAL STEEL (3)</b>			
5. COMPLETE AND PARTIAL PENETRATED GROOVE WELDS.	×		
6. MULTIPASS FILLET WELDS.	×		
7. SINGLE-PASS FILLET $> \frac{3}{16}$ ".	×		
8. SINGLE-PASS FILLET $\leq \frac{3}{16}$ ".		×	
9. FLOOR AND ROOF DECKS.		×	
<b>WELDING - REINFORCED STEEL</b>			
10. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.		×	
11. BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	×		
12. SHEAR REINFORCEMENT.	×		
13. OTHER REINFORCING STEEL.		×	
<b>STEEL FRAME</b>			
14. STEEL FRAME JOINT DETAIL COMPLIANCE.		×	SEE NOTE 4.
<b>NOTES:</b>			
1. SEE CBC SECTION 1707.3 AND 1707.2.			
2. SEE CBC TABLE 1707.3.			
3. EXCEPTION FOR WELDING : THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED THE MATERIALS, WELDING PROCEDURES AND QUALIFICATIONS OF WELDERS ARE VERIFIED PRIOR TO THE START OF THE WORK; PERIODIC INSPECTIONS ARE MADE OF THE WORK IN PROGRESS; AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO COMPLETION OR PRIOR TO SHIPMENT OF SHOP WELDING.			
A. SINGLE-PASS FILLET WELDS NOT EXCEEDING $\frac{3}{16}$ " IN SIZE.			
B. FLOOR AND ROOF DECK WELDING.			
C. WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM.			
D. WELDED SHEET STEEL FOR COLD-FORMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS.			
E. WELDING OF STAIRS AND RAILING SYSTEMS.			
4. THE SPECIAL INSPECTOR SHALL PERFORM AN INSPECTION OF THE STEEL FRAME TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE APPROVED CONSTRUCTION DOCUMENTS, SUCH AS BRACING, STIFFENING, MEMBER LOCATIONS AND PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION.			

### C. SPECIAL CASES

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REMARKS
1. xxx.		X	xxx

D. CONCRETE CONSTRUCTION (1)(2)
---------------------------------

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REMARKS
1. INSPECTION OF REINFORCING STEEL PLACEMENT.		×	SEE NOTE (2)
2. INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	×		SEE CBC SECTION 1911.5.
3. VERIFYING USE OF REQUIRED DESIGN MIX.		×	
4. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTROL TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	×		SEE NOTE (4)
5. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	×		
6. INSPECTION FOR MAINTENANCE OF CURING, TEMPERATURE & TECHNIQUES.		×	SEE NOTE (5)
7. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		×	
8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		×	
<b>NOTES:</b> 1. SEE CBC SECTION 1704.4 AND TABLE 1704.4. 2. SEE CBC SECTION 1708.3 FOR SHEARWALL BOUNDARY REINFORCEMENT REQUIREMENTS. 3. SPECIAL INSPECTION NOT REQUIRED FOR 3 STORY OR LESS BLDG. SUPPORTED BY ROCK OR EARTH FOR THE FOLLOWING: A. ISOLATED SPREAD FOOTINGS. B. CONTINUOUS CONCRETE FOOTINGS. C. NONSTRUCTURAL CONCRETE SLAB ON GRADE. 4. TEST CYLINDERS/SPECIMENS A. CONCRETE STRENGTH SHALL BE VERIFIED BY STANDARD CYLINDER TESTS (IN ACCORDANCE WITH C.B.C. SECTION 1905) MADE BY AN APPROVED TESTING LABORATORY. CONTRACTOR SHALL MAINTAIN RECORDS OF TEST REPORTS AT JOB SITE AND AVAILABLE FOR REVIEW AND INSPECTION BY BUILDING OFFICIALS. MAKE 3, MINIMUM TEST CYLINDERS FOR EACH DAY'S POUR. TEST EACH BATCH OF CYLINDERS AS FOLLOWS: 1 AT 7 DAYS, AND 2 AT 28 DAYS. B. SEE ALSO REQUIREMENTS A.C.I. SECTION 5.6. 5. SEE A.C.I. 5.11 THRU 5.13			

E. WOOD CONSTRUCTION (1)(2)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REMARKS
1. PLYWD. SHEAR WALLS.		×	SEE NOTES (2)(3)
2. ROOF AND FLOOR DIAPHRAGMS		×	SEE NOTES (2)(3)
3. DRAG STRUTS		×	SEE NOTES (2)(3)
4. HIGH LOAD SHEARWALLS OR DIAPHRAGMS		×	SEE NOTE (4)

PROJECT COORDINATION	
Project Manager	John Doe
Project Coordinator	Jane Smith
Project Assistant	Mike Johnson
Project Sponsor	Emily White
Project Stakeholder	David Brown
Project Stakeholder	Sarah Green
Project Stakeholder	Robert Black
Project Stakeholder	Lisa Grey
Project Stakeholder	James Blue
Project Stakeholder	Alice Red
Project Stakeholder	Chris Yellow
Project Stakeholder	Ben Orange
Project Stakeholder	Grace Purple
Project Stakeholder	Henry Silver
Project Stakeholder	Ivy Gold
Project Stakeholder	Leo Bronze
Project Stakeholder	Mia Copper
Project Stakeholder	Noah Iron
Project Stakeholder	Olivia Steel
Project Stakeholder	Peter Aluminum
Project Stakeholder	Quinn Titanium
Project Stakeholder	Rachel Nickel
Project Stakeholder	Sam Zinc
Project Stakeholder	Tina Lead
Project Stakeholder	Uma Tin
Project Stakeholder	Victor Silver
Project Stakeholder	Wendy Gold
Project Stakeholder	Xavier Platinum
Project Stakeholder	Yara Palladium
Project Stakeholder	Zoe Rhodium
Project Stakeholder	Adam Iridium
Project Stakeholder	Eve Osmium
Project Stakeholder	Frank Platinum
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Project Stakeholder	Harry Iridium
Project Stakeholder	Ivy Osmium
Project Stakeholder	Jack Platinum
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Project Stakeholder	Rachel Platinum
Project Stakeholder	Sam Rhodium
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Project Stakeholder	Rachel Osmium
Project Stakeholder	Sam Platinum






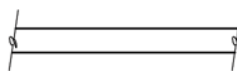

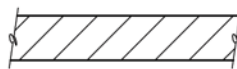


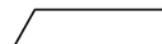
THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER 24 HOURS IN ADVANCE OF REACHING THE FOLLOWING STAGES OF CONSTRUCTION:

1. FOOTING EXCAVATIONS COMPLETED, TRENCHES READY FOR PLACING OF REINFORCING.
2. FOOTING REINFORCING BARS IN PLACE.
3. SLAB ON GRADE REINFORCING BARS IN PLACE.
4. CONCRETE PLACING OPERATIONS.
5. STRUCTURAL STEEL COLUMN PLACEMENT, EACH LEVEL.
6. STRUCTURAL STEEL ROOF FRAMING, EACH LEVEL.
7. ALL STRUCTURAL STEEL FRAMING COMPLETED BUT NOT CLOSED IN.
8. WOOD FRAMING COMPLETED BUT NOT CLOSED IN.
9. PLYWOOD NAILING COMPLETED BUT NOT COVERED.
10. ALL STRUCTURAL WORK COMPLETED.

Ø	AT	HT.	HEIGHT
A.B.	ANCHOR BOLT	I.B.C.	INTERNATIONAL BUILDING CODE
ABV.	ABOVE	I.C.B.O.	INTERNATIONAL CONFERENCE OF
A.C.I.	AMERICAN CONCRETE INSTITUTE		BUILDING OFFICIALS
A.I.S.C.	AMERICAN INSTITUTE OF STEEL	I.C.C.	INTERNATIONAL CODE COUNCIL
	CONSTRUCTION	I.D.	INSIDE DIAMETER
A.I.T.C.	AMERICAN INSTITUTE OF TIMBER	IN.	INCH, INCHES
	CONSTRUCTION	INT.	INTERIOR
ALUM.	ALUMINUM		
A.O.R.	ARCHITECT OF RECORD	JST., JSTS.	JOIST, JOISTS
A.P.B.	ANTHONY POWER BEAM		
APPROX.	APPROXIMATE(LY)	L.L.	LIVE LOAD
A.R.C.	ARCHITECT, ARCHITECTURE	LWT.	LIGHTWEIGHT
A.S.T.M.	AMERICAN SOCIETY OF TESTING AND	L.S.L.	LAMINATED STRAND LUMBER
	MATERIALS	L.V.L.	LAMINATED VENEER LUMBER
ATR	ALL THREAD ROD		
A.W.S.	AMERICAN WELDING SOCIETY	MAX.	MAXIMUM
A.Y.C.	ALASKAN YELLOW CEDAR	M.B.	MACHINE BOLT
		MECH.	MECHANICAL
BLDG.	BUILDING	MFR.	MANUFACTURED
BLK.	BLOCK	MIN.	MINIMUM
BLKD.	BLOCKED	M.L.	MICRO-LAM BEAM
BLKG.	BLOCKING	MTD.	MOUNTED
BM., BMS.	BEAM, BEAMS	MTL.	METAL
B.O.	BOTTOM	(N)	NEW
BOT.	BOTTOM	N.T.S.	NOT TO SCALE
BRG.	BEARING		
B/T	BETWEEN		
BTR	BETTER	O.A.	OVERALL
		O.C.	ON CENTER
C.A.C.	CALIFORNIA ADMINISTRATIVE CODE	O.D.	OUTSIDE DIAMETER
CANT.	CANTILEVER	O.S.B.	ORIENTED STRAND BOARD
C.B.C.	CALIFORNIA BUILDING CODE	O.S.H.P.D.	OFFICE OF STATE HEALTH PLANNING
C.J.	CONTROL JOINT		AND DEVELOPMENT
C.J.P.	COMPLETE JOINT PENETRATION		
Ø	CENTERLINE	PEN.	PENETRATION
CLG.	CEILING	PL	PLATE
CLR.	CLEAR	PLYWD.	PLYWOOD
C.M.U.	CONCRETE MASONRY UNIT	P.J.P.	PER JOIST PENETRATION
COL.	COLUMN	P.O.C.	PORT ORFORD CEDAR
CONC.	CONCRETE	P.S.I.	POUNDS PER SQUARE INCH
CONC. BLK.	CONCRETE BLOCK	P.S.L.	PARALLEL STRAND LUMBER (PARALAM)
CONN.	CONNECTION	P.W.	PUDDLE WELD
CONSTR.	CONSTRUCTION		
CONT.	CONTINUE, CONTINUOUS	Q.A.	QUALITY ASSURANCE
C.O.S.	CORNER OF STUD	Q.C.	QUALITY CONTROL

DIAMETER	RBS	REDUCED BEAM SECTION
PENNY	RWDW.	REDWOOD
DBL. DOUBLE	REBAR.	REINFORCING BAR
DCW DEMAND CRITICAL WELD	REINF.	REINFORCING
DET. DETAIL	RET.	RETAINING
DEMO. DEMOLITION	REQ'D	REQUIRED
D.F. DOUGLAS FIR		
DAG. DIAGONAL	S.F.	SQUARE FEET
D.L. DEAD LOAD	SHT'G	SHEET
D.S.A. DIVISION OF STATE ARCHITECT	SIM.	SIMILAR
DWGS. DRAWINGS	SLRS	SEISMIC LOAD RESISTING SYSTEM
	SQ.	SQUARE
EA. EACH	S.S.	SELECT STRUCTURAL
ELEC. ELECTRIC, ELECTRICAL	STAGG'D	STAGGERED
ELEV. ELEVATION	STAND., STD.	STANDARD
EMBED. EMBEDDED, EMBEDMENT	STL.	STEEL
E.N. EDGE NAILING	SLOT.	SLOT
E.O.R. ENGINEER OF RECORD	SW	STRONG WALL
EQUIP. EQUIPMENT	SSW	STEEL STRONG WALL
E.S. EXTRA STRONG		
E.W. EACH WAY	T&G	TONGUE AND GROOVE
EXIST., (E) EXISTING	T.O.	TOP OF
EXT. EXTERIOR	T.O.C.	TOP OF CONCRETE
	T.O.F.	TOP OF FOOTING
FAB. FABRICATED	T.O.S.	TOP OF SLAB
FDN., FOUND. FOUNDATION	T.O.W.	TOP OF WALL
F.F. FINISH FLOOR	T.S.	TUBE SECTION
FLR. FLOOR	TYPE.	TYPICAL
F.O. FACE OF		
F.O.C. FACE OF CONCRETE	U.B.C.	UNIFORM BUILDING CODE
F.O.C.B. FACE OF CONCRETE BLOCK	UNBLK'D.	UNBLOCKED
F.O.S. FACE OF STUD	U.O.N., U.N.O.	UNLESS OTHERWISE NOTED
F.P. FULL PENETRATION	U.R.M.	UNREINFORCED MASONRY
FRMG. FRAMING		
FT. FOOT, FEET	VERT.	VERTICAL
FTG. FOOTING	V.I.F.	VERIFY IN FIELD
GA. GAUGE	w/	WITH
G.L.B. GLU-LAMINATED BEAM	WOOD.	WOOD
GYP. BD. GYPSUM BOARD	W.S.M.F.	WELDED STEEL MOMENT FRAME
	WSS	WELDED STEEL STUD
HDR. HEADER	WT.	WEIGHT
HDR. HORIZONTAL	W.W.M.	WOVEN WIRE MESH
H.S.B. HIGH STRENGTH BOLT		
H.S.S. HOLLOW STEEL SECTION		

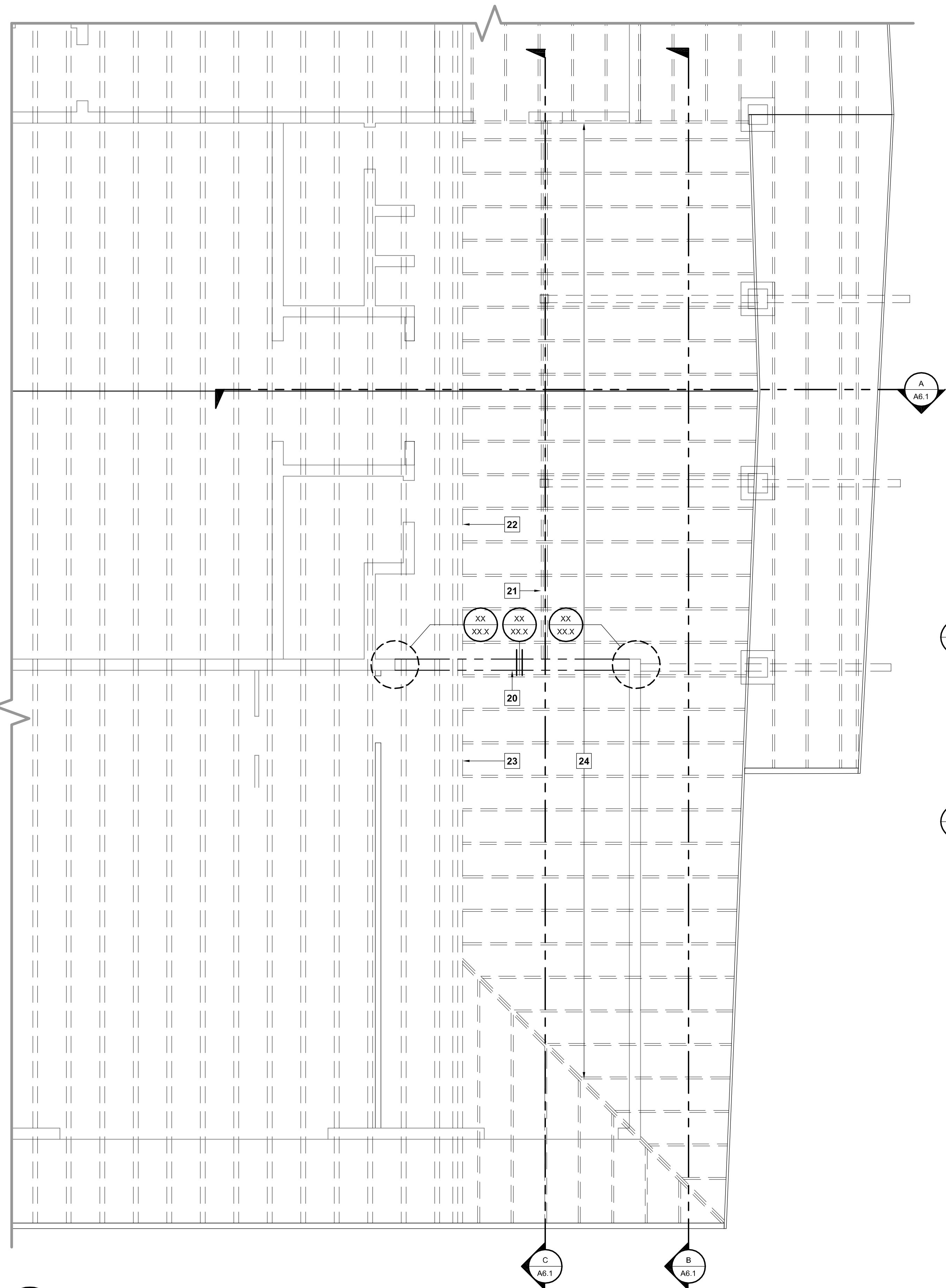
## SYMBOLS

	<p>HOLDOWN LOCATION</p> <p>-SEE SHEAR WALL SCHEDULE</p>
	<p>ROOF FRAMING, FLOOR FRAMING, OR FOUNDATION REFERENCE NOTE</p>
	<p>POST, COLUMN OR COLUMN FOOTING REFERENCE</p> <p>-REFER TO SCHEDULES</p>
	<p>SHEAR WALL REFERENCE</p> <p>(MINIMUM SHEARWALL LENGTH)</p> <p>-REFER TO SCHEDULE</p>
	<p>DETAIL NUMBER REFERENCE</p> <p>SHEET NUMBER REFERENCE</p>
	<p>2x STUD BEARING WALL</p>
	<p>CONCRETE WALL</p>
	<p>CONCRETE BLOCK WALL</p>
	<p>ELEVATION REFERENCE</p>
	<p>BUILDING MATCH LINE</p>
	<p>ELEVATION REFERENCE</p>

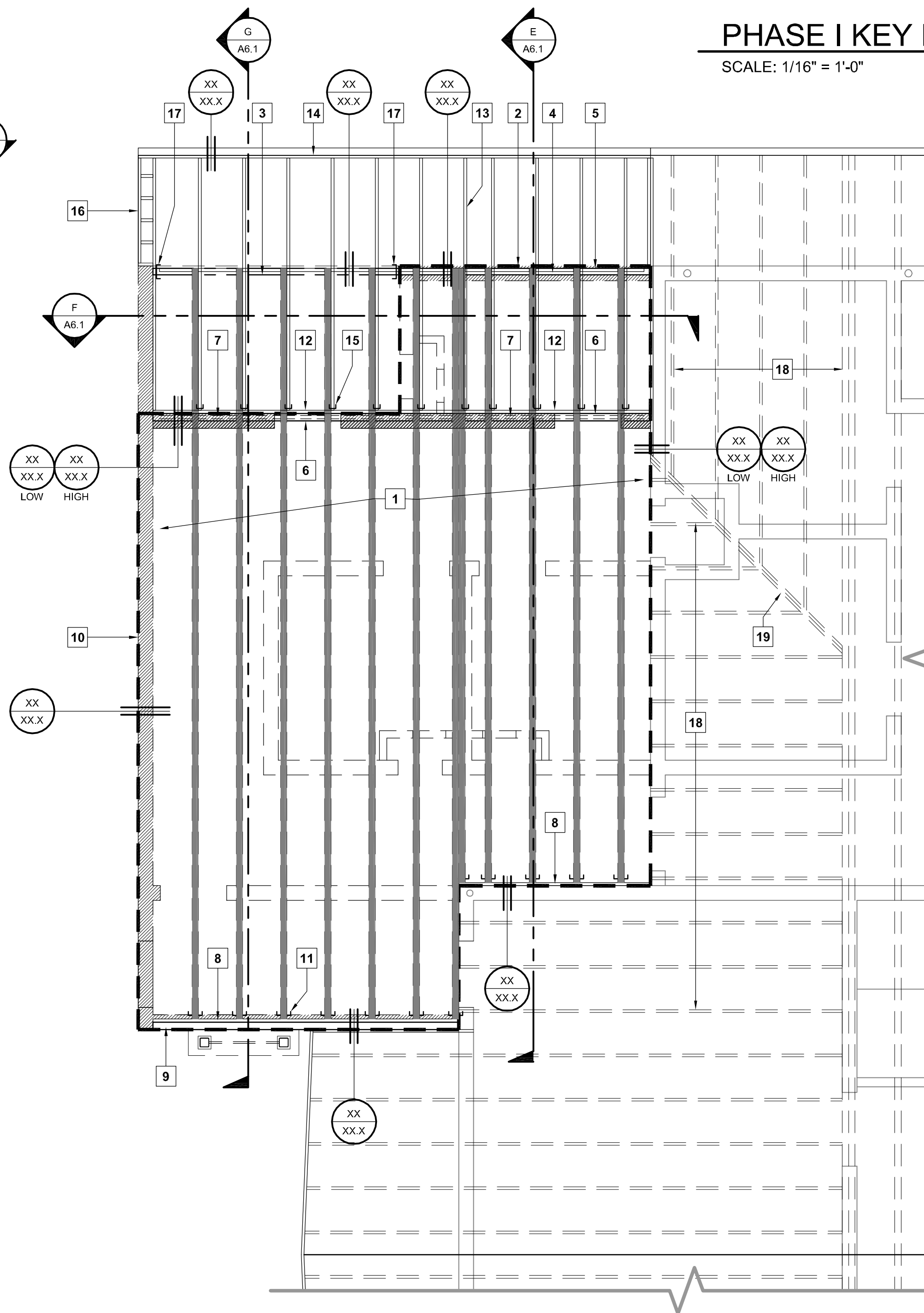




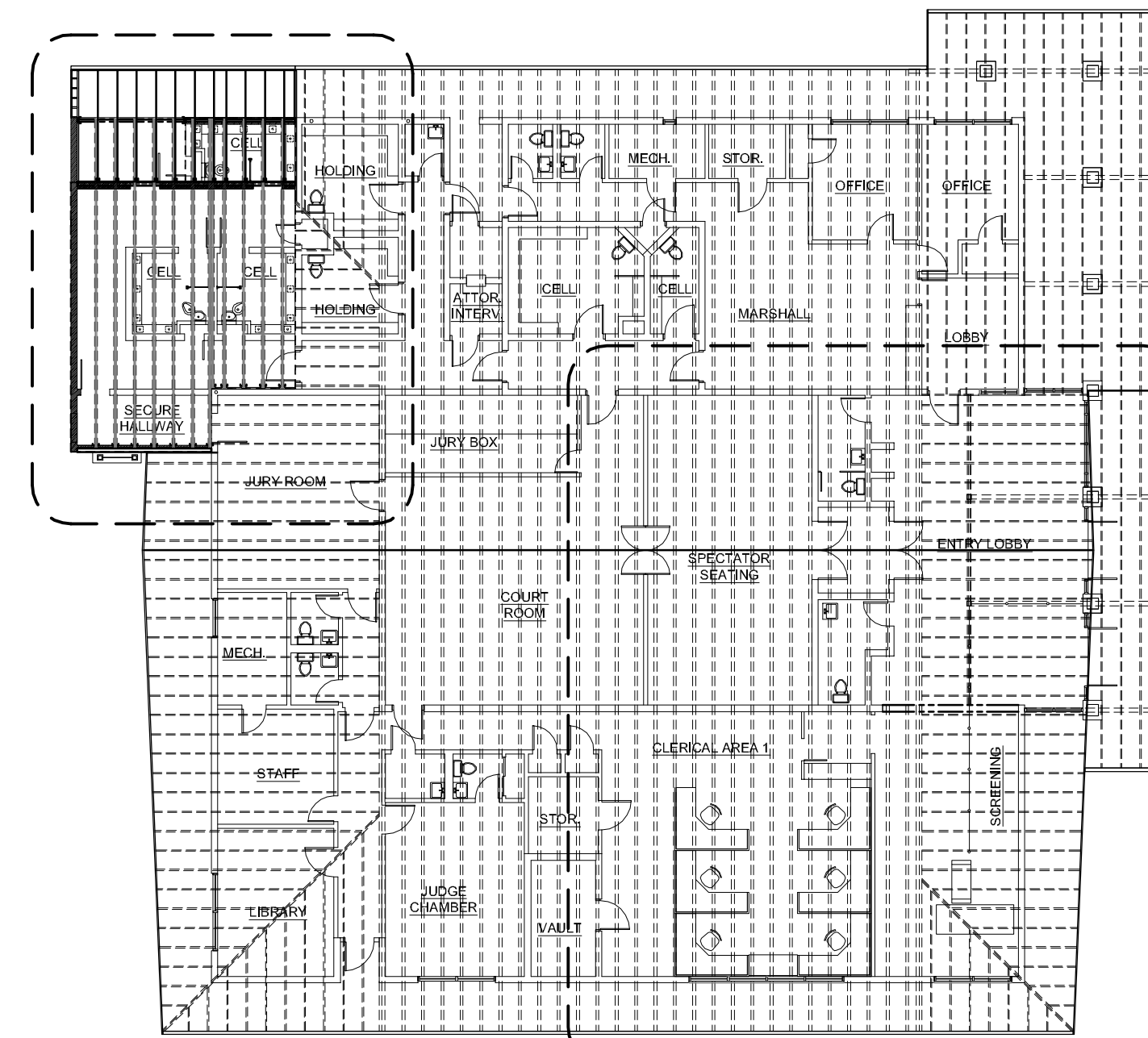
\\John\\Manteca Courthouse 1007\\Drawings\\Sheets\\Phase I\\S3.1 - Phase I Foundation Plan.dwg, 3/7/2011 2:35:30 PM, PDF995



**PHASE I ROOF FRAMING PLAN - LOBBY**  
SCALE: 1/4" = 1'-0"



**PHASE I ROOF FRAMING PLAN - HOLDING CELL ADDITION**  
SCALE: 1/4" = 1'-0"



**PHASE I KEY PLAN**

SCALE: 1/16" = 1'-0"

**ROOF PLAN KEYNOTES**

- 24" PRE-ENGINEERED TJI ROOF TRUSSES @ 24" O.C. MAX.
- DASHED LINE INDICATES EXTENT OF CONCRETE CEILING BELOW ROOF FRAMING.
- 4x14 D.F. #1 ROOF BEAM BELOW 2x4 PONY WALL.
- 2x4 PONY WALL OVER CONCRETE BLOCK WALL.
- 1 3/4" x 24" LVL RIM BLOCKING.
- 2x4 LOAD BEARING PONY WALL. ALIGN WITH CONCRETE BLOCK WALL BELOW.
- 1 3/4" x 24" LVL TRUSS BLOCKING ABOVE PONY WALL.
- CONTINUOUS 1 3/4" x 24" LVL LEDGER.
- 2X4 PARAPET WALL OVER CONCRETE BLOCK WALL.
- FULL HEIGHT CONCRETE BLOCK WALL.
- SIMPSON LSSU410 FACE HANGER, TYP.
- CONTINUOUS 2x10 LEDGER WITH (3) 16d AT EACH STUD.
- 2x10 OUTRIGGERS @ 24" O.C.; ALIGN WITH EXISTING OVERHANG. OUTRIGGERS SHOWN OFFSET FROM TJIs FOR CLARITY.
- 2x FASCIA TO ALIGN WITH EXISTING. WRAP FASCIA WITH PAINTED METAL FLASHING.
- ATTACH OUTRIGGERS TO LEDGER WITH SIMPSON LU28 FACE HANGER.
- LADDER FRAME OVERHANG EXTENSION FLUSH WITH FACE OF WALL.
- HANG BEAM ON FACE OF CONCRETE BLOCK WALL WITH SIMPSON MBHU3.56/11.88KT.
- EXISTING 2x10 RAFTERS.
- EXISTING DOUBLE 2x10 HIP RAFTER.
- NEW W16x30 STEEL BEAM UNDER EXISTING BLOCK WALL. T.O.B. = 10'-6" A.F.F.
- EXISTING (3) 2x10 ABOVE GLULAM OUTRIGGERS.
- EXISTING DOUBLE 14" T.J.L. PITCHED.
- EXISTING DOUBLE 20" T.J.L. PITCHED.
- EXISTING 2x10 OUTRIGGERS @ 24" O.C.

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # ARCHITECT JOB #  
**1007**

**FRASER  
SEIPLE  
ARCHITECTS**

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PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

SIGNED

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Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and existing conditions on the job and shall report any discrepancies to the architect for resolution prior to commencing work.

SHEET TITLE

**PHASE I  
ROOF FRAMING  
PLAN**

SHEET #

**S3.1**



GENERAL NOTES

MECHANICAL/PLUMBING WORK CONSISTS OF ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR AND INCIDENTAL TO THE EXECUTION AND COMPLETION OF THE SYSTEMS AS INDICATED ON THESE DRAWINGS.

SUBMITTAL REQUIREMENTS:

- WITHIN 15 DAYS OF CONTRACT AWARD, THE MECHANICAL/PLUMBING CONTRACTOR SHALL SUBMIT COMPLETE APPLICABLE PRODUCT, EQUIPMENT, AND MATERIAL INFORMATION IN THE FORM OF AN ELECTRONIC SUBMITTAL (PDF). NO PRODUCT, EQUIPMENT, OR MATERIAL SHALL BE ORDERED OR INSTALLED UNTIL SUBMITTALS ARE APPROVED BY THE MECHANICAL ENGINEER. ANY ITEM NOT INCLUDED IN THE SUBMITTAL SHALL BE PROVIDED WITHOUT SUBSTITUTION. SUBMITTAL INFORMATION SHALL INCLUDE: MANUFACTURER'S NAME AND CATALOGUE NUMBERS, DIMENSIONS, CAPACITIES, PERFORMANCE CURVES, AND ALL OTHER CHARACTERISTICS AND ACCESSORIES AS LISTED IN THE CONTRACT DOCUMENTS. THE INFORMATION SHALL BE CURRENT MANUFACTURER'S SUBMITTALS AND BROCHURES.

- SUBMITTALS FOR ANY EQUIPMENT SUBSTITUTED AS EQUIVALENT TO THE SCHEDULED EQUIPMENT SHALL INCLUDE TABULATED COMPARISON DATA SO AS TO CLEARLY DEMONSTRATE EQUIVALENCY. THIS DATA SHALL SPECIFICALLY INCLUDE COMPARISONS BETWEEN SCHEDULED AND PROPOSED EQUIPMENT IN THE FOLLOWING AREAS:
  - WEIGHT (INCLUDING CURBS AND ACCESSORIES)
  - DIMENSIONS
  - ELECTRICAL AND GAS REQUIREMENTS (VOLTAGE, PHASE, FULL LOAD AMPS & BTU)
  - SOUND LEVELS (WHERE APPLICABLE)
  - PERFORMANCE (EFFICIENCIES, HEATING, COOLING, AIR FLOW, STATIC PRESS.)

- ALL WORK INDICATED ON THESE PLANS SHALL BE DONE IN COMPLIANCE WITH CURRENT STATE AND LOCAL CODES AND ALL APPLICABLE CALIFORNIA TITLE-24 REQUIREMENTS. IN THE EVENT OF CONFLICT BETWEEN CODES, THE MORE RESTRICTIVE REQUIREMENTS SHALL BE EXERCISED.

- NOTHING IN THESE DRAWINGS AND/OR SPECIFICATIONS SHALL BE INTERPRETED TO CONFLICT WITH ANY CITY OR STATE LAW, REGULATION, CODE, ORDINANCE, RULING, OR FIRE UNDERWRITER'S REQUIREMENT APPLICABLE TO THIS CLASS OF WORK.

- CONSTRUCTION AND/OR ENGINEERING COSTS RESULTING FROM PRODUCT SUBSTITUTIONS SHALL BE PAID BY THE MECHANICAL/PLUMBING CONTRACTOR. APPROVAL OF SUBSTITUTED PRODUCTS DOES NOT NEGATE THIS OBLIGATION.

- THE MECHANICAL/PLUMBING CONTRACTOR SHALL COORDINATE THE INSTALLATION OF AIR TERMINALS WITH THE REFLECTED CEILING PLAN, AND VERIFY CORRECT LOCATION OF EQUIPMENT, PIPING, AND PLUMBING SERVICES BEFORE PROCEEDING WITH INSTALLATION.

- ALL LOCATIONS OF DUCTWORK, EQUIPMENT AND PIPING ARE SHOWN DIAGRAMMATICALLY. THE MECHANICAL/PLUMBING CONTRACTOR SHALL ADHERE TO LOCATIONS INDICATED ON THE DRAWINGS AS CLOSELY AS POSSIBLE, VARYING PIPE RUNS AS REQUIRED TO MEET STRUCTURAL AND OTHER INTERFERENCES AS REQUIRED BY THE PROJECT.

- THE MECHANICAL/PLUMBING CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE REQUIRED FOR ALL PLUMBING-RELATED EQUIPMENT, ACCESSORIES, AND CONTROLS.

- DUCT DIMENSIONS SHOWN ARE INTERNAL.

- ALL EQUIPMENT SHALL BE FURNISHED AND INSTALLED WITH AT LEAST THE MANUFACTURER'S MINIMUM RECOMMENDED CLEARANCE ALLOWANCE FOR SUFFICIENT ACCESS TO CONTROLS, FILTERS, ELECTRIC MOTORS, ETC. FOR MAINTENANCE AND PROPER OPERATION.

- ALL MECHANICAL/PLUMBING DUCTING, PIPING, AND EQUIPMENT SHALL BE PROVIDED WITH SEISMIC RESTRAINING SERVICES AS REQUIRED BY LOCAL BUILDING CODES.

- THE WORK UNDER THIS SECTION SHALL BE IN COOPERATION WITH THE WORK OF OTHER TRADES TO PREVENT CONFLICT OR INTERFERENCE AND TO AID RAPID COMPLETION OF THE OVERALL PROJECT.

- THE MECHANICAL/PLUMBING CONTRACTOR SHALL GUARANTEE THAT THE SYSTEMS INSTALLED ARE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, AND WILL WARRANT ALL EQUIPMENT, MATERIALS, AND LABOR FURNISHED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. THE MECHANICAL/PLUMBING CONTRACTOR SHALL REPAIR OR REPLACE ANY EQUIPMENT OR MATERIAL, WHICH IS DEFECTIVE OR IMPROPERLY INSTALLED. IN ADDITION, THE MECHANICAL/PLUMBING CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE TO THE BUILDINGS AND ITS CONTENTS OR OTHER EQUIPMENT, CAUSED BY DEFECTS OR IMPROPER INSTALLATION OF EQUIPMENT OR MATERIALS INSTALLED UNDER THIS SECTION OF THE SPECIFICATIONS. IN THE EVENT OF FAILURE TO COMPLY WITH THE ABOVE-MENTIONED CONDITIONS WITHIN TEN (10) DAYS AFTER BEING NOTIFIED IN WRITING, THE MECHANICAL/PLUMBING CONTRACTOR SHALL, COLLECTIVELY OR SEPARATELY AUTHORIZE THE OWNER TO PROCEED TO HAVE SAID DEFECTS REPAIRED AND MADE GOOD AT THE CONTRACTORS EXPENSE. THE CONTRACTOR WILL HONOR AND PAY THE SAID COSTS AND CHARGES ON DEMAND.

- BY JVA MECHANICAL ENGINEERING ALL COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS RESERVED THESE DOCUMENTS AS ORIGINAL AND UNPUBLISHED WORK PRODUCT OF JVA MECHANICAL ENGINEERING AND THIS WORK SHALL NOT BE COPIED, DISCLOSED, OR USED IN CONNECTION WITH ANY WORK PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH IT HAS BEEN PREPARED OR ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF JVA MECHANICAL ENGINEERING VISUAL CONTACT WITH THIS DOCUMENT SHALL CONSTITUTE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS AND CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE JOB. UPON DISCOVERY OF ANY VARIATION, DISCREPANCY, OR OMISSIONS, PLEASE NOTIFY JVA MECHANICAL ENGINEERING AND PRIOR TO PROCEEDING WITH RELATED WORK OBTAIN WRITTEN RESOLUTION FROM JVA MECHANICAL ENGINEERING

- THE MECHANICAL/PLUMBING CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE JOB. UPON DISCOVERY OF ANY VARIATION, DISCREPANCY, OR OMISSIONS, NOTIFY JVA MECHANICAL ENGINEERING AND PRIOR TO PROCEEDING WITH RELATED WORK, OBTAIN WRITTEN RESOLUTION FROM JVA MECHANICAL ENGINEERING

SPECIFICATIONS

PLUMBING, FITTINGS AND PIPING:

- SOIL, WASTE, AND VENT: ABOVE AND BELOW GRADE: PLASTIC ABS OR PVC PIPE AND WROUGHT COPPER SOLDER FITTINGS. SOLDER WITH 95 – 5 TIN-ANTIMONY SOLDER.

- DOMESTIC WATER PIPING: ABOVE GRADE: TYPE 'L' COPPER TUBING HARD DRAWN WITH WROUGHT COPPER SOLDER FITTINGS. SOLDER WITH 95 – 5 TIN-ANTIMONY SOLDER.

- CONDENSATE AND DRAIN PIPING: TYPE 'L' COPPER TUBING HARD DRAWN WITH WROUGHT COPPER SOLDER FITTINGS. SOLDER WITH 95 – 5 TIN-ANTIMONY SOLDER.

- GAS PIPING ABOVE GRADE: SCHEDULE 40 BLACK MALLEABLE IRON THREADED PIPE AND FITTINGS

PLUMBING FIXTURES:

- PLUMBING FIXTURES SHALL BE AS PER PLUMBING FIXTURE SCHEDULES—SEE PLANS

PIPING SPECIALTIES:

- SHUT-OFF VALVES (WATER): APOLLO, OR EQUIVALENT, FULL PORT BALL VALVE.

- SUPPLIES: ANGLE TYPE WITH TEE HANDLE STOP AND RIGID RISERS "SPEEDWAY" R1700-S SERIES, ROBERT ML-600 SERIES OR EQUAL P-T-RAPS: CHROME PLATED BRASS 17 GAUGE WITH CP TUBING DRAIN TO WALL AND CLEAN-OUT PLUG. TRAP ARMS UNDER LAVATORIES, SINK, AND ESCUTCHEON AT WALL ALSO TO BE CHROME-PLATE

- WALL CLEANOUTS (WCO): TERRI, PRIME-COATED WITH U.P.C. BRONZE PLUG IN "NO-HUB" TEST-TEE.

- SHUT-OFF VALVES (GAS): CRANE #1128, OR EQUIVALENT (2" AND SMALLER).

PIPING HANGERS, SUPPORTS, AND ACCESS PANELS:

- PROVIDE HANGER SPECIFIED HEREIN. EQUIVALENT MODELS BY ELCEN, FEE & MASON OR KIN-LINE ARE ACCEPTABLE.

- ADJUSTABLE HANGERS WITH MINIMUM 3/8" RODS, UPPER ATTACHMENTS: B-LINE #B3690. PROVIDE SHIELDS AT INSULATED PIPING.

- TRAPEZE HANGERS: B-LINE #B22 WITH PIPE CLAMPS AND GUIDES AS REQUIRED.

- RISER CLAMPS: B-LINE #B3373.

- OFFSET PIPE CLAMPS: B-LINE #B3148.

- WATER PIPE ISOLATION: INCLUDE WITH HANGERS, 1/4" FELT OR APPROVED EQUIVALENT.

- ACCESS PANEL FOR VALVES: MILCOR PAINTED STEEL SIZE AS REQUIRED FOR EASY ACCESS MINIMUM SIZE 12" X 12".

PIPING INSULATION:

- DOMESTIC HOT WATER AND HOT PIPING: ENGINEERED POLYMER FOAM INSULATION (EPFI) 3/4" WALL 'IMCOA' OR EQUIVALENT.

- LAVATORY TRAPS AND H. W. SUPPLIES: PROWRAP, PROTECTIVE KIT BY MCCUIRE OR EQUIVALENT.

EXCAVATION AND BACKFILL:

- EXECUTE ALL EXCAVATION TO GRADES TO ACCOMMODATE ELEVATIONS INDICATED AND WHERE INVERT ELEVATIONS ARE NOT INDICATED, PROVIDE MINIMUM COVERAGE FOR ANY PIPING UNDER BUILDING SLAB (TOP OF PIPE TO UNDERSIDE OF SLAB) OF 18 INCHES.

- EXCAVATION FOR PIPE SHALL BE CUT A MINIMUM OF SIX INCHES BELOW THE REQUIRED GRADE. A SIX-INCH BED OF SAND OR OTHER APPROVED MATERIAL SHALL BE THEN PLACED AND PROPERLY COMPACTED TO PROVIDE AN ACCURATE GRADE AND UNIFORM BEARING THROUGHOUT THE LENGTH OF THE PIPE.

- SAND USED SHALL BE WASHED RIVER SAND NORMALLY USED FOR BACKFILL PURPOSES, FREE OF CLODS OR LUMPS OF CLAY, ROCK, DEBRIS, AND RUBBISH.

- BACKFILLING SHALL NOT BE PLACED UNTIL THE WORK HAS BEEN INSPECTED, TESTED, AND APPROVED.

- BACKFILL TO POINT 12 INCHES ABOVE TOP OF PIPING WITH FINE EARTH (EXCAVATED MATERIAL MAY BE USED IF EXCESSIVE AMOUNTS OF CLAY, DEBRIS, RUBBISH, ROCKS, OR CLODS, AS APPROVED BY THE ARCHITECT. BACKFILL ABOVE 12 INCHES FROM TOP OF PIPING MAY BE WITH EXCAVATED MATERIAL. APPLY BACKFILL BY HAND IN 6-INCH DEEP LAYERS THE FULL WIDTH OF THE TRENCH. MOISTEN EACH LAYER (DO NOT FLOOD OR PUDDLE), AND HAND TAMP TO MINIMUM 90 PERCENT COMPACTION BEFORE PROCEEDING WITH THE NEXT LAYER OF BACKFILL.

- CLODS OR LUMPS ONE INCH IN SIZE OR LARGER WILL NOT BE PERMITTED IN THE BACKFILL. IF THE EXCAVATED MATERIAL IS NOT SUITABLE, ADEQUATE MATERIAL SHALL BE PROVIDED BY HAULING IN FROM OTHER LOCATIONS.

- SURPLUS EARTH OR MATERIAL REMAINING AFTER BACKFILLING SHALL BE REMOVED FROM THE SITE AS INDICATED IN SECTION ENTITLED "EARTHWORK."
- DO NOT EXCAVATE UNDER OR NEAR FOUNDATIONS OR FOOTINGS EXCEPT IN MANNER PERMITTED AND APPROVED BY THE ARCHITECT. DO NOT BACKFILL UNTIL INSTALLED PIPING HAS BEEN SUCCESSFULLY TESTED AND APPROVED FOR BACKFILL BY THE JURISDICTIONAL INSPECTOR AND THE ARCHITECT.

- PROVIDE SLEEVES AT ALL PIPE PENETRATIONS OF FOOTING AND FOUNDATIONS.

EXECUTION (PLUMBING):

- SOIL, WASTE AND VENT PIPING IS TO BE ASSEMBLED, CONNECTED, AND SUPPORTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ENCASE BELOW GRADE SOIL, WASTE, AND VENT PIPING IN SAND, 6" ALL AROUND PIPE. WRAP PENETRATIONS OF CONCRETE SLAB WITH FOAMED PLASTIC SLEEVING MATERIAL. ALL SOIL, WASTE, AND VENT PIPING SHALL HAVE A SMOOTH AND UNIFORM INVERT, AND BACK-FILLED SO AS NOT TO DISTURB THE PIPE OR JOINTING.

- JOINTS IN COPPER TUBING SHALL BE MADE BY FIRST THOROUGHLY CLEANING THE SURFACE OF THE PIPE AND FITTINGS, APPLYING A COPPERIZED FLUX AND SWEAT WITH 95 – 5 TIN ANTIMONY SOLDER OR EQUIVALENT LEAD-FREE SOLDER.

- FLUSH OUT ALL WATER MAINS, CONDENSATE DRAINS, SANITARY, AND STORM PIPING WITH WATER SO AS TO OBTAIN FREE FLOW.

- ALL PIPING, EXCEPT WHERE NOTED OTHERWISE ON PLANS, SHALL BE CONCEALED IN WALLS OR ABOVE CEILINGS. COORDINATE PIPING LOCATION WITH DUCTWORK AND CONDUIT.

- BENDING OR FORCING OF PIPE IS NOT ALLOWED. USE FITTINGS FOR ALL OFFSETS OR CHANGES IN ALIGNMENT OF PIPING.

- CLEANOUTS SHALL BE ACCESSIBLE IN ALL CASES AND SHALL BE BROUGHT TO SURFACE ON "Y" BRANCHES. ALL CLEANOUTS SHALL BE PROVIDED WITH REMOVABLE FLOOR OR WALL PLATES.

- PIPING SHALL BE FIRMLY HELD IN PLACE BY ADJUSTABLE HANGERS, SUPPORTS, AND PIPE RESTS. ALL HANGERS AND SUPPORTS SHALL BE OF DESIGN WHICH WILL SUPPORT WEIGHT OF PIPE, FLUID, INSULATION, AND PREVENT SAGGING. MAKESHIFT DEVICES ARE NOT ACCEPTABLE. PLUMBER'S TAPE IS NOT APPROVED.

- PIPING SHALL BE ISOLATED FROM ALL DIRECT CONTACT WITH THE STRUCTURE BY THE USE OF MANUFACTURED HANGER ISOLATORS AND STUD ISOLATION DEVICES.

- INSTALL ALL FIXTURES AND EQUIPMENT PER MANUFACTURER'S ROUGH-IN AND INSTALLATION INSTRUCTIONS. INSTALL HANDICAPPED FIXTURES PER TITLE 24 AND A.D.A. REQUIREMENTS. PROVIDE 17 GAUGE CHROME PLATED P-T-RAPS, ANGLE STOPS AND FLEXIBLE RISERS, SUPPORT PLATES, ETC., AS REQUIRED.

- PROVIDE FIRE STOPPING AND SLEEVES FOR PIPING PENETRATIONS OF FIRE-RATED WALLS, FLOORS, AND CEILINGS. METHOD OF SLEEVING AND FIRE STOPPING SHALL BE APPROVED BY FIRE MARSHALL.

PLUMBING TEST AND ADJUSTMENTS:

- ALL WORK SHALL BE COMPLETELY INSTALLED, SANITIZED, AND TESTED AS REQUIRED BY LOCAL CODE AND THE STATE ORDINANCES AND STATE SAFETY ORDERS, AND SHALL BE LEAK-TIGHT BEFORE INSPECTION IS REQUESTED. ALL TESTS SHALL BE REPEATED UPON REQUEST TO THE SATISFACTION OF THOSE MAKING THE INSPECTION.

HVAC LEGEND

SYMBOL	DESCRIPTION	ABBREV.	SYMBOL	DESCRIPTION	ABBREV.	SYMBOL	DESCRIPTION	ABBREV.
	SUPPLY AIR DIFFUSER	SA		RECTANGULAR DUCT	-		VOLUME DAMPER	VD
	RETURN AIR GRILLE	RA		LINED RECTANGULAR DUCT	-		FIRE DAMPER	FD
	EXHAUST AIR GRILLE	EA		RIGID ROUND DUCT	-		SMOKE DETECTOR	SD
	CEILING EXHAUST FAN	CEF		FLEXIBLE ROUND DUCT	-		FLEXIBLE CONNECTION	FC
	SIDEWALL GRILLE, REGISTER, OR LOUVER	-		POINT OF CONNECTION OR DISCONNECTION	POC/POD		THERMOSTAT SENSOR	-
	GRILLE, DIFFUSER, REGISTER, LOUVER TAG	-		DIAMETER	DIA		EQUIPMENT OR DUCTWORK TO BE REMOVED	-

HVAC ABBREVIATIONS

ABV	ABOVE	EDB	ENTERING DRY BULB	MER	MECHANICAL EQUIPMENT ROOM	SA	SUPPLY AIR
A/C	AIR CONDITIONING, CONDITIONER	EEF	ENERGY EFFICIENCY RATIO	MFR	MANUFACTURER	SP	STATIC PRESSURE
AD	ACCESS DOOR	ELC	ELECTRICAL	(N)	NEW	SEER	SEASONAL ENERGY EFFICIENCY RATIO
AFF	ABOVE FINISH FLOOR	ESP	EXTERNAL STATIC PRESSURE	N/A	NOT APPLICABLE	SHT	SHEET
ALUM	ALUMINUM	EWB	ENTERING WET BULB	NET	NET FREE AREA	SO	SQUARE
APD	AIR PRESSURE DROP	FA	FACE AREA	NIC	NOT IN CONTRACT	SSE	STEADY-STATE EFFICIENCY
ARCH	ARCHITECTURAL, ARCHITECT	FAU	FORCED AIR UNIT	NO	NUMBER	TA	TRANSFER AIR
BLOC	BUILDING	FC	FLEXIBLE CONNECTION	NOM	NOMINAL	TO	TO BE REMOVED
BTU	BRITISH THERMAL UNIT	FCU	FAN COIL UNIT	NTS	NOT TO SCALE	TEMP	TEMPERATURE
BTUH	BTU PER HOUR	FD	FIRE DAMPER	OA	OUTSIDE AIR	TYP	TYPICAL
CAP	CAPACITY	FLA	FULL LOAD AMPS	OA	OUTSIDE AIR INTAKE	UL	UNDERWRITER'S LABORATORIES
CFD	CEILING FIRE DAMPER	FSM	FEET PER MINUTE	OBD	OPPOSED BLADE DAMPER	UN	UNLESS OTHERWISE NOTED
CFM	CUBIC FEET PER MINUTE	FSD	COMBINATION FIRE/SMOKE DAMPER	OD	OUTSIDE DIAMETER	UP	UP THROUGH ROOF
CONN	CONNECTION	GA	U.S. GAUGE (OR GAGE)	OPER	OPERATING	UON	VOLUME DAMPER
CSE	CALIFORNIA SEASONAL EFFICIENCY	GA	GALLONS PER MINUTE	OSA	OFFICE OF STATE ARCHITECT	W	W/
CTE	CAP TO EXISTING	GC	GENERAL CONTRACTOR	PLMG	PLUMBING CONTRACTOR	W/O	WITHOUT
CU	CONDENSING UNIT	GM	GALVANIZED SHEET METAL	POC	POINT OF CONNECTION	WB	WET BULB
DET	DETAIL	HP	HORSEPOWER	POD	POINT OF DISCONNECTION	WG	WATER GAUGE
DIW	DIVISION	HR	HOUR, HOURS	PRESS	PRESSURE	WMS	WIRE MESH SCREEN
DN	DOWN	HVAC	HEATING, VENTILATING, AIR CONDITIONING	PSI	POUNDS PER SQUARE INCH	WT	WEIGHT
DWG	DRAWING	INS	INSIDE DIAMETER	RA	REVISION	WFB	WALL FIRE DAMPER
(E)	EXISTING	LBS	POUNDS	REV	REVISION	(X2)	TYPICAL OF 2
EA	EXHAUST AIR	KBH	BTU PER HOUR (THOUSANDS)	RND	ROUND		
EC	ELECTRICAL, CONTRACTOR	MC	MECHANICAL CONTRACTOR	RPM	REVOLUTIONS PER MINUTE		

PLUMBING LEGEND

SYMBOL	DESCRIPTION	ABB.	SYMBOL	DESCRIPTION	ABB.	SYMBOL	DESCRIPTION	ABB.
	SOIL, WASTE, OR SEWER	W		PIPE CONNECTION	-		POINT OF CONNECTION/DIS.	POC/POD
	GREASE WASTE	GW		CAPPED OR PLUGGED PIPE	-		FIXTURE GAS SUPPLY	-
	STORM/OVERFLOW DRAIN	SD/OD		PIPE OR EQUIP. T.B.R.	-		WATER HAMMER ARRESTOR	WHA
	VENT	V		HOSE BIB	HB		GATE VALVE	-
	CONDENSATE DRAIN	COND		RECESSED HOSE BIB	RHB		BALL VALVE	-
	COLD WATER	CW		FIRE RISER	-		GLOBE VALVE	-
	COLD WATER TRAP PRIMER	-		FIRE DEPARTMENT CONNECTION	FDC		GAS COCK	-
	HOT WATER SUPPLY	HW		FLOOR CLEAN OUT	FCO		CHECK VALVE	-
	HOT WATER RECIRCULATION	HWR		CLEAN OUT TO GRADE	COTG		DOUBLE CHECK VALVE	-
	GAS LINE	G		WALL CLEAN OUT	WCO		VALVE IN RISER	-
	PIPE UP	-		FLOOR SINK	-		AUTOMATIC AIR VENT	AAV
	PIPE DOWN	-		FLOOR DRAIN	-		VALVE IN YARD BOX	-

PLUMBING ABBREVIATIONS

AA	AREA ALARM	ESH	EMERGENCY SHOWER	LBS	POUNDS	SOV	SHUT OFF VALVE
ABV	ABOVE	EW	ELECTRIC WATER COOLER	MBTUH	BTU PER HOUR (THOUSANDS)	TA	TEMPERATURE
ADA	AMERICAN DISABILITIES ACT	EXP	EXPOSED	MFR	MANUFACTURE, MANUFACTURER	TV	ALARM THERMAL TEMPERATURE
ARCH	ARCHITECTURAL, ARCHITECT	FD	FLOOR DRAIN	NI	MANHOLE	TV	THERMOSTATIC EXPANSION VALVE
B	BATHTUB	FF	FINISH FLOOR	(N)	NEW	TYP	TYPICAL
BEH	BEHIND	FG	FINISH GRADE	NTS	NOT IN CONTRACT	UN	UNLESS OTHERWISE NOTED
BEL	BELOW	FS	FLOOR SINK	NOT	NOT TO SCALE	UP	UP THROUGH ROOF
BLOC	BUILDING	FT	FLUSH TANK OR FEET	P	PUMP	UON	VOLUME DAMPER
CD	CONDENSATE DRAIN	FU	FLUSH VALVE	PH	PHASE	UTR	VACUUM SWITCH
CFH	CUBIC FEET PER HOUR	PV	POST INDICATOR VALVE	PSI	POUNDS PER SQUARE INCH	VTR	VENT THROUGH ROOF
CI	CAST IRON	RD	ROOF DRAIN	RD	ROOF DRAIN	VS	VACUUM SWITCH
CLG	CEILING	GO	GAS OUTLET	RH	ROUGH IN AND CONNECT	WC	WATER CLOSET
CP	CHROME PLATED	GPM	GALLONS PER MINUTE	RHC	ROUGH IN AND CONNECT	WCH	WATER CHILLER
DCW	DOMESTIC COLD WATER	HB	HOSE BIBB	RPM	REVOLUTIONS PER MINUTE	WH	WATER HEATER
DF	DRINKING FOUNTAIN	HP	HORSEPOWER	RND	ROUND	WT	WEIGHT
DN	DOWN	INS	INSIDE DIAMETER	S	SINK	W/O	WITHOUT
(E)	EXISTING	L	LAVATORY	SD	STORM DRAIN	ZV	ZONE VALVE
ELC	ELECTRICAL	KW	KILOWATTS	SH	SHOWER		

PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

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DATES 03/07/11

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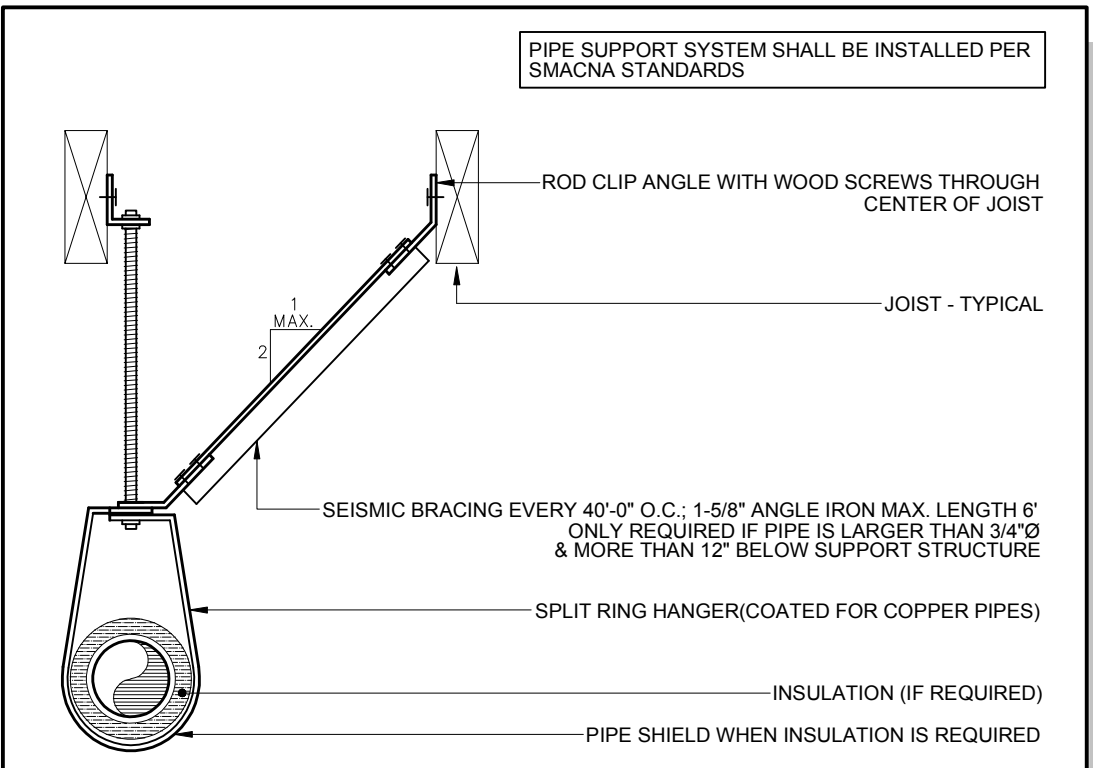
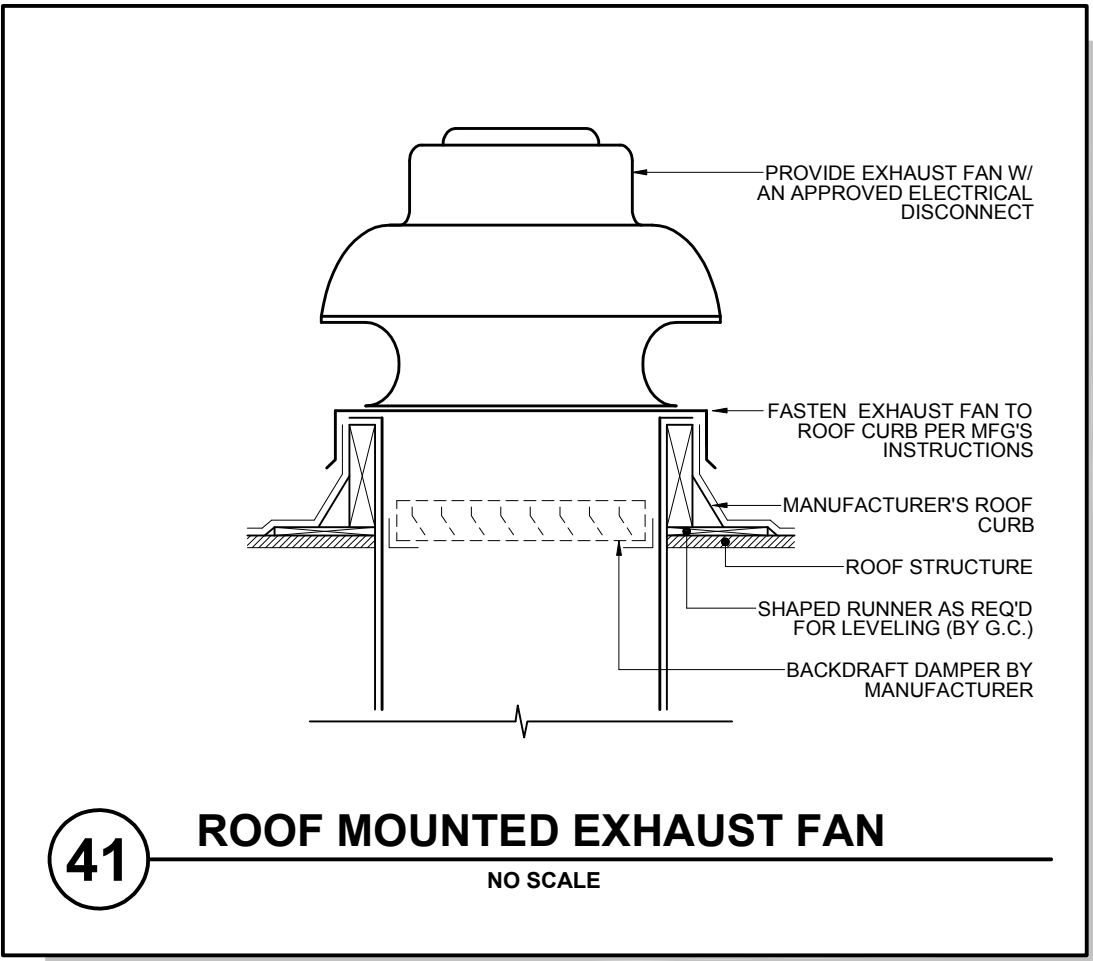
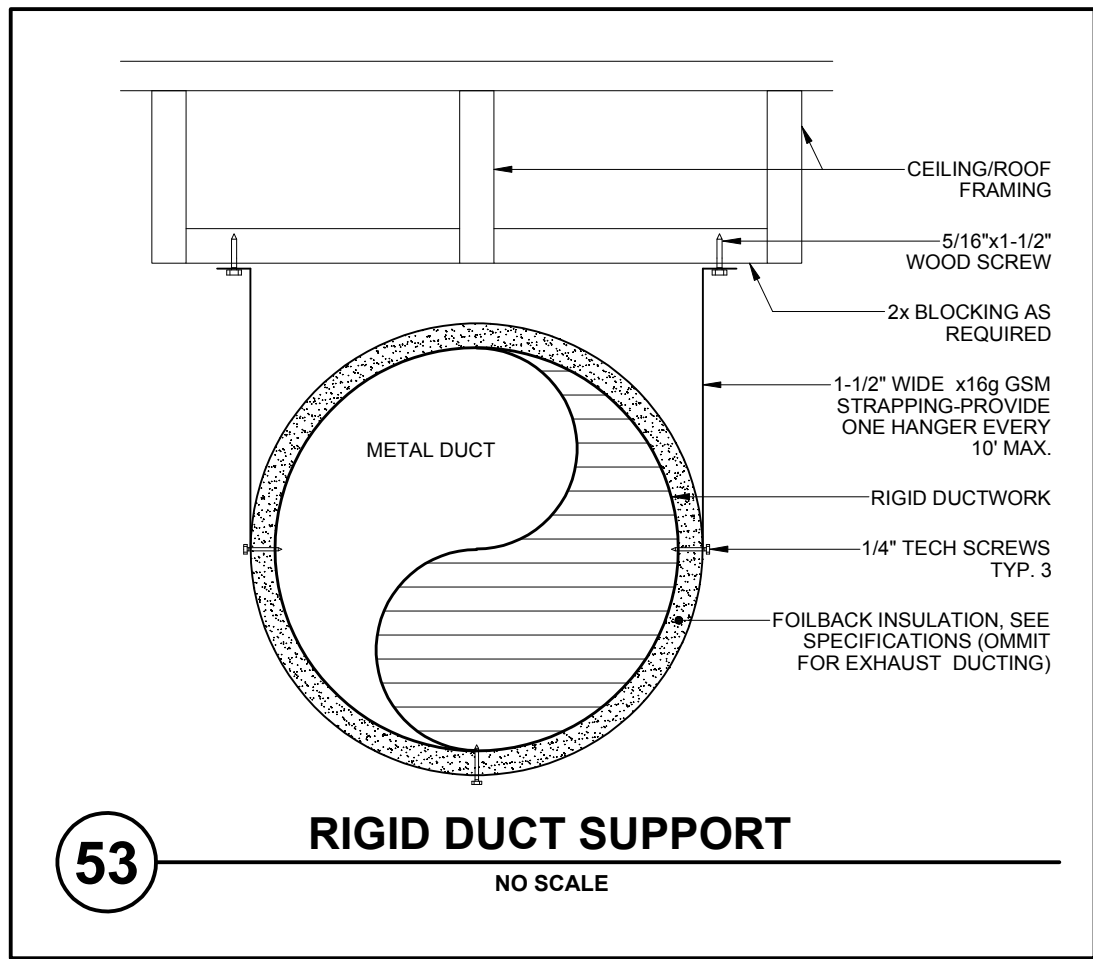
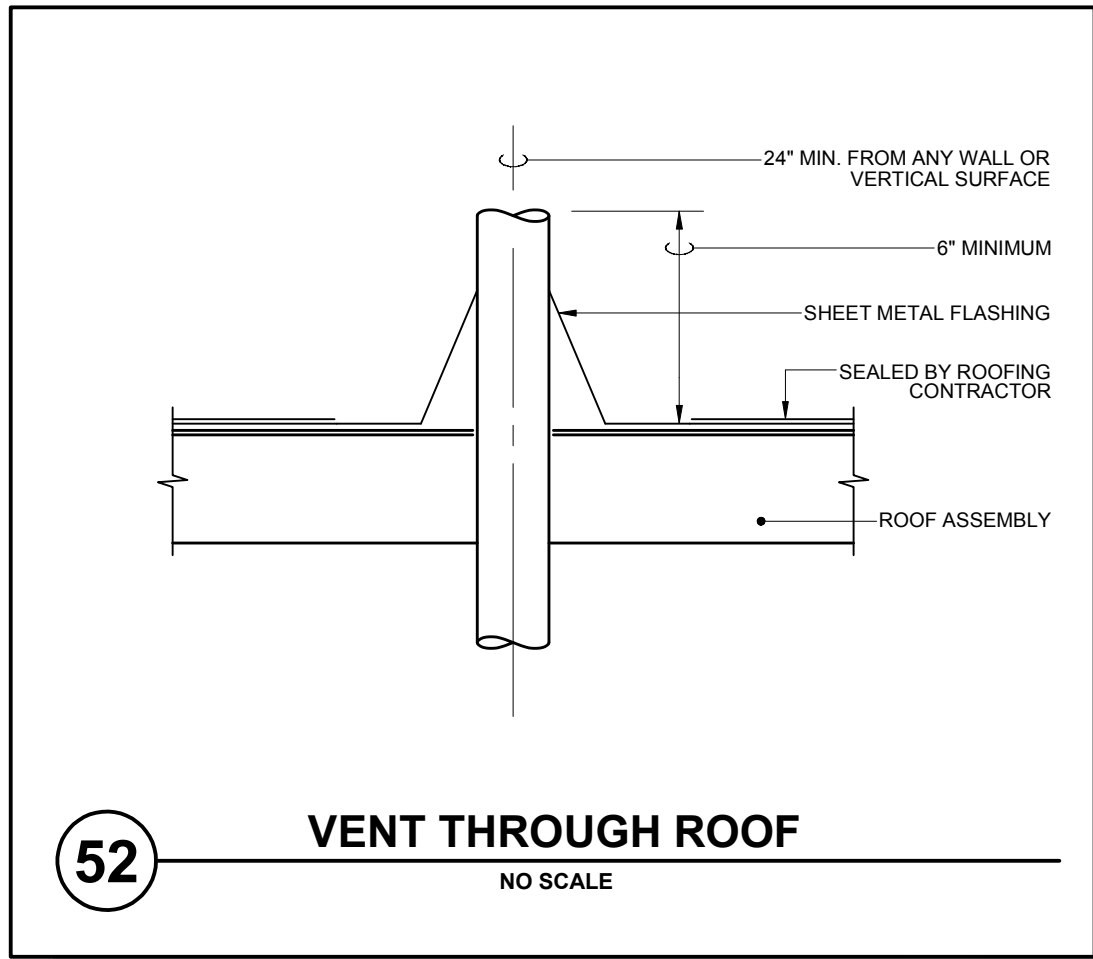
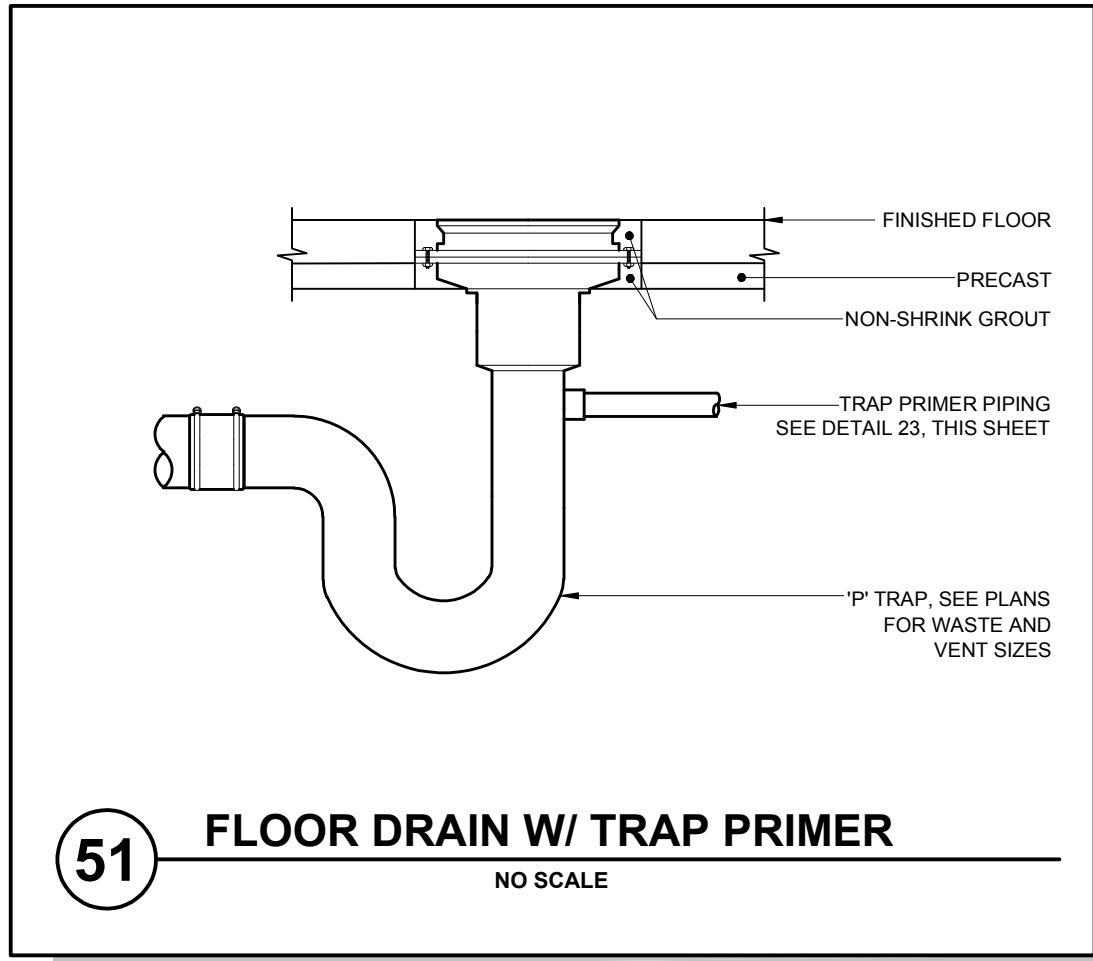
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SHEET TITLE

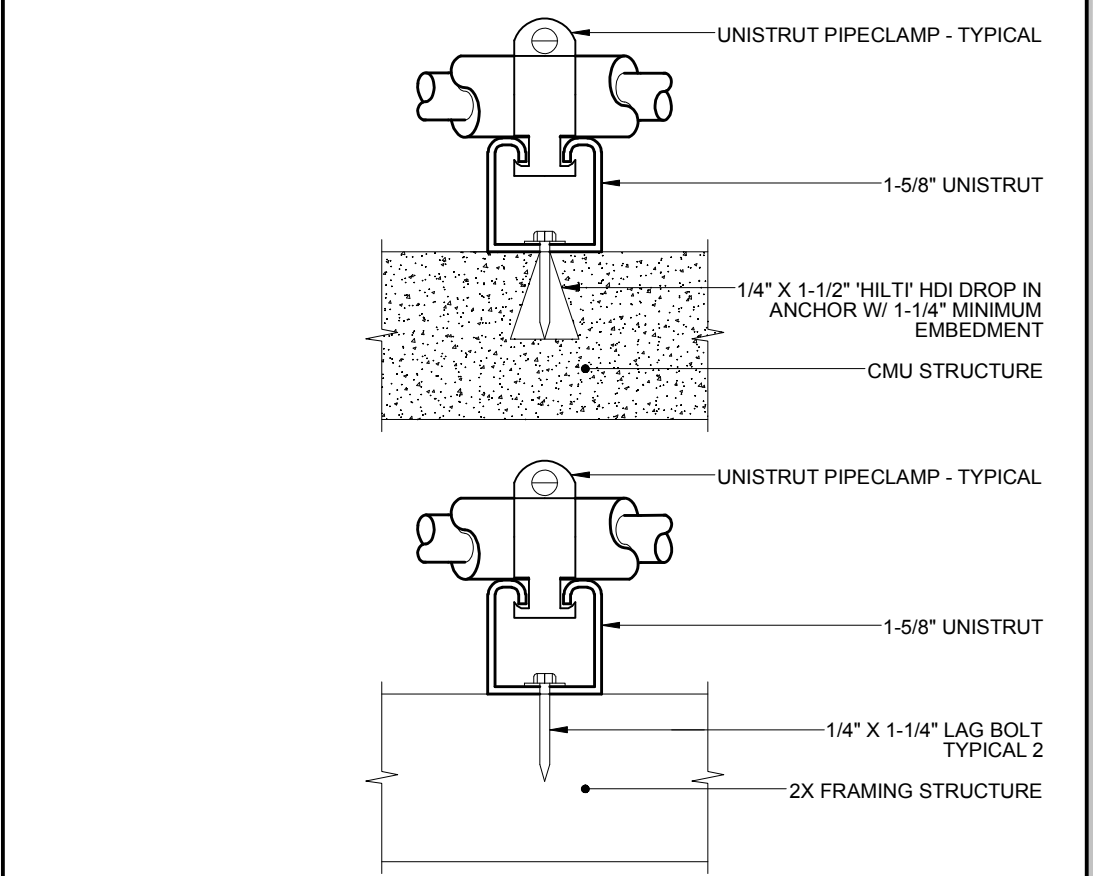
PHASE I  
GENERAL NOTES,  
LEGENDS,  
ABBREVIATIONS,  
& SPECIFICATIONS

SHEET #

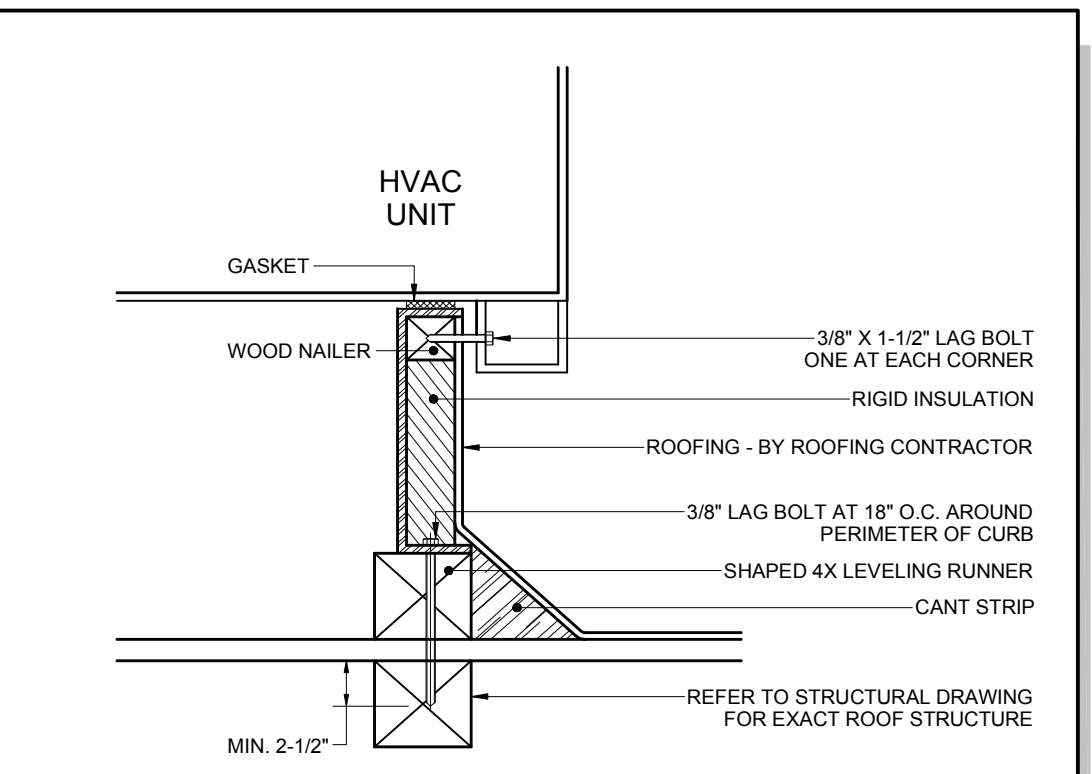
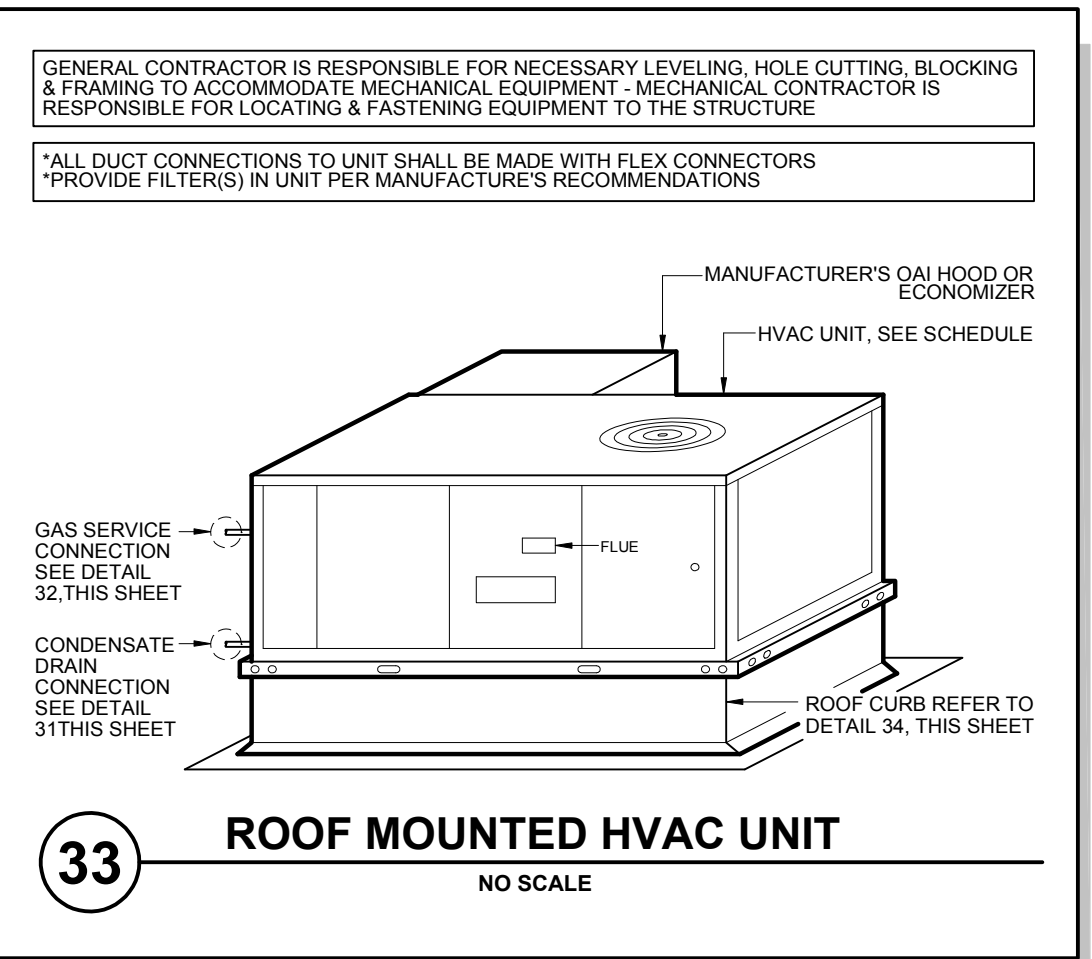
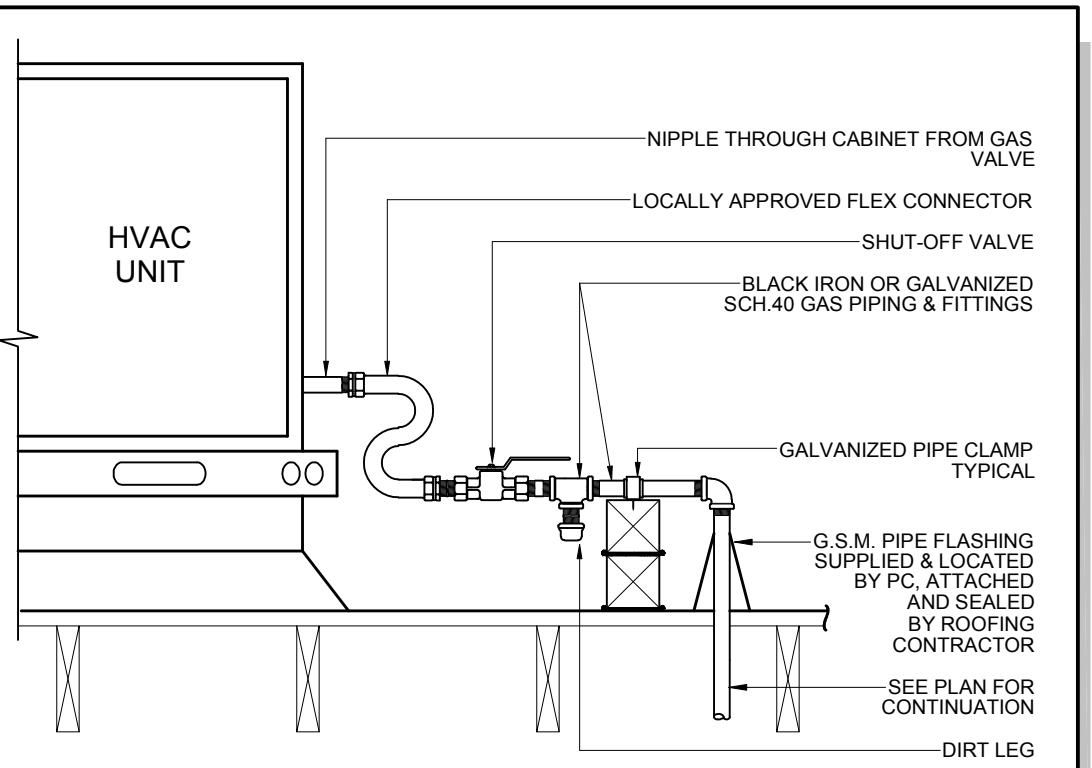
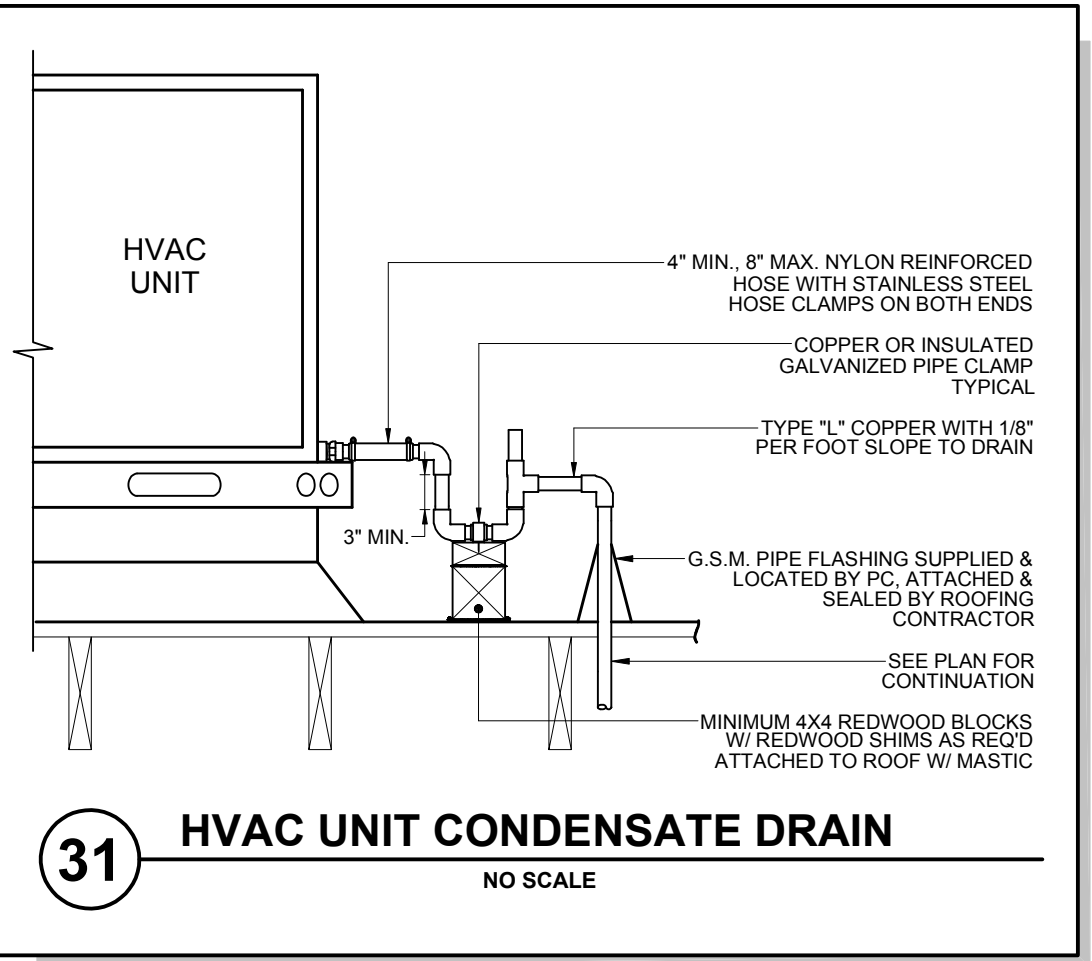
MP1.1



HANGER RODS - SIZE AND SPACING SCHEDULE					
MAXIMUM HANGER SPACING					
WATER AND WASTE					NATURAL GAS
PIPE SIZE	MIN. HANGER ROD SIZE	COPPER	STEEL SCH. 40	CAST IRON STD.	PLASTIC DWV/SCH. 40
1/2"	1/4"	6 FT.	6 FT.	-	4 FT.
3/4"	1/4"	6 FT.	8 FT.	-	4 FT.
1"	1/4"	6 FT.	8 FT.	-	4 FT.
1-1/4"	3/8"	6 FT.	10 FT.	-	4 FT.
1-1/2"	3/8"	6 FT.	10 FT.	-	4 FT.
2"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.
2-1/2"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.
3"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.
4"	1/2"	10 FT.	10 FT.	10 FT.	4 FT.



SIZE AND SPACING SCHEDULE				
MAXIMUM HANGER SPACING				
WATER, WASTE, AND VENT				NATURAL GAS
PIPE SIZE	COPPER	PLASTIC DWV/SCH. 40	SCH. 40 IRON	
1/2"	6 FT.	4 FT.	6 FT.	
3/4"	6 FT.	4 FT.	8 FT.	
1"	6 FT.	4 FT.	8 FT.	
1-1/4"	6 FT.	4 FT.	10 FT.	
1-1/2"	6 FT.	4 FT.	10 FT.	
2"	10 FT.	4 FT.	10 FT.	
2-1/2"	10 FT.	4 FT.	10 FT.	
3"	10 FT.	4 FT.	10 FT.	
4"	10 FT.	4 FT.	10 FT.	

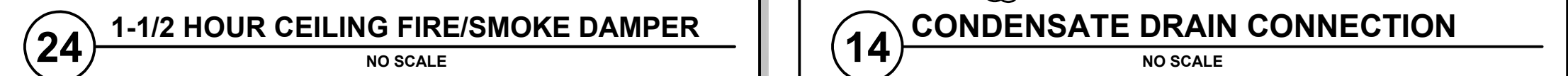
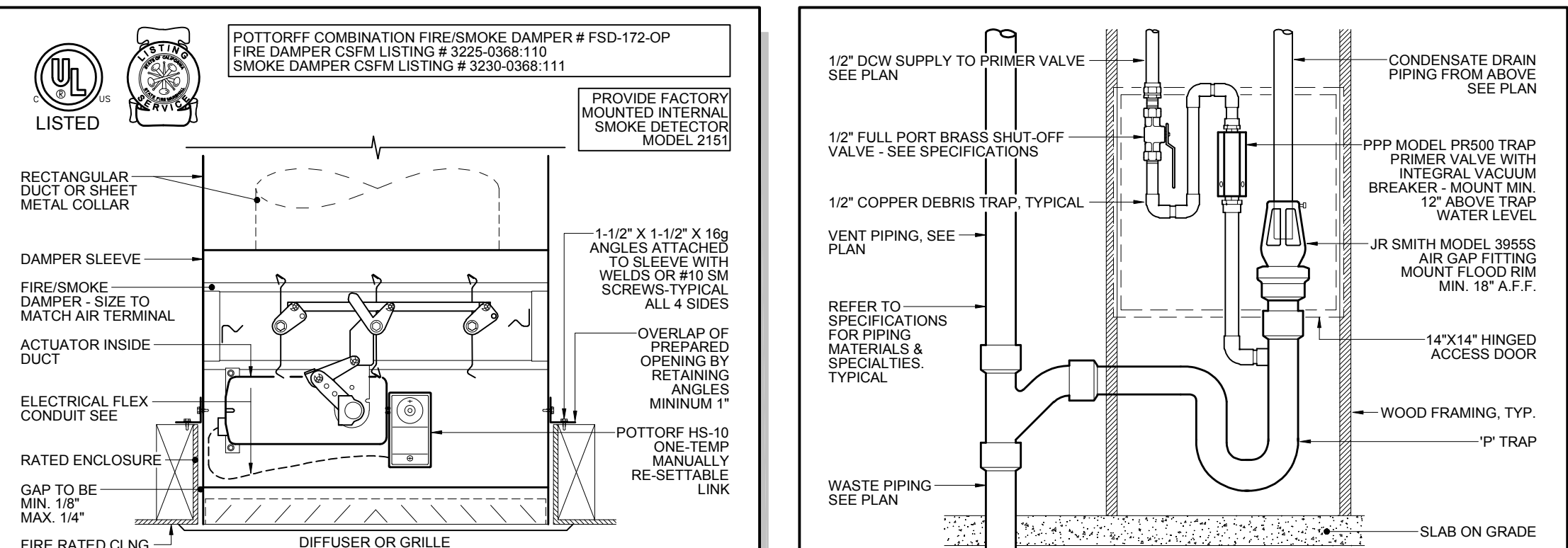
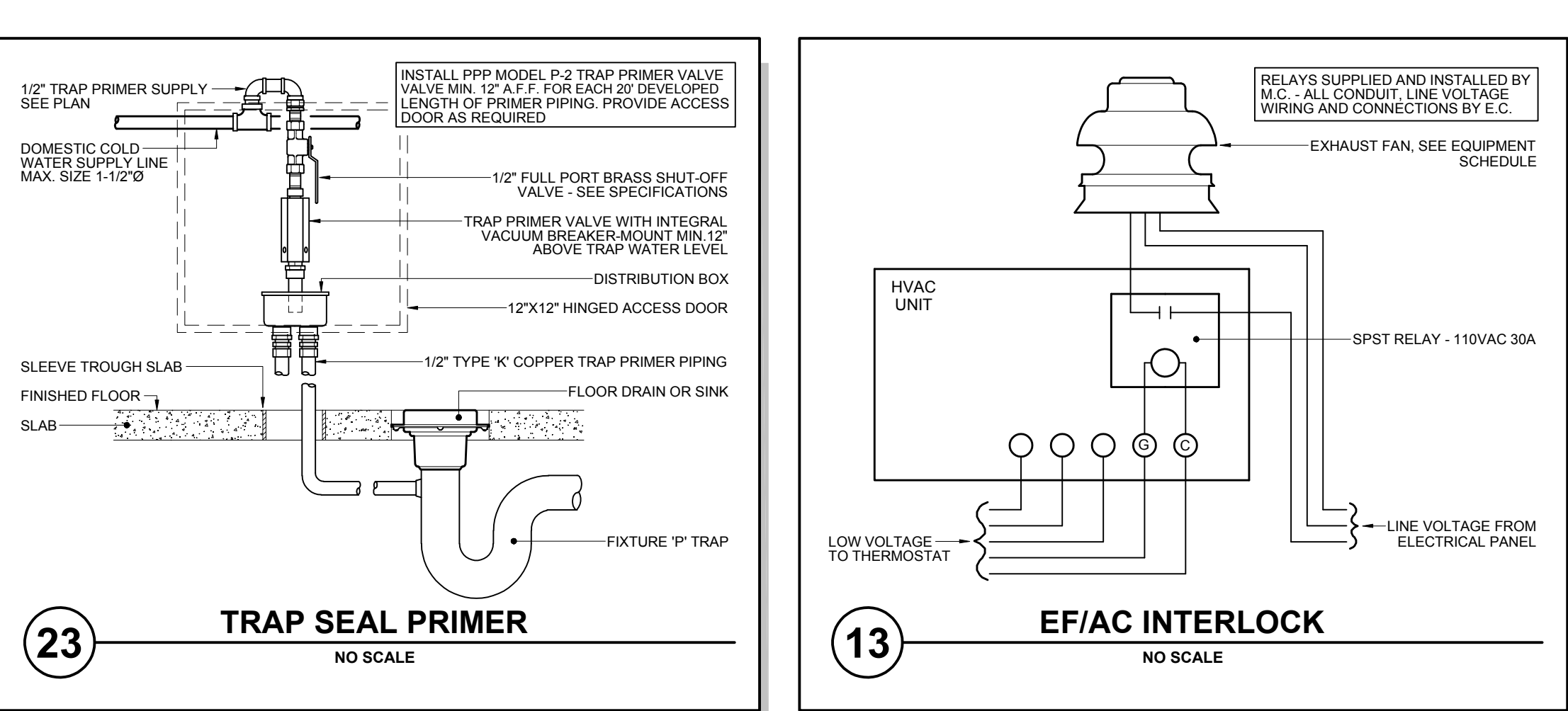


PACKAGED HVAC UNIT SCHEDULE													
SYMBOL	MFG	MODEL	COOLING CAPACITY (BTUH)	SEER	EER	POWER	MCA (AMPS)	MOC (AMPS)	CFM	OAI CFM	E.S.P. "W.C.	ID BLOWER MOTOR HP	GAS INPUT (BTUH)
AC-1	YORK	ZF048N06	47,500	13.0	11.0	208/230-3-60	29.9	40	1200	510	0.6	1.0 BELT	75,000

EXHAUST FAN SCHEDULE													
SYMBOL	MFG	MODEL	STYLE	LOCATION	POWER	DRIVE	CFM	E.S.P. "W.C.	HP	BHP	RLA	FRPM	WEIGHT (LBS)
EF-1	GREENHECK	GB-081	DOME	ROOF	115/120-1-60	BELT	510	0.75	1/6	0.14	-	1,548	50

AIR TERMINAL SCHEDULE										LEGEND		
SYMBOL	MFG	MODEL	NECK SIZE	BORDER	CONST.	FINISH	OBD	NOTES		MOUNTING LOCATION	FUNCTION	DEVICE
CSD-1	TITUS	SG-PR	10"x10"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2		C CEILING	E EXHAUST	D DIFFUSER
CSD-2	TITUS	MCD	12"x12"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	2		D DUCT	R RETURN	G GRILLE
WSD-1	TITUS	TBF-AA	12"Ø-2NØZ	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1		Dr DOOR	S SUPPLY	R REGISTER
CRG-1	TITUS	350RL	12"x18"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1		W WALL	I INTAKE	L LOUVER
CEG-1	TITUS	SG-PR	10"x10"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1		F FLOOR	V VENTILATION	S SLOT

PLUMBING FIXTURE SCHEDULE									
SYMBOL	MAKE & MODEL	DESCRIPTION	ROUGH IN SIZES				FITTINGS OR ACC.	NOTES	
			HW	CW	W	V			
WC-1	ACORN #1418-FA-CT-2-BP-4 STAINLESS STEEL	FLOOR MOUNTED, VANDAL/SUICIDE RESISTANT COMBINATION WATER CLOSET/LAVATORY	1/2"	1-1/4"	3"	2"	PUSH BUTTON FLUSH VALVE BY OTHERS, AIR-TROL HW & CW LAVATORY VALVE, & SHOKTROL WATER HAMMER ARRESTOR	ALL APPLY	
FD-1	J.R. SMITH SERIES # 2005Y02-A05PB-U	5"Ø, CAST IRON FLOOR DRAIN WITH BRONZE STRAINER	-	1/2"	2"	1-1/2"	PROVIDE WITH 'PRECISION PRODUCTS' PRIME-RITE TRAP PRIMER EXPOSED MOUNT IN PLUMBING CHASE	-	
<b>NOTES:</b> 1. ALL FIXTURES DESIGNATED TO BE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES SHALL BE IN ACCORDANCE WITH THE "AMERICANS WITH DISABILITIES ACT OF 1990" FIXTURES AND THEIR INSTALLATION SHALL ALSO COMPLY WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) PUBLICATION A117.1 - "PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE" AND/OR GOVERNING CODE. 2. ALL PLUMBING FIXTURES, EQUIPMENT, TRIM, AND FITTINGS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES, INCLUDING BUT NOT LIMITED TO WATER AND ENERGY CONSERVATION CODES. THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTORS' BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH THE GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR THE COMPLYING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS AND CODES 3. SEE PLAN FOR TOILET ANGLE CONFIGURATION									



PROJECT

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MECHANICAL  
STATE OF CALIFORNIA

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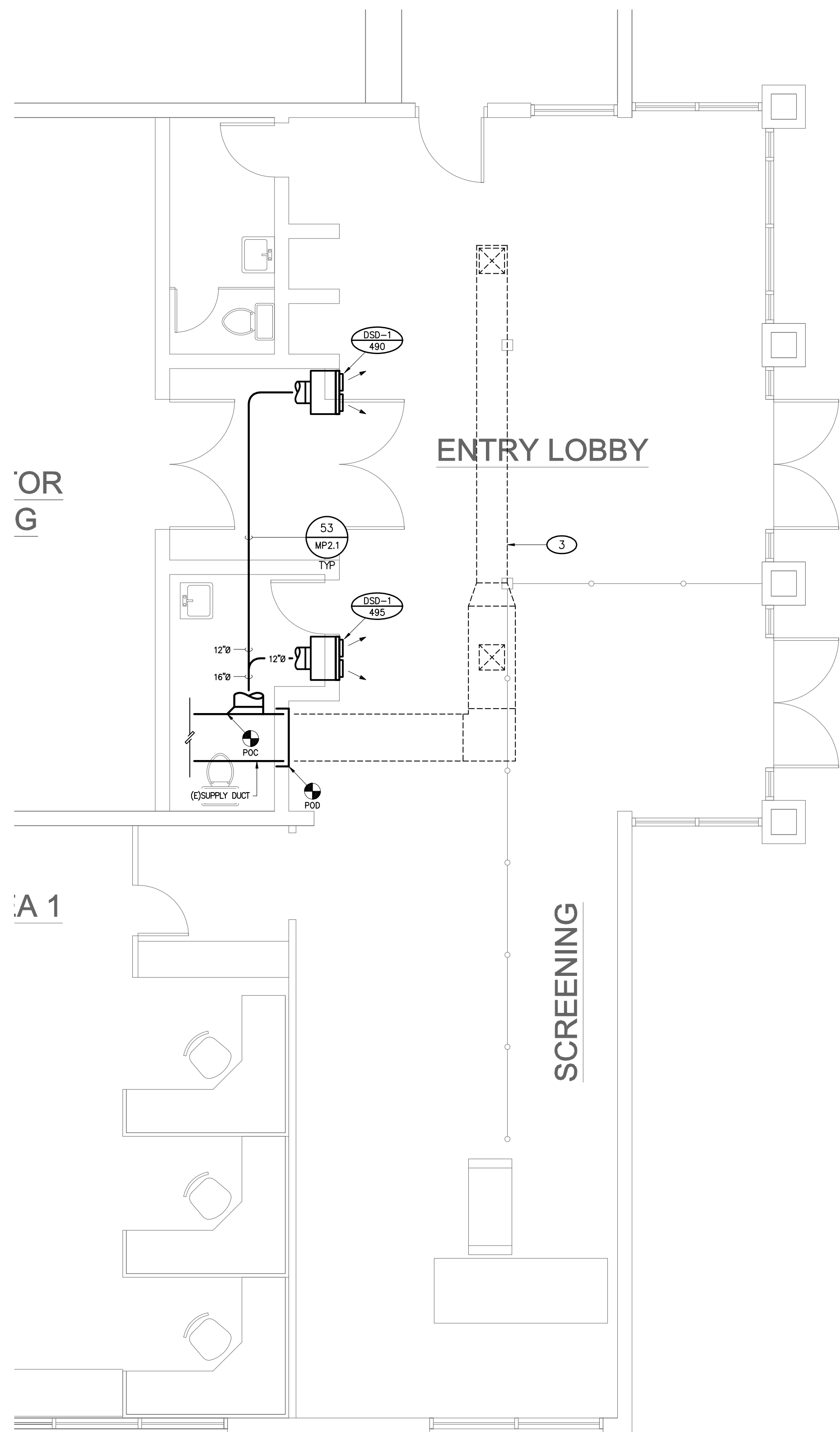
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SHEET TITLE

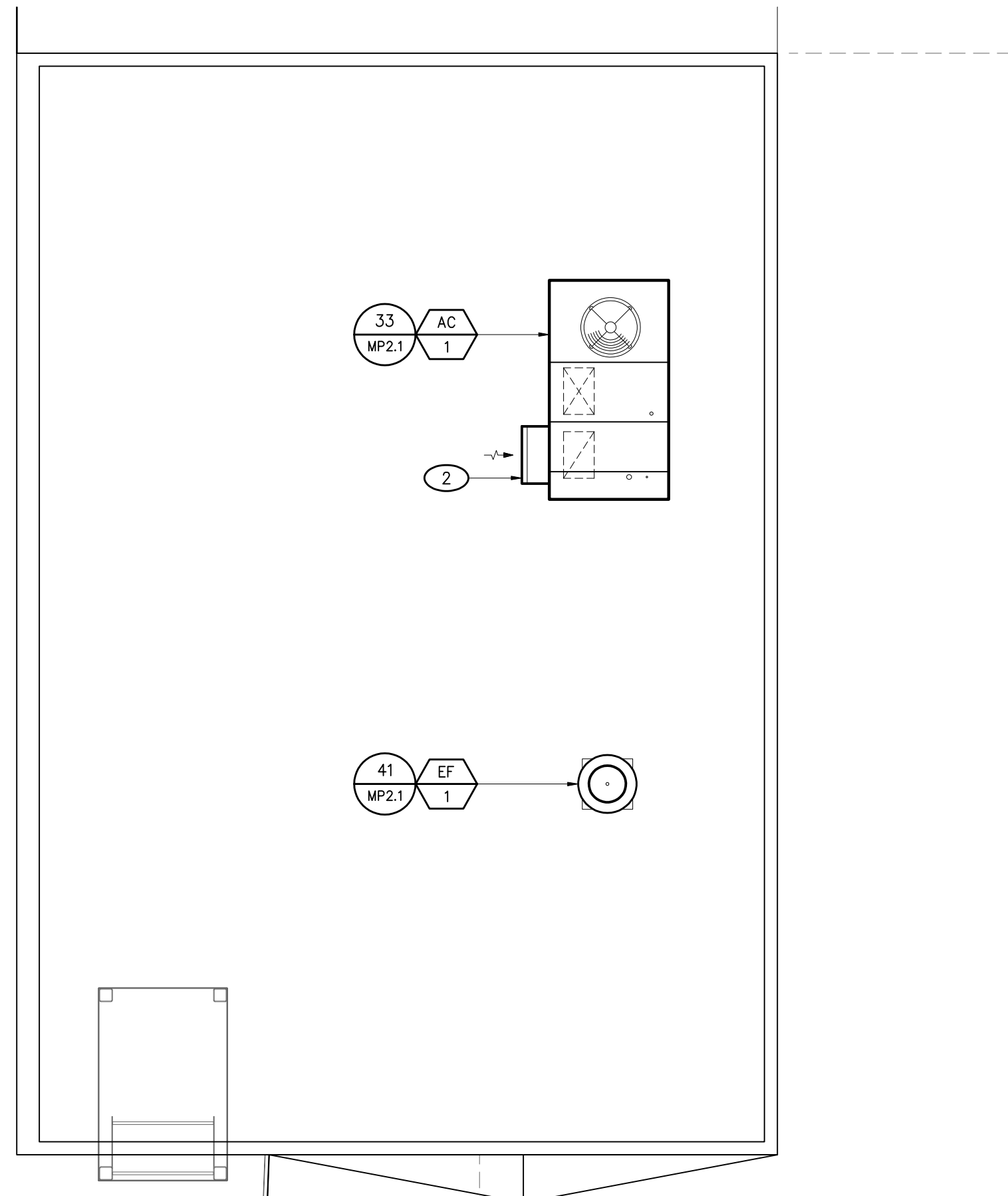
PHASE I  
SCHEDULES &  
DETAILS

SHEET #  
MP2.1

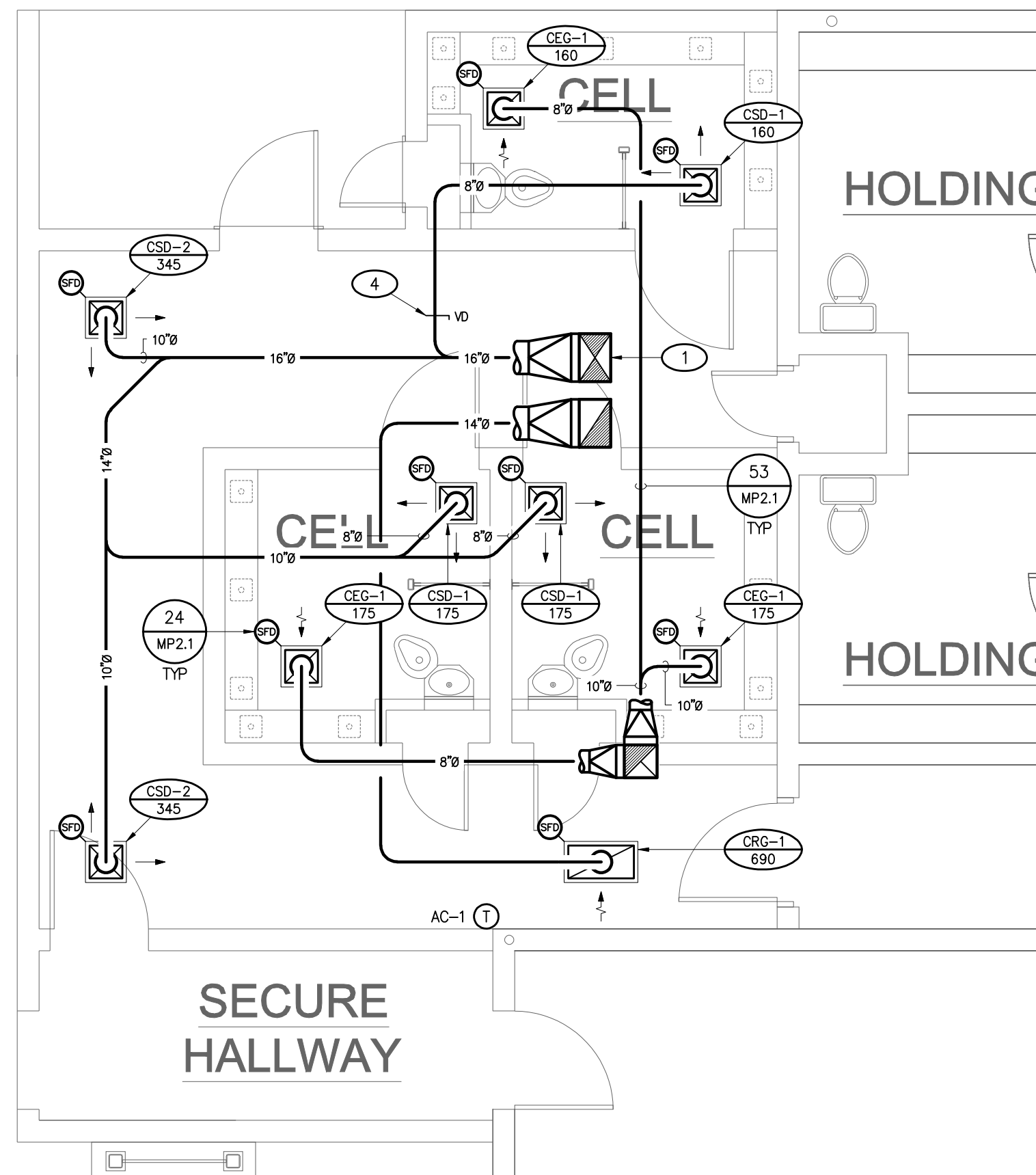




**PARTIAL FLOOR PLAN**  
1/4" = 1'-0"



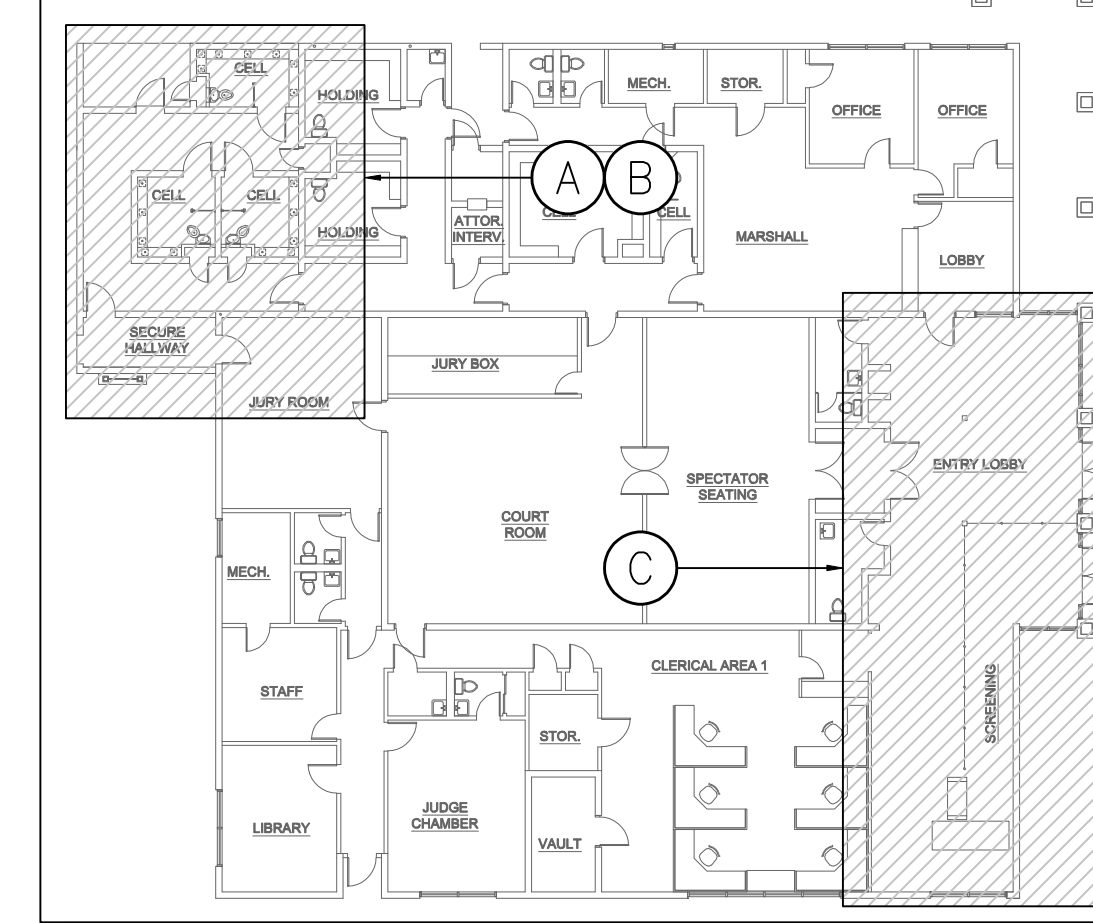
**PARTIAL ROOF PLAN**  
1/4" = 1'-0"



**PARTIAL FLOOR PLAN**  
1/4" = 1'-0"

**KEY PLAN - N.T.S.**

WORK LOCATED IN HATCHED AREA



**REFERENCE NOTES**

1. UNIT CONNECTION SIZE. PLENUM DROP. PROVIDE TURNING VANE WITH SQUARE TO ROUND ADAPTOR
2. OUTSIDE AIR INTAKE. REFER TO SCHEDULE FOR AIR FLOW RATE. MAINTAIN 10' CLEAR FROM ALL PLUMBING VENTS AND FLUES, & 3' CLEAR FROM ALL ENVIRONMENTAL AIR EXHAUST TERMINATIONS
3. EXISTING DUCTWORK & CEILING DIFFUSERS TO BE REMOVED. CAP EXISTING DUCT AT POINT OF DISCONNECT SHOWN. PATCH AND REFINISH CEILING AT REMOVED DIFFUSERS PER ARCHITECTURAL
4. VOLUME DAMPER. TYPICAL ALL BRANCH DUCTS, SUPPLY RETURN & EXHAUST

PROJECT

**SUPERIOR COURT  
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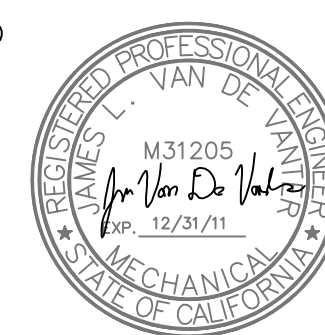
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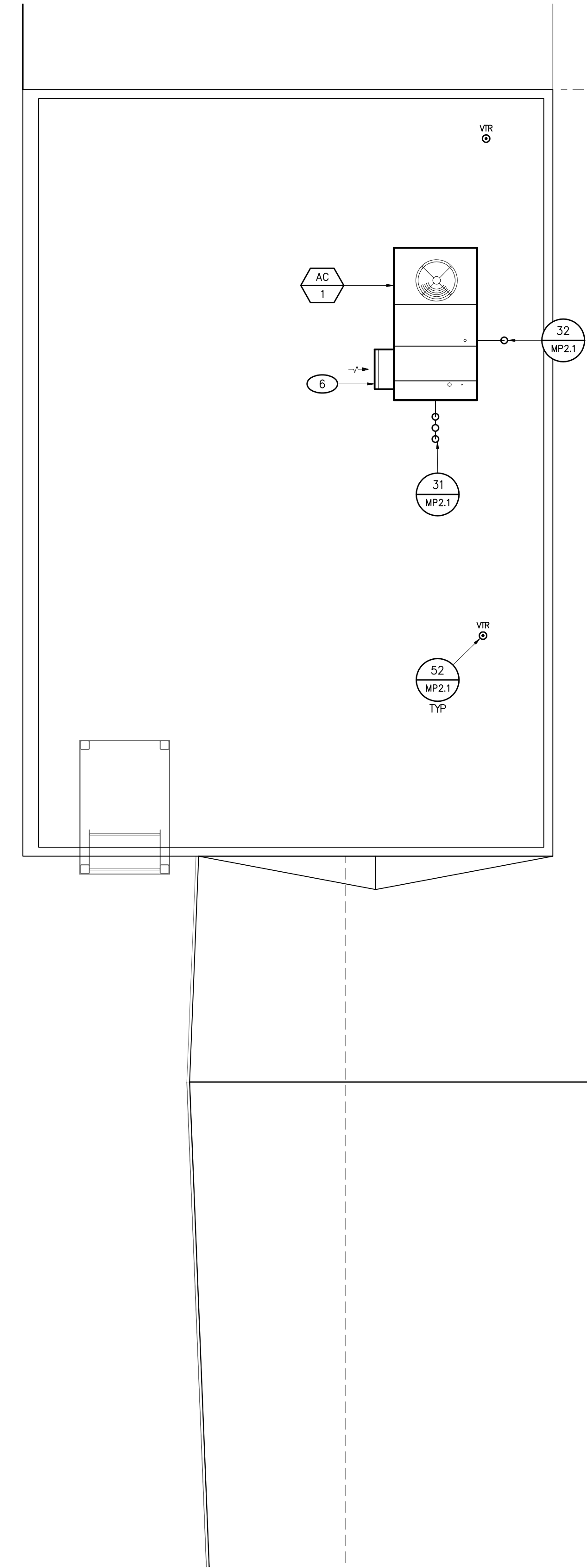
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**PHASE I  
MECHANICAL  
ROOF & FLOOR  
PLANS**

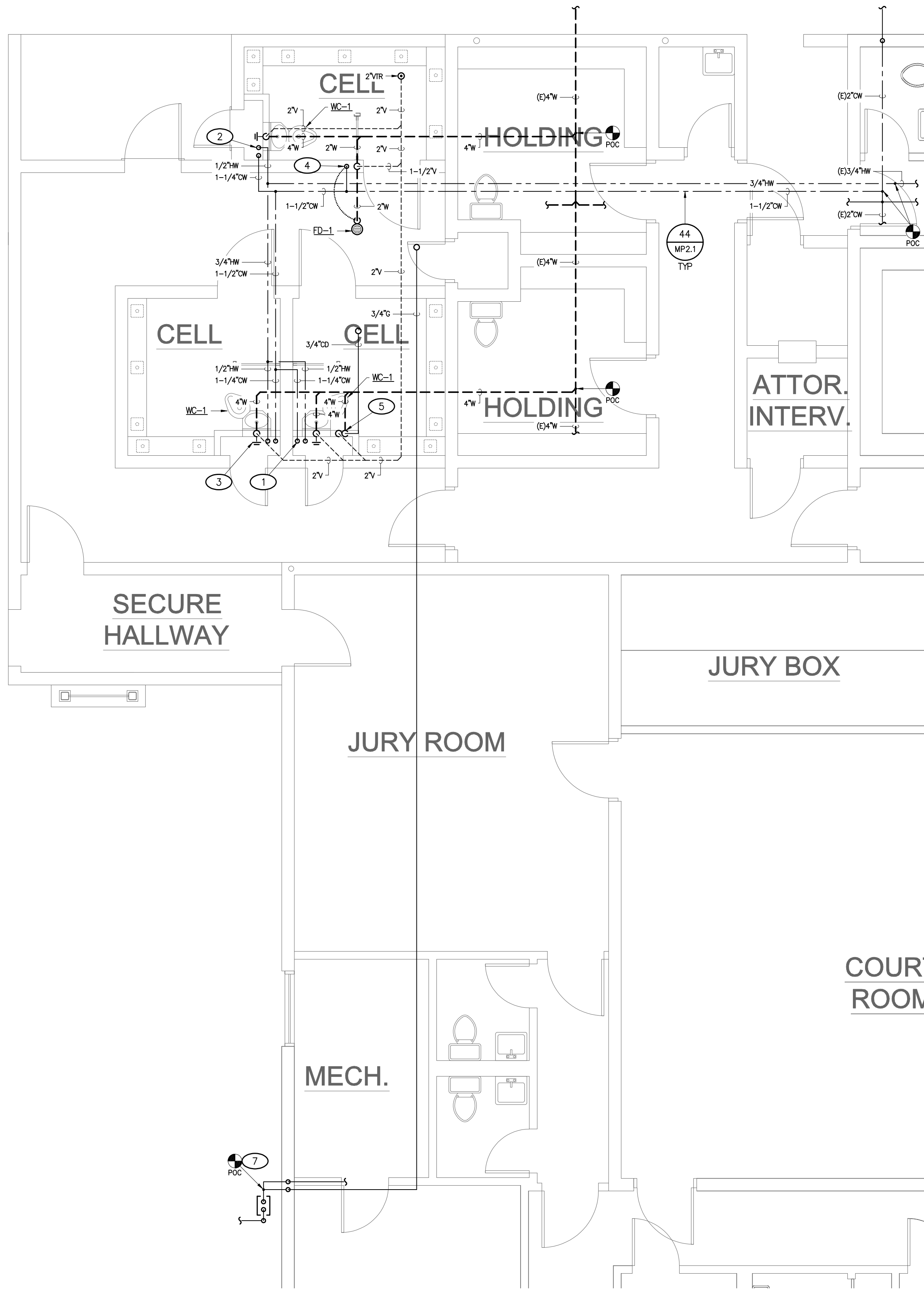
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**MP3.1**





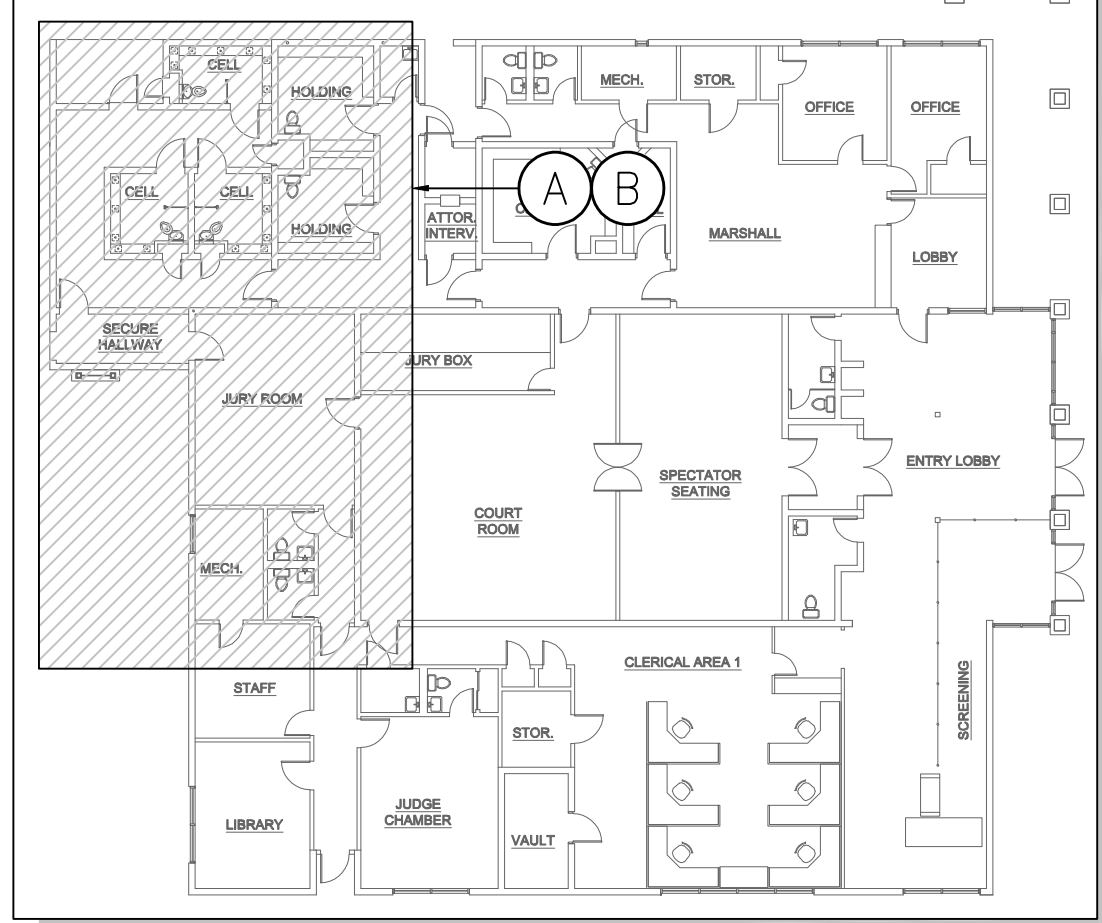
PLUMBING - PARTIAL ROOF PLAN  
1/4" = 1'-0"



PLUMBING - PARTIAL FLOOR PLAN  
1/4" = 1'-0"

KEY PLAN - N.T.S.

WORK LOCATED IN HATCHED AREA



UTILITY LINE SIZING

DOMESTIC WATER SERVICE

NEW WSFU	EXISTING WSFU	TOTAL WSFU	TOTAL GPM	FLUSH TANK/ FLUSH VALVE	METER SIZE	PIPE SIZE
15.0	76.0	91.0	65.0	VALVE	(E)2"	(E)2"

STREET PRESSURE	AVAILABLE PRESSURE	REQ'D RESIDUAL PSI AT FURTHEST FIXTURE	TOTAL DEVEL'D LENGTH [D+(Dx0.25)]	ALLOWABLE FRICTION LOSS
60.0psi	51.0psi	20.0	315'	9.8psi/100'

MAXIMUM ALLOWABLE WSFU (TYPE 'L' COPPER)							
PIPE SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
COLD WATER (MAX. 8 FPS)	7	15	29	56	97	245	460
HOT WATER (MAX. 5 FPS)	3	8	18	28	45	115	241

SIZED PER APPENDIX 'A', 2007 CPC

GAS SERVICE

SPACE BTU	WATER BTU	OTHER BTU	TOTAL BTU	TOTAL CFH	FURTHEST DISTANCE FROM METER	PIPE SIZE
75,000	-	-	75,000	75.0	80'	3/4"

SIZED PER TABLE 12-7, 2007 CPC

SANITARY SEWER

NEW DFU	EXISTING DFU	TOTAL DFU	BUILDING SLOPE	PIPE SIZE
12.0	56.0	68.0	1/4" PER 1'-0"	(E)4"

SIZED PER TABLE 7-5, 2007 CPC

REFERENCE NOTES

- 1-1/4" CW DOWN PLUMBING CHASE. PROVIDE FULL PORT BRASS SOV & WATER HAMMER ARRESTOR, 1" TO COMBINATION WATER CLOSET LAVATORY UNIT, & 1/2" TRAP PRIMER TO FLOOR DRAIN 'P' TRAP WITH SHUTOFF VALVE AHEAD OF PRIMER VALVE & AN APPROVED AIR-GAP ON THE OUTLET SIDE OF THE TRAP PRIMER VALVE - TYPICAL
- 1/2" HW DOWN PLUMBING CHASE TO LAVATORY CONNECTION. PROVIDE FULL PORT BRASS SOV - TYPICAL
- 4" CLEANOUT ON EXPOSED WASTE PIPING
- 1/2" TRAP PRIMER TO FLOOR DRAIN 'P' TRAP - PROVIDE ACCESS PANEL & SHUTOFF VALVE AHEAD OF PRIMER VALVE & PROVIDE AN APPROVED AIR-GAP ON THE OUTLET SIDE OF THE TRAP PRIMER VALVE, REFER TO DETAILS 51 & 23, SHEET MP2.1 - TYPICAL
- 3/4" TYPE 'L' COPPER CONDENSATE PIPING TO AIR GAP FITTING. SLOPE MINIMUM 1/4" PER FOOT TOWARD OUTLET ON ANY HORIZONTAL SECTION OF PIPING. PROVIDE 1/2" TRAP PRIMER TO FITTING 'P' TRAP WITH ACCESS PANEL & SHUTOFF VALVE AHEAD OF PRIMER VALVE & PROVIDE AN APPROVED AIR-GAP ON THE OUTLET SIDE OF THE TRAP PRIMER VALVE, REFER TO DETAIL 14/MP2.1 - TYPICAL
- OUTSIDE AIR INTAKE. REFER TO SCHEDULE FOR AIR FLOW RATE. MAINTAIN 10' CLEAR FROM ALL PLUMBING VENTS AND FLUES, & 3' CLEAR FROM ALL ENVIRONMENTAL AIR EXHAUST TERMINATIONS
- RUN NEW DEDICATED GAS LINE BACK TO METER. POINT OF CONNECTION SHALL BE MADE IMMEDIATELY DOWN STREAM OF METER OUTLET. EXISTING GAS PIPING SYSTEM TO REMAIN UNCHANGED

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

**PHASE 1**

CLIENT JOB # JVA JOB #  
**M11014**

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DRAWN BY TDR

DATES 03/07/11  
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SHEET TITLE

**PHASE I  
PLUMBING  
ROOF & FLOOR  
PLANS**

SHEET #

**MP4.1**

1. CODE COMPLIANCE: ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH CODES, STANDARDS, AND ORDINANCES AS SET FORTH BY THE AUTHORITIES HAVING JURISDICTION AND THEIR LATEST ADOPTED EDITIONS (IN EFFECT AT TIME OF BUILDING PERMIT APPLICATION) OF THE FOLLOWING PUBLICATIONS:

- A. CALIFORNIA CODE OF REGULATIONS TITLE 24; INCLUDES 2005 NATIONAL ELECTRICAL CODE AND 2006 INTERNATIONAL FIRE CODE, INTERNATIONAL BUILDING CODE, ETC. WITH CALIFORNIA AND OTHER LOCAL AMENDMENTS AS APPLICABLE.
- B. AMERICANS WITH DISABILITIES ACT (ADA).
- C. SAFETY: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EQUIPMENT IN A SAFE AND RESPONSIBLE MANNER. KEEP DEAD FRONT EQUIPMENT IN PLACE WHILE EQUIPMENT IS ENERGIZED. CONDUCT ALL CONSTRUCTION OPERATIONS IN A SAFE MANNER FOR EMPLOYEES AS WELL AS OTHER WORKPERSONS OR ANYONE VISITING THE JOB SITE. PROVIDE BARRIERS, FLAGS, TAPE, ETC. AS REQUIRED FOR SAFETY. THE CONTRACTOR SHALL HOLD ALL PARTIES HARMLESS OF NEGLIGENT SAFETY PRACTICES, WHICH MAY CAUSE INJURY TO OTHERS ON OR NEAR THE JOB SITE.
- D. FIRE RATED ASSEMBLIES SHALL MAINTAIN RATINGS AS SPECIFIED IN THE CALIFORNIA BUILDING CODE CHAPTER 7. CONTRACTOR SHALL PROVIDE AND INSTALL PHYSICAL ENCLOSURE AROUND FIXTURES, PANELS, ETC. AS REQUIRED. ALL ASSEMBLIES TO BE PENETRATED SHALL BE INSTALLED WITH APPLICABLE THROUGH-PENETRATION FIRESTOP SYSTEM AS DETERMINED BY UL CLASSIFICATION. BEFORE CONSTRUCTION, VERIFY AND COMPLY WITH REQUIREMENTS OF LOCAL AUTHORITY HAVING JURISDICTION. REFER TO ARCHITECTURAL PLANS FOR PENETRATION DETAILS.
- E. MOUNTING HEIGHTS IN INCHES TO CENTERLINE ABOVE FINISH FLOOR SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:

+18" AFF: RECEPTACLES, TELEPHONE, TV & DATA OUTLETS.  
+48" AFF: LIGHT SWITCHES.  
+48" AFF: FIRE ALARM MANUAL PULL STATIONS, T-STATS.  
THE LOWER OF +80" AFF OR 6" BELOW CEILING: FIRE ALARM  
VISUALS.

BEFORE ROUGH-IN, VERIFY ALL MOUNTING HEIGHTS AND EXACT LOCATIONS FOR ALL EQUIPMENT ELECTRICAL CONNECTIONS, STUB-UPS, RECEPTACLES, OUTLETS, ETC. WITH ARCHITECT OR OWNER. PLACE DEVICES LOCATED ABOVE COUNTERS, SHELVING, ETC. AND IN BATHROOMS SO AS NOT TO CONFLICT WITH EDGES OF WAINSCOTING, COUNTER SPLASH, SHELVING, ETC. ARCHITECTURAL SHEETS SHALL GOVERN.

5. LABEL PANELS, CABINETS, BACKBOARDS, MAIN DEVICES, SAFETY SWITCHES, CONTACTORS AND OTHER SPECIFICALLY DESIGNATED EQUIPMENT SHOWN ON PLANS. USE ENGRAVED LAMINATED PLASTIC NAMEPLATES ATTACHED BY SCREWS OR RIVETS. FOR FEEDERS, NEATLY AND INDELIBLY LABEL CONDUIT DESTINATIONS ON BOTH VISIBLE ENDS OF CONDUIT RUNS WHERE CONDUITS TERMINATE AT DESIGNATED ENCLOSURES, STRUCTURES OR EQUIPMENT (INCLUDING PULL AND SPICE BOXES).
6. EQUIPMENT ANCHORAGE NOTE  
ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE ANCHORED OR BRACED TO MEET THE HORIZONTAL AND VERTICAL FORCES PRESCRIBED IN THE 2007 CBC, SECTION 1614A.1.13 AND ASCE 7-05 SECTIONS 13.3, 13.4 & 13.6.

THE ATTACHMENT OF THE FOLLOWING ITEMS SHALL BE DESIGNED TO RESIST THE FORCES PRESCRIBED ABOVE, BUT NEED NOT BE DETAILED ON THE PLANS:

- A. EQUIPMENT WEIGHING LESS THAN 400 POUNDS SUPPORTED DIRECTLY ON THE FLOOR OR ROOF.  
B. FURNITURE REQUIRED TO BE ATTACHED IN ACCORDANCE WITH PART 2, TITLE 24, C.C.R..  
C. TEMPORARY OR MOVABLE EQUIPMENT.  
D. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS.  
E. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL/ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

## PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN ASCE 7-05 SECTION 13.3 AS DEFINED IN ASCE 7-05 SECTION 13.6.8, 13.6.7, AND 13.6.5.5, ITEM 6, RESPECTIVELY.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS WITH AN OPA#, SUCH AS MASON INDUSTRIES (OPA 349), OR ISAT (OPA 485) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.





















THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

## MECHANICAL SYSTEMS














1. MECHANICAL UNIT CONDUITS: TO PREVENT DAMAGE DUE TO VIBRATION, BOTH POWER AND CONTROL WIRING CONDUITS FEEDING EXTERIOR MECHANICAL UNITS SHALL BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR WITH LIQUID TIGHT FLEXIBLE TYPE AT FINAL CONNECTION TO UNIT AND BETWEEN ROOF JACK AND DISCONNECT SWITCH WHERE DISCONNECT IS MOUNTED ON UNIT.
2. EXHAUST FANS SHALL BE PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR WITH WIRING CONNECTIONS MADE BY ELECTRICAL CONTRACTOR.
3. MECHANICAL EQUIPMENT CONTROLS: MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOW VOLTAGE WIRE AND CONNECTIONS (BELOW 120 VOLT) TO AND FROM ALL MECHANICAL CONTROL DEVICES. ALL LOW VOLTAGE CONTROL WIRE SHALL BE IN CONDUIT, UNLESS OTHERWISE NOTED.
4. PULLROPS: ANY RACEWAY WITHOUT CABLE OR WIRE SHALL BE INSTALLED WITH MINIMUM 200 POUND TEST PULL LINE AND LARGER IF REQUIRED BY SERVING UTILITY COMPANY. ANY NEW OR EXISTING COMMUNICATION OR SIGNAL RACEWAY ROUTED BETWEEN BUILDINGS, SIGNAL CABINETS, AND/OR SIGNAL CLOSETS WITH FUTURE CAPACITY SHALL BE INSTALLED WITH MINIMUM 200 POUND TEST PULL LINE AS WELL AS THE CALLED FOR CABLE.

NOTE: INTERPRET IN CONTEXT







## LIGHT FIXTURES

	CEILING SURFACEMOUNT
	WALL SURFACEMOUNT
	PENDANT MOUNT
	RECESSED DOWNLIGHT
	RECESSED WALLWASH
	RECESSED FLOOR.
	SURFACE FLOOR.
	FLOOR, STRIP UON
	TRACK LIGHT
	DIRECTIONAL FLOOD
	EMERGENCY FIXTURE
	POLE LIGHT
	POLE LIGHT- DECORATIVE
	TANDEM-WIRED LAMPS
	BOLLARD
	EXIT LIGHT- WALL
	EXIT LIGHT- CEILING
	(ARROW INDICATES DIRECTION)
	LETTER ADJACENT INDICATES
	FIXTURE TYPE











## POWER/COMM.

	SINGLE RECEPT.
	DUPLEX RECEPT.
	"*" INDICATES TO MOUNT DEVICE ABOVE COUNTER PER ARCHITECTURAL
	DUPLEX— HALF SWITCHED
	DOUBLE DUPLEX
	SPECIAL CONFIGURATION
	DUPLEX— FLOOR OUTLET
	JUNCTION BOX
	TELEPHONE OUTLET
	DATA OUTLET
	PHONE/DATA COMBO OUTLET
	SAFETY DISCONNECT
	TELEVISION OUTLET

## MISCELLANEOUS

	MOTOR
	THERMOSTAT
	CIRCUIT BREAKER
	FUSIBLE SWITCH
	PHASE
	GROUND












CONDUIT/WIRE

— NEW  
 --- UNDERGROUND  
 NEW POWER HOMERUN  
 (3 HOTS & NEUT SHOWN)  
 ISOLATED GROUND  
 EXISTING TO REMAIN  
 (E) POWER HOMERUN  
 CONDUIT STUB (W/MARKER)  
 VERTICAL CONDUIT RUN  
 CONDUIT SEAL  
 FLEXIBLE CONNECTION  
 LOW VOLTAGE  
 SURFACEMOUNT RACEWAY

## SWITCHES

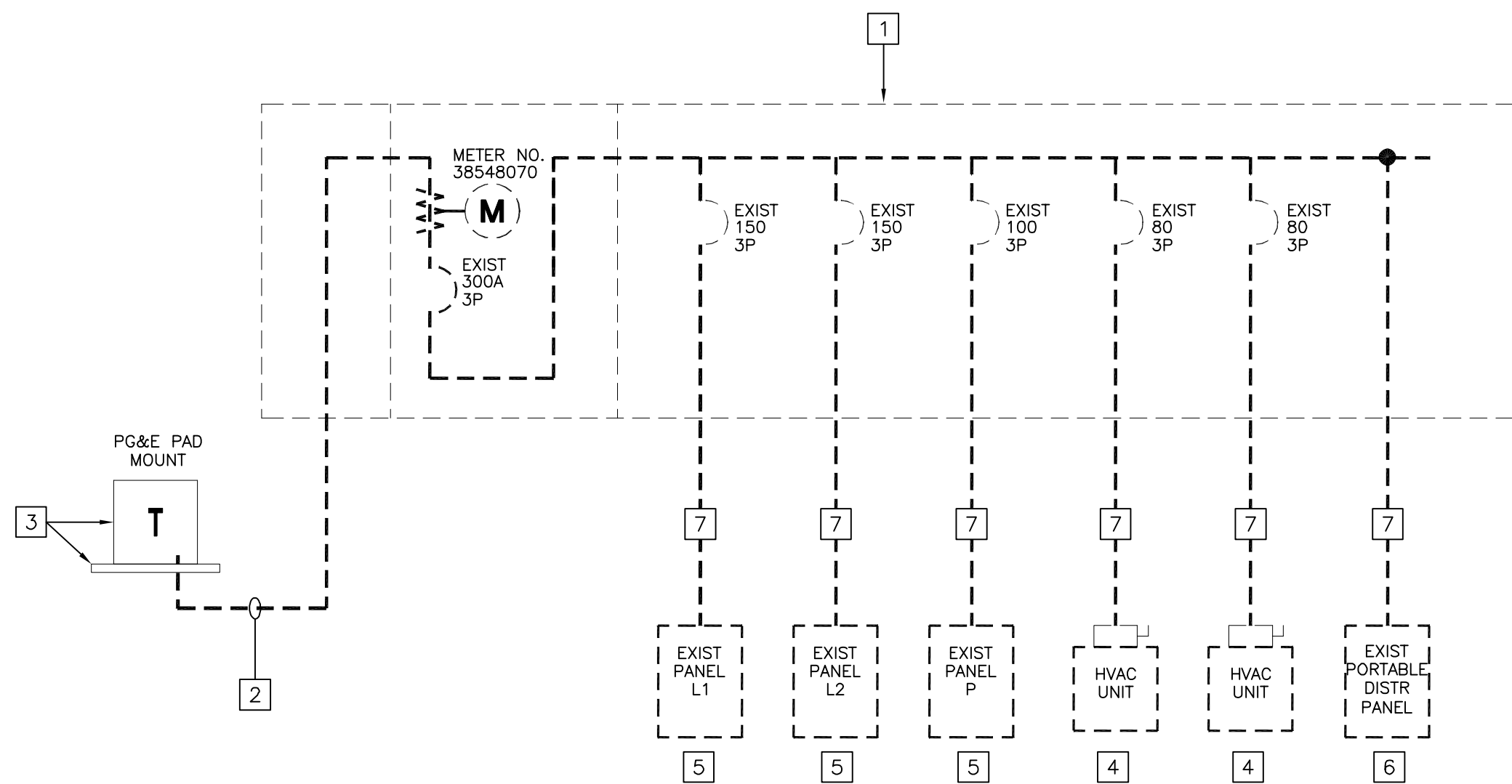
\$	SPST
\$2	DPST
\$3	3-WAY
\$4	4-WAY
\$D	DIMMER
\$	TIMER SWITCH
\$T	W/THERMAL OVERLOAD
\$P	W/PILOT LIGHT
\$K	KEY OPERATED
\$S	DUAL LEVEL SWITCHING
(a)	SWITCHLEG DESIGNATION
OS	OCCUPANCY SENSOR
OS <sub>PC</sub>	OCCUPANCY SENSOR WITH PHOTOSENSOR

FIRE ALARM

	HORN— AUDIBLE DEVICE
	VISUAL— VISUAL DEVICE
	AUDIBLE/VISUAL
	FLOW SWITCH
	TAMPER SWITCH
	MANUAL PULL STATION
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	HEAT DETECTOR
	BELL
	END OF LINE RESISTOR

## ABBREVIATIONS

AMPERE  
 AF AMP FUSE RATING  
 AFG ABOVE FINISH FLOOR  
 AFF ABOVE FINISH GRADE  
 AIS AMPERES INTERRUPT CAPACITY  
 AS AMP SWITCH RATING  
 BFG BELOW FINISH GRADE  
 CB CIRCUIT BREAKER  
 CEC CA. ELECTRICAL CODE  
 CKT CIRCUIT  
 C CONDUIT  
 (E) EXISTING  
 EC ELECTRICAL CONTRACTOR  
 EF-- EXHAUST FAN  
 (EXN) (E) IN (N) LOCATION  
 (EXR) (E) TO BE (R)  
 (F) FUTURE  
 FA FIRE ALARM  
 FACP FIRE ALARM CONTROL PANEL  
 G GROUNDING CONDUCTOR  
 GC GENERAL CONTRACTOR  
 GFI GROUND FAULT CKT INTERRUPTER  
 GND GROUND  
 GRS GALVANIZED RIGID STEEL  
 GWS GANGED WITH SWITCH  
 IG ISOLATED GROUND  
 LTG LIGHTING  
 MC MECHANICAL CONTRACTOR  
 MCB MAIN CIRCUIT BREAKER  
 MLO MAIN LUGS ONLY  
 MSB MAIN SWITCHBOARD  
 MTB MAIN TELEPHONE TERMINAL BOARD  
 (N) NEW  
 NIC NOT IN CONTRACT  
 NL NIGHT LIGHT  
 P POLE  
 (R) RELOCATE(D)  
 TBR TO BE REMOVED  
 TYP TYPICAL  
 UC UNDERCABINET  
 UG UNDERGROUND  
 UO UNLESS OTHERWISE NOTED  
 V VOLT  
 VA VOLT AMPERES  
 W WATT, WIRE  
 WP WEATHERPROOF (NEMA 3R)



1. EXISTING 400AMP SERVICE TO REMAIN.
2. EXISTING PG&E SECONDARY CONDUIT TO REMAIN.
3. EXISTING CONCRETE PAD / PG&E TRANSFORMER #1-610 TO REMAIN.
4. EXISTING HVAC UNITS, TO REMAIN.
5. EXISTING ELECTRICAL PANEL TO REMAIN.
6. EXISTING PORTABLE DISTRIBUTION PANEL REMAIN.
7. EXISTING FEEDER TO REMAIN.

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN**

---

**MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS**

---

**PHASE 1**

---

CLIENT JOB #                      ARCHITECT JOB #

1007

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REGISTERED PROFESSIONAL  
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DRAWN BY LB

DATES 02/22/11 50% REVIEW

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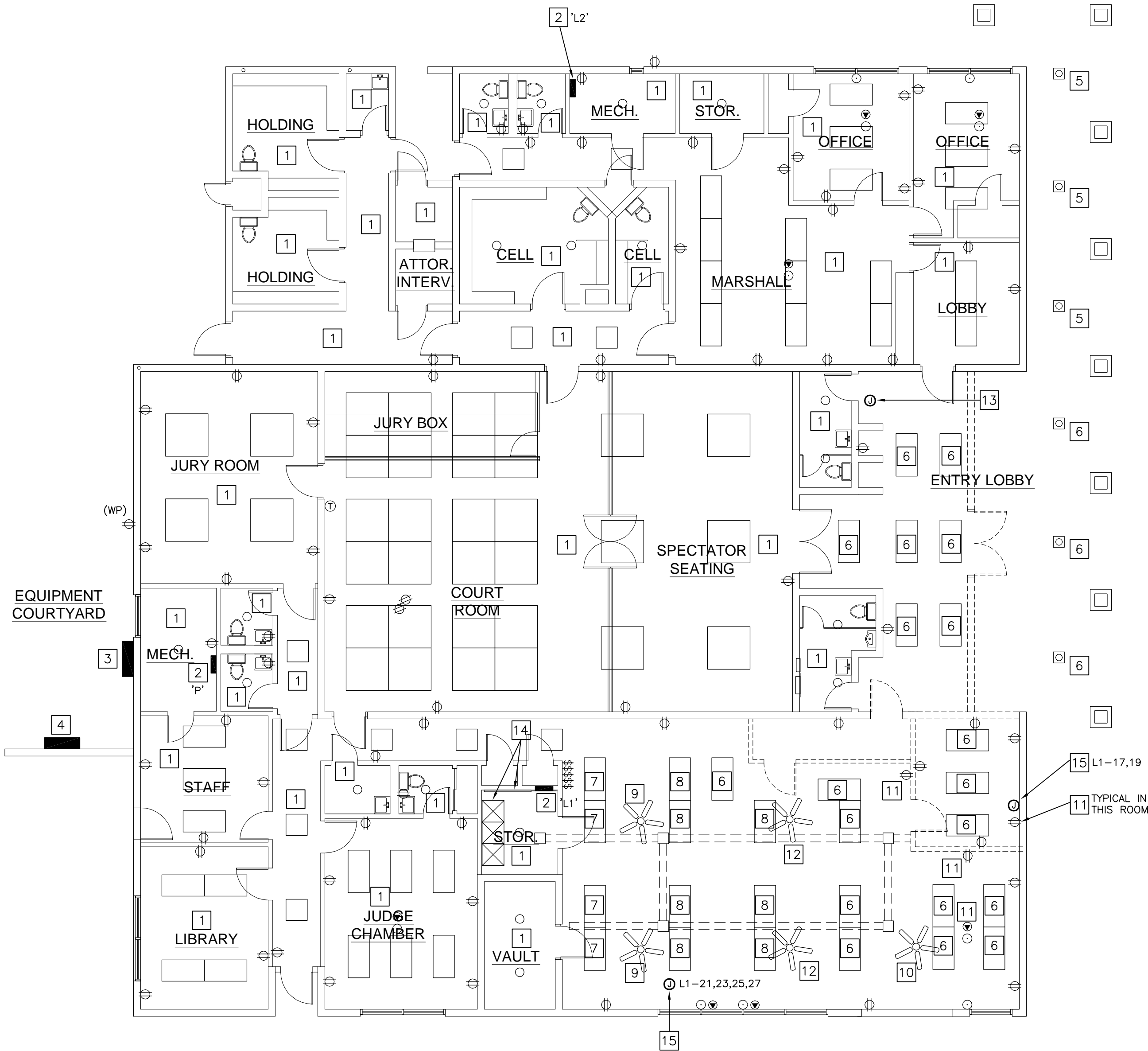
SHEET TITLE

## GENERAL NOTES, LEGEND AND ABBREVIATIONS

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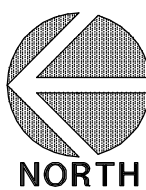


REFERENCE NOTES

- EXISTING ELECTRICAL EQUIPMENT IN THIS ROOM / AREA TO REMAIN.
- EXISTING ELECTRICAL PANEL TO REMAIN, SEE PANEL SCHEDULES.
- EXISTING MAIN ELECTRICAL SERVICE TO REMAIN.
- EXISTING DISTRIBUTION PANEL TO REMAIN.
- EXISTING RECESSED DOWNLIGHT TO REMAIN, CLEAN AND RELAMP.
- EXISTING LIGHTNG FIXTURE TO BE REMOVED.
- EXISTING LIGHTING FIXTURE TO REMAIN, CLEAN, RELAMP AND PROVIDE NEW LENSE.
- EXISTING LIGHTING FIXTURE TO BE RELOCATED, SEE LIGHTING PLAN FOR NEW LOCATION.
- EXISTING PADDLE FAN TO REMAIN.
- EXISTING PADDLE FAN TO BE REMOVED.
- EXISTING OUTLET TO BE REMOVED.
- EXISTING PADDLE FAN TO BE RELOCATED, SEE LIGHTING PLAN FOR NEW LOCATION.
- TERMINATE EXISTING LIGHTING BRANCH 'L2-10' IN CEILING AS REQUIRED FOR EXTENSION TO NEW LOBBY LIGHTING, SEE LIGHTING FLOOR PLAN.
- EXISTING TELEPHONE BACKBOARD AND DATA EQUIPMENT TO REMAIN.
- TERMINATE EXISTING RECEPTACLE BRANCH CIRCUITS AS REQUIRED FOR EXTENSION TO NEW MODULAR FURNITURE/RECEPTACLES, SEE ELECTRICAL FLOOR PLAN.

GENERAL DEMOLITION PLAN NOTES

- REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR ADDITIONAL INFORMATION.
- EQUIPMENT SHOWN TO BE REMOVED IS SHOWN FOR REFERENCE ONLY. INFORMATION WAS OBTAINED FROM ORIGINAL BUILDING DRAWINGS AND LIMITED FIELD INVESTIGATION AND MAY NOT REPRESENT ALL ELECTRICAL DEMOLITION. FIELD VERIFY CONDITIONS AND DISCONNECT/REMOVE ALL EQUIPMENT AS REQUIRED TO MEET THE INTENT OF THAT SHOWN ON THE LIGHTING AND POWER/SIGNAL DRAWINGS.
- ALL ELECTRICAL EQUIPMENT SHOWN ON DRAWING (OR REQUIRED) TO BE DEMOLISHED SHALL BE DISCONNECTED, REMOVED AND DISPOSED OF BY ELECTRICAL CONTRACTOR. NO EQUIPMENT (RACEWAYS, BOXES, CABLING, ETC.) SHALL BE ABANDONED IN PLACE AND COVERED BY NEW CONSTRUCTION.
- CLEAN, REPAIR (AS REQUIRED) AND RELAMP ALL EXISTING LIGHT FIXTURES THAT ARE TO REMAIN AND BE RE-USED TO ASSUME ALL FIXTURE ARE OPERATIONAL UPON COMPLETION OF PROJECT.
- ANY LIGHT SWITCHES THAT ARE NO LONGER IN USE, WHETHER SHOWN ON THE DEMOLITION PLAN OR NOT, ARE TO HAVE THE DEVICE AND WIRING REMOVED, AND A BLANK COVER PLATE INSTALLED.
- SCHEDULE ANY OUTAGES WITH OWNER PRIOR TO DE-ENERGIZATION OF ANY BRANCH CIRCUITS OR FEEDERS.
- DISCONNECTION/REMOVAL OF EXISTING COMMUNICATIONS SYSTEMS. COMPONENTS SHALL BE SCHEDULED WITH OWNER AND COORDINATED WITH THEIR VENDORS.
- SALVAGE ALL REMOVED COMPONENTS (SPEAKERS, GRILLES, TELEPHONE INSTRUMENTS, RADIO HANDSETS, ETC.) SHALL BE SALVAGED TO THE OWNER.
- INFORMATION SHOWN FOR LOAD DESCRIPTIONS ON EXISTING PANELS WAS GAINED FROM ORIGINAL BUILDING ELECTRICAL PLANS AND SHALL BE FIELD VERIFIED. CONFIRM LOAD ON EACH CIRCUIT OF ALL EXISTING PANELS AND PROVIDE UPDATED TYPED WRITTEN CIRCUIT DIRECTORY (IN PLASTIC SLEEVE) FOR EACH EXISTING PANELBOARD.
- ANY LOADS REMOVED DURING DEMOLITION SHALL HAVE CONDUCTORS REMOVED BACK TO NEXT REMAINING DEVICE OR TO EXISTING PANELS. ABANDONED BREAKERS SHALL BE LABELED "SPARE".



ELECTRICAL DEMOLITION FLOOR PLAN

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

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

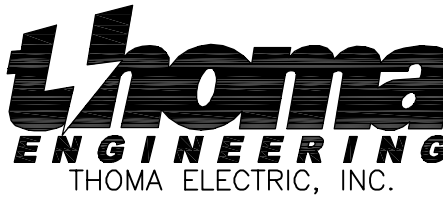
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SHEET TITLE

ELECTRICAL DEMOLITION FLOOR PLAN

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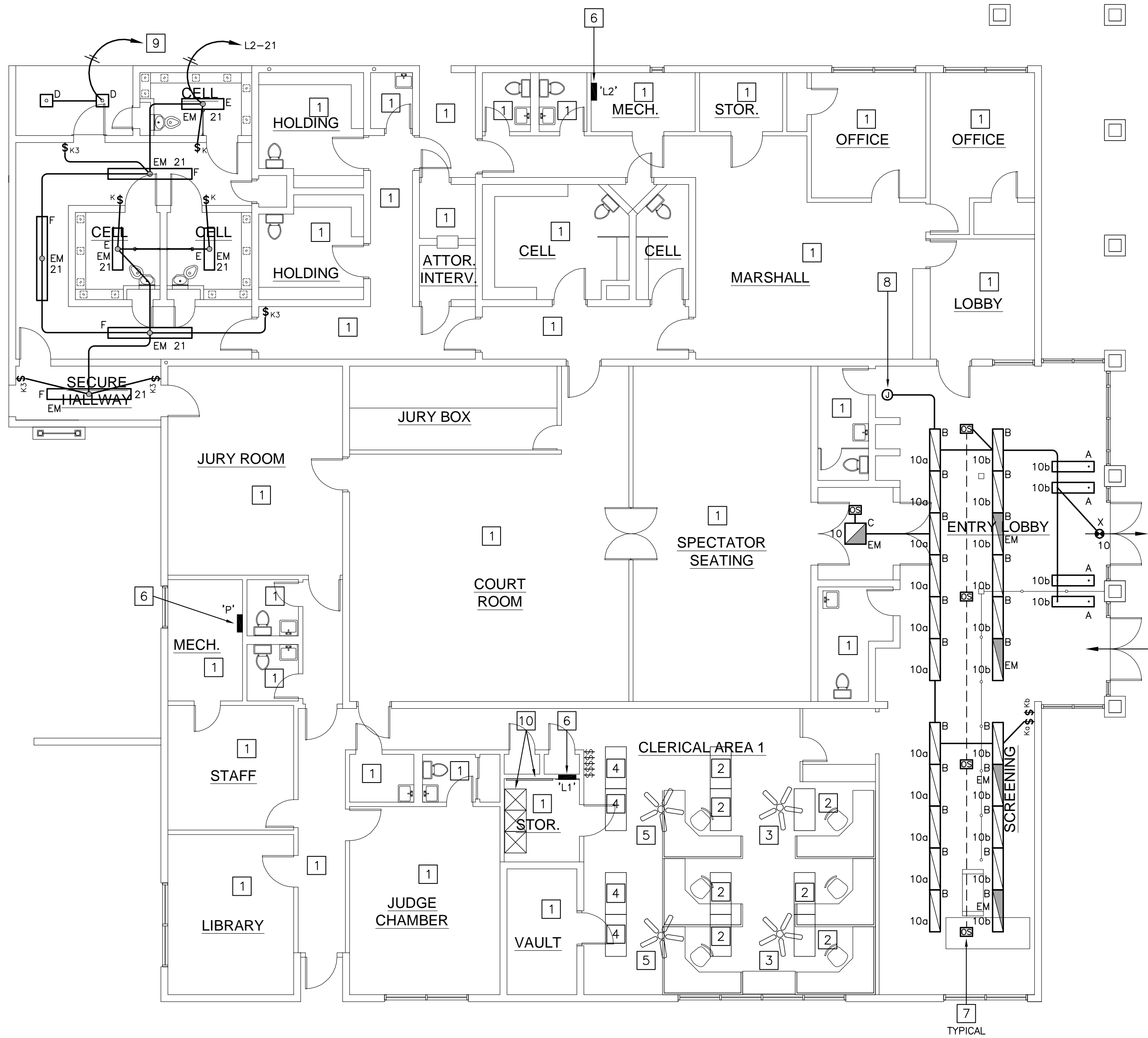
E2.0





# ELECTRICAL LIGHTING FLOOR PLAN

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



## REFERENCE NOTES

- EXISTING LIGHTING FIXTURES AND CONTROL IN THS ROOM / AREA TO REMAIN.
- EXISTING LIGHTING FIXTURE RELOCATED TO THIS POSITION, SEE DEMO PLAN.
- EXISTING PADDLE FAN RELOCATED TO THIS POSITION, SEE DEMO PLAN.
- EXISTING LIGHTING FIXTURE TO REMAIN.
- EXISTING PADDLE FAN TO REMAIN.
- EXISTING ELECTRICAL PANEL TO REMAIN.
- DUAL TECH OCCUPANCY SENSOR, SEE WIRING DIAGRAM ON SHEET E3.0.
- EXTEND EXISTING LIGHTING BRANCH CIRCUIT 'L2-10' AND CONNECT TO NEW LIGHTING AS SHOWN.
- CONNECT TO EXISTING EXTERIOR LIGHTING BRANCH CIRCUIT 'L2-3' AND CONTROLS.
- EXISTING TELEPHONE BACKBOARD AND DATA EQUIPMENT TO REMAIN.

## GENERAL LIGHTING PLAN NOTES

- DUAL LEVEL SWITCHING: IN ROOMS 100 SQ. FT. OR LARGER, OR WHERE INDICATED ON PLANS, CONTROL INBOARD LAMPS BY ONE SWITCH AND OUTBOARD LAMPS BY OTHER SWITCH.
- LIGHTING FIXTURE LOCATIONS SHOWN ARE SCHEMATIC. REFER TO ARCHITECTURAL PLANS (REFLECTED CEILING, ELEVATIONS, ETC.) FOR EXACT LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
- REFER TO ARCHITECT'S REFLECTED CEILING PLAN(S) FOR CEILING HEIGHTS, TYPES, FINISHES, ETC. IN EACH AREA. VERIFY FLANGE TYPES, TRIM KITS, STEM LENGTHS, ETC. FOR ALL FIXTURES PRIOR TO SUBMITTALS.
- CONFIRM LOCATION OF ALL DOORS SWINGS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN OF SWITCHES.
- PROVIDE UNSWITCHED HOT LEG OF ROOM LIGHTING BRANCH CIRCUIT TO EACH BATTERY POWERED EMERGENCY LIGHT AND EXIT SIGN FOR CONTINUOUS CHARGING.

PROJECT

## SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

## MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

### PHASE 1

CLIENT JOB # ARCHITECT JOB #  
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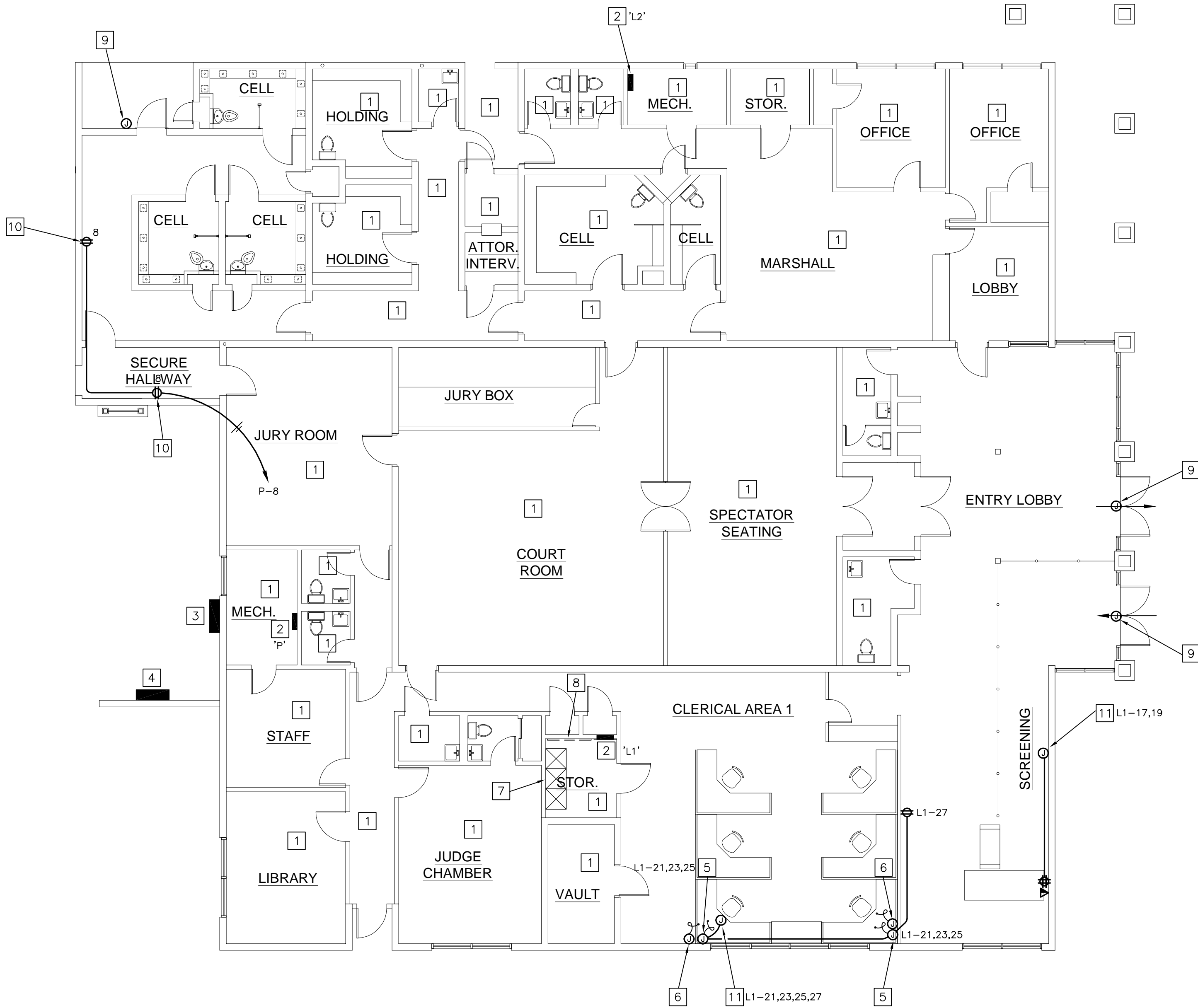
SHEET TITLE

## ELECTRICAL LIGHTING FLOOR PLAN

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CONSTRUCTION

SHEET #

# E2.1



REFERENCE NOTES

- EXISTING OUTLETS IN THIS ROOM / AREA TO REMAIN.
- EXISTING ELECTRICAL PANEL TO REMAIN, SEE PANEL SCHEDULES.
- EXISTING MAIN ELECTRICAL SERVICE TO REMAIN.
- EXISTING DISTRIBUTION PANEL TO REMAIN.
- J-BOX WITH FLEXIBLE ELECTRICAL CONNECTION TO MODULAR FURNITURE.
- J-BOX WITH FLEXIBLE LOW VOLTAGE SYSTEMS CONNECTION TO MODULAR FURNITURE.
- EXISTING DATA RACK AND EQUIPMENT TO REMAIN.
- EXISTING MAIN TELEPHONE BKBD TO REMAIN.
- J-BOX WITH 3/4" C.O. STUB TO ACCESSIBLE CEILING SPACE FOR DOOR ACCESS CONTROL / SECURITY SYSTEM EQUIPMENT.
- TAMPERPROOF OUTLET WITH VANDAL RESISTANT COVER.
- EXTEND EXISTING BRANCH CIRCUIT AND CONNECT TO NEW MODULAR FURNITURE/RECEPTACLES AS SHOWN.

GENERAL POWER PLAN NOTES

- FUSING: ALL FUSIBLE SAFETY DISCONNECT SWITCHES SHALL BE PROVIDED WITH DUAL-ELEMENT TIME DELAY TYPE FUSES SIZED AND RATED PER EQUIPMENT MANUFACTURERS' RECOMMENDATIONS. VERIFY WITH EQUIPMENT NAMEPLATE BEFORE INSTALLATION.
- MOTOR OVERLOAD PROTECTION: WHERE REQUIRED BY NEC ARTICLE 430 PART C AND NOT SHOWN ON PLAN OR PROVIDED INTEGRAL WITH EQUIPMENT, PROVIDE AND INSTALL THERMAL OVERLOAD PROTECTION FOR ALL MOTORS.
- DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT.
- ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN THE SAME LOCATION, SHALL BE MOUNTED ON OPPOSITE SIDES OF THE SAME STUD. COORDINATE BETWEEN ELECTRICAL AND COMMUNICATIONS PLANS.
- SIGNAL AND COMMUNICATIONS SYSTEMS RACEWAYS AND BOXES: PROVIDE AND INSTALL 4" SQUARE RECESSED JUNCTION BOX WITH 1-GANG RING AND (1) 3/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE ABOVE AT EACH WALL TELEPHONE (VOICE), TELEVISION AND DATA OUTLET LOCATION SHOWN ON THE PLANS UNLESS OTHERWISE NOTED. FOR EACH COMBINATION VOICE/DATA OUTLET, PROVIDE AND INSTALL (1) 1-1/4" CONDUIT STUBS TO ACCESSIBLE CEILING SPACE.



ELECTRICAL POWER FLOOR PLAN

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

PROJECT

SUPERIOR COURT  
OF CALIFORNIA  
COUNTY OF SAN JOAQUIN

MANTECA BRANCH  
SITE AND BUILDING  
IMPROVEMENTS

PHASE 1

CLIENT JOB # ARCHITECT JOB #  
1007

FRASER  
SEIPLE  
ARCHITECTS

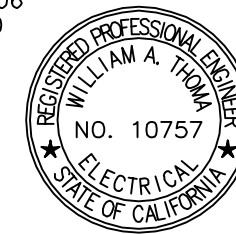
971 OSOS STREET  
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cad@thomaelec.com



EXPIRES: 06/30/11  
THOMA #11-8014

PROJECT MANAGER RP

DRAWN BY LB

DATES 02/22/11 50% REVIEW  
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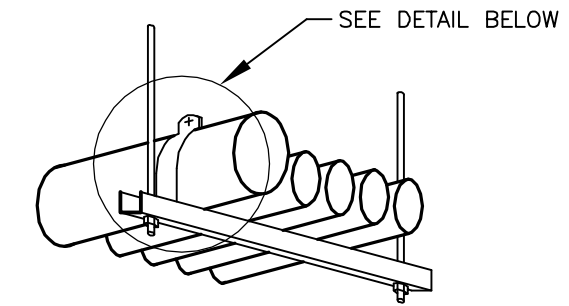
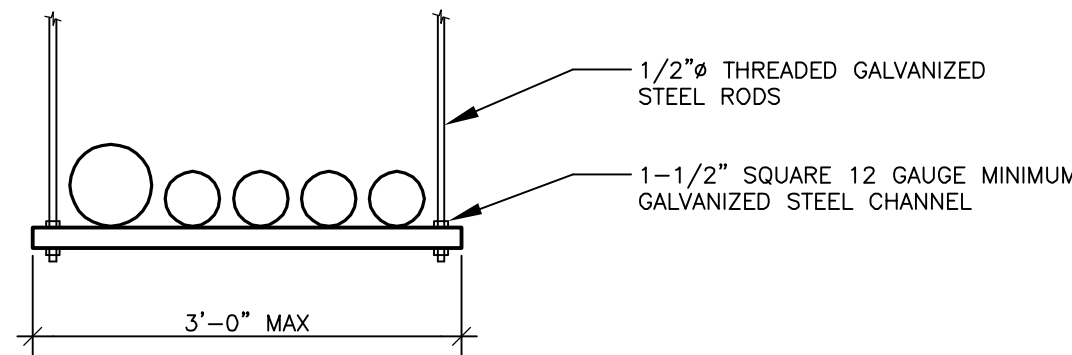
ELECTRICAL  
POWER FLOOR  
PLAN

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SHEET #

E2.2

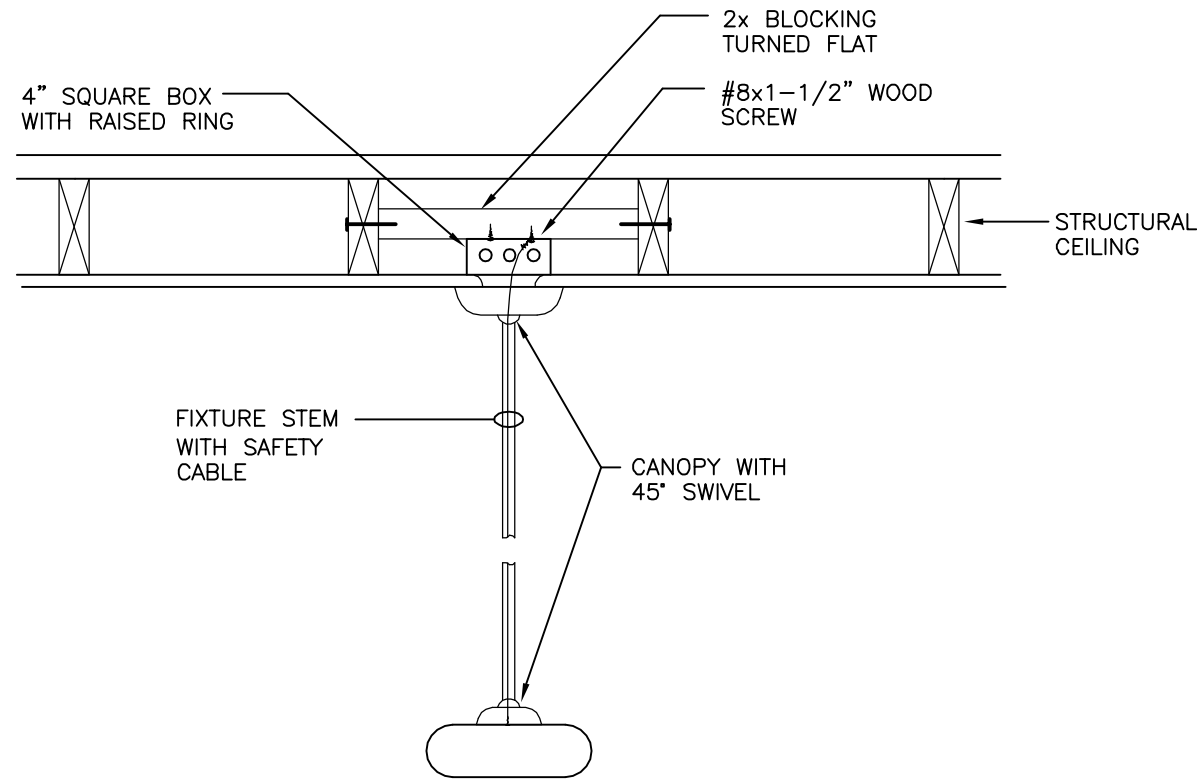




- NOTES:
1. CONTRACTOR MAY USE A CONDUIT SUSPENSION SYSTEM EQUIVALENT TO THAT WHICH IS DETAILED, HAVING THE FEATURES SHOWN AND APPROVED IN ADVANCE BY THE RESIDENT ENGINEER.
  2. PROVIDE A SAMPLE SUPPORT SYSTEM TO KEEP ON JOB SITE FOR CONSTRUCTION GUIDE PURPOSES.
  3. CONDUIT SUSPENSION SYSTEM SHALL BE INDEPENDENT OF ANY OTHER SUSPENSION SYSTEM.

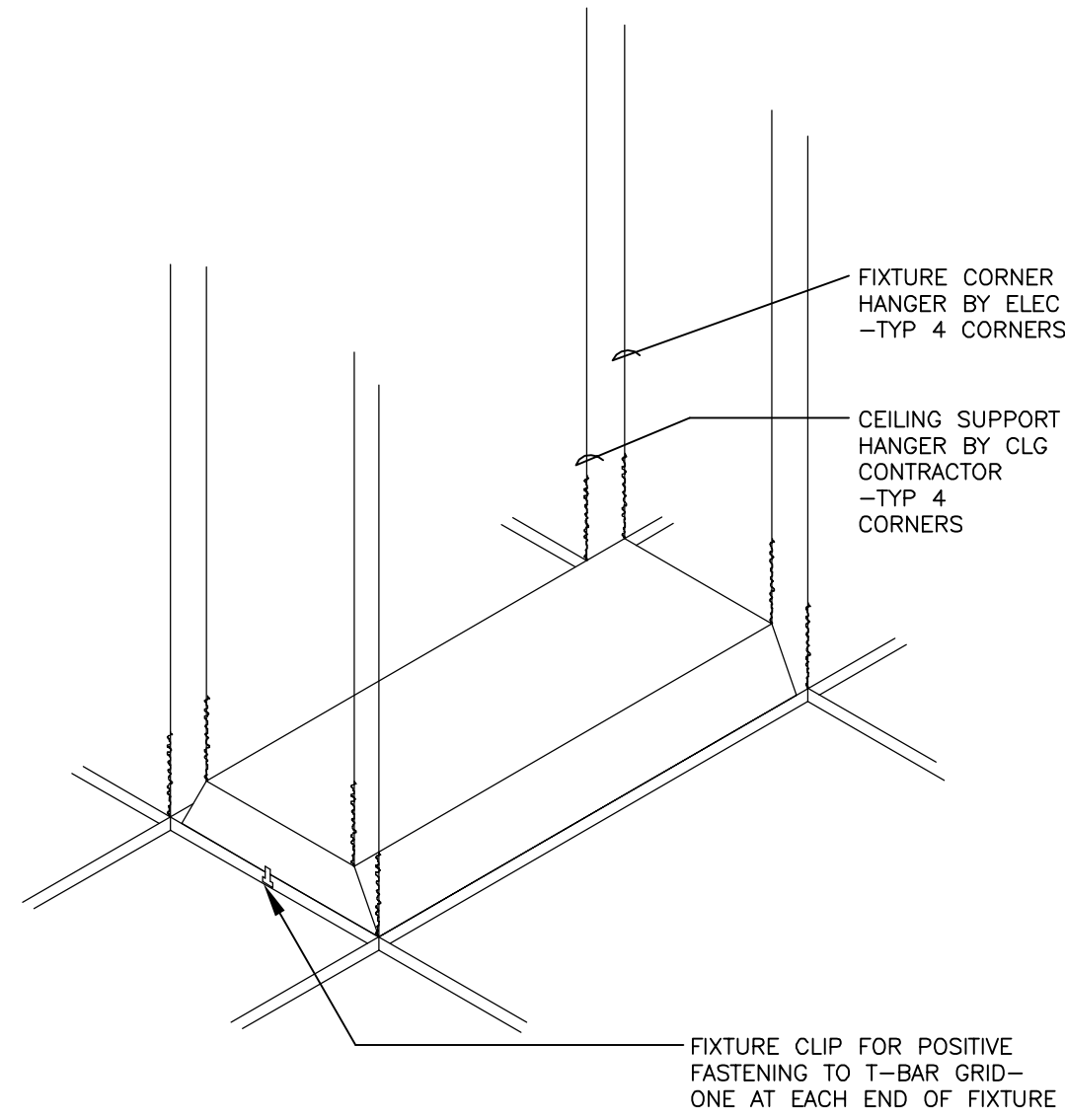
## TYPICAL CONDUIT SUPPORT SYSTEM DETAIL

5 NTS



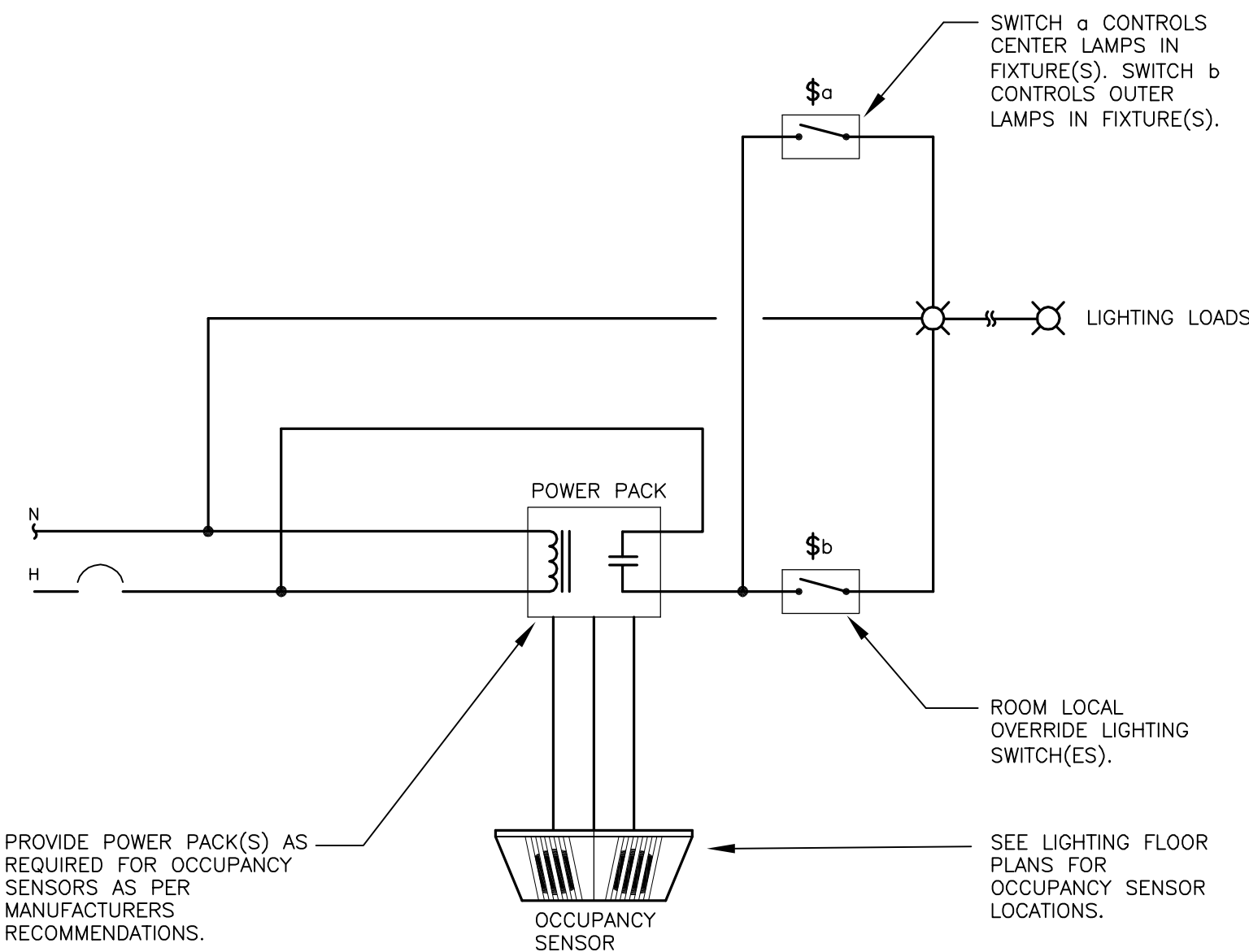
## PENDANT FIXTURE SEISMIC BRACING DETAIL

3 NTS



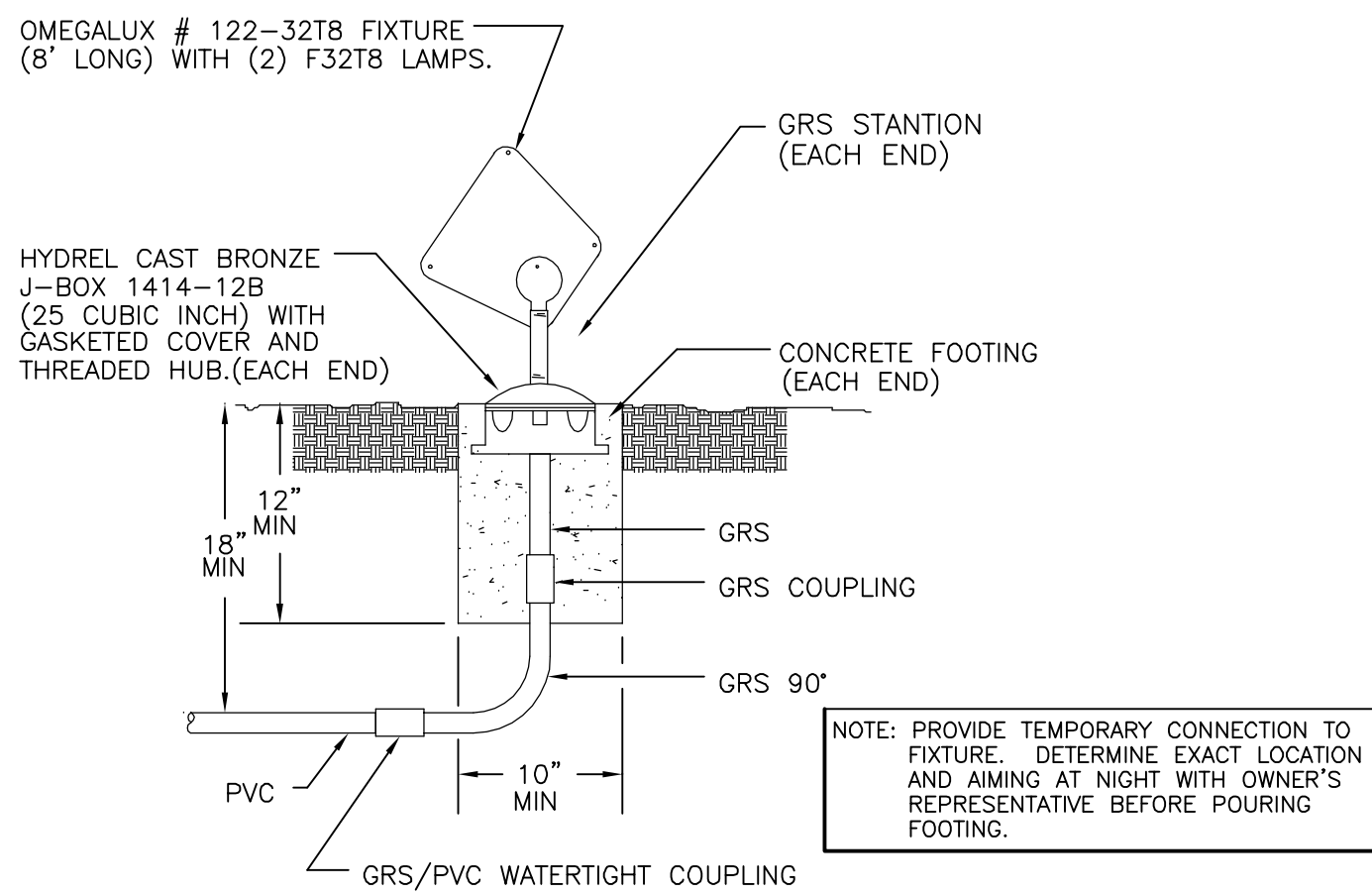
## TROFFER SUPPORT

1 NTS



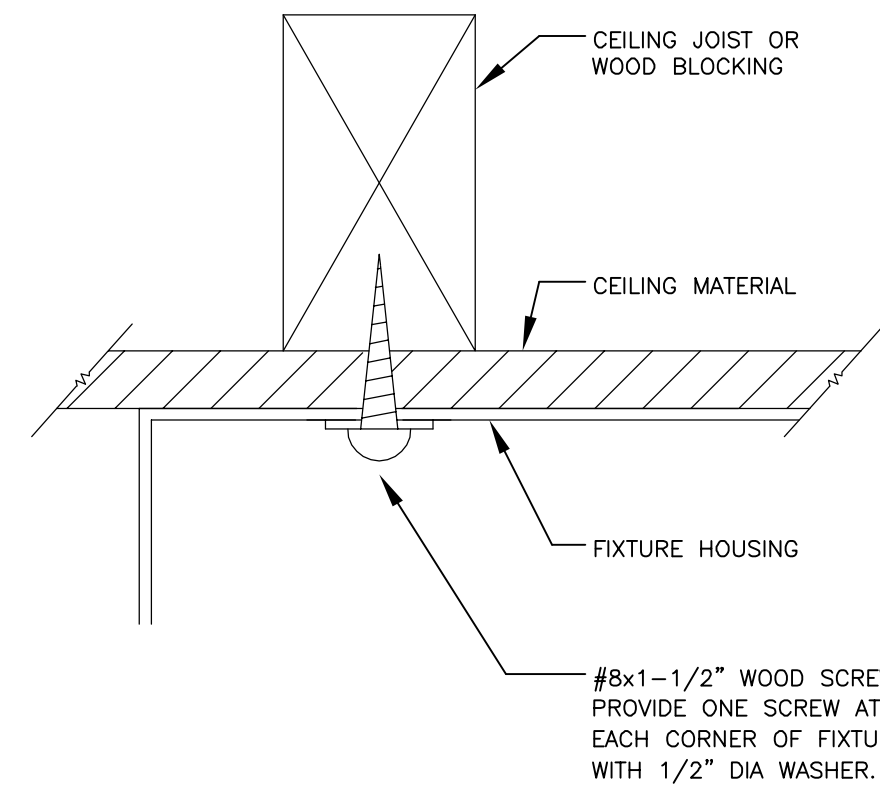
## OCCUPANCY SENSOR WIRING DIAGRAM

6 NTS



## SIGN FLOOD FIXTURE MOUNTING DETAIL

4 NTS



## SURFACE FIXTURE MOUNTING DETAIL

2 NTS

PROJECT

**SUPERIOR COURT  
OF CALIFORNIA  
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SITE AND BUILDING  
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**ELECTRICAL  
DETAILS**

**PROGRESS PRINT  
NOT FOR  
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SHEET #

**E3.0**

LIGHTING FIXTURE SCHEDULE NOTES

- ILLUSTRATIONS AND/OR DIMENSIONS ARE APPROXIMATIONS ONLY INTENDED TO REPRESENT BASIC FIXTURE TYPE; DO NOT USE AS EXACT INFORMATION SOURCE. REFER TO MANUFACTURER CUT SHEETS.
- EXACT LOCATIONS: BEFORE CONSTRUCTION, VERIFY WITH ARCHITECT EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES. SEE ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS AS APPLICABLE.
- EMERGENCY FIXTURES: PROVIDE "EM" DESIGNATED FIXTURES (SEE PLAN) AND FIXTURES WITH "E" AS LAST CHARACTER IN TYPE DESIGNATION WITH INTEGRAL EMERGENCY POWER PACK. WHEN USED WITH 4' FLUORESCENT LAMPS, PROVIDE AS MINIMUM 1100 LUMEN OUTPUT.
- FIXTURE BRANCH CIRCUIT THROUGH-WIRING: VERIFY AND COMPLY WITH FIXTURE MANUFACTURER RESTRICTIONS AS DETERMINED BY UL. & NEC.
- FINAL PLACEMENT AND AIMING OF EXTERIOR ADJUSTABLE FLOOD OR SPOT FIXTURES SHALL BE DETERMINED AFTER DARK WITH OWNER OR ARCHITECT PRESENT. PREARRANGE TIME AND PROVIDE TEMPORARY POWER AS REQUIRED.
- PROVIDE IN-GRADE UPLIGHTS WITH SURROUNDING SLEEVE AND CRUSHED ROCK FOR PROPER WATER DRAINAGE AS RECOMMENDED BY MANUFACTURER. FIXTURES SHALL BE SEALED (HOT) PER MANUFACTURER'S REQUIREMENTS TO MINIMIZE CONDENSATE IN FIXTURE.
- ALL STRAIGHT FLUORESCENT LAMPS SHALL BE SP41 OR EQUAL.
- ALL COMPACT FLUORESCENT LAMPS SHALL BE SPX41 OR EQUAL.
- ALL FLUORESCENT BALLASTS SHALL BE ELECTRONIC.
- VERIFY CEILING TYPES/FINISHES FOR ALL RECESSED FIXTURES PRIOR TO FORWARDING SUBMITTALS.
- ALL FLAT PRISMATIC LENSES IN FLUORESCENT FIXTURES SHALL BE MINIMUM .125" THICK.
- BALLASTS AND LAMPS SHALL BE COMPATIBLE FOR THE APPLICATION IN WHICH THEY ARE BEING USED FOR THIS PROJECT. EACH BALLAST SHALL BE COMPATIBLE WITH THE CONTROL DEVICES USED FOR THIS JOB. BALLASTS NOT RECOMMENDED FOR USE WITH CONTROL DEVICES SHALL NOT BE USED AND THE APPROPRIATE BALLAST SHALL BE USED.
- FLUORESCENT LUMINAIRES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLAST SHALL BE PROVIDED WITH A FACTORY INSTALLED, INTERNAL, DISCONNECTING MEANS (SWITCH OR CONNECTOR), WHICH MEETS THE REQUIREMENTS OF 2007 CEC ARTICLE 410.73(G).

LIGHTING FIXTURE SCHEDULE

TYPE	ILLUSTRATION	MANUFACTURER	CATALOG NO.	VOLTAGE	MAX. VA.	LAMPING	MOUNTING	DESCRIPTION
A		AMETRIC	ARROWLINER	120	58	(2)28W T5	PENDANT	1'x4' DIRECT/INDIRECT SUSPENDED FLUORESCENT
			AC SERIES					
B		PHILLIPS	LIGHTOLIER	120	58	(2)28W T5	RECESSED GRID	1'x4' DIRECT/INDIRECT RECESSED FLUORESCENT
			HP90					
C		PHILLIPS	LIGHTOLIER	120	38	(2)14W T5	RECESSED GRID	2'x2' DIRECT/INDIRECT RECESSED FLUORESCENT
			AFTER DOME					
D		KENALL	MILLENIUM SQUARE	120	50	(1)42W CFL	SURFACE	SQUARE CEILING MOUNTED ABUSE RESISTANT FLUORESCENT
			MS11FL-DB					
E		KENALL	MIGHTY MAC	120	58	(2)28W T5	SURFACE	4' CEILING MOUNTED CORRECTIONAL FLUORESCENT
			SDSAT5					
EM		BODINE	B50 SERIES	120	-	-	IN FIXTURE WIREWAY	FLUORESCENT EMERGENCY BATTERY PACK, PROVIDE FOR 90 MINUTE OPERATION UPON LOSS OF NORMAL POWER
F		KENALL	MILLENIUM	120	120	(4)28W T5	SURFACE	8' CEILING MOUNTED ABUSE RESISTANT FLUORESCENT
			STRETCH SDSAT5					
G		BEGA	2095LED	120	10	2W LED	RECESSED	RECESSED EXTERIOR WALL FIXTURE
H		PHILLIPS	ALLSCAPE	120	40	(1)F32 T8 FLUOR.	STANCHION	GROUND MOUNTED SIGN-LIGHTER FIXTURE
			FL-18					
X		KENALL	MILLENIUM METREX	120	5	(1) 5W LED	SURFACE	CEILING OR HIGH WALL MOUNTED CORRECTIONAL EXIT LIGHT WITH EMERGENCY BATTERY PACK
			METSU					

SEE NOTE	200A, 120/208V, 3Ø, 4W 24 EXIST. CB SPACES EXIST. WESCO NQB TYPE	(E) PANEL	P			SURFACE MOUNT, NEMA 1 LOCATION: MECHANICAL ROOM WITH EQUIP'T GND BUS	SEE NOTE
PANEL		PHASE A	PHASE B	PHASE C	DESCRIPTION		
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	WIRE SIZE	AMP CB #	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	6
7	SPACE				12	SECURE HALLWAY RECEPTACLES	8
9	EXISTING BRANCH CIRCUITS	20	(E)	360	20	EXISTING BRANCH CIRCUIT	10
11	SPACE				20	SPACE	12
13	SPACE				20	SPACE	14
15	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	16
17	SPACE				20	SPACE	18
19	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	20
21	SPACE				20	SPACE	22
23	SPACE				20	SPACE	24
25							26
27							28
29							30
31							32
33							34
35							36
37							38
39							40
41							42
CONNECTED LOAD (VA) =		0	0	0			
25% OF CONTINUOUS LOAD =		0	0	0			
TOTAL (VA) =		0	0	0			
TOTAL ÷ 120 VOLT =		0 A	0 A	0 A			

SEE NOTE	225A, 120/208V, 3Ø, 4W 42 EXIST. CB SPACES EXIST. WESCO NQB TYPE	(E) PANEL	L2			SURFACE MOUNT, NEMA 1 LOCATION: MECHANICAL ROOM WITH EQUIP'T GND BUS	SEE NOTE
PANEL		PHASE A	PHASE B	PHASE C	DESCRIPTION		
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	WIRE SIZE	AMP CB #	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	6
7	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	8
9	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	10
11	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	12
13	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	14
15	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	16
17	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	18
19	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	20
21	CELL / SECURE HALLWAY LIGHTING	20	12	654	40	EXISTING BRANCH CIRCUIT	22
23	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	24
25	SPACE				3	EXISTING BRANCH CIRCUIT	26
27	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	28
29	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	30
31	EXISTING BRANCH CIRCUITS	20	(E)			SPACE	32
33	SPACE					SPACE	34
35	SPACE					SPACE	36
37	SPACE					SPACE	38
39	SPACE					SPACE	40
41	SPACE					SPACE	42
CONNECTED LOAD (VA) =		0	0	0			
25% OF CONTINUOUS LOAD =		0	0	0			
TOTAL (VA) =		0	0	0			
TOTAL ÷ 120 VOLT =		0 A	0 A	0 A			

SEE NOTE	225A, 120/208V, 3Ø, 4W 42 EXIST. CB SPACES EXIST. WESCO NQB TYPE	(E) PANEL	L1			FLUSH MOUNT, NEMA 1 LOCATION: STORAGE ROOM WITH EQUIP'T GND BUS	SEE NOTE
PANEL		PHASE A	PHASE B	PHASE C	DESCRIPTION		
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	WIRE SIZE	AMP CB #	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	(E)			SPACE	6
7	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	8
9	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	10
11	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	12
13	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	14
15	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	16
17	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	18
19	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	20
21	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	22
23	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	24
25	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	26
27	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	28
29	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	30
31	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	32
33	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	34
35	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING BRANCH CIRCUIT	36
37	EXISTING BRANCH CIRCUITS	20	(E)		2	EXISTING A/C UNIT	38
39	EXISTING BRANCH CIRCUITS	20	(E)		20	EXISTING HAND DRYER	40
41	EXISTING BRANCH CIRCUITS	20	(E)		2		42
CONNECTED LOAD (VA) =		0	0	0			
25% OF CONTINUOUS LOAD =		0	0	0			
TOTAL (VA) =		0	0	0			
TOTAL ÷ 120 VOLT =		0 A	0 A	0 A			

PROJECT

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