

CLOVERDALE LIBRARY

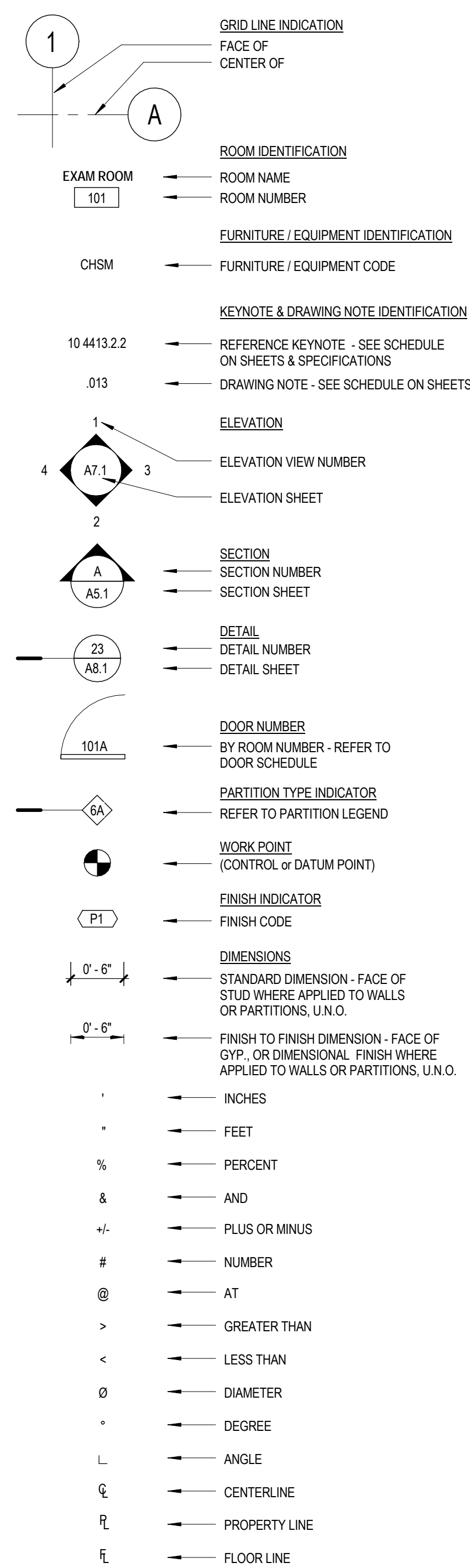
INTERIOR IMPROVEMENTS

401 N. CLOVERDALE BLVD. CLOVERDALE, CA 95425

ABBREVIATIONS

CCI	CONTRACTOR FURNISH	FOC	FIRE DEPARTMENT CONNECTION	PLWD	PLYWOOD
CFI	CONTRACTOR INSTALL	FDN	FOUNDATION	PRF	PRESTRESSED METAL FRAME
CFI	CONTRACTOR FURNISH OWNER INSTALL	FE	FIRE EXTINGUISHER	PR	PROPERTY
CFI	OWNER FURNISH CONTRACTOR INSTALL	FEC	FIRE EXTINGUISHER CABINET	PRCP	PARQUET
CFI	OWNER FURNISH OWNER INSTALL	FF	FLOOR FINISH	PSF	POUNDS PER SQUARE FOOT
AC	AIR CONDITIONING	FG	FLOOR GRADE	PSI	POUNDS PER SQUARE INCH
AB	ANCHOR BOLT	FH	FIRE HYDRANT	PSL	PARALLEL STRAND LUMBER
AC	ASPHALT CONCRETE	FHM	FIRE HEAD MACHINE SCREW	PTA	PULL STATION
ACC	ACCESSIBLE	FHORN	FIRE HOSE NOZZLE	PT	POINT
ACDS	ACUSTIC	FHS	FIRE HOSE STATION	PTDF	PAPER TOWEL DISPENSER
ACT	ADJUSTABLE	FHS	FIRE HOSE STATION	PTDF	PRESSURE TREATED DOUGLAS FIR
AD	ASBESTOS	FR	FLOOR FINISH	PTN	PARTITION
ADA	AMERICANS WITH DISABILITIES ACT	FR	FLOOR FINISH	PTR	PAPER TOWEL RECEPTACLE
ADJ	ADJUSTABLE	FJ	FLOOR JOIST	PLR	POLYURETHANE
AFF	ABOVE FINISHED FLOOR	FLR	FLOOR FINISH	PVC	POLYVINYL CHLORIDE
AGD	AGGREGATE	FLSH	FLOOR FINISH	PVMT	PAVEMENT
AHJ	AUTHORITY HAVING JURISDICTION	FN	FACE OF FINISH	QT	QUARRY TILE
ALT	ALTERNATE	FOC	FACE OF CONCRETE	RAD	RADIUS
ALUM	ALUMINUM	FOF	FACE OF FINISH	RAM	ROOF ACCESS HATCH
APPROX	APPROXIMATE	FOM	FACE OF MASONRY	RB	RESILIENT BASE
ARCH	ARCHITECT	FOS	FACE OF STUD	RCP	REFLECTED CEILING PLAN
ASPH	ASPHALT	FTG	FOOTING	RD	ROOF DRAIN
		FUT	FUTURE	RDW	REDWOOD
				REF	REFERENCE
				REFR	REFRIGERATOR
				RENF	REINFORCING
				RES	RESILIENT
				RHS	RIGID
				RH	RIGHT HAND
				RHS	ROUND HEAD METAL SCREW
				RHS	ROUND HEAD WOOD SCREW
				RHS	ROUGH OPENING
				RH	ROCK WOOL
				RWL	RAIN WATER LEADER
				S	SOUTH
				SAB	SOUND ATTENUATING BATTS
				SAD	SEE ARCHITECTURAL DRAWINGS
				SAFF	SELF ADHERED FLEXIBLE FLASHING
				SASM	SELF ADHERED SHEET MEMBRANE
				SBLKG	SOLID BLOCKING
				SC	SOLID CORE
				SCD	SEE CIVIL DRAWINGS
				SD	STORM DRAIN
				SDSP	SOAP DISPENSER
				SEAL	SEALANT
				SECT	SECTION
				SED	SEE ELECTRICAL DRAWINGS
				SF	SQUARE FOOT FEET
				SHR	SHOWER
				SHT	SHEET
				SHTF	SHEET FLOW
				SHTG	SHEET METAL
				SH	SINGLE
				SL	SLIDING
				SLO	SEE LANDSCAPE DRAWINGS
				SLOPE	SLOPE
				SMS	SEE MECHANICAL DRAWINGS
				SMS	SHEET METAL SCREW
				SP	SLAB ON GRADE
				SP	SOUNDPROOF
				SPEC	SPECIFICATION
				SQ	SQUARE
				SS	SAWTOOTH SEWER
				SSD	SEE STRUCTURAL DRAWINGS
				SSTL	STAINLESS STEEL
				STA	STATION
				STD	STANDARD
				STL	STEEL
				STO	STORAGE
				STRUC	STRUCTURAL
				SUSP	SUSPENDED
				T&B	TOP AND BOTTOM
				T&G	TONGUE & GROOVE
				TEL	TELEPHONE
				TEMP	TEMPERED
				TER	TERRAZZO
				THK	THICK
				TJ	TOOL JOINT
				T&B	TACKBOARD
				TN	TIE NAIL
				TOP	TOP OF CURB
				TOP	TOP OF FINISH
				TOP	TOP OF PLATE
				TOP	TOP OF SLAB ON GRADE
				TOP	TOP OF WALL
				TPO	TOILET PAPER DISPENSER
				TPO	THERMOPLASTIC POLYOLEFIN
				TRNS	TRANSOM
				TS	TUBE STEEL
				TV	TELEVISION
				TYP	TYPICAL
				UNF	UNFINISHED
				UNLESS	UNLESS OTHERWISE NOTED
				URNAL	URNAL
				VCT	VINYL COMPOSITION TILE
				VERT	VERTICAL
				VEST	VESTIBLE
				VG	VERTICAL GRAN
				VF	VERY IN FIELD
				VT	VINYL TILE
				VTR	VENT TO ROOF
				VWC	VINYL WALL COVERING
				W	WEST
				W	WITH
				WO	WITHOUT
				WRB	WATER RESISTIVE BARRIER
				WC	WATER CLOSET
				W	WOOD
				WV	WINDOW
				WF	WATER FOUNTAIN
				WH	WATER HEATER
				WR	WATER RESISTANT
				WRB	WATER RESISTIVE BARRIER
				WT	WEIGHT
				WFF	WELED WIRE FABRIC
				WFM	WATER FORMER
				YD	YARD

SYMBOLS



APPLICABLE CODES

- BUILDING CODES AND STANDARDS**
 2013 CALIFORNIA ADMINISTRATIVE CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 1)
 2013 CALIFORNIA BUILDING CODE, VOLUMES 1 & 2 (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2) (BASED ON 2012 INTERNATIONAL BUILDING CODE)
 2013 CALIFORNIA ELECTRICAL CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 3) (BASED ON 2011 NATIONAL ELECTRICAL CODE)
 2013 CALIFORNIA MECHANICAL CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 4) (BASED ON 2012 IAPMO UNIFORM MECHANICAL CODE)
 2013 CALIFORNIA PLUMBING CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5) (BASED ON 2012 IAPMO UNIFORM PLUMBING CODE)
 2013 CALIFORNIA ENERGY CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 6)
 2013 CALIFORNIA FIRE CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 9) (BASED ON 2012 INTERNATIONAL FIRE CODE)
 2013 CALIFORNIA REFERENCE STANDARDS CODE (CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 12)
 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE
NATIONAL REFERENCE STANDARDS
 AISC 341-10 MANUAL OF STEEL CONSTRUCTION
 AF&PA NDS-2012 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2012 SUPPLEMENT & ADDENDUM
 ACI-318-11 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
 NFPA 10, 2013 EDITION, STANDARD FOR PORTABLE FIRE EXTINGUISHERS
 NFPA 13, 2013 EDITION, INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (WITH AMMENDMENTS PER CBC CH 35)
 NFPA 14, 2013 EDITION, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS (WITH AMMENDMENTS PER CBC CH 35)
 NFPA 17, 2013 EDITION, DRY CHEMICAL EXTINGUISHING SYSTEMS
 NFPA 17-A, 2013 EDITION, WET CHEMICAL EXTINGUISHING SYSTEMS
 NFPA 24, 2013 EDITION, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (WITH AMMENDMENTS PER CBC CH 35)
 NFPA 72, 2013 EDITION, NATIONAL FIRE ALARM CODE (WITH AMMENDMENTS PER CBC CH 35)
 ADA (AMERICANS WITH DISABILITIES ACT, 1990) 2010 EDITION
 ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
 ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

SUMMARY OF WORK

INTERIOR IMPROVEMENTS WITH SITE ADA UPGRADES
 OCCUPANCY: A3, B, S-1
 CONSTRUCTION: Type V - NR
 SPRINKLERS: NO
 APPROX. 7,330 SQ. FT.

PROJECT TEAM

- ARCHITECTURE**
 TLCD ARCHITECTURE
 520 THIRD STREET SUITE #250
 SANTA ROSA, CA 95401
 CONTACT: JEFF BLECHEL
- STRUCTURAL ENGINEER**
 SUMMIT ENGINEERS
 463 AVIATION BLVD., SUITE 200
 SANTA ROSA, CA 95403
 PHONE: 707.527.0775
 CONTACT: YI YANG
- ELECTRICAL ENGINEER**
 GHD
 2235 MERCURY WAY, SUITE 150
 SANTA ROSA, CA 95407
 PHONE: 707.523.1010
 CONTACT: MATT WARGULA
- CIVIL ENGINEER**
 COUNTY OF SONOMA
 2300 COUNTY CENTER DR.
 SUITE A-220
 SANTA ROSA, CA 95403
 CONTACT: MARK ABEL

SHEET INDEX

- GENERAL**
 G-001 TITLE SHEET
- CIVIL**
 C-101 CIVIL IMPROVEMENT PLAN
- ARCHITECTURAL**
 A-121 FLOOR PLAN
 A-150 FLOOR FINISH PLAN
 A-151 FINISH SCHEDULES
 A-530 LIBRARY FURNISHINGS PLAN
- STRUCTURAL**
 S-1 BOOKSHELF ELEVATION AND ANCHORAGE DETAILS
- ELECTRICAL**
 E-001 SYMBOLS AND ABBREVIATIONS, LIST OF DRAWINGS
 E-302 POWER PLAN

VICINITY MAP



CONSTRUCTION DOCUMENTS

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COUNTY OF SONOMA

PROJECT NUMBER:
 16005.00
 DATE:
 9/12/2016
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 CHECKED BY:
 JB

REVISIONS

NO.	DESCRIPTION	DATE
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TITLE SHEET

G-001



GHD Inc.
 2235 Mercury Way, Suite 150
 Santa Rosa, California 95407 USA
 T 1 707 523 1010 F 1 707 527 8679
 W www.ghd.com

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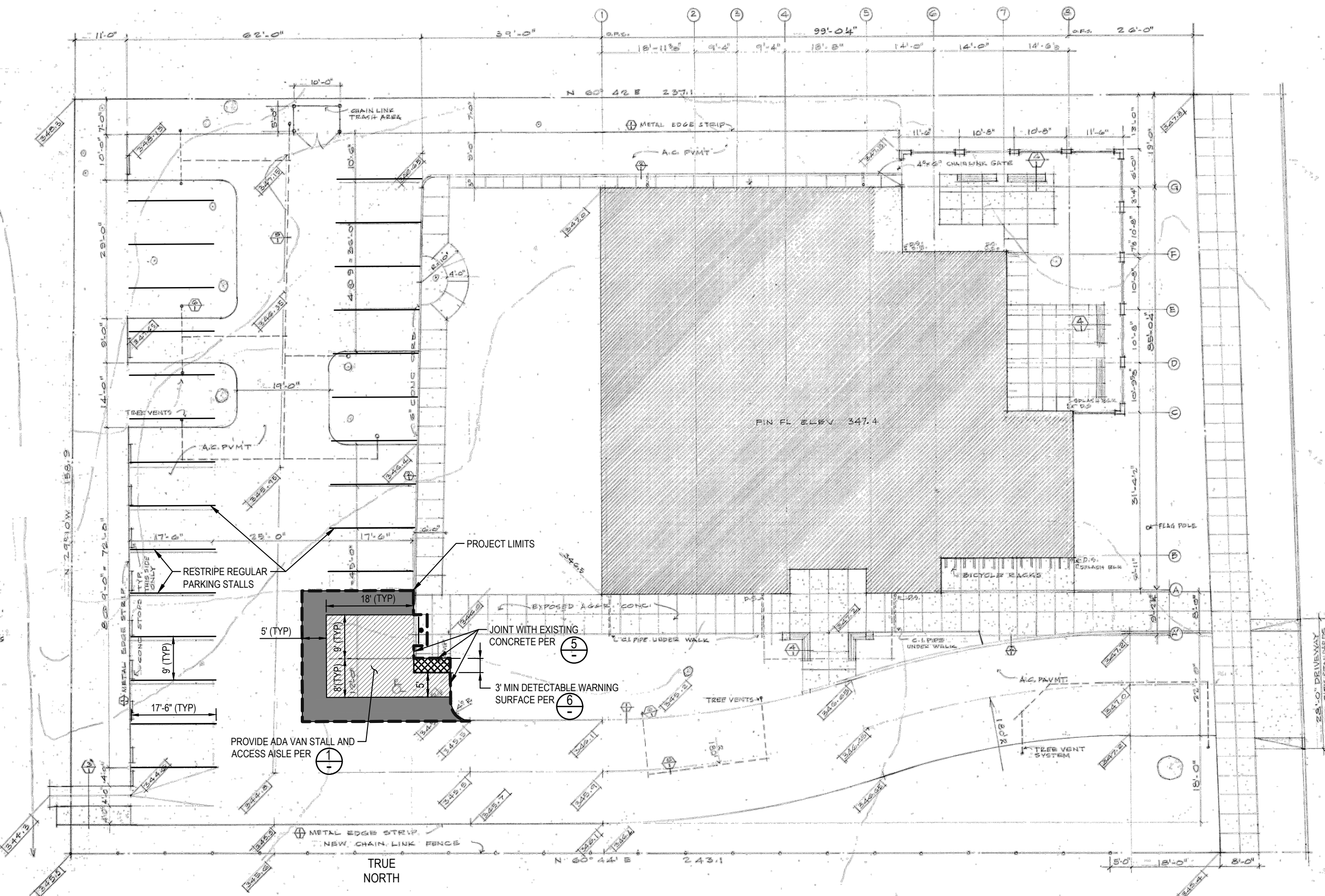
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CIVIL IMPROVEMENT PLAN

C-101

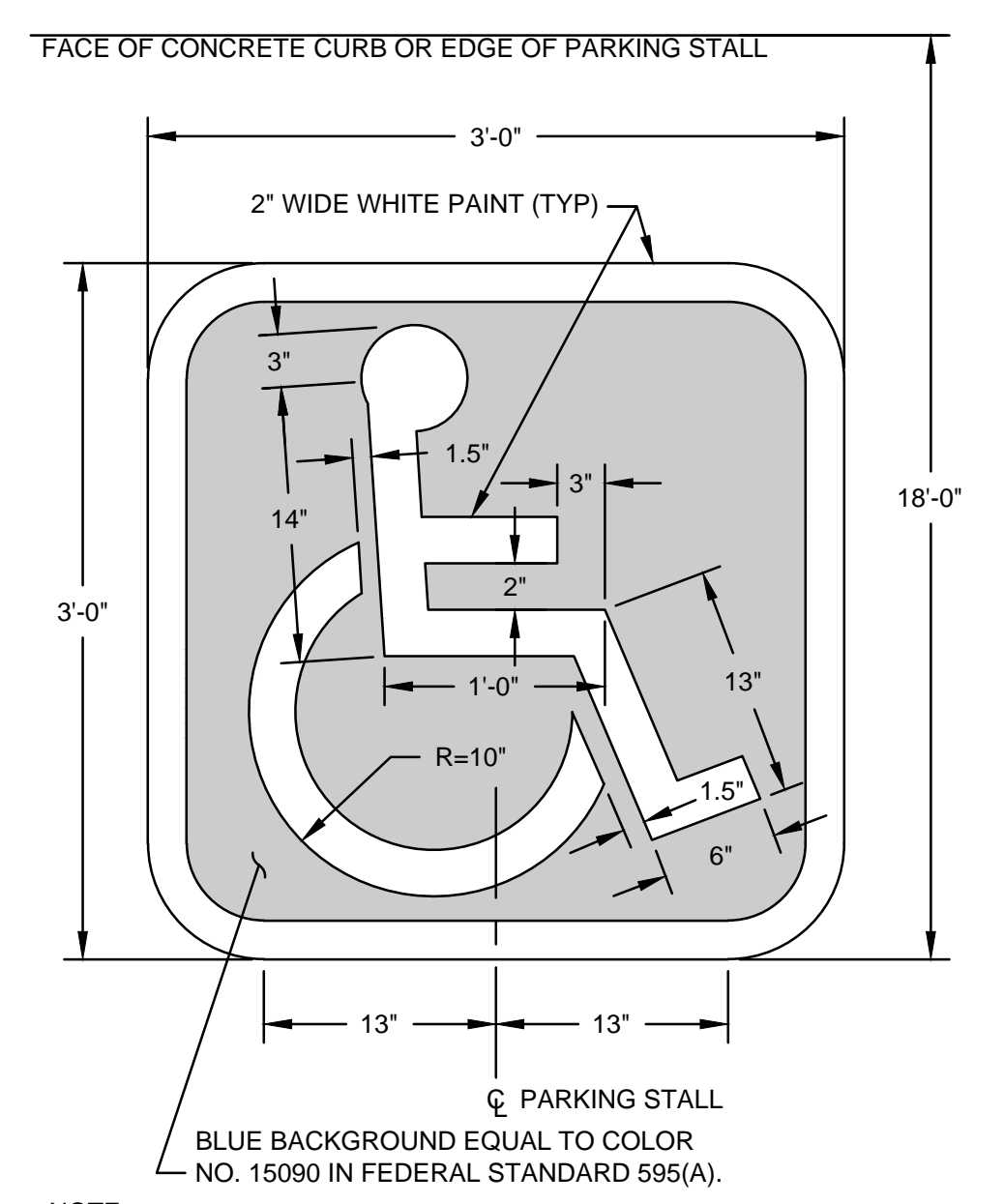


LEGEND

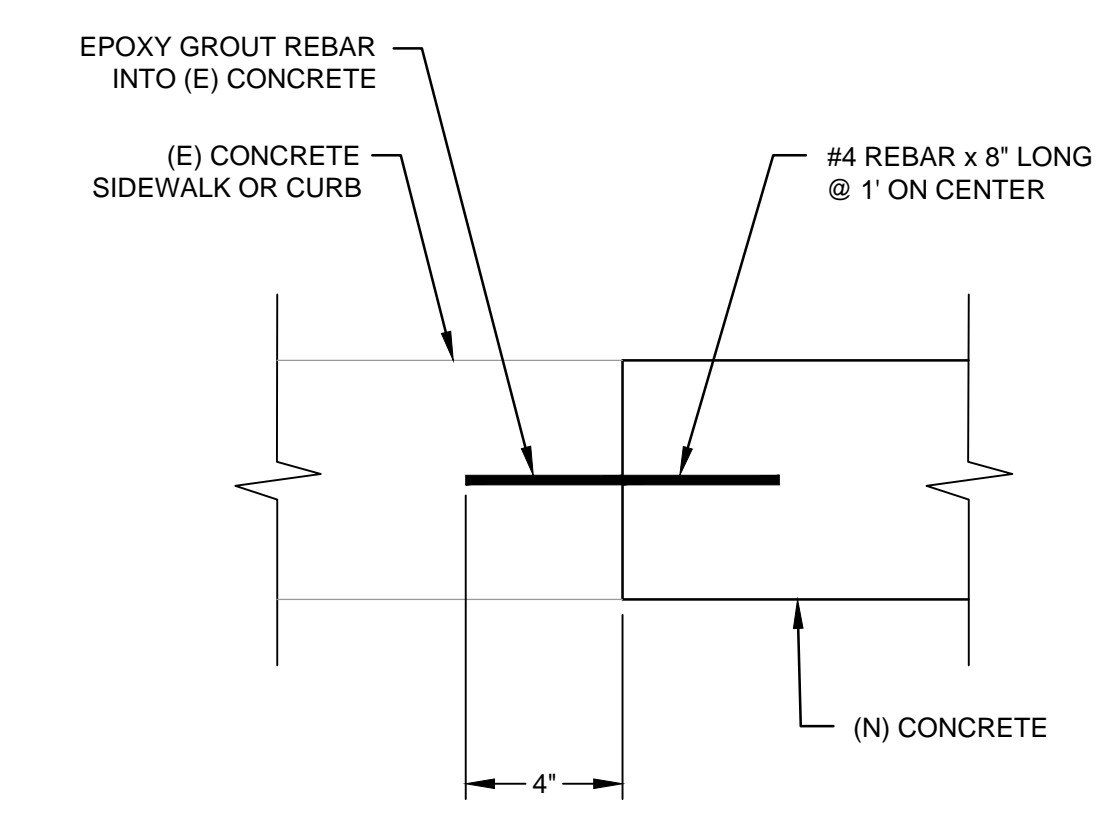
- DEMOLISH EXISTING HOT MIX ASPHALT PAVEMENT SECTION AND INSTALL 4000 PSI PORTLAND CEMENT CONCRETE (PCC) PAVEMENT SECTION. SECTION SHALL BE 6" PCC OVER 6" CLASS 2 AGGREGATE BASE MIN. INSTALL REINFORCING STEEL # 4 AT 12" ON CENTER EACH WAY.
- DEMOLISH EXISTING HOT MIX ASPHALT PAVEMENT AND REPLACE WITH 4" HOT MIX ASPHALT PAVEMENT OR MATCH EXISTING THICKNESS (WHICHEVER IS GREATER) TO CONFORM.
- DEMOLISH EXISTING CONCRETE SIDEWALK AND INSTALL 4" PCC OVER 4" CLASS 2 AGGREGATE BASE. INSTALL 3" WIDE DETECTABLE WARNING SURFACE THE FULL WIDTH OF RAMP.
- 4" WIDE PAVEMENT STRIPE (2-COAT PAINT) (BLUE WHERE INDICATED)
- PROJECT WORK LIMITS
- DEMOLISH EXISTING PCC FOR SIGN FOUNDATION AND INSTALL ACCESSIBLE PARKING SIGN PER DETAIL 2

GENERAL NOTES

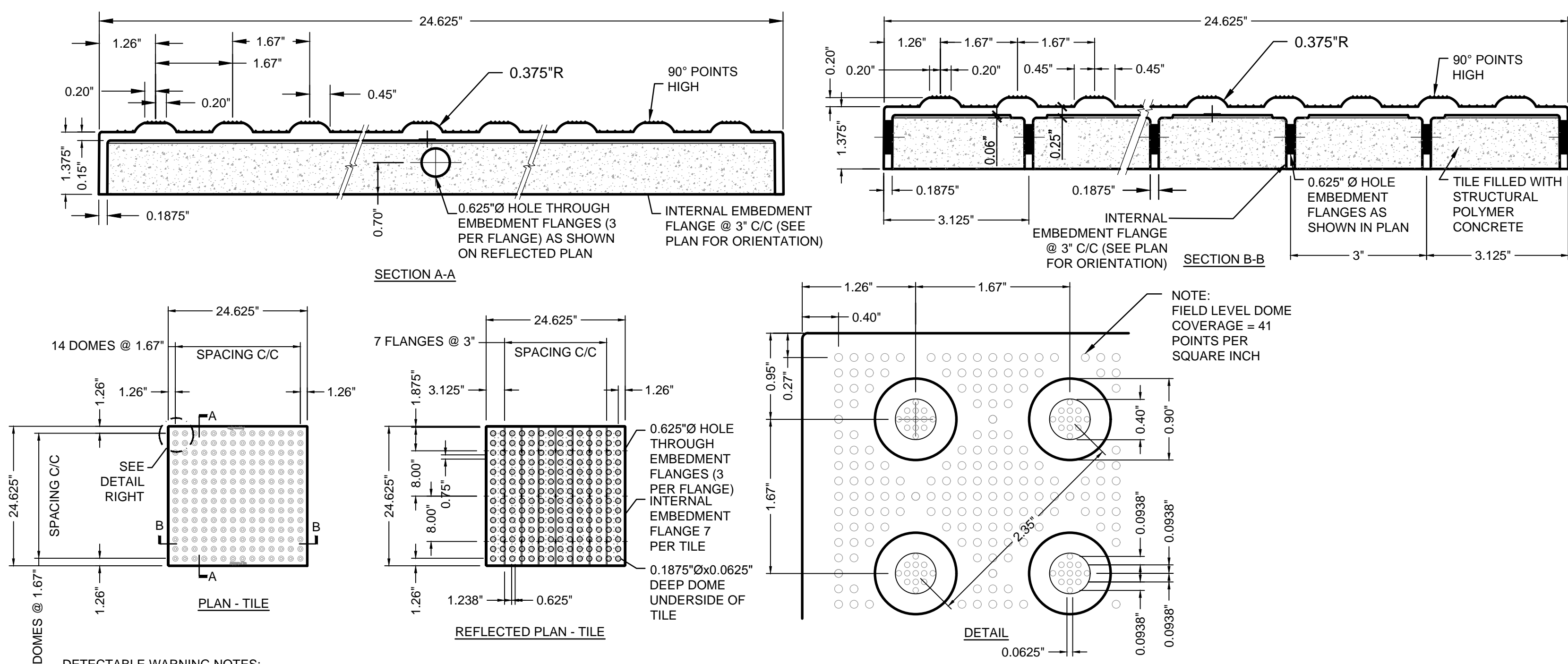
1. ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
2. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR WORKING CONDITIONS ON THE JOB SITE DURING THE COURSE OF CONSTRUCTION, INCLUDING ALL THE SAFETY OF ALL PERSONS AND PROPERTY, AND INCLUDING OUTSIDE OF NORMAL WORKING HOURS; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO HOLD HARMLESS AND INDEMNIFY AND DEFEND THE CITY, AND EACH OF THEIR OFFICERS, EMPLOYEES AND AGENTS.
3. CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE UTILITY OWNER RESPONSIBLE FOR THAT PARTICULAR UTILITY. NOTE THAT SOME UTILITIES MAY NOT BE FIELD MARKED OR SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER AT LEAST 48 HOURS BEFORE STARTING WORK.
4. UNDERGROUND SERVICE ALERT: CALL TOLL FREE (800) 227-2600 OR 811 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
5. CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROTECT AND MAINTAIN ALL EXISTING UTILITIES. ANY DAMAGES TO UTILITIES CAUSED BY PROJECT OPERATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
6. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD). ALL SIGNS SHALL BE APPROPRIATELY CONSTRUCTED WITH REFLECTIVE MATERIAL ON A BACKING OF METAL OR FABRIC (NO WOOD OR PLASTIC ALLOWED) AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROVIDE PROPER VISIBILITY.
7. ALL EXCESS MATERIAL FROM THE PROJECT IS TO BE REMOVED FROM THE SITE AND DISPOSED AT A SITE ACCEPTED BY THE CITY. COST FOR THE REMOVAL AND DISPOSAL OF EXCESS MATERIAL SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
8. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING UTILITY FRAMES AND COVERS TO FINISH GRADE ELEVATIONS.
9. ALL WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, 2013 CALIFORNIA BUILDING CODE (CBC) AND THE 2010 ADA STANDARDS (TITLE 11) FOR WORK IN PUBLIC RIGHT OF WAY, INCLUDING, BUT NOT LIMITED TO: TRANSVERSE SLOPES (1.5% MAX), LONGITUDINAL SLOPES (4.5% MAX), CHANGES IN LEVEL AND FINISH.
10. NO TOPOGRAPHIC SURVEY WAS COMPLETED FOR THIS PROJECT. ANTICIPATED LIMITS ARE SHOWN BASED ON FIELD OBSERVATION. THESE LIMITS MAY NEED TO BE ADJUSTED BY THE CONTRACTOR SO THAT ALL NEW WORK WITHIN THE PROJECT LIMITS COMPLIES WITH 2013 CBC REQUIREMENTS FOR ACCESSIBLE PARKING.



NOTE: MARKING SHALL BE LOCATED WITHIN 6" OF PARKING SPACE CENTERLINE.
4 ACCESSIBLE PARKING SYMBOL
 SCALE: N.T.S.



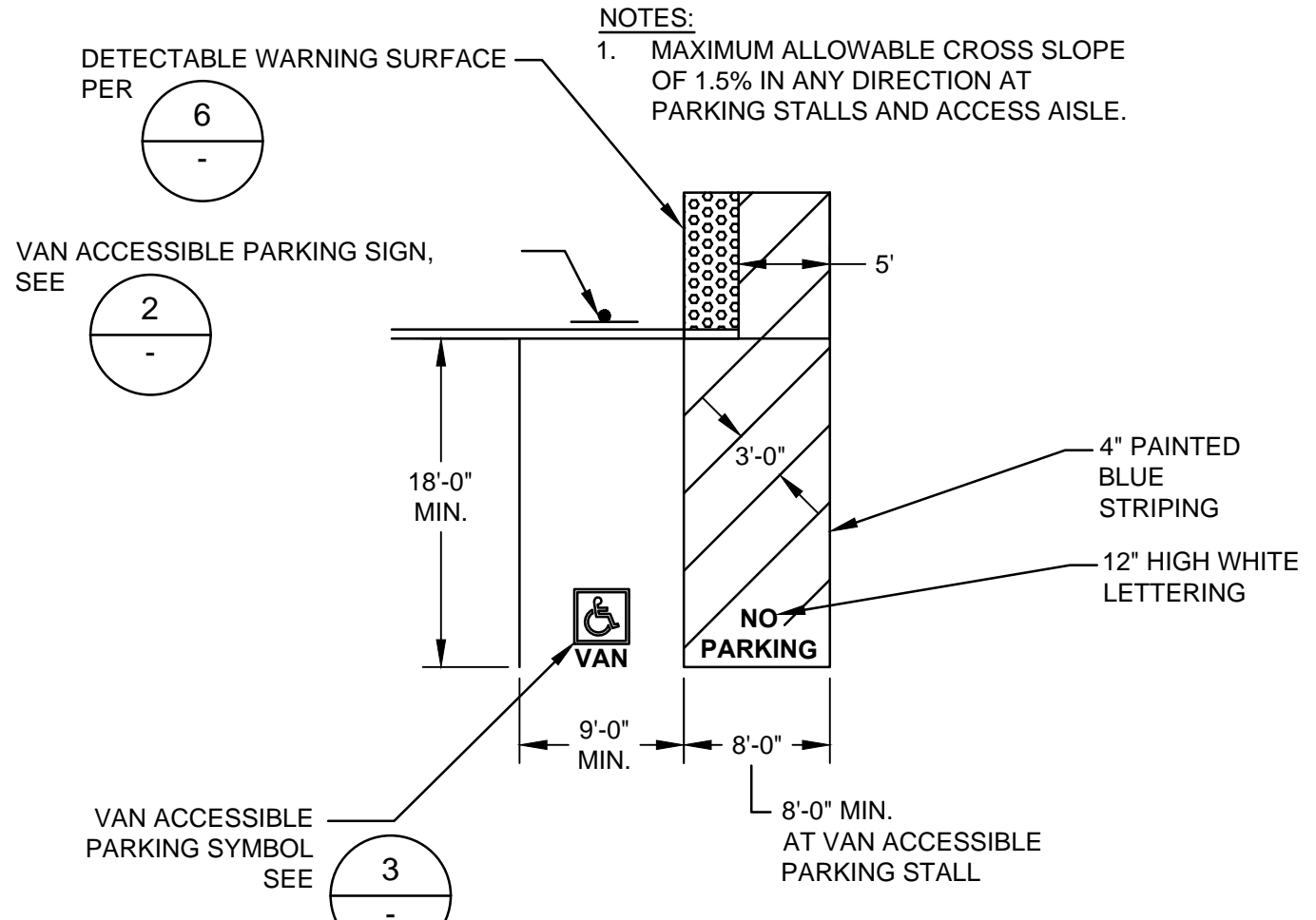
5 JOINT WITH (E) CONCRETE
 SCALE: N.T.S.



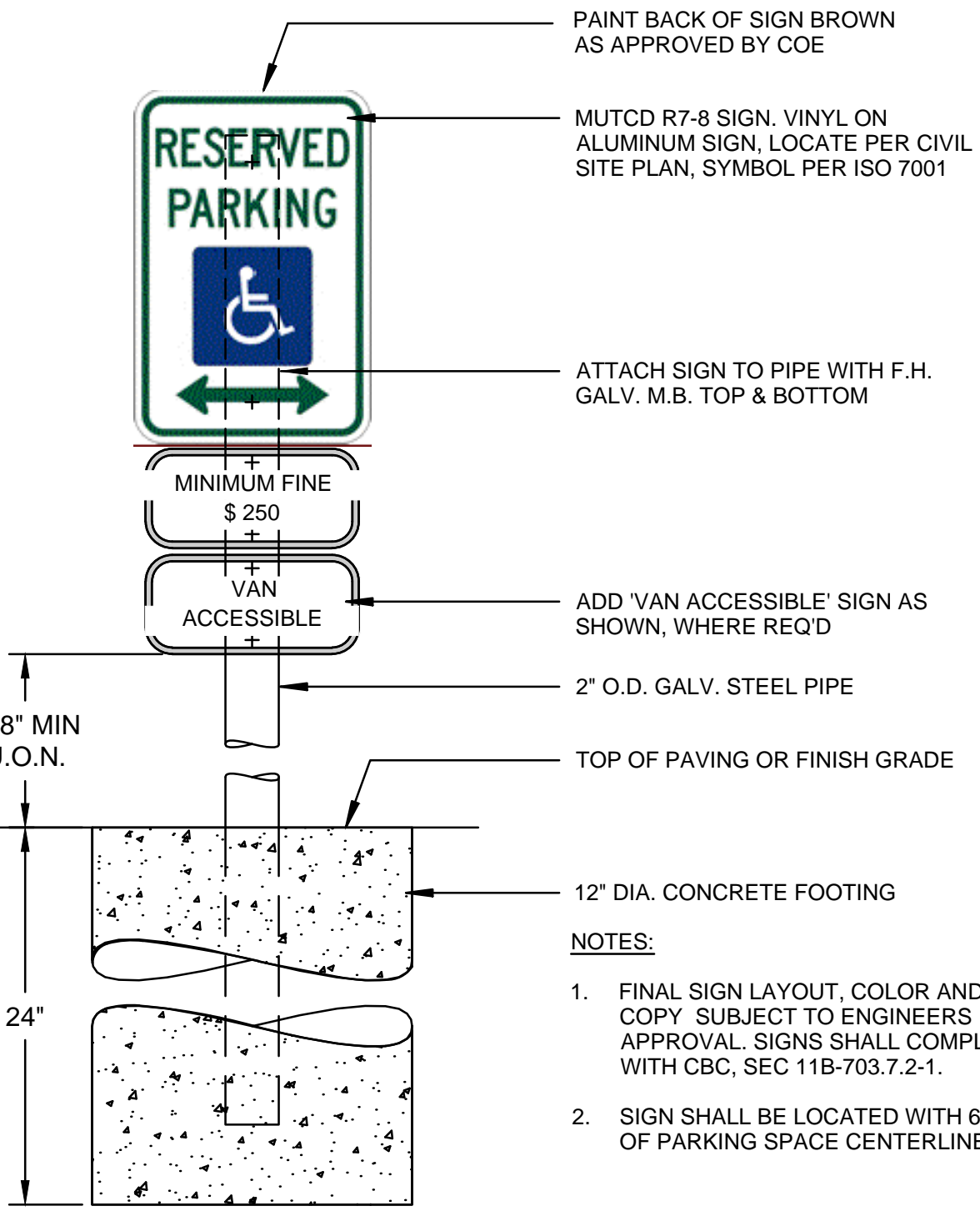
6 DETECTABLE WARNING SURFACE
 SCALE: N.T.S.

7 DETECTABLE WARNING NOTES:

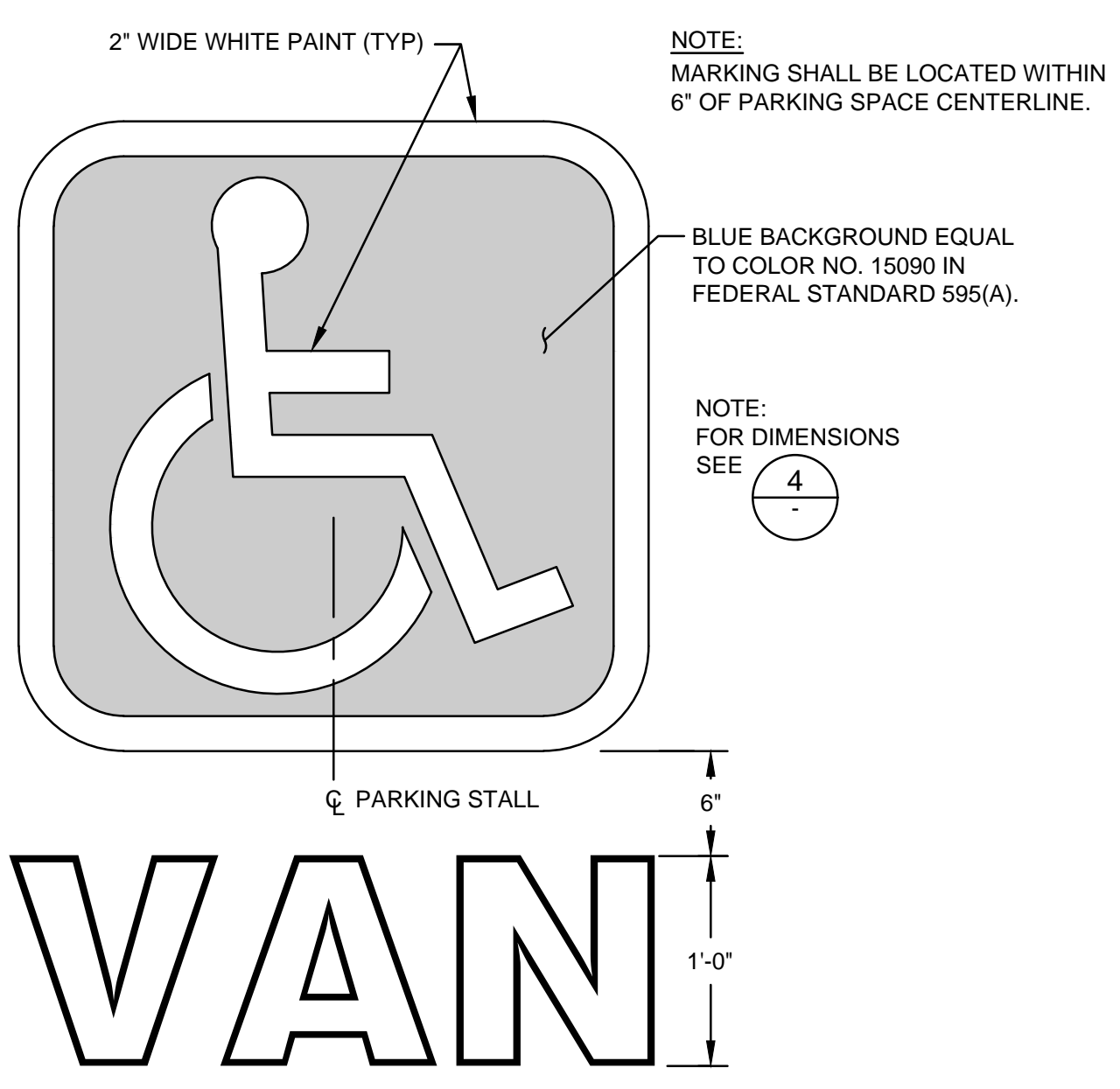
1. THE DETECTABLE WARNING STRIP MUST COVER THE ENTIRE WIDTH OF THE RAMP OPENING, EXCLUDING THE WINGS.
2. ALL DOMES MUST BE ALIGNED IN THE DIRECTION OF TRAVEL.
3. ONE CORNER OF THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE MORE THAN 5 FEET FROM THE BACK OF THE CURB.
4. WHEN LOCATED ALONG A CURB RETURN, THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE DEFINED BY THE CHORD DRAWN BETWEEN THE LEADING EDGES OF THE RAMP OPENING.
5. FOR RETROFITS, SAWCUT RAMP A SUFFICIENT DISTANCE FROM INSTALLATION LOCATION TO FACILITATE NEW CONCRETE WORK.
6. MANUFACTURER: ARMORTILE CAST IN PLACE.
7. COLOR: BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.



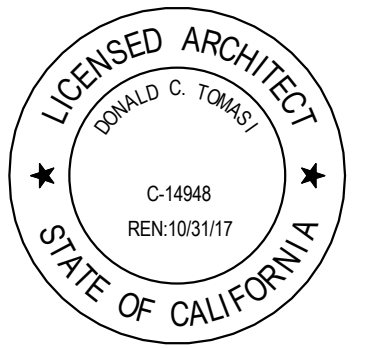
1 TYPICAL ACCESSIBLE PARKING STALLS
 SCALE: N.T.S.



2 ACCESSIBLE PARKING SIGN INSTALLATION
 SCALE: N.T.S.



3 ACCESSIBLE VAN PARKING SYMBOL
 SCALE: N.T.S.

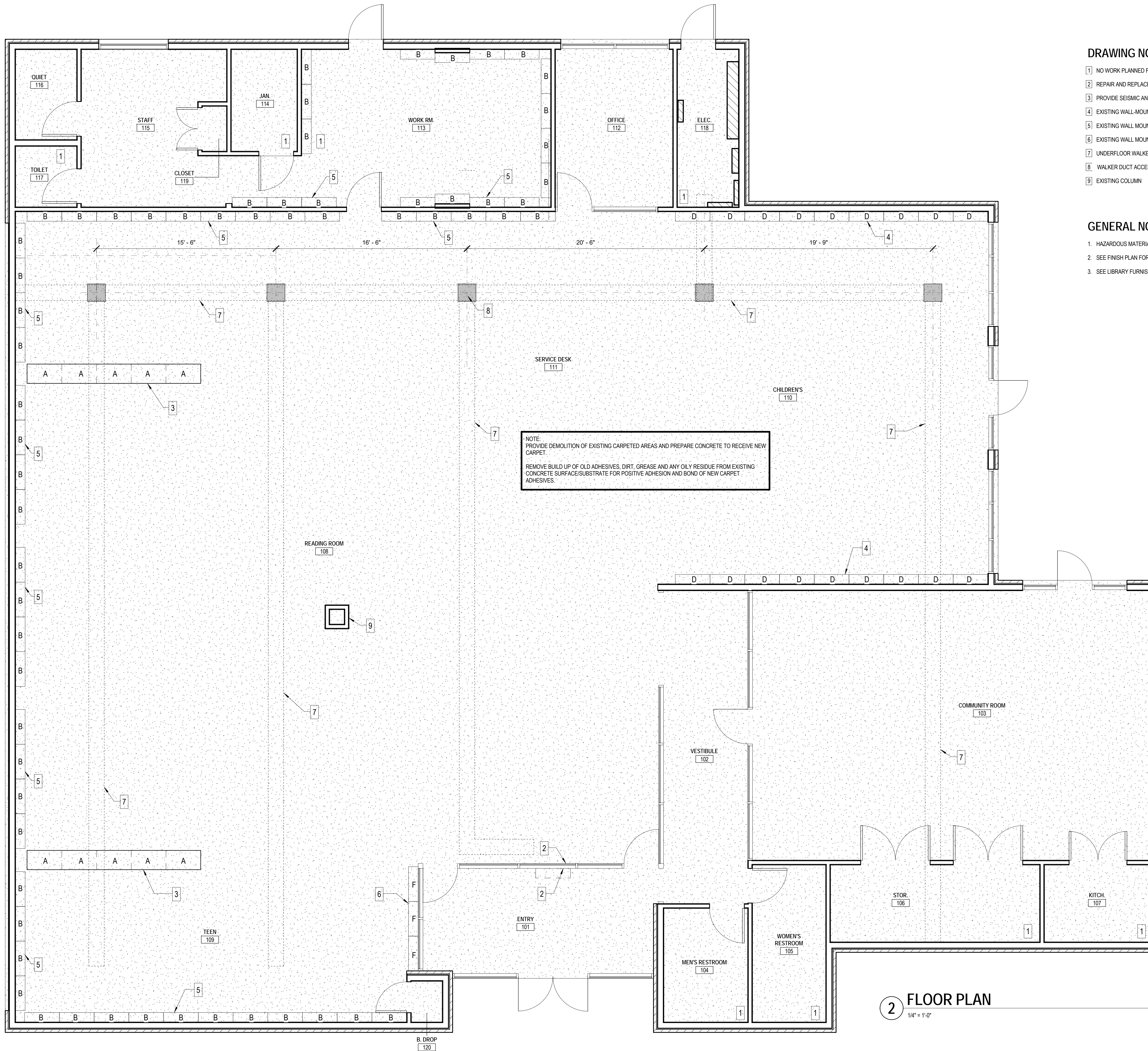


DRAWING NOTES

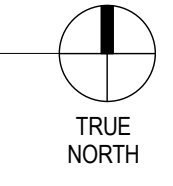
- [1] NO WORK PLANNED FOR THIS ROOM, U.O.N.
- [2] REPAIR AND REPLACE WALL FINISHES AT LOW WALL NEAR ENTRY, BOTH SIDES OF WALL.
- [3] PROVIDE SEISMIC ANCHORAGE @ EXISTING 90" TALL STACKS. SEE SHEET S-1.
- [4] EXISTING WALL-MOUNTED SHELVING, 66" H., TO REMAIN.
- [5] EXISTING WALL MOUNTED SHELVING, 90" H., TO REMAIN.
- [6] EXISTING WALL MOUNTED SHELVING, 44" H., TO REMAIN.
- [7] UNDERFLOOR WALKER DUCT SHOWN DASHED FOR REFERENCE.
- [8] WALKER DUCT ACCESS PANEL.
- [9] EXISTING COLUMN

GENERAL NOTES

- 1. HAZARDOUS MATERIALS ABATEMENT, IF REQUIRED, BY OTHERS.
- 2. SEE FINISH PLAN FOR FINISH LOCATIONS. SEE FINISH SCHEDULE FOR SPECIFIC FINISHES.
- 3. SEE LIBRARY FURNISHINGS PLAN FOR LOCATION AND SCHEDULE OF LIBRARY FURNISHINGS.



2 FLOOR PLAN
 1/4" = 1'-0"



CONSTRUCTION DOCUMENTS

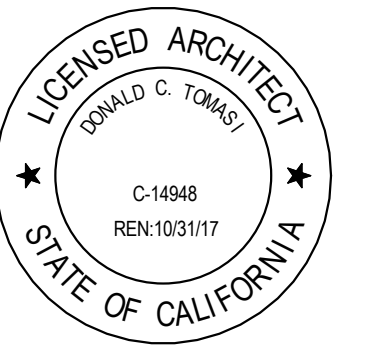
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FLOOR PLAN
A-121



DRAWING NOTES

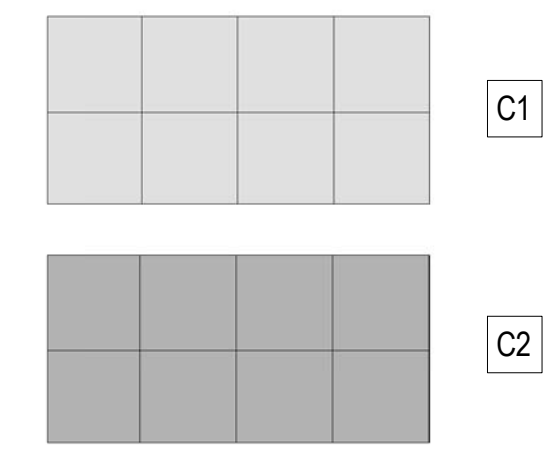
- 1 NO WORK PLANNED FOR THIS ROOM, U.O.N.
- 2 WORK POINT FOR 24"X24" CARPET TILE.
- 3 DO NOT PROVIDE NEW CARPET AT ENTRY 101. (E) FLOOR FINISH SHALL REMAIN.
- 4 EXISTING WALL-MOUNTED SHELVING SHOWN FOR REFERENCE ONLY.
- 5 EXISTING COLUMN.
- 6 WALKER DUCT ACCESS.
- 7 UNDERFLOOR WALKER DUCT SHOWN DASHED FOR REFERENCE ONLY. S.E.D.

GENERAL NOTES

- 1. FOR NEW FLOOR MOUNTED POWER AND DATA RECEPTACLE LOCATIONS SEE ELEC. DOCUMENTS.
- 2. SEE FINISH PLAN FOR FINISH LOCATIONS. SEE FINISH SCHEDULE FOR SPECIFIC FINISHES.
- 3. SEE LIBRARY FURNISHINGS PLAN FOR LOCATION AND SCHEDULE OF LIBRARY FURNISHINGS.

CARPET LEGEND

SEE ROOM FINISH SCHEDULE AND FINISH CODE LIST, SHEET A-151 FINISH SCHEDULES



1 FINISH PLAN
 1/4" = 1'-0"
 TRUE NORTH

CONSTRUCTION DOCUMENTS

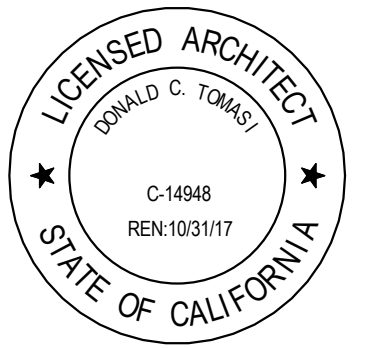
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FLOOR FINISH PLAN
A-150



FINISH CODE LIST					
CODE	FINISH TYPE	SPECIFICATION	MANUFACTURER	STYLE / COLOR	NOTES
BASE					
B1	BASE	09 6513	BURKE	COLOR: 527 CLAY	4" COVE BASE
CARPET					
C1	CARPET	09 6813	SHAW	TEMP TILE 5T019/COLOR: WAVE 18761	24" X 24" TILE, ECOWORX BACKING/RANDOM PATTERN
C2	CARPET	09 6513	SHAW	INFINITE 5T010/COLOR: LIMITLESS 09500	24" X 24" TILE, ECOWORX BACKING/RANDOM PATTERN
PAINT					
P1	PAINT		TBD	TO BE SELECTED	TYPICAL WALL
P2	PAINT		TBD	TO BE SELECTED	TYPICAL UPPER WALL
P3	PAINT		TBD	TO BE SELECTED	ACCENT- CHILDRENS
P4	PAINT		TBD	TO BE SELECTED	ACCENT- TEEN
TRANSITION STRIP					
T1	TRANSITION STRIP	09 6513	BURKE	MATCH BASE COLOR	AS REQUIRED AT CARPET TO RESILIENT

ROOM FINISH SCHEDULE								
Number	Room Name	Floor Finish	Base	Wall Finish- North	Wall Finish- East	Wall Finish-South	Wall Finish- West	Comments
101	ENTRY	EXISTING	EXISTING	P1	-	-	-	PATCH AND REPAIR NORTH WALL @ DEMO AREA
102	VESTIBULE	C2	B1	-	-	-	-	-
103	COMMUNITY ROOM	C2	B1	-	-	-	-	-
104	MEN'S RESTROOM	-	-	-	-	-	-	NO NEW FINISHES
105	WOMEN'S RESTROOM	-	-	-	-	-	-	NO NEW FINISHES
106	STOR.	-	-	-	-	-	-	NO NEW FINISHES
107	KITCH.	-	-	-	-	-	-	NO NEW FINISHES
108	READING ROOM	C1/C2	B1	-	-	P1	-	PATCH AND REPAIR SOUTH WALL @ DEMO AREA
109	TEEN	C1	B1	-	-	-	-	-
110	CHILDRENS	C1	B1	-	-	-	-	-
111	SERVICE DESK	C1/C2	B1	-	-	-	-	-
112	OFFICE	C1	B1	-	-	-	-	-
113	WORK RM.	-	-	-	-	-	-	NO NEW FINISHES
114	JAN.	-	-	-	-	-	-	NO NEW FINISHES
115	STAFF	C1	B1	-	-	-	-	-
116	QUIET	C1	B1	-	-	-	-	-
117	TOILET	-	-	-	-	-	-	NO NEW FINISHES
118	ELEC.	-	-	-	-	-	-	NO NEW FINISHES
119	CLOSET	C1	B1	-	-	-	-	-
120	B. DROP	C1	B1	-	-	-	-	-

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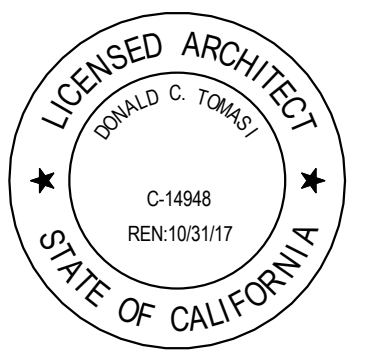
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FINISH SCHEDULES
A-151



SHELVING AND FURNISHING SUMMARY						
ID	HEIGHT	TYPE	END PANELS	#	COUNTERTOP	REMARKS
A	90"	D.F.	YES	10	NO	EXISTING SHELVING WITH NEW SEISMIC BRACING
B	90"	S.F.	NO	63	NO	EXISTING SHELVING AT MAIN SPACE PERIMETER WALLS
C	66"	D.F.	YES	14	NO	EXISTING RELOCATED SHELVING - 3 NEW UNITS
D	66"	S.F.	NO	18	NO	EXISTING SHELVING AT CHILDREN'S AREA PERIMETER
E	44"	D.F.	YES	23	YES	EXISTING SHELVING RELOCATED SHELVING + NEW UNITS
F	44"	S.F.	NO	3	NO	EXISTING SHELVING NEAR MAIN EXIT
G	-	-	-	1	-	NEW BOOK DISPLAY
H	39"	-	-	1	-	COMPUTER KIOSK- STAND UP @ 39" HEIGHT
I	29"	-	-	1	-	CHILDREN'S COMPUTER KIOSK- 29" HEIGHT
J	34"	-	-	1	-	COMPUTER KIOSK - ADA @ 34" HEIGHT

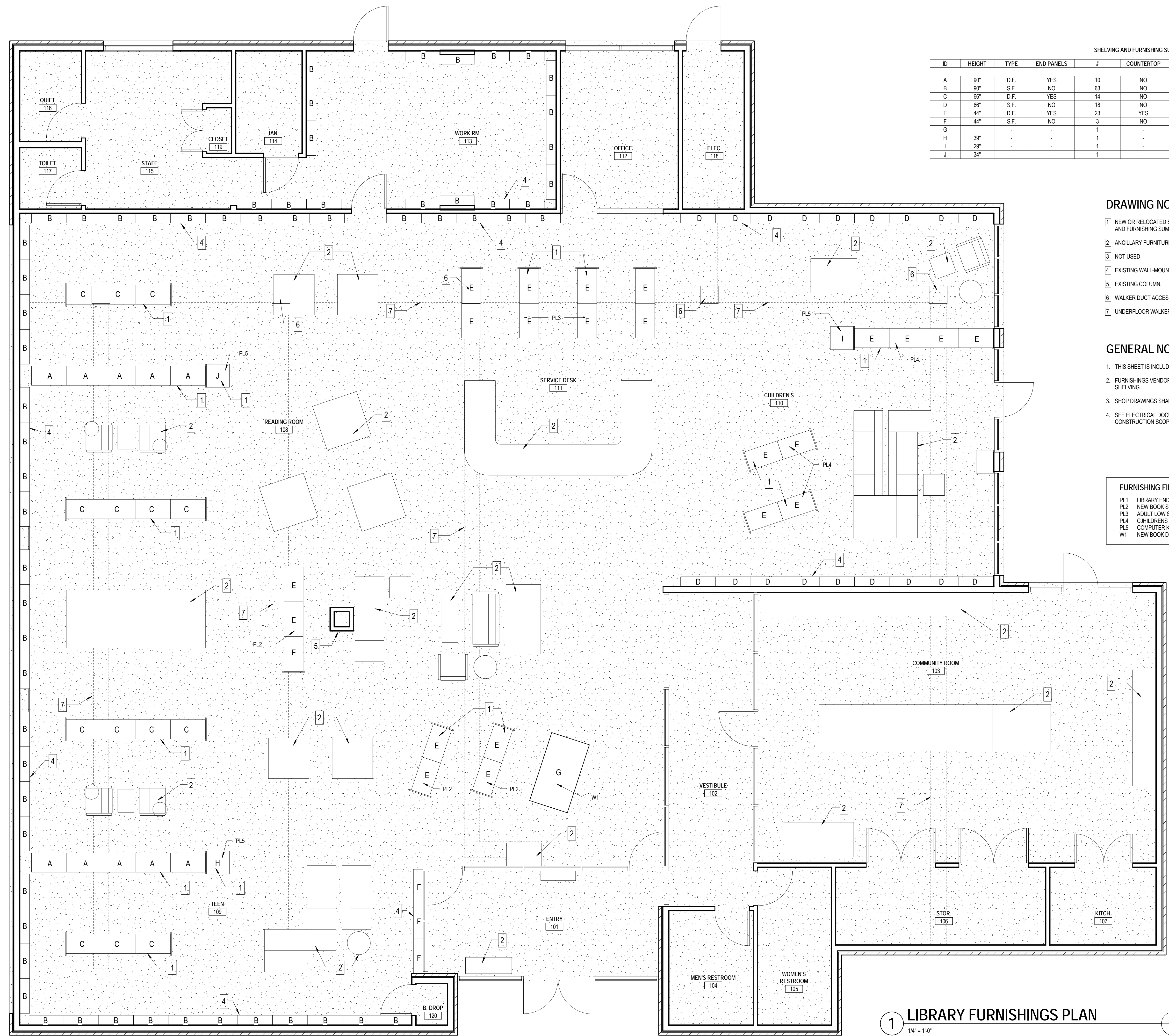
DRAWING NOTES

- 1 NEW OR RELOCATED STACK SHELVING AND LIBRARY FURNISHINGS TYP. SEE SHELVING AND FURNISHING SUMMARY.
- 2 ANCILLARY FURNITURE BY OTHERS.
- 3 NOT USED
- 4 EXISTING WALL-MOUNTED SHELVING SHOWN FOR REFERENCE ONLY.
- 5 EXISTING COLUMN.
- 6 WALKER DUCT ACCESS PANEL SHOWN FOR REFERENCE.
- 7 UNDERFLOOR WALKER DUCT SHOWN DASHED FOR REFERENCE ONLY. S.E.D.

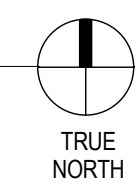
GENERAL NOTES

1. THIS SHEET IS INCLUDED IN THE CONSTRUCTION DOCUMENTS FOR REFERENCE ONLY.
2. FURNISHINGS VENDOR TO FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS OF EXISTING SHELVING.
3. SHOP DRAWINGS SHALL BE PROVIDED BY FURNISHINGS VENDOR.
4. SEE ELECTRICAL DOCUMENTS FOR NEW POWER AND DATA RECEPTACLES PROVIDED IN THE CONSTRUCTION SCOPE OF WORK.

FURNISHING FINISHES LIST	
PL1	LIBRARY END PANELS- 7938-38 NEW AGE OAK
PL2	NEW BOOK STACK ISLANDS AND PERIODICALS COUNTERTOP- Y0341-60 AGED PORT
PL3	ADULT LOW STACK ISLANDS COUNTERTOP- Y0354-60 BLUEBERRY TART
PL4	CHILDREN'S LOW STACK ISLANDS COUNTERTOP- Y0355-60 SEA BERRY
PL5	COMPUTER KIOSK OPAX COUNTERTOP- Y0342-60 SUGAR COOKIE
W1	NEW BOOK DISPLAY- WHITE OAK



1 LIBRARY FURNISHINGS PLAN
 1/4" = 1'-0"



CONSTRUCTION DOCUMENTS

CLOVERDALE LIBRARY
 401 N. CLOVERDALE BLVD.
 CLOVERDALE, CA 95425

COUNTY OF SONOMA

PROJECT NUMBER
16005.00
 DATE
9/12/2016
 DRAWN BY
JL
 CHECKED BY
JB
 REVISIONS:

NO.	DESCRIPTION	DATE

LIBRARY FURNISHINGS PLAN
A-530



CONSTRUCTION DOCUMENTS

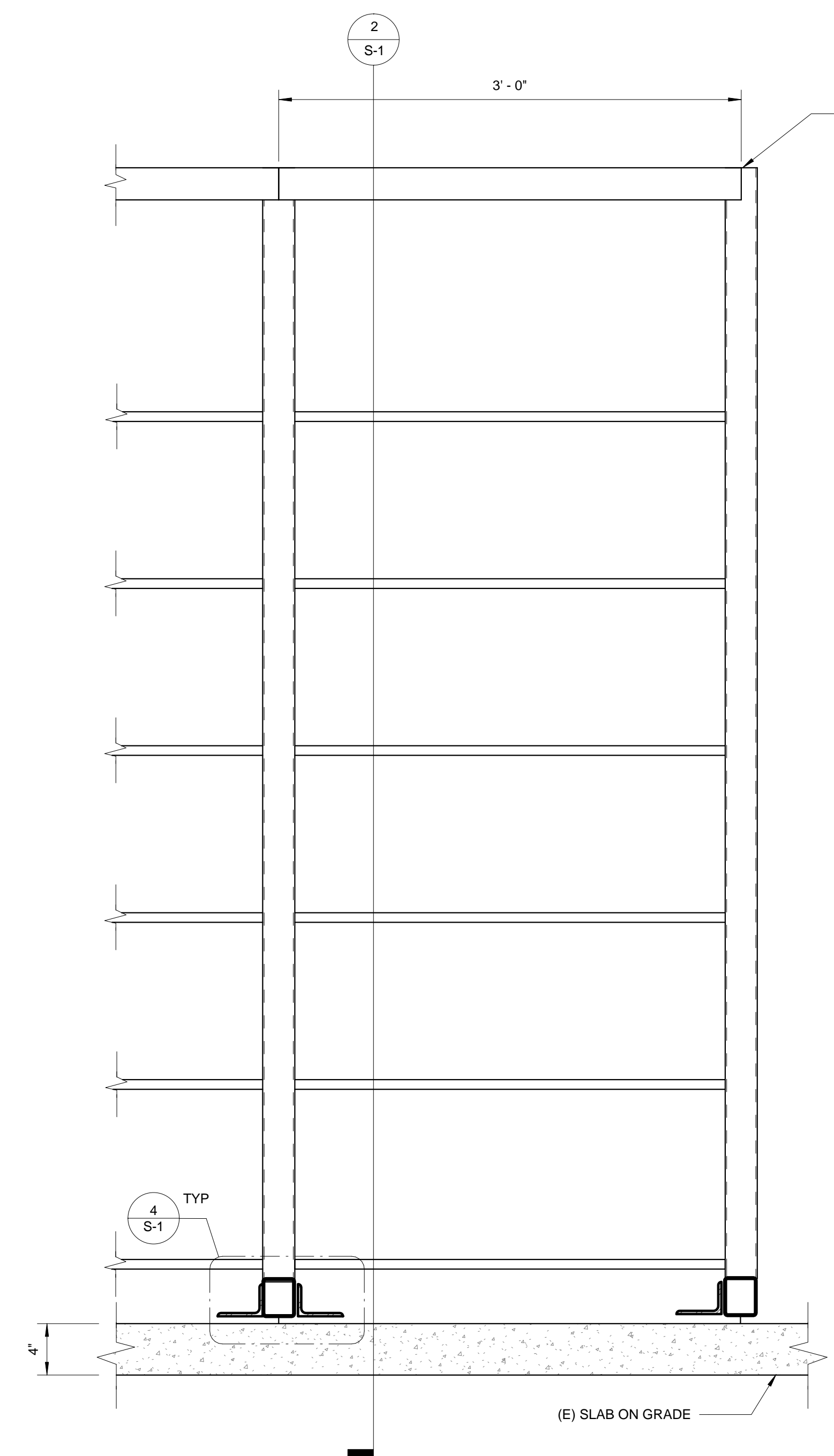
CLOVERDALE LIBRARY
401 N CLOVERDALE BLVD,
CLOVERDALE, CA 95425

COUNTY OF SONOMA

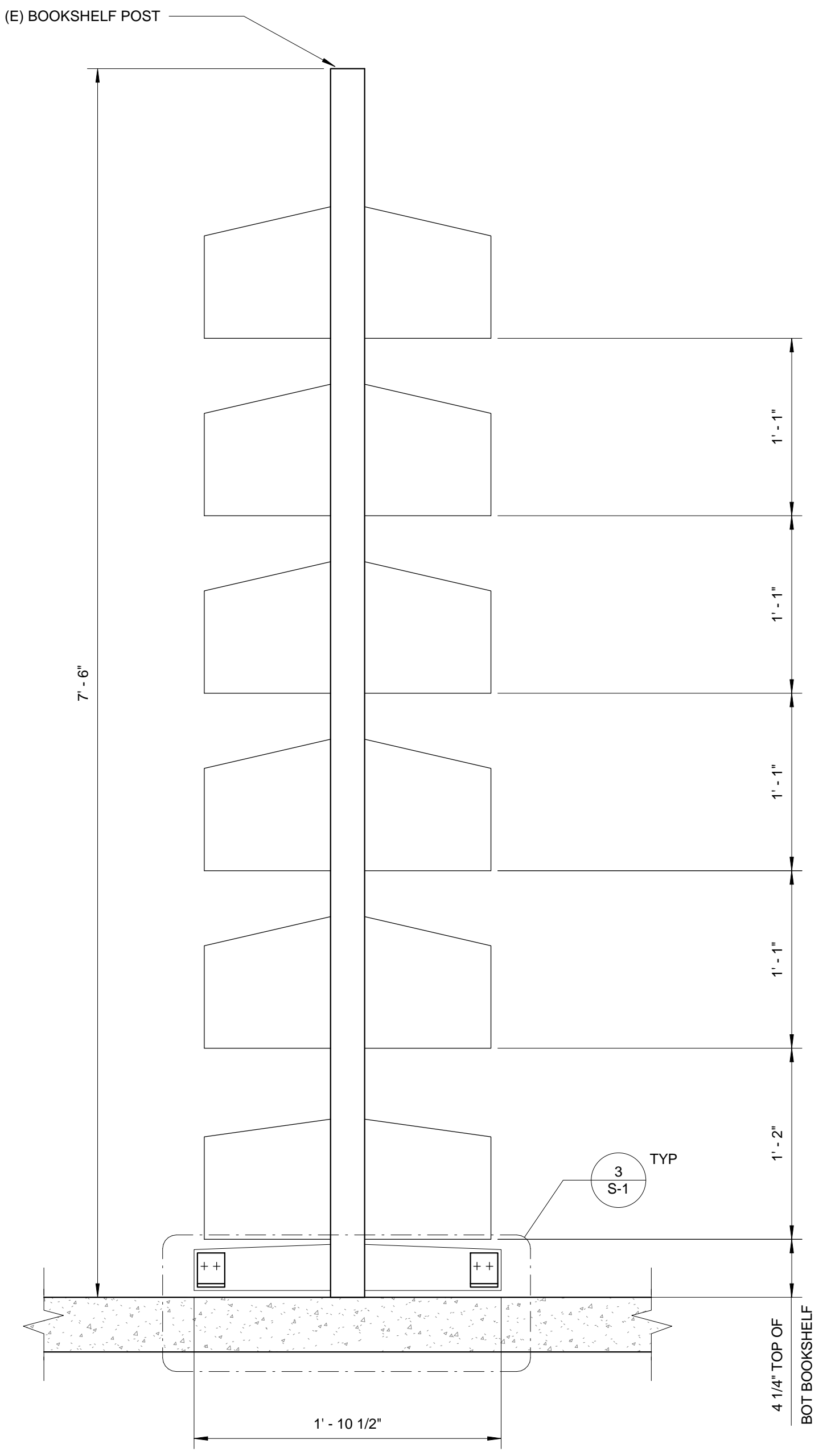
PROJECT NUMBER:
2016094
DATE:
09/12/16
DRAWN BY:
KCM
CHECKED BY:
LW

NO.	DESCRIPTION	DATE
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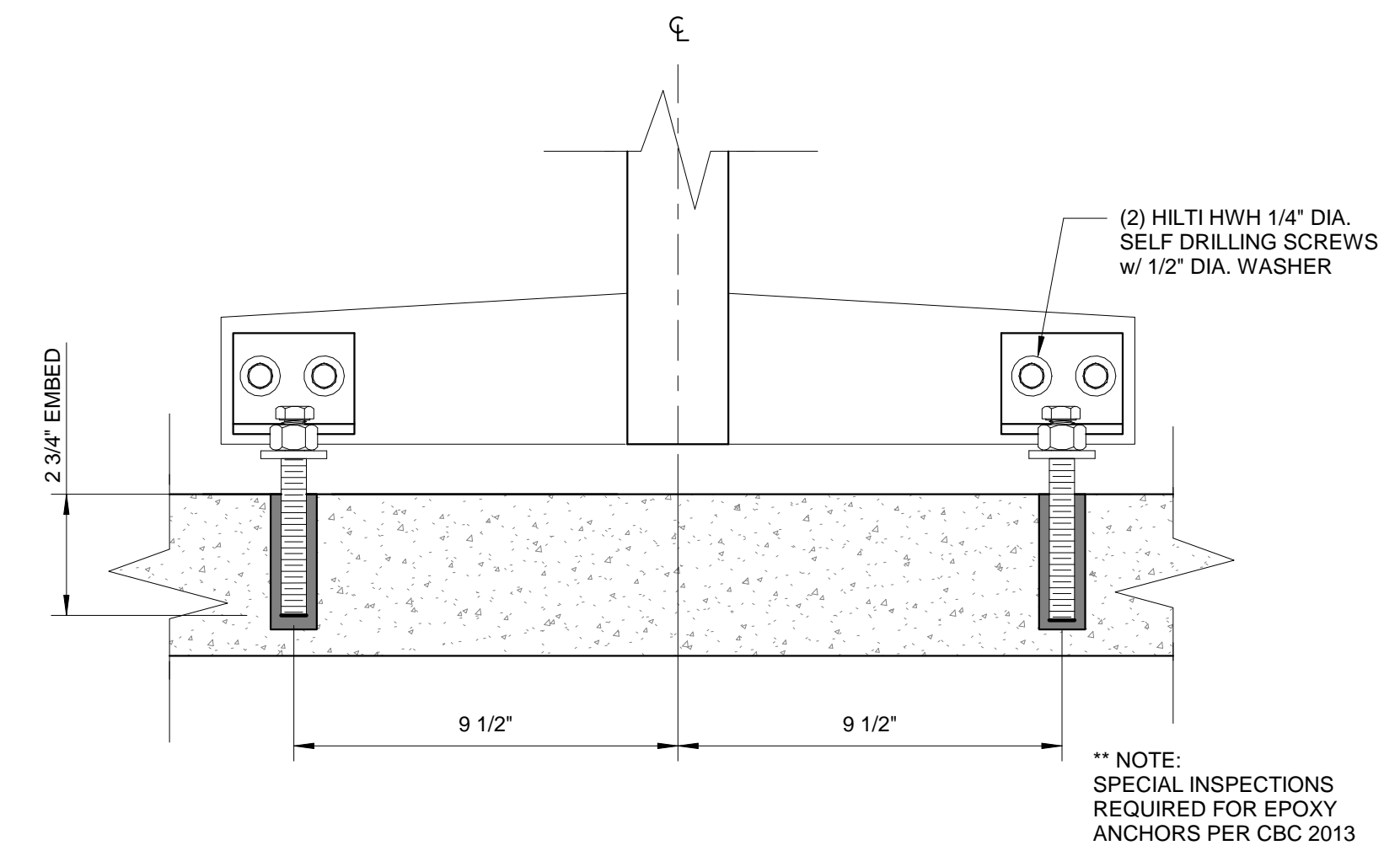
BOOKSHELF ELEVATION AND ANCHORAGE DETAILS
S-1



1 BOOKSHELF EL
1 1/2" = 1'-0"

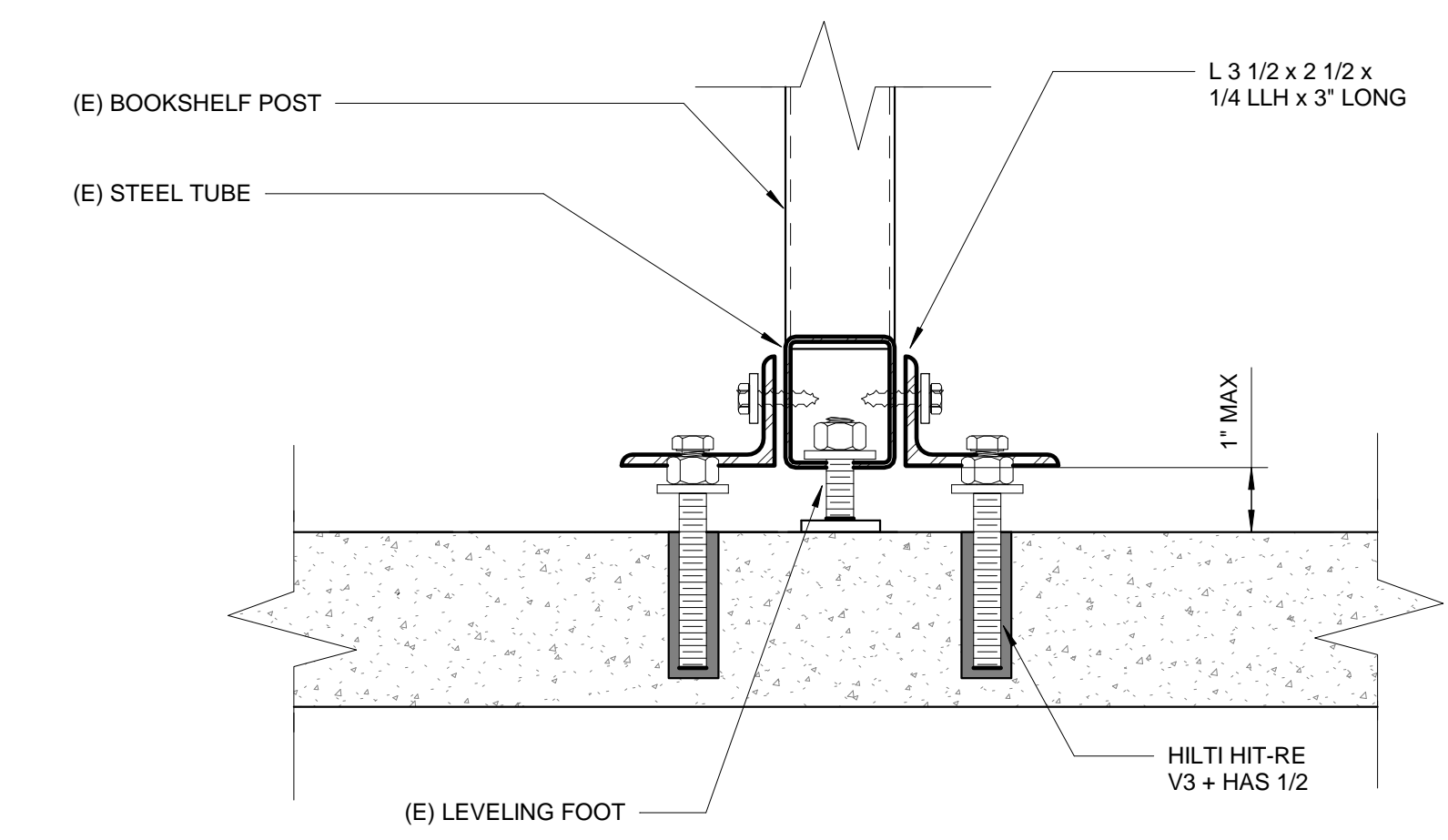


2 BOOKSHELF SECTION
1 1/2" = 1'-0"



3 ANCHORAGE DETAIL A
3" = 1'-0"

** NOTE:
SPECIAL INSPECTIONS
REQUIRED FOR EPOXY
ANCHORS PER CBC 2013



4 ANCHORAGE DETAIL B
3" = 1'-0"

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SYMBOLS LIST AND ABBREVIATIONS

NOTES:
1. ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS
2. DASHED LINETYPE INDICATES EXISTING DEVICE OR EQUIPMENT
3. +48" WALL MOUNTING SHALL BE TO TOP OF BOX (ADA).

ABBREVIATIONS

A AMPERES
AF AMP-FRAME
AFCI ARC FAULT CIRCUIT INTERRUPTER
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AIC AMPS INTERRUPTING CURRENT
ARCH ARCHITECT
ARF ABOVE RAISED FLOOR
AT AMP-TRIP
ATS AUTOMATIC TRANSFER SWITCH
AWG AMERICAN WIRE GAUGE
BLDG BUILDING
CATV CABLE TELEVISION
CB CIRCUIT BREAKER
CCTV CLOSED CIRCUIT TELEVISION
CEC CALIFORNIA ELECTRICAL CODE
CL CENTER-LINE
CLG CEILING
CKT CIRCUIT
CO CONDUIT ONLY
CONC CONCRETE
CONT. CONTINUED/CONTINUATION
CT CURRENT TRANSFORMER
CU COPPER
Δ DELTA-CONNECTED
D DEEP, DEPTH
DIA DIAMETER
DN DOWN
DP DISTRIBUTION PANELBOARD
DISHWASHER
DWG DRAWING
E EXISTING
EACH EACH
ELEC ELECTRIC, ELECTRICAL
EM EMERGENCY
EMS ENERGY MANAGEMENT SYSTEM
EOL END-OF-LINE
EQUIP EQUIPMENT
EV ELECTRIC VEHICLE CHARGING STATION
FA FIRE ALARM
FAAP FIRE ALARM ANNUNCIATOR PANEL
FACP FIRE ALARM CONTROL PANEL
FAEP FIRE ALARM EXTENDER PANEL
FATC FIRE ALARM TERMINAL CABINET
FIT FUTURE
FLUOR FLUORESCENT
FT FOOT, FEET
G GROUND
GD GARBAGE DISPOSAL
GFI GROUND FAULT INTERRUPTER
GRS GALVANIZED RIGID STEEL
HID HIGH INTENSITY DISCHARGE
HOA HAND-OFF-AUTOMATIC
HP HORSEPOWER
Hz HERTZ
IDF INTERMEDIATE DISTRIBUTION FRAME
IG ISOLATED GROUND
INCAN INCANDESCENT
KCMIL THOUSAND CIRCULAR MILS
KV KILOVOLT
KVA KILOVOLT AMPERE
KW KILOWATT
LCP LIGHTING CONTROL PANEL
LL LOW-LEVEL
LTG LIGHTING
LV LOW VOLTAGE
MAX MAXIMUM
MCB MAIN CIRCUIT BREAKER
MCC MOTOR CONTROL CENTER
MCP MOTOR CONTROL PANEL
MDF MAIN DISTRIBUTION FRAME
MECH MECHANICAL
MIN MINIMUM
MISC MISCELLANEOUS
MLO MAIN LUGS ONLY
MPOE MAIN POINT OF ENTRY
MFD MOUNTED
(N) NEW
NATS NON-AUTOMATIC TRANSFER SWITCH
NEC NATIONAL ELECTRIC CODE
NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA NATIONAL FIRE PROTECTION AGENCY
NIC NOT INCLUDED IN CONTRACT
NL NIGHTLIGHT
NTS NOT TO SCALE
OC ON CENTER
OH OVERHEAD
OL OVERLOAD
P POLE
PA PUBLIC ADDRESS
PH PHASE
PNL PANELBOARD
POC POINT OF CONNECTION
(R) RELOCATED
RAC RIGID ALUMINUM CONDUIT
RECEP RECEPTACLE
REFRIG REFRIGERATOR/REFRIGERATION ROOM
RM ROOM
SAD SEE ARCHITECTURAL DRAWINGS
SCA SHORT CIRCUIT AVAILABLE
SCD SEE CIVIL DRAWINGS
SMD SEE MECHANICAL DRAWINGS
SSD SEE STRUCTURAL DRAWINGS
STC SIGNAL TERMINAL CABINET
SWBD SWITCHBOARD
TEL TELEPHONE
TTB TELEPHONE TERMINAL BOARD
TC TERMINAL CABINET
TV TELEVISION
TYP TYPICAL
UBC UNIFORM BUILDING CODE
UG UNDERGROUND
UGPS UNDERGROUND PULL SECTION
UL UNDERWRITERS LABORATORIES UNLESS OTHERWISE NOTED
UON VOLT(S)
VA VOLT AMPERE(S)
W WIRE
WM SURFACE RACEWAY ("WIREMOLD")
WP WEATHERPROOF
XFMR TRANSFORMER
Y WYE-CONNECTED

SIGNAL AND CONTROL

Ⓜ CLOCK, +96" AFF, UON
Ⓜ PUBLIC ADDRESS SPEAKER, +96" AFF, UON
Ⓜ COMBINATION CLOCK/SPEAKER, +96" AFF, UON
Ⓜ BELL, +96" AFF, UON
Ⓜ VOLUME CONTROL, +48" AFF, UON
Ⓜ MICROPHONE OUTLET, +18" AFF, UON
Ⓜ THERMOSTAT, +48" AFF, UON
Ⓜ CONTACTOR
Ⓜ RELAY
Ⓜ SELECTOR SWITCH
Ⓜ SOLENOID VALVE
Ⓜ SECURITY DOOR CONTACT

TELECOMMUNICATIONS

Ⓜ DISTRIBUTION FRAME (MAIN OR INTERMEDIATE AS NOTED)
◁ TELEPHONE OR INTERCOM OUTLET (TELECOM OUTLETS +18" AFF UON)
NUMBER SUBSCRIPT = NUMBER OF JACKS (NO SUBSCRIPT = 1 JACK)
"H" = PROVIDE WALL HANDSET +48"
"D" = PROVIDE DESKTOP HANDSET +18"
◁ DATA OUTLET
NUMBER SUBSCRIPT = NUMBER OF JACKS (NO SUBSCRIPT = 2 JACKS)
◁ COMBINATION DATA AND TELEPHONE OUTLET
NUMBER SUBSCRIPT = NUMBER OF JACKS (NO SUBSCRIPT = 1 TEL JACK, 2 DATA JACKS)
Ⓜ SURFACE DIVIDED RACEWAY WITH POWER AND TELCOM OUTLETS AS NOTED
Ⓜ TELCOM FLOOR OUTLET
Ⓜ TELEVISION OUTLET
Ⓜ CABLE TRAY

LIGHTING AND CONTROLS

RECESSED DOWNLIGHT
RECESSED FLUORESCENT FIXTURE
SURFACE FLUORESCENT FIXTURE
RECESSED INDIRECT FLUORESCENT FIXTURE, INSIDE LINES INDICATE DIRECTION OF DIFFUSER.
SURFACE INDIRECT FLUORESCENT FIXTURE, INSIDE LINES INDICATE DIRECTION OF DIFFUSER.
PENDANT FLUORESCENT FIXTURE
(* = POWER FEED, • = NON-POWER)
WALL-MOUNTED FLUORESCENT FIXTURE
FLUORESCENT STRIP FIXTURE
CEILING MOUNTED FIXTURE
WALLWASH FIXTURE
WALL MOUNTED FIXTURE
FLOODLIGHT FIXTURE
EMERGENCY FIXTURE
REMOTE EMERGENCY BATTERY PACK UNIT
EXIT SIGN
EMERGENCY LIGHTING FIXTURE
COMBINATION EXIT SIGN AND EMERGENCY LIGHTING FIXTURE
POLE-MOUNTED FIXTURE
POST MOUNTED OR BOLLARD FIXTURE
FA1 LIGHTING FIXTURE DESIGNATION (TYPE "FA1")
FA1, FB1 = FLUORESCENT (COMPACT AND LINEAR)
FA1, TB1 = TUNGSTEN HALOGEN, QUARTZ, LED, FIBER OPTICS)
MA1, MB1 = METAL HALIDE
SA1, SB1 = HIGH & LOW HIGH PRESSURE SODIUM
EX1 = EXIT SIGN
EM1 = EMERGENCY LIGHTING
S SINGLE-POLE SINGLE-THROW SWITCH (SWITCHES +48" AFF TO TOP OF BOX, UON)
SWITCH SUBSCRIPTS:
s,b,c, etc. = SWITCHLEG IDENTIFICATION
2 = TWO POLE
3 = THREE WAY
4 = FOUR WAY
P = PILOT LIGHT
S = SPRING WOUND TIMER SWITCH
Sabc INDICATES MULTIPLE SWITCHES IN GANGED BOX WITH COMMON FACEPLATE
iS3 LOW-VOLTAGE SWITCH AND SWITCH NUMBER
\$ KEY-OPERATED SWITCH
Ⓜ DIMMER SWITCH
Ⓜ MOTION DETECTOR
Ⓜ OCCUPANCY SENSOR, CEILING MOUNTED
Ⓜ OCCUPANCY SENSOR W/ INTEGRAL POWER SUPPLY
Ⓜ OCCUPANCY SENSOR, WALL MOUNTED
Ⓜ OCCUPANCY SENSOR POWER PACK
Ⓜ OCCUPANCY SENSOR SLAVE PACK
Ⓜ SELF-CONTAINED OCCUPANCY SENSOR WALL SWITCH (SWITCHES +48" AFF TO TOP OF BOX)
Ⓜ PHOTOCELL
FIXTURE TYPE
LA-1(Z3)2 LIGHTING CONTROL ZONE
SEE LIGHTING CONTROL ZONE SCHEDULE
NUMBERED SHEET NOTE
BRANCH CIRCUIT NUMBER
SWITCH LEG
LIGHTING FIXTURE DESIGNATION, SEE LIGHT FIXTURE SCHEDULE
TYPICAL LIGHTING FIXTURE IDENTIFICATION

GENERAL

① SHEET NOTE
① DETAIL OR PLAN REFERENCE (DETAIL 1, SHEET E1.0)
① SECTION/CUT (SEE FLOOR PLAN 1, SHEET E1.0)

POWER AND ROUGH-IN

SWITCHBOARD, DISTRIBUTION PANEL OR MOTOR CONTROL CENTER
SURFACE PANELBOARD
FLUSH PANELBOARD
UTILITY POLE
POLE MOUNTED TRANSFORMER TRANSFORMER
UNDERGROUND MANHOLE, HANDHOLE OR PULLBOX
P = POWER
TE = TELCOM/SIGNAL
FA = FIRE ALARM
GROUND CONNECTION
CIRCUIT BREAKER (100 AMP TRIP, 3-POLE)
METER
FUSED SWITCH
GROUND-FAULT INTERRUPTER
SHUNT-TRIP
TRANSIENT VOLTAGE SURGE SUPPRESSION
BUS OR TERMINALS ("G" DENOTES GROUND, "N" DENOTES NEUTRAL)
SPLICE OR TAP
EQUIPMENT TAG (MECHANICAL OR OTHER)
FEEDER TAG
"L1" = FEEDER TO EQUIPMENT "L1"
MOTOR
GENERATOR
DISCONNECT SWITCH - BLANK INDICATES UNFUSED, "F" INDICATES FUSED
ENCLOSED CIRCUIT BREAKER
MOTOR CONTROLLER
COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH - UNFUSED, UON
MOTOR-RATED TOGGLE SWITCH, UON
DUPLX RECEPTACLE 125V 20A 3W (WALL MTD, RECEPTACLES +18" AFF UON)
C = CLG. MTD.
DUPLX RECEPTACLE 125V 20A 3W - TOP RECEPTACLE SWITCHED
DUPLX RECEPTACLE 125V 20A 3W - DEDICATED 20A/1P CIRCUIT
DOUBLE-DUPLX RECEPTACLE 125V 20A 3W
DOUBLE-DUPLX RECEPTACLE 125V 20A 3W ON 20A/1P CIRCUIT
SPECIAL RECEPTACLE AS NOTED
COMBINATION NON-FUSED DISCONNECT/PIN AND SLEEVE RECEPTACLE
RECEPTACLE STATION
DUPLX RECEPTACLE FLOOR OUTLET
DOUBLE-DUPLX RECEPTACLE FLOOR OUTLET
FLOOR OUTLET ASSEMBLY
FLUSH FLOOR POKETHROUGH ASSEMBLY
MULTI-OUTLET ASSEMBLY OR PLOG STRIP, LENGTH AS INDICATED ON PLANS
CONDUIT
UNDERGROUND/UNDERFLOOR CONDUIT
UNDERGROUND CONDUIT THROUGH EXISTING A/C PAVING, CONCRETE OR LANDSCAPE
EXISTING CONDUIT
CONDUIT TO BE REMOVED
HOMERUN TO PANELBOARD OR CABINET AS NOTED
CONDUIT STUBBED AND CAPPED
CONDUIT UP
CONDUIT DOWN
CONDUIT AND WIRE: HATCHES INDICATE QUANTITY OF CONDUCTORS IN CONDUIT. NOTE: GROUND WIRE(S) NOT SHOWN. REFER TO BRANCH CIRCUIT SIZING NOTES ON DRAWINGS
FLEXIBLE CONDUIT CONNECTION
JUNCTION BOX SIZED PER CODE, UON
SURFACE TERMINAL CABINET OR CONTROL PANEL AS NOTED
FLUSH TERMINAL CABINET OR CONTROL PANEL AS NOTED

LIST OF DRAWINGS

E-001 SYMBOLS AND ABBREVIATIONS, LIST OF DRAWINGS
E-302 POWER PLAN

LIST OF SPECIFICATIONS

26 05 19 13 RACEWAY AND BOXES
26 05 19 13a UNDERFLOOR RACEWAYS FOR ELECTRICAL SYSTEMS
26 05 13 00 CONDUCTORS AND CABLES
26 05 33 16 WIRING DEVICES
26 01 20 00 CLIENT SPECIFIC ELECTRICAL REQUIREMENTS

CODE REQUIREMENTS

2013 CALIFORNIA ADMINISTRATIVE CODE (CAC)
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS
2013 CALIFORNIA BUILDING CODE (CBC)
PART 2, TITLE 24, CCR, BASED ON THE 2012 INTERNATIONAL BUILDING CODE (IBC)
2013 CALIFORNIA ELECTRICAL CODE (CEC)
PART 3, TITLE 24, CCR, BASED ON THE 2011 NATIONAL ELECTRICAL CODE (NEC)
2013 CALIFORNIA ENERGY CODE
PART 6, TITLE 24, CCR; CALIFORNIA ENERGY COMMISSION BUILDING EFFICIENCY STANDARDS: 2013 NONRESIDENTIAL COMPLIANCE MANUAL
2013 CALIFORNIA FIRE CODE (CFC)
PART 9, TITLE 24, CCR, BASED ON THE 2012 INTERNATIONAL FIRE CODE (IFC)
2013 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC)
PART 11, TITLE 24, CCR, BASED ON THE 2011 NATIONAL ELECTRICAL CODE (NEC)

PROJECT CONTACTS

ZAK ZAKALIK, PRINCIPAL (707) 636-9154 zak@summit-sr.com
ANASTASIYA SMURYGINA, STAFF ENGINEER (707) 527-0775 x137 anastasiya@summit-sr.com

CLOVERDALE LIBRARY
401 N. CLOVERDALE BLVD.
CLOVERDALE, CA 95425

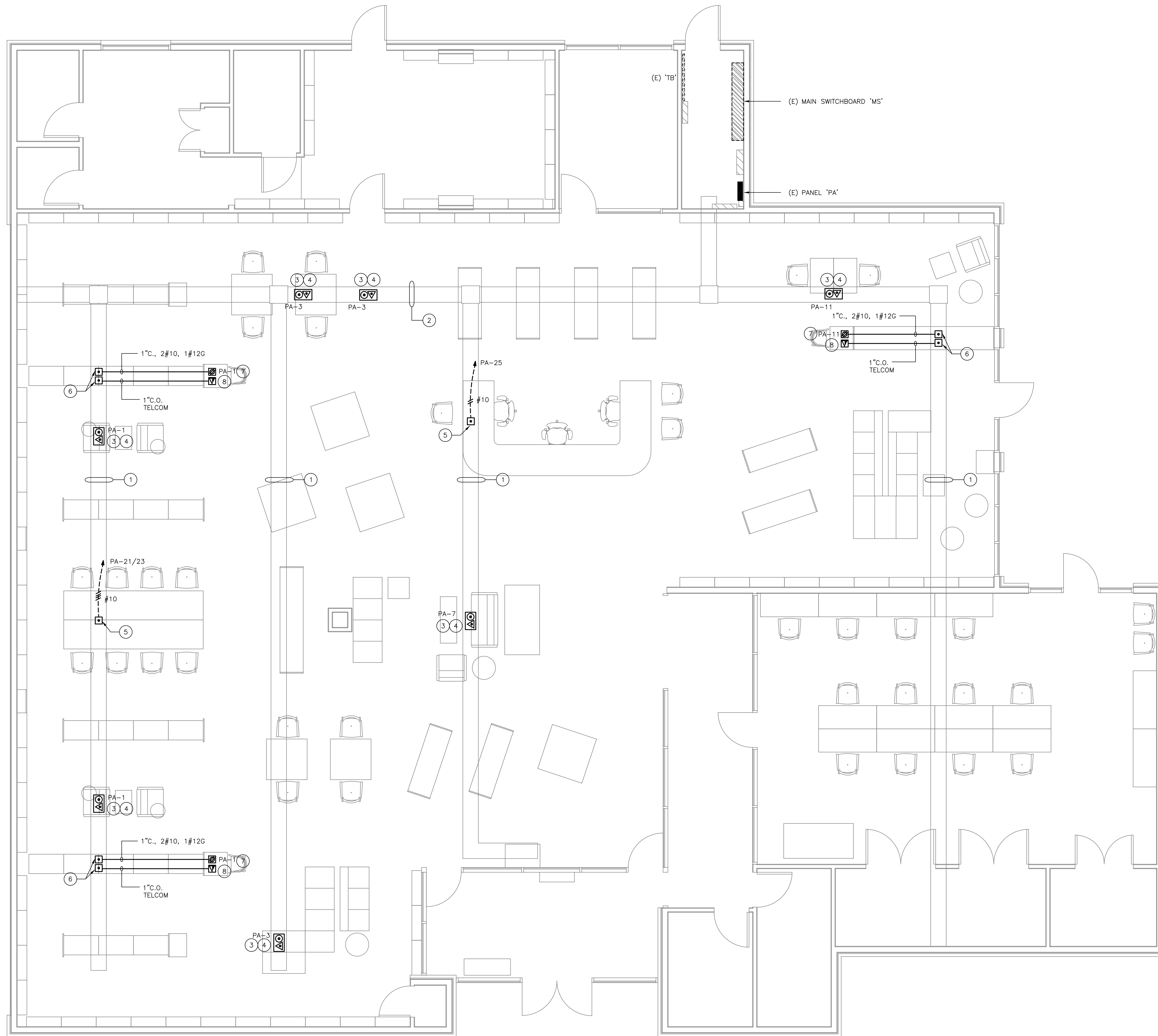
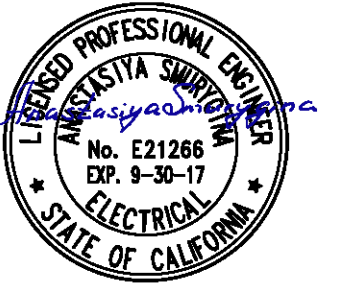
COUNTY OF SONOMA

PROJECT NUMBER: 16005.00
DATE: 9/12/2016
DRAWN BY: JO
CHECKED BY: AS
REVISIONS:

Number	Date	Description

SYMBOLS AND ABBREVIATIONS, LIST OF DRAWINGS

E-001



POWER PLAN
SCALE: 1/4"=1'-0" **1**

GENERAL NOTES

- BRANCH CIRCUIT SIZES - MAX 3% VOLT DROP BRANCH CIRCUIT WIRING SHALL BE SIZED BY THE CONTRACTOR TO MEET THE 2013 CA BUILDING ENERGY EFFICIENCY STANDARDS OF 3% MAXIMUM DROP, WITH THE FOLLOWING CRITERIA:
 - A. MAXIMUM DESIGN CURRENT ON 15A AND 20A BRANCH CIRCUITS (INCLUDING 75% DERATING) = 12 AMPS.
 - B. MAXIMUM DISTANCE TO CENTROID (OR WEIGHTED CENTER, DETERMINED BY APPROXIMATING THE MIDPOINT BETWEEN ALL OF THE LOADS) OF BRANCH CIRCUIT LOADS FOR EACH SIZE WIRE (COPPER):
 - I. 120V: #12 = 80FT, #10 = 125FT, #8 = 200FT, #6 = 300FT
 - II. 208V: #12 = 135FT, #10 = 215FT, #8 = 340FT, #6 = 530FT
 - III. 240V: #12 = 155FT, #10 = 250FT, #8 = 400FT, #6 = 600FT
 - IV. 277V: #12 = 180FT, #10 = 290FT, #8 = 450FT, #6 = 700FT
 - ELECTRICAL DESIGN IS BASED ON AS BUILT ELECTRICAL SET OF DRAWINGS DATED 11/9/77 AS PROVIDED BY THE LIBRARY.
 - CONTRACTOR TO VERIFY AVAILABLE SPARE CAPACITY IN EXISTING IN FLOOR DUCT TO ACCOMMODATE NEW WIRING REQUIREMENT.
 - ALL ELECTRICAL EQUIPMENT IN ELECTRICAL ROOM IS EXISTING TO REMAIN.
 - PROVIDE CIRCUIT BREAKER HANDLE TIES WHERE FURNITURE POWER CONNECTIONS DO NOT ALLOW FOR DEDICATED NEUTRALS.
 - PROVIDE DEDICATED NEUTRAL TO EACH NEW BRANCH CIRCUIT PER NEC 210.4.
- SELECT CONDUCTOR SIZES THAT WILL NOT EXCEED THE ONE-WAY CIRCUIT DISTANCES NOTED ABOVE TO THE CENTROID OF THE CIRCUIT LOADS, WITH THE CIRCUIT DISTANCE TO INCLUDE UP AND DOWN LENGTHS TO THE CEILING OR UNDERFLOOR SPACES. THE WHOLE BRANCH CIRCUIT SHALL CONSIST OF THE SAME CONDUCTOR SIZES UNLESS CONTRACTOR-PROVIDED CALCULATIONS INDICATE THE LAST DEVICE ON EACH CIRCUIT BRANCH WILL NOT EXCEED 3% VOLT DROP. FOR CONDUCTOR SIZES REQUIRED TO BE LARGER THAN #10, INSTALL INSULATED HEAT-SHRUNK SPLICES IN RESPECTIVE PANELBOARD OR OUTLET BOX.

KEY NOTES

- EXISTING IN SLAB THREE SECTION CELLULAR FLOOR DUCT (SIGNAL, POWER, TELCOM).
- EXISTING IN SLAB CELLULAR HEADER DUCT (SIGNAL, POWER, TELCOM).
- PROVIDE SURFACE MOUNTED ACTIVATION ASSEMBLY - POWER AND TELCOM. CORE DRILL AND TAP THE SLAB, PROVIDE REQUIRED AFTER SET INSERT AND SURFACE MOUNTED OUTLETS AS MANUFACTURED BY HIROBERTSON. PROVIDE ONE DUPLEX 20A, 120V RECEPTACLE AND TELCOM PLATE, COORDINATE TELCOM PLATE AND TELCOM JACK REQUIREMENTS WITH LIBRARY.
- EXTEND EXISTING CIRCUIT IN THE FLOOR DUCT AND CONNECT TO NEW DEVICE.
- PROVIDE SURFACE MOUNTED ACTIVATION ASSEMBLY AS MANUFACTURED BY HIROBERTSON FOR POWER AND TEL/DATA CONNECTION TO FURNITURE SYSTEM. COORDINATE WIRING AND CONNECTION REQUIREMENTS WITH ARCHITECT.
- PROVIDE SURFACE MOUNTED ACTIVATION ASSEMBLY AS MANUFACTURED BY HIROBERTSON. EXTEND 1" C. EACH FOR POWER AND TELCOM FOR DEVICE AS INDICATED ON PLAN. COORDINATE CONDUIT ROUTING REQUIREMENTS WITH ARCHITECT.
- PROVIDE 20A, 120V DUPLEX RECEPTACLE IN SURFACE FLOOR MOUNTED CAST SINGLE GANG BOX.
- PROVIDE SURFACE FLOOR MOUNTED CAST SINGLE GANG BOX WITH TELCOM PLATE. COORDINATE TELCOM PLATE AND TELCOM JACK REQUIREMENTS WITH LIBRARY.
- SCOPE OF ELECTRICAL WORK INCLUDES CONNECTION OF NEW RECEPTACLE BRANCH CIRCUITS TO AN EXISTING PANEL "PA" AND EXTENDING EXISTING RECEPTACLE BRANCH CIRCUITS TO NEW DEVICES.

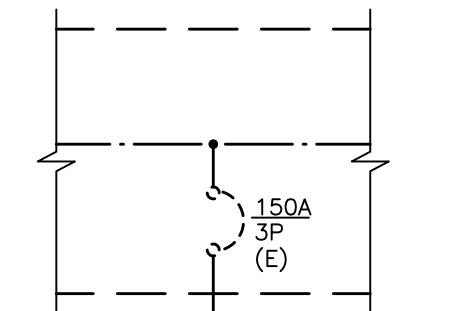
PANEL: PA (EXISTING)		VOLTAGE: 208Y / 120V 3PH 4W	ENCLOSURE: NEMA 1	ISSUE DATE: 09/08/16
PROJECT: CLOVERDALE LIBRARY		BUS RATING: 225 A	MOUNTING: SURFACE	BY: AVS
LOCATION: ELEC RM		MAINS RATING: 225 MLO		
		KAIC RATING: 10 KAIC		

CKT	TRIP	POLE	CODE	LOAD DESCRIPTION	LOAD	A	B	C	LOAD	LOAD DESCRIPTION	CODE	TRIP	POLE	CKT	
1	20	1	R	UNDERFLOOR RECEPT.	1440		1440			SPARE	R	20	1	2	
3	20	1	R	UNDERFLOOR RECEPT.	1440		2880			RECEPTACLES	R	20	1	4	
5	20	1	R	UNDERFLOOR RECEPT.	900			1620		720 RECEPTACLES	R	20	1	6	
7	20	1	R	UNDERFLOOR RECEPT.	1080	1980				900 RECEPTACLES	R	20	1	8	
9	20	1	R	UNDERFLOOR RECEPT.	900		1260			360 TB RECEPTACLE	R	20	1	10	
11	20	1	R	UNDERFLOOR RECEPT.	1080			1980		720 RECEPTACLES	R	20	1	12	
13	20	1	R	UNDERFLOOR RECEPT.	900	1620				720 RECEPTACLES	R	20	1	14	
15	20	1	R	UNDERFLOOR RECEPT.	900	1620				720 RECEPTACLES	R	20	1	16	
17	20	1	R	UNDERFLOOR RECEPT.	900			1620		720 RECEPTACLES	R	20	1	18	
19	20	1	M	MOTORIZED SCREEN	500	1220				720 RECEPTACLES	R	20	1	20	
21	20	1	R	FURNITURE SYSTEM RECEPT.	1440		7440			6000 COOKING RANGE	K	80	2	22	
23	20	1	R	FURNITURE SYSTEM RECEPT.	1440					6000	K			24	
25	20	1	R	FURNITURE SYSTEM RECEPT.	1080	1620				540 RECEPTACLES	R	20	1	26	
27	20	1	SPARE					540		540 RECEPTACLES	R	20	1	28	
29	20	1	SPARE					360		360 RECEPTACLES	R	20	1	30	
31	20	1	SPARE					500		500 MASTER CLOCK	C	20	1	32	
33	1		SPARE					500		500 TSP CONTROL	C	20	1	34	
35	1		SPARE					0		SPARE				36	
					VA	6380	14240	13020							
					AMPS	70	119	109							

PANEL NOTES:		LOAD SUMMARY	
1. ALL PANEL LOADS ARE EXISTING TO REMAIN, U.O.H. LOAD INFORMATION IS BASED ON THE AS BUILT SET OF ELECTRICAL DRAWINGS.			
2. NEW AND REVISED BRANCH CIRCUITS AND ASSOCIATED LOADS ARE SHOWN IN BOLD.			
CKT	LOAD TYPE AND NEC DEMAND FACTORS	PNL PA	CON SUB TITL
C	CONTINUOUS LOADS	1.0	1.0
N	NON-CONTINUOUS LOADS	0.0	0.0
R	RECEPTACLE LOADS	22.1	16.1
M	MOTOR LOADS	0.5	0.6
K	LARGEST MOTOR KVA	0.5	
	KITCHEN LOADS	12.0	12.0
	NUMBER OF APPLIANCES	1	1
TOTAL CONNECTED KVA			85.6 KVA
TOTAL DEMAND KVA			29.9 KVA
TOTAL DEMAND AMPS			83 A

(E) MAIN SWITCHBOARD 'MS'

800A, 208/120V, 3PH, 4W
50KAIC, NEMA 1
AT MAIN ELECTRIC ROOM



2 PARTIAL SINGLE LINE DIAGRAM
NOT TO SCALE

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