

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 APPROVED 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
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OFFICE OF COURTS CONSTRUCTION
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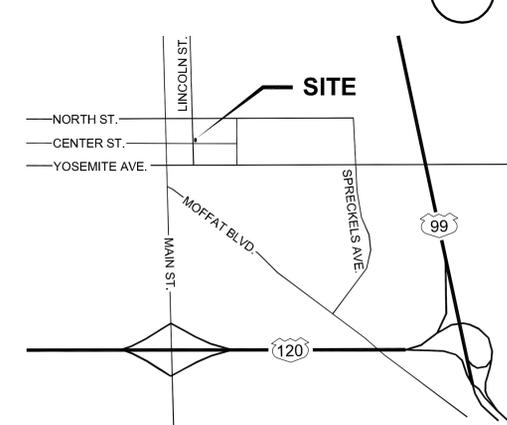
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kwcrowe@charter.net

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



971 OSOS STREET
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CALIFORNIA 93401

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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

PROJECT

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

**MANTECA BRANCH
SITE AND BUILDING
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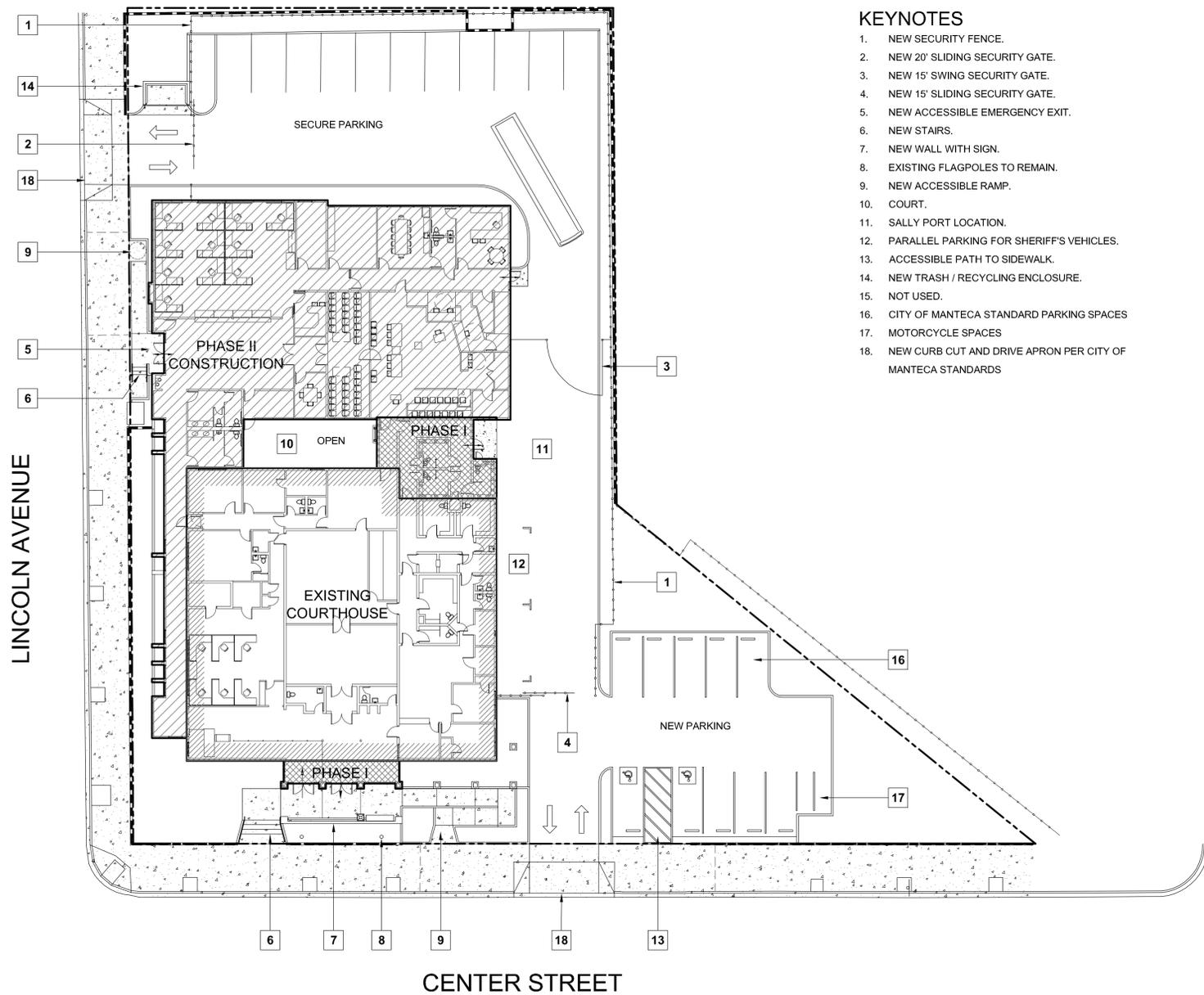
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SHEET TITLE

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

SHEET #

T.3



KEYNOTES

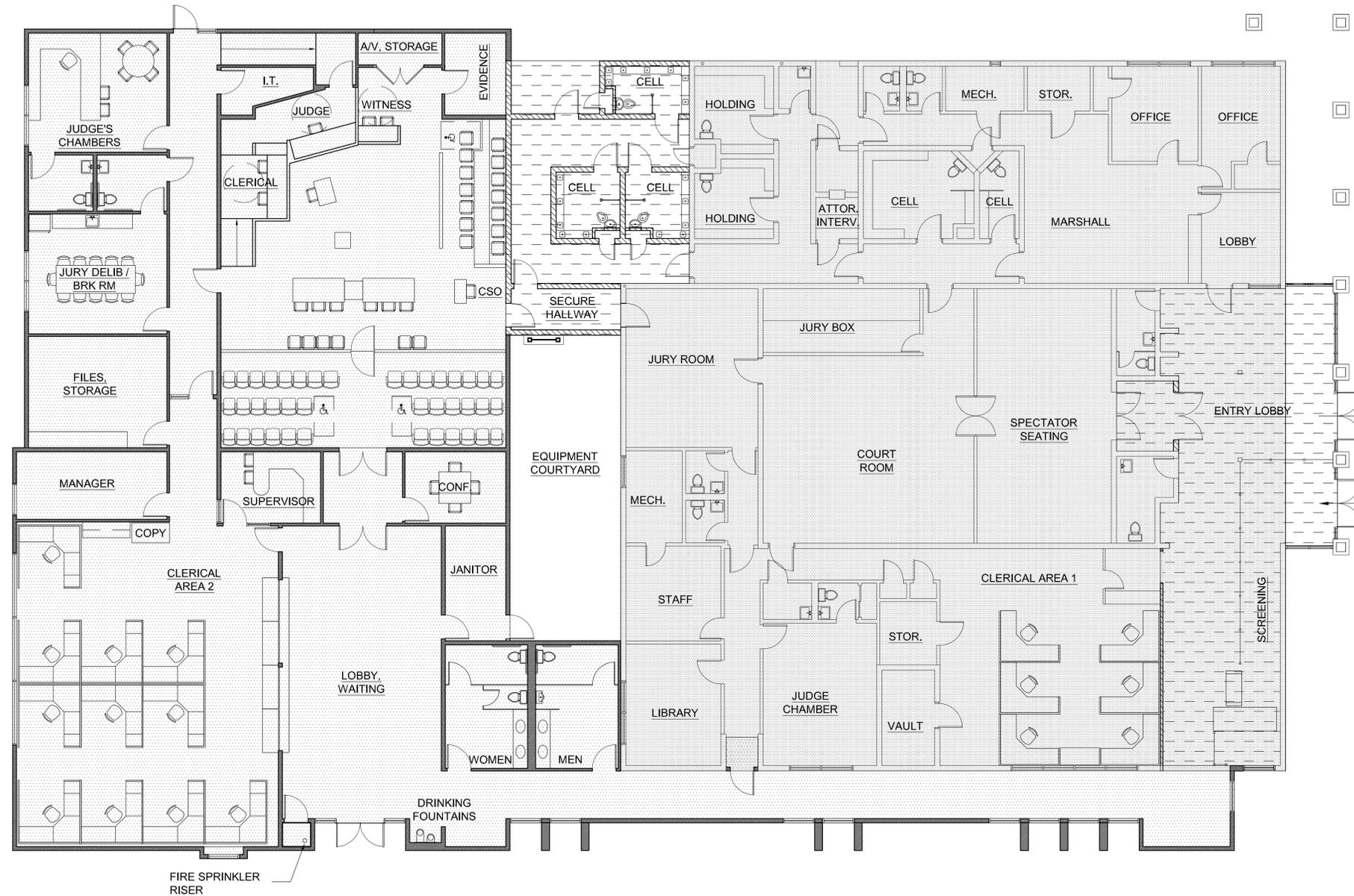
1. NEW SECURITY FENCE.
2. NEW 20' SLIDING SECURITY GATE.
3. NEW 15' SWING SECURITY GATE.
4. NEW 15' SLIDING SECURITY GATE.
5. NEW ACCESSIBLE EMERGENCY EXIT.
6. NEW STAIRS.
7. NEW WALL WITH SIGN.
8. EXISTING FLAGPOLES TO REMAIN.
9. NEW ACCESSIBLE RAMP.
10. COURT.
11. SALLY PORT LOCATION.
12. PARALLEL 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"

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\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

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SITE AND BUILDING
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PHASE 1

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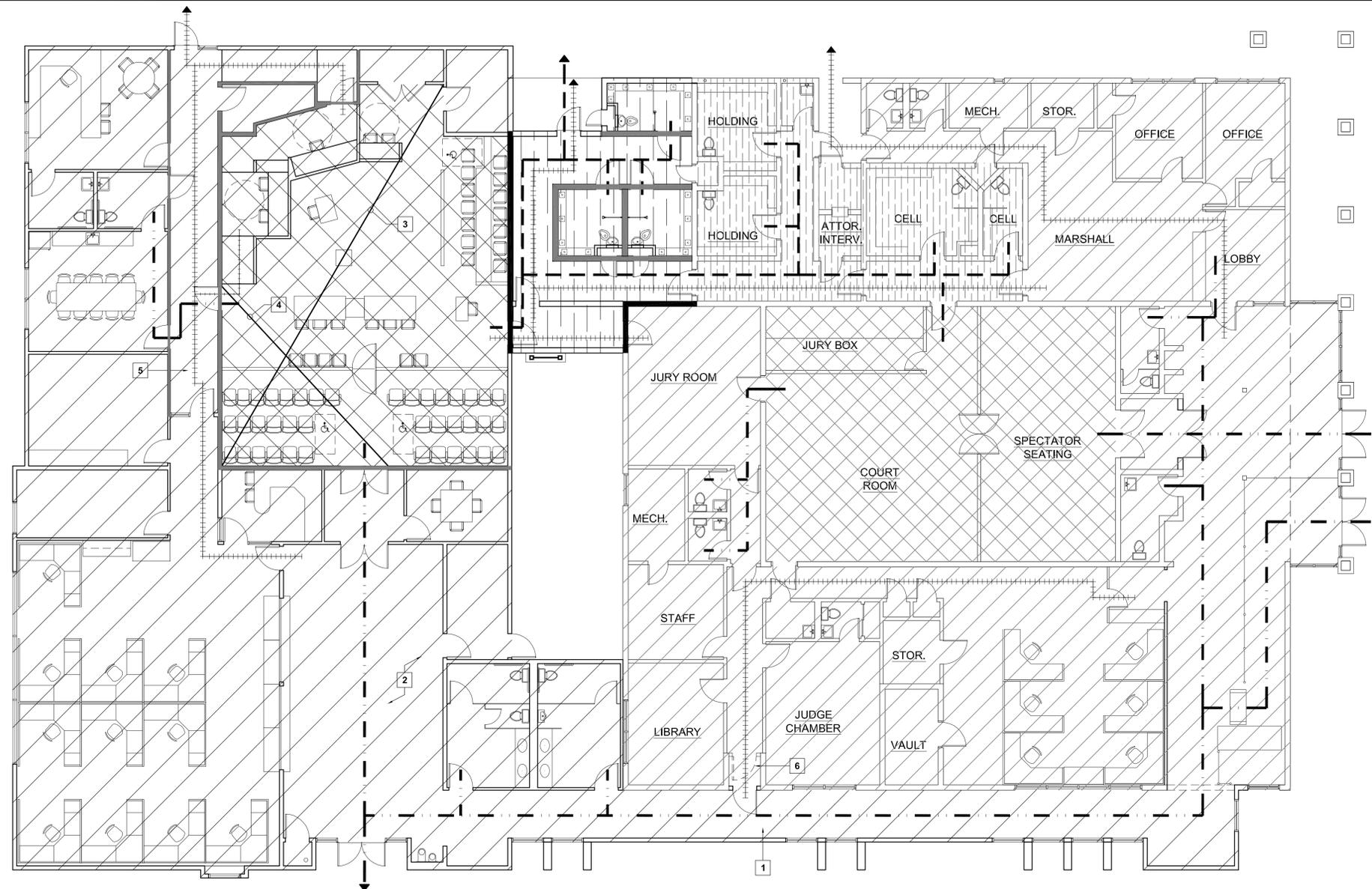
**PHASE I & PHASE II
COMPOSITE
REFERENCE
FLOOR PLAN**

SHEET #

T.4

ABBREVIATIONS

#	POUND OR NUMBER	H	HIGH	H.B	HIGH ROSE BIBB
&	AND	H.M	HOLLOW METAL	H.P	HIGH POINT
A	AIR	H.V.A.C.	HEATING VENTILATION AND AIR CONDITIONING	H.W.	HOT WATER
A.B	ANCHOR BOLT	H.C.	HANDICAPPED ACCESSIBLE	H.D.W.	HARDWARE
A.D.	AREA DRAIN	H.D.W.D.	HARDWOOD	H.N.D.R.L.	HANDRAIL
A.C	AIR CONDITIONING	H.O.R.I.Z.	HORIZONTAL	H.R.	HOUR
A.C.T.	ACOUSTICAL CEILING TILE	H.T.	HEIGHT	H.T.	HEIGHT
A.F.C.	ABOVE FINISHED COUNTER	•I.D.	INSIDE DIAMETER	I.N.	INCH
A.F.F.	ABOVE FINISHED FLOOR	INSUL.	INSULATION	INT.	INTERIOR
A.F.G.	ABOVE FINISHED GRADE	INV.	INVERT	•J.C.	JANITOR CLOSET
A.F.S.	ABOVE FINISHED SLAB	J.T.	JOINT	•K.B.	KNEE BRACE
ACOUS.	ACOUSTIC	K.P.	KICK PLATE	K.P.	KITCHEN
ACOUS. INSUL.	ACOUSTICAL INSULATION	•L	ANGLE	L.L.	LEAD LINED
ACOUS. PNL.	ACOUSTICAL PANEL	L.L.	LONG	L.A.M.	LAMINATED
ACS. DR.	ACCESS DOOR	L.A.M. GL.	LAMINATED GLASS	LAUN.	LAUNDRY
ACS. FLR.	ACCESS FLOOR	LAV.	LAVATORY	L.K.R.	LOCKER
ACS. PNL.	ACCESS PANEL	LN.	LINOLEUM	L.N.	LOW POINT
ADJ.	ADJUSTABLE	L.P.T.	LIMESTONE PLASTER	L.T.	LIGHT
ALT.	ALTERNATE	LS. PLAS.	LOUVER	L.V.R.	LOUVER
ALUM.	ALUMINUM	LT.	LOUVER	•M.D.F.	MEDIUM DENSITY FIBERBOARD
ANR.	ANCHOR	•M.D.O.	MEDIUM DENSITY OVERLAY	M.O.	MASONRY OPENING
ARCH.	ARCHITECTURAL	MACH.	MACHINE	MACH.	MACHINE
ASPH.	ASPHALT	MATL.	MATERIAL	MAX.	MAXIMUM
ATCH.	ATTACHMENT	MECH.	MECHANICAL	MEMB.	MEMBRANE
AUTO.	AUTOMATIC	MEMB.	MEMBRANE	MET.	METAL
AV	AUDIOVISUAL	MET.	METAL	MFR.	MANUFACTURER
•B.O.	BOTTOM OF	MH.	MANHOLE	MIN.	MINIMUM
B.O.S.	BOTTOM OF STEEL	MIRR.	MIRROR	MISC.	MISCELLANEOUS
B.P.	BUILDING PAPER	MISC.	MISCELLANEOUS	M.K.R. BD.	MARKER BOARD
B.S.	BOTH SIDES	MTD.	MOUNTED	MULL.	MULLION
B.U.R.	BUILT-UP ROOFING	•(N)	NEW	N.	NORTH
BD.	BOARD	N.I.C.	NOT IN CONTRACT	N.T.S.	NOT TO SCALE
BITUM.	BITUMINOUS	NO.	NUMBER	NOM.	NOMINAL
BKG.	BACKING	•O.C.	ON CENTER	O.D.	OUTSIDE DIAMETER
BLD.G.	BUILDING	O.D.	OUTSIDE DIAMETER	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
BLK.	BLOCK	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED	O.F.O.I.	OWNER FURNISHED, OWNER INSTALLED
BL.K.G.	BLOCKING	OFF.	OFFICE	OPP.	OPPOSITE
BL.ST.	BALLAST	OPNG.	OPENING	•P.C.D.	PAPER CUP DISPENSER
BM.	BRACING	P.L.	PROPERTY LINE	P.L.	PROPERTY LINE
BRZ.	BRONZE	P.LAM.	PLASTIC LAMINATE	P.T.D.	PAPER TOWEL DISPENSER
•C	CHANNEL	P.T.D.R.	PAPER TOWEL DISPENSER AND RECEPTACLE	P.T.R.	PAPER TOWEL RECEPTACLE
C.B.	CATCH BASIN	P.T.R.	PAPER TOWEL RECEPTACLE	P.V.C.	POLYVINYL CHLORIDE
C.B.BD.	CEMENTitious BACKER BOARD	P.V.C.	POLYVINYL CHLORIDE	PAV.	PAVING
C.C.T.V.	CLOSED CIRCUIT TELEVISION	PL.	PLATE	PLAS.	PLASTER
C.F.	CONTRACTOR FURNISHED	PLB.G.	PLUMBING	PLYWD.	PLYWOOD
C.G.	CORNER GUARD	PNL.	PANEL	POL.	POLISHED
C.H.	COAT HOOK	PR.	PAIR	PRCST.	PRECAST
C.I.	CAST IRON	PRCST.	PRECAST	PROJ.	PROJECTION
C.J.	CONTROL JOINT	PT.	PARTITION	PT.	PARTITION
C.L.	CENTER LINE	•Q.T.	QUARRY TILE	QTY.	QUANTITY
C.M.U.	CONCRETE MASONRY UNIT	QTY.	QUANTITY	•R	RISER OR RADIUS
C.O.	CASED OPENING	R.	RUBBER	R.B.	RUBBER BASE
CO2	CARBON DIOXIDE	R.C.P.	REFLECTED CEILING PLAN	R.D.	ROOF DRAIN
C.R.	CHAIR RAIL	R.D.	ROOF DRAIN	R.H.	ROBE HOOK
C.T.	CERAMIC TILE	R.O.	ROUGH OPENING	R.W.L.	RAIN WATER LEADER
CAB.	CABINET	R.W.L.	RAIN WATER LEADER	RECT.	RECTANGULAR
C.C.	CENTER TO CENTER	REF.	REFERENCE OR REFRIGERATOR	REF.	REFERENCE OR REFRIGERATOR
CEM.	CEMENT	REINF.	REINFORCING OR REINFORCED	REQD.	REQUIRED
CEM. PLAS.	CEMENT PLASTER	RESIL.	RESILIENT	RM.	ROOM
CHBD.	CHALKBOARD	RND.	ROUND	RUB.	RUBBER
CIRC.	CIRCULAR	RUB.	RUBBER	S.	SOUTH
CLDG.	CLADDING	S.C.R.	SHOWER CURTAIN ROD	S.D.	SOAP DISPENSER
CLG.	CEILING	S.F.	SQUARE FEET	S.R.	SHEET RUBBER
CLG. HT.	CEILING HEIGHT	S.R.	SHEET RUBBER	S.N.D.	SAN NAPKIN DISPENSER
CL.	CLEAR	S.N.D.	SAN NAPKIN DISPENSER	S.S.D.	SEE STRUCTURAL DRAWING
CLR.	CLEAR	S.S.K.	SERVICE SINK	S.S.T.	STAINLESS STEEL
CONTR.	COUNTER	S.S.T.	STAINLESS STEEL	S.V.	SHEET VINYL
COL.	COLUMN	SCHED.	SCHEDULED	SCHED.	SCHEDULED OR SCHEDULED
CONC.	CONCRETE	SECUR.	SECURITY	SECUR.	SECURITY
CONC. FLR.	CONCRETE FLOOR	SHR.	SHOWER	SHT.	SHEET
CONC. OPNG.	CONCRETE OPENING	SHT.	SHEET	SHTG.	SHEATHING
CONF.	CONFERENCE	SHTG.	SHEATHING	SIM.	SIMILAR
CONN.	CONNECTION	SIM.	SIMILAR	SLD.	SOLID
CONT.	CONTINUOUS	SPEC.	SPECIFICATION	SPEC.	SPECIFICATION
CORR.	CORRIDOR	SPKR.	SPEAKER	SPKR.	SPEAKER
CPT.	CARPET	SPKLR.	SPEAKER	SQ.	SQUARE
•CTR.	CENTER	STA.	STATION	STA.	STATION
D.F.	DRINKING FOUNTAIN	STD.	STANDARD	STD.	STANDARD
D.W.	DISH WASHER	STL.	STEEL	STL.	STEEL
DBL.	DOUBLE	S.T.S.	SHEET METAL SCREW	STR.	STRIP
DEMO.	DEMOLITION	STR.	STRIP	STN.	STONE
DEPT.	DEPARTMENT	STR.	STRIP	STRL.	STRUCTURAL
DET.	DETAIL	STR.	STRIP	STRUCT.	STRUCTURE
DIA.	DIAMETER	STR.	STRIP	SUSP.	SUSPENDED
DIAG.	DIAGONAL	STR.	STRIP	SYM.	SYMMETRICAL
DIM.	DIMENSION	STR.	STRIP	T.	TREAD
DISP.	DISPENSER	T.&G.	TONGUE AND GROOVE	T.&G.	TONGUE AND GROOVE
DMPF.	DAMP PROOFING	T.B.	TOWEL BARTIE BACK	T.B.	TOWEL BARTIE BACK
DN.	DOWN	T.C.	TOP OF CURB	T.C.	TOP OF CURB
DR.	DOOR	T.O.	TOP OF	T.O.	TOP OF
DS.	DOWNSPOUT	T.O.B.	TOP OF BEAM	T.O.B.	TOP OF BEAM
DWG.	DRAWING	T.O.C.	TOP OF CONCRETE	T.O.C.	TOP OF CONCRETE
DWR.	DRAWER	T.O.P.	TOP OF PARAPET	T.O.P.	TOP OF PARAPET
•(E)	EXISTING	T.P.	TOP OF PAVEMENT	T.P.	TOP OF PAVEMENT
E.H.D.	ELECTRICAL HAND DRYER	T.P.D.	TOILET PAPER DISPENSER	T.P.D.	TOILET PAPER DISPENSER
E.J.	EXPANSION JOINT	T.V.	TELEVISION	T.V.	TELEVISION
E.P.	ELECTRICAL PANELBOARD	T.O.W.	TOP OF WALL	T.O.W.	TOP OF WALL
E.S.	ELASTOMERIC	T.S.	TUBE STEEL	T.S.	TUBE STEEL
E.A.	EACH	TEL.	TELEPHONE	TER.	TERRAZZO
EL.	ELEVATION	TER.	TERRAZZO	THK.	THICK
ELAST.	ELASTOMERIC	THRES.	THRESHOLD	TKBD.	TACKBOARD
ELEC.	ELECTRICAL	TYP.	TYPICAL	•U.N.O.	UNLESS NOTED OTHERWISE
ELEV.	ELEVATOR OR ELEVATION	•U.O.N.	UNLESS OTHERWISE NOTED	U.O.N.	UNLESS OTHERWISE NOTED
EMER.	EMERGENCY	•V.B.	VAPOR BARRIER	V.C.T.	VINYL COMPOSITION TILE
ENCL.	ENCLOSURE	V.G.	VERTICAL GRAIN	V.G.	VERTICAL GRAIN
ENGR.	ENGINEER	V.I.F.	VERIFY IN FIELD	V.I.F.	VERIFY IN FIELD
ENTR.	ENTRANCE	V.PLAS.	VENEER PLASTER	VAC.	VACUUM
EQ.	EQUAL	VENT.	VENTILATION	VERT.	VERTICAL
EQUIP.	EQUIPMENT	VEST.	VESTIBULE	•W	WEST OR WIDE
EXP.	EXPANSION	W.	WITH	W.	WITH
EXP. BT.	EXPANSION BOLT	W.B.	WALL BUMPER	W.C.	WATER CLOSET
EXT.	EXTERIOR	W.C.	WATER CLOSET	W.G.	WALL GUARD
•F.A.	FIRE ALARM	W.O.	WHERE OCCURS	W.O.	WHERE OCCURS
F.A.A.P.	FIRE ALARM ANNUNCIATOR PANEL	W.S.	WOOD SCREW	W.S.	WOOD SCREW
F.D.	FLOOR DRAIN	W.W.M.	WELDED WIRE MESH	W.D.	WOOD
F.D.C.	FIRE DEPARTMENT CONNECTION	W.D.	WOOD	W.P.	WATERPROOF OR WATERPROOFING
F.E.	FIRE EXTINGUISHER	W.S.C.T.	WANSICOT	W.S.C.T.	WANSICOT
F.E.C.	FIRE EXTINGUISHER CABINET	WT.	WEIGHT	WT.	WEIGHT
F.F.	FINISH FLOOR	•X	TIMES OR BY (2x4)	•X	TIMES OR BY (2x4)
FIN.	FINISH	•YD.	YARD	•YD.	YARD
FIXT.	FIXTURE				
FLR.	FLOOR				
FLASH.	FLASHING				
FLEX.	FLEXIBLE				
FLUOR.	FLUORESCENT				
F.O.	FACE OF				
F.O.C.	FACE OF CONCRETE				
F.O.F.	FACE OF FINISH				
F.O.S.	FACE OF STUD				
F.T.	FIRE TREATED				
FP.	FIRE PROOFING				
FT.	FOOT/FEET				
FTG.	FOOTING				
FURR.	FURRING				
FUT.	FUTURE				
•G.B.	GRAB BAR				
GA.	GAUGE				
GALV.	GALVANIZED				
GL.	GLASS				
GLU. LAM.	GLUE LAMINATED WOOD				
GND.	GROUND				
GR.	GRADE				
GROM.	GROMMET				
GYP.	GYPSON				
G.W.B.	GYPSON BOARD				



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 (CBC 1133B8.2) 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.
 - 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 SEIPLE ARCHITECTS

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DATES 03/07/11

SIGNED

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SHEET TITLE
PHASE I & PHASE II CODE ANALYSIS, ABBREVIATIONS

SHEET #
T.5

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\T.5 - Phase I and Phase II Code Analysis Reference Code Compliance, Abb. Symbols.dwg, 3/7/2011 11:10:44 AM, PDF995

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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DATES 03/07/11 SUBITTAL

SIGNED

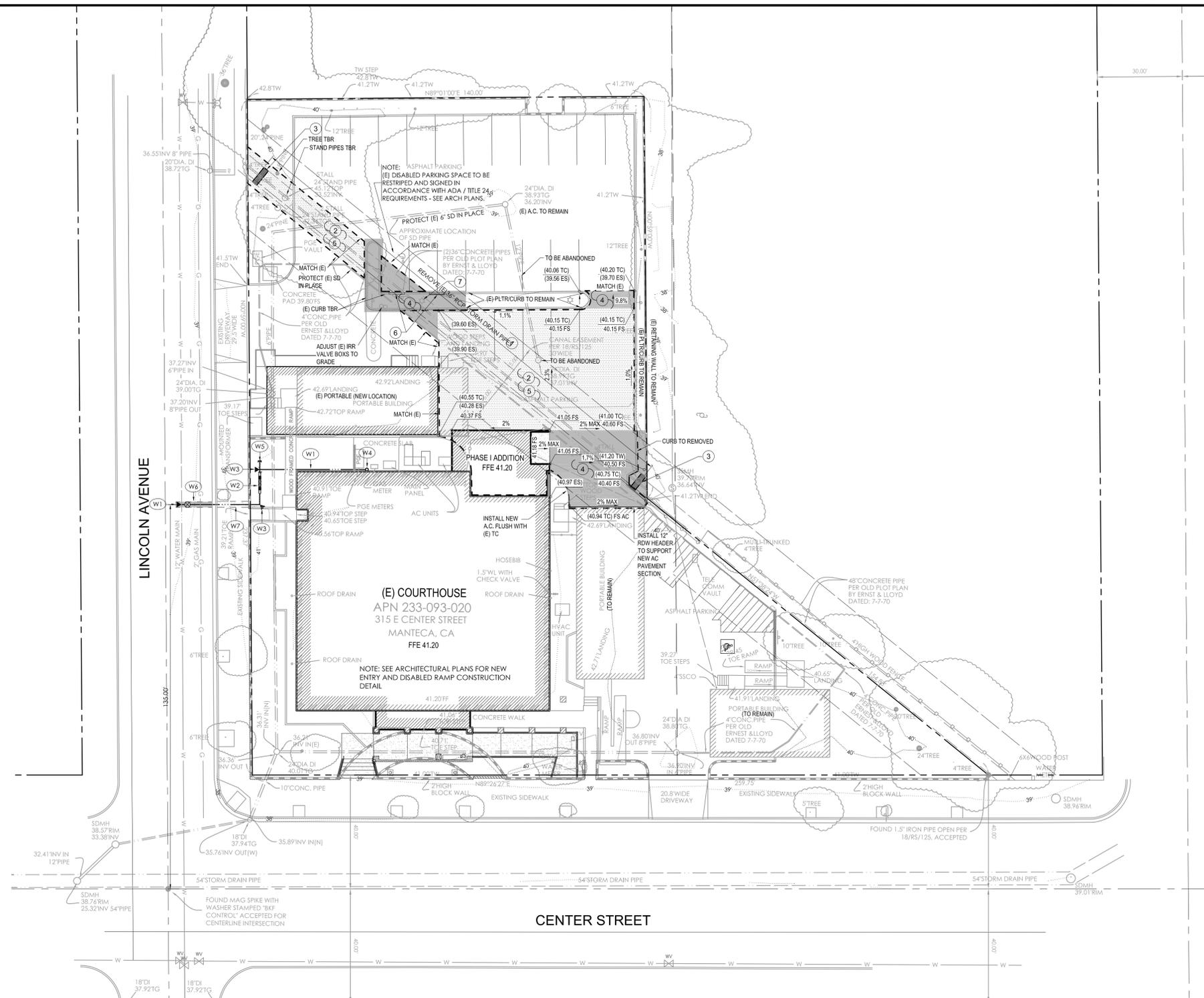


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SHEET TITLE PHASE I GRADING, DRAINAGE AND UTILITY PLAN

SHEET #

C1



LEGEND:

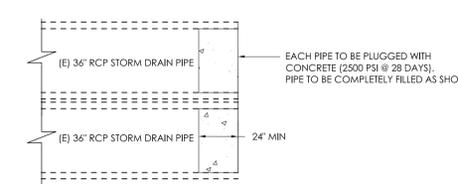
- NEW CLASS II BASE SECTION
- NEW AC PAVEMENT SECTION
- LIMITS OF AC PAVEMENT REMOVAL
- PROPERTY LINE / ROW

ABBREVIATIONS:

- AC - ASPHALT CONCRETE
- BLDG - BUILDING
- CONG - CONCRETE
- ES - EXISTING SURFACE
- TC - TOP OF CURB
- (E) - EXISTING
- FFE - 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.



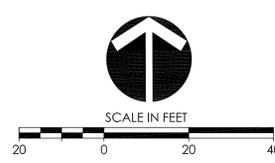
(E) STORM DRAIN PLUG DETAIL

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:
- 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.
 - 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.
 - CONSTRUCT THRUST BLOCK PER CITY STD DETAIL W-4.
 - PROVIDE FIRE SPRINKLER RISER PER FIRE SPRINKLER DESIGN. SEE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
 - STUB AND CAP NEW 4" FIRE SERVICE FOR FUTURE EXTENSION. VERIFY FIRE SERVICE SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - CONSTRUCT NEW A.C. TRENCH REPAIR PER CITY STANDARDS AND SPECIFICATIONS.
 - 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

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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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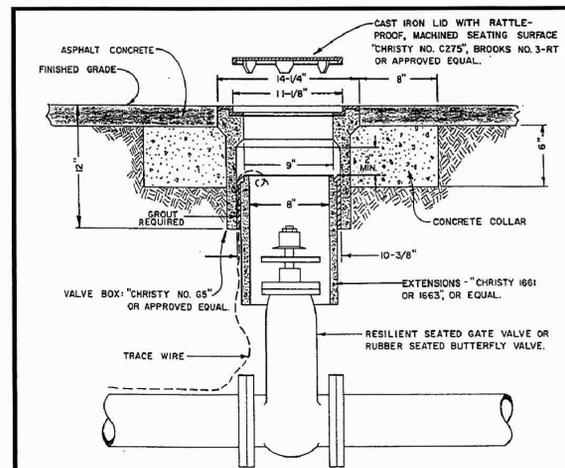
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SHEET TITLE
CONSTRUCTION DETAILS

SHEET #

C2

Preliminary - Not for Construction



NOTES:

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

NO.	REVISED	BY	APPROVED BY:
4	OCT. 2003	JH	<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
DRAWN BY: C. SABERTON			DRAWING NO. W-6
CHECKED BY: J. PODESTA			DATE: JAN. 1988
SCALE: NONE			

STANDARD VALVE BOX
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS

TYPE OF FITTING	TEE AND DEAD END	CROSS WITH FUTURE EXTENSION	VERTICAL BEND			FIRE HYDRANT	
			22 1/2"	45°	90°		
THRUST BLOCK DESCRIPTION						ALL LINES TO FIRE HYDRANTS SHALL BE 6 INCHES AND HAVE A MINIMUM THRUST BLOCK AREA OF 6 SQ. FT.	
	4" B 6"	4 FT ²	4 FT ²	2 FT ²	3 FT ²		5 FT ²
	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:

1. 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.
2. ALL THRUST BLOCKS SHALL BE MADE OF CLASS "B" CONCRETE WITH A MINIMUM CRUSHING STRENGTH OF 2,000 PSI AT 28 DAYS.
3. ALL BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL. THE BLOCKS SHALL BE PLACED SO THAT JOINTS AND FITTINGS WILL BE ACCESSIBLE FOR REPAIRS.
4. FOR VERTICAL BENDS, ALL METALLIC TIE DOWNS SHALL BE ENCASED WITH POLYETHYLENE WRAP (8 MIL. MIN.) AS SPECIFIED IN AWWA C105.
5. ALL THRUST BLOCKS SHALL BE A MINIMUM 18" THICK.
6. THRUST BLOCKS AT FUTURE EXTENSIONS SHALL NOT EXCEED 24".

NO.	REVISED	BY	APPROVED BY:
1	FEB. 1992	JK	<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
DRAWN BY: J. KOESTER			DRAWING NO. W-5
CHECKED BY: J. PODESTA			DATE: FEB 1992
SCALE: NONE			

REQUIRED BEARING AREA OF THRUST BLOCK
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS

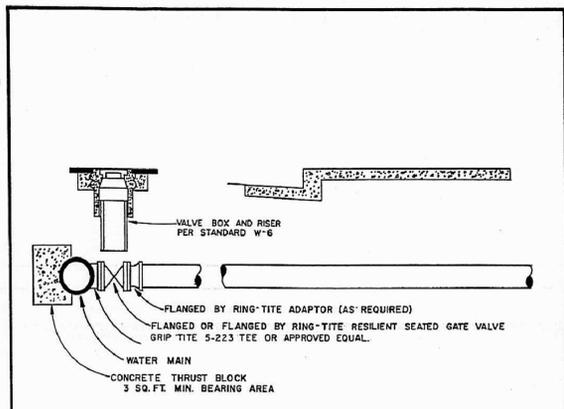
TYPE OF FITTING	90° BEND	45° BEND	1 1/4" OR 2 1/2" BEND
THRUST BLOCK DESCRIPTION	4" B 6"	4 FT ²	2 FT ²
	8"	7	2
	10"	11	3
	12"	15	5
	14"	20	8
	16"	25	12

NOTES:

1. 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.
2. ALL THRUST BLOCKS SHALL BE MADE OF CLASS "B" CONCRETE WITH A MINIMUM CRUSHING STRENGTH OF 2,000 PSI AT 28 DAYS.
3. ALL BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL. THE BLOCKS SHALL BE PLACED SO THAT JOINTS AND FITTINGS WILL BE ACCESSIBLE FOR REPAIRS.
4. FOR VERTICAL BENDS, ALL METALLIC TIE DOWNS SHALL BE ENCASED WITH POLYETHYLENE WRAP (8 MIL. MIN.) AS SPECIFIED IN AWWA C105.
5. ALL THRUST BLOCKS SHALL BE A MINIMUM 18" THICK.

NO.	REVISED	BY	APPROVED BY:
1	FEB. 1992	JK	<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
DRAWN BY: J. KOESTER			DRAWING NO. W-4
CHECKED BY: J. PODESTA			DATE: FEB 1992
SCALE: NONE			

REQUIRED BEARING AREA OF THRUST BLOCK
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS

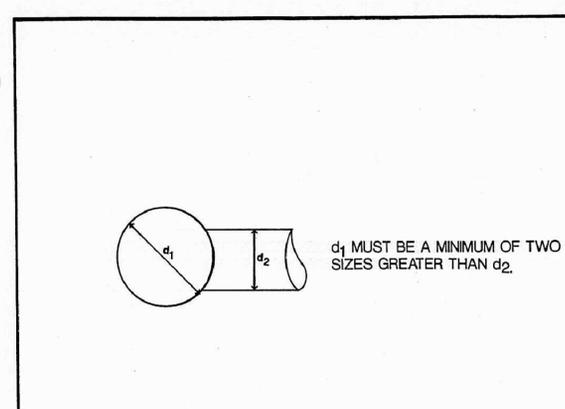


NOTES:

1. WATER METER TO BE INSTALLED ABOVE GROUND IN ACCORDANCE WITH CITY STANDARD W-16. WATER METER WILL BE SUPPLIED AND INSTALLED BY CITY.
2. RESILIENT SEATED GATE VALVES, PER CITY STANDARD W-6, ARE REQUIRED FOR VALVE SIZES 2 THROUGH 12 INCHES.
3. RUBBER SEATED BUTTERFLY VALVES ARE REQUIRED FOR VALVES LARGER THAN 12 INCHES.
4. IF C-900 PIPE IS USED, MECHANICAL JOINTS MUST BE USED.
5. 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.
6. THE USE OF GALVANIZED PIPE IS NOT PERMITTED.

NO.	REVISED	BY	APPROVED BY:
2	FEB. 1992	JK	<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
DRAWN BY: J. KOESTER			DRAWING NO. W-11
CHECKED BY: J. PODESTA			DATE: JAN. 1988
SCALE: NONE			

STANDARD WATER SERVICE INSTALLATION 3" & LARGER
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS



APPROVED TAPPING SLEEVES: (STAINLESS STEEL)

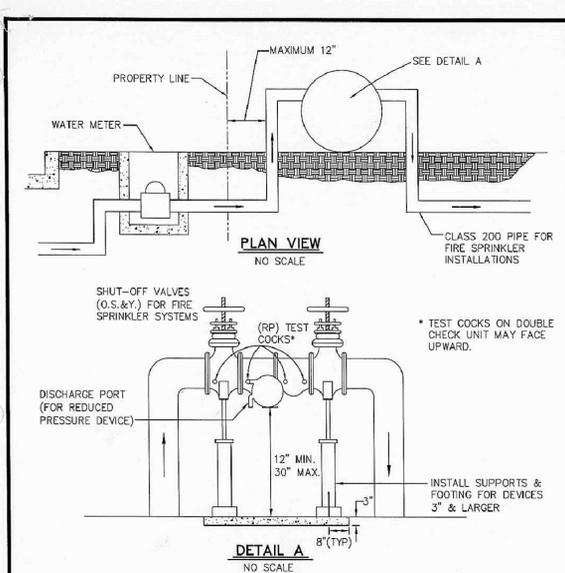
- 1) ROMAC SST
- 2) ROCKWELL 663
- 3) FORD FAST
- 4) APPROVED EQUAL

APPROVED TAPPING VALVES: (MUST BE RESILIENT SEAT)

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

NO.	REVISED	BY	APPROVED BY:
DRAWN BY: J. KOESTER			<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
CHECKED BY: J. PODESTA			DRAWING NO. W-14
SCALE: NONE			DATE: FEB 1992

HOT TAPS
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS



NOTES:

1. 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.
2. DEVICES MUST BE TESTED AND APPROVED BY A CITY APPROVED CERTIFIED TESTER PRIOR TO CITY ACCEPTANCE.
3. TEST COCKS AND SHUT OFF VALVES MUST BE SUPPLIED AS SHOWN.
4. THE DISCHARGE PORT MUST BE KEPT CLEAR OF OBSTRUCTION AT ALL TIMES.
5. BACKFLOW DEVICE SHALL BE VISIBLE FROM THE STREET.
6. DEVIATION FROM THE INSTALLATION SHOWN ABOVE MUST RECEIVE PRIOR CITY APPROVAL.
7. FIRE SPRINKLER SYSTEM BACKFLOW DEVICES SHALL HAVE A WORKING PRESSURE OF 175 PSI.
8. THE CONCRETE FOOTING SHALL BE FINISHED. CONCRETE MUST BE MIXED IN TRANSIT - NO TRAILER HAULED MIX.
9. ONE UNION IS REQUIRED ON ALL NON-FLANGED PLUMBING INSTALLATIONS.

NO.	REVISED	BY	APPROVED BY:
8	APRIL, 2004	JR1	<i>Michael J. Bortner</i> DIRECTOR OF PUBLIC WORKS
DRAWN BY: J. KOESTER			DRAWING NO. W-15
CHECKED BY: J. PODESTA			DATE: MAY, 1985
SCALE: NONE			

REDUCED PRESSURE/DOUBLE CHECK VALVE BACKFLOW PREVENTION DEVICE INSTALLATION
CITY OF MANTECA
DEPARTMENT OF PUBLIC WORKS

C:\Users\Ground\AppData\Local\Microsoft\Windows\CurrentVersion\Temp\03-29-11 03:29 PM Ground Up

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
SAN LUIS OBISPO
CALIFORNIA 93401

805 544-6161

www.fraserseiplearchitects.com

PROJECT MANAGER BDF

DRAWN BY DL

DATES 03/07/11

SIGNED

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SHEET TITLE

PHASE I SITE DEMOLITION PLAN

SHEET #

D1

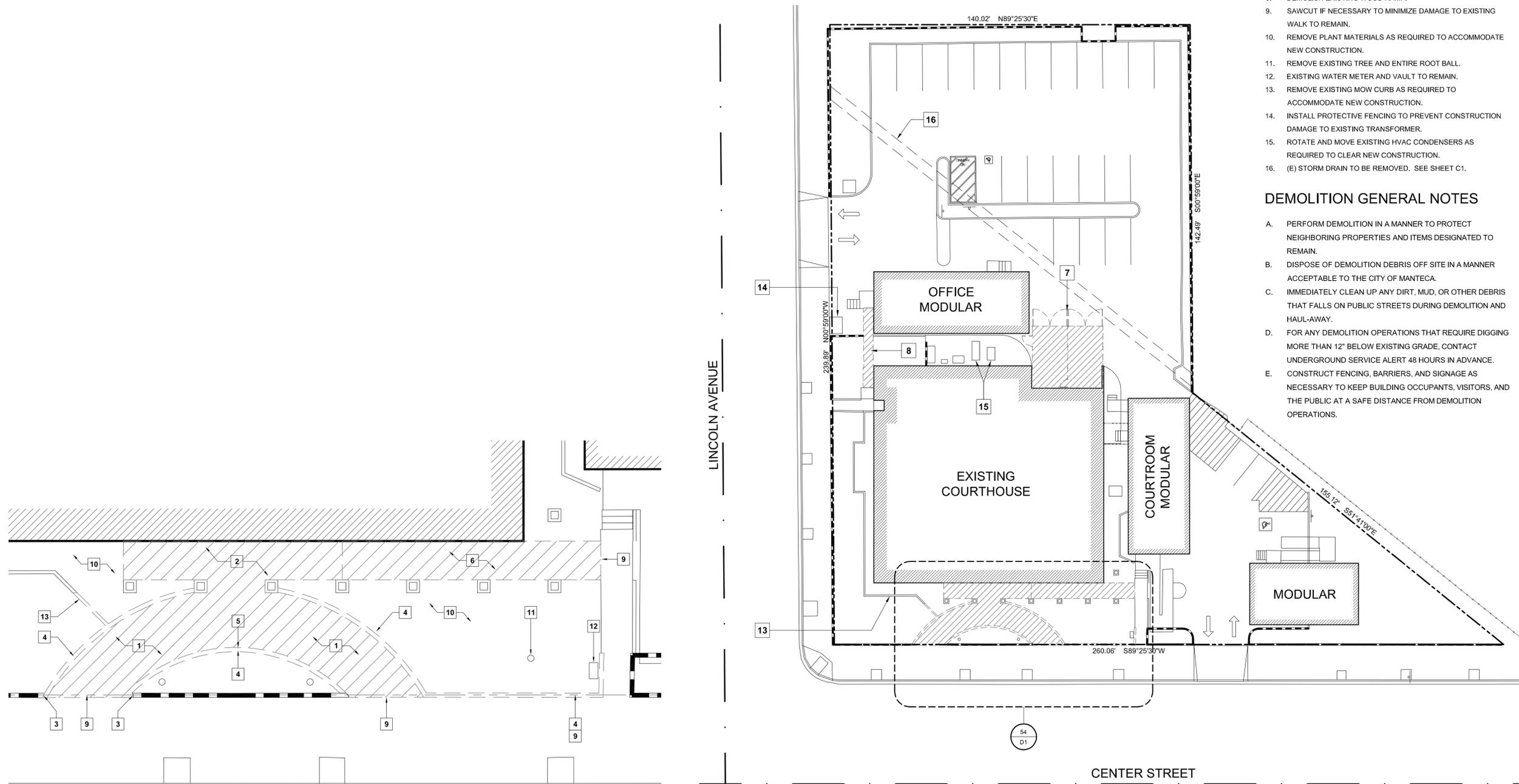
- EXISTING TO REMAIN
- - - EXISTING TO BE DEMOLISHED

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.



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

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

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

PROJECT

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

**MANTECA BRANCH
SITE AND BUILDING
IMPROVEMENTS**

PHASE 1

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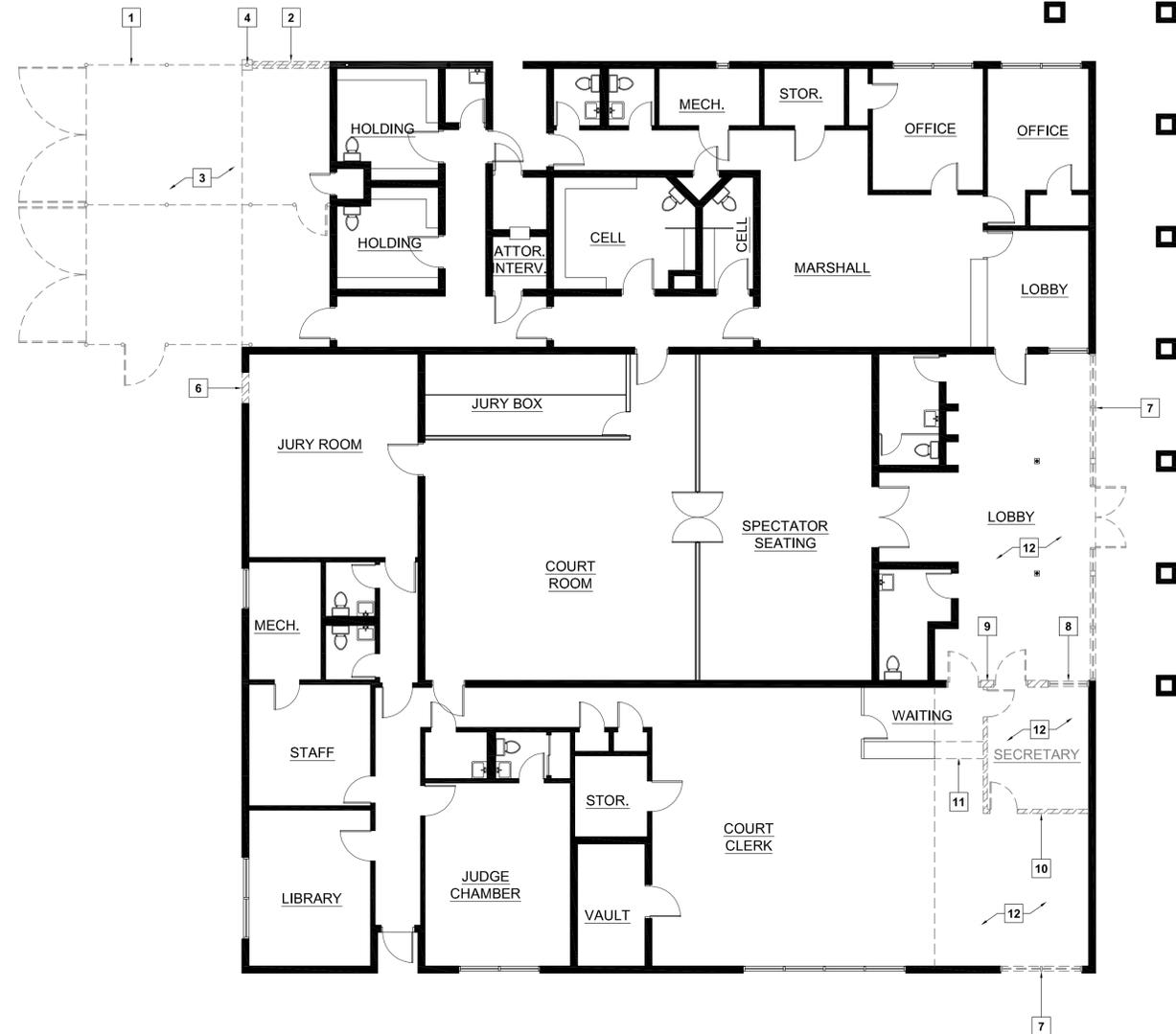
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SHEET TITLE

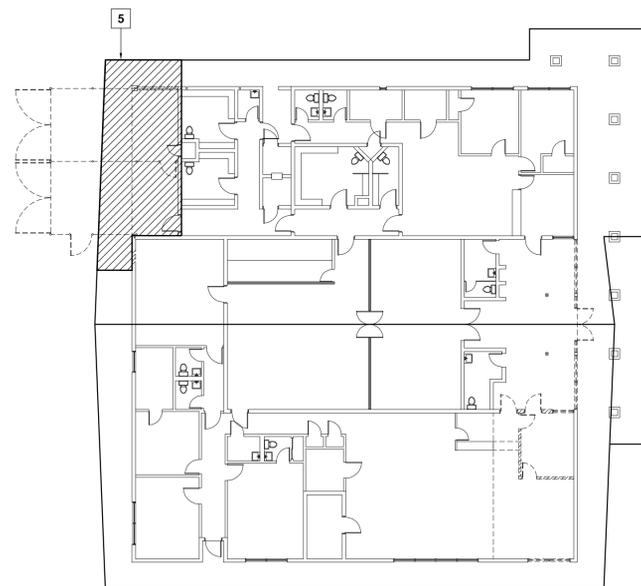
**PHASE I
DEMOLITION
FLOOR PLAN,
ROOF PLAN**

SHEET #

D2



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



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

LEGEND

- EXISTING WALL TO REMAIN AND PROTECT
- EXISTING TO BE REMOVED

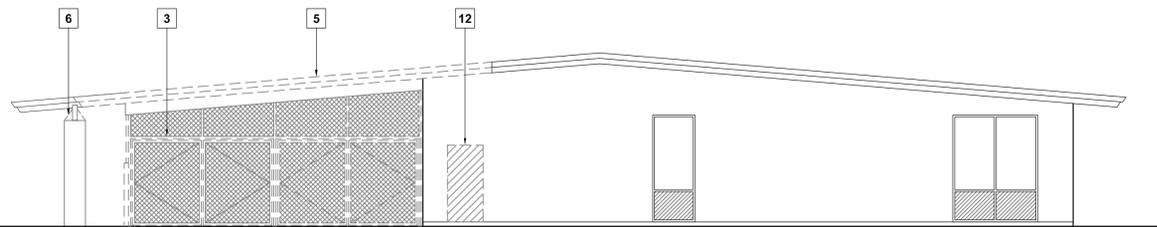
KEYNOTES:

1. DEMOLISH EXISTING CHAIN LINK SALLYPORT.
2. DEMOLISH EXISTING BLOCK WALL AND PERIMETER FOUNDATION.
3. DEMOLISH CONCRETE SLAB AT SALLYPORT.
4. DEMOLISH EXISTING STRUCTURAL COLUMN AND FOUNDATION.
5. PORTION OF EXISTING ROOF TO BE COMPLETELY DEMOLISHED.
6. SAWCUT OPENING IN EXISTING BLOCK WALL FOR NEW DOOR.
7. DEMOLISH EXISTING STOREFRONT.
8. DOORS, WINDOWS, AND FRAMES TO BE REMOVED AND DELIVERED TO THE OWNER AS DIRECTED.
9. SAWCUT AND DEMOLISH PORTION OF EXISTING INTERIOR BLOCK WALL.
10. EXISTING WOOD FRAMED WALL TO BE DEMOLISHED AND REMOVED FROM SITE; PULL WIRING AND OTHER INSTALLATIONS INTO ATTIC SPACE TO CLEAR NEW CONSTRUCTION.
11. CAREFULLY CUT EXISTING COUNTER AND PROVIDE TEMPORARY SUPPORT.
12. ALL CEILING TILES AND LIGHT FIXTURES IN THIS AREA TO BE REMOVED AND DELIVERED TO THE OWNER AS DIRECTED. CEILING SUSPENSION SYSTEM AND GYPSUM BOARD CEILING SURFACES TO BE REMOVED FROM SITE.

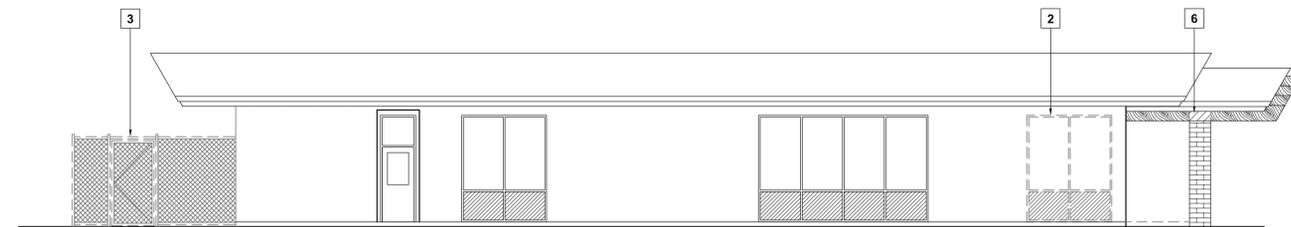
\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\02 - Phase I Demolition Floor Plan.dwg, 3/7/2011 1:13:44 PM, P05995

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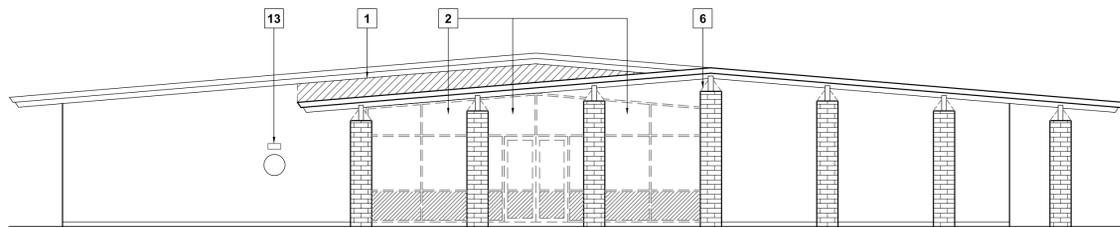
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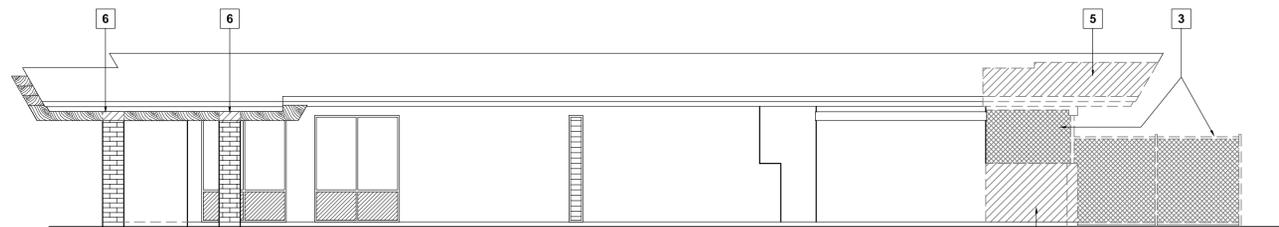
NORTH



WEST



SOUTH



EAST

PHASE I DEMOLITION ELEVATIONS

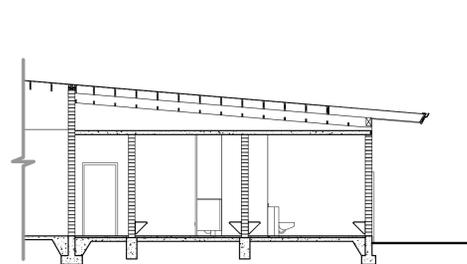
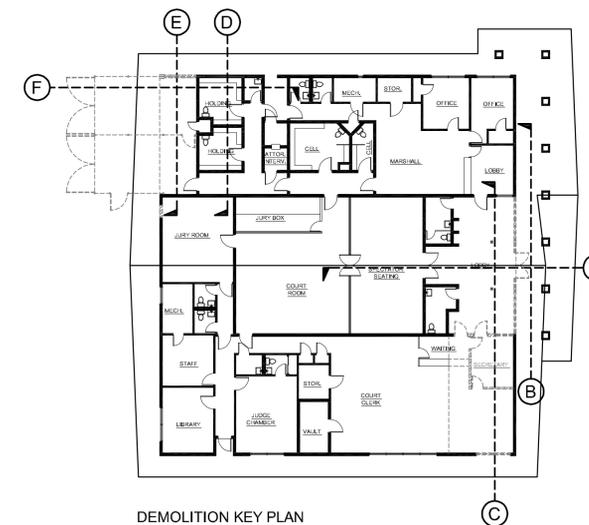
SCALE: 1/8" = 1'-0"

LEGEND

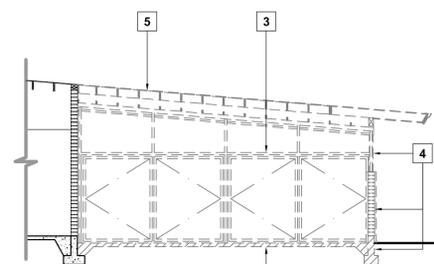
- EXISTING TO REMAIN AND PROTECT
- - - EXISTING TO BE DEMOLISHED

KEYNOTES:

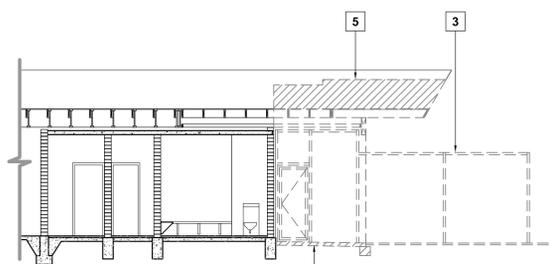
1. EXISTING SIDING TO BE REMOVED.
2. DISASSEMBLE AND REMOVE EXISTING STOREFRONT AND ENTRY DOORS.
3. DISASSEMBLE AND REMOVE EXISTING CHAIN LINK AT SALLYPORT.
4. DEMOLISH EXISTING BLOCK WALL, STRUCTURAL COLUMN, AND PERIMETER FOUNDATION.
5. PORTION OF EXISTING ROOF TO BE DEMOLISHED.
6. METAL FILLERS TO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



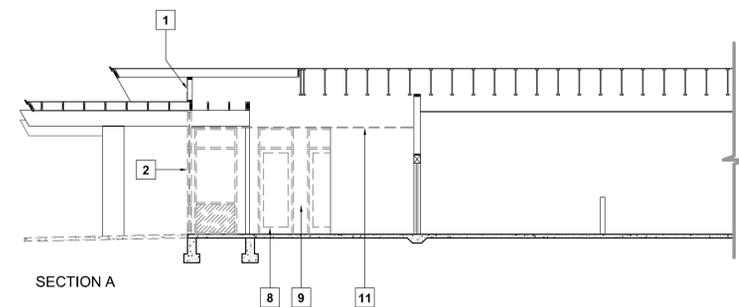
SECTION D



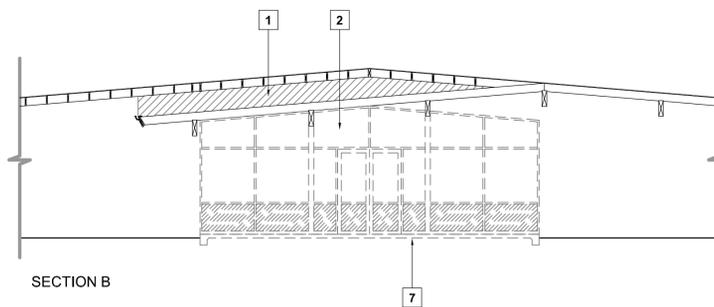
SECTION E



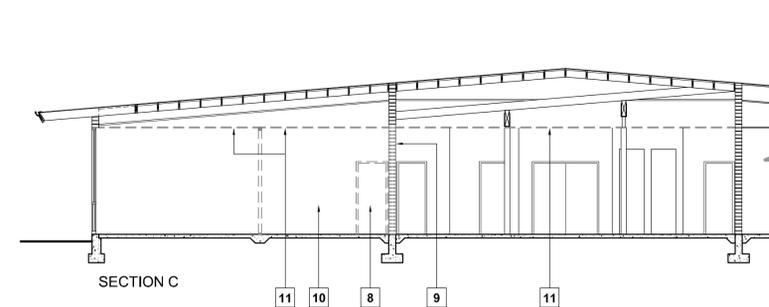
SECTION F



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



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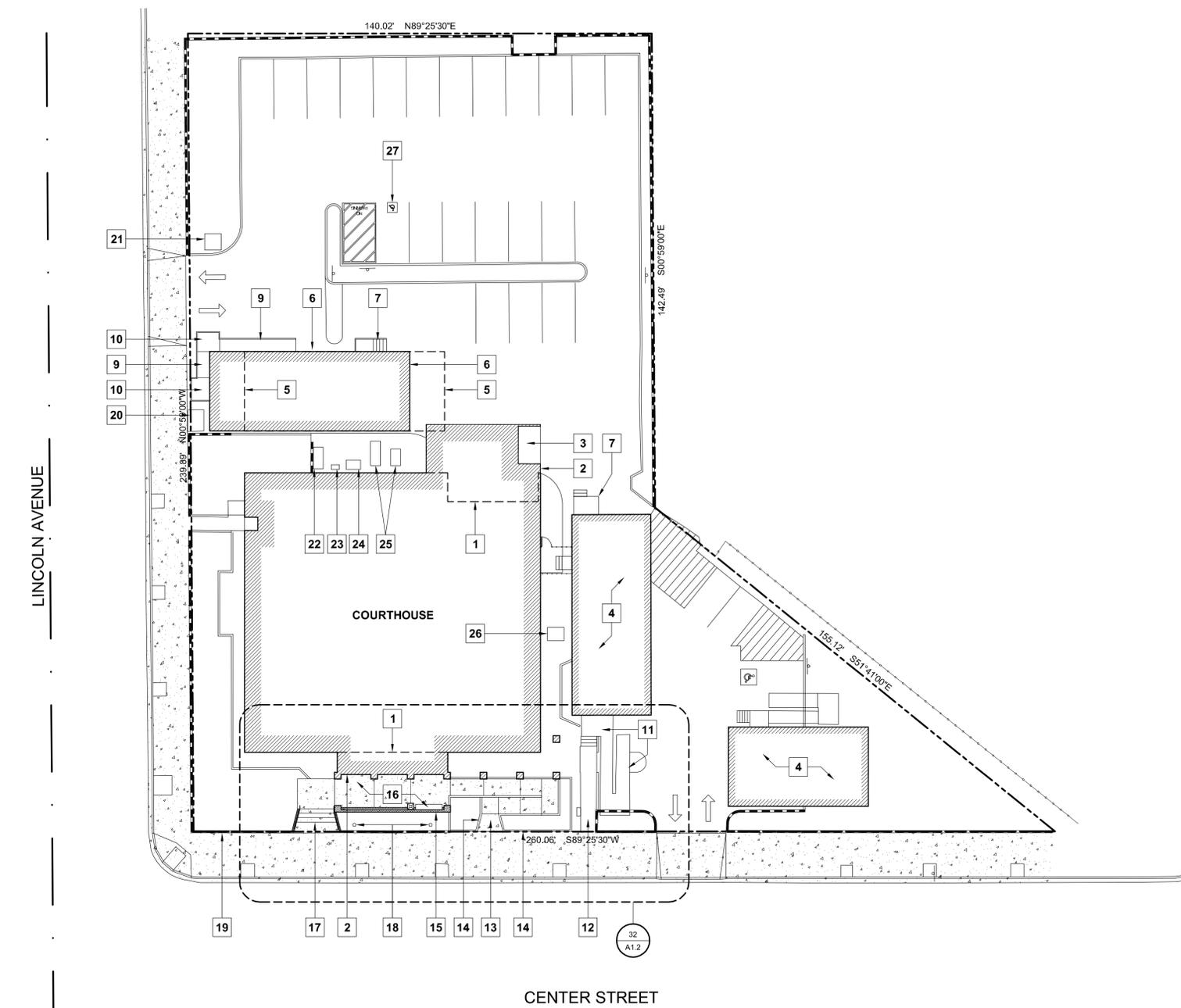
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SHEET TITLE

PHASE I SITE PLAN

SHEET #

A1.1



PHASE 1 SITE PLAN

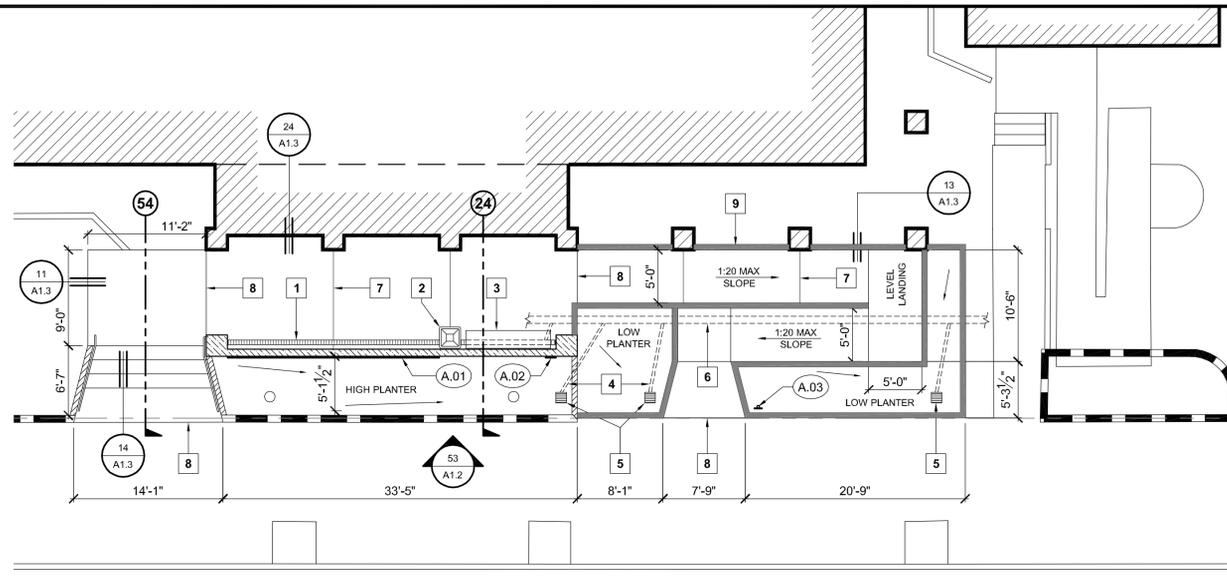
SCALE: 1" = 20'-0"

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. |

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32 PHASE I - ENLARGED SITE PLAN
SCALE: 1/8" = 1'-0"

SITE KEYNOTES

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

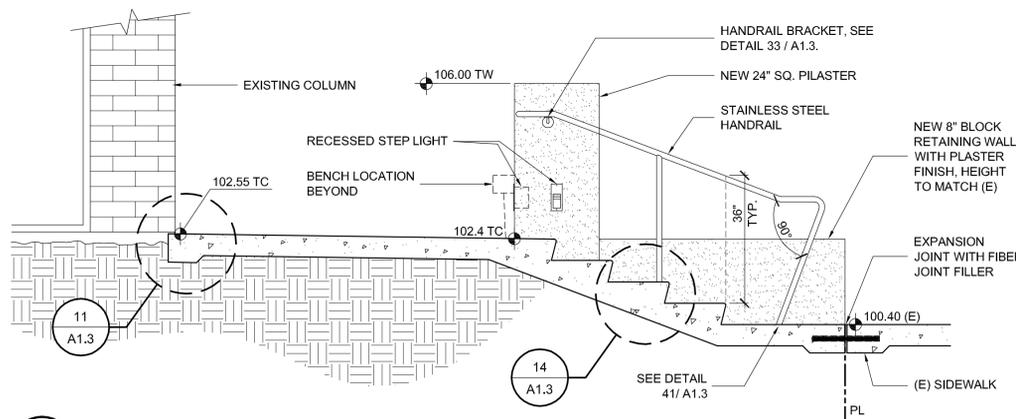
- 8x4x16 CONCRETE BLOCK RETAINING WALL, EXISTING
- NEW 8" CONCRETE BLOCK RETAINING WALL, TOP AT +102.50
- NEW 8" CONC. BLOCK SIGN WALL AND 24" SQ. PILASTERS, TOP AT +106.00
- NEW 6" WIDE CONC. WHEEL GUIDE / CURB, 6" ABOVE RAMP / WALK SURFACE



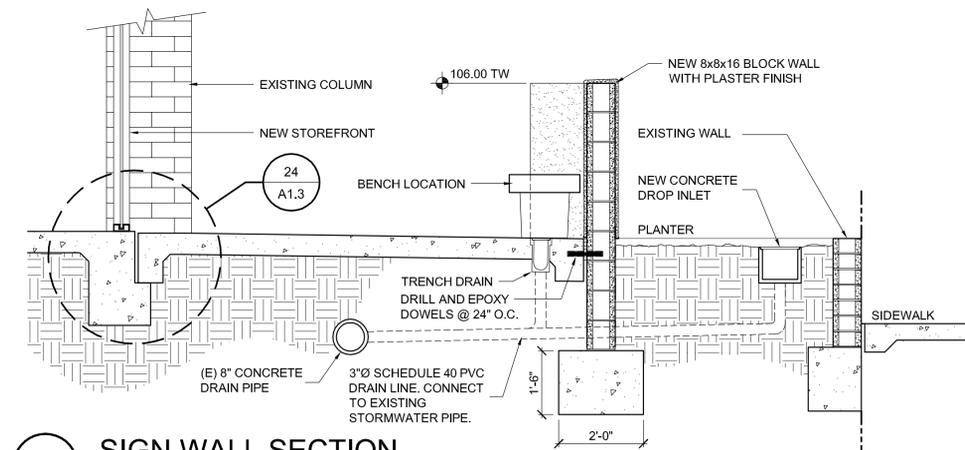
53 SIGN WALL ELEVATION
SCALE: 1/4" = 1'-0"

ELEVATION KEYNOTES

- ALUMINUM COMPOSITE SIGNBOARD.
- RAISED BRUSHED ALUMINUM LETTERS, GILL SANS MT CONDENSED TYPEFACE.
- NEW BLOCK WALL WITH PLASTER FINISH, COLOR TO MATCH (E) BLOCK WALL.
- HANDRAIL.
- NEW CONCRETE STEPS.
- NEW RAMP AT 5% MAX. SLOPE. LINE OF RAMP BEYOND.
- 6" CONCRETE CURB AT PLANTER.
- EXISTING RETAINING WALL TO REMAIN.
- 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.
- GROUND, SACK AND COAT (E) CONCRETE TO MATCH ADJACENT.
- 6" CONCRETE CURB WALL, 6" ABOVE SURFACE OF RAMP.



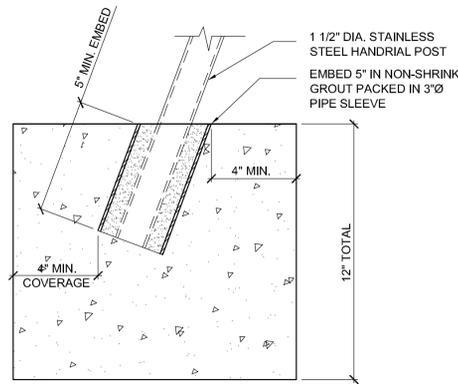
54 STAIR SECTION
SCALE: 1/8" = 1'-0"



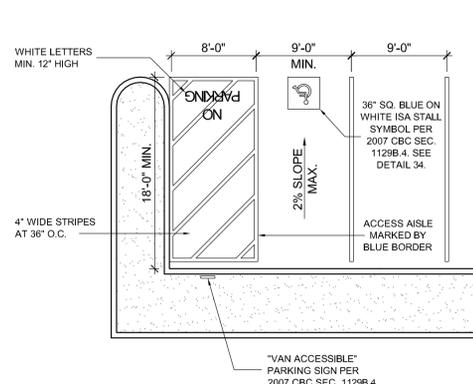
24 SIGN WALL SECTION
SCALE: 1/8" = 1'-0"

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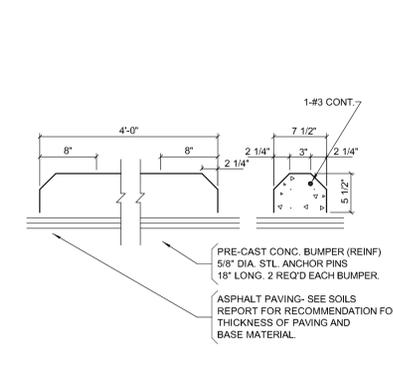
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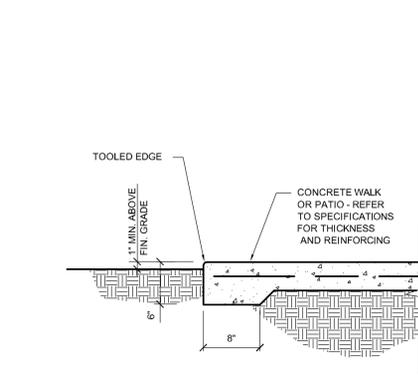
41 HANDRAIL POST
3"= 1'-0"



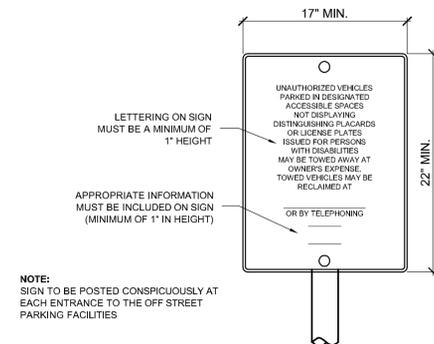
31 VAN ACCESSIBLE PRKG
1/8"= 1'-0"



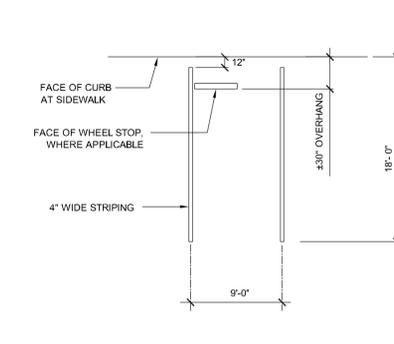
21 WHEEL STOP
1"= 1'-0"



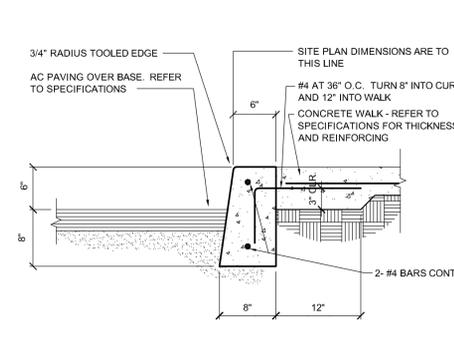
11 WALK / PATIO EDGE
1"= 1'-0"



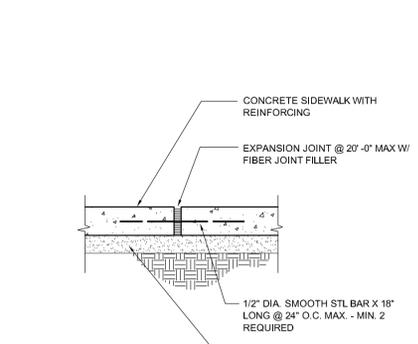
42 UNAUTHORIZED VEHICLE SIGNS
1 1/2"= 1'-0"



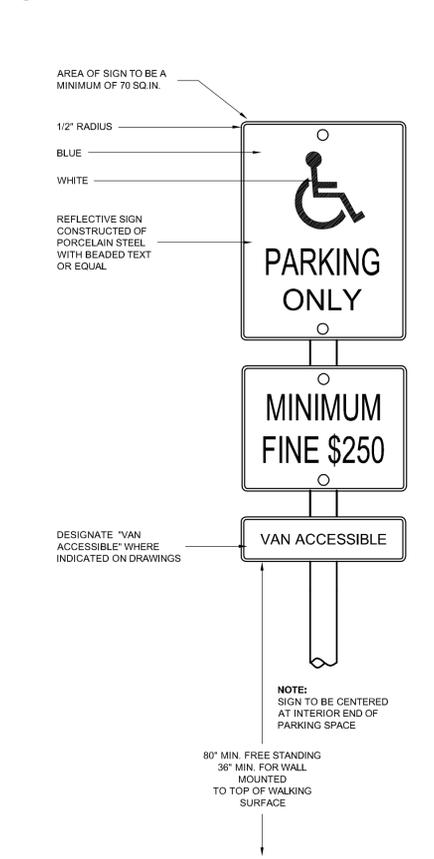
32 PARKING SPACE STRIPING AT 90° PARKING STALLS
NO SCALE



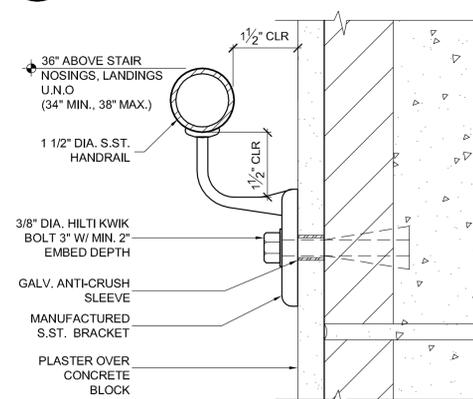
22 CONC. CURB
1"= 1'-0"



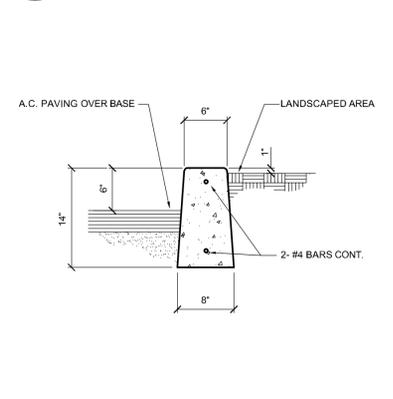
12 EXPANSION JOINT
1"= 1'-0"



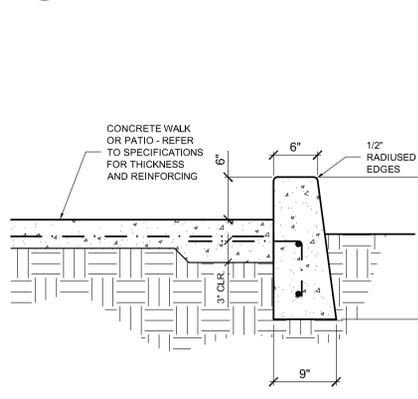
44 PARKING SIGNAGE
1 1/2"= 1'-0"



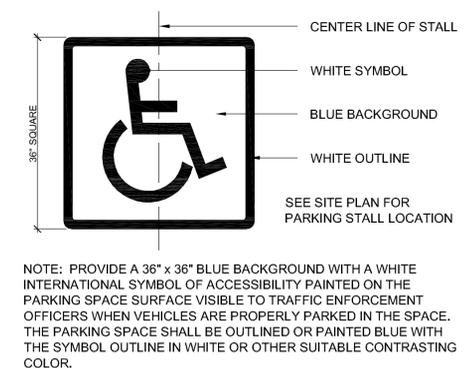
33 HANDRAIL BRACKET
6"= 1'-0"



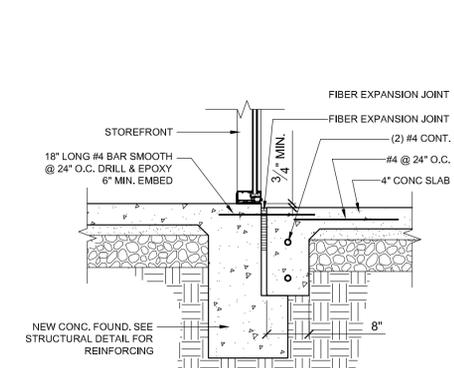
23 CONC. CURB
1"= 1'-0"



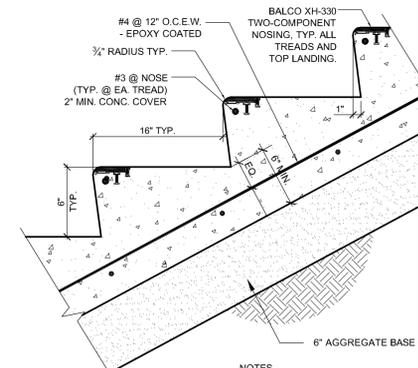
13 WHEEL GUIDE CURB
1"= 1'-0"



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



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



14 CONCRETE STAIRWAY
N.T.S.

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A1.3 - Phase I Site Details.dwg, 3/24/2011 12:48:05 PM, PDF595

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

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SHEET TITLE

PHASE I DESCRIPTIVE FLOOR PLAN

SHEET #

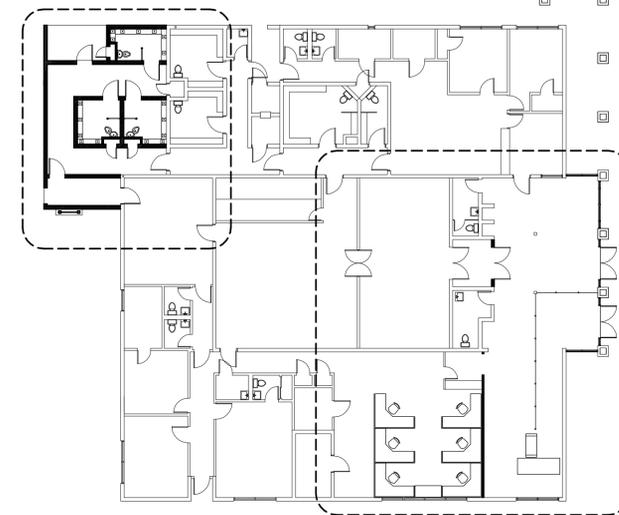
A2.1

LEGEND

- NEW WALL
- EXISTING WALL TO REMAIN

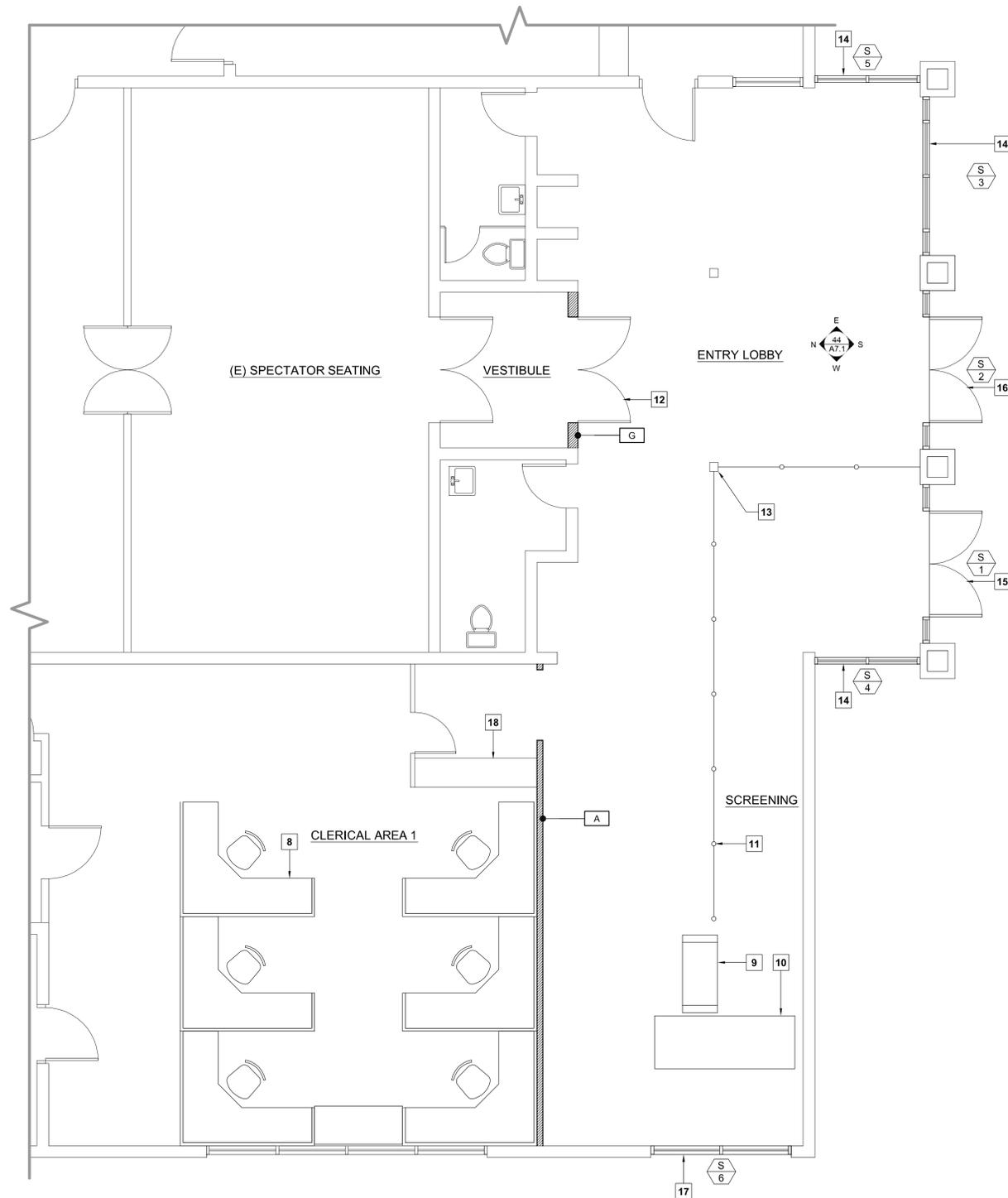
FLOOR PLAN KEYNOTES

1. 2040 SOLID CORE WOOD DOOR.
2. 3070 SOLID CORE STEEL DOOR.
3. "COMBY" TOILET / SINK / BUBBLER.
4. STAINLESS STEEL PRIVACY SCREEN.
5. STAINLESS STEEL 12" FLOOR MOUNTED BENCH.
6. 3070 SOLID CORE WOOD DOOR.
7. 12-1/2"W X 16-1/2" H STAINLESS STL. MIRROR.
8. NEW PREFABRICATED WORK STATIONS AND PARTITIONS.
9. WALK-THROUGH METAL DETECTOR BY OTHERS.
10. PACKAGE SCANNER BY OTHERS.
11. NEW PORTABLE CROWD CONTROL STANCHIONS WITH 48" SOLID PANELS.
12. NEW PAIR OF 3080 SOLID CORE WOOD DOORS.
13. EXISTING STEEL COLUMN TO REMAIN.
14. NEW GLAZED STOREFRONT INFILL.
15. NEW STOREFRONT ENTRY - PUBLIC ENTRANCE.
16. NEW STOREFRONT ENTRY - EXIT
17. STOREFRONT REPLACED WITH TEMPORARY ENTRANCE DURING CONSTRUCTION OF NEW LOBBY.
18. EXISTING SERVICE COUNTER TO REMAIN.
19. OPENING TO BE TEMPORARILY BLOCKED OFF UNTIL PHASE 2 CONSTRUCTION COMMENCES.
20. ROOF ACCESS LADDER.

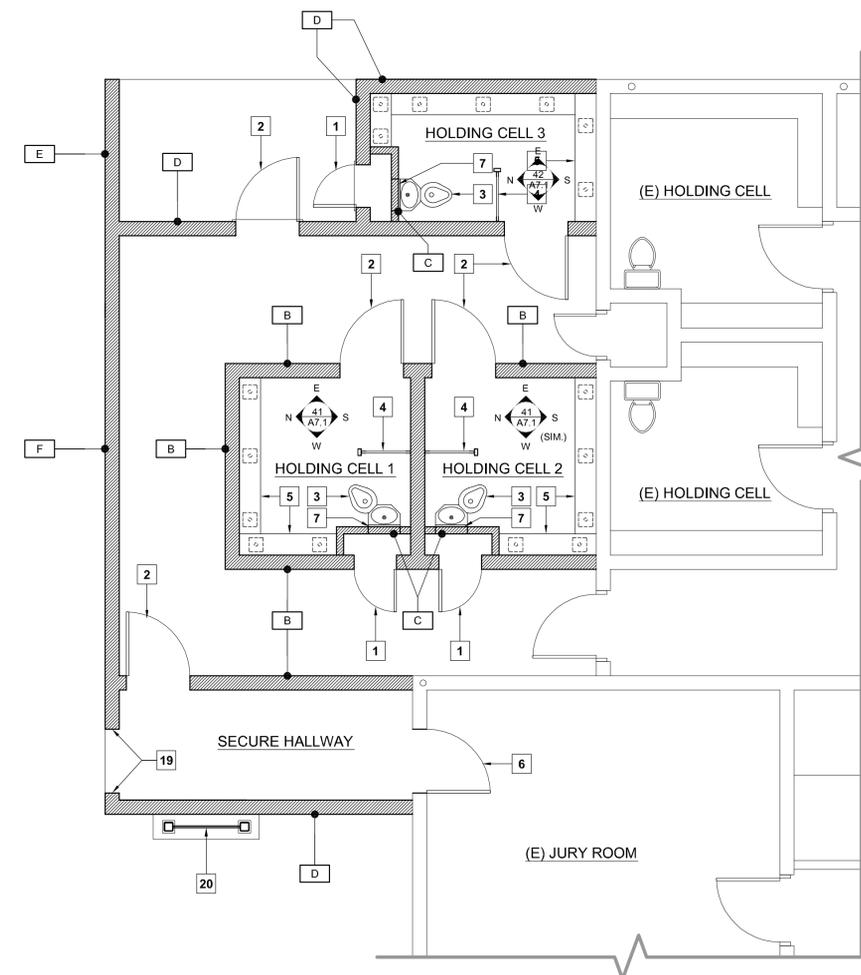


PHASE I KEY PLAN

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

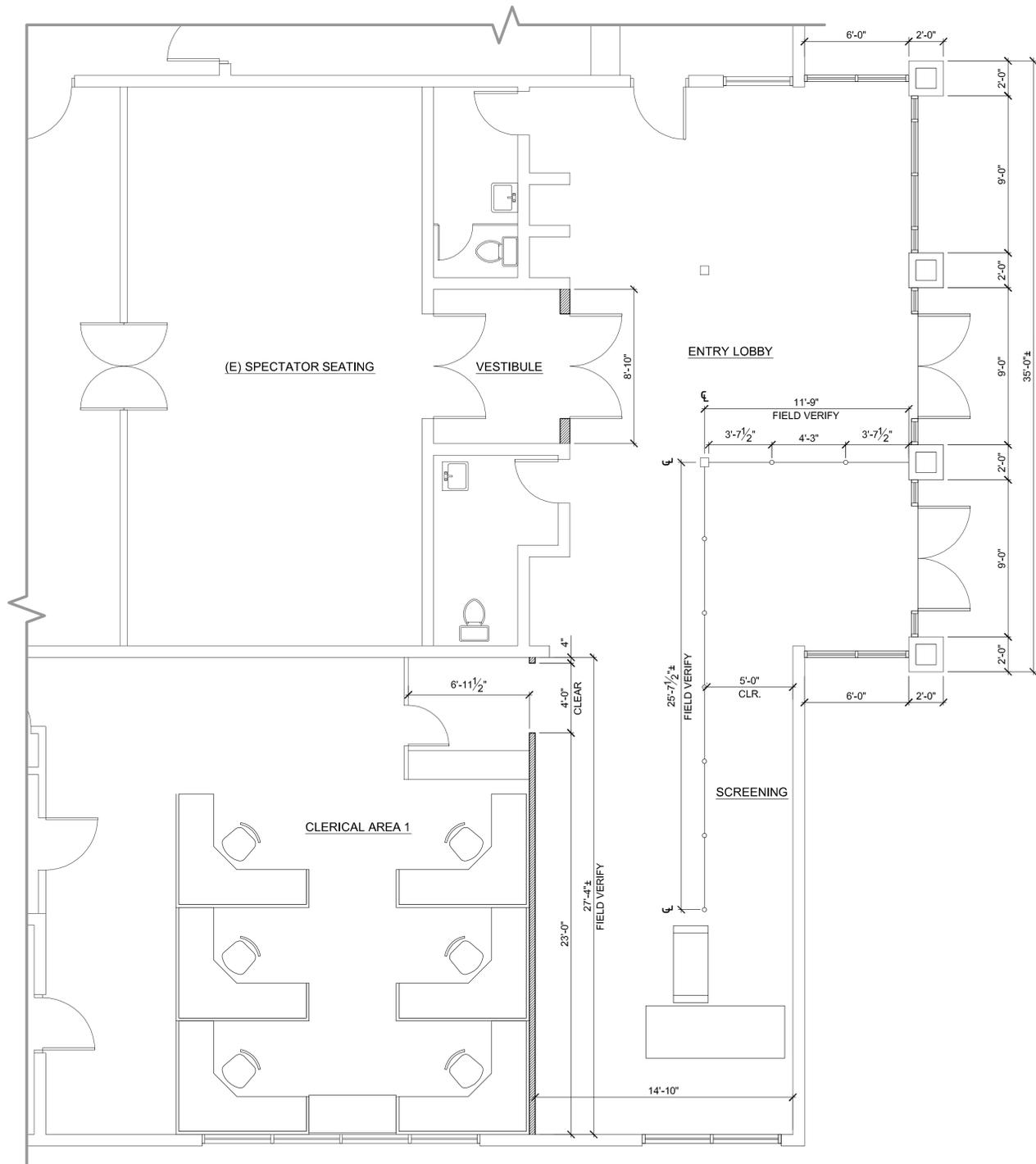


PHASE I FLOOR PLAN - LOBBY
SCALE: 1/4" = 1'-0"



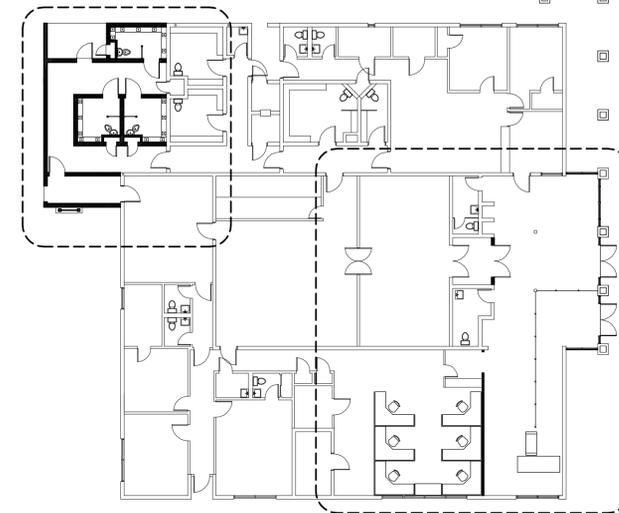
PHASE I FLOOR PLAN - HOLDING CELL ADDITION
SCALE: 1/4" = 1'-0"

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

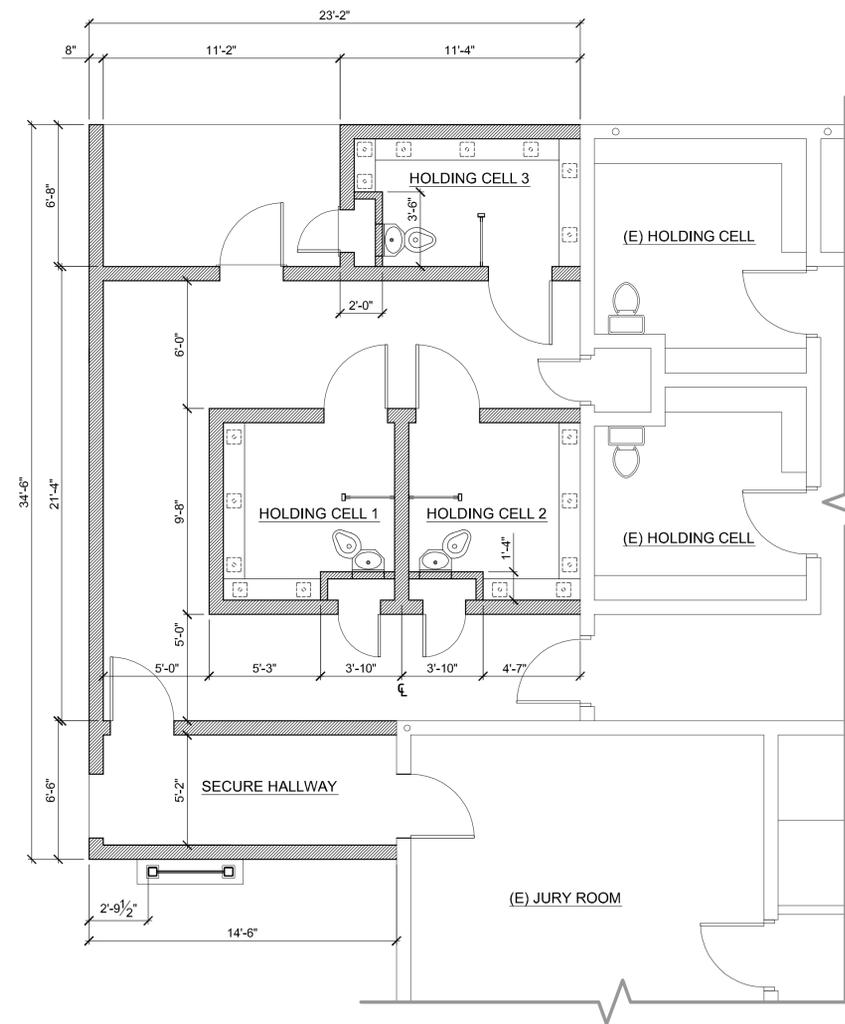


PHASE I FLOOR PLAN - LOBBY
SCALE: 1/4" = 1'-0"

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"

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
DIMENSIONED
FLOOR PLAN**

SHEET #

A2.2

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

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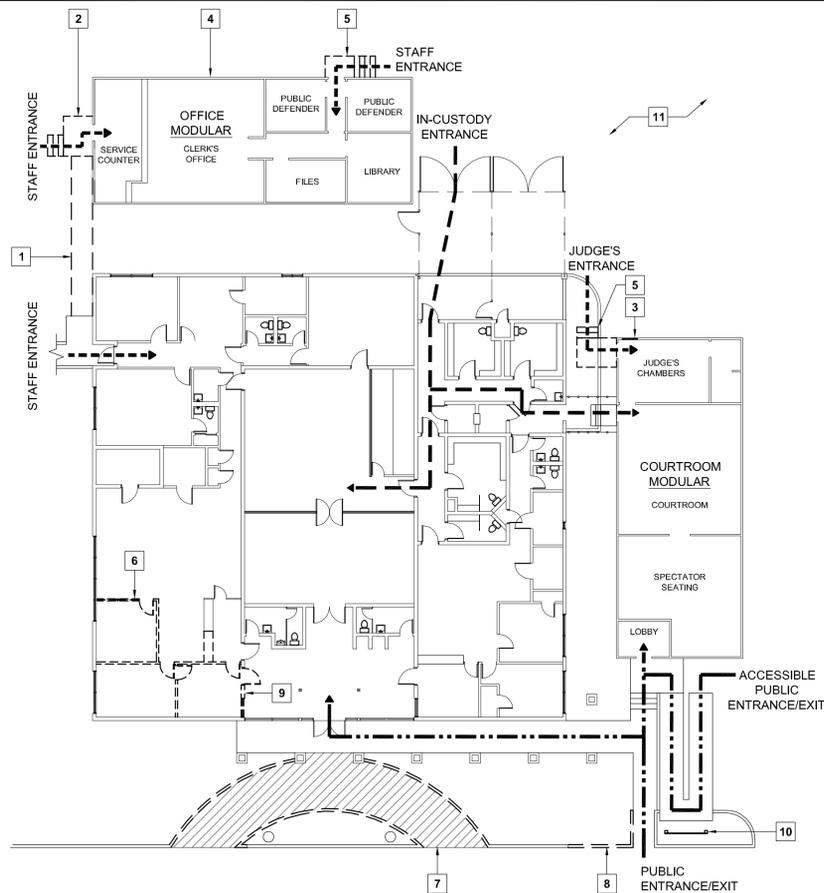
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SHEET TITLE

PHASE I CONSTRUCTION AND RELOCATION STAGING PLAN

SHEET #

A2.3



STAGE 1 - DEMOLITION

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

CIRCULATION LEGEND

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

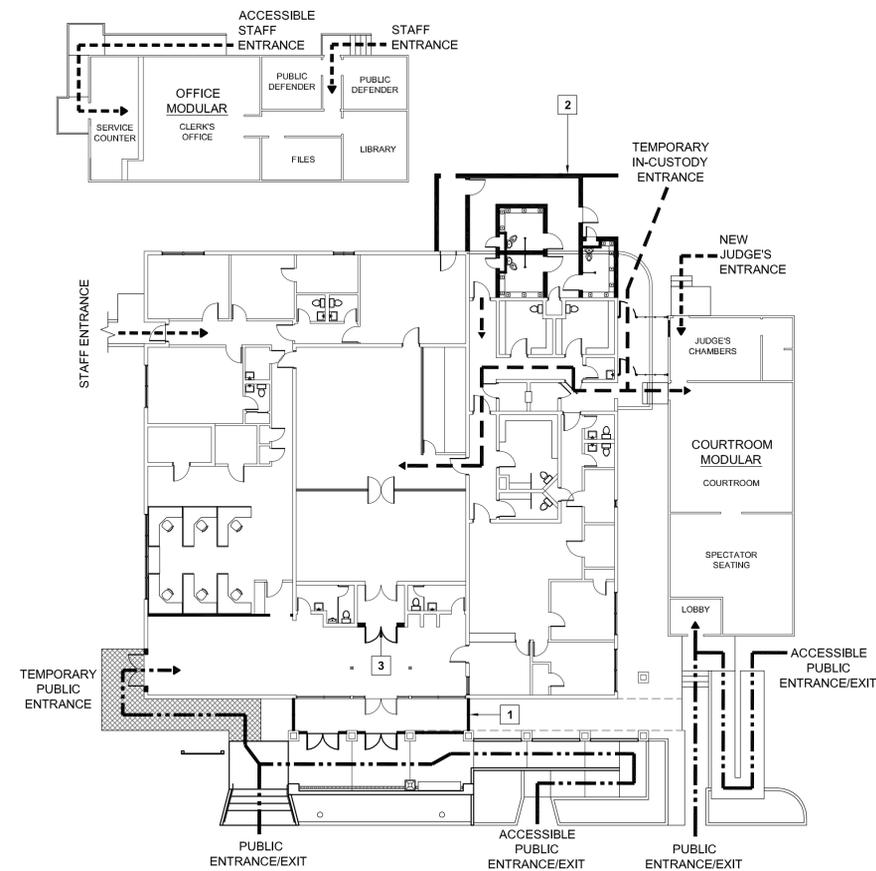
STAGING PLAN KEYNOTES

- 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.

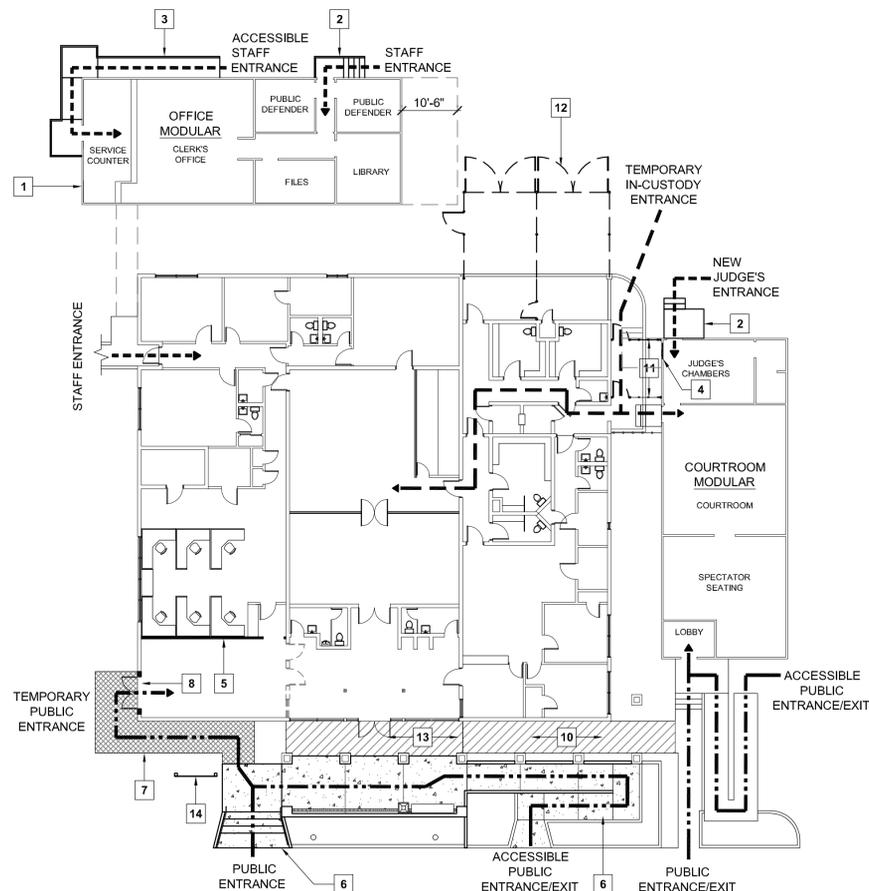
- STAGE 3 - CONSTRUCTION**
- INSTALL NEW STOREFRONT.
 - BUILD HOLDING CELL ADDITION.
 - INSTALL NEW COURTROOM VESTIBULE DOORS.

- 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.



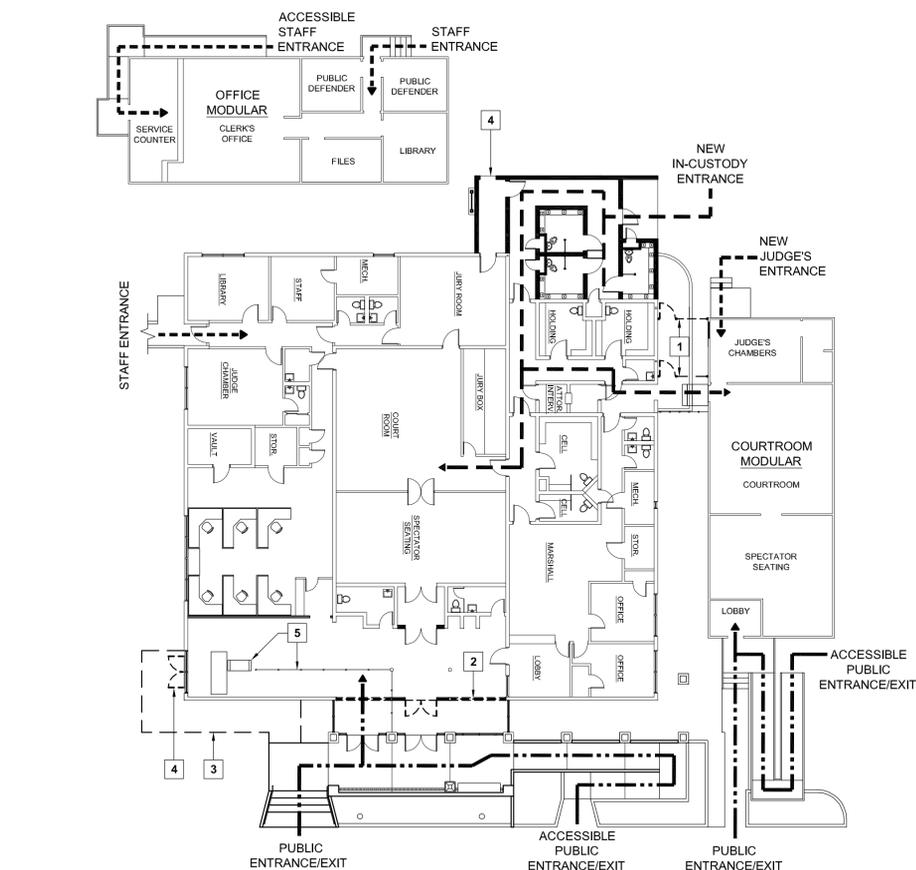
STAGE 3 - CONSTRUCTION

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



STAGE 2 - TEMPORARY ACCESS

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



STAGE 4 - FINAL ACCESS

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

PROJECT

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

PHASE 1

CLIENT JOB # ARCHITECT JOB #
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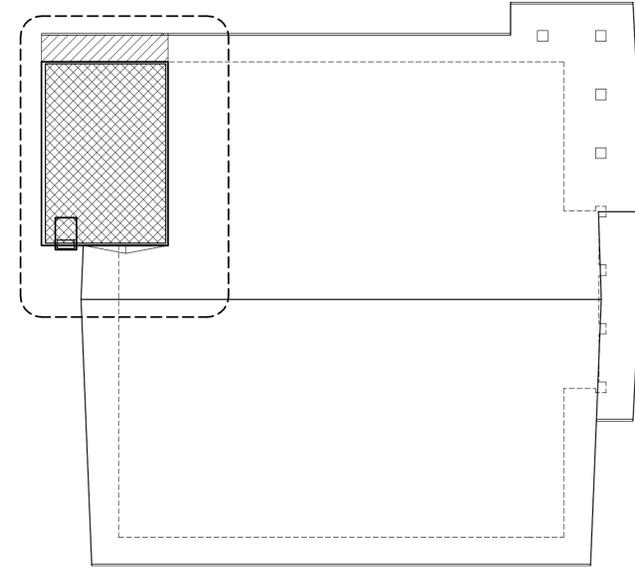
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SHEET TITLE

**PHASE I
ROOF PLAN**

SHEET #

A3.1

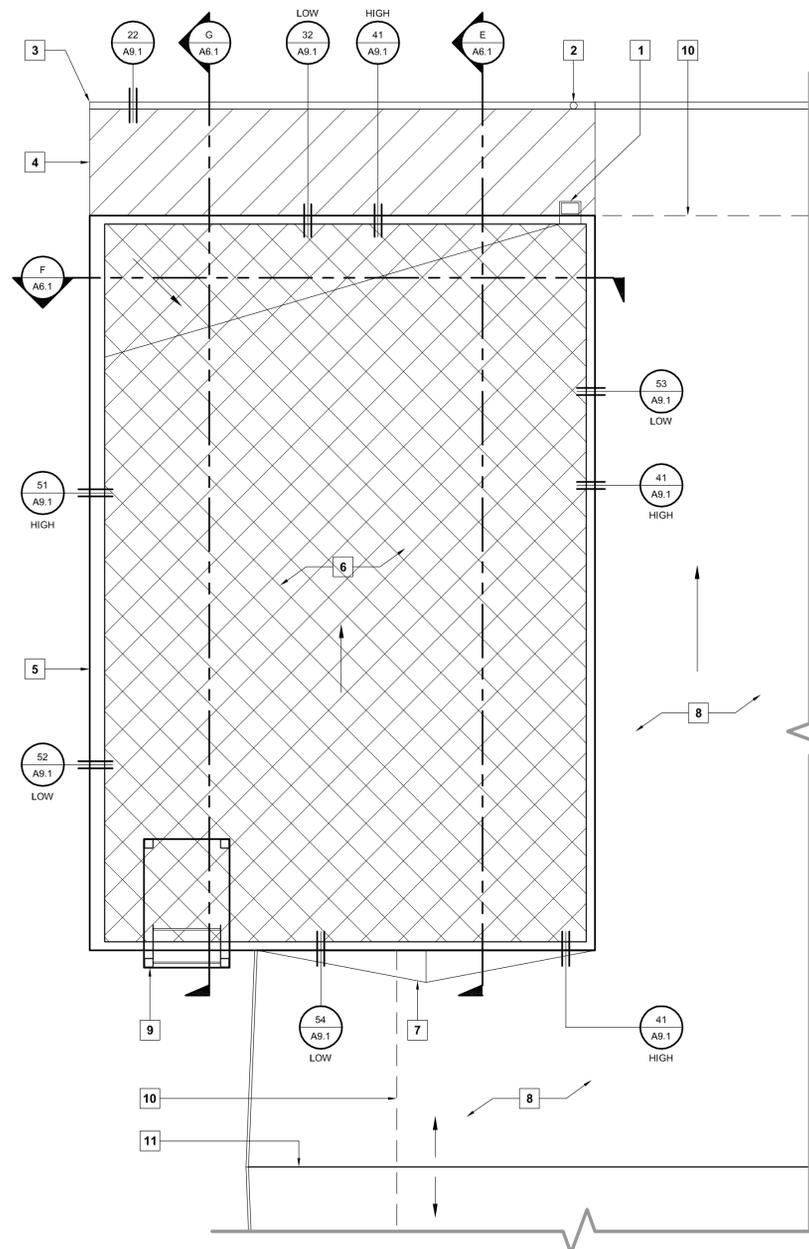


KEY PLAN

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

KEYNOTES

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



PHASE I ROOF PLAN - HOLDING CELL ADDITION

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

PROJECT

**SUPERIOR COURT
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SHEET TITLE

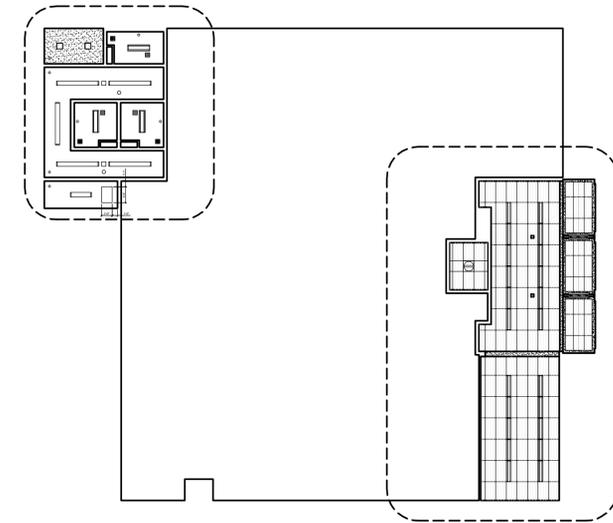
**PHASE I
REFLECTED
CEILING PLAN**

SHEET #

A4.1

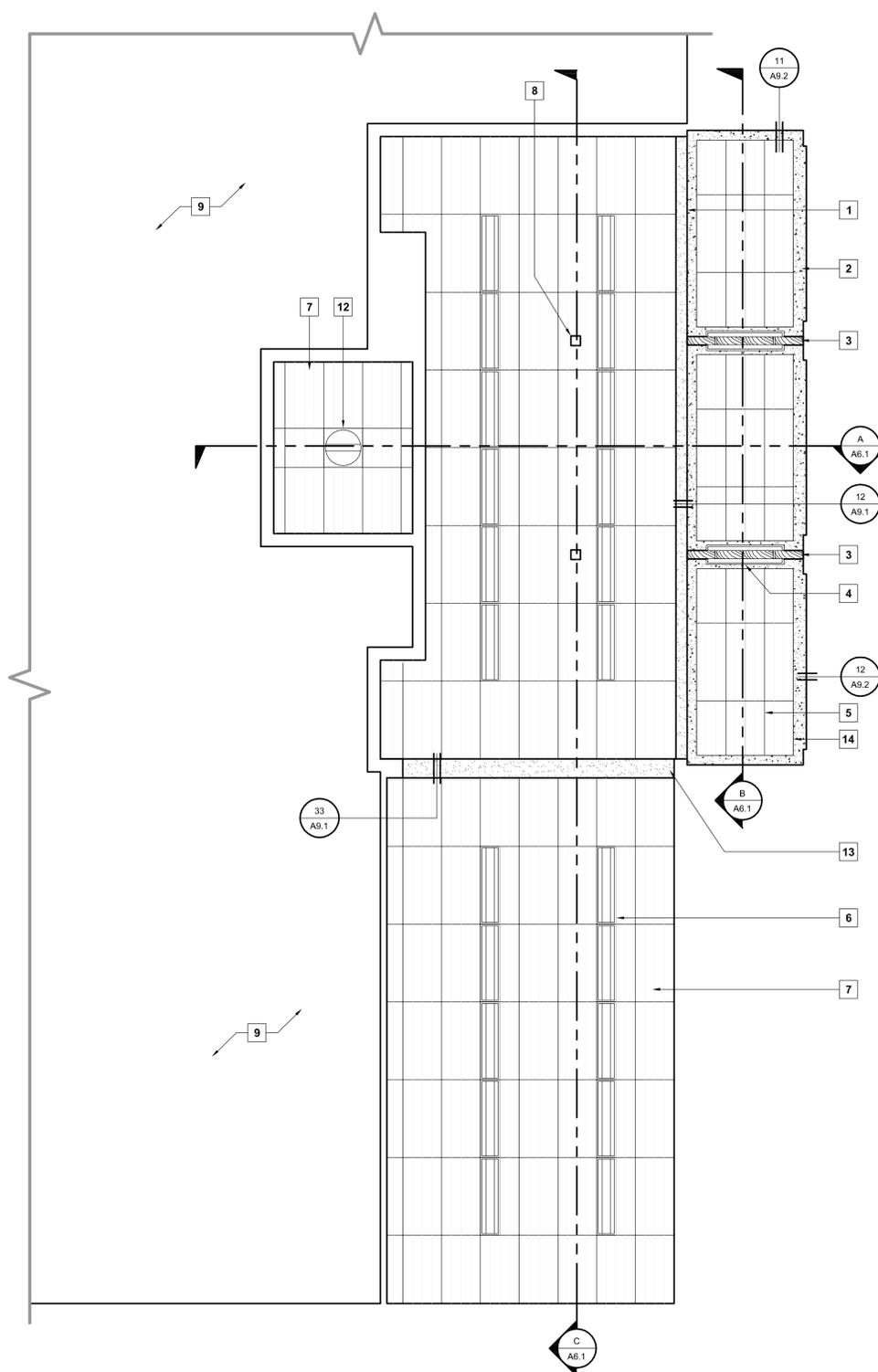
KEYNOTES

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.

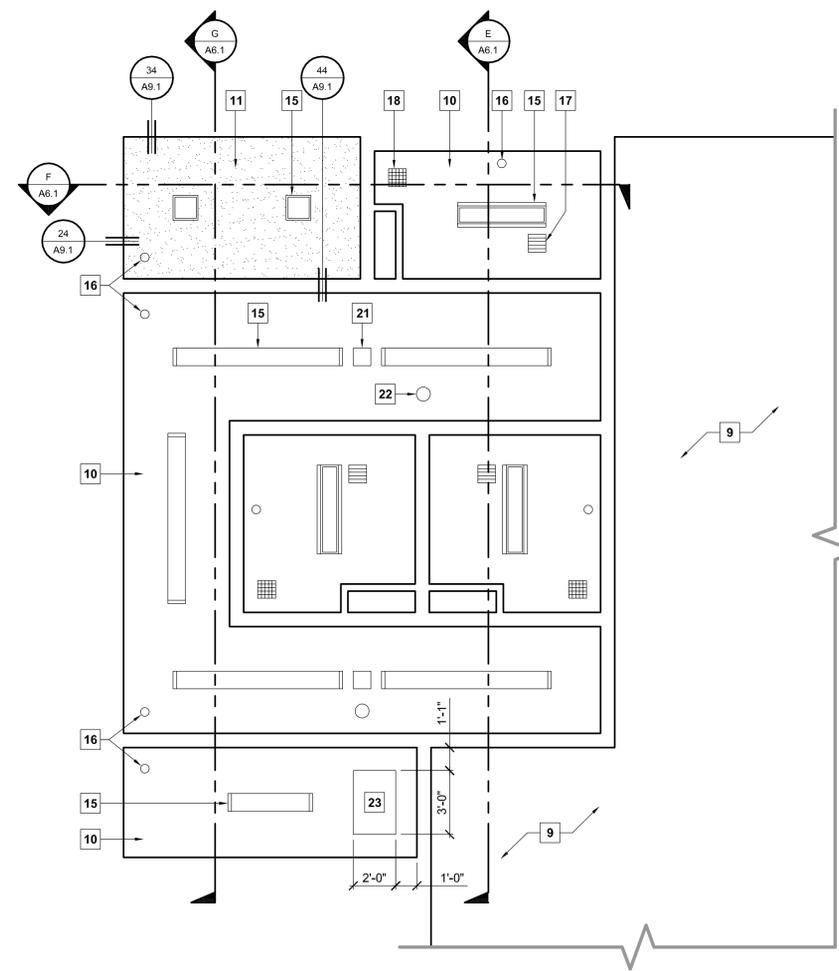


PHASE I KEY PLAN

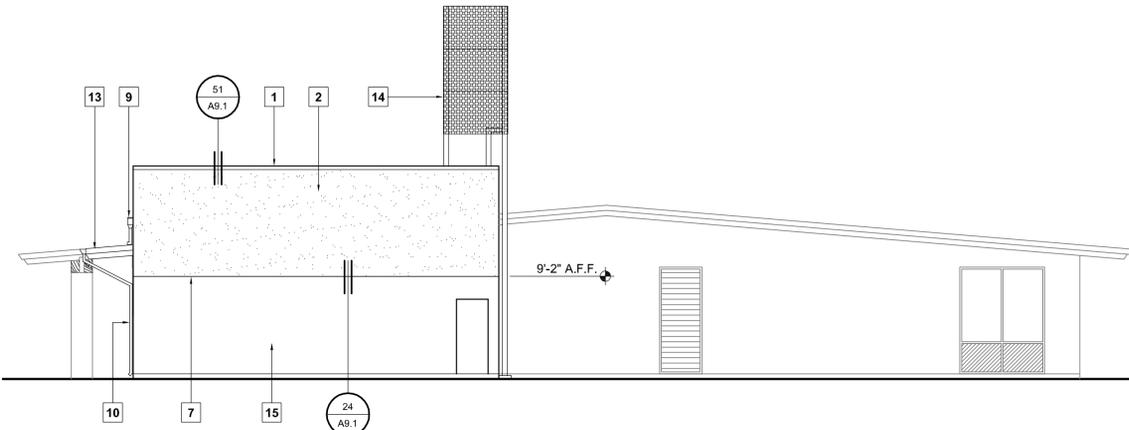
SCALE: 1/16" = 1'-0"



PHASE I REFLECTED CEILING PLAN - LOBBY
SCALE: 1/4" = 1'-0"

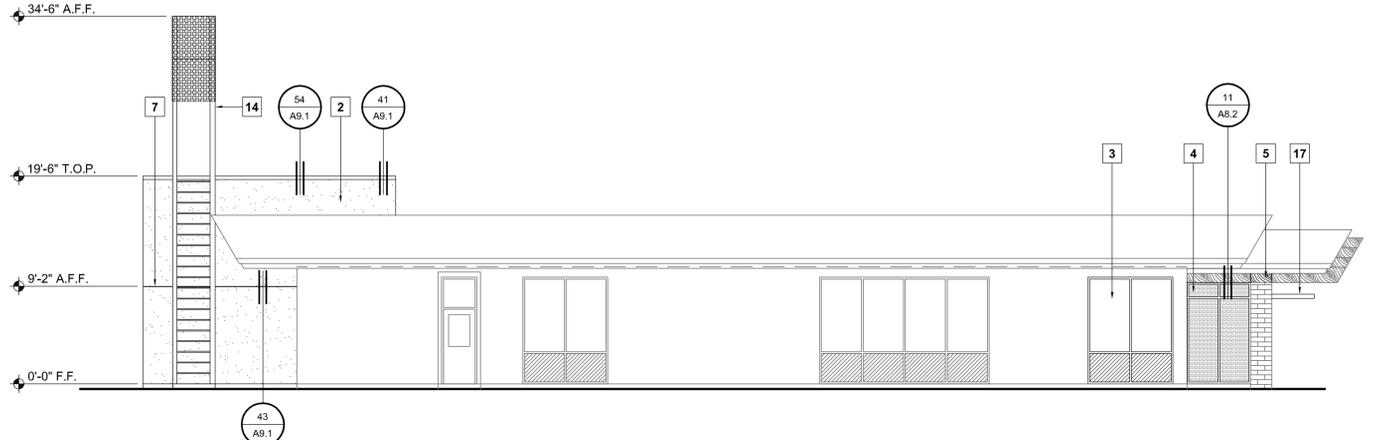


PHASE I REFLECTED CEILING PLAN - HOLDING CELL ADDITION
SCALE: 1/4" = 1'-0"



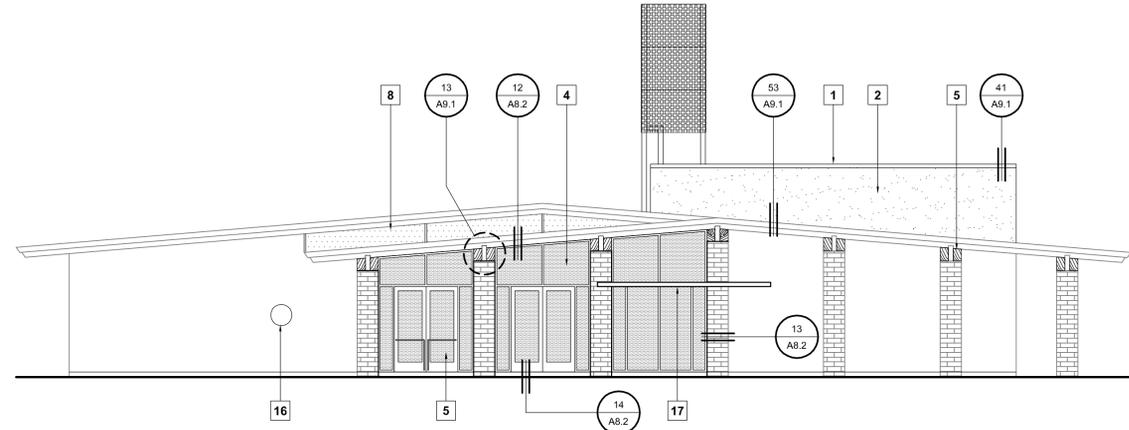
NORTH

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



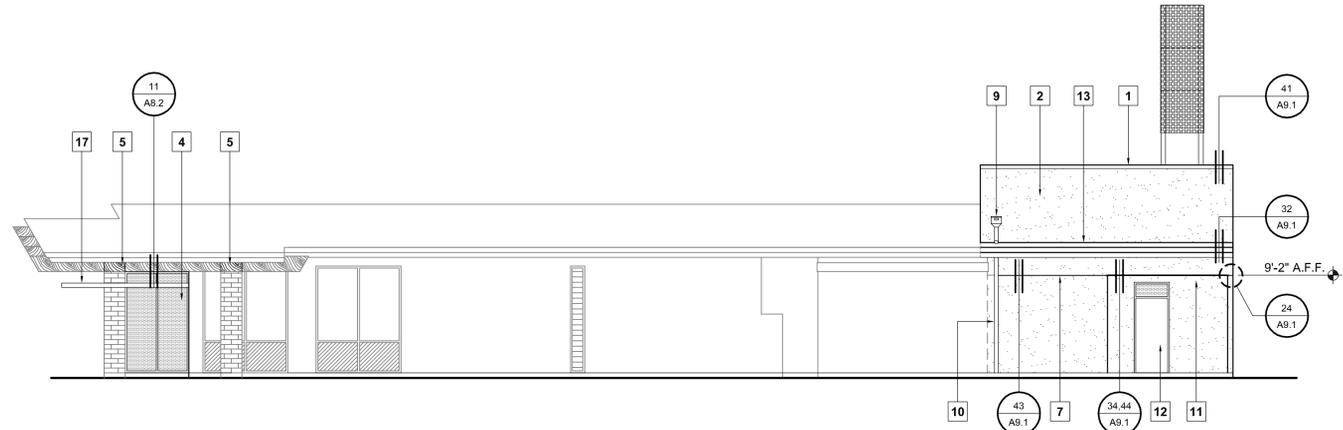
WEST

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



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SHEET TITLE

PHASE I EXTERIOR ELEVATIONS

SHEET #

A5.1

PROJECT

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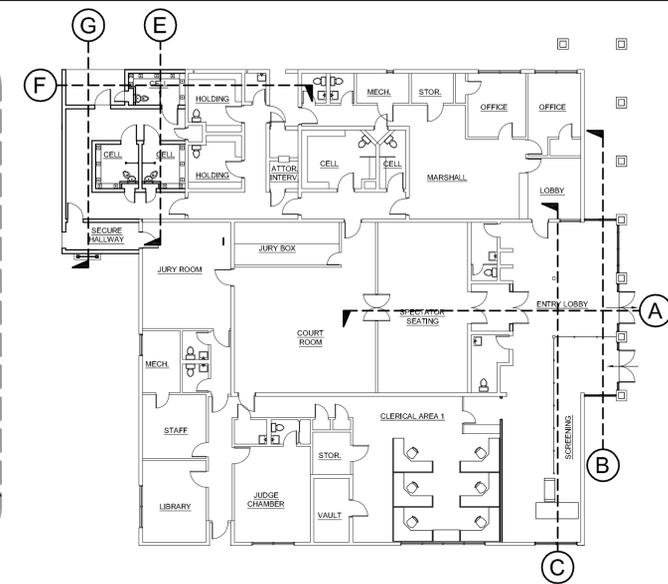
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SHEET TITLE

**PHASE I
BUILDING
SECTIONS**

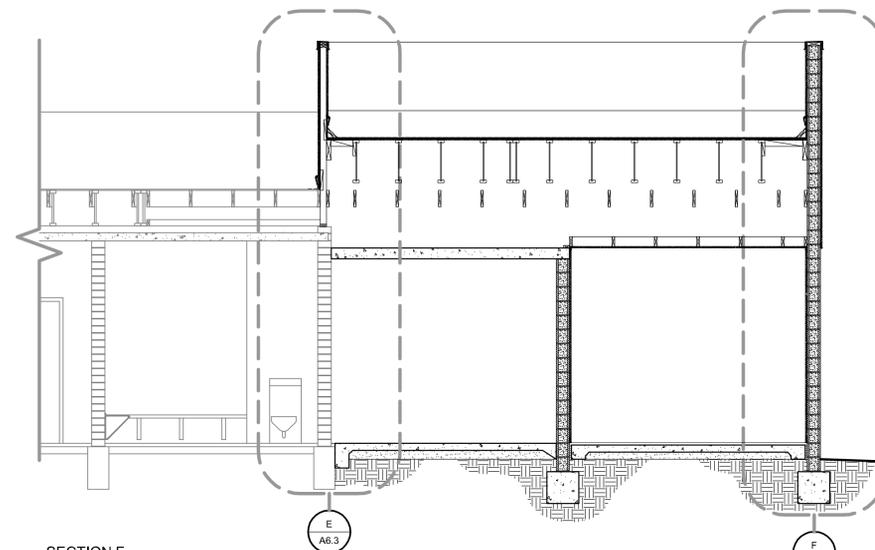
SHEET #

A6.1

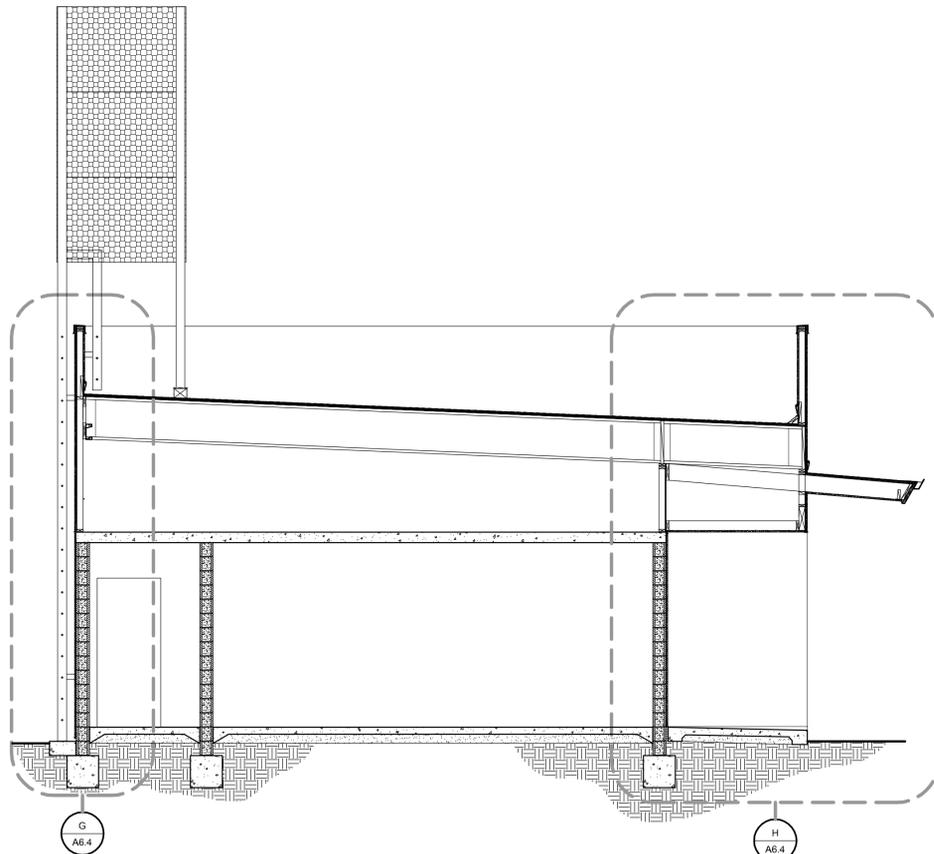


PHASE I KEY PLAN

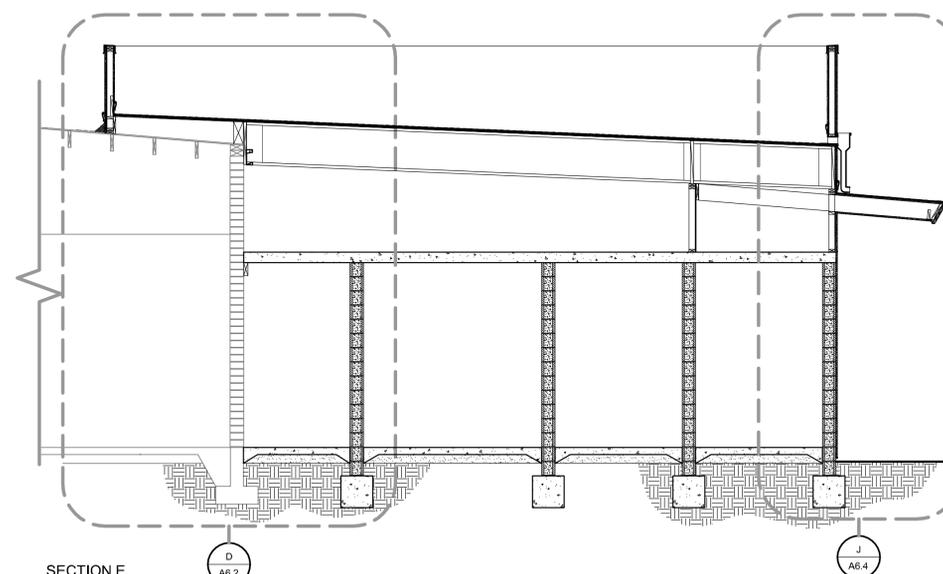
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SECTION F



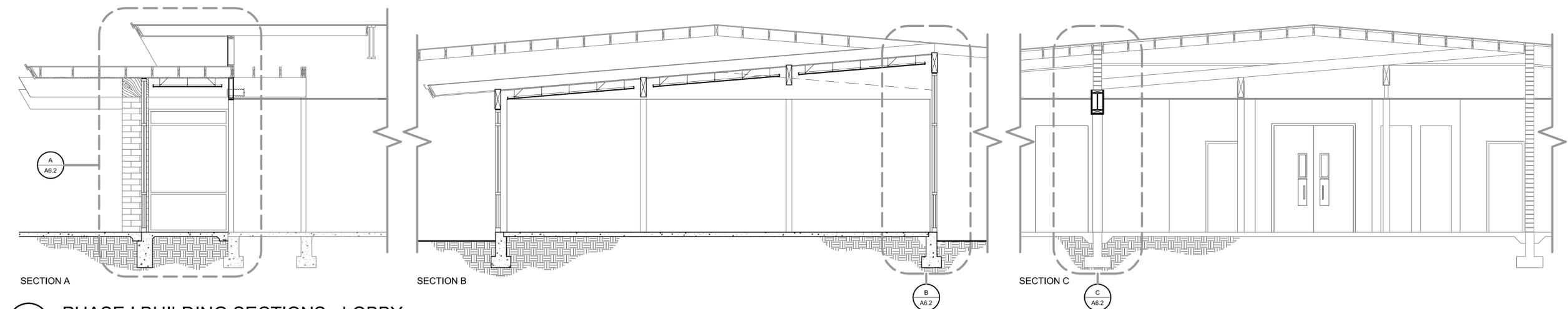
SECTION G



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"

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**SUPERIOR COURT
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COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH
SITE AND BUILDING
IMPROVEMENTS**

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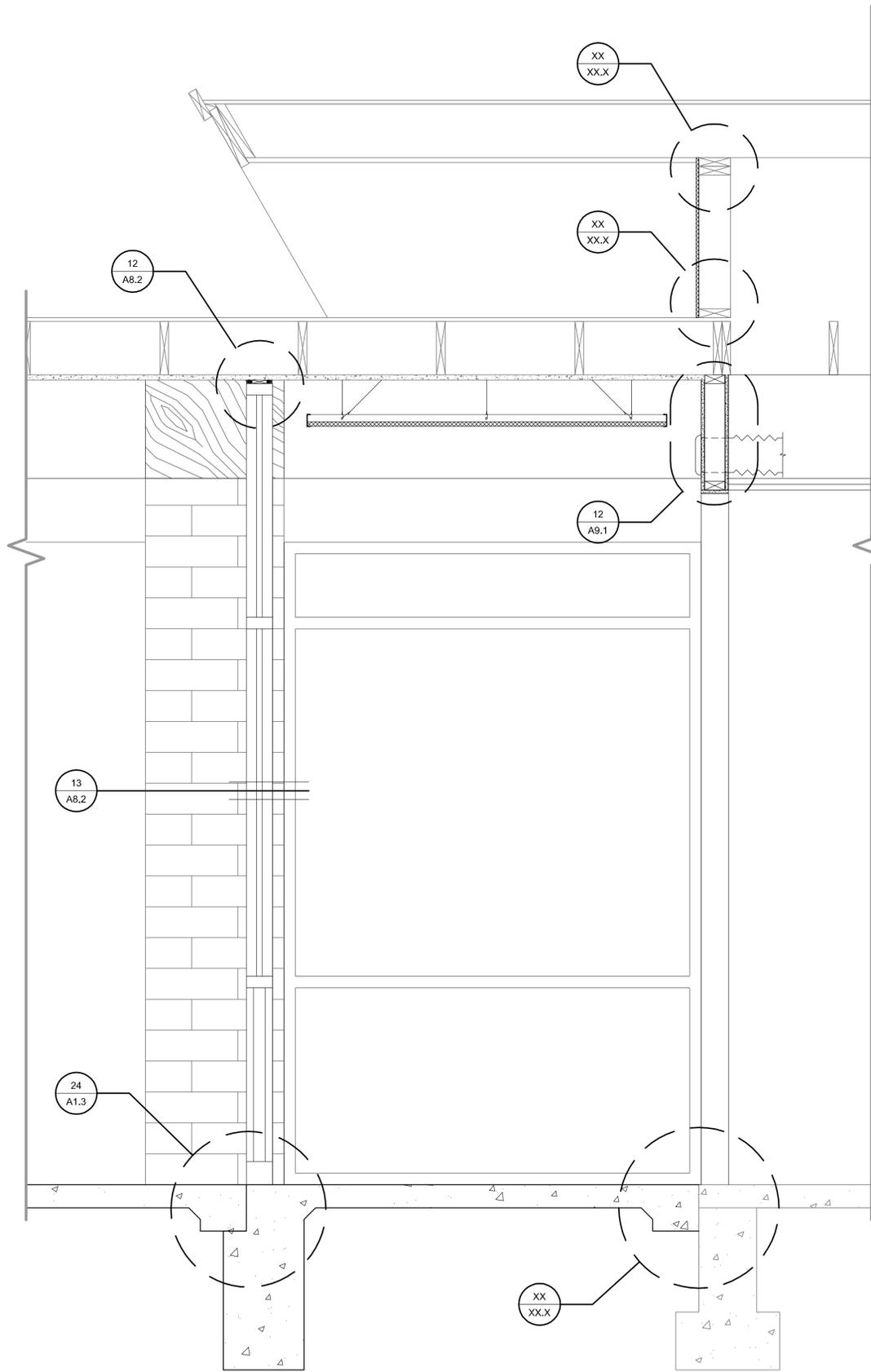
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SHEET TITLE

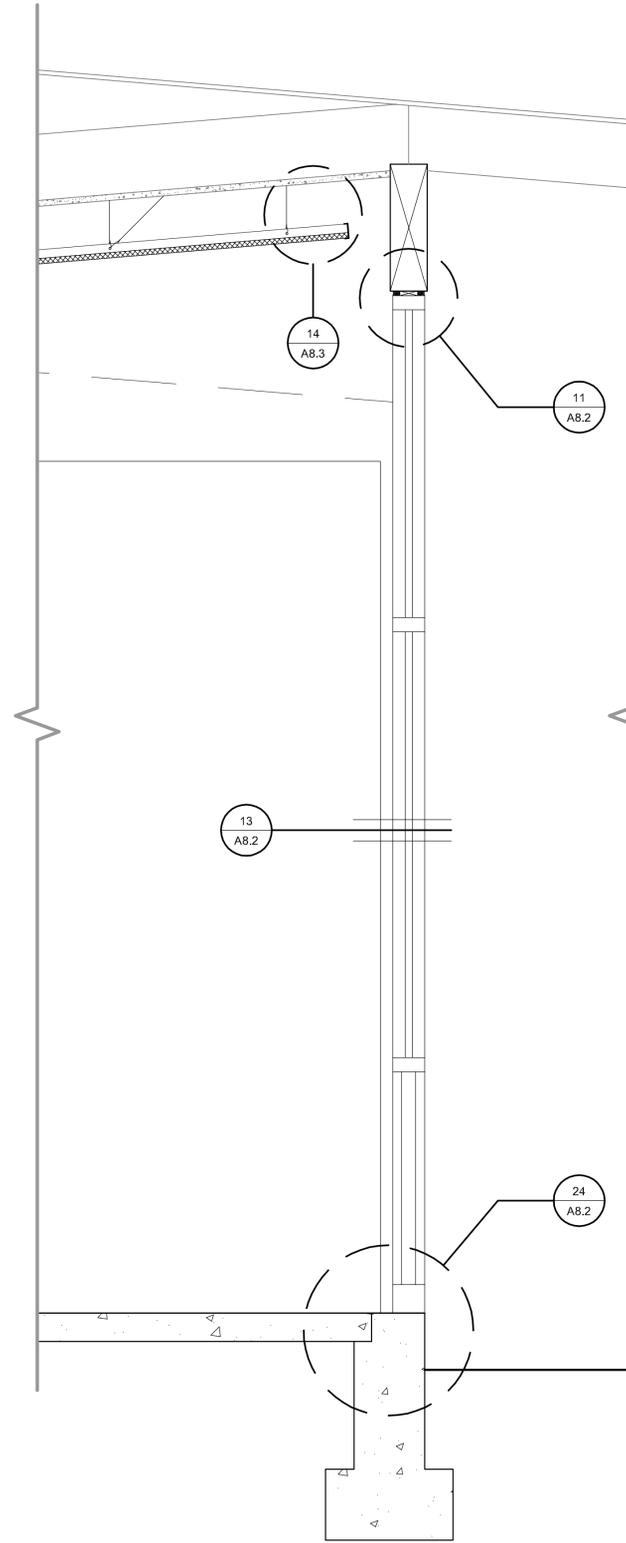
**PHASE I
WALL SECTIONS**

SHEET #

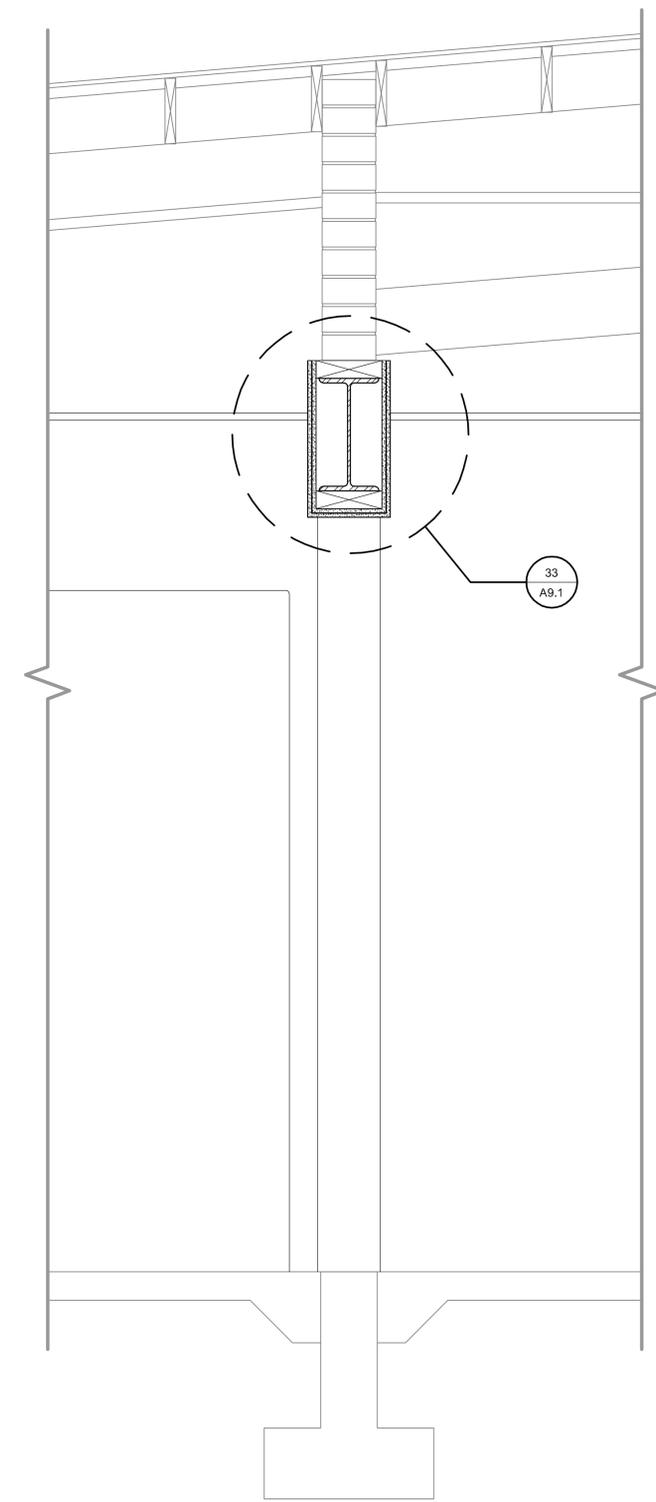
A6.2



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



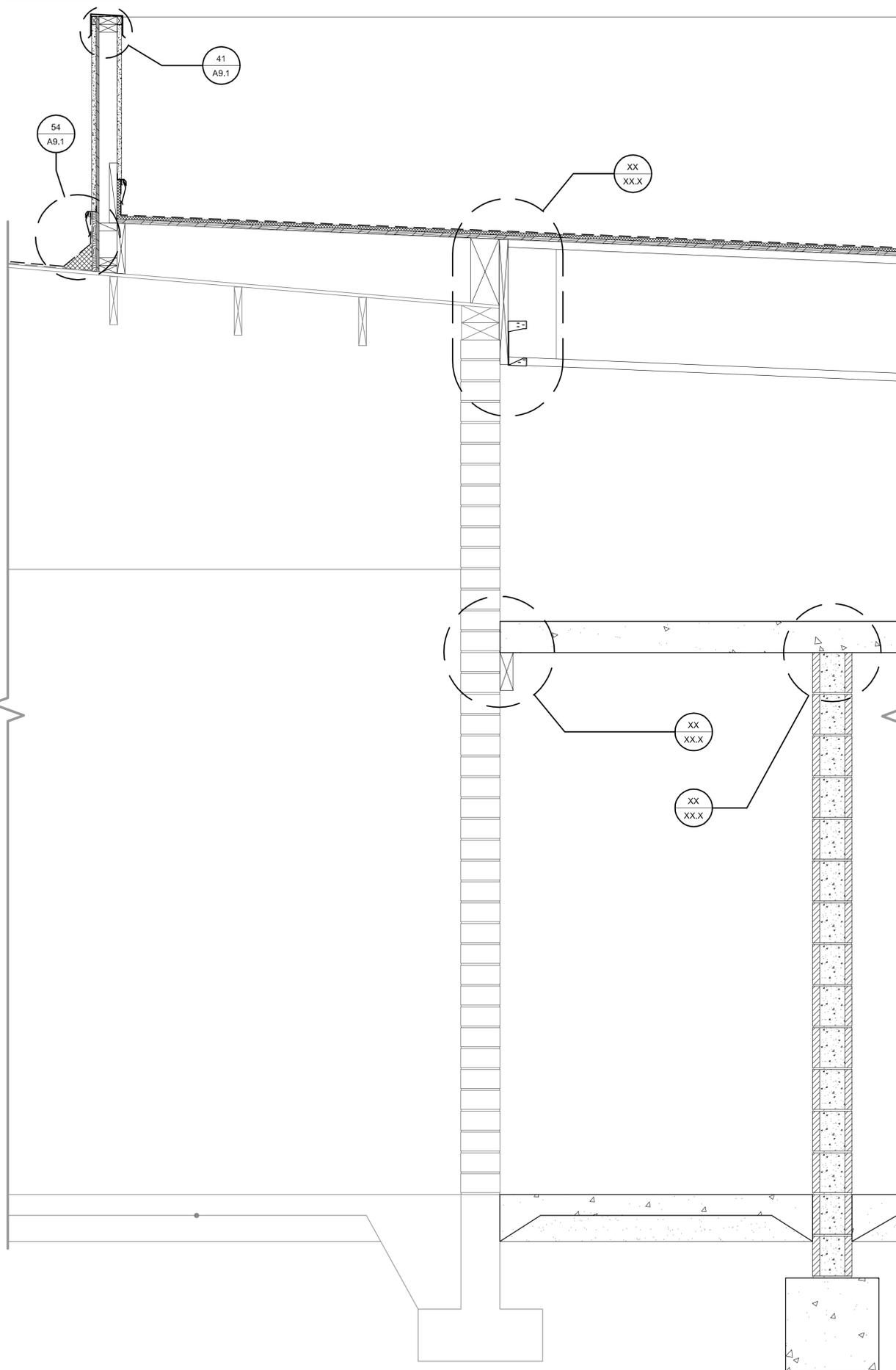
34 SECTION B
SCALE: 1/4" = 1'-0"



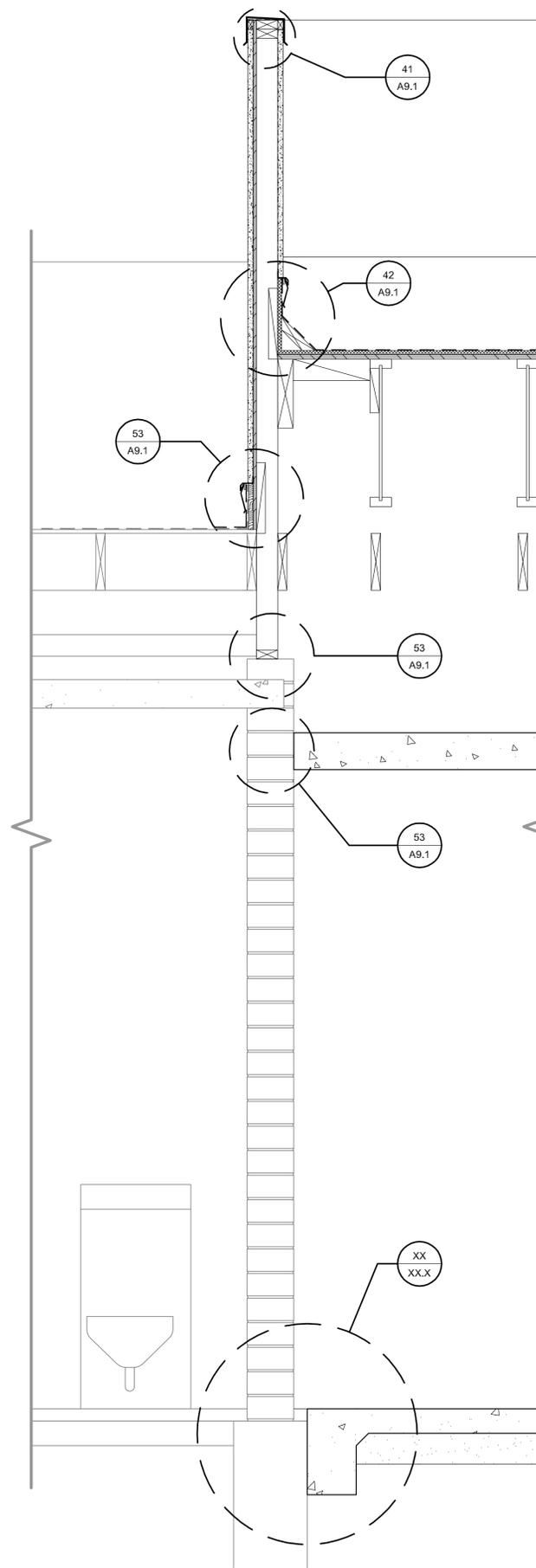
14 SECTION C
SCALE: 1/4" = 1'-0"

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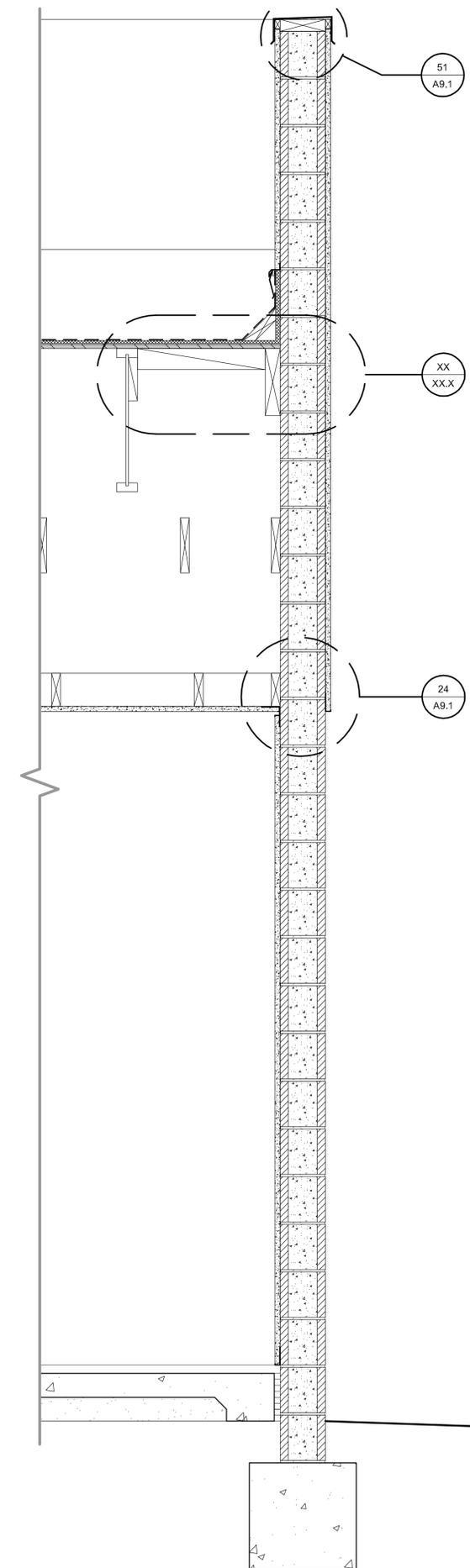
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54 SECTION D
SCALE: 1" = 1'-0"



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



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

PROJECT

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

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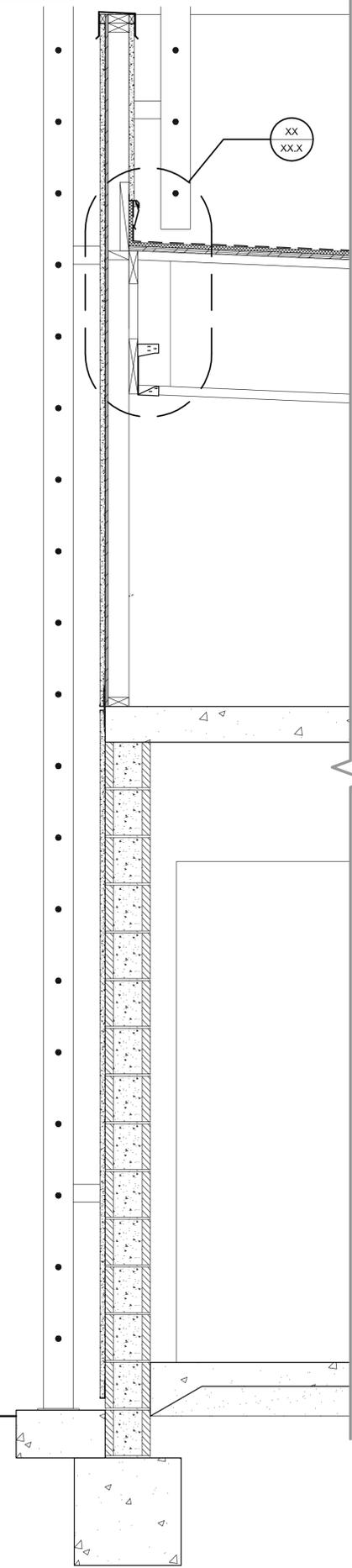
SHEET TITLE

**PHASE I
WALL SECTIONS**

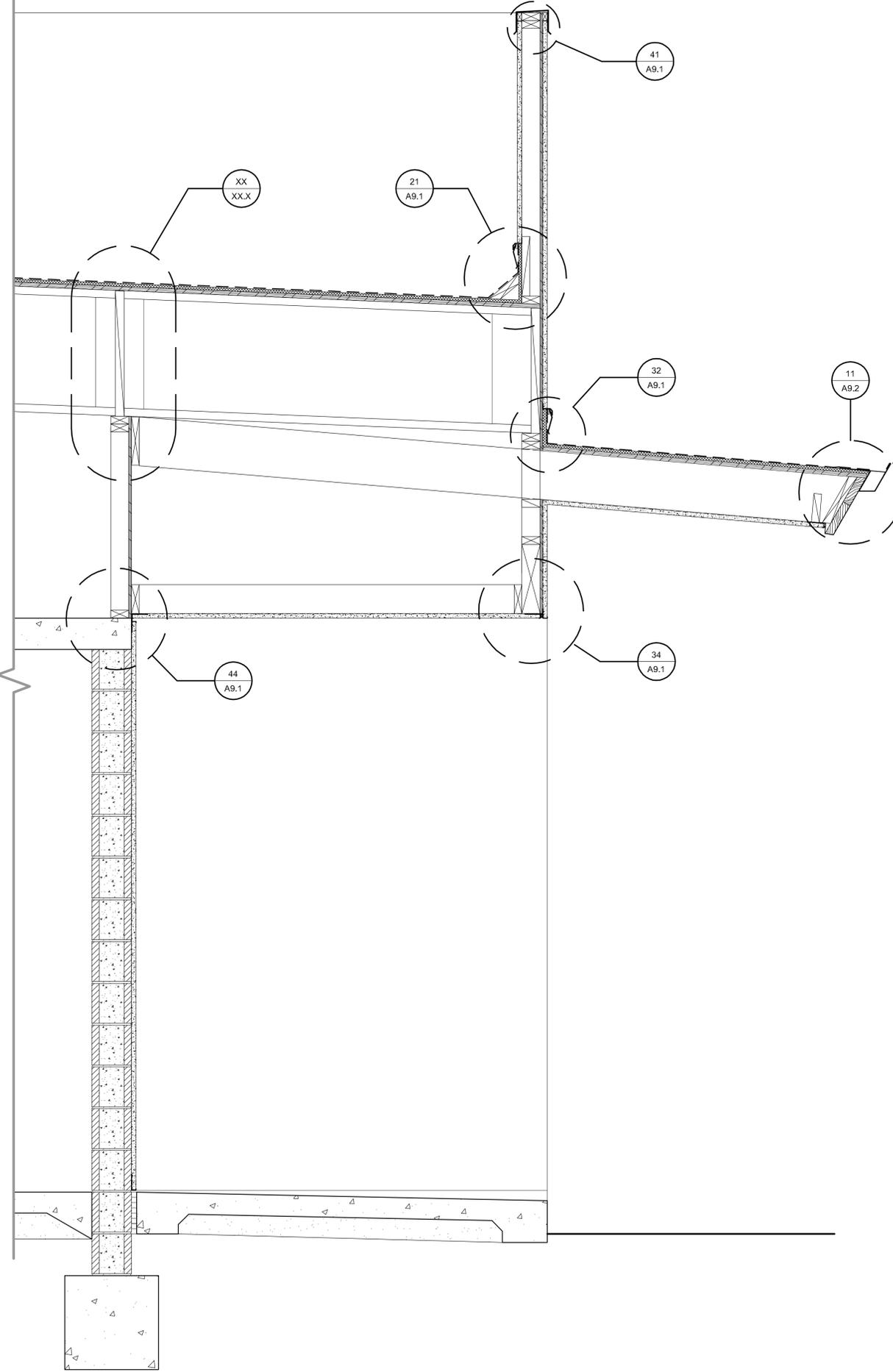
SHEET #

A6.3

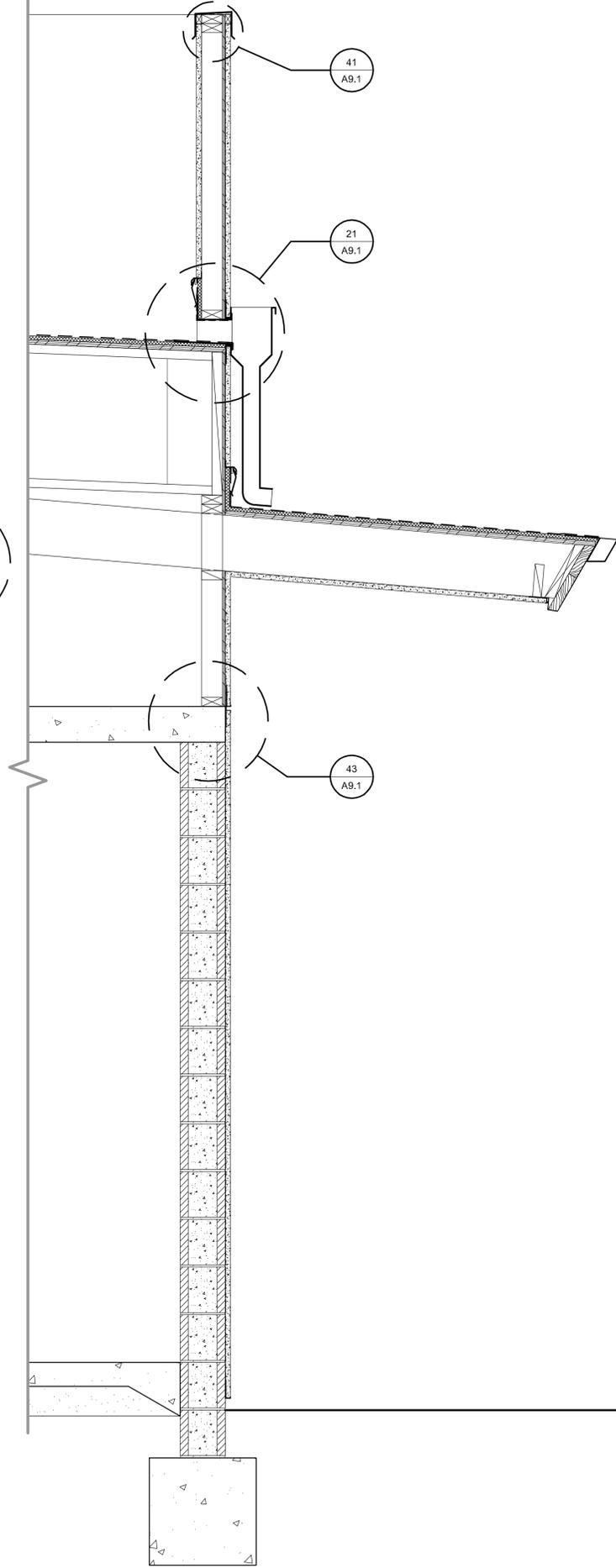
\\John\Manitaca Courthouse 1007\Drawings\Sheets\Phase 1\A6.1 - Phase I Sections.dwg, 3/23/2011 2:49:57 PM, PDF995



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
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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DATES 03/07/11

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SHEET TITLE

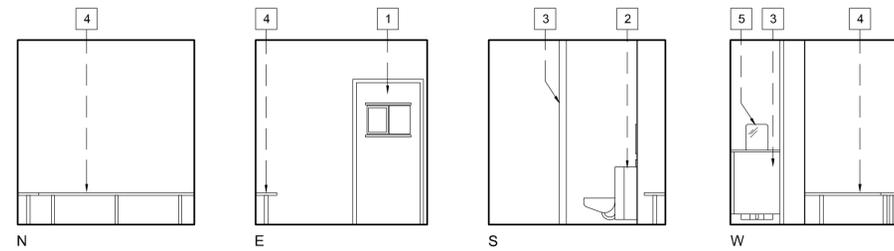
**PHASE I
WALL SECTIONS**

SHEET #

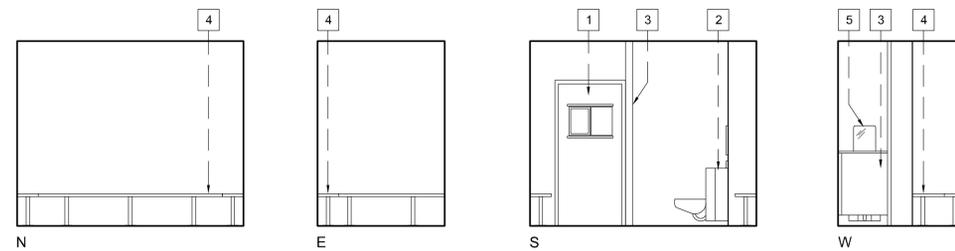
A6.4

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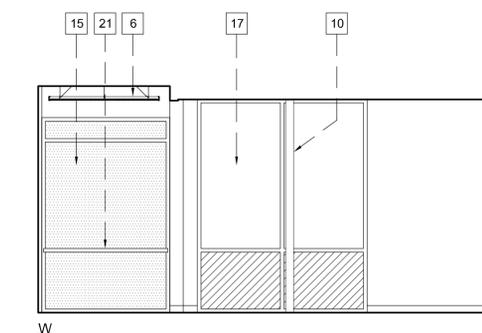
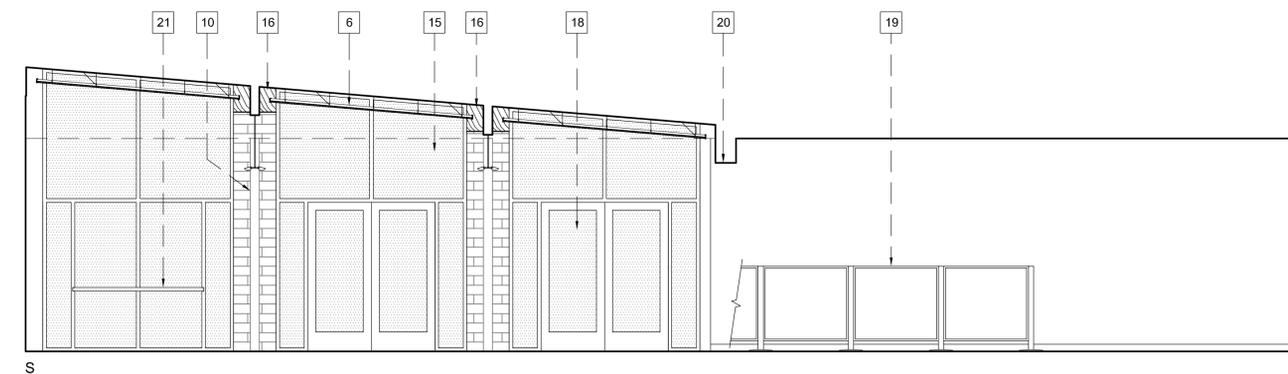
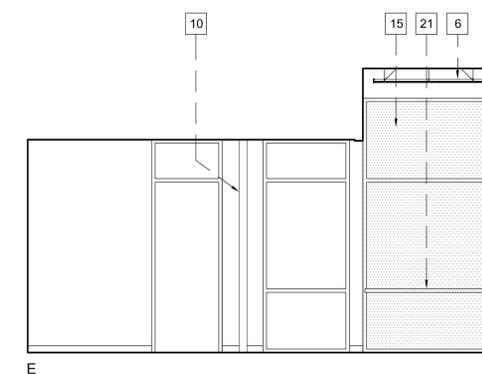
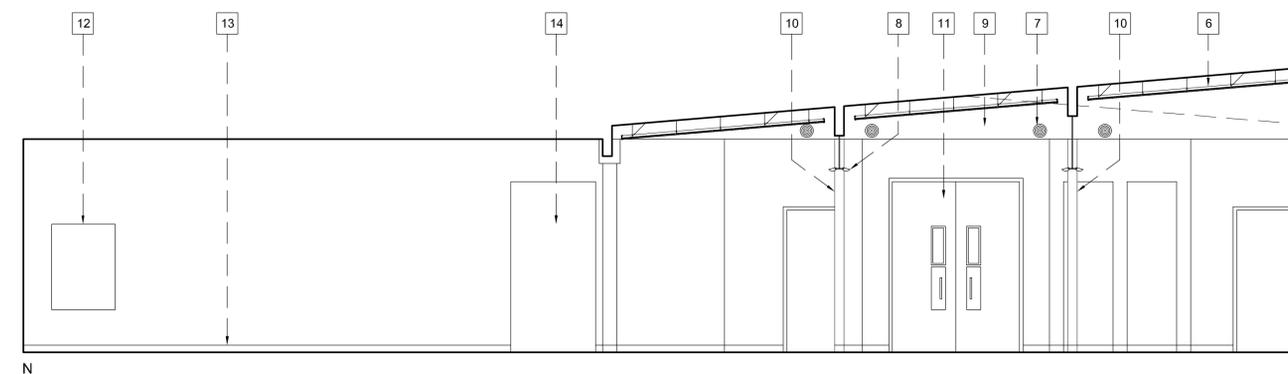
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41 **HOLDING CELL 1, CELL 2 (SIM.)**
SCALE: 1/4" = 1'-0"



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
SCHEDULES**

SHEET #

A8.1

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:

1. 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).

DOOR SCHEDULE

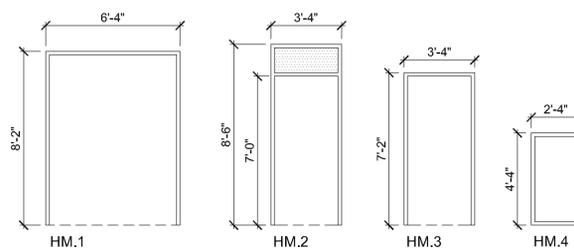
NO.	TYPE	FRAME	WIDTH	HT.	THICK.	REMARKS
1.1	AL.1	S.1	6'-0"	8'-0"	1-3/4"	STOREFRONT ENTRY PAIR, TEMPERED LITES, ANTI-TAILGATING SYSTEM
1.2	AL.3	S.2	6'-0"	8'-0"	1-3/4"	STOREFRONT ENTRY PAIR, TEMPERED LITES
1.3	WD.1	HM.1	6'-0"	8'-0"	1-3/4"	VESTIBULE PAIR, GLASS-CLAD POLYCARBONATE VIEW LITES
1.4	SD.1	HM.3	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.

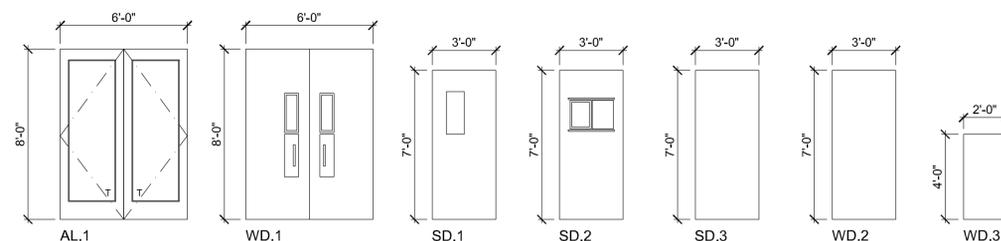
LEGEND

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



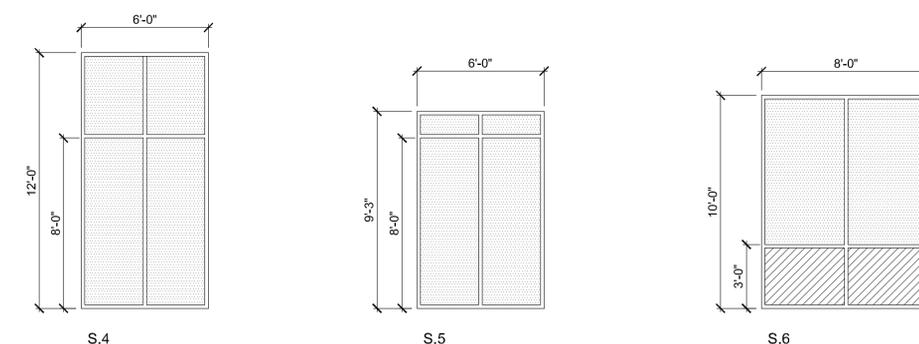
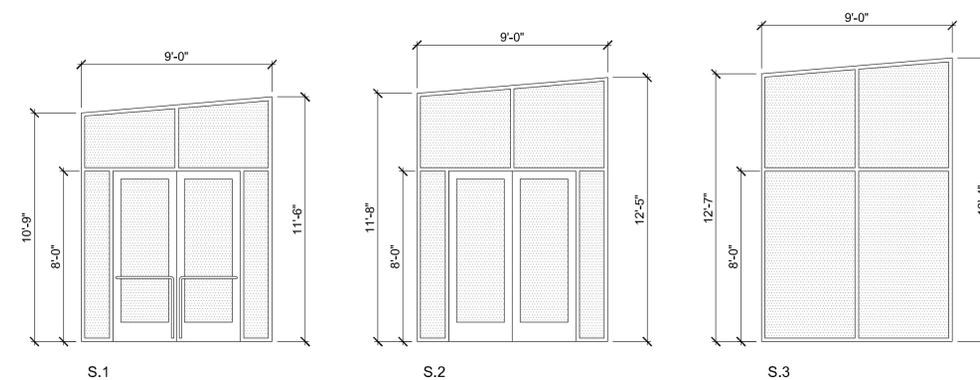
PHASE I FRAME TYPES

1/4" = 1' - 0"



PHASE I DOOR TYPES

1/4" = 1' - 0"



PHASE I STOREFRONTS

1/4" = 1' - 0"

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

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1007



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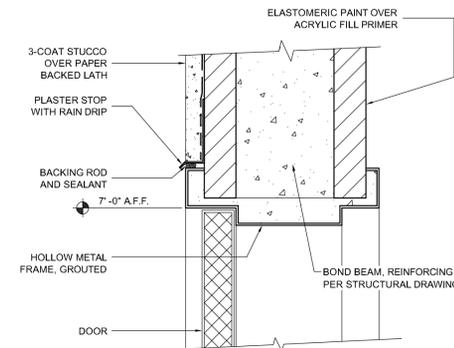
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SHEET TITLE

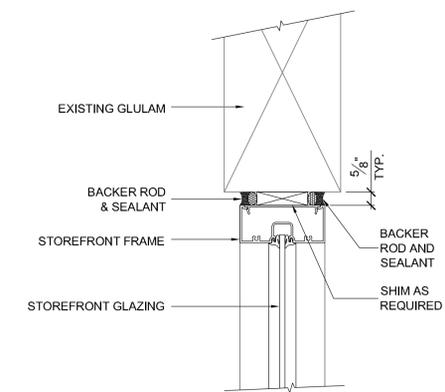
PHASE I STOREFRONT, DOOR & WINDOW DETAILS

SHEET #

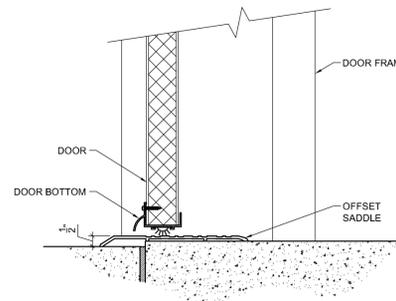
A8.2



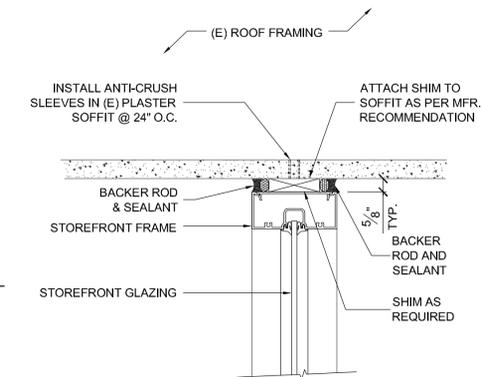
11 DOOR HEAD
3"=1'-0" D087008D



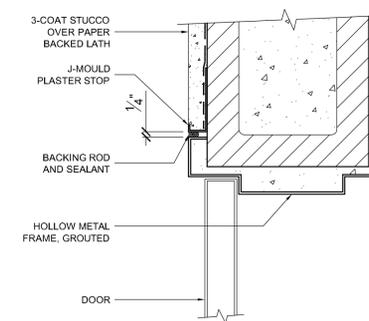
11 STOREFRONT HEAD
3"=1'-0"



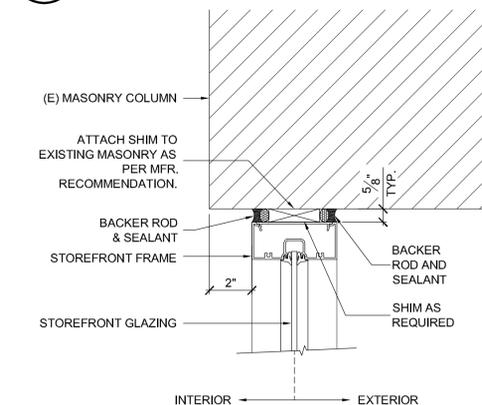
12 DOOR THRESHOLD
3"=1'-0"



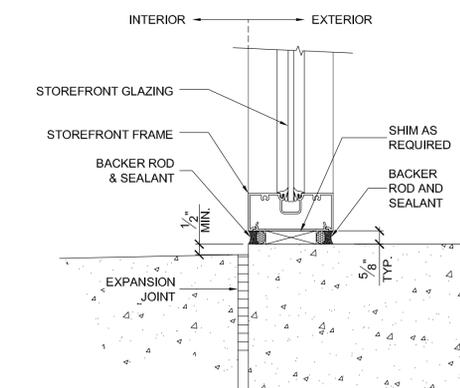
12 STOREFRONT HEAD
3"=1'-0"



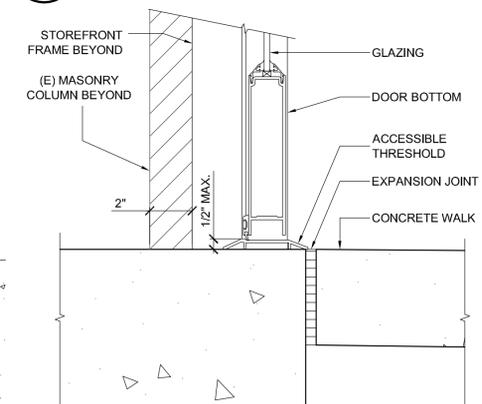
23 DOOR JAMB
3"=1'-0" D087008D



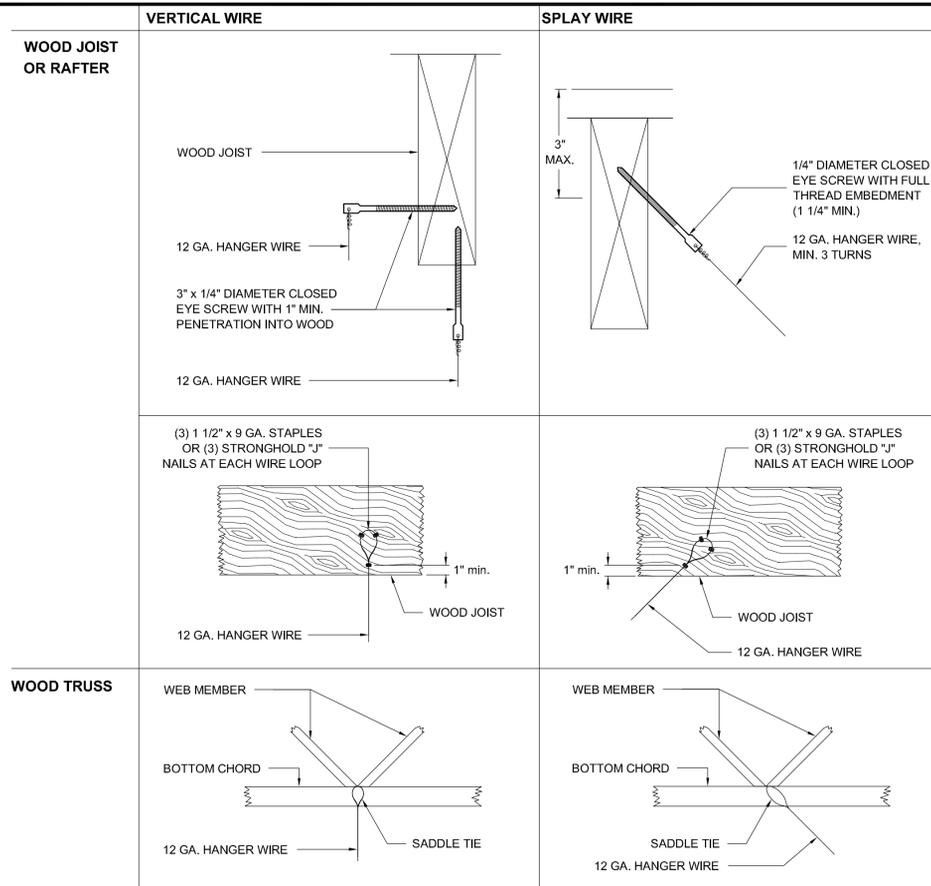
13 STOREFRONT JAMB
3"=1'-0"



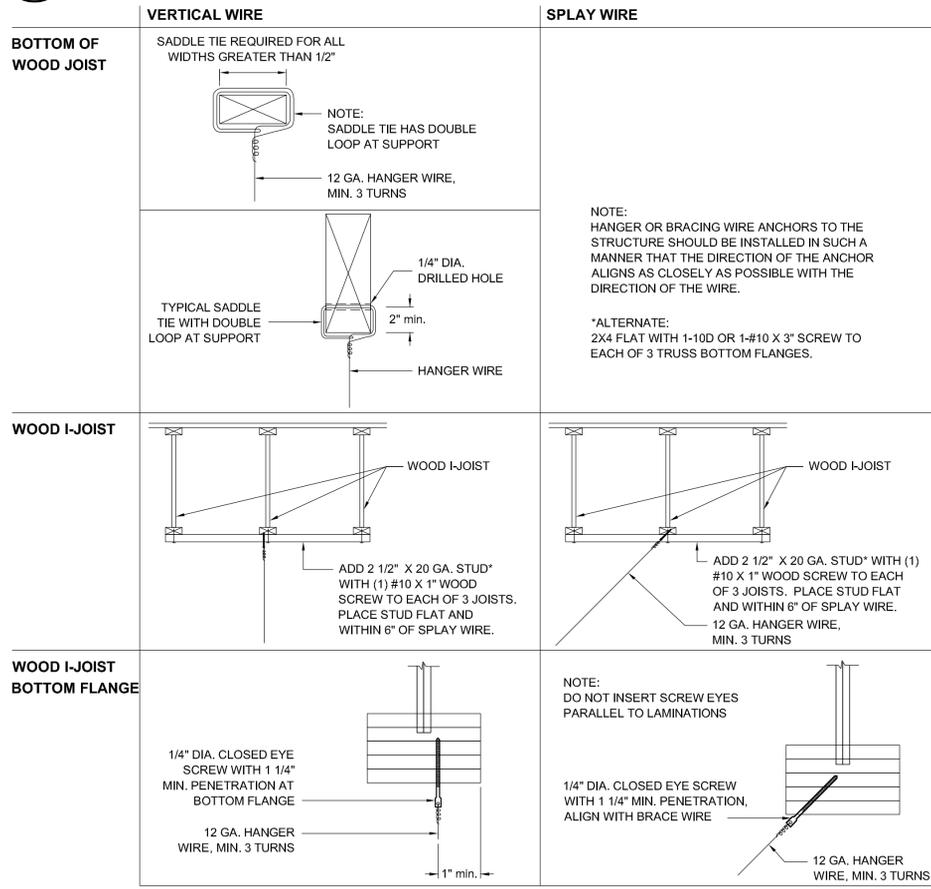
24 STOREFRONT SILL
3"=1'-0"



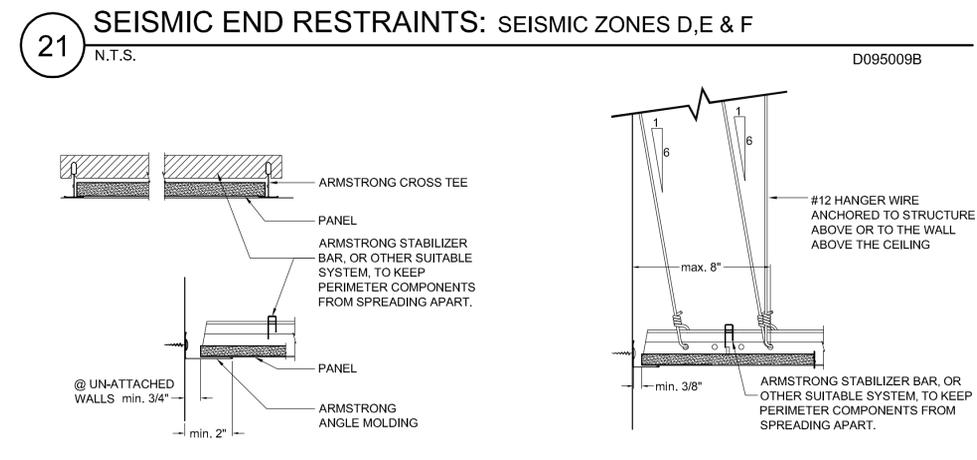
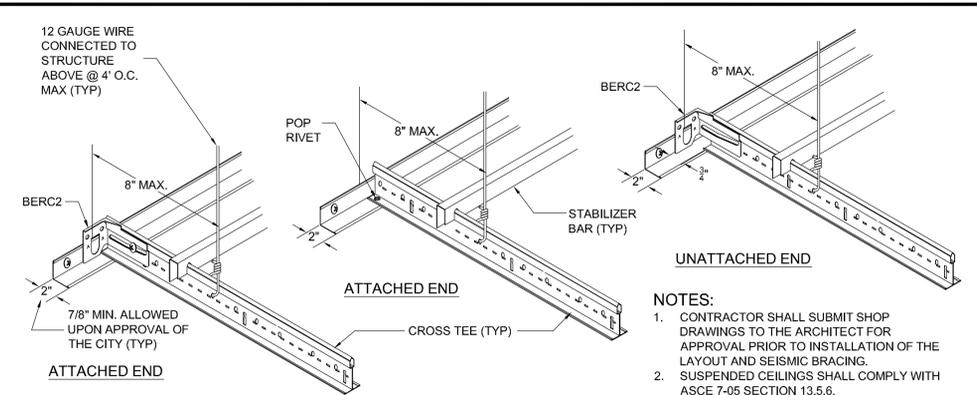
14 STOREFRONT THRESHOLD
3"=1'-0"



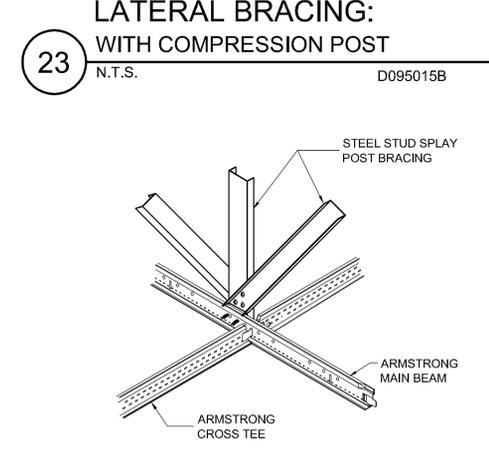
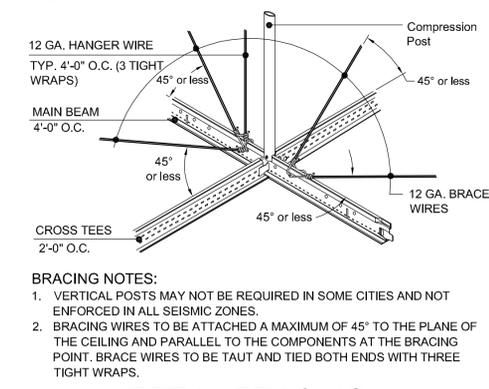
42 HANGER WIRE TO WOOD TRUSS / RAFTER
N.T.S.



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

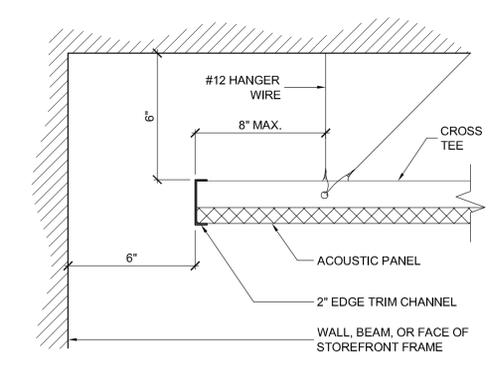
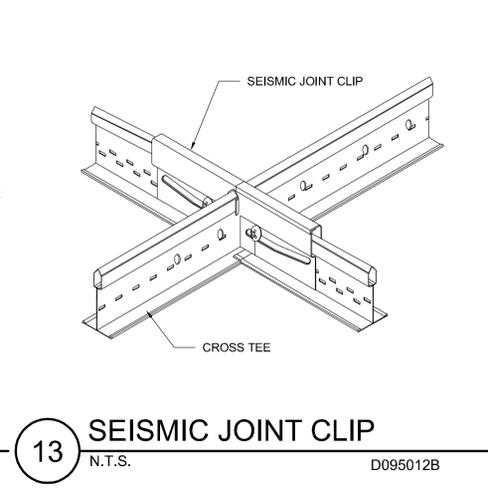


22 STABILIZER BAR: SEISMIC ZONES D,E & F
3"= 1'-0"
D095009D



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

23 SEISMIC END RESTRAINT: FIXED END - SEISMIC ZONE C
3"= 1'-0"
D095009C



26 LOBBY - ACOUSTIC CLOUD
3"= 1'-0"

PROJECT
SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

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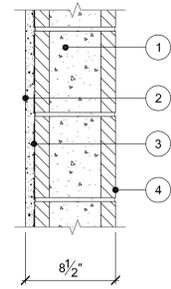
**PHASE I
SUSPENDED
CEILING DETAILS**

SHEET #

A8.3

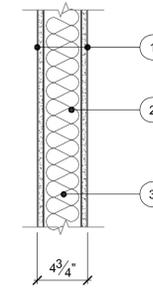
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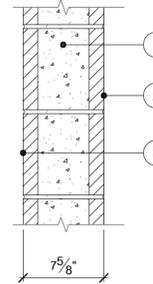
1. 8"x8"x16" CONCRETE BLOCK
2. EXTERIOR:
3-COAT STUCCO WITH
ELASTOMERIC PAINT.
3. PAPER BACKED METAL LATH.
4. EXTERIOR:
ELASTOMERIC PAINT OVER
ACRYLIC BLOCK FILL PRIMER.

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



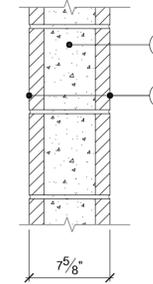
1. 5/8" GYPSUM WALL BOARD.
2. 2x4 @ 16" O.C.
3. ACOUSTIC BATT INSULATION.

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



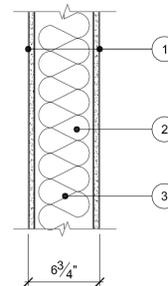
1. 8"x8"x16" CONCRETE BLOCK
2. EXTERIOR:
ELASTOMERIC PAINT OVER
ACRYLIC BLOCK FILL PRIMER.
3. INTERIOR:
SEE FINISH SCHEDULE.

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



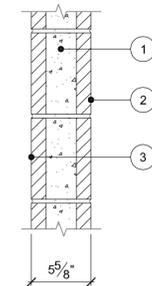
1. 8"x8"x16" CONCRETE BLOCK
2. SEE FINISH SCHEDULE

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



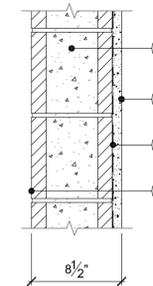
1. 5/8" GYPSUM WALL BOARD.
2. 2x6 @ 16" O.C.
3. ACOUSTIC BATT INSULATION.

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



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

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**

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SHEET TITLE

**PHASE I
WALL TYPES**

SHEET #

A8.4

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

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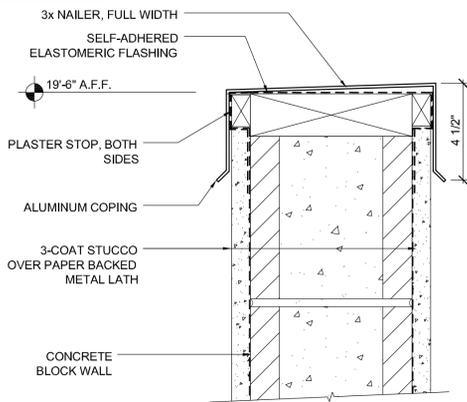
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SHEET TITLE

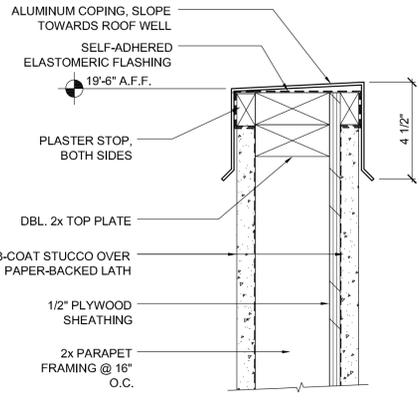
ARCHITECTURAL DETAILS

SHEET #

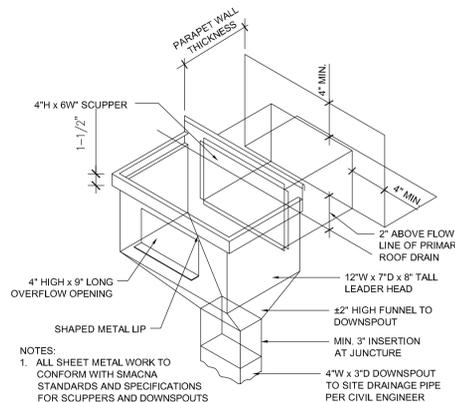
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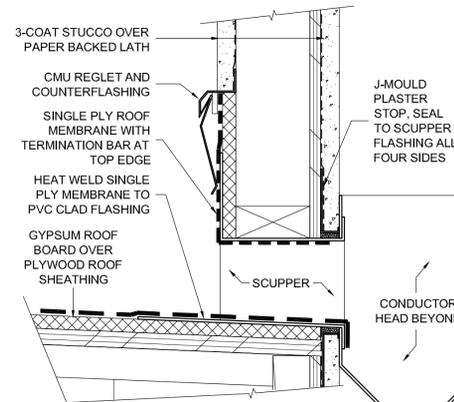
51 PARAPET COPING (CMU)
3"= 1'-0"



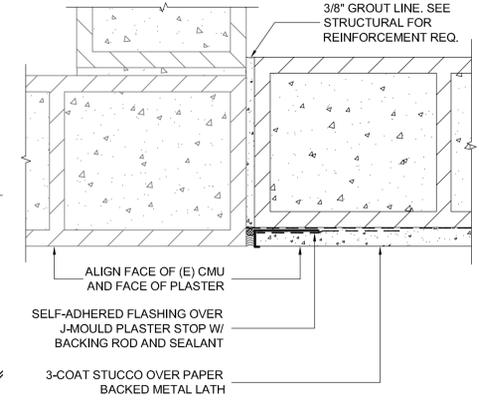
41 PARAPET COPING
3"= 1'-0"



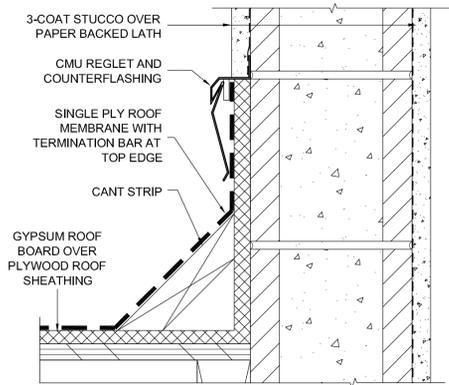
31 SCUPPER & LEADER HEAD
SCALE = NONE



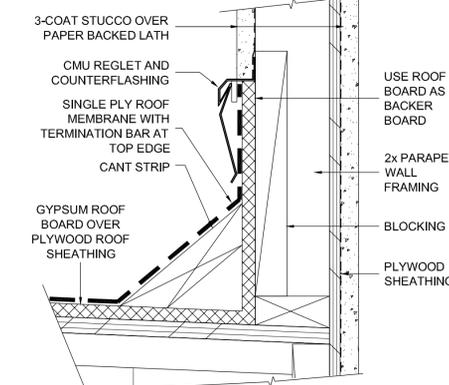
21 ROOF WELL HEAD WALL
3"= 1'-0"



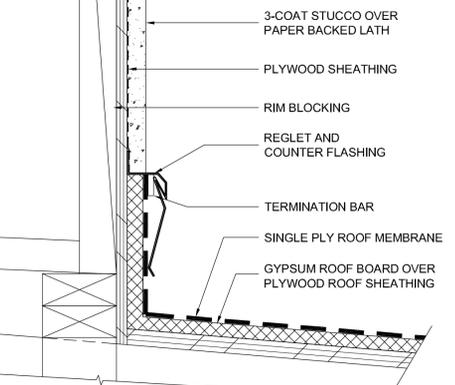
11 CMU ALIGNMENT TO (E)
3"= 1'-0"



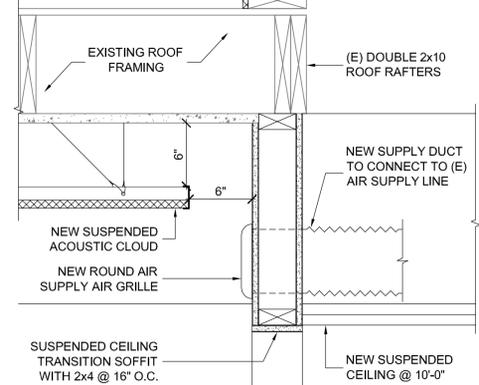
52 PARAPET COPING (CMU)
3"= 1'-0"



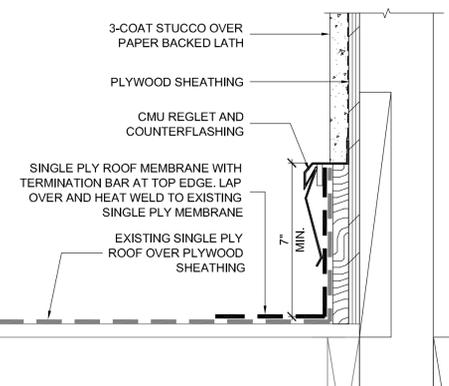
42 ROOF WELL HEAD WALL
3"= 1'-0"



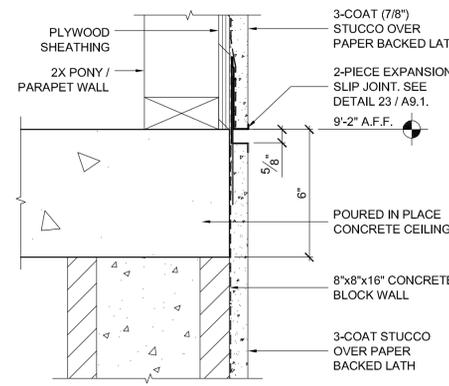
32 HEAD WALL
3"= 1'-0"



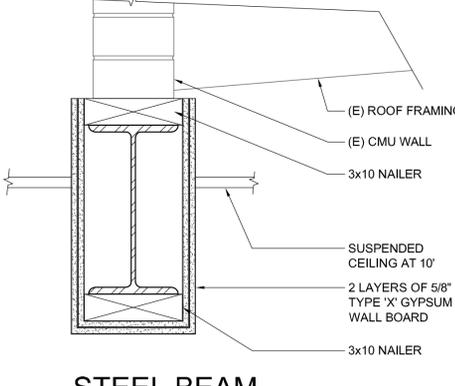
12 LOBBY CEILING TRANS.
1 1/2"= 1'-0"



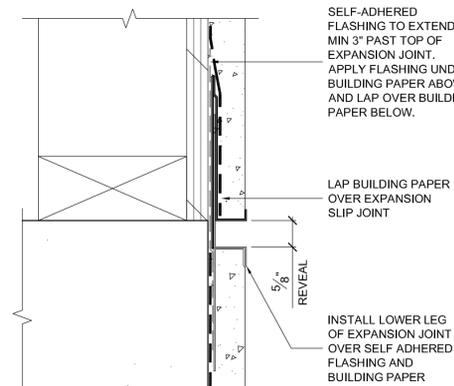
53 RAKE WALL AT EXISTING
3"= 1'-0"



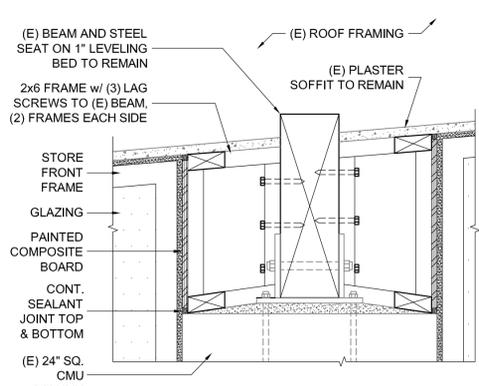
43 EXPANSION JOINT
3"= 1'-0"



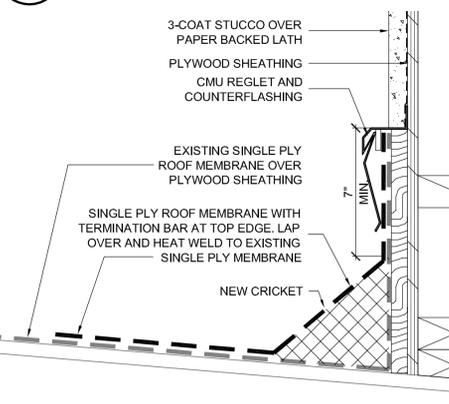
33 STEEL BEAM FIREPROOFING
1 1/2"= 1'-0"



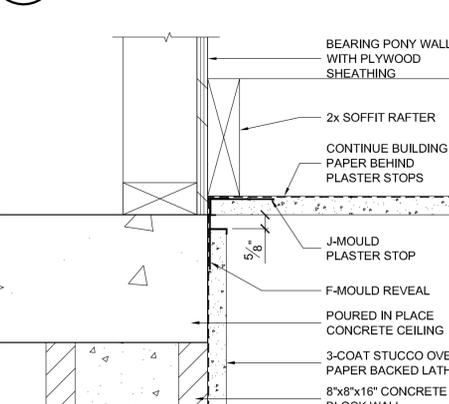
23 EXPANSION JOINT
6"= 1'-0"



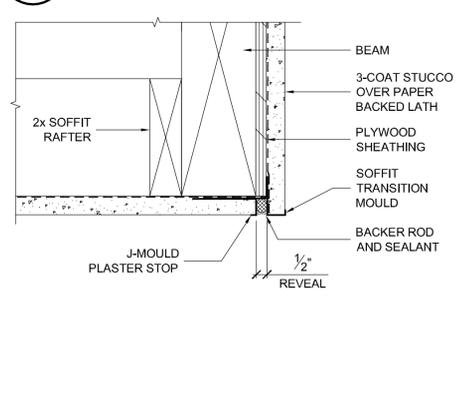
13 INFILL AT GLU-LAM BEAMS
1 1/2"= 1'-0"



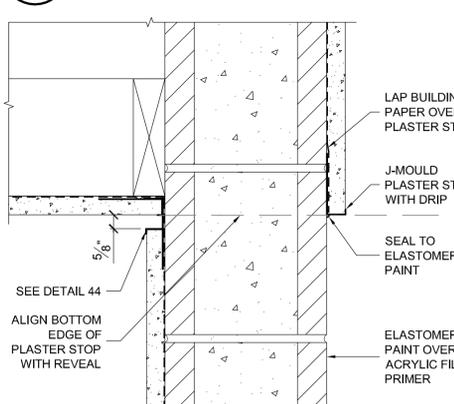
54 ROOF CRICKET
3"= 1'-0"



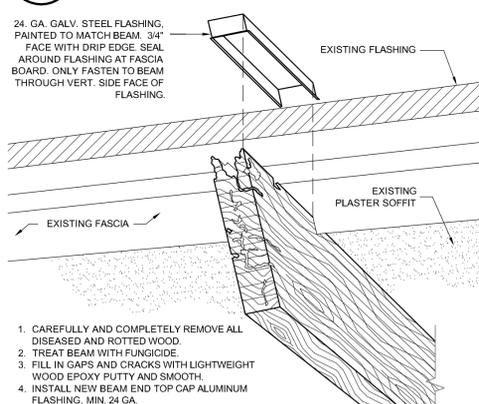
44 SOFFIT AT WALL
3"= 1'-0"



34 SOFFIT EDGE
3"= 1'-0"



24 SOFFIT EDGE
3"= 1'-0"



14 GLU-LAM REPAIR
N.T.S.

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\A9.1 - Phase 1 Architectural Details.dwg, 3/25/2011 9:44:31 AM, PDF995

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

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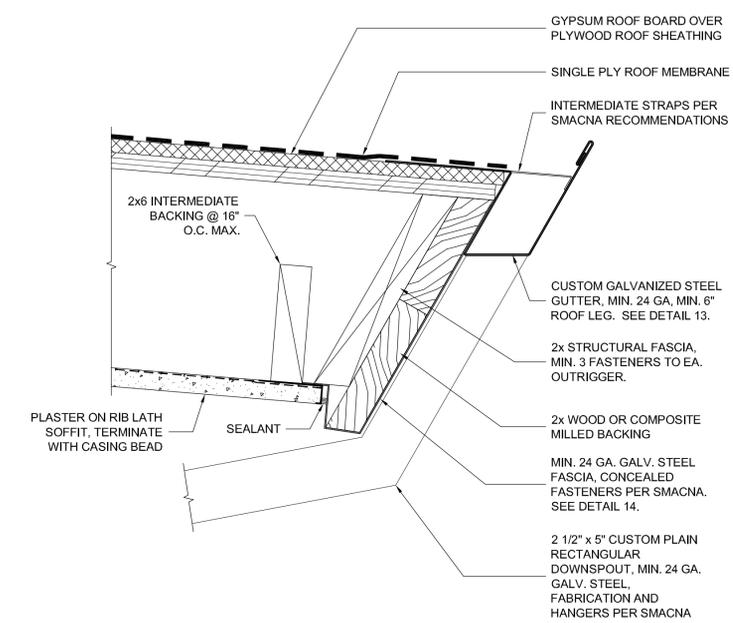
SHEET TITLE

ARCHITECTURAL DETAILS

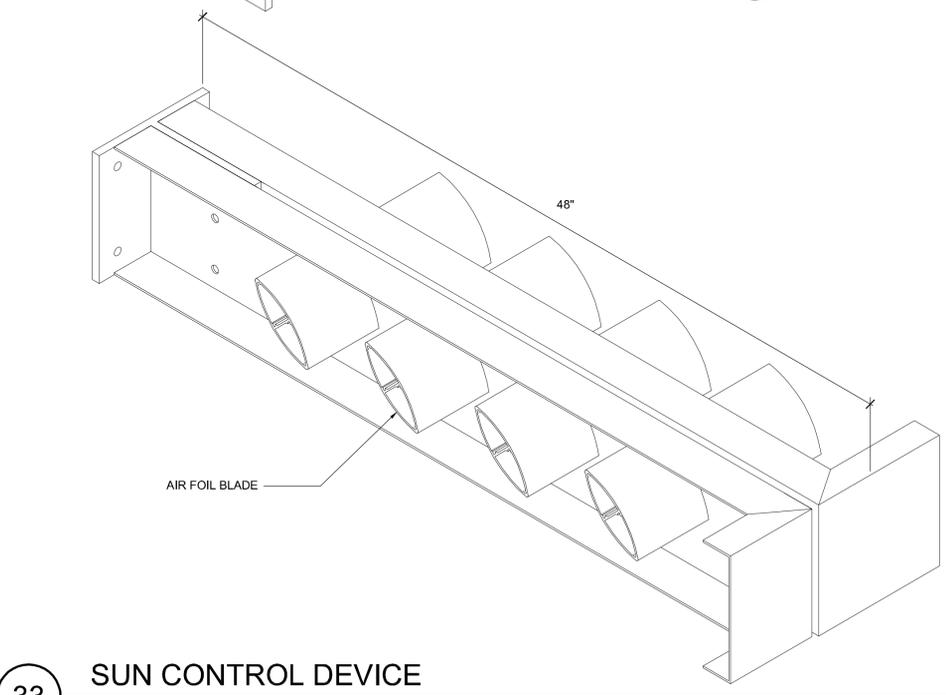
SHEET #

A9.2

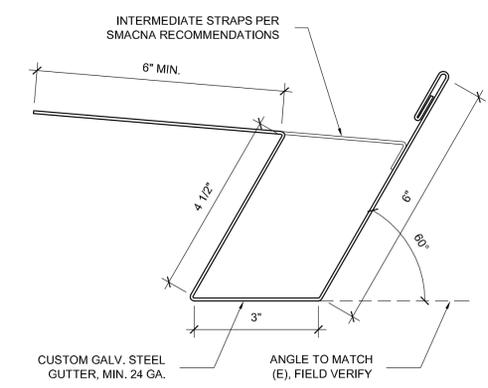
11 TYPICAL ROOF EDGE / GUTTER
3"= 1'-0"



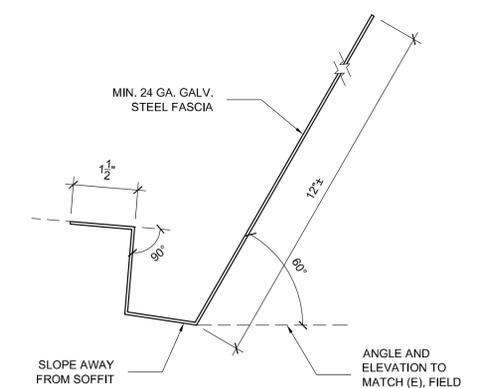
33 SUN CONTROL DEVICE
3"=1'-0"



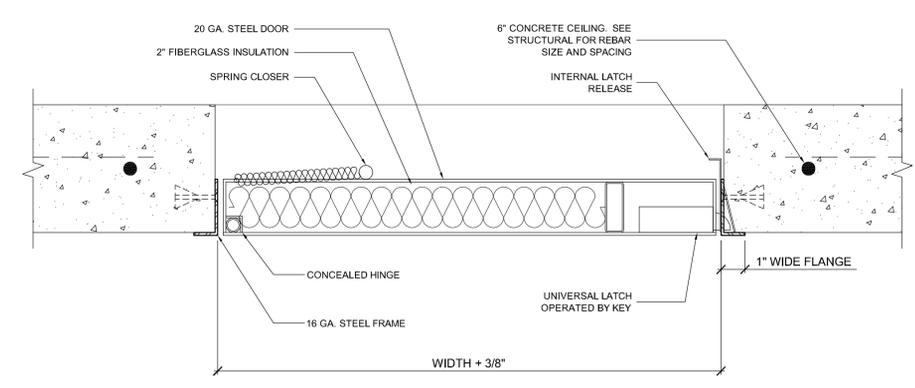
13 TYPICAL GUTTER
6"=1'-0" D087008D



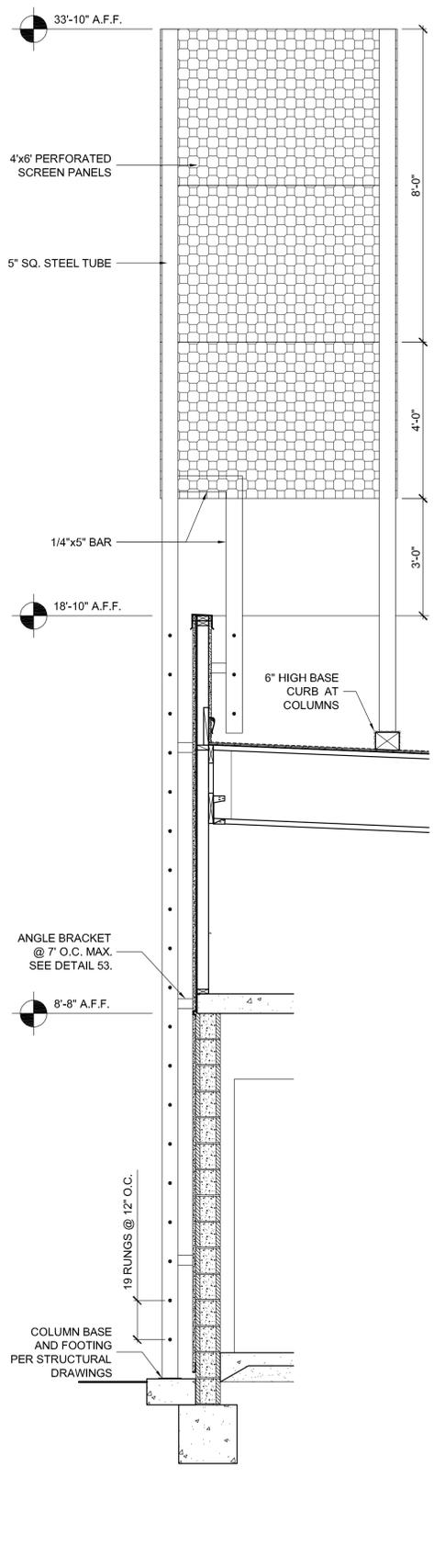
14 TYPICAL FASCIA
6"=1'-0" D087008D



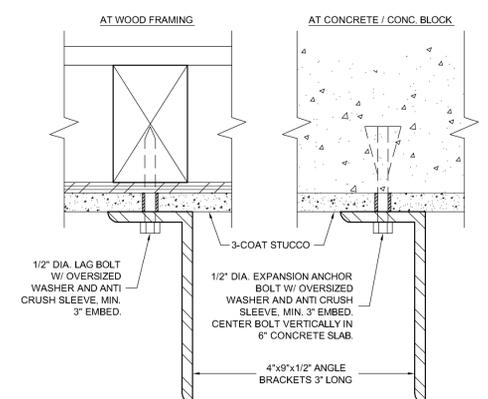
34 ATTIC ACCESS DOOR
3"=1'-0"



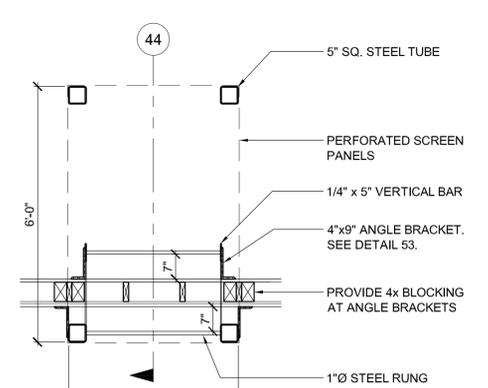
44 ACCESS LADDER SECTION
1/2"= 1'-0"



53 ANGLE BRACKETS
3"=1'-0"



54 ACCESS LADDER PLAN
1/2"= 1'-0"



\\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
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COUNTY OF SAN JOAQUIN**

**MANTECA BRANCH
SITE AND BUILDING
IMPROVEMENTS**

PHASE 1

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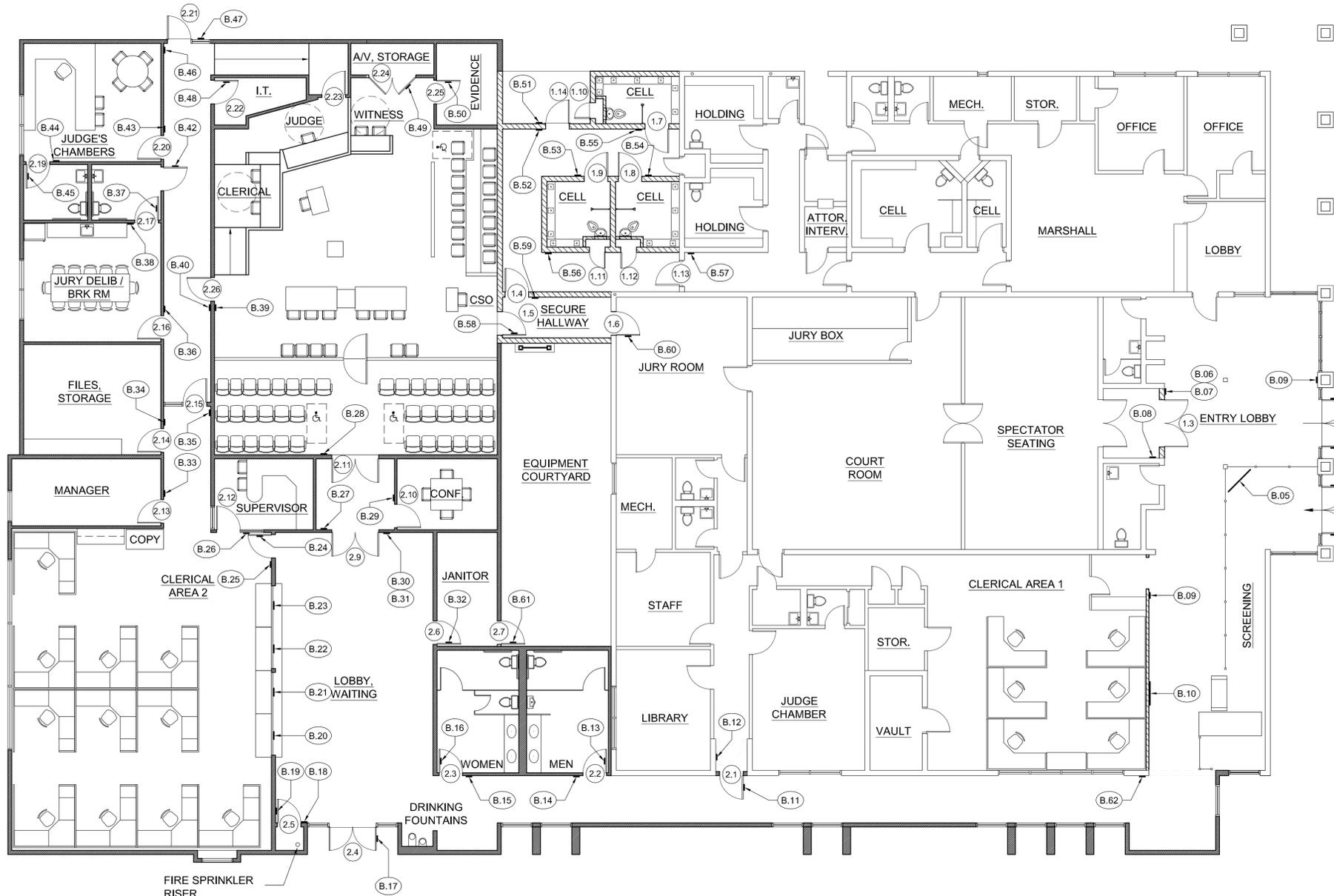
SHEET TITLE

**PHASE I & PHASE II
SIGNAGE FLOOR
PLAN**

SHEET #

SS.1

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"

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\SS.1 - Phase I and Phase II Composite Reference Signage Floor Plan.dwg, 3/7/2011 2:30:59 PM, P0995

SIGNAGE GENERAL NOTES

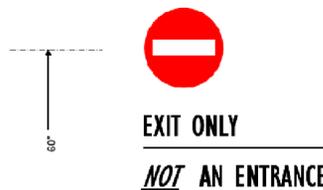
- SEE SHEET A1.2 FOR LOCATION OF SITE SIGNAGE.
- EXIT SIGNS SHALL COMPLY WITH THE PROVISIONS OF THE 2007 CALIFORNIA BUILDING CODE SECTION 1011.
- SIGNS THAT IDENTIFY, DIRECT TO OR GIVE INFORMATION ABOUT PERMANENT BUILDING ROOMS AND SPACES SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES, SECTION 4.30, AND CALIFORNIA BUILDING CODE, TITLE 24, PART 2, VOLUME 1, SECTION 1117.B.5.
- 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.
- 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".
- SIGNS WILL BE MOUNTED AT 60" FROM THE FINISHED FLOOR SURFACE TO THE CENTER OF THE SIGN UNLESS OTHERWISE NOTED.



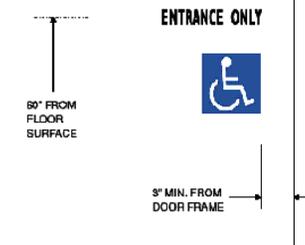
21 A.01
NOT TO SCALE



32 B.09
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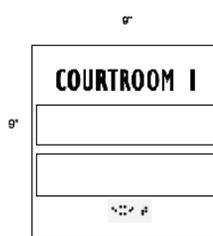
22 B.04
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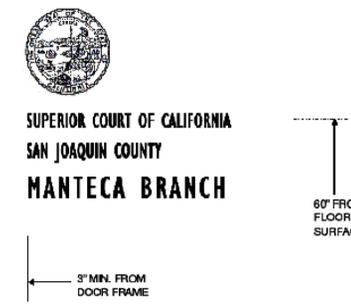
12 B.01
SCALE: 1/8" = 1'-0"



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

A. SPECIAL INSPECTION GENERAL NOTES

- ALL SPECIAL INSPECTION SHALL BE PROVIDED IN ACCORDANCE WITH C.B.C SECTION 1704 AND 1705.
- 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.
- 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.
- SPECIAL INSPECTORS SHALL BE APPROVED BY LOCAL BUILDING OFFICIAL IN ACCORDANCE WITH C.B.C. SECTION 1704.1.
- SEE ARCHITECTURAL DRAWINGS FOR SPRAYED FIRE-RESISTANT REQUIREMENTS.
 - SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.10 AND 1704.11.
 - SPECIAL INSPECTION MAY BE REQUIRED FOR SMOKE CONTROL SYSTEMS IN ACCORDANCE WITH C.B.C. 1704.14.
- SEE MECHANICAL PLUMBING AND ELECTRICAL DRAWINGS FOR SPECIAL INSPECTION REQUIREMENTS.
 - SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1707.8, 1707.9, 1707.10 AND 1708.5.
 - SPECIAL INSPECTION MAY BE REQUIRED FOR SMOKE CONTROL SYSTEMS IN ACCORDANCE WITH C.B.C 1704.14.
- SEE PROJECT SOILS REPORT FOR ALL SPECIAL INSPECTION REQUIREMENTS FOR EXISTING SOILS CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS.
 - SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.7 AND TABLE 1704.7.
- SEE ARCHITECTURAL DRAWINGS FOR SPECIAL INSPECTION FOR EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS), STORAGE RACKS AND ACCESS FLOORS, AND ARCHITECTURAL COMPONENTS.
 - SPECIAL INSPECTION MAY BE REQUIRED IN ACCORDANCE WITH C.B.C. SECTION 1704.12, 1707.6 AND 1707.7.
- LOCAL BUILDING OFFICIALS MAY REQUIRE SPECIAL INSPECTION FOR "SPECIAL CASES" IN ACCORDANCE WITH C.B.C. SECTION 1704.13.
- 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:
 - ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS;
 - ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL;
 - PROCEDURES FOR EXERCISED CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS; AND
 - IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.
- 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
HIGH STRENGTH BOLTING			
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.
WELDING - STRUCTURAL STEEL (3)			
5. COMPLETE AND PARTIAL PENETRATED GROOVE WELDS.	×		
6. MULTIPASS FILLET WELDS.	×		
7. SINGLE-PASS FILLET > 3/8".	×		
8. SINGLE-PASS FILLET ≤ 3/8".		×	
9. FLOOR AND ROOF DECKS.		×	
WELDING - REINFORCED STEEL			
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.		×	
STEEL FRAME			
14. STEEL FRAME JOINT DETAIL COMPLIANCE.		×	SEE NOTE 4.
NOTES:			
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. <ol style="list-style-type: none"> SINGLE-PASS FILLET WELDS NOT EXCEEDING 3/8" IN SIZE. FLOOR AND ROOF DECK WELDING. WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM. WELDED SHEET STEEL FOR COLD-FORMED STEEL FRAMING MEMBERS SUCH AS STUDS AND JOISTS. 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.		×	XXX

D. CONCRETE CONSTRUCTION (1)(2)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REMARKS
1. INSPECTION OF REINFORCING STEEL PLACEMENT.			
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.			
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.		×	
NOTES:			
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: <ol style="list-style-type: none"> ISOLATED SPREAD FOOTINGS. CONTINUOUS CONCRETE FOOTINGS. NONSTRUCTURAL CONCRETE SLAB ON GRADE. 			
4. TEST CYLINDERS/SPECIMENS <ol style="list-style-type: none"> 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 COPIES 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. SEE ALSO REQUIREMENTS A.C.I. SECTION 5.6. 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)
NOTES:			
1. SEE CBC SECTION 1704.6 AND 1707.3.			
2. NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF COMPONENTS.			
3. SPECIAL INSPECTION NOT REQUIRED WHERE FASTENERS SPACING OF THE SHEATHING IS MORE THAN 4" WHETHER IT IS OF THE GRADE AND THICKNESS SHOWN ON THE APPROVED BUILDING PLANS. ADDITIONALLY, THE SPECIAL INSPECTOR MUST VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED BUILDING PLANS.			

PROJECT COORDINATION

- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER 24 HOURS IN ADVANCE OF REACHING THE FOLLOWING STAGES OF CONSTRUCTION:
- FOOTING EXCAVATIONS COMPLETED, TRENCHES READY FOR PLACING OF REINFORCING.
 - FOOTING REINFORCING BARS IN PLACE.
 - SLAB ON GRADE REINFORCING BARS IN PLACE.
 - CONCRETE PLACING OPERATIONS.
 - STRUCTURAL STEEL COLUMN PLACEMENT, EACH LEVEL.
 - STRUCTURAL STEEL ROOF FRAMING, EACH LEVEL.
 - ALL STRUCTURAL STEEL FRAMING COMPLETED BUT NOT CLOSED IN.
 - WOOD FRAMING COMPLETED BUT NOT CLOSED IN.
 - PLYWOOD NAILING COMPLETED BUT NOT COVERED.
 - ALL STRUCTURAL WORK COMPLETED.

ABBREVIATIONS

Ø A.B. ABV. A.C.I. A.I.S.C. A.I.T.C. ALUM. A.O.R. A.P.B. APPROX. ARCH. A.S.T.M. ATR A.W.S. A.Y.C.	AT ANCHOR BOLT ABOVE AMERICAN CONCRETE INSTITUTE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AMERICAN INSTITUTE OF TIMBER CONSTRUCTION ALUMINUM ARCHITECT OF RECORD ANTHONY POWER BEAM APPROXIMATE(LY) ARCHITECT, ARCHITECTURE AMERICAN SOCIETY OF TESTING AND MATERIALS ALL THREAD ROD AMERICAN WELDING SOCIETY ALASKAN YELLOW CEDAR	HT. I.B.C. I.C.B.O. L.C.C. I.D. IN. INT. JST., JSTS. L.L. L.TWT. L.S.L. L.V.L. MAX. M.B. MECH. MFR. MIN. M.L. M.TD. MTL. (N) N.T.S. O.A. O.C. O.D. O.S.B. O.S.H.P.D.	HEIGHT INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INTERNATIONAL CODE COUNCIL INSIDE DIAMETER INCH, INCHES INTERIOR JOIST, JOISTS LIVE LOAD LUTWIGHT LAMINATED STRAND LUMBER LAMINATED VENEER LUMBER MAXIMUM MACHINE BOLT MECHANICAL MANUFACTURED MINIMUM MICRO-LAM BEAM MOUNTED METAL NEW NOT TO SCALE OVERALL ON CENTER OUTSIDE DIAMETER ORIENTED STRAND BOARD OFFICE OF STATE HEALTH PLANNING AND DEVELOPMENT PENETRATION PLATE PLYWOOD PARTIAL JOINT PENETRATION PORT ORFORD CEDAR POUNDS PER SQUARE INCH PARALLEL STRAND LUMBER (PARALAM) PUDDLE WELD Q.A. Q.C. QUALITY ASSURANCE QUALITY CONTROL
BLDG. BLK. BLKD. BLKG. BM., BMS. B.O. BOT. BRG. B/T BTR C.A.C. CANT. C.B.C. C.J. C.J.P. C. C.L.G. C.L.R. C.M.U. COL. CONC. CONC. BLK. CONN. CONSTR. CONT. C.O.S.	BUILDING BLOCK BLOCKED BLOCKING BEAM, BEAMS BOTTOM OF BOTTOM BEARING BETWEEN BETTER CALIFORNIA ADMINISTRATIVE CODE CANTILEVER CALIFORNIA BUILDING CODE CONTROL JOINT COMPLETE JOINT PENETRATION CENTERLINE CEILING CLEAR CONCRETE MASONRY UNIT COLUMN CONCRETE CONCRETE BLOCK CONNECTION CONSTRUCTION CONTINUE, CONTINUOUS CORNER OF STUD	FL. FLYWD. P.J.P. P.O.C. P.S.I. P.S.L. P.W. Q.A. Q.C. RBS RBDWD. REBAR. REINFORCING BAR REINFORCING REINFORCING REINFORCING REQUIRED S.F. SHT. SHT'G SIM. SLRS SQ. S.S. STAGG'D STAND., STD. STL. S.W. SW SSW TAG T.O. T.O.F. T.O.F. T.O.S. T.O.W. T.S. TYP. U.B.C. UNBLKD. U.O.N., U.N.O. U.R.M. VERT. V.I.F. W/ WD. W.S.M.F. WSS WT. W.W.M.	PLATE PLYWOOD PARTIAL JOINT PENETRATION PORT ORFORD CEDAR POUNDS PER SQUARE INCH PARALLEL STRAND LUMBER (PARALAM) PUDDLE WELD QUALITY ASSURANCE QUALITY CONTROL REDUCED BEAM SECTION REDWOOD REINFORCING BAR REINFORCING REINFORCING REINFORCING REQUIRED SQUARE FEET SHEET SHEATHING SIMILAR SEISMIC LOAD RESISTING SYSTEM SQUARE SELECT STRUCTURAL STAGGERED STANDARD STEEL SLOT WELD STRONG WALL STEEL STRONG WALL TONGUE AND GROOVE TOP OF TOP OF CONCRETE TOP OF FOOTING TOP OF SLAB TOP OF WALL TUBE SECTION TYPICAL UNIFORM BUILDING CODE UNBLOCKED UNLESS OTHERWISE NOTED UNREINFORCED MASONRY VERTICAL VERIFY IN FIELD WITH WOOD WELDED STEEL MOMENT FRAME WELDED STEEL STUD WEIGHT WOVEN WIRE MESH
BLDG. BLK. BLKD. BLKG. BM., BMS. B.O. BOT. BRG. B/T BTR C.A.C. CANT. C.B.C. C.J. C.J.P. C. C.L.G. C.L.R. C.M.U. COL. CONC. CONC. BLK. CONN. CONSTR. CONT. C.O.S.	BUILDING BLOCK BLOCKED BLOCKING BEAM, BEAMS BOTTOM OF BOTTOM BEARING BETWEEN BETTER CALIFORNIA ADMINISTRATIVE CODE CANTILEVER CALIFORNIA BUILDING CODE CONTROL JOINT COMPLETE JOINT PENETRATION CENTERLINE CEILING CLEAR CONCRETE MASONRY UNIT COLUMN CONCRETE CONCRETE BLOCK CONNECTION CONSTRUCTION CONTINUE, CONTINUOUS CORNER OF STUD	FL. FLYWD. P.J.P. P.O.C. P.S.I. P.S.L. P.W. Q.A. Q.C. RBS RBDWD. REBAR. REINFORCING BAR REINFORCING REINFORCING REINFORCING REQUIRED S.F. SHT. SHT'G SIM. SLRS SQ. S.S. STAGG'D STAND., STD. STL. S.W. SW SSW TAG T.O. T.O.F. T.O.F. T.O.S. T.O.W. T.S. TYP. U.B.C. UNBLKD. U.O.N., U.N.O. U.R.M. VERT. V.I.F. W/ WD. W.S.M.F. WSS WT. W.W.M.	PLATE PLYWOOD PARTIAL JOINT PENETRATION PORT ORFORD CEDAR POUNDS PER SQUARE INCH PARALLEL STRAND LUMBER (PARALAM) PUDDLE WELD QUALITY ASSURANCE QUALITY CONTROL REDUCED BEAM SECTION REDWOOD REINFORCING BAR REINFORCING REINFORCING REINFORCING REQUIRED SQUARE FEET SHEET SHEATHING SIMILAR SEISMIC LOAD RESISTING SYSTEM SQUARE SELECT STRUCTURAL STAGGERED STANDARD STEEL SLOT WELD STRONG WALL STEEL STRONG WALL TONGUE AND GROOVE TOP OF TOP OF CONCRETE TOP OF FOOTING TOP OF SLAB TOP OF WALL TUBE SECTION TYPICAL UNIFORM BUILDING CODE UNBLOCKED UNLESS OTHERWISE NOTED UNREINFORCED MASONRY VERTICAL VERIFY IN FIELD WITH WOOD WELDED STEEL MOMENT FRAME WELDED STEEL STUD WEIGHT WOVEN WIRE MESH

SYMBOLS

▲	HOLDOWN LOCATION -SEE SHEAR WALL SCHEDULE
○	ROOF FRAMING, FLOOR FRAMING, OR FOUNDATION REFERENCE NOTE
⬢	POST, COLUMN OR COLUMN FOOTING REFERENCE -REFER TO SCHEDULES
⊥ (X'-X')	SHEAR WALL REFERENCE (MINIMUM SHEARWALL LENGTH) -REFER TO SCHEDULE
# S-X	DETAIL NUMBER REFERENCE SHEET NUMBER REFERENCE
▬	2x STUD BEARING WALL
▬	CONCRETE WALL
▬	CONCRETE BLOCK WALL
⊙	ELEVATION REFERENCE
⊙	BUILDING MATCH LINE
⊙	ELEVATION REFERENCE

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

**GENERAL
STRUCTURAL
NOTES**

SHEET #

S1.1

PROJECT

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

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SITE AND BUILDING
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SHEET TITLE

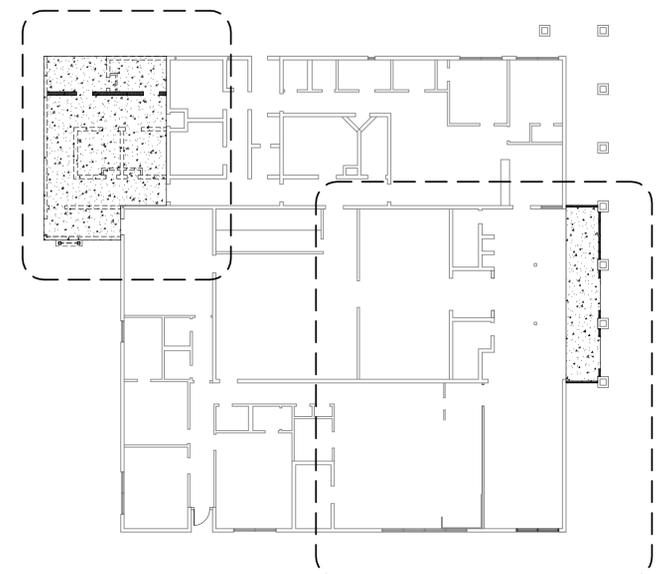
**PHASE I
FOUNDATION
PLAN**

SHEET #

S2.1

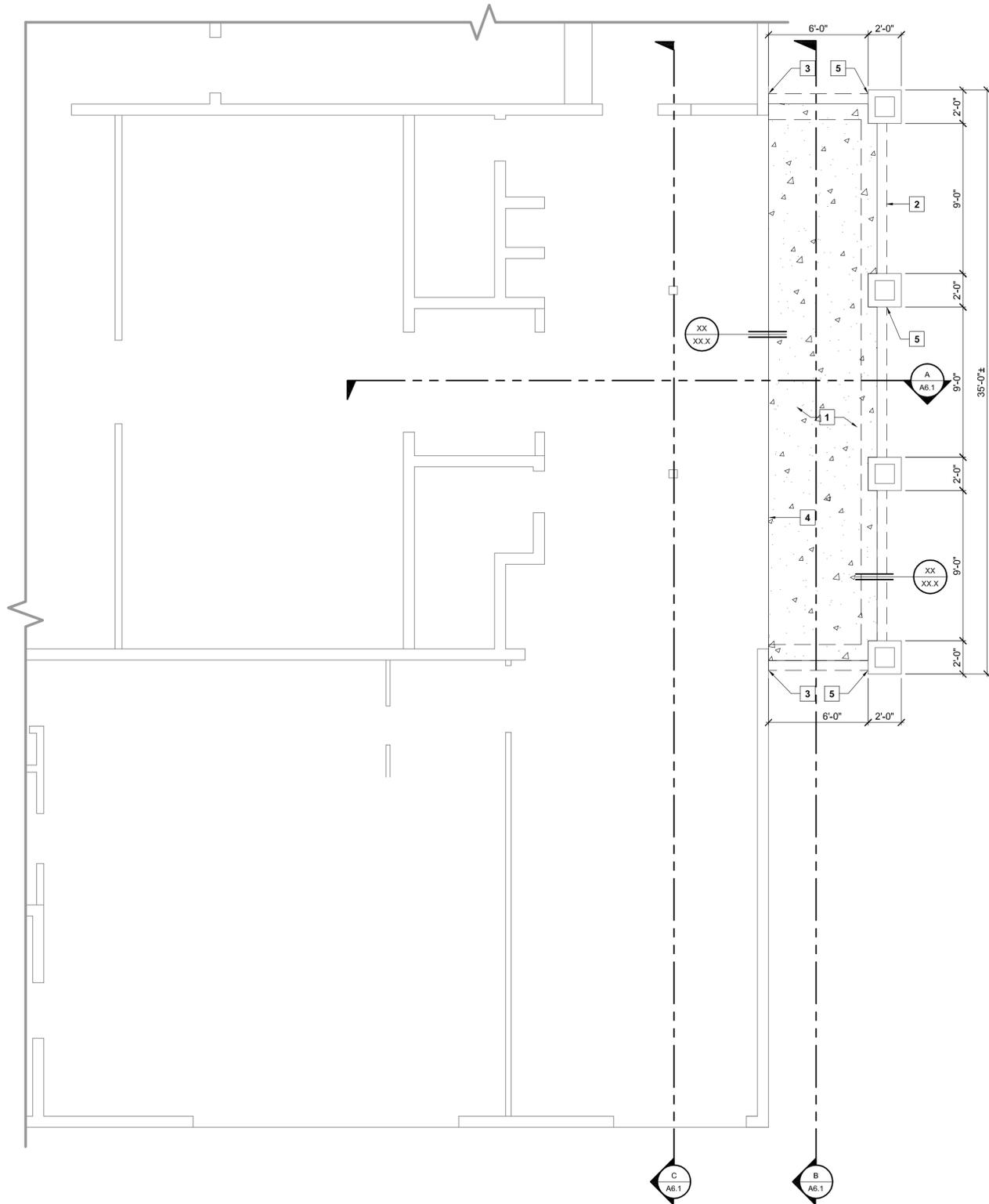
FOUNDATION PLAN KEYNOTES

1. NEW CONCRETE SLAB.
2. NEW PERIMETER FOOTING.
3. DOWEL TO SLAB.
4. DOWEL TO FOOTING.
5. DOWEL TO COLUMN FOOTING.
6. CONCRETE SLAB. 2% SLOPE AWAY FROM DOOR.
7. INTERIOR BEARING WALL.
8. FOOTING FOR ROOF ACCESS LADDER / EQUIPMENT TOWER.



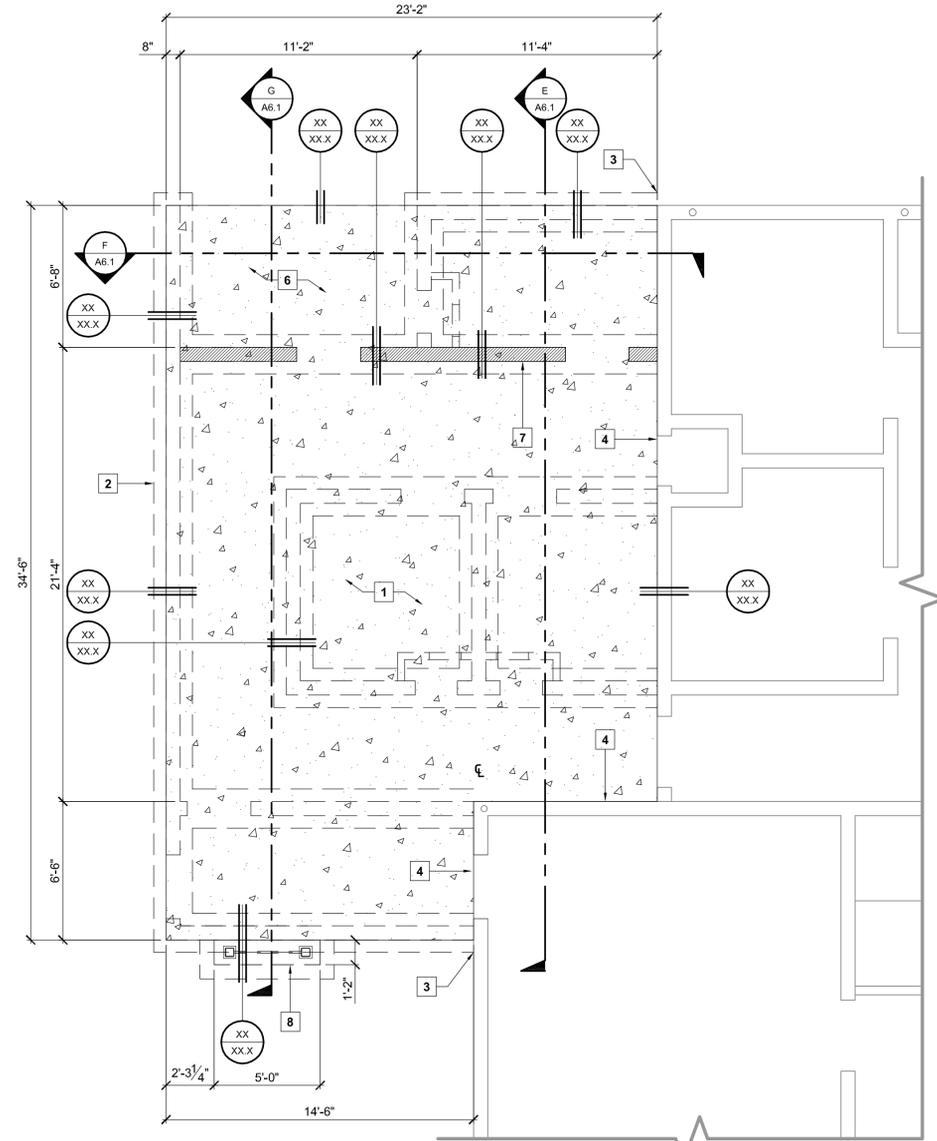
PHASE I KEY PLAN

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



PHASE I FOUNDATION PLAN - LOBBY

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



PHASE I FOUNDATION PLAN - HOLDING CELL ADDITION

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

\\John\Manteca Courthouse 1007\Drawings\Sheets\Phase 1\S2.1 - Phase I Foundation Plan.dwg, 3/7/2011 2:33:56 PM, PDF995

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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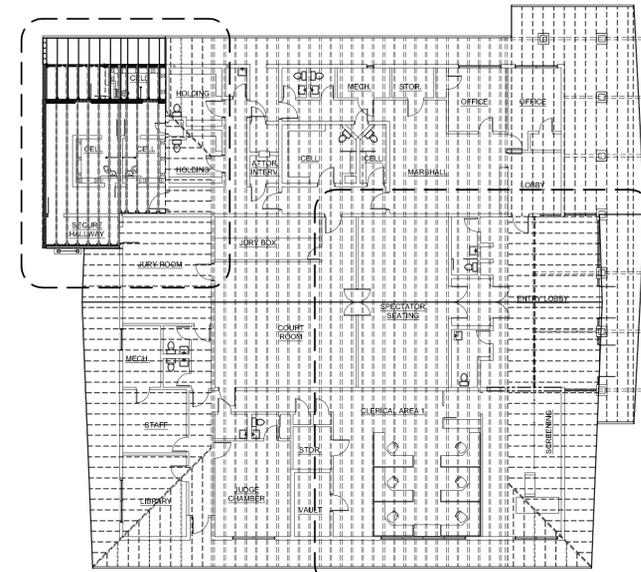
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SHEET TITLE

PHASE I ROOF FRAMING PLAN

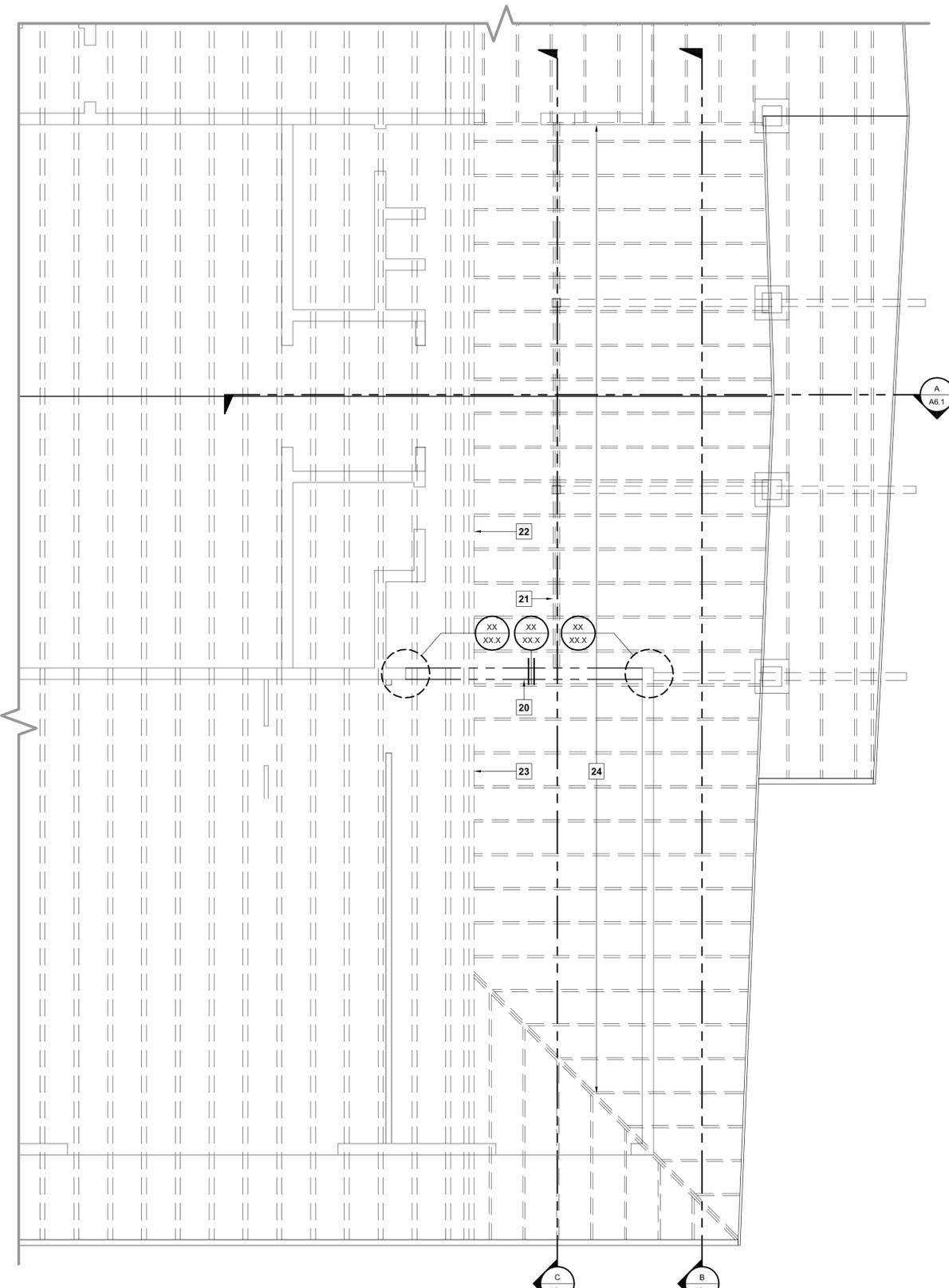
SHEET #

S3.1



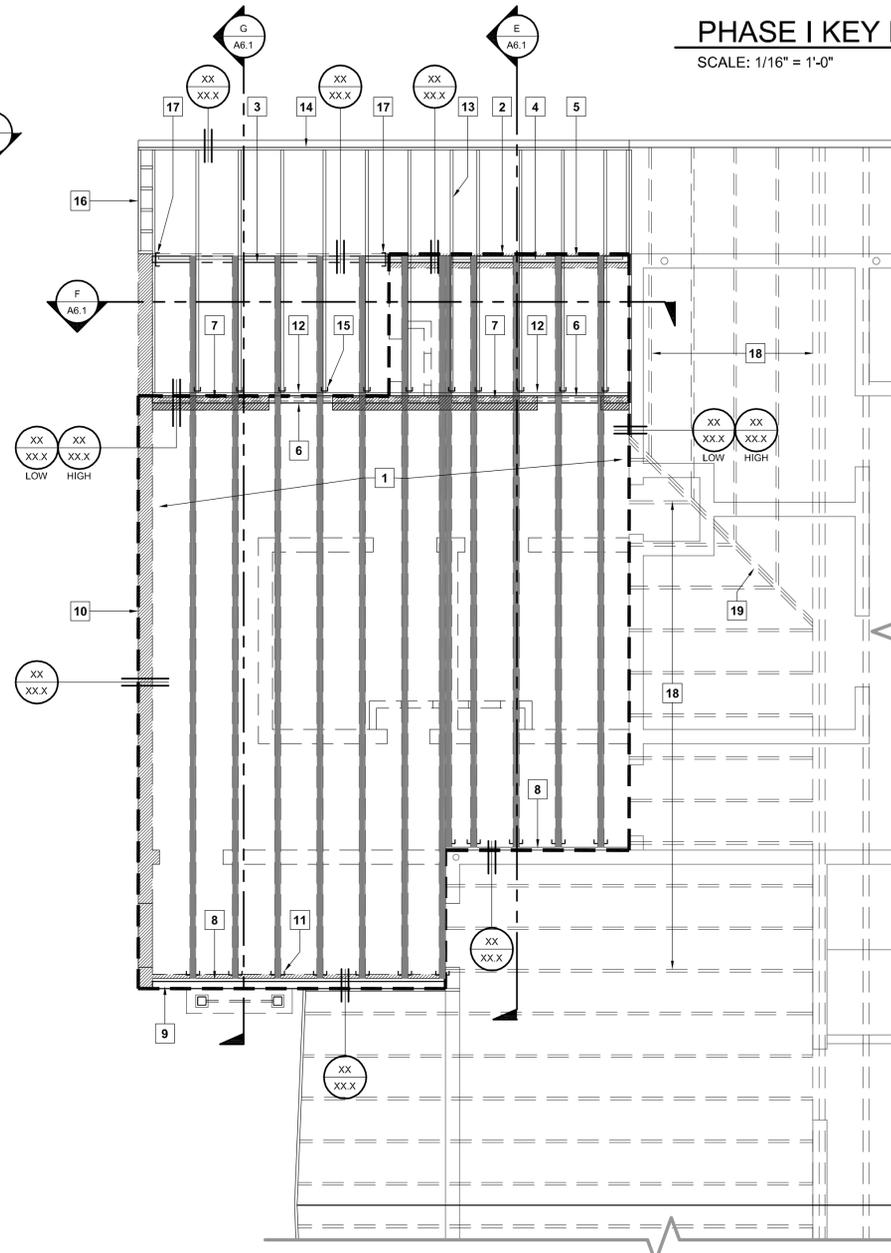
PHASE I KEY PLAN

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



PHASE I ROOF FRAMING PLAN - LOBBY

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



PHASE I ROOF FRAMING PLAN - HOLDING CELL ADDITION

SCALE: 1/4" = 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.

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

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 CONTRACTOR'S 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 SPECIFIED 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

MECHANICAL/PLUMBING: THE WORK UNDER THIS SECTION INCLUDES EVERYTHING NECESSARY FOR AND INCIDENTAL TO EXECUTING AND COMPLETING THE MECHANICAL/PLUMBING WORK, EXCEPT AS HEREINAFTER SPECIFICALLY EXCLUDED. WORK INCLUDED SHALL BE AS INDICATED ON THE DRAWINGS COMPLETELY INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

MECHANICAL EQUIPMENT:

- AIR DISTRIBUTION
- CONTROLS
- START UP AND BALANCE
- SANITARY SOIL, WASTE, AND VENT SYSTEMS
- GAS PIPING
- CONDENSATE PIPING
- DOMESTIC WATER SYSTEMS
- PLUMBING FIXTURES AND EQUIPMENT
- REQUIRED SUPPORTS AND BLOCKING

RELATED WORK: THE FOLLOWING WORK SHALL NOT BE FURNISHED UNDER THIS SECTION OF THE SPECIFICATIONS BUT WILL BE INCLUDED IN OTHER SPECIFICATIONS SECTIONS:

- CUTTING, PATCHING, AND FURRING
- CONDUIT AND LINE VOLTAGE ELECTRICAL
- FINAL PAINTING
- ROOFING
- CONCRETE PLACEMENT

RIGID ROUND DUCTWORK AND FITTINGS:

- ALL RIGID ROUND DUCTWORK SHALL BE UNITED SHEET METAL SPIRAL LOCKSEAM DUCT, OR APPROVED EQUAL, MANUFACTURED FROM GALVANIZED STEEL MEETING THE ASTM A-527-71. ALL DUCT GAUGES SHALL CONFORM WITH TABLE 6-8, CMC 2007

- ALL FITTINGS SHALL BE MANUFACTURER AS SEPARATE FITTINGS. NO BRANCH TAPS WILL BE ALLOWED.

RECTANGULAR DUCTWORK:

- ALL RECTANGULAR DUCTWORK, FITTINGS, AND ACCESSORIES SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE TO THE SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" HANDBOOK, AND SHALL BE PRIME GRADE GALVANIZED STEEL SHEETS OF LOCK FORM QUALITY.

INTERIOR DUCTWORK SEALING:

- PROVIDE COMPLETE SEALING OF ALL DUCT CONNECTIONS WITH 'UNI-MASTIC 181' FIBER REINFORCED DUCT SEALER BY MCGILL AIRSEAL PRODUCTS.

DUCT INSULATION:

- EXTERNAL DUCT INSULATION SHALL BE APPLIED TO ALL HEATING AND/OR COOLING DUCTS NOT INTERNALLY INSULATED AND NOT WITHIN CONDITIONED SPACES. MANVILLE MICROTE FSK 1-1/2", R-SERIES, ALUMINUM FOIL REINFORCED WITH FIBERGLASS, SCRIM LAMINATED TO U.L. RATED KRAFT, WITH R=4.8, SHALL BE USED OR APPROVED EQUAL. CIRCUMFERENTIAL AND LONGITUDINAL SEAMS SHALL BE LAPPED MINIMUM OF 2" AND SECURED WITH 3" WIDE PRESSURE SENSITIVE FOIL VAPOR BARRIER TAPE. FURTHER ATTACH INSULATION TO THE DUCTWORK BY SPIRALING WIRE AT 12" CENTERS ITS ENTIRE LENGTH. THE FINISHED PRODUCT SHALL BE VAPOR-PROOF AND FREE OF SACS.

CONTROLS:

- THERMOSTATS SHALL BE AS INDICATED ON PLANS AND MOUNTED AT 48" ABOVE FINISHED FLOOR. ALL LOW VOLTAGE WIRE, WRING, AND CONNECTIONS ARE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. ALL THERMOSTATS SHALL BE PROGRAMMED TO PROVIDE ADEQUATE SETBACK DURING NON-OCCUPIED HOURS, AND FOR EVAPORATOR FANS TO RUN CONTINUOUSLY DURING OCCUPIED HOURS.

EXECUTION (MECHANICAL):

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

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

- WHERE APPLICATIONS ARE NOT SPECIFICALLY COVERED IN THIS SECTION, FOLLOW MANUFACTURER'S INSTRUCTIONS. ALL DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT FOR APPROVAL BEFORE STARTING WORK.

- ALL EXPOSED DUCTWORK, TAPS AND REGISTERS SHALL BE LEVEL, STRAIGHT AND FREE OF DEFECTS. ALL DAMPERS AND REGISTERS MUST BE INSTALLED AS TO NOT WHISTLE OR RATTLE.

- TESTING AND BALANCING SHALL BE PERFORMED FOLLOWING AABC OR NEBB BALANCE CRITERIA. THE FOLLOWING INFORMATION SHALL BE SUBMITTED TO THE MECHANICAL ENGINEER:
 - VOLTAGE (RATED AND ACTUAL)
 - FAN SPEEDS (RATED AND ACTUAL)
 - MOTOR CURRENT (RATED AND ACTUAL)
 - AIR QUANTITIES AT OUTLETS AND INLETS (RATED)
 - AIR QUANTITIES AT OUTLETS AND INLETS ADJUSTED TO WITHIN 10% OF DESIGN SUPPLY AIR EXTERNAL STATIC PRESSURE ("W.G.)
 - RETURN AIR EXTERNAL STATIC PRESSURE ("W.G.)
 - TOTAL SUPPLY AIR CFM
 - TOTAL RETURN AIR CFM
 - TOTAL OUTSIDE AIR CFM
 - EQUIPMENT NAMEPLATE DATA

PLUMBING, FITTINGS AND PIPING:

- SOIL, WASTE, AND VENT ABOVE AND BELOW GRADE: PLASTIC ABS OR PVC PIPE AND FITTINGS WITH SOLVENT JOINTS.

- 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-TRAPS: 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 (WOO): 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" ROODS, 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 (EPF) 3/4" WALL 'MCOA' OR EQUIVALENT.

- LAVATORY TRAPS AND H. W. SUPPLIES: PROWRAP, PROTECTIVE KIT BY MCOUIRE 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 OUT 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.

- BACKFILL 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) FREE OF 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-TRAPS, 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

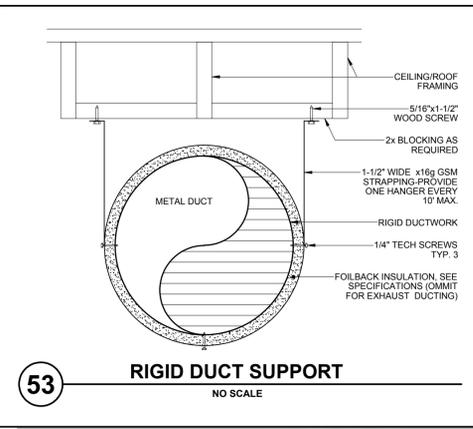
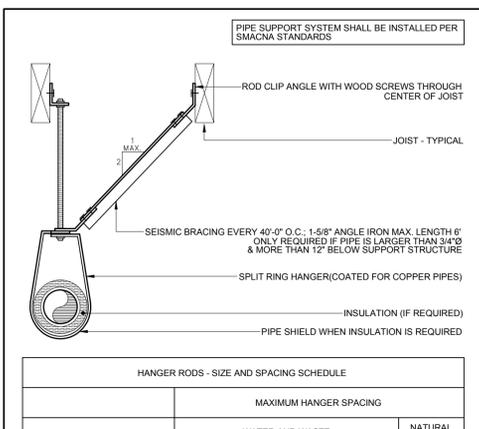
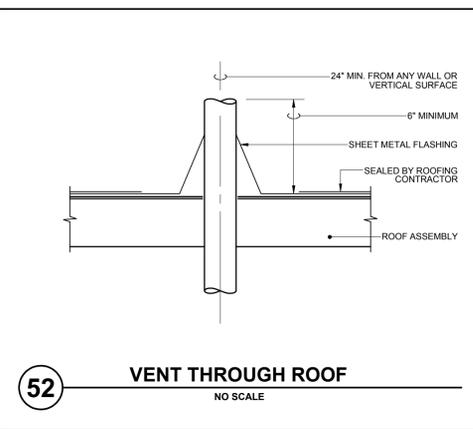
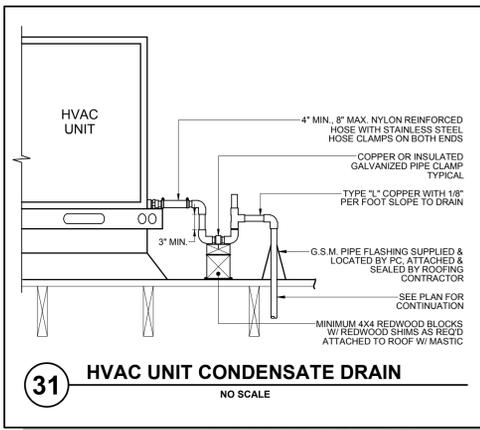
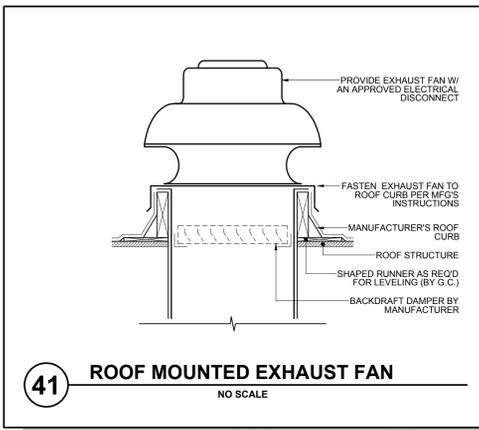
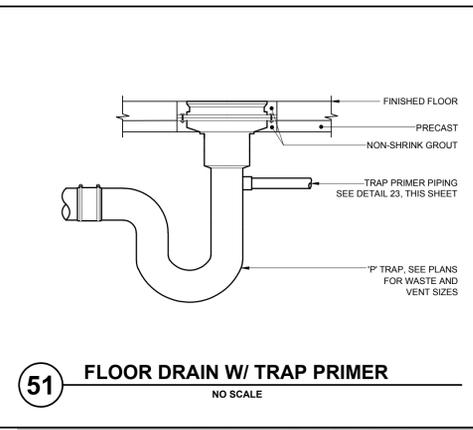
SYMBOL	DESCRIPTION	ABBREV.	SYMBOL	DESCRIPTION	ABBREV.	SYMBOL	DESCRIPTION	ABBREV.
	SUPPLY AIR DIFFUSER	SA		RECTANGULAR DUCT	-		VOLUME DAMPER	VD
	RETURN AIR GRILLE	RA		LINED RECTANGULAR DUCT	-		FIRE DAMPER	FD
	EXHAUST AIR GRILLE	EA		RIGID ROUND DUCT	-		SMOKE DETECTOR	SD
	CEILING EXHAUST FAN	CEF		FLEXIBLE DUCT	-		FLEXIBLE CONNECTION	FC
	SIDEWALL GRILLE, REGISTER, OR LOUVER	-		POINT OF CONNECTION OR DISCONNECTION	POC/POD		THERMOSTAT SENSOR	-
	GRILLE, DIFFUSER, REGISTER, OR 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	EER	ENERGY EFFICIENCY RATIO	MFR	MANUFACTURER	SP	STATIC PRESSURE
AD	ACCESS DOOR	ELEC	ELECTRICAL	(N)	NEW	SEER	SEASONAL ENERGY EFFICIENCY RATIO
AF	ABOVE FINISH FLOOR	ESP	EXTERNAL STATIC PRESSURE	N/A	NOT APPLICABLE	SHT	SHEET
ALUM	ALUMINUM	EWB	ENTERING WET BULB	NFA	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	NORMAL	TBR	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
CAF	CAPACITY	FLA	FULL LOAD AMPS	OI	OUTSIDE AIR INTAKE	UL	UNDERWRITER'S LABORATORIES
CFD	CEILING FIRE DAMPER	FPM	FEET PER MINUTE	OB	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	G	GALLONS PER MINUTE	OPER	OPERATING	VD	VOLUME DAMPER
CSE	CALIFORNIA SEASONAL EFFICIENCY	GALV	GALVANIZED	OSA	OFFICE OF STATE ARCHITECT	W/	WITH
CTE	CAP TO EXISTING	GC	GENERAL CONTRACTOR	PLUM	PLUMBING CONTRACTOR	W/O	WITHOUT
CU	CONDENSING UNIT	GPM	GALLONS PER MINUTE	PLUG	PLUMBING	WB	WET BULB
DET	DETAIL	GSM	GALVANIZED SHEET METAL	POC	POINT OF CONNECTION	WG	WATER GAUGE
DA	DAMPER	HP	HORSEPOWER	POD	POINT OF DISCONNECTION	WMS	WIRE MESH SCREEN
DN	DOWN	HR	HOUR, HOURS	PRESS	PRESSURE	WT	WEIGHT
DWG	DRAWING	HVAC	HEATING, VENTILATING, AIR CONDITIONING	PSI	POUNDS PER SQUARE INCH	WFB	WALL FIRE DAMPER
(E)	EXISTING	ID	INSIDE DIAMETER	RA	RETURN AIR REVISION	(X2)	TYPICAL OF 2
EA	EXHAUST AIR	LBS	POUNDS	RND	ROUND		
EC	ELECTRICAL CONTRACTOR	MC	MICRO METERS	RPM	REVOLUTIONS PER MINUTE		

PLUMBING LEGEND

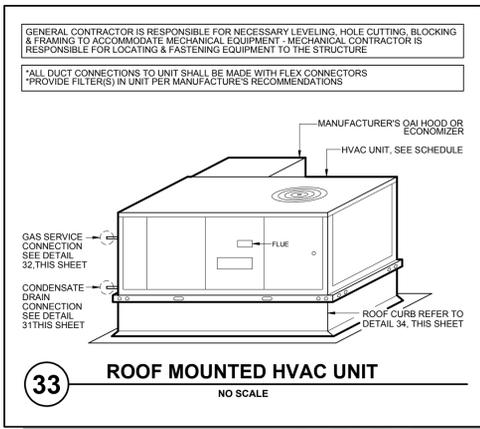
SYMBOL	DESCRIPTION	ABB.	SYMBOL	DESCRIPTION	ABB.	SYMBOL	DESCRIPTION	ABB.
	SOIL, WASTE, OR SEWER	W		PIPE CONNECTION	-		POINT OF CONNECTION/DIS.	POC/POD
	GREASE WASTE	GW		CAPPED OR PLUGGED PIPE	-		FIXTURE GAS SUPPLY	-
	STORM/OVERFLOW DRAIN	SD/OD		PIPE OR EQUIP. T.B.R.	-		WATER HAMMER ARRESTOR	WHA
	VENT	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 V	



HANGER RODS - SIZE AND SPACING SCHEDULE

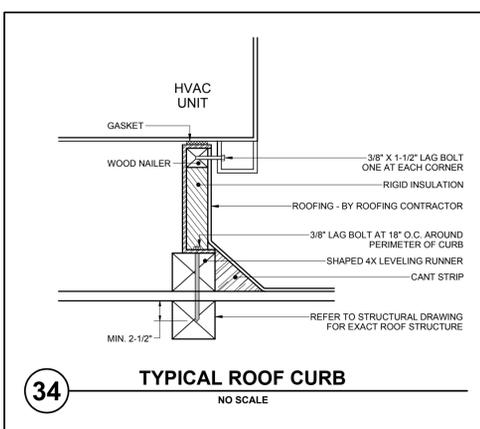
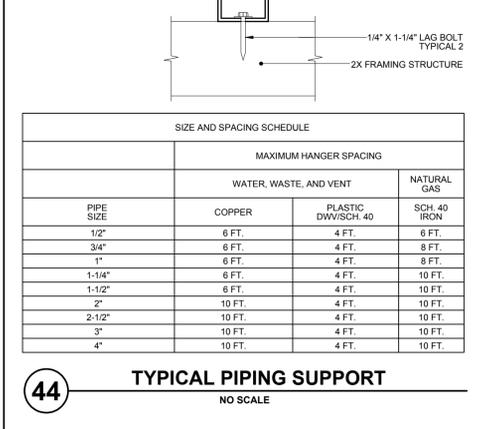
PIPE SIZE	MIN. HANGER ROD SIZE	WATER AND WASTE			NATURAL GAS
		COPPER	STEEL SCH. 40	CAST IRON STD. DWV/SCH. 40	SCH. 40
1/2"	1/4"	6 FT.	6 FT.	-	4 FT. 6 FT.
3/4"	1/4"	6 FT.	8 FT.	-	4 FT. 8 FT.
1"	1/4"	6 FT.	8 FT.	-	4 FT. 8 FT.
1-1/4"	3/8"	6 FT.	10 FT.	-	4 FT. 10 FT.
1-1/2"	3/8"	6 FT.	10 FT.	-	4 FT. 10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

NOTE: LONGITUDINAL BRACINGS AT 80° O.C. MAXIMUM UNLESS OTHERWISE NOTED



SIZE AND SPACING SCHEDULE

PIPE SIZE	WATER, WASTE, AND VENT			NATURAL GAS
	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)	MCCP (AMPS)	CFM	OAI CFM	E.S.P. "W.C.	ID BLOWER MOTOR HP	GAS INPUT (BTUH)	HEATING EFFICIENCY (AFUE%)	WEIGHT (LBS)	NOTES
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	80.9	760	ALL APPLY

NOTES:
 1. PROVIDE FULL MODULATING, DIFFERENTIAL ENTHALPY CONTROL FACTORY ECONOMIZER AND BAROMETRIC RELIEF DAMPER, REFER TO PLAN FOR OUTSIDE AIR QUANTITIES
 2. PROVIDE 7 DAY AUTO CHANGEOVER THERMOSTAT (FAN TO RUN CONTINUOUSLY DURING OCCUPIED HOURS) MOUNT AT 48" A.F.F. REFER TO PLAN FOR LOCATION
 3. PROVIDE STANDARD 8" ROOF CURB, SEE DETAIL 34, THIS SHEET

EXHAUST FAN SCHEDULE

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

NOTES:
 1. INTERLOCK WITH AC-1, BY EG - REFER TO DETAIL 14, THIS SHEET FOR WIRING
 2. PROVIDE FACTORY ROOF CURB, BIRD SCREEN, & BACK DRAFT DAMPER
 3. INSTALL PER MANUFACTURER'S SPECIFICATIONS

AIR TERMINAL SCHEDULE

SYMBOL	MFG	MODEL	NECK SIZE	BORDER	CONST.	FINISH	OBD	NOTES	LEGEND
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-2NØ2	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	Dr DOOR S SUPPLY L REGISTER
CRG-1	TITUS	350RL	12"x18"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	W WALL I INTAKE R LOUVER
CEG-1	TITUS	SG-PR	10"x10"	BORDER TYPE 1	STEEL	SOFT WHITE	YES	1	F FLOOR V VENTILATION S SLOT

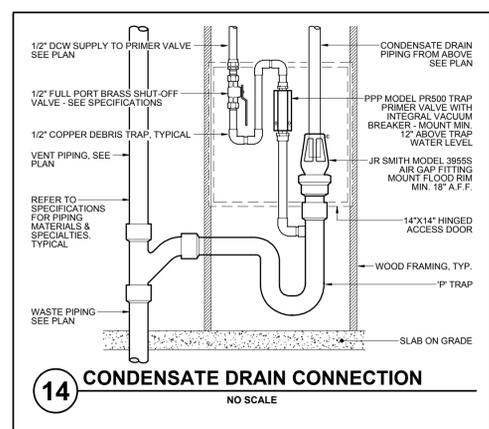
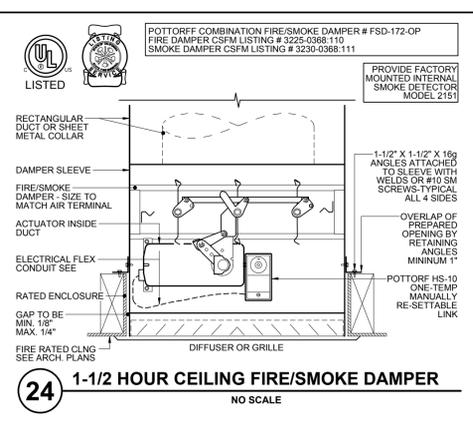
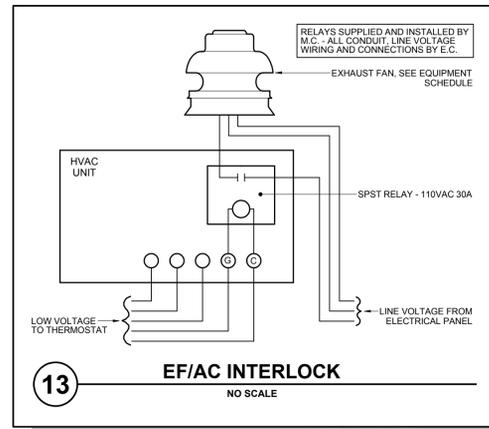
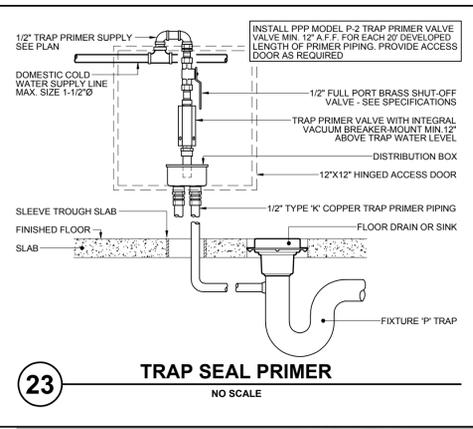
EXAMPLE: CSD-CEILING SUPPLY DIFFUSER

NOTES:
 1. PAINT GRILLE CANS FLAT BLACK INSIDE
 2. MATCH DEFLECTIONS SEEN ON PLAN

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	-

NOTES:
 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

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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JVA MECHANICAL ENGINEERING

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PROJECT MANAGER TDR

DRAWN BY TDR

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 SCHEDULES & DETAILS

SHEET #

MP2.1

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

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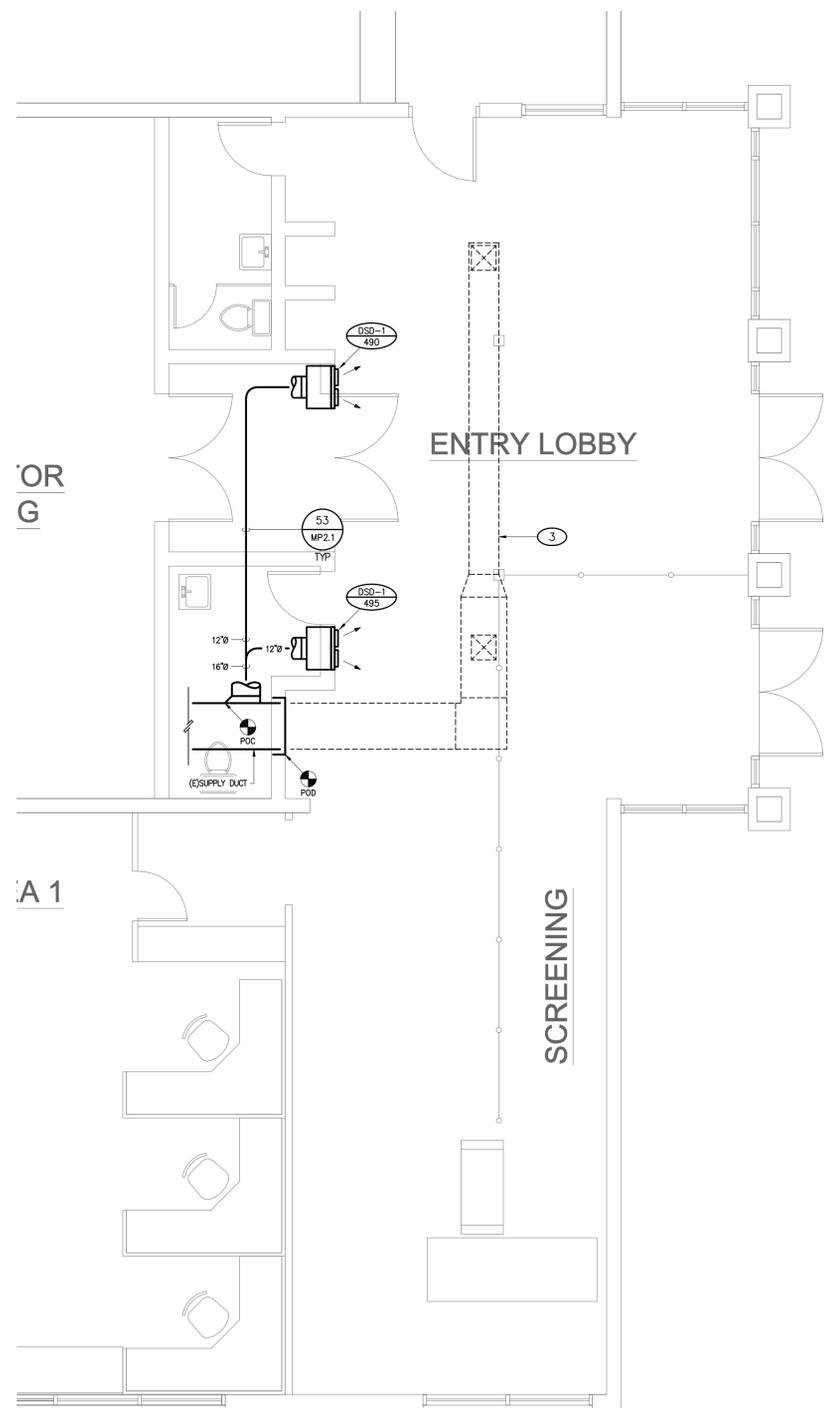
Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and existing conditions on the job and shall report any discrepancies to the architect for resolution prior to commencing work.

SHEET TITLE

PHASE I MECHANICAL ROOF & FLOOR PLANS

SHEET #

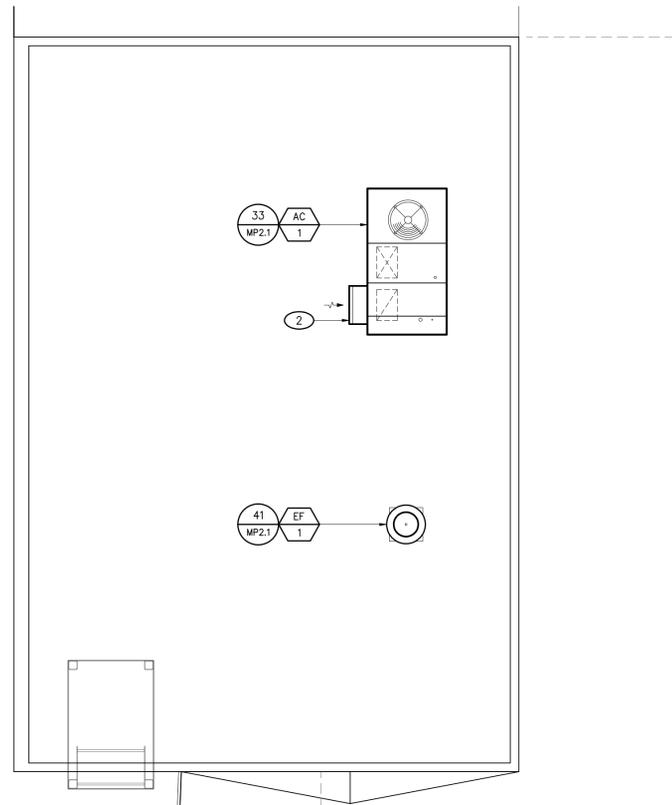
MP3.1



PARTIAL FLOOR PLAN

1/4" = 1'-0"

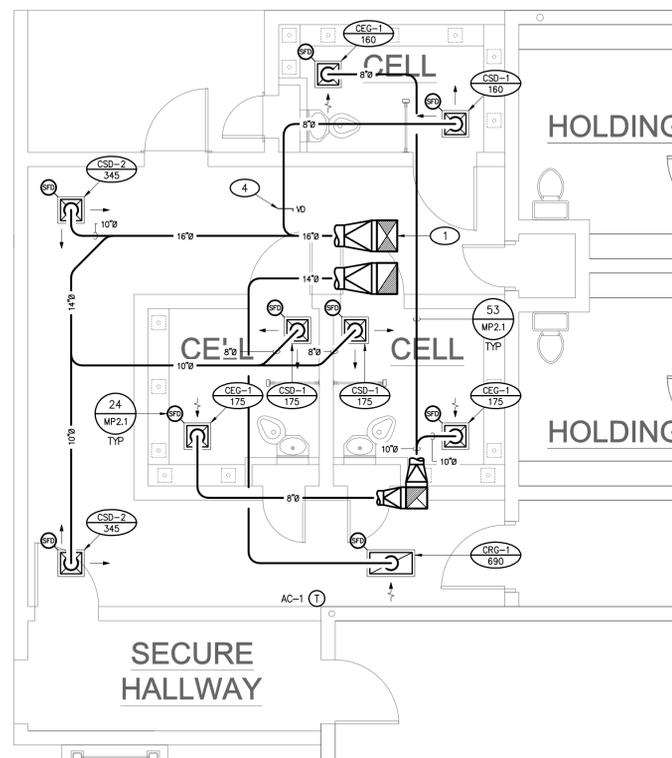
C



PARTIAL ROOF PLAN

1/4" = 1'-0"

B



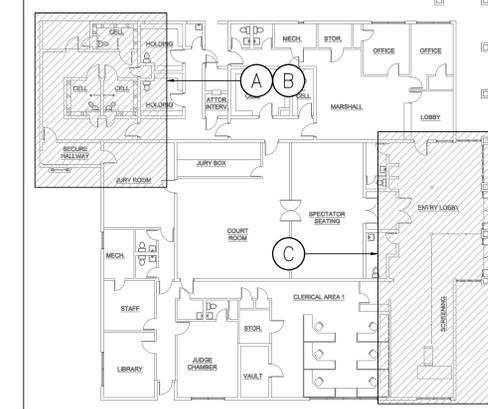
PARTIAL FLOOR PLAN

1/4" = 1'-0"

A

KEY PLAN - N.T.S.

WORK LOCATED IN HATCHED AREA



REFERENCE NOTES

- UNIT CONNECTION SIZE PLENUM DROP. PROVIDE TURNING VANE WITH SQUARE TO ROUND ADAPTOR
- 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
- EXISTING DUCTWORK & CEILING DIFFUSERS TO BE REMOVED. CAP EXISTING DUCT AT POINT OF DISCONNECT SHOWN. PATCH AND REFINISH CEILING AT REMOVED DIFFUSERS PER ARCHITECTURAL
- VOLUME DAMPER. TYPICAL ALL BRANCH DUCTS, SUPPLY RETURN & EXHAUST

PROJECT

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

**MANTECA BRANCH
SITE AND BUILDING
IMPROVEMENTS**

PHASE 1

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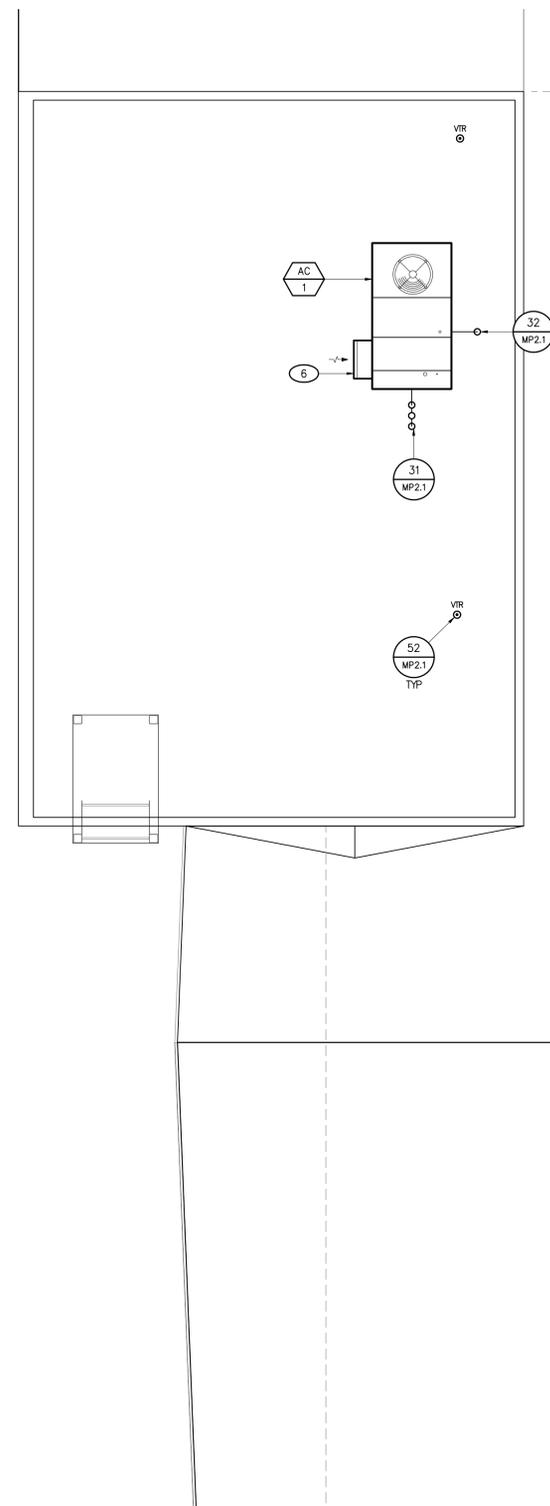
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SHEET TITLE

**PHASE I
PLUMBING
ROOF & FLOOR
PLANS**

SHEET #

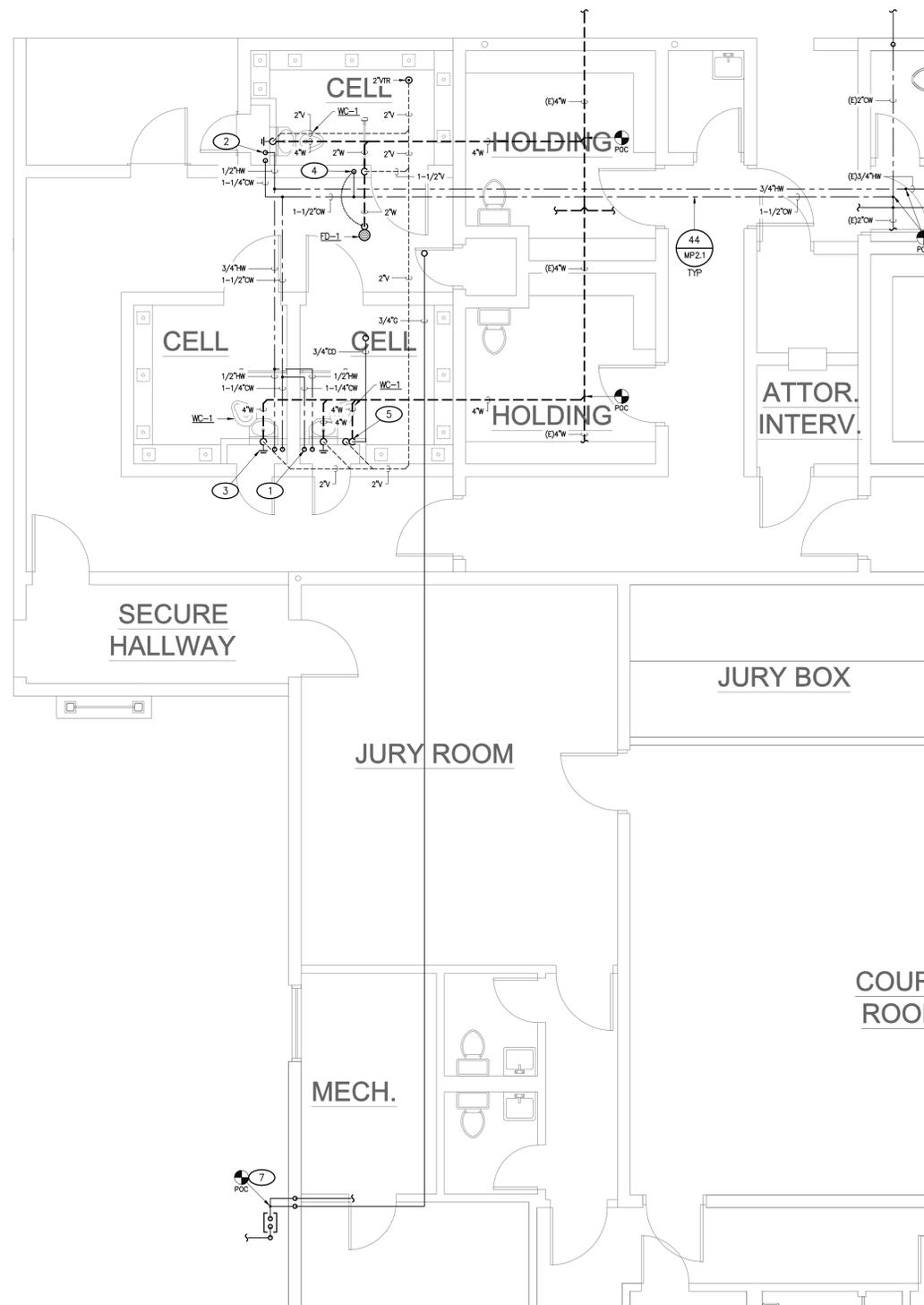
MP4.1



PLUMBING - PARTIAL ROOF PLAN

1/4" = 1'-0"

B



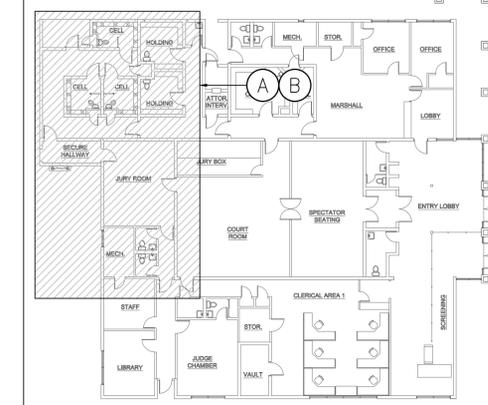
PLUMBING - PARTIAL FLOOR PLAN

1/4" = 1'-0"

A

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 LEVEL 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"
COLD WATER (MAX. 8 FPS)	7	15	29	56	97	245
HOT WATER (MAX. 5 FPS)	3	8	18	28	45	115

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 S1 & 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

GENERAL NOTES

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).
2. 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 NEGLIGENCE SAFETY PRACTICES, WHICH MAY CAUSE INJURY TO OTHERS ON OR NEAR THE JOB SITE.
3. 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.
4. 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 SPLICE 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.

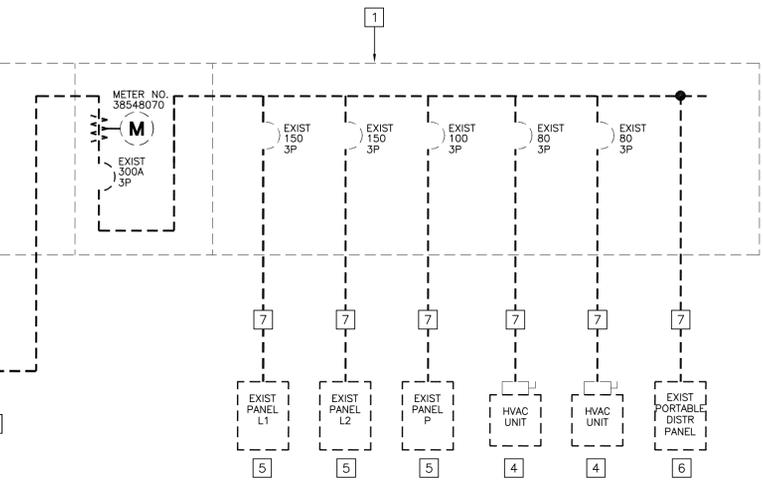
THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

- 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. PULLROPES: 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.

LEGEND

NOTE: INTERPRET IN CONTEXT

<p>LIGHT FIXTURES</p> <ul style="list-style-type: none"> ○ CEILING SURFACEMOUNT ◌ WALL SURFACEMOUNT ⊕ PENDANT MOUNT ⊖ RECESSED DOWNLIGHT ⊖ RECESSED WALLWASH ⊖ RECESSED FLUOR. ⊖ SURFACE FLUOR. ⊖ FLUOR. 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 <p>POWER/COMM.</p> <ul style="list-style-type: none"> ⊕ 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 <p>MISCELLANEOUS</p> <ul style="list-style-type: none"> ○ MOTOR ○ THERMOSTAT ○ CIRCUIT BREAKER ○ FUSIBLE SWITCH ○ PHASE ⊖ GROUND 	<p>CONDUIT/WIRE</p> <ul style="list-style-type: none"> — 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 <p>SWITCHES</p> <ul style="list-style-type: none"> ⊖ SPST ⊖ DPST ⊖ 3-WAY ⊖ 4-WAY ⊖ DIMMER ⊖ TIMER SWITCH ⊖ W/THERMAL OVERLOAD ⊖ W/PILOT LIGHT ⊖ KEY OPERATED ⊖ DUAL LEVEL SWITCHING ⊖ SWITCHLEG DESIGNATION ⊖ OCCUPANCY SENSOR ⊖ OCCUPANCY SENSOR WITH PHOTOSENSOR <p>FIRE ALARM</p> <ul style="list-style-type: none"> ⊖ 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 	<p>ABBREVIATIONS</p> <ul style="list-style-type: none"> A AMPERE AF AMP FUSE RATING AFB ABOVE FINISH FLOOR AFG ABOVE FINISH GRADE AIC 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 MTTB 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 UON UNLESS OTHERWISE NOTED V VOLT VA VOLT AMPERES W WAIT, WIRE WP WEATHERPROOF (NEMA 3R)
---	--	--



SINGLE LINE DIAGRAM

REFERENCE NOTES

1. EXISTING 400AMP SERVICE TO REMAIN.
2. EXISTING PG&E SECONDARY CONDUIT TO REMAIN.
3. EXISTING CONCRETE PAD / PG&E TRANSFORMER #T-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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EXPIRES: 06/30/11
THOMA #11-8014

PROJECT MANAGER RP

DRAWN BY LB

DATES 02/22/11 50% REVIEW

SIGNED

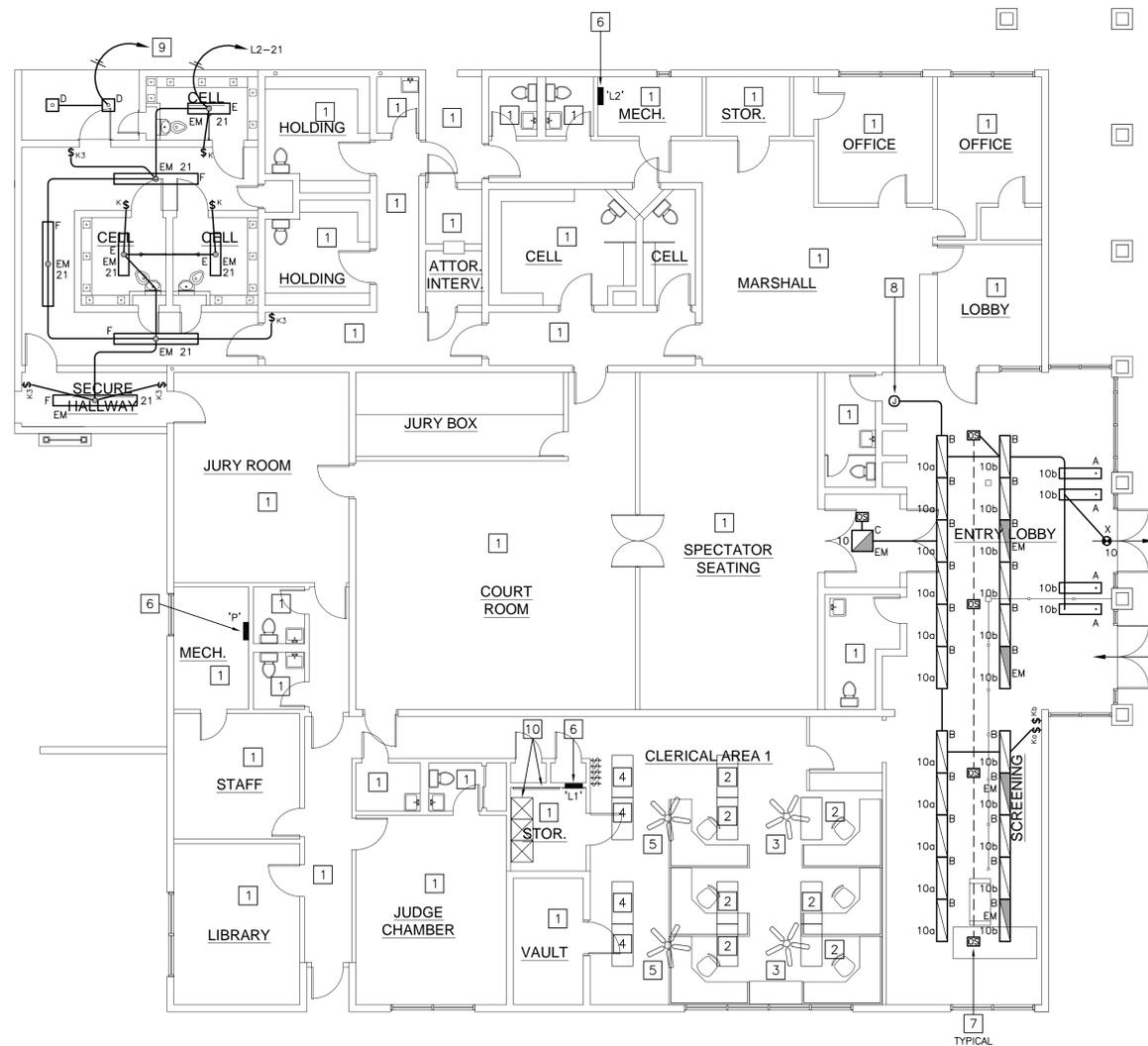
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SHEET TITLE
GENERAL NOTES, LEGEND AND ABBREVIATIONS

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SHEET #
E1.0



REFERENCE NOTES

1. EXISTING LIGHTING FIXTURES AND CONTROL IN THIS ROOM / AREA TO REMAIN.
2. EXISTING LIGHTING FIXTURE RELOCATED TO THIS POSITION, SEE DEMO PLAN.
3. EXISTING PADDLE FAN RELOCATED TO THIS POSITION, SEE DEMO PLAN.
4. EXISTING LIGHTING FIXTURE TO REMAIN.
5. EXISTING PADDLE FAN TO REMAIN.
6. EXISTING ELECTRICAL PANEL TO REMAIN.
7. DUAL TECH OCCUPANCY SENSOR, SEE WIRING DIAGRAM ON SHEET E3.0.
8. EXTEND EXISTING LIGHTING BRANCH CIRCUIT 'L2-10' AND CONNECT TO NEW LIGHTING AS SHOWN.
9. CONNECT TO EXISTING EXTERIOR LIGHTING BRANCH CIRCUIT 'L2-3' AND CONTROLS.
10. 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.

ELECTRICAL LIGHTING FLOOR PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

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

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SHEET TITLE
**ELECTRICAL
 LIGHTING FLOOR
 PLAN**

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SHEET #
E2.1

PROJECT

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

**MANTECA BRANCH
SITE AND BUILDING
IMPROVEMENTS**

PHASE 1

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SHEET TITLE
**ELECTRICAL
POWER FLOOR
PLAN**

**PROGRESS PRINT
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CONSTRUCTION**

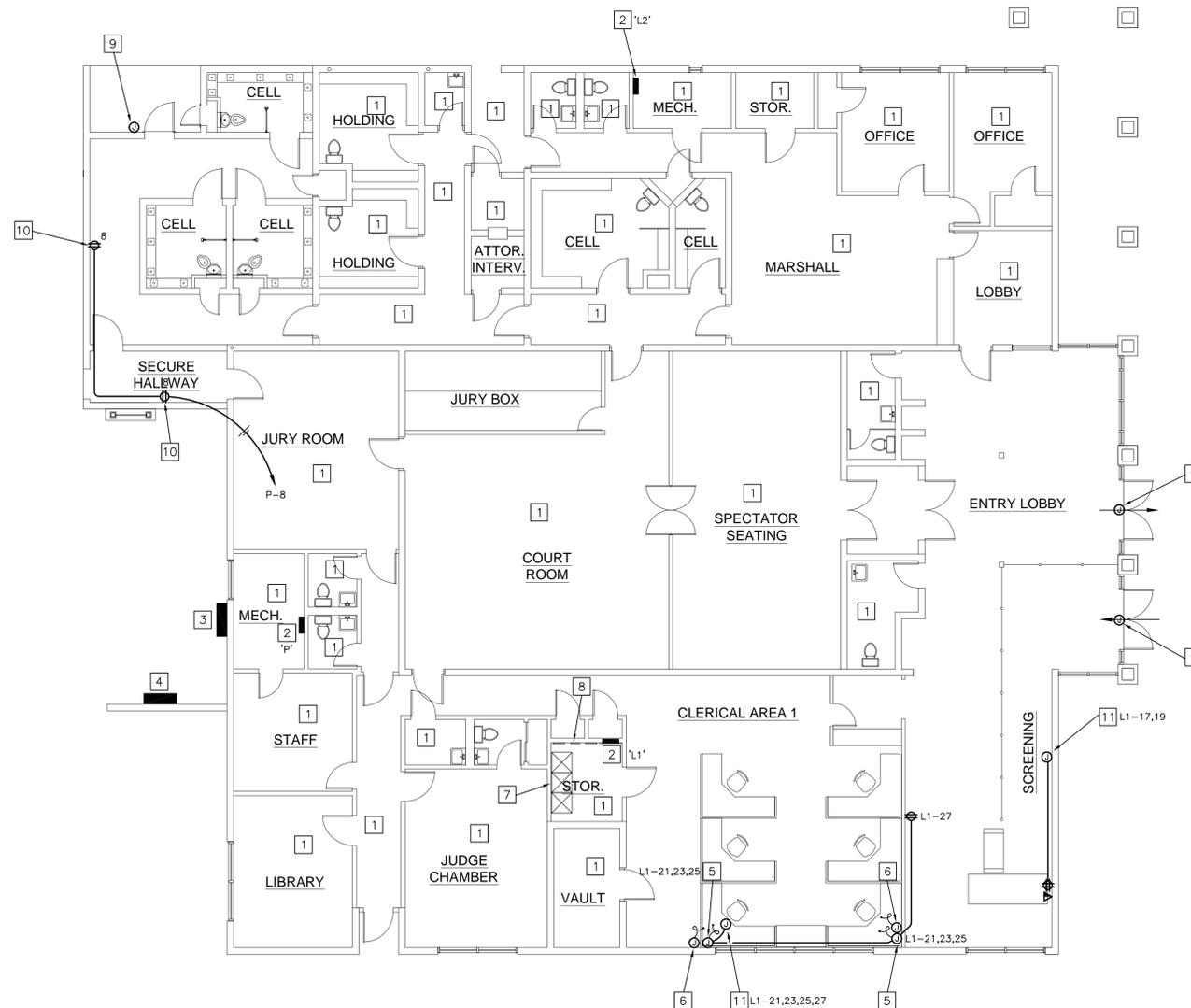
SHEET #
E2.2

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

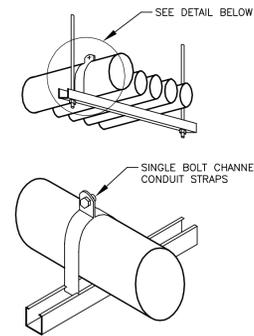
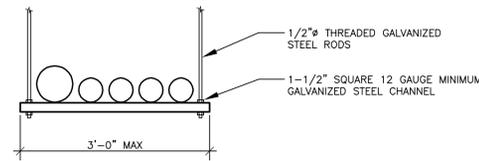
- FUSING: ALL FUSIBLE SAFETY DISCONNECT SWITCHES SHALL BE PROVIDED WITH DUAL-ELEMENT TIME DELAY TYPE FUSES SIZED AND RATED PER EQUIPMENT MANUFACTURERS' RECOMMENDATIONS. VERIFY WITH EQUIPMENT NAMEPLATE BEFORE INSTALLATION.
- MOTOR OVERLOAD PROTECTION: WHERE REQUIRED BY NEC ARTICLE 430 PART C AND NOT SHOWN 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"

NORTH

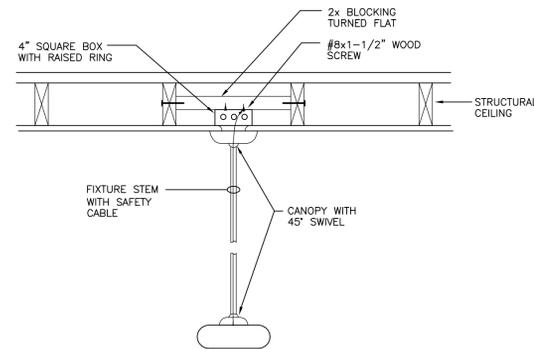


NOTES:

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.

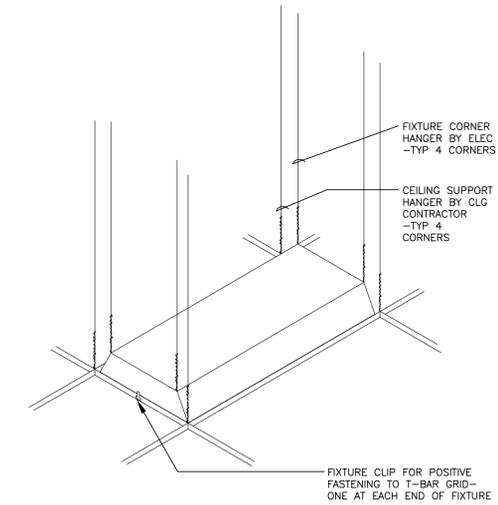
5 TYPICAL CONDUIT SUPPORT SYSTEM DETAIL

5 NTS



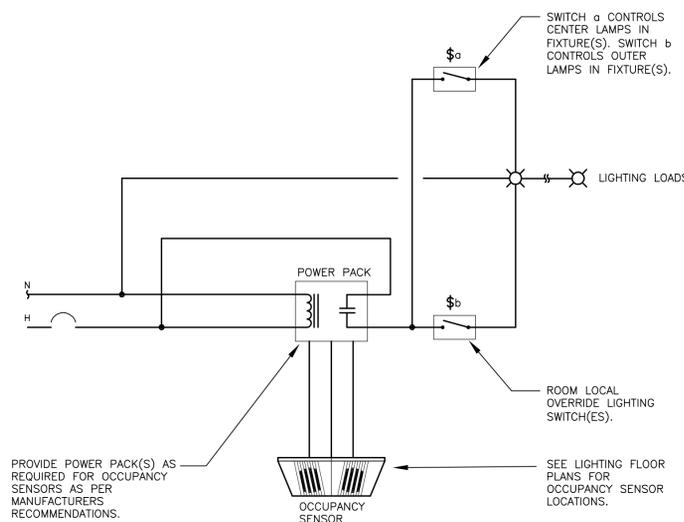
3 PENDANT FIXTURE SEISMIC BRACING DETAIL

3 NTS



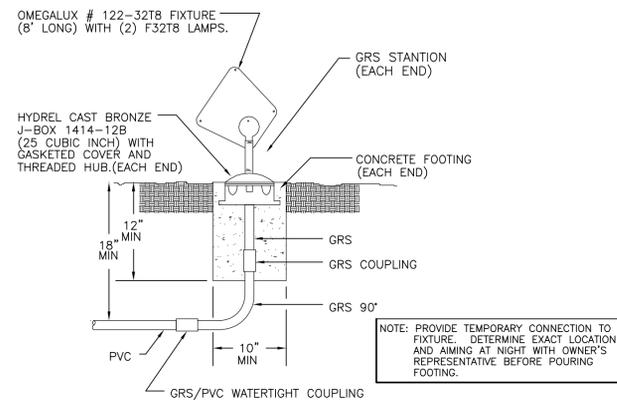
1 TROFFER SUPPORT

1 NTS



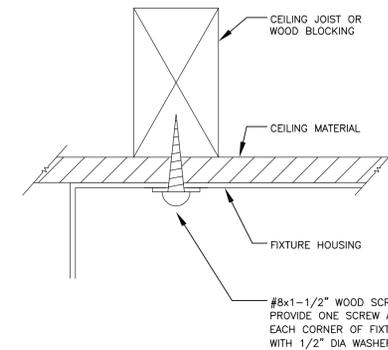
6 OCCUPANCY SENSOR WIRING DIAGRAM

6 NTS



4 SIGN FLOOD FIXTURE MOUNTING DETAIL

4 NTS



2 SURFACE FIXTURE MOUNTING DETAIL

2 NTS

PROJECT

SUPERIOR COURT OF CALIFORNIA COUNTY OF SAN JOAQUIN

MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

PHASE 1

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SHEET TITLE
ELECTRICAL DETAILS

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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 AC SERIES	120	58	(2)28W T5	PENDANT	1'x4' DIRECT/INDIRECT SUSPENDED FLUORESCENT
B		PHILLIPS	LIGHTOLIER HP90	120	58	(2)28W T5	RECESSED GRID	1'x4' DIRECT/INDIRECT RECESSED FLUORESCENT
C		PHILLIPS	LIGHTOLIER AFTER DOME	120	38	(2)14W T5	RECESSED GRID	2'x2' DIRECT/INDIRECT RECESSED FLUORESCENT
D		KENALL	MILLENNIUM SQUARE MS11FL-DB	120	50	(1)42W CFL	SURFACE	SQUARE CEILING MOUNTED ABUSE RESISTANT FLUORESCENT
E		KENALL	MIGHTY MAC SDSATS	120	58	(2)28W T5	SURFACE	4' CEILING MOUNTED CORRECTONAL FLUORESCENT
EM		BODINE	B50 SERIES	120	-	-	IN FIXTURE WIREWAY	FLUORESCENT EMERGENCY BATTERY PACK. PROVIDE FOR 90 MINUTE OPERATION UPON LOSS OF NORMAL POWER
F		KENALL	MILLENNIUM STRETCH SDSATS	120	120	(4)28W T5	SURFACE	8' CEILING MOUNTED ABUSE RESISTANT FLUORESCENT
G		BEGA	2095LED	120	10	2W LED	RECESSED	RECESSED EXTERIOR WALL FIXTURE
H		PHILLIPS	ALLSCAPE FL-18	120	40	(1)F32 T8 FLUOR.	STANCHION	GROUND MOUNTED SIGN-LIGHTER FIXTURE
X		KENALL	MILLENNIUM METREX METSU	120	5	(1) 5W LED	SURFACE	CEILING OR HIGH WALL MOUNTED CORRECTONAL EXIT LIGHT WITH EMERGENCY BATTERY PACK

SEE NOTE	200A, 120/208V, 3Ø, 4W				(E) PANEL				SURFACE MOUNT, NEMA 1				SEE NOTE		
	24 EXIST. CB SPACES EXIST. WESCO NQB TYPE				P				LOCATION: MECHANICAL ROOM WITH EQUIP'T GND BUS						
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	6
7	SPACE													SECURE HALLWAY RECEPTACLES	8
9	EXISTING BRANCH CIRCUITS	20	1	(E)			360	(E)	20					EXISTING BRANCH CIRCUIT	10
11	SPACE							(E)	20					SPACE	12
13	SPACE							(E)	20					SPACE	14
15	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	16
17	SPACE							(E)	20					SPACE	18
19	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	20
21	SPACE							(E)	20					SPACE	22
23	SPACE							(E)	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				(E) PANEL				SURFACE MOUNT, NEMA 1				SEE NOTE		
	42 EXIST. CB SPACES EXIST. WESCO NQB TYPE				L2				LOCATION: MECHANICAL ROOM WITH EQUIP'T GND BUS						
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	6
7	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	8
9	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	10
11	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	12
13	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	14
15	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	16
17	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	18
19	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	20
21	CELL / SECURE HALLWAY LIGHTING	20	1	12			654	(E)	40					EXISTING BRANCH CIRCUIT	22
23	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	24
25	SPACE							(E)	20					EXISTING BRANCH CIRCUIT	26
27	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	28
29	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	30
31	EXISTING BRANCH CIRCUITS	20	1	(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				(E) PANEL				FLUSH MOUNT, NEMA 1				SEE NOTE		
	42 EXIST. CB SPACES EXIST. WESCO NQB TYPE				L1				LOCATION: STORAGE ROOM WITH EQUIP'T GND BUS						
CKT #	DESCRIPTION	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	AMP CB #	WIRE SIZE	PHASE	PHASE	PHASE	WIRE SIZE	DESCRIPTION	CKT #
1	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	2
3	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	4
5	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					SPACE	6
7	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	8
9	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	10
11	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	12
13	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	14
15	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	16
17	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	18
19	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	20
21	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	22
23	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	24
25	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	26
27	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	28
29	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	30
31	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	32
33	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	34
35	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	36
37	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	38
39	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING HAND DRYER	40
41	EXISTING BRANCH CIRCUITS	20	1	(E)				(E)	20					EXISTING BRANCH CIRCUIT	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											

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MANTECA BRANCH SITE AND BUILDING IMPROVEMENTS

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ELECTRICAL SCHEDULES

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