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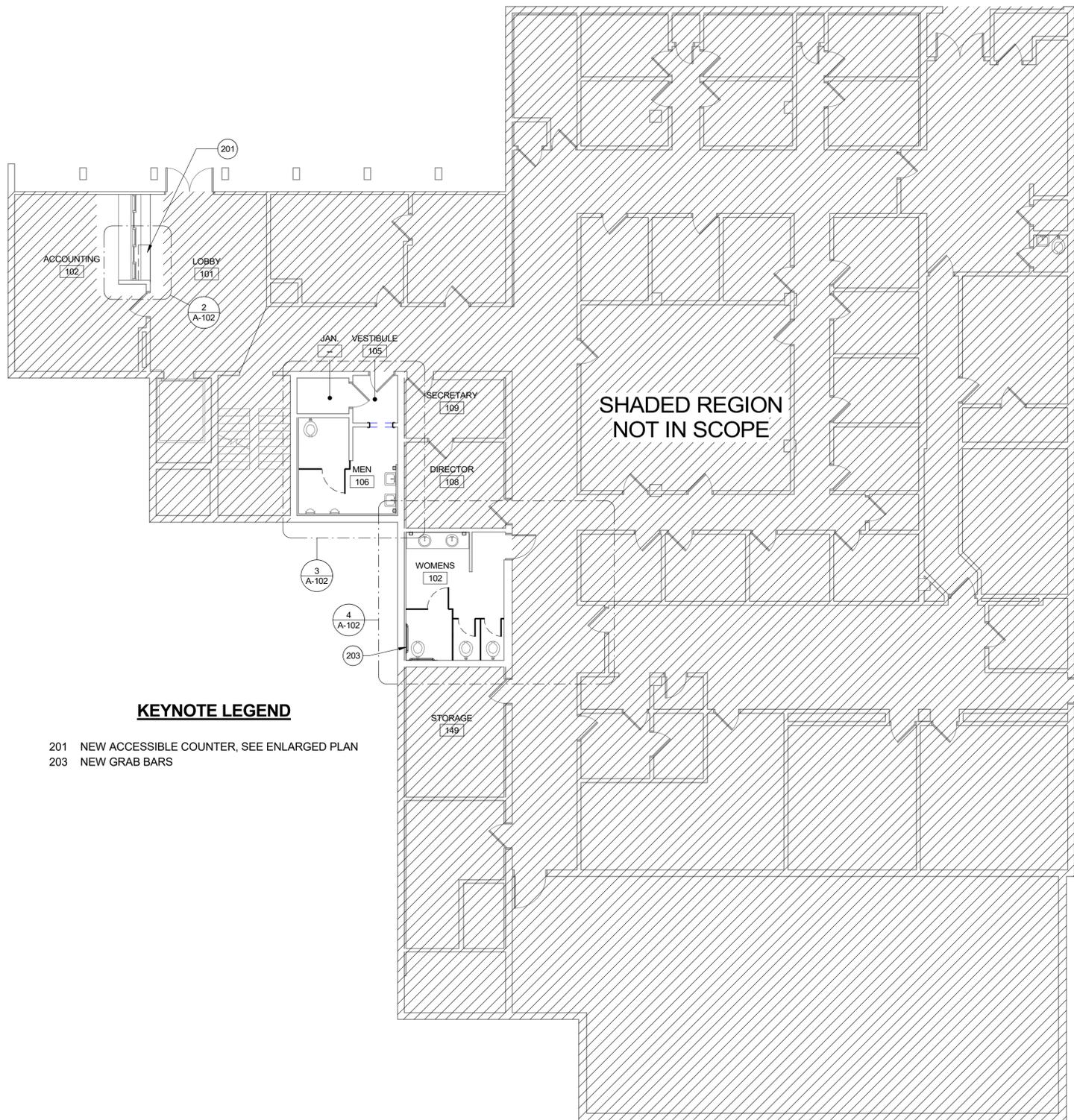
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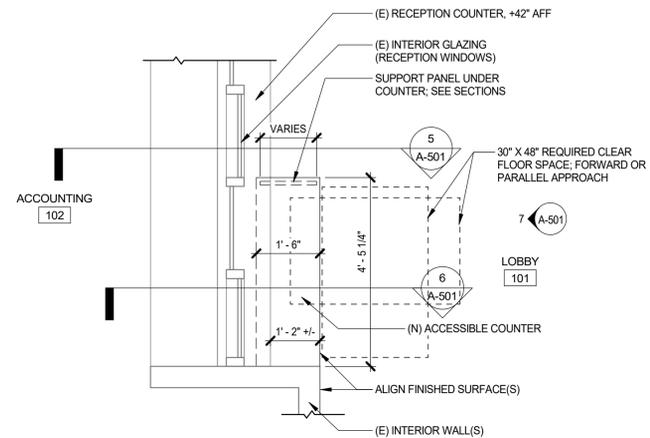
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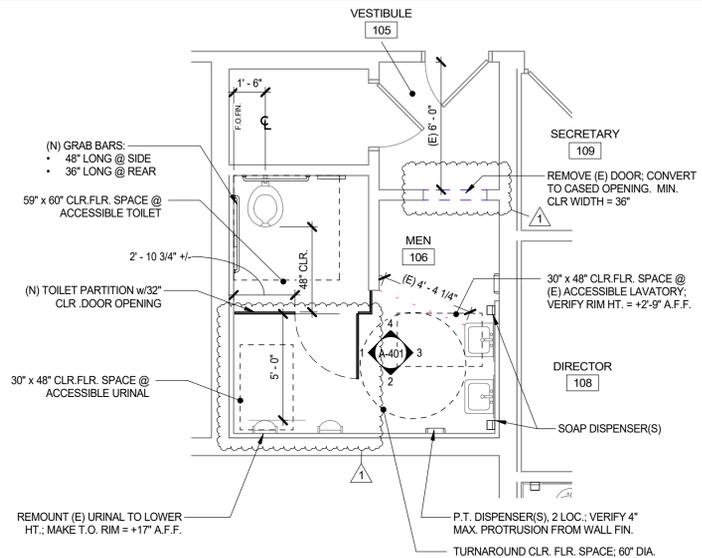
KEYNOTE LEGEND

- 201 NEW ACCESSIBLE COUNTER, SEE ENLARGED PLAN
- 203 NEW GRAB BARS

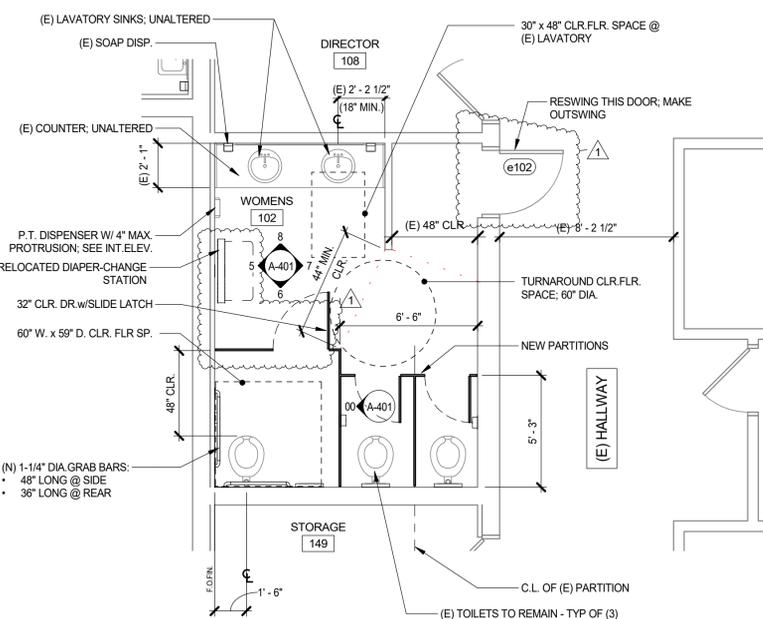
1 1ST FLOOR PLAN - NEW
1/8" = 1'-0"



2 ENLARGED PLAN - RECEPTION COUNTER
1/2" = 1'-0"



3 ENLARGED PLAN - 1ST FLR MENS RESTROOM
1/4" = 1'-0"



4 ENLARGED PLAN - 1ST FLR WOMENS RESTROOM
1/4" = 1'-0"

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	PER PLAN CHK #1	2/28/19



SEAL:
CONSULTANT:

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PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:
FIRST FLOOR PLAN - NEW

ISSUE DATE:	3/1/2019
PREPARATION AND REVIEW	
DRAWN BY:	DSP
DESIGNER:	CLB
PROJ MGR:	
PEER REVIEW:	MCK
SHEET NUMBER:	

A-102

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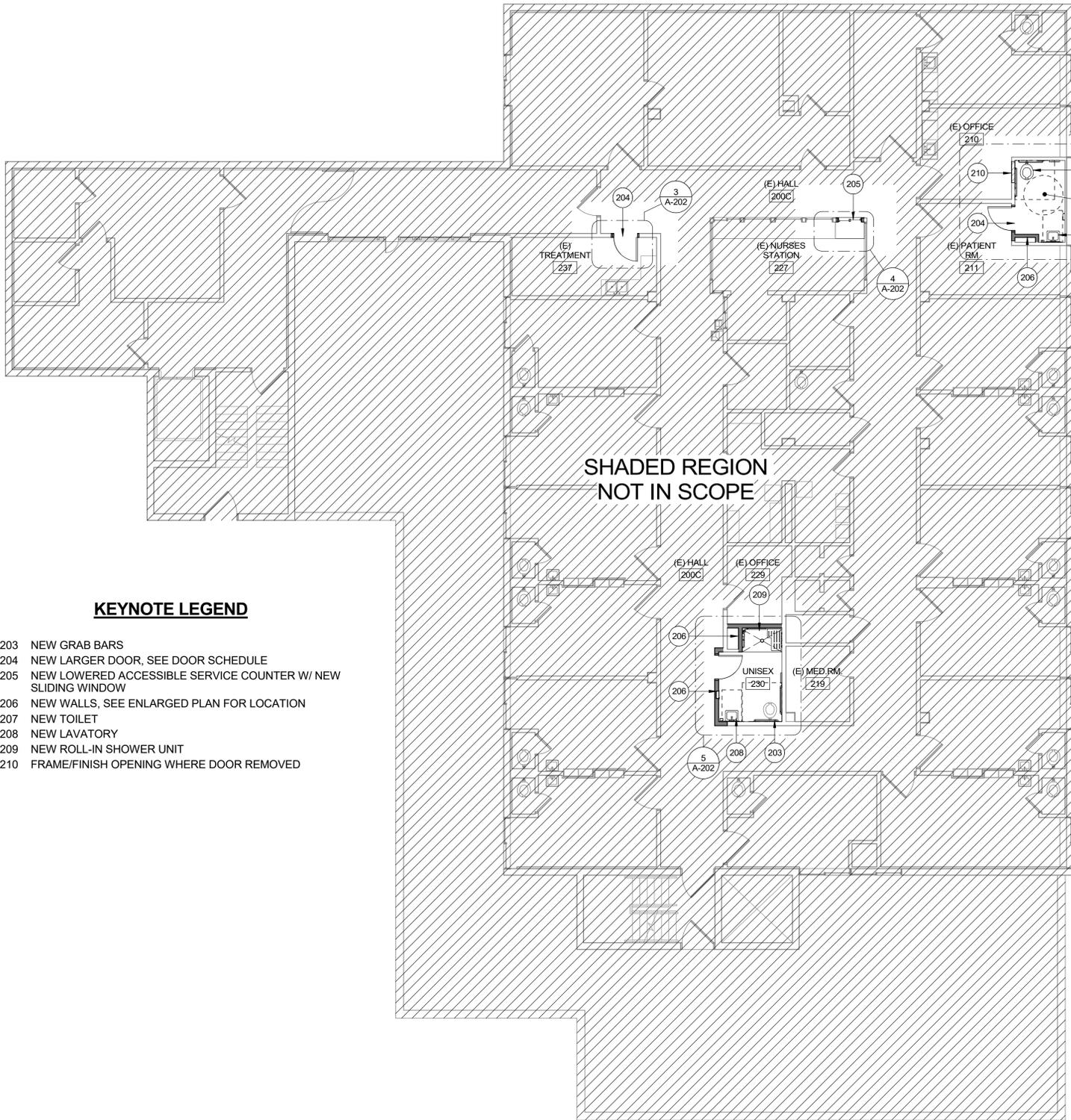
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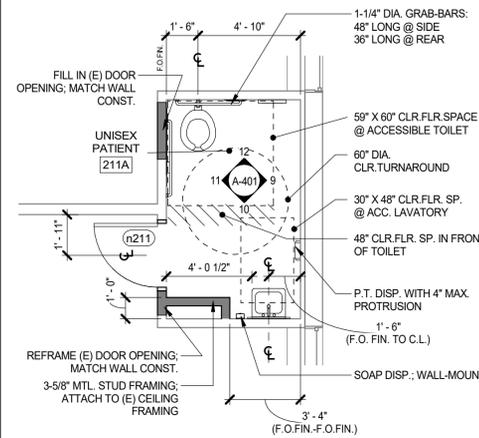
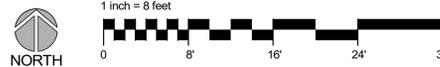


SHADED REGION
NOT IN SCOPE

KEYNOTE LEGEND

- 203 NEW GRAB BARS
- 204 NEW LARGER DOOR, SEE DOOR SCHEDULE
- 205 NEW LOWERED ACCESSIBLE SERVICE COUNTER W/ NEW SLIDING WINDOW
- 206 NEW WALLS, SEE ENLARGED PLAN FOR LOCATION
- 207 NEW TOILET
- 208 NEW LAVATORY
- 209 NEW ROLL-IN SHOWER UNIT
- 210 FRAME/FINISH OPENING WHERE DOOR REMOVED

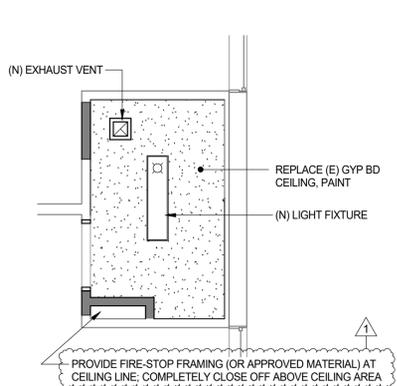
1 2ND FLOOR PLAN - NEW
1/8" = 1'-0"



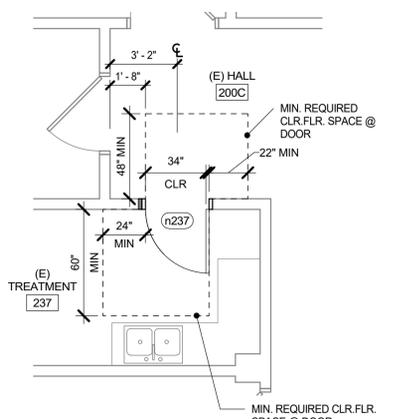
2 ENLARGED PLAN - 2ND FLR PATIENT RESTROOM
1/4" = 1'-0"

FLOOR PLAN NOTES

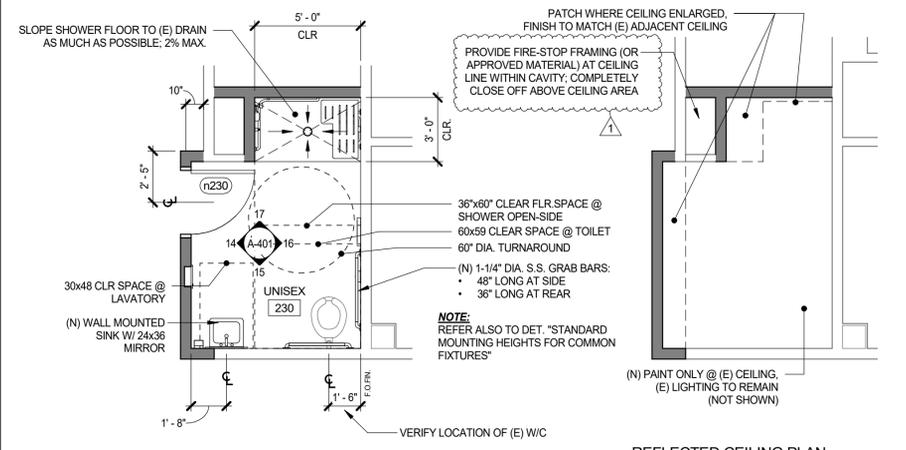
1. WHERE INDICATED, FILL (E) OPENING(S) AND MATCH ADJACENT WALL CONSTRUCTION AND FINISHES.
2. FOR MOUNTING LOCATIONS OF ALL FIXTURES & ACCESSORIES, SEE "REQUIRED MOUNTING HEIGHTS FOR COMMON FIXTURES", DET. 2/A-501
3. ROOM FINISHES:
A. CEILING = 5/8" GYP. BD. w- LEVEL 5 PAINTED SURFACE.
B. WALLS = 5/8" GYP. BD. w- LEVEL 5 PAINTED SURFACE.
C. FLOOR = SHEET VINYL w- 4" HT. COVERED BASE @ ALL WALLS.
4. ALL NEW (N) DOORS:
A. SIZE & CONSTRUCTION = 1-3/4" TH. X 3'-0" W x 7'-0" HT., SOLID CORE WOOD.
B. HARDWARE = 3 S.S. BUTT HINGES, 1 LCN CLOSER (INSIDE SURFACE MOUNT), 1 PRIVACY LOCKLATCH ("SCHLAGE" OR EQ.), SURFACE MOUNT DOOR BUMPER, AND S.S. KICKPLATE 10" HT.
C. MATCH HARDWARE FINISHES TO BUILDING STANDARD, AND EQUIP LOCK W/LEVER.
D. SEE DOOR SIGNAGE DETAILS.
- 5.



6 REFLECTED CEILING PLAN
@ 2ND FLR PATIENT RESTROOM
1/4" = 1'-0"

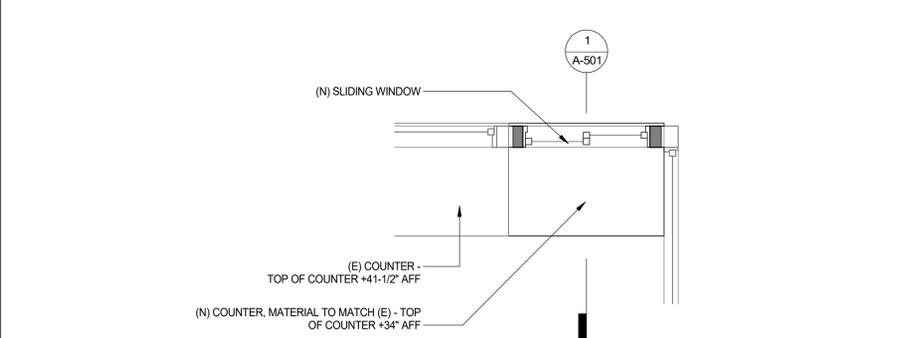


3 ENLARGED PLAN - NEW DOOR
1/4" = 1'-0"



5 ENLARGED PLAN - 2ND FLR UNISEX BATHROOM
1/4" = 1'-0"

7 REFLECTED CEILING PLAN
@ 2ND FLR UNISEX BATHROOM
1/4" = 1'-0"



4 ENLARGED PLAN - REMODELED COUNTER
1/2" = 1'-0"

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	PER PLAN CHK #1	2/28/19



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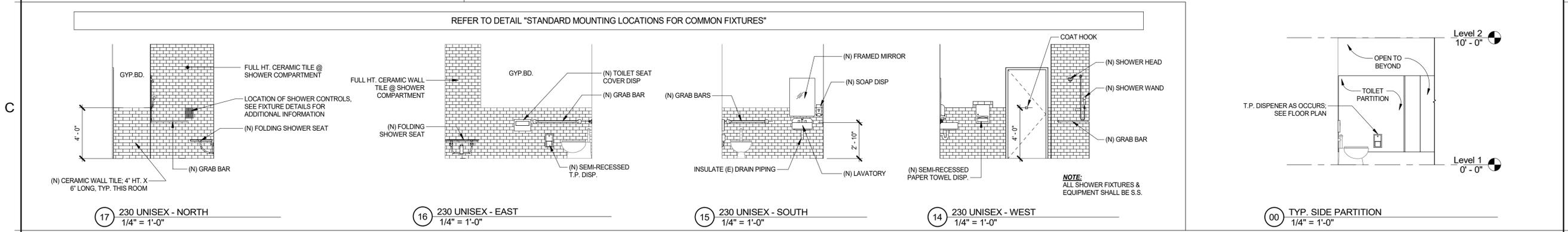
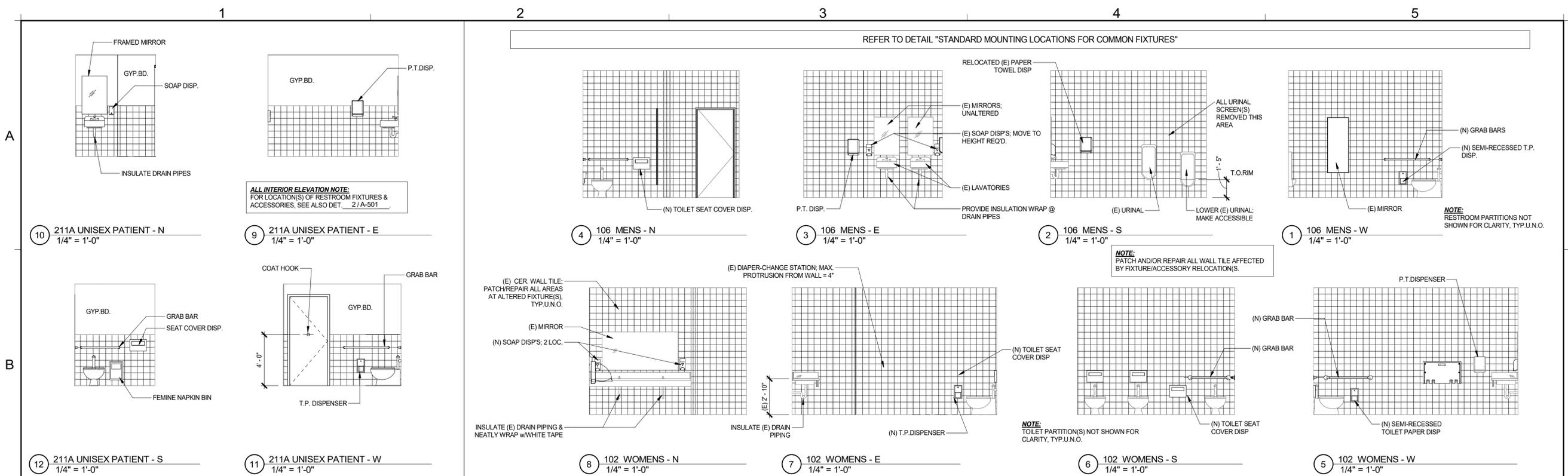
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PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:
SECOND FLOOR PLAN - NEW

ISSUE DATE: 3/1/2019
PREPARATION AND REVIEW
DRAWN BY: DSP
DESIGNER: CLB
PROJ. MGR:
PEER REVIEW: MCK
SHEET NUMBER:

A-202



NUMBER	ROOM NAME	FLOORING	BASE		WAINSCOT		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING			REMARKS
			MATERIAL	HT.	MAT/FINISH	HT.	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HT.	
102	WOMENS	(E) TILE	N/A	N/A	N/A	N/A	(E) CERAMIC TILE	(E) 'BLUE'	(E) GYP. BD.	PAINT	(E)							
106	MEN	(E) TILE	N/A	N/A	N/A	N/A	(E) CERAMIC TILE	(E) 'BLUE'	(E) GYP. BD.	PAINT	(E)							
211A	UNISEX PATIENT	24" X 24" TILE	N/A	N/A	4 X 4 CERAMIC TILE	48" (ALL WALLS)	GYP. BD.	PAINT	GYP. BD.	PAINT	MATCH (E)							
230	UNISEX	24" X 24" TILE	N/A	N/A	3 X 6 CERAMIC TILE	48" (ALL WALLS)	GYP. BD.	PAINT	GYP. BD.	PAINT	MATCH (E)	FULL HT. WALL TILE @ SHOWER						

MARK	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	GLASS	FRAME					STC RATING	FIRE RATING	HARDWARE SET	REMARKS
								MAT.	FIN.	HEAD	JAMB	THRESH.				
e102	3' - 0"	7' - 0"	0' - 1 3/4"	(E)	(E) SCW	REDO TRANSPARENT	N/A	(E) H.M.	REDO PAINT	--	--	--	(E)	(E)	HS-01W	
n211	3' - 0"	7' - 0"	0' - 1 3/4"	A	S.C.WD.	TRANSPARENT	N/A	H.M.	PAINT	--	--	NONE	NONE	NONE	HS-02PR	MATCH FINISHES TO BUILDING STANDARD DOOR
n230	3' - 0"	7' - 0"	0' - 1 3/4"	A	S.C.WD.	TRANSPARENT	N/A	H.M.	PAINT	--	--	NONE	MATCH (E)	MATCH (E)	HS-02U	MATCH FINISHES TO BUILDING STANDARD DOOR
n237	3' - 0"	7' - 0"	0' - 1 3/4"	A	S.C.WD.	TRANSPARENT	N/A	H.M.	PAINT	--	--	NONE	MATCH (E)	MATCH (E)	HS-02TR	MATCH FINISHES TO BUILDING STANDARD DOOR

SET #	HANGING	LOOK FUNCTION	LOOK/LATCH MANUF. & MODEL #	ANGULAR LOCK	SECURITY	CLOSER	STOP/HOLD-OPEN	PROTECTION	PERIMETER SEAL	BOTTOM SEAL	ACCESSORY
HS-01W	3 EA. 'HAGER' S.S. 4.5" BUTT HINGES	PUSH/PULL	REPLACE (E) PUSH/PULL PLATES	--	NONE	LCN (INSIDE MOUNT)	WALL BUMPER	10" S.S. KICKPLATE (MATCH DOOR WIDTH)	--	NONE	--
HS-01M		PASSAGE	SCHLAGE ND10S WITH LEVER HANDLE	--		LCN (INSIDE MOUNT)		10" S.S. KICKPLATE (MATCH DOOR WIDTH)	--		--
HS-02PR		HOSPITAL PRIVACY	SCHLAGE ND44S WITH LEVER HANDLE	--		--		--	--		ROBE HOOK @ +66" A.F.F. ROBE HOOK @ +48" A.F.F.
HS-02U		HOSPITAL PRIVACY	SCHLAGE ND44S WITH LEVER HANDLE	--		LCN (INSIDE MOUNT)		10" S.S. KICKPLATE (MATCH DOOR WIDTH)	HEAD & JAMBS		ROBE HOOK @ +66" A.F.F. ROBE HOOK @ +48" A.F.F.
HS-02TR		PASSAGE	SCHLAGE ND10S WITH LEVER HANDLE	--		--		10" S.S. KICKPLATE (MATCH DOOR WIDTH)			--

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE



CONSULTANT:

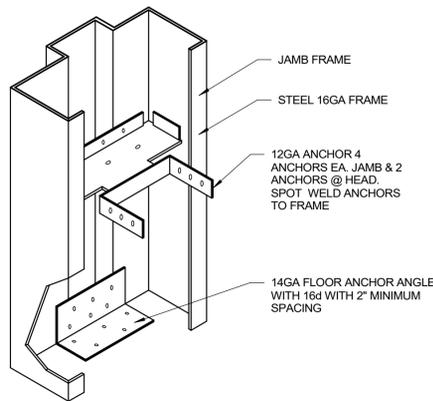
BrokawDesign
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ROHNERT PARK, CA 94927
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PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

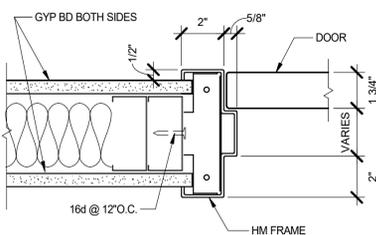
SHEET NAME:
INTERIOR ELEVATIONS

ISSUE DATE: 3/1/2019
PREPARATION AND REVIEW
DRAWN BY: Author
DESIGNER: Designer
PROJ MGR: ROBE HOOK @ +66" A.F.F.
PEER REVIEW: Checker
SHEET NUMBER:

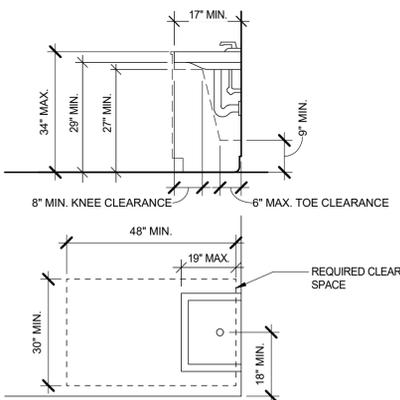
A-401



3 HOLLOW METAL DOOR FRAME ANCHORAGE
6" = 1'-0"

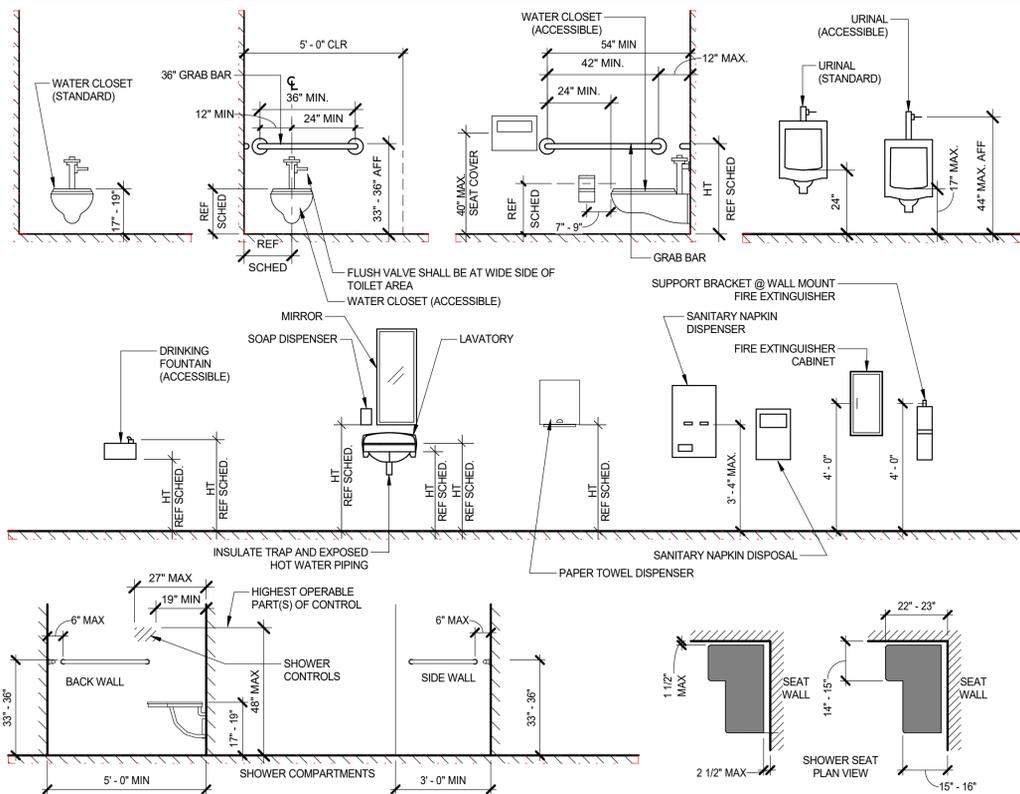


4 INTERIOR - DOOR JAMB METAL STUD (HEAD SIM)
3" = 1'-0"



8 LAVATORY CLEAR SPACE
1/2" = 1'-0"

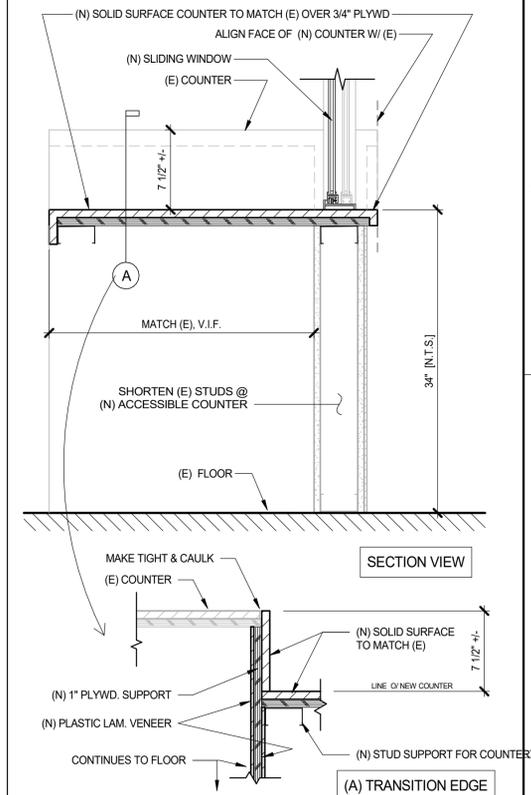
REQUIRED MOUNTING HEIGHTS for COMMON FIXTURES



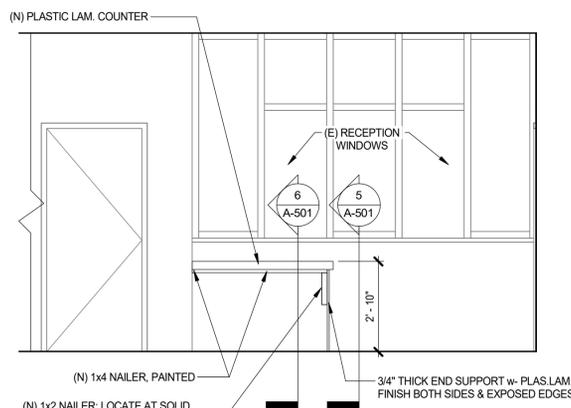
FIXTURE	DIMENSION
TOILET CENTER LINE FROM WALL	17" - 18"
TOILET SEAT HEIGHT (TOP OF SEAT)	17" - 19"
GRAB BAR HEIGHT	33" - 36" AFF
TOILET PAPER DISPENSER IN FRONT OF TOILET: 3" MAXIMUM PROTRUSION BEYOND WALL AND NO CLOSER THAN 1-1/2" TO TANGENT POINT ON THE GRAB BAR	7" - 9"
TOILET PAPER DISPENSER HEIGHT (POINT OF DISPENSING)	19"
NAPKIN DISPOSAL IN FRONT OF TOILET	1'-0" MAX.
DISPENSER OR MIRROR HEIGHT (BOTTOM EDGE OF REFLECTED EDGE OR OPERABLE FUNCTION OF DISPENSER)	3'-4" MAX.
LAVATORY SINK TOP HEIGHT	2'-10" MAX.
LAVATORY SINK KNEE CLEARANCE	2'-3" MIN.
URINAL LIP HEIGHT	1'-5" MAX.
URINAL FLUSH HANDLE HEIGHT	3'-8" MAX.
URINAL RIM TO PROJECT 14" MIN FROM BACK WALL	3'-0" MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT (ACCESSIBLE)	2'-3" MIN.
DRINKING FOUNTAIN KNEE CLEARANCE (ACCESSIBLE)	2'-3" MIN.
DISPLAY BOARD(S): MARKER, CHALK TACK, etc.	3'-0" (to bot. edge)

- NOTES:
- ALL FIXTURES AND ACCESSORIES ARE ACCESSIBLE UNLESS OTHERWISE NOTED OR DIMENSIONED.
 - SEE ENLARGED TOILET PLAN DRAWINGS FOR TOILET ACCESSORY LOCATIONS.
 - ALL ACCESSORIES ARE TO BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 3'-4" FROM FLOOR TO CENTER OF FUNCTIONAL POINT.
 - BACKING IS REQD. FOR INSTALLATION OF GRAB BARS; MUST RESIST 250 LBS.
 - BACKING IS REQUIRED FOR MOUNTING OF ALL FIXTURES.

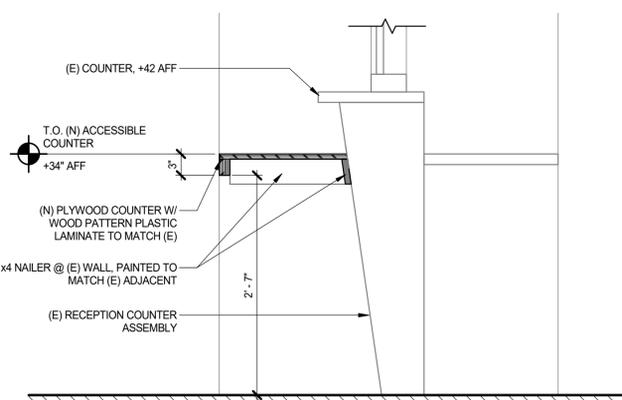
2 REQUIRED MOUNTING HEIGHTS for COMMON FIXTURES
3/8" = 1'-0"



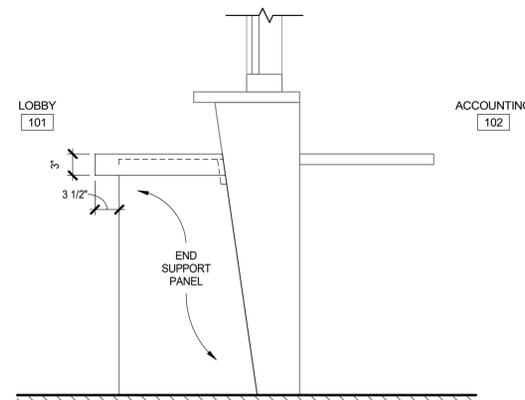
1 ACCESSIBLE COUNTER
1 1/2" = 1'-0"



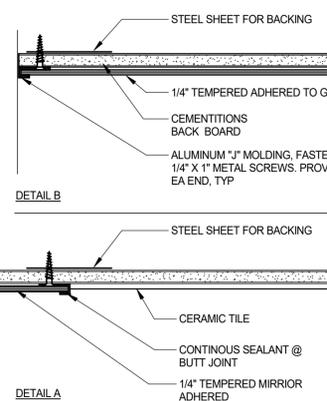
7 ACCESSIBLE COUNTER ELEVATION
3/8" = 1'-0"



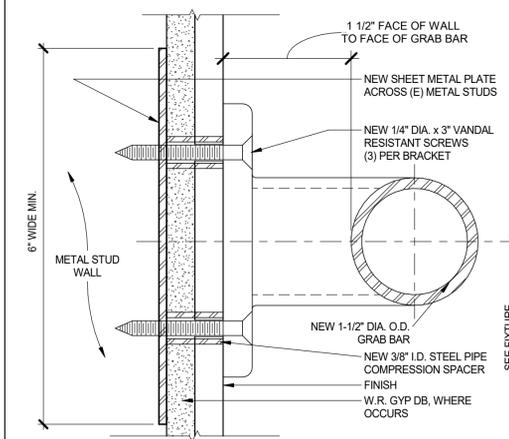
6 ACCESSIBLE COUNTER SECTION
1" = 1'-0"



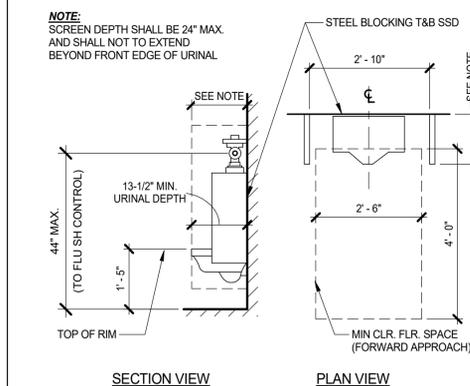
5 ACCESSIBLE COUNTER END PANEL DETAIL
1" = 1'-0"



11 MIRROR ATTACHMENT
3" = 1'-0"



10 GRAB BAR REINFORCEMENT
12" = 1'-0"



9 ACCESSIBLE URINAL
1/2" = 1'-0"

REVISION SCHEDULE

NO.	DESCRIPTION	DATE



CONSULTANT:

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PROJECT:

MENTAL HEALTH CENTER
ACCESSIBILITY MODIFICATIONS

720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:

DETAILS

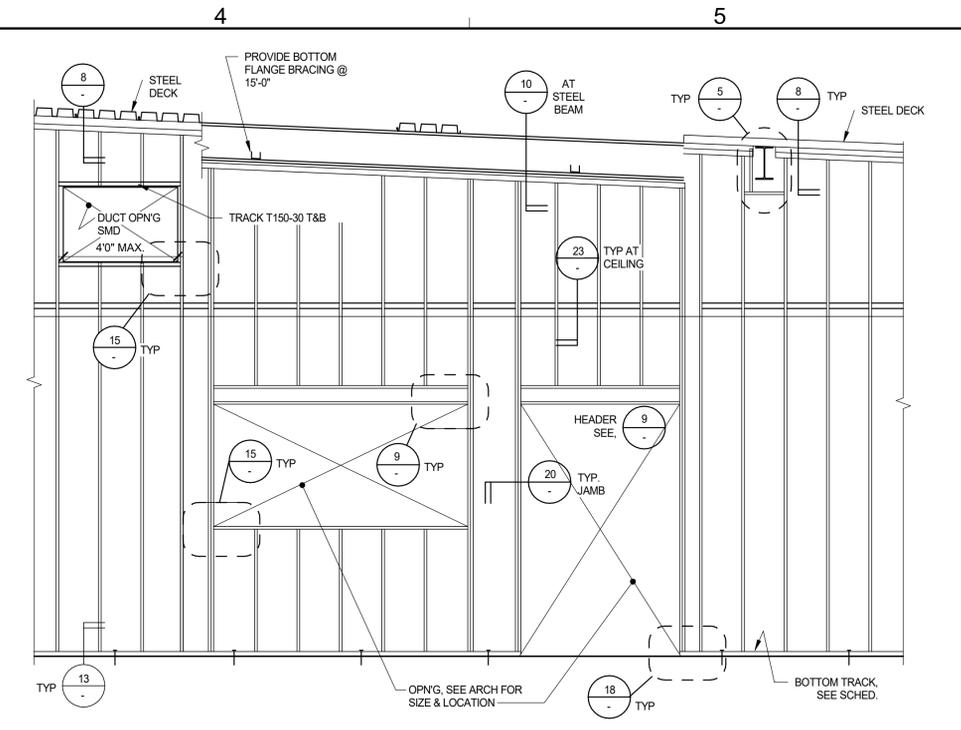
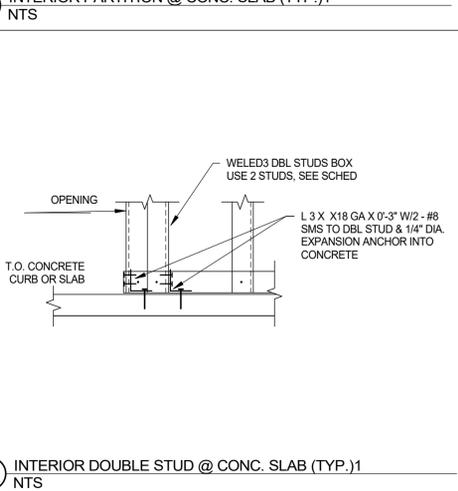
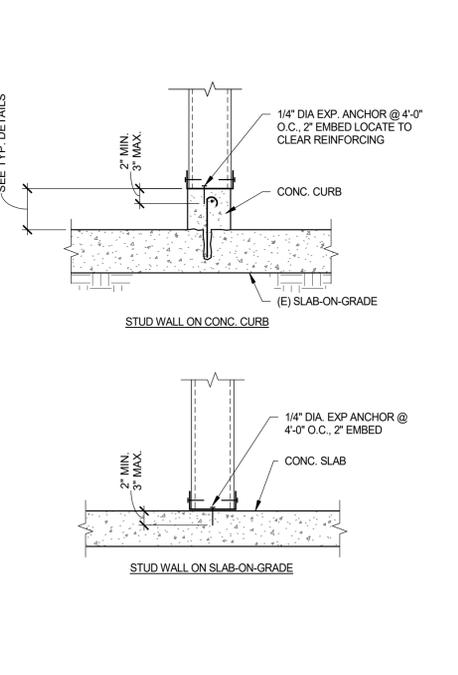
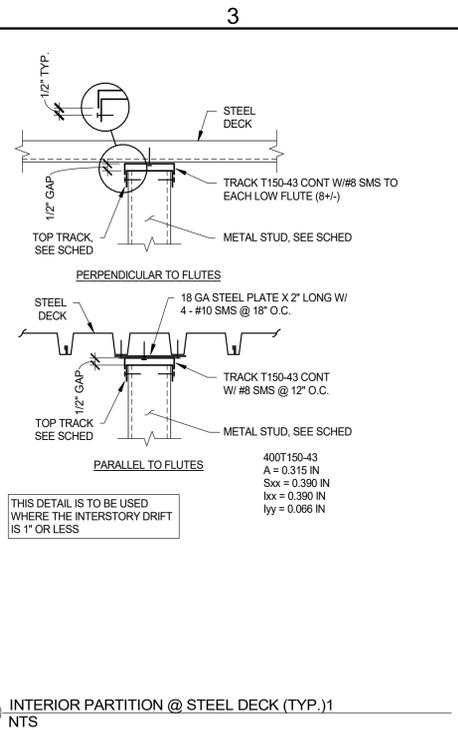
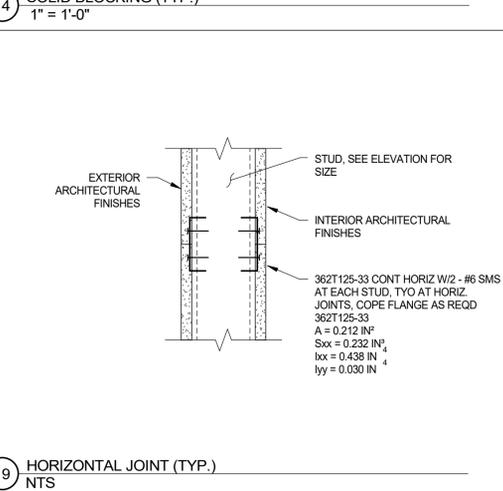
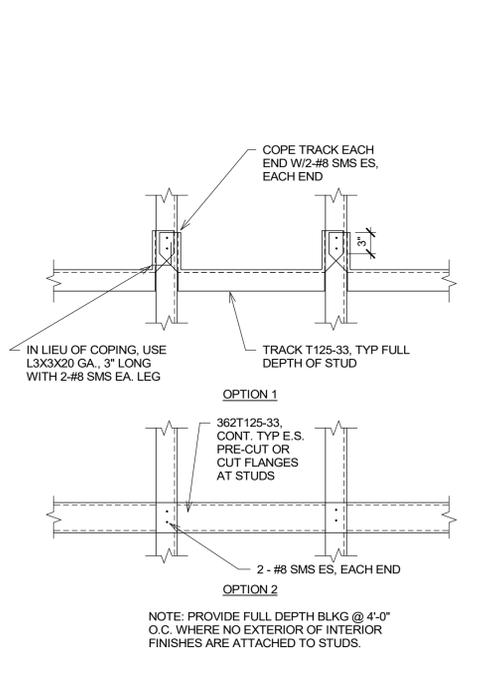
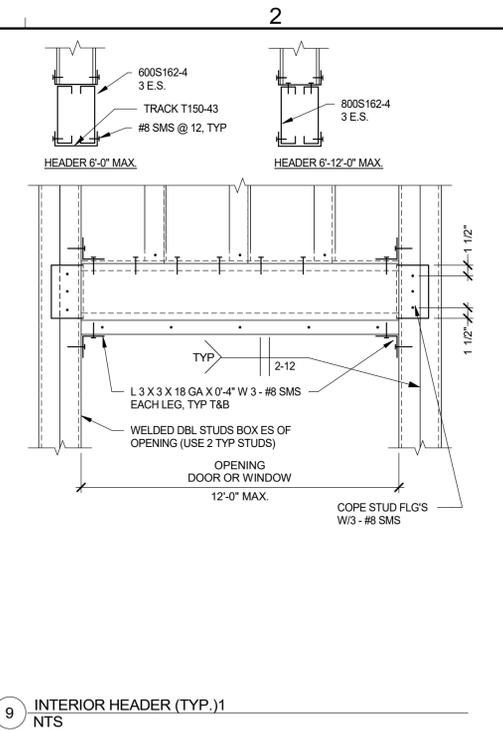
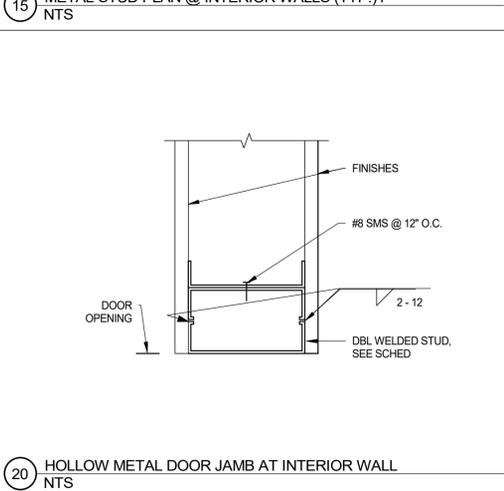
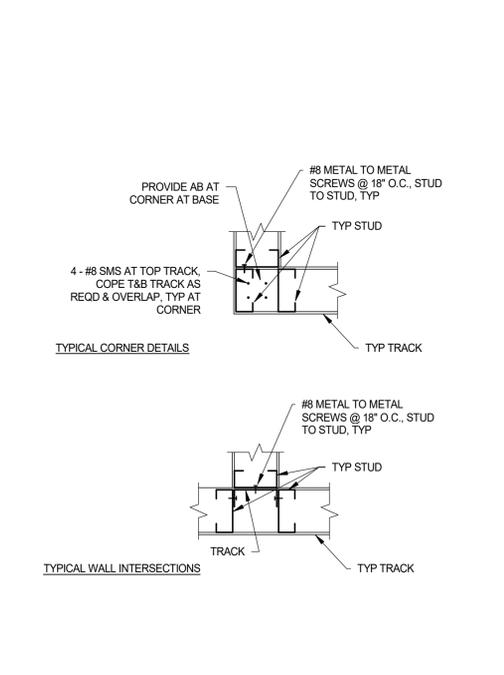
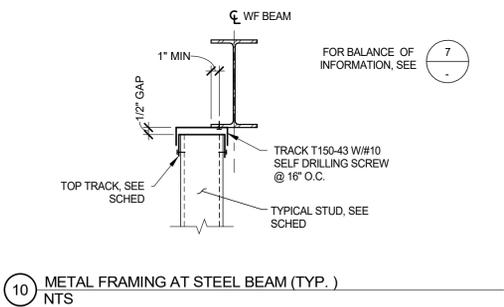
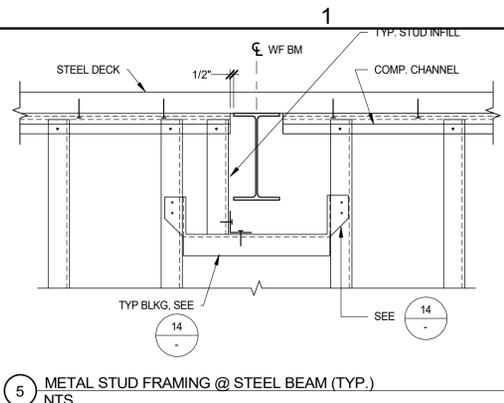
ISSUE DATE: 3/1/2019

PREPARATION AND REVIEW

DRAWN BY:	DSP
DESIGNER:	CLB
PROJ MGR:	CLB
PEER REVIEW:	MCK

SHEET NUMBER:

A-501



TYPICAL METAL STUD AND TRACK TYPE AND PROPERTIES TABLE

FOR METAL STUDS NOT NOTED IN THIS TABLE, SEE PARTICULAR DETAIL WHERE REFERENCED.

MEMBER	DESIGNATION	GAGE	SECTION PROPERTIES			YIELD STRENGTH
			I _x (in ⁴)	S _x (in ³)	A(in ²)	
3 5/8\" STUD WALL						
TYPICAL STUD (H<17'-0")	362S162-33	20	0.551	0.304	0.262	33 (ASTM A446 GRADE A)
TYPICAL STUD (17'-0">H<21'-0")	362S162-43	18	0.710	0.392	0.340	33 (ASTM A446 GRADE A)
TYPICAL TOP TRACK	362T200-33	20	0.619	0.328	0.264	33 (ASTM A446 GRADE A)
TYPICAL BOTTOM TRACK	362T125-33	20	0.438	0.232	0.212	33 (ASTM A446 GRADE A)
4\" STUD WALL						
TYPICAL STUD (H<17'-0")	400S137-33	20	0.603	0.301	0.249	33 (ASTM A446 GRADE A)
TYPICAL STUD (17'-0">H<21'-0")	400S162-43	18	0.892	0.446	0.357	33 (ASTM A446 GRADE A)
TYPICAL TOP TRACK	400T200-33	20	0.812	0.406	0.310	33 (ASTM A446 GRADE A)
TYPICAL BOTTOM TRACK	400T125-33	20	0.549	0.265	0.225	33 (ASTM A446 GRADE A)
6\" STUD WALL						
TYPICAL STUD (H<17'-0")	600S137-33	20	1.582	0.527	0.318	33 (ASTM A446 GRADE A)
TYPICAL STUD (17'-0">H<21'-0")	600S162-33	20	1.793	0.598	0.344	33 (ASTM A446 GRADE A)
TYPICAL TOP TRACK	600T200-33	20	1.913	0.622	0.346	33 (ASTM A446 GRADE A)
TYPICAL BOTTOM TRACK	600T125-33	20	1.428	0.465	0.294	33 (ASTM A446 GRADE A)

SEISMIC NOTES for INTERIOR NON-STRUCTURAL METAL STUD WALLS

- ALL INTERIOR PARTITION WALLS TOP TRACKS SHALL BE ABLE MOVE TO ACCOMMODATE 1/2" VERTICAL DISPLACEMENT OF THE UPPER FLOORS OR ROOF FRAMING AND HORIZONTAL MOVEMENT FROM INTERSTORY DRIFT.
- THE INTERIOR METAL STUD WALLS SHALL BE CONSTRUCTED TO ACCOMMODATE THE BUILDING'S ALLOWABLE HORIZONTAL INTERSTORY DRIFT OF INACCORDANCE WITH 2010 CBC AND ASCE 7-10, CHAPTER 12, SECTION 12.12.1. THE ALLOWABLE INTERSTORY SHALL NOT EXCEED THE VALUES OF TABLE 12.12-1.
- THE ALLOWABLE HORIZONTAL INTERSTORY FOR THIS BUILDING IS _____ INCH AT EACH LEVEL.
- THE INTERIOR PARTITION WALLS ARE ASSUMED TO BE FIXED TO THE FLOOR AND ALLOWED TO MOVE AT THE TOP OF WALL FOR IN PLANE MOVEMENT AND THE INTERIOR PARTITION WALL IS ALLOWED TO ROCK FOR OUT-OF-PLANE MOVEMENT.
- THE HORIZONTAL MOVEMENT FOR SHALL BE ACCOMPLISH USING DOUBLE TRACK TOP OF WALLS FOR DRIFT UP TO 1". FOR HIGH INTERSTORY DRIFTS, SUCH AS BUILDING WITH MOMENT FRAMES, THE HORIZONTAL MOVEMENT SHALL BE ACCOMPLISH USING DOUBLE ANGLE AS SHOWN IN DETAIL _____.
- THE CONTRACTOR SHALL NOT USED ANY SINGLE TRACK THAT ALLOWS FOR ONLY VERTICAL DISPLACEMENT.

INFORMATION SHOWN ON THIS SHEET
APPLIES ONLY
TO NON-BEARING INTERIOR PARTITION(S).

REVISION SCHEDULE

NO.	DESCRIPTION	DATE



CONSULTANT:

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PROJECT:

MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS

720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:

METAL WALL FRAMING DETAILS

ISSUE DATE: 3/1/2019
PREPARATION AND REVIEW
DRAWN BY: mck
DESIGNER: CLB
PROJ MGR:
PEER REVIEW: --
SHEET NUMBER:

A-503

COUNTY OF HUMBOLDT

HUMBOLDT COUNTY MENTAL HEALTH BUILDING ACCESSIBILITY UPGRADES EUREKA, CALIFORNIA

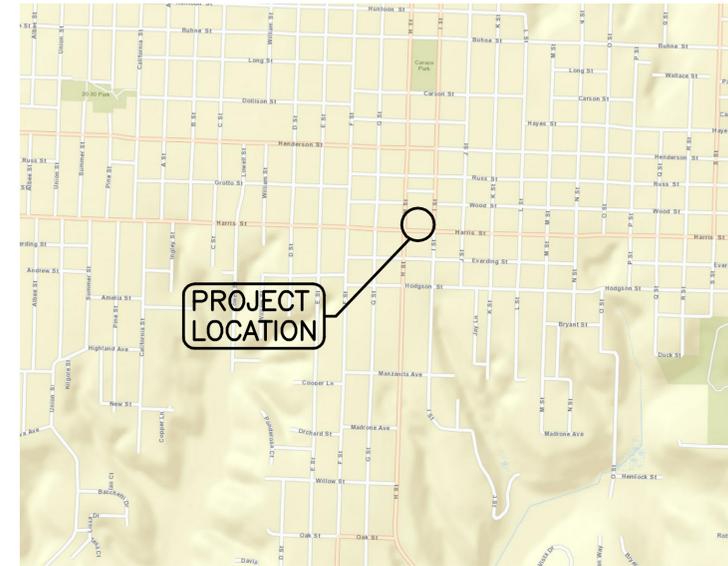
PREPARED BY:



JANUARY 2019



INDEX OF SHEETS		
SEQ	SHEET	TITLE
1	G-1	COVER
2	G-2	STANDARD ABBREVIATIONS AND LEGENDS
3	G-3	PROJECT NOTES & SPECIFICATIONS
4	G-4	EROSION CONTROL NOTES AND DETAILS
5	C-1	DEMOLITION PLAN
6	C-2	SITE LAYOUT PLAN
7	C-3	GRADING AND DRAINAGE PLAN
8	C-4	DETAILS



SAVED: 1/15/2019 1:53 PM CNEWELL, PLOTTED: 1/15/2019 1:54 PM CHRIS D. NEWELL
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COUNTY OF HUMBOLDT HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES EUREKA, CALIFORNIA COVER	
SHEET	G-1
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DATE	01/2019
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ABBREVIATIONS

A	ABN — ABANDON	G	GA — GAS
ABS — ACRYLONITRILE-BUTADIENE-STYRENE	GALV — GALVANIZED	GC — GAGE	RC — RELATIVE COMPACTION
AB — ANCHOR BOLT, AGGREGATE BASE	GIP — GALVANIZED IRON PIPE	GM — GAS METER	RCP — REINFORCED CONCRETE PIPE
AC — ASPHALTIC CONCRETE	GM — GAS METER	GPD — GALLONS PER DAY	RD — ROAD
ACP — ASBESTOS CEMENT PIPE	GPH — GALLONS PER HOUR	GPM — GALLONS PER MINUTE	RDCR — REDUCER
ACI — AMERICAN CONCRETE INSTITUTE	GPM — GALLONS PER MINUTE	GRD — GRADE OR GROUND	RWD — REDWOOD
ADJ — ADJUSTABLE	GRD — GRADE OR GROUND	GSP — GALVANIZED STEEL PIPE	REF — REFER OR REFERENCE
AGGR — AGGREGATE	GV — GATE VALVE	GYP — GYPSUM	REIN — REINFORCED, REINFORCING OR REINFORCE
AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION	H		REO — REQUIRED
AL — ALUMINUM	HB — HOSE BIBB		RET — RETURN
ALT — ALTERNATE	HDPE — HIGH DENSITY POLYETHYLENE		RH — RIGHT HAND
AP — ANGLE POINT	HDR — HEADER		RM — ROOM
APPROX — APPROXIMATELY	HDW — HARDWARE		RO — ROUGH OPENING
ARCH — ARCHITECTURAL	HMA — HOT MIX ASPHALT		RSP — ROCK SLOPE PROTECTION
ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS	HOR — HORIZONTAL		RT — RIGHT OR RING TIGHT
AUTO — AUTOMATIC	HP — HORSEPOWER, HIGH POINT		R/W — RIGHT OF WAY
AUX — AUXILIARY	HR — HOUR		RWL — RAIN WATER LEADER
AT — AT	HT — HEIGHT		
B	HTW — HOT WATER		
BC — BEGIN CURVE	HWR — HOT WATER RETURN		
BCR — BEGIN CURB RETURN	HWS — HOT WATER SUPPLY		
BD — BOARD			
BF — BLIND FLANGE			
BFV — BUTTERFLY VALVE			
BK — BOOK OR BACK			
BLDG — BUILDING			
BM — BENCH MARK, BEAM			
BMP — BEST MANAGEMENT PRACTICE			
BO — BLOW OFF			
BOT — BOTTOM			
BRG — BEARING			
BTWN — BETWEEN			
BV — BALL VALVE			
BVC — BEGINNING OF VERTICAL CURVE			
BW — BACK OF WALK			
BWV — BACKWATER VALVE			
C			
C — CHANNEL (STRUCTURAL SHAPE)			
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE			
CATV — CABLE TELEVISION			
CB — CATCH BASIN			
CEIL — CEILING			
CFM — CUBIC FEET PER MINUTE			
CFS — CUBIC FEET PER SECOND			
CHEM — CHEMICAL			
CI — CAST IRON			
CIP — CAST IRON PIPE			
C.I.P. — CAST IN PLACE			
CJ — CONSTRUCTION JOINT			
CLR — CLEAR			
CMP — CENTERLINE			
CMU — CORRUGATED METAL PIPE			
CTSK — CONCRETE MASONRY UNIT			
CO — COUNTERSINK			
COL — COLUMN			
CONC — CONCRETE			
CONT — CONTINUOUS OR CONTINUED			
COORD — COORDINATE			
CPLG — COUPLING			
CRS — COLD ROLLED STEEL			
CTR — CENTER			
CTS — COPPER TUBE SIZE			
CU — CUBIC			
CU FT — CUBIC FEET			
CV — CHECK VALVE			
CW — COLD WATER			
CY — CUBIC YARD			
D			
d — DEGREE (ANGLE)			
D — PENNY (NAIL SIZE)			
DB — STORM DRAIN			
DBL — DISTRIBUTION BOX			
DF — DOUBLE			
DF — DOUGLAS FIR			
DI — DROP INLET OR DUCTILE IRON			
DIA — DIAMETER			
DIAG — DIAGONAL			
DIM — DIMENSION			
DIMJ — DIMENSION			
DIP — DUCTILE IRON MECHANICAL JOINT			
DIP — DUCTILE IRON PIPE			
DET — DETAIL			
DWG — DRAWING			
DW — DRIVEWAY			
E			
(E) — EXISTING			
E — EASTING OR EAST			
EA — EACH			
EC — END CURVE			
ECR — END CURB RETURN			
EF — EACH FACE			
EFL — EFFLUENT			
EG — EXISTING GRADE/GROUND			
ELB — ELBOW			
ELEC — ELECTRIC OR ELECTRICAL			
ELEV — ELEVATION			
ENGR — ENGINEER			
EP — EDGE OF PAVING			
EQ — EQUAL			
EQUIP — EQUIPMENT			
ER — EDGE OF ROAD			
EVC — END OF VERTICAL CURVE			
EW — EACH WAY			
EWEF — EACH WAY, EACH FACE			
EXC — EXCAVATE			
EXP — EXPOSED OR EXPANSION			
EXP JT — EXPANSION JOINT			
EXST — EXISTING			
EXT — EXTERIOR			
F			
F — FLANGE			
FC — FLEXIBLE COUPLING			
FCA — OR FACE OF CURB			
FD — FLANGED COUPLING ADAPTER			
FD — FLOOR DRAIN			
FDC — FIRE DEPARTMENT CONNECTION			
FDN — FOUNDATION			
FF — FINISH FLOOR			
FG — FINISHED GRADE			
FH — FIRE HYDRANT			
FIG — FIGURE			
FIN — FINISH			
FIP — FEMALE IRON PIPE			
FL — FLOW LINE			
FLG — FLANGE			
FLTR — FILTER			
FO — FIBER OPTIC			
FOC — FACE OF CONCRETE			
FT — FOOT OR FEET			
FT2 — SQUARE FEET			
FT3 — CUBIC FEET			
FTG — FOOTING			
FUT — FUTURE			

CURVE DATA

R (RADIUS)
 L (LENGTH)
 Δ (DELTA)
 T (TANGENT)

UTILITIES LEGEND

PROPOSED	EXISTING		
		GATE VALVE	
		PLUG VALVE	
		BALL VALVE	
		BUTTERFLY VALVE	
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)	
		3-WAY VALVE	
		GLOBE VALVE	
		ANGLE VALVE	
		PRESSURE REGULATING VALVE	
		PRESSURE RELIEF VALVE	
		CHECK VALVE	
		AIR OR VACUUM RELEASE VALVE	
		AIR AND VACUUM VALVE	
		COMBINATION AIR VALVE	
		FLOW METER	
		HOSE BIBB (NF= NON-FREEZE)	
		REDUCER	
		FIRE HYDRANT	
		DROP INLET	
		MANHOLE	
		SEWER CLEAN OUT OR SEWER LATERAL	
		UNDERGROUND ELECTRICAL	
		OVERHEAD ELECTRICAL	
		FIBER OPTIC LINE	
		CABLE TELEVISION	
		JOINT UTILITIES	
		UNDERGROUND TELEMETRY LINE	
		OVERHEAD TELEMETRY LINE	
		UNDERGROUND TELEPHONE LINE	
		OVERHEAD TELEPHONE LINE	
		FIRE WATER LINE	
		STEAM LINE	
		WATER LINE	SIZE AND MATERIAL OF EXISTING PIPING MAY BE SHOWN WHEN KNOWN.
		SANITARY SEWER LINE	
		STORM DRAIN LINE	
		GAS LINE	SIZE AND MATERIAL OF NEW PIPING MAY BE SHOWN ON PLAN OR IN PROFILE.
		FORCE MAIN AND DIRECTION OF FLOW	
		CULVERT	
		POLE MOUNTED ROADWAY LUMINAIRE	
		ITEM TO BE REMOVED	
		ITEM TO BE ABANDONED IN PLACE	
		WATER SERVICE— WM-1= SINGLE WM-2= DUAL	
		PULL BOX AND DESIGNATION	
		SIGN AND DESIGNATION	

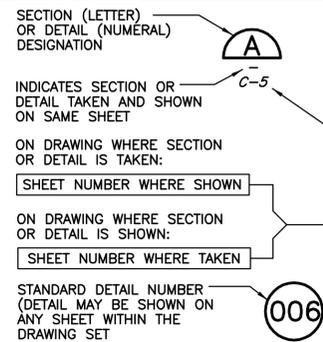
NOTES

- CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
- THIS IS A STANDARD SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
- SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

TOPOGRAPHIC LEGEND

PROPOSED	EXISTING	
		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY

DETAIL AND SECTION DESIGNATION



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COUNTY OF HUMBOLDT
 HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
 EUREKA, CALIFORNIA

STANDARD ABBREVIATIONS AND LEGENDS

SHEET G-2
 SEQ
 DATE 01/2019
 PROJ. NO. 018077.100

1/3/19

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO CURRENT CALIFORNIA BUILDING CODE.
2. THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDED SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE A COPY OF THE TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
5. CONTRACTOR SHALL PERFORM TRENCH WORK IN CONFORMANCE WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS AND SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND OTHER APPLICABLE AGENCIES.
6. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. ALL WORK AND EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER AND HIS/HER CONSULTANTS.
7. THE CONTRACTOR SHALL INDEPENDENTLY REVIEW GROUND, TOPOGRAPHY AND TREE CONDITIONS THROUGHOUT THE SITE, AND ASSUME THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE OR OTHER CONDITIONS WHICH MAY BE ENCOUNTERED IN THE COURSE OF THE WORK.
8. ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS, OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
9. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED TESTED AND APPROVED PRIOR TO PAVING.
10. THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS BEFORE DIGGING AT (800) 227-2600 FOR LOCATES.
11. GRADING AND CONSTRUCTION CONTRACTORS SHALL STOP WORK AND NOTIFY THE OWNER AND THE ENGINEER IF CULTURAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION.
13. THE CONTRACTOR SHALL GIVE THE INSPECTOR 48 HOURS ADVANCE NOTICE OF ANY CONSTRUCTION OR REQUIRED TESTING.
14. SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER OR DISCOVER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
15. THE TOPSOIL SHALL BE REMOVED FROM CUT AND FILL AREAS AND SHALL NOT BE USED FOR ENGINEERED FILL. TOPSOIL SHALL BE STOCKPILED SEPARATELY AND REPLACED OVER AREAS OF EXPOSED SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES.
16. NO CHANGES OR MODIFICATIONS SHALL BE MADE TO THESE PLANS WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
17. CONSTRUCTION TO COMPLY WITH ANY TECHNICAL REPORTS COMPLETED FOR THE PROJECT.

SURVEY NOTES:

HORIZONTAL DATUM: ASSUMED 5,000N, 10,000E AT CONTROL POINT #101, WITH A COMPASS BEARING OF N2W FROM CONTROL POINT #101 TO CONTROL POINT #102.

VERTICAL DATUM: ASSUMED ELEVATION OF 100.00' AT CONTROL POINT #101.

UNDERGROUND UTILITY NOTE:
 UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON VISIBLE EVIDENCE. SHN MAKES NO GUARANTEE REGARDING LOCATION, TYPE, SIZE, NOR PRESENCE OR ABSENCE OF UNDERGROUND UTILITIES.
 IRRIGATION SYSTEM NOT MAPPED.

OVERHEAD UTILITY NOTE:
 OVERHEAD LINES OFF OF THE PROJECT SITE ARE NOT FULLY MAPPED. INFORMATION SHOWN IS BASED ON VISIBLE EVIDENCE. NO MAPPING OBTAINED FOR PHONE AND CABLE TELEVISION FACILITIES. PHONE AND CABLE TELEVISION LINE LOCATIONS NOT VERIFIED.

TREE NOTE:
 ALL TREES SURVEYED WERE DECIDUOUS UNLESS NOTED OTHERWISE. INDIVIDUAL TRUNKS IN TREE CLUSTERS NOT SHOWN.

EROSION CONTROL NOTES:

1. BMP'S SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND MAINTAINED SUCH THAT NO VISIBLE SEDIMENT LEAVES THE SITE.
2. TRACKING CONTROLS: ENTRANCE/EXIT BMP.
3. PAVED AND CONCRETE AREAS AT THE ACCESS POINTS SHALL BE SWEEP OR VACUUMED AS OFTEN AS EACH DAY TO ELIMINATE TRACKING SOIL AND DEBRIS BEYOND THE LIMITS OF THE PROJECT SITE. ANY SOILS AND/OR DEBRIS, ROCK, GRAVEL, ETC. TRACKED BEYOND THE LIMITS OF THE PROJECT SITE AS A RESULT OF THIS PROJECT SHALL BE REMOVED IMMEDIATELY.
4. DISTURBED AREAS PROTECTED TO EXTENT PRACTICAL DURING CONSTRUCTION.
5. STOCKPILE MANAGEMENT TO BE IMPLEMENTED.
6. DISTURBED AREA STABILIZED AS SOON AS POSSIBLE.
7. THE CONTRACTOR SHALL NOT ALLOW ANY CONSTRUCTION DEBRIS TO ENTER THE STORM DRAIN OR SANITARY SEWER SYSTEMS. THE CONTRACTOR SHALL INSTALL APPROVED PHYSICAL BARRIERS TO ENSURE THAT ALL DEBRIS IS CAPTURED AND REMOVED FROM SURFACE RUNOFF PRIOR TO RELEASING SITE RUNOFF.

PROJECT SPECIFICATIONS:

GENERAL COMPACTION

1. COMPACTION REQUIREMENTS AS SPECIFIED WILL BE BY PERCENT OF THE MAXIMUM DRY DENSITY AND AS DETERMINED PER ASTM D 1557.
2. PLACE BACKFILL AND FILL SOIL MATERIAL IN LOOSE LIFTS OF NOT MORE THAN 8 INCHES FOR MATERIAL COMPACTED BY HEAVY EQUIPMENT, AND NOT MORE THAN 6 INCHES FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
3. THE GROUND SURFACE IN AREAS TO RECEIVE FILL SHALL BE PREPARED AS FOLLOWS:
 - 3.1. ALL ORGANIC MATERIAL AND TOPSOIL SHALL BE REMOVED.
 - 3.2. ON SLOPES GREATER THAN 1V:4H, HORIZONTAL BENCHES SHALL BE CUT INTO THE SOIL TO PROVIDE A LEVEL BEARING SURFACE FOR THE FILL MATERIAL. THE MINIMUM WIDTH OF THE BENCHES SHALL BE FOUR FEET.
4. ALL IMPROVEMENTS SHALL BE GRADED TO DRAIN TO THE APPROVED DRAINAGE COURSE AT A UNIFORM SLOPE OF 2% MINIMUM UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY SHN CONSULTING ENGINEERS AT 707-441-8855 IMMEDIATELY, AND PROVIDE WRITTEN DESCRIPTION OF ANY DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN ON THESE PLANS WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT EARTHWORK QUANTITY.
6. NO CUT OR FILL SLOPES SHALL EXCEED THE SLOPE RATIO OF 2H:1V, UNLESS OTHERWISE NOTED.
7. TOPSOIL SHALL BE REMOVED FROM ALL CUT AND FILL AREAS AND SHALL NOT BE USED FOR ENGINEERED FILL.
8. FILL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE SOILS REPORT UNLESS OTHERWISE NOTED ON THESE PLANS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR COMPLYING WITH THE FILL MATERIAL REQUIREMENTS OF THE SOILS REPORT.
9. COMPACTION IN TRENCHES SHALL BE TESTED EVERY 50-75 FEET WITH A MINIMUM OF TWO TESTS PER ANY LENGTH OF TRENCHING. THE ENGINEER WILL BE PERMITTED TO COMPLETE TESTING AT ANY BACKFILL ELEVATION DURING THE BACKFILLING PROCESS. THE CONTRACTOR SHALL PROVIDE EQUIPMENT AND AN OPERATOR, FREE OF CHARGE TO FACILITATE THE TESTING REQUIRED BY THE ENGINEER.
10. FILL MATERIALS SHALL BE MECHANICALLY COMPACTED. JETTING WILL NOT BE ALLOWED.
11. CARE SHALL BE TAKEN NOT TO CRUSH THE PIPE OR OTHER COMPONENTS WITH COMPACTION EQUIPMENT.
12. GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE FOOTING EXCAVATIONS PRIOR TO PLACEMENT OF FORMS AND REBAR.

PROJECT SPECIFICATIONS (CONT):

SITE WORK CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19A OF THE CBC AND WITH THE PROVISIONS OF ACI 318. MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONCRETE PLACEMENT.
2. UNLESS OTHERWISE STATED, CONCRETE SHALL BE HARDROCK CONCRETE AND SHALL MEET THE FOLLOWING DESIGN CRITERIA:
 - A. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,000 PSI
 - B. MINIMUM CEMENT CONTENT = 5 SACKS/CUYD
 - C. MAXIMUM AGGREGATE SIZE = 3/4"
 - D. SLUMP = 4"±1"
3. CONCRETE SHALL BE MIXED, PLACED, AND CURED IN ACCORDANCE WITH ACI 318.
4. REINFORCING SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE."
5. SURFACE OF ALL CONCRETE FLATWORK SHALL BE IN ACCORDANCE WITH CBC REQUIREMENTS FOR ACCESSIBLE ROUTES.
6. ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING DOWELS, BOLTS, ANCHORS, PIPES AND SLEEVES SHALL BE SECURELY POSITIONED IN FORMS BEFORE PLACEMENT OF CONCRETE.
7. WALKWAYS SHALL MEET THE ACCESSIBILITY REQUIREMENTS PROVIDED IN THE CALIFORNIA BUILDING CODE. LONGITUDINAL SLOPES OF WALKWAYS SHALL NOT EXCEED 5%. CROSS SLOPES OF WALKWAYS SHALL NOT EXCEED 2%. LANDINGS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
8. ALL CONCRETE FORM WORK SHALL BE REMOVED AFTER CONCRETE HAS SET.

PAVING

1. ALL ASPHALT CONCRETE SHALL BE IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS SECTION 39.
2. ASPHALT MATERIAL SHALL BE HMA TYPE A WITH 1/2 INCH AGGREGATE GRADATION. ASPHALT BINDER SHALL BE PG64-16.
3. ASPHALT CONCRETE SHALL BE INSTALLED AND TESTED ACCORDING TO THE "STANDARD PROCESS" SPECIFIED IN SECTION 39. ACCEPTANCE CRITERIA PER CALTRANS TEST 309.
4. WHERE NEW PAVING MEETS EXISTING PAVEMENT, EXISTING PAVEMENT SHALL BE SAWCUT.
5. APPLY TACK COAT TO CONTACT SURFACES OF CURBS, GUTTERS AND EXISTING PAVEMENT.
6. PLACE ASPHALT CONCRETE WITHIN 24 HOURS OF APPLYING PRIMER OR TACK COAT.
7. TACK COAT SHALL BE TYPE SS-1.
8. COMPACT PAVEMENT BY ROLLING TO A MINIMUM OF 95% OF MAXIMUM DENSITY. DO NOT DISPLACE OR EXTRUDE PAVEMENT FROM POSITION. HAND COMPACT IN AREAS INACCESSIBLE TO MECHANICAL ROLLING EQUIPMENT.
9. PERFORM ROLLING WITH CONSECUTIVE PASSES TO ACHIEVE SMOOTH FINISH WITHOUT ROLLER MARKS.
10. AGGREGATE BASE SHALL BE CALTRANS CLASS 2, COMPACTED TO 95% RELATIVE COMPACTION PER ASTM D1557/D693B.
11. IN AREAS TO BE PAVED, MINIMUM TOP 6 INCHES OF SUITABLE NATIVE SOIL SHALL BE SCARIFIED AND RECOMPACTED TO 90% RELATIVE COMPACTION PER ASTM D1557/D693B.
12. UNLESS OTHERWISE SHOWN ON THESE PLANS, NEW ASPHALT CONCRETE SURFACES AND NEW FINISH GRADE SURFACES SHALL BE INSTALLED SO AS TO MAINTAIN EXISTING SURFACE DRAINAGE PATTERNS.

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NO.	DATE	REVISION	BY

DSGN	CUL
DR	CUL/CDN
CHK	JSO
APVD	

COUNTY OF HUMBOLDT
 HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
 EUREKA, CALIFORNIA
PROJECT NOTES AND SPECIFICATIONS

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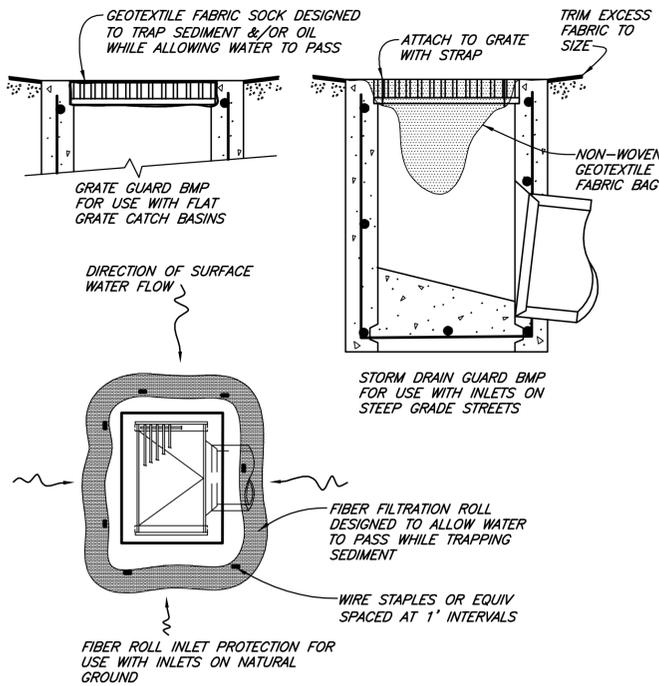


EROSION CONTROL PLAN NOTES:

- CONSTRUCTION OF ALL EROSION CONTROL MEASURES AND BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- THE IMPLEMENTATION OF THE EROSION CONTROL PLAN (ECP) AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE BMP'S IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND PERMANENT VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE BMP'S SHOWN ON THESE PLANS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- CONTRACTOR TO SCHEDULE AN IN-FIELD PRE-CONSTRUCTION MEETING WITH THE DESIGN ENGINEER BEFORE COMMENCING WORK TO DISCUSS THE INTENT OF THE EROSION CONTROL PLAN.
- USE NATIVE GRASS SEED TO RESEED DISTURBED AREAS AND MATCH EXISTING VEGETATION TO THE EXTENT POSSIBLE. SEEDED AREAS SHALL BE COVERED WITH STRAW, RICE, OR COIR MULCH AND KEPT MOIST UNTIL GRASSES ESTABLISH.
- STREET CLEANING MUST BE DONE BY VACUUM SWEEPER, STREET WASHING IS NOT ALLOWED. CONTRACTOR TO PERFORM STREET CLEANING ON PAVED STREETS AFTER CONSTRUCTION IS COMPLETE AND AS DEEMED NECESSARY DURING CONSTRUCTION.
- INLET PROTECTION TO BE INSTALLED PRIOR TO DEMOLITION AND TO REMAIN IN PLACE UNTIL SURFACING IS COMPLETED, STOCKPILES ARE REMOVED, AND VEGETATION IS RE-ESTABLISHED.
- SEDIMENT BARRIER TO BE INSTALLED PRIOR TO DEMOLITION AND TO REMAIN IN PLACE UNTIL SURFACING IS COMPLETED, STOCKPILES ARE REMOVED, AND VEGETATION IS RE-ESTABLISHED.

MAINTENANCE AND INSPECTION:

- MAINTENANCE AND INSPECTION OF BMP'S, AT A MINIMUM, SHALL BE CONDUCTED ACCORDING TO THE FOLLOWING SCHEDULE:
 - BMP'S SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
 - BMP'S AT INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH, PRIOR TO A FORECAST STORM, AND WITHIN 24 HOURS FOLLOWING A STORM EVENT.



STORM DRAIN INLET PROTECTION

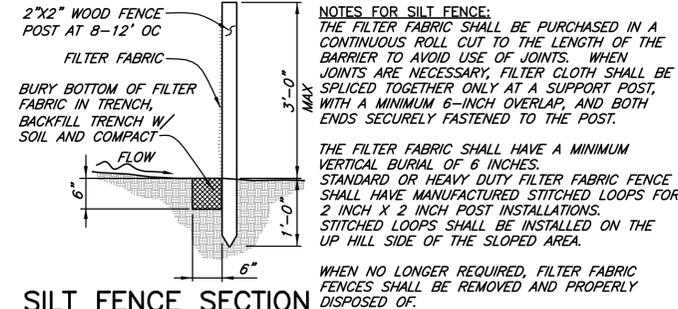
NTS

210

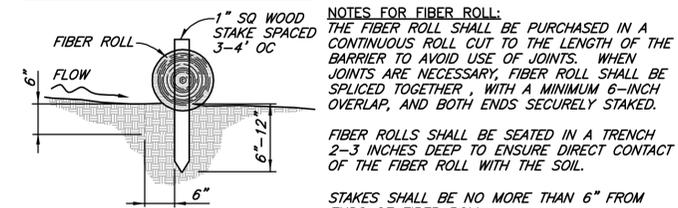
EROSION CONTROL PLAN NOTES (CONTINUED):

STOCKPILES:

- EXCAVATED SOILS MAY BE PLACED ADJACENT TO THE TOP OF THE TRENCH IF THE STOCKPILED SOIL THICKNESSES ARE 2 FEET OR LESS. IF SOILS ARE PLACED IN MOUNDED STOCKPILES, THEN EXCAVATED SOILS SHOULD BE PLACED NO CLOSER THAN 10 FEET FROM THE TOP OF THE TRENCH EXCAVATION.
 - SOIL STOCKPILES SHALL BE COVERED, STABILIZED, OR PROTECTED WITH SOIL STABILIZATION MEASURES AND A PERIMETER SEDIMENT BARRIER AT ALL TIMES DURING THE RAINY SEASON, AND PRIOR TO THE ONSET OF RAIN DURING THE NON-RAINY SEASON.
 - STOCKPILES OF CONTAMINATED SOIL SHALL BE MANAGED IN ACCORDANCE WITH CALTRANS BMP FOR "CONTAMINATED SOIL MANAGEMENT"
- DEWATERING:**
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROPER DESIGN, INSTALLATION, OPERATION, AND DESTRUCTION OF DEWATERING FACILITIES NEEDED DURING CONSTRUCTION.
 - CONTRACTOR SHALL ESTABLISH AND MAINTAIN DEWATERING FACILITIES TO ALLOW FOR THE EXCAVATION, AND SUBSEQUENT PLACEMENT AND RECOMPACTION OF TRENCH MATERIAL WITHIN THE EXCAVATED AREA.
 - HANDLING OF WATER FROM THE EXCAVATION AND DISPOSAL OF SAME FROM THE PROJECT SITE SHALL BE PERFORMED IN ACCORDANCE WITH BMP'S TO AVOID SEDIMENT TRANSPORT AND OTHER IMPACTS TO RECEIVING WATERS AS OUTLINED IN THE APPROVED SWPPP FOR THIS PROJECT.
 - SEDIMENT BASINS SHALL BE LOCATED A MINIMUM OF 100 FEET FROM A WATERCOURSE.
 - WATER FROM THE SEDIMENT BASINS SHOULD NOT BE DISCHARGED AS CONCENTRATED FLOW DIRECTLY INTO SLOUGHS, CUTOFF SLOUGHS, STREAMS, OR ANY DITCH THAT DISCHARGES TO ONE OF THESE FEATURES.



SILT FENCE SECTION



FIBER ROLL SECTION

GENERAL NOTES:

- THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE.
- ALL EXCAVATED MATERIAL FROM FILTER FABRIC FENCE INSTALLATION SHALL BE BACK FILLED AND COMPACTED, ALONG THE ENTIRE DISTURBED AREA.
- BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
- SEDIMENT SHALL BE REMOVED WHEN IT BUILDS UP TO 1/3 OF THE BARRIER HEIGHT.

SEDIMENT BARRIER

NTS

225

SAVED: 1/3/2019 11:22 AM CNEWELL, PLOTTED: 1/15/2019 1:54 PM CHRIS D. NEWELL
 \\Eureka\Projects\2018\018077-HumCo-ADA-Med\100-HumCoMentalHealth\Draws\018077-100-ESCP-DTLS.dwg

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NO.	DATE	REVISION	BY

DSGN	CUL
DR	CUL/CDN
CHK	JSO
APVD	

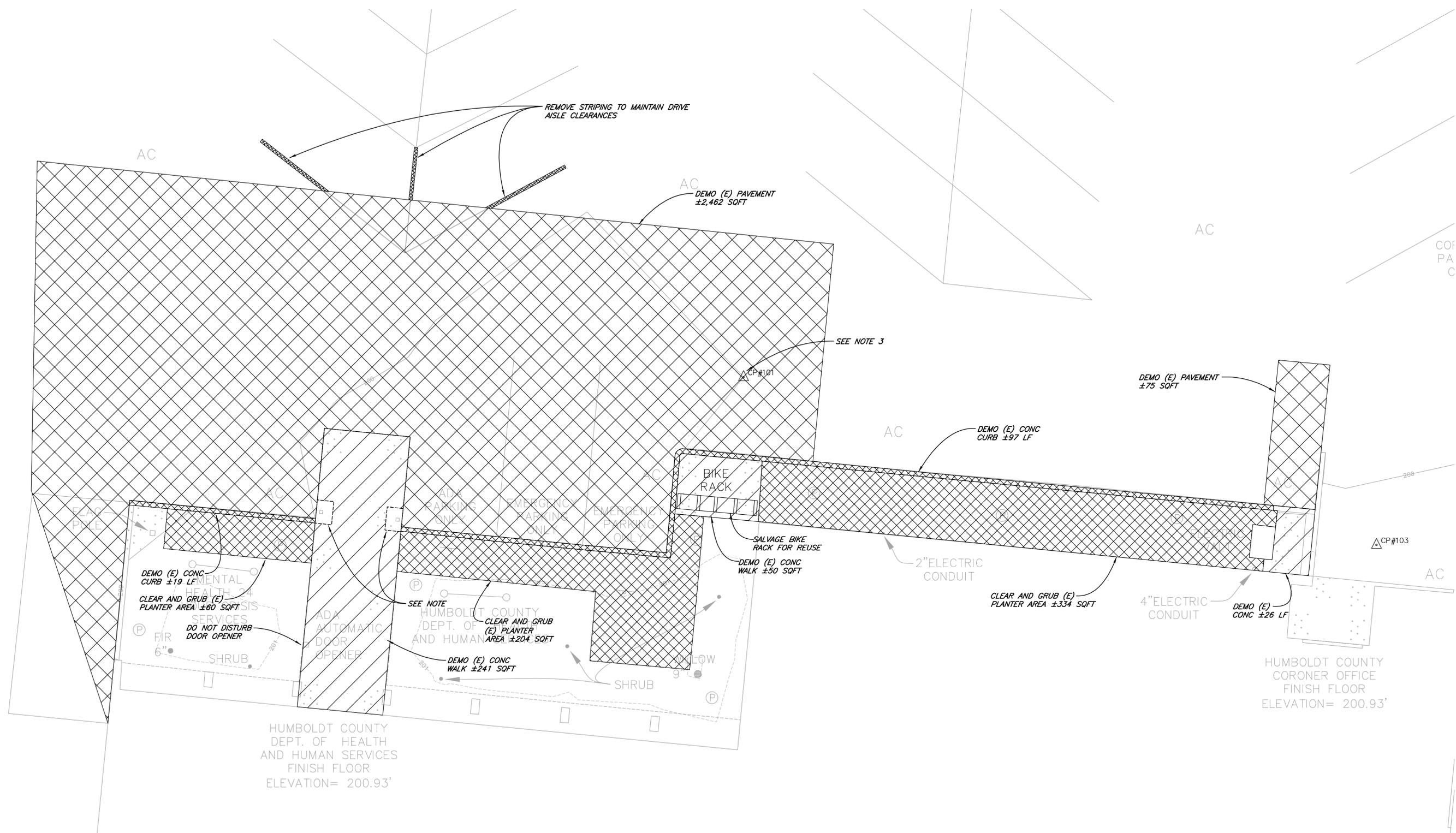
COUNTY OF HUMBOLDT
 HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
 EUREKA, CALIFORNIA
EROSION CONTROL NOTES AND DETAILS

SHEET **G-4**
 SEQ
 DATE **01/2019**
 PROJ. NO. **018077.100**



1/3/19

SAVED: 1/15/2019 1:48 PM CNEWELL, PLOTTED: 1/15/2019 1:54 PM CHRIS D. NEWELL
 \\Eureka\Projects\2018\018077-HumCo-ADA-Med\100-HumCoMentalHealth\Draws\018077-100-DEMO.dwg



NOTES:

1. AWNING POSTS AND FOOTINGS TO REMAIN UNDISTURBED. SAWCUT 12" AROUND POSTS, TAKE CARE NOT TO DAMAGE CONCRETE FOOTING THAT MAY BE PRESENT DURING DEMOLITION.
2. REFER TO SITE LAYOUT PLAN (C-2) FOR DIMENSIONS ASSOCIATED WITH THE DEMOLITION LIMITS.
3. EXISTING CONTROL POINT WILL BE DISTURBED BY DEMOLITION ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR SETTING NEW CONTROL POINTS AS NEEDED FOR PROJECT LAYOUT.



Know what's below.
 Call before you dig.
 Contractor shall call Underground Service Alert at 811 two working days prior to excavation.
 Landline: 1-800-227-2600



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SHN

NO.	DATE	REVISION	BY

DSGN CUL
 DR CUL/CDN
 CHK JSO
 APVD

COUNTY OF HUMBOLDT
 HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
 EUREKA, CALIFORNIA

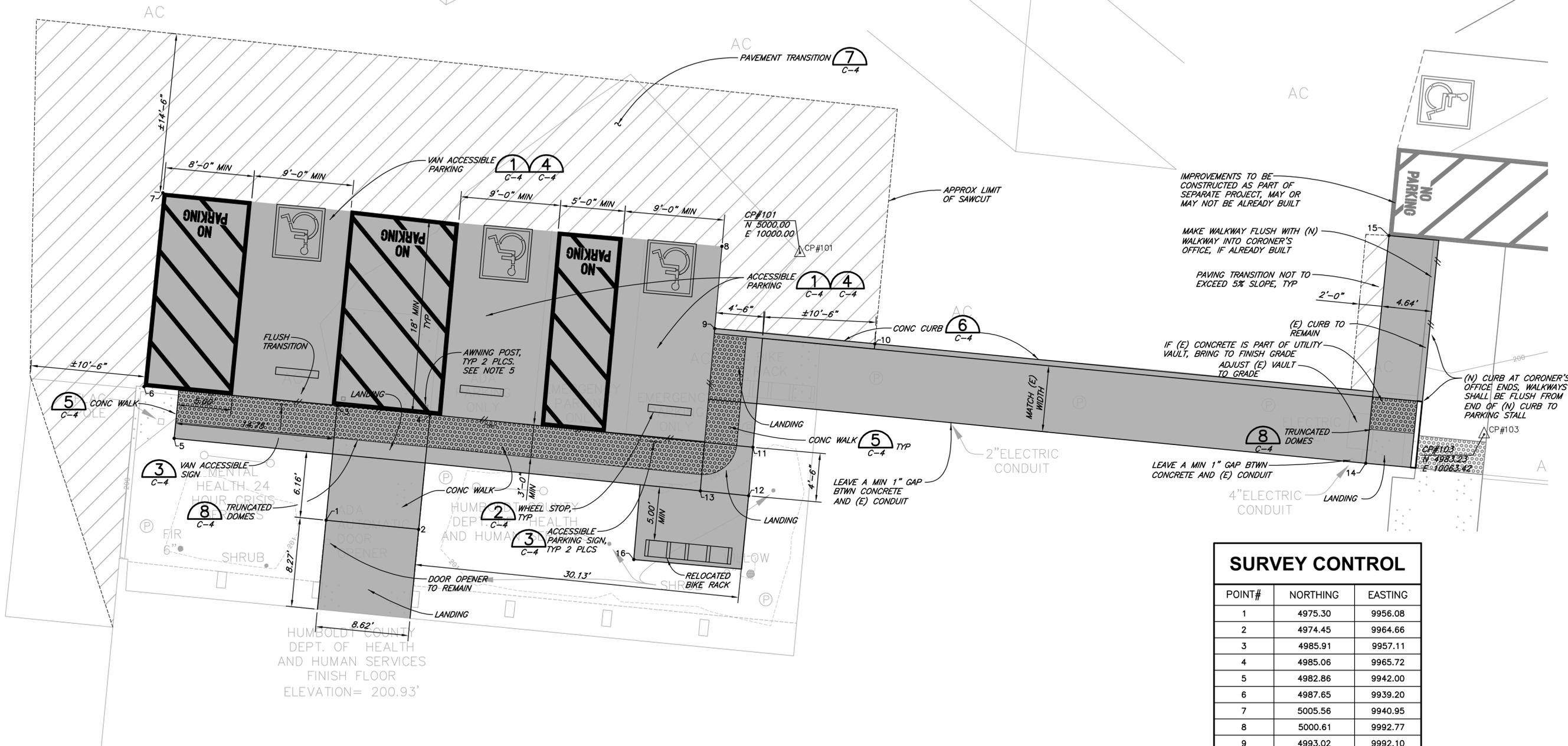
DEMOLITION PLAN

SHEET C-1

SEQ
 DATE 01/2019
 PROJ. NO. 018077.100

1/3/19

SAVED: 1/15/2019 1:25 PM CNEWELL, PLOTTED: 1/15/2019 1:54 PM CHRIS D. NEWELL
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HUMBOLDT COUNTY
 DEPT. OF HEALTH
 AND HUMAN SERVICES
 FINISH FLOOR
 ELEVATION = 200.93'

NOTES:

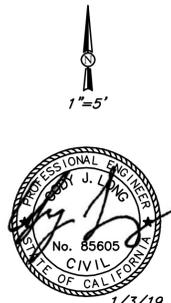
1. MINIMIZE DISTURBANCE TO EXISTING PLANTER BOX AND EXISTING IMPROVEMENTS. SITE SHALL BE RESTORED TO PRE-PROJECT CONDITIONS AFTER CONSTRUCTION OF IMPROVEMENTS ARE COMPLETE.
2. LANDINGS, PARKING SPACES, AND ACCESS AISLES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
3. CONCRETE WALKS SHALL NOT EXCEED 2% CROSS SLOPE AND 5% SLOPE IN THE DIRECTION OF TRAVEL.
4. IF CONTRACTOR DETERMINES MINIMUM/MAXIMUM SLOPES CANNOT BE ACHIEVED, NOTIFY OWNER AND ENGINEER IMMEDIATELY.
5. EXISTING POSTS TO REMAIN, BOTTOM 12" OF POST AND FOOTING CONNECTION TO BE SAND BLASTED AND EPOXY COATED WITH SIMILAR COLOR TO EXISTING PRIOR TO PLACEMENT OF NEW CONCRETE. NEW CONCRETE WILL GO OVER THE TOP OF THE EXISTING FOOTING CONNECTION.
6. CONTRACTOR IS RESPONSIBLE FOR SETTING NEW CONTROL POINTS AS NEEDED PRIOR TO DEMOLITION.

LEGEND

- AC PAVING
- CONCRETE

SURVEY CONTROL

POINT#	NORTHING	EASTING
1	4975.30	9956.08
2	4974.45	9964.66
3	4985.91	9957.11
4	4985.06	9965.72
5	4982.86	9942.00
6	4987.65	9939.20
7	5005.56	9940.95
8	5000.61	9992.77
9	4993.02	9992.10
10	4991.60	10006.94
11	4982.04	9995.64
12	4977.55	9995.24
13	4978.01	9990.76
14	4980.56	10052.44
15	5001.61	10054.59
16	4971.66	9984.60



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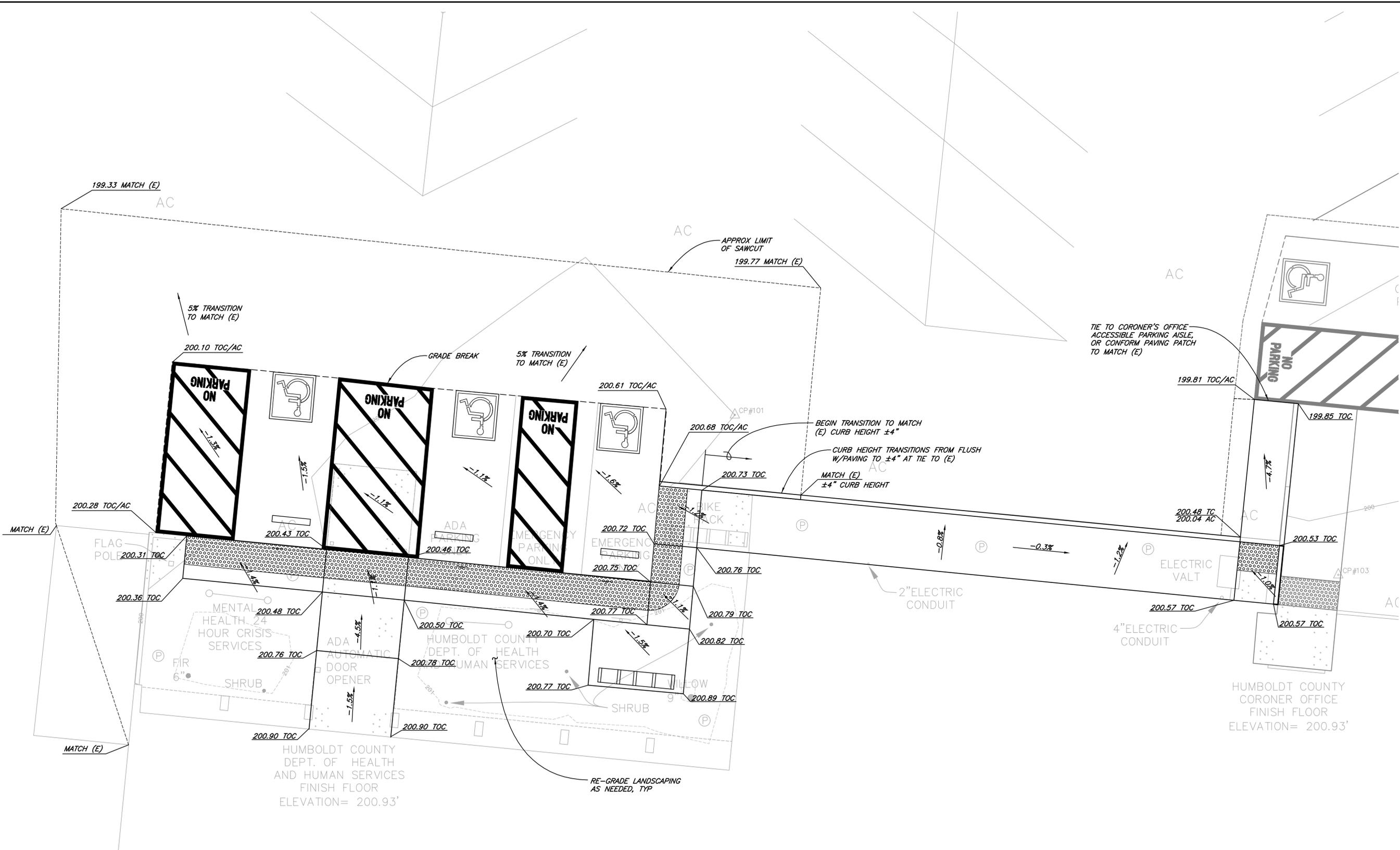
DSGN CUL
 DR CUL/CDN
 CHK JSO
 APVD

COUNTY OF HUMBOLDT
 HUMBOLDT COUNTY MENTAL HEALTH ADA UPGRADES
 EUREKA, CALIFORNIA
SITE LAYOUT PLAN

SHEET
C-2
 SEQ
 DATE 01/2019
 PROJ. NO.
 018077.100

1/3/19

SAVED: 1/15/2019 1:25 PM CNEWELL, PLOTTED: 1/15/2019 1:54 PM CHRIS D. NEWELL
 \\Eureka\Projects\2018\018077-HumCo-ADA-Med\100-HumCoMentalHealth\Draws\018077-100-GRDC.dwg



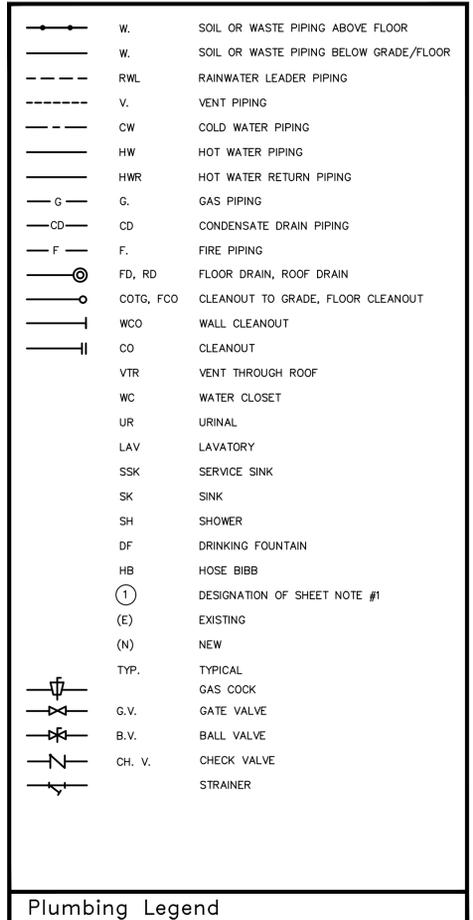
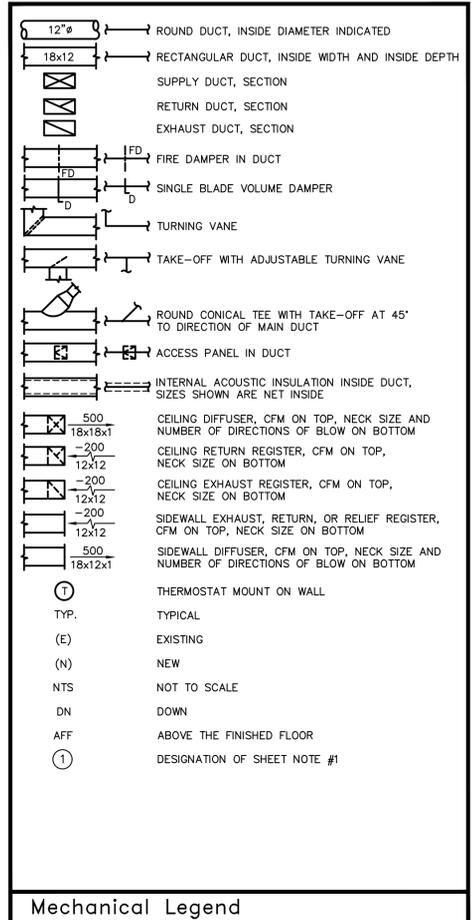
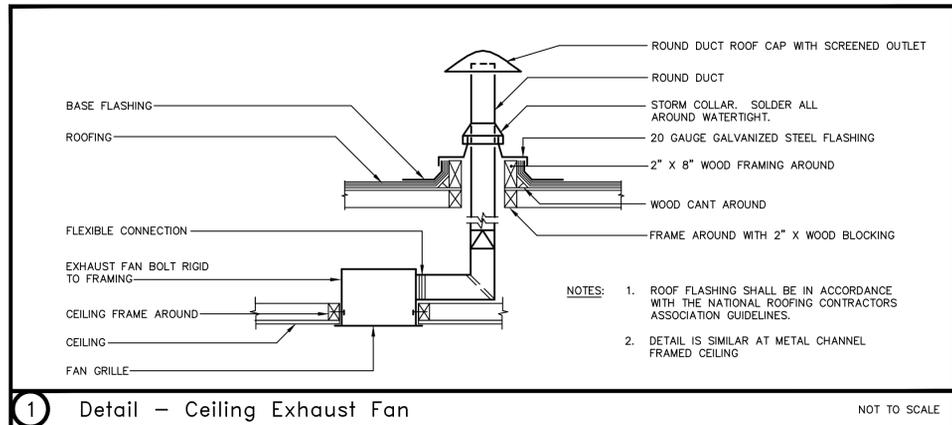
VERIFY SCALES <small>BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, INDICATE SCALES ACCORDINGLY</small>	
CONSULTING ENGINEERS & GEOLOGISTS, INC. <small>WWW.SHN-ENGR.COM 812 W. WABASH AVE. EUREKA, CA. 95501 707-441-8855</small>	
COUNTY OF HUMBOLDT HUMBOLDT COUNTY MENTAL HEALTH 24 HOUR CRISIS SERVICES EUREKA, CALIFORNIA	GRADING AND DRAINAGE PLAN
DSGN CUL DR CUL/CDN CHK JSO APVD	NO. DATE REVISION BY
SHEET C-3	SEQ
DATE 01/2019	PROJ. NO. 018077.100

1/3/19

Plumbing Fixture Piping Schedule								
FIXTURE TYPE	MINIMUM BRANCH PIPE SIZE *				CONNECTION SIZE (VERIFY)		WATER USAGE	REMARKS
	WASTE	VENT	COLD WATER	HOT WATER	COLD WATER	HOT WATER		
WATER CLOSET (TANK)	4"	2"	1 1/4"	—	1"	—	1.28 GPF	
LAVATORY	2"	1 1/2"	3/4"	3/4"	1/2"	1/2"	0.5 GPM	1 1/2" TRAP & TRAP ARM, INSTALL CLEANOUT IN TRAP.
SHOWER	2"	1 1/2"	3/4"	3/4"	1/2"	1/2"	1.5 GPM	PRESSURE BALANCED SHOWER VALVE

* TO WITHIN 5 FEET OF FIXTURE OR CLOSER
** TRAP PRIMER

Fan Schedule														
FAN NO.	MFR.	MODEL NO.	CFM	S.P. ("WC)	RPM	WHEEL SIZE	WATTS	MAX. SONES	MOTOR				WEIGHT (LBS.)	REMARKS
									H.P.	VOLTAGE	PHASE	WATTS		
E-1	COOK	GC-148	-120	0.375	1075	-	43.7	2.5	-	115	1	48	25	



REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	UPDATED	3/1/2019

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PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

LEFLER ENGINEERING, INC.
1651 Second Street
San Rafael, CA 94901
(415) 456-4220
(415) 456-1248 fax

SHEET NAME:
MECHANICAL & PLUMBING SCHEDULES, DETAILS, AND LEGEND

ISSUE DATE: Issue Date
PREPARATION AND REVIEW
DRAWN BY: DSP
DESIGNER: CLB
PROJ MGR:
PEER REVIEW: MCK
SHEET NUMBER:

MP101

1

2

3

4

5

A

B

C

D

E

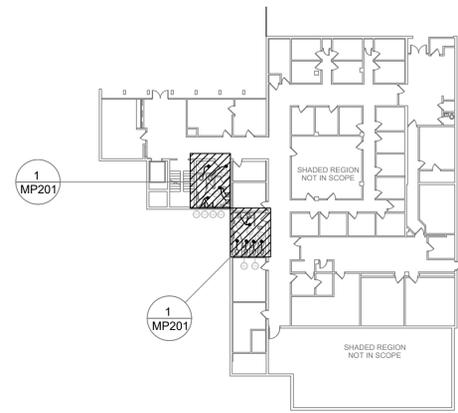
A

B

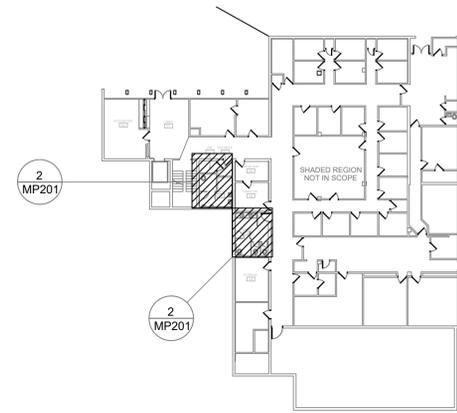
C

D

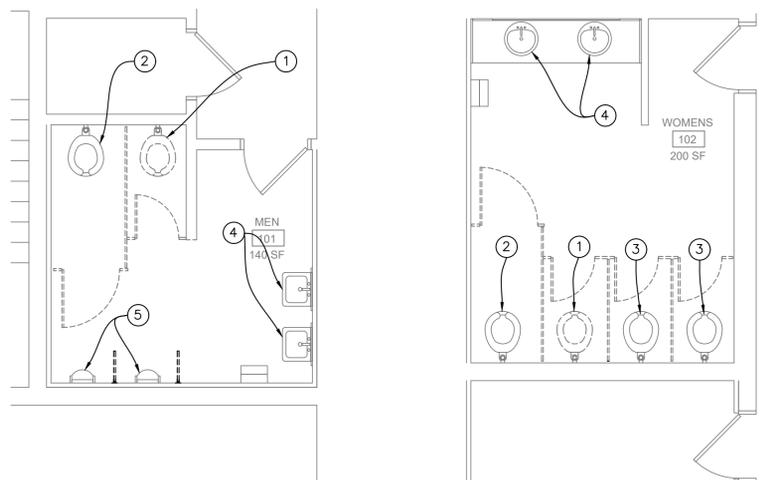
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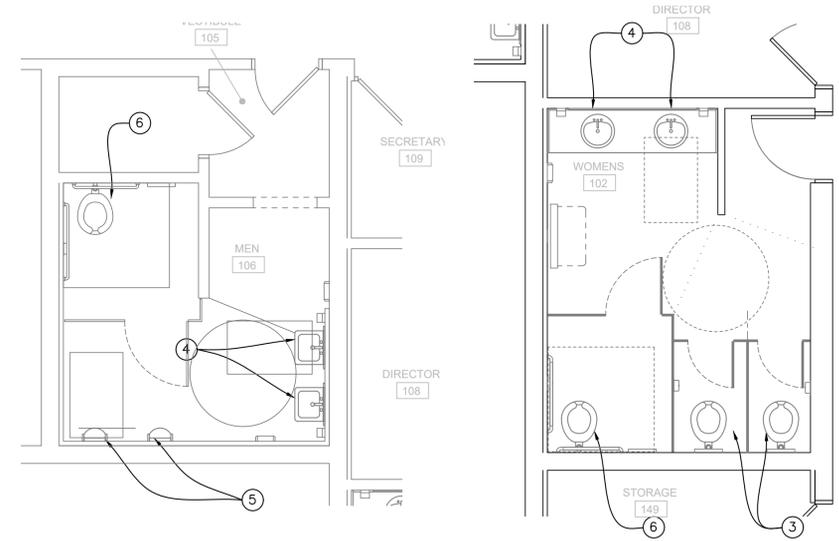
DEMO KEY PLAN



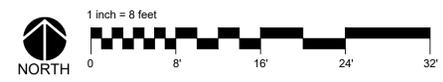
NEW KEY PLAN



1 ENLARGED DEMO PLANS
1/4" = 1'-0"



2 ENLARGED NEW PLANS
1/4" = 1'-0"



- Sheet Notes**
1. DEMOLISH EXISTING WC. CAP ALL PIPING CONCEALED BELOW FLOOR/WALL. VERIFY EXACT LOCATION.
 2. DEMOLISH EXISTING WC. VERIFY EXACT LOCATION.
 3. EXISTING WC TO REMAIN, VERIFY EXACT LOCATION.
 4. EXISTING LAV TO REMAIN, VERIFY EXACT LOCATION.
 5. EXISTING UR TO REMAIN, VERIFY EXACT LOCATION.
 6. INSTALL NEW WC. MODIFY EXISTING PIPING AS REQUIRED TO CONNECT NEW 4" W., 2" V., AND 1-1/4" CW.

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	UPDATED	3/1/2019

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PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS

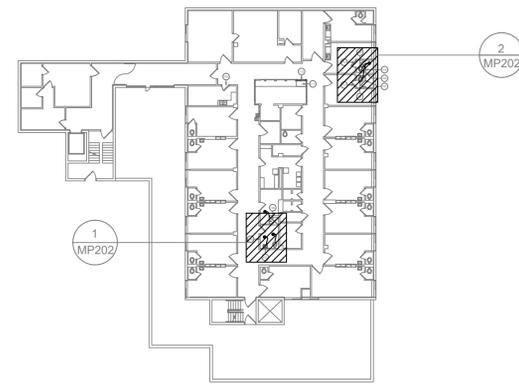
720 WOOD STREET
EUREKA, CA 95502

LEFLER ENGINEERING, INC.
1651 Second Street
San Rafael, CA 94901
(415) 456-4220
(415) 456-1248 fax

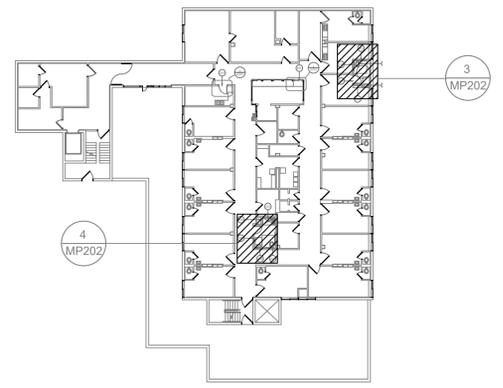
SHEET NAME:
MECHANICAL NEW FIRST FLOOR PLAN

ISSUE DATE:	Issue Date
PREPARATION AND REVIEW	
DRAWN BY:	DSP
DESIGNER:	CLB
PROJ MGR:	
PEER REVIEW:	MCK
SHEET NUMBER:	

MP201



DEMO KEY PLAN



NEW KEY PLAN

- Sheet Notes**
1. DEMOLISH EXISTING WC. CAP ALL PIPING CONCEALED BELOW FLOOR/WALL. VERIFY EXACT LOCATION.
 2. DEMOLISH EXISTING WC. VERIFY EXACT LOCATION.
 3. EXISTING LAV TO REMAIN, VERIFY EXACT LOCATION.
 4. DEMOLISH EXISTING SH VALVE, SH HEAD, AND DRAIN. VERIFY EXACT LOCATION.
 5. INSTALL NEW SH. MODIFY EXISTING W., V., HW, AND CW AS REQUIRED TO CONNECT TO NEW SH.
 6. INSTALL NEW WC. MODIFY EXISTING PIPING AS REQUIRED TO CONNECT TO NEW WC.
 7. INSTALL NEW LAV., MODIFY AND MOVE EXISTING PIPING IN WALL AS REQUIRED TO CONNECT TO NEW LAV LOCATION.
 8. INSTALL NEW WC. CONNECT 4" W., 2" V., AND 1 1/4" CW.
 9. INSTALL NEW LAV. CONNECT 2 W., 1 1/2" V., 1/2" HW., AND 1/2" CW.
 10. CONNECT TO EXISTING PIPING BELOW FLOOR, TYPICAL. VERIFY EXACT LOCATION.
 11. RUN NEW 1/2" HW TO CONNECT TO NEAREST 3/4" OR LARGER HW PIPE.
 12. RUN V. ABOVE CEILING TO CONNECT TO EXISTING VTR. VERIFY EXACT LOCATION.
 13. INSTALL NEW EXHAUST FAN IN CEILING. SEE DETAIL 1/MP1.1.

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	UPDATED	3/1/2019

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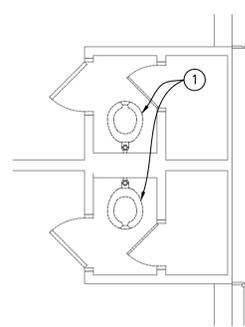
PROJECT:
MENTAL HEALTH CENTER ACCESSIBILITY MODIFICATIONS
720 WOOD STREET
EUREKA, CA 95502

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1651 Second Street
San Rafael, CA 94901
(415) 456-4220
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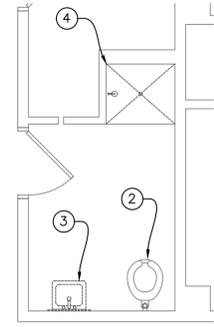
SHEET NAME:
MECHANICAL NEW SECOND FLOOR PLAN

ISSUE DATE:	Issue Date
PREPARATION AND REVIEW	
DRAWN BY:	DSP
DESIGNER:	CLB
PROJ MGR:	
PEER REVIEW:	MCK
SHEET NUMBER:	

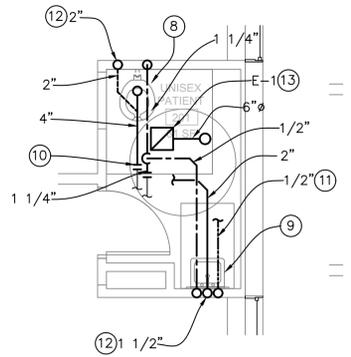
MP202



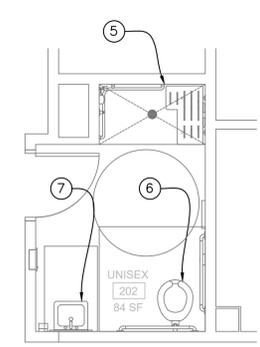
1 ENLARGED DEMO PLAN
1/4" = 1'-0"



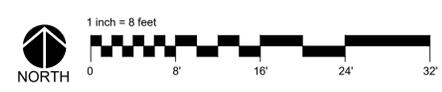
2 ENLARGED DEMO PLAN
1/4" = 1'-0"



3 ENLARGED PLAN -PATIENT RESTROOM
1/4" = 1'-0"



4 ENLARGED PLAN -UNISEX RESTROOM
1/4" = 1'-0"



A

B

C

D

E

A

B

C

D

E

DEVICES

	JUNCTION BOX - WALL MOUNTED +18" A.F.F. U.O.N.
	JUNCTION BOX - FLOOR MOUNTED
	JUNCTION BOX - CEILING MOUNTED
	POWER OUTLET, DUPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, DEDICATED DUPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, SWITCHED DUPLEX - +18" A.F.F. U.O.N.
	POWER OUTLET, FOURPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, DEDICATED FOURPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, SIMPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, DEDICATED SIMPLEX - WALL MOUNTED +18" A.F.F. U.O.N.
	POWER OUTLET, DUPLEX - FLOOR MOUNTED, FLUSH LID U.O.N.
	POWER OUTLET, DEDICATED DUPLEX - FLOOR MOUNTED, FLUSH LID U.O.N.
	POWER OUTLET, FOURPLEX - FLOOR MOUNTED, FLUSH LID U.O.N.
	POWER OUTLET, DEDICATED FOURPLEX - FLOOR MOUNTED, FLUSH LID U.O.N.
	POWER OUTLET, DUPLEX - CEILING MOUNTED
	POWER OUTLET, DEDICATED DUPLEX - CEILING MOUNTED
	POWER OUTLET, FOURPLEX - CEILING MOUNTED
	POWER OUTLET, DEDICATED FOURPLEX - CEILING MOUNTED
	DATA OUTLET - WALL MOUNTED +18" A.F.F. U.O.N.
	VOICE OUTLET - WALL MOUNTED +18" A.F.F. U.O.N.
	VOICE/DATA OUTLET - WALL MOUNTED +18" A.F.F. U.O.N.
	WIREMOLD
	DOOR CONTACT

LIGHTING

	LIGHT FIXTURE, 1 x 4 - SURFACE MOUNTED
	LIGHT FIXTURE, 1 x 8 - SURFACE MOUNTED

CONTROLS

	SWITCH, SINGLE CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, 3-WAY CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, 4 WAY CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, DUAL LEVEL CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, DIMMER CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, 3 WAY DIMMER CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, MOTOR RATED - NOTED MOUNTING
	SWITCH, TIMER - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, WITH PILOT LIGHT - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, MASTER CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, OCCUPANCY SENSOR CONTROL - WALL MOUNTED +42" A.F.F. U.O.N.
	SWITCH, OCCUPANCY SENSOR CONTROL - CEILING MOUNTED
	SWITCH, DAYLIGHTING SENSOR CONTROL - CEILING MOUNTED
	OCCUPANCY SENSOR POWER PACK
	PLUG LOAD CONTROLLER
	ROOM CONTROLLER
	SWITCH, PHOTO CELL
	TIME CLOCK

CIRCUITING

	ELECTRICAL CIRCUIT - CONCEALED
	ELECTRICAL CIRCUIT - EXPOSED
	ELECTRICAL CIRCUIT - UNDER FLOOR, GROUND OR SLAB
	ELECTRICAL CIRCUIT - HOME RUN
	ELECTRICAL CIRCUIT - STUB OUT
	ELECTRICAL CIRCUIT - STUB DOWN
	ELECTRICAL CIRCUIT - STUB UP
	ELECTRICAL CIRCUIT - COMPLETE CONNECTION OF EQUIPMENT OR DEVICE

DIAGRAMS

	ATS
	PANEL
	CIRCUIT BREAKER
	FUSE
	UTILITY FUSE
	GROUND ROD
	METER
	METER CT

EQUIPMENT

	DISCONNECT, NON-FUSED
	DISCONNECT, WITH FUSE
	STARTER, NON-FUSED
	STARTER, WITH FUSE
	DIVISION 15 FAN
	STARTER, WITH CIRCUIT BREAKER
	PANELBOARD FLUSH
	PANELBOARD SURFACE
	ENCLOSURE FLUSH
	ENCLOSURE SURFACE
	DISTRIBUTION BOARD
	METER SECTION
	MOTOR

MISCELLANEOUS

	DEMO KEYED NOTE TAG
	ELECTRICAL EQUIPMENT TAG
	KEYED NOTE TAG
	LIGHT FIXTURE TAG
	MECHANICAL EQUIPMENT TAG
	REVISION DELTA
	EQUIPMENT MANUFACTURER'S IDENTIFICATION NUMBER

ABBREVIATIONS

A	AMPERES
AC	ALTERNATING CURRENT
AF	AMP FRAME
AFD	ADJUSTABLE FREQUENCY DRIVE
A.F.F.	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPS INTERRUPTING CAPACITY
AL	ALUMINUM
ANN	ANNUNCIATOR
APPROX	APPROXIMATE
ARF	ABOVE RAISED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAT	BATTERY
BFG	BELOW FINISH GRADE
CATV	CABLE TELEVISION
C	CENTERLINE
C, CND	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CO	CONDUIT ONLY
COMM	COMMUNICATIONS
CONST	CONSTRUCTION
CONT	CONTINUED
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CS	CONTROLLED SWITCHED RECEPTACLE
CT	CURRENT TRANSFORMER
CU	COPPER
DC	DIRECT CURRENT
(D)	DEMOLITION
DWG	DRAWING
(E)	EXISTING
EA	EACH
EF	EXHAUST FAN
EGU	ENGINE GENERATOR UNIT
EM	EMERGENCY LIGHT W/BATTERY BACKUP
EMT	ELECTRICAL METALLIC CONDUIT
ENT	ELECTRICAL NON-METALLIC CONDUIT
EP	EXPLOSION PROOF
EQ	EQUAL
EQUIV	EQUIVALENT
EWC	ELECTRIC WATER COOLER
(F)	FUTURE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FC	FAN COIL
FDR	FEEDER
FLUOR	FLUORESCENT
FU	FUSE
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFR	GROUND FAULT RELAY
HID	HIGH INTENSITY DISCHARGE
HO	CONTROL SWITCH, "HAND - OFF"
HOA	CONTROL SWITCH, "HAND - OFF- AUTO"
HOR	CONTROL SWITCH, "HAND - OFF- REMOTE"
HP	HORSE POWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATION & AIR-COND.
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KV	KILO VOLT
KVA	KILO VOLT-AMP
KW	KILO WATT
KWH	KILO WATT-HOUR
LPS	LOW PRESSURE SODIUM
LTG	LIGHTING
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	METAL-CLAD
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFR, MFRG	MANUFACTURER
MH	METAL HALIDE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MDP	MAIN DISTRIBUTION BOARD
MBS	MAIN SWITCHBOARD
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM VOLTAGE
(N)	NEW
N, NEUT	NEUTRAL
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PB	PULL BOX, ELECTRICAL
(R)	RELOCATE
RECP	RECEPTACLE, OUTLET
REQ	REQUIRED
RGS, RSG	RIGID GALVANIZED STEEL CONDUIT
RTU	REMOTE TERMINAL UNIT
SP	SPACE, SPARE
SS	STAINLESS STEEL
STD	STANDARDS, APPLICABLE
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TP	TAMPER PROOF
TV	TELEVISION
TVSS	TRANSIENT VOLT. SURGE SUPPRESSOR
TYP	TYPICAL
UF	UNDER FLOOR
UG	UNDER GROUND
U.O.N.	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
V	VOLT
VA	VOLT-AMP
VFD	VARIABLE FREQUENCY DRIVE
W	WITH
W/O	WITHOUT
WH	WATER HEATER
WHM	WATT-HOUR METER
WP	WEATHER PROOF

ELECTRICAL SHEET INDEX

E001	ELECTRICAL LEGEND AND ABBREVIATIONS
E002	ELECTRICAL SHEET SPECIFICATIONS
E101	ELECTRICAL PLAN - FIRST FLOOR
E102	ELECTRICAL PLAN - SECOND FLOOR

ELECTRICAL LEGEND NOTES

- A. ALL HEIGHTS ARE TO CENTERLINE OF DEVICE
- B. FOLLOW ALL ADA REQUIREMENTS:
 - MAX UNOBSTRUCTED FORWARD REACH 48-INCHES TO TOP OF DEVICE.
 - MIN UNOBSTRUCTED FORWARD REACH 15-INCHES TO BOTTOM OF DEVICE.
 - MAX OBSTRUCTED FORWARD REACH 44-INCHES TO TOP OF DEVICE.
 - MAX OBSTRUCTED SIDE REACH 46-INCHES TO TOP OF DEVICE.

REVISION SCHEDULE

NO.	DESCRIPTION	DATE



CONSULTANT:

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 P.O. BOX 3103
 ROHNERT PARK, CA 94927
 WWW.BROKAWDESIGN.COM

PROJECT:
CORONER'S OFFICE ACCESSIBILITY IMPROVEMENTS
 720 WOOD STREET
 EUREKA, CA 95502

SHEET NAME:
ELECTRICAL LEGEND AND ABBREVIATIONS

ISSUE DATE:	10-22-2018
PREPARATION AND REVIEW	
DRAWN BY:	MOB
DESIGNER:	MOB
PROJ MGR:	CLB
PEER REVIEW:	CAC

SHEET NUMBER:
E001

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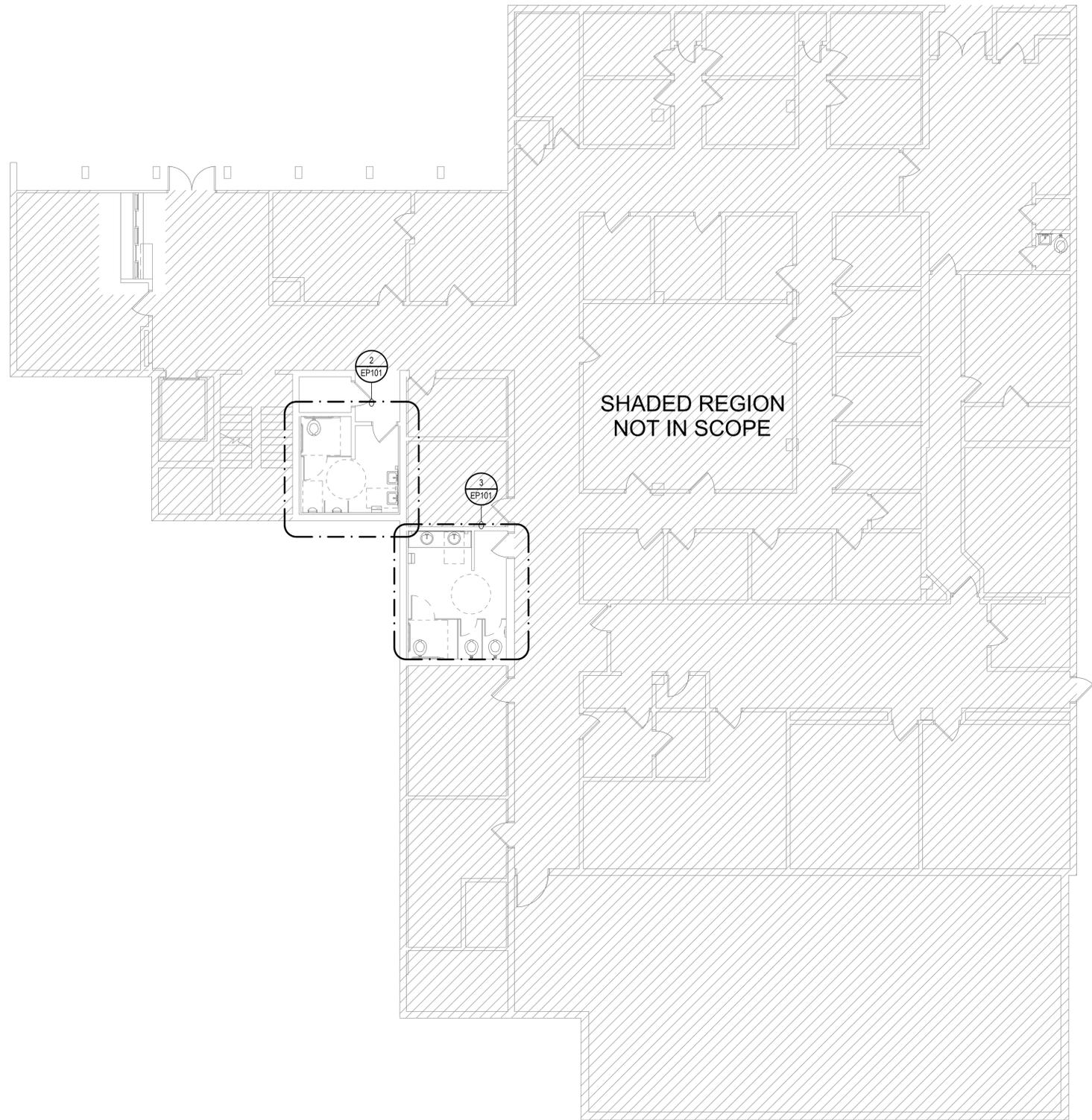
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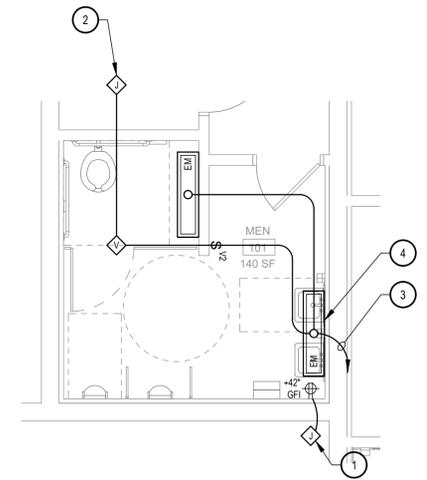
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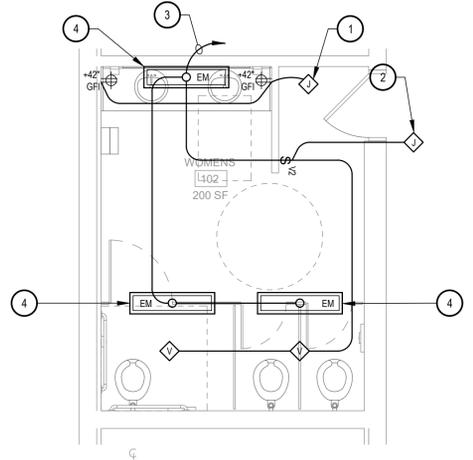
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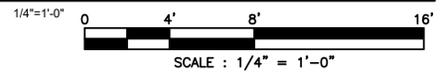
1 ELECTRICAL PLAN - FIRST FLOOR



2 PARTIAL PLAN - ELECTRICAL



3 PARTIAL PLAN - ELECTRICAL



SHEET NOTES - ELECTRICAL

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATED CEILING INFORMATION. MINOR ADJUSTMENTS IN LOCATION MAY BE REQUIRED BY THE CONTRACTOR AND PROVIDED AT NO ADDITIONAL COST TO THE OWNER AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- B. THE CONTRACTOR SHALL VERIFY THE CEILING TYPES IN ALL SPACES WITH THE ARCHITECTURAL DRAWINGS AND COORDINATE WITH THE LIGHT FIXTURES TO BE INSTALLED. THE FIXTURE SHALL BE PROVIDED WITH ALL NECESSARY HARDWARE, CLIPS, TRIM, ETC. FOR A COMPLETE AND "FINISHED" INSTALLATION.
- C. LUMINAIRES RECESSED INTO INSULATED CEILINGS SHALL BE RATED FOR INSULATION CONTACT ("IC-RATED").
- D. ALL LIGHTING CONSTRUCTION SHALL BE COORDINATED TO MAINTAIN WALL AND CEILING RATING INDICATED ON THE ARCHITECTURAL DOCUMENTS.
- E. ALL LOW VOLTAGE (0-50 volt) LIGHTING CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.
- F. CENTER ALL EXIT SIGNS IN DOOR WAYS WITH BOTTOM OF SIGN AT +2" ABOVE DOOR FRAME U.O.N.
- G. PROVIDE ALL NECESSARY BLOCKING AND REQUIRED METHODS OF ATTACHMENT TO MEET AHJ'S APPROVAL FOR MOUNTING OF ALL LIGHTING FIXTURES.
- H. PATCH AND REPAIR ALL WALLS DAMAGED DUE TO DEMO / NEW INSTALLATION. PAINT TO MATCH.
- I. PAINT ALL PANELS TO MATCH EXISTING WALLS.

KEYED NOTES - ELECTRICAL (X)

- 1. INTERCEPT (E) BRANCH RECEPTACLE CIRCUIT. EXTEND TO NEW RECEPTACLE. PROVIDE NEW OUTLET AND CONNECT COMPLETE.
- 2. INTERCEPT (E) BRANCH LIGHTING CIRCUIT. EXTEND TO NEW LIGHT FIXTURE VIA NEW OCCUPANCY SENSOR. CONNECT COMPLETE.
- 3. CONNECT EMERGENCY BALLAST TO AN UNSWITCHED LEG OF THE BRANCH CIRCUIT FEEDING THE LIGHT FIXTURE.
- 4. PROVIDE NEW ACRYLIC WRAPAROUND LIGHT FIXTURE WITH BATTERY BALLAST. LITHONIA CLXL48 3000LM SEF RDL WD MVOLT 3500K 80CRI E10WLCP.

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE



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PROJECT:
CORONER'S OFFICE ACCESSIBILITY IMPROVEMENTS

720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:
ELECTRICAL PLAN FIRST FLOOR

ISSUE DATE:	10-22-2018
PREPARATION AND REVIEW	
DRAWN BY:	MOB
DESIGNER:	MOB
PROJ MGR:	CLB
PEER REVIEW:	CAC

SHEET NUMBER:
E101

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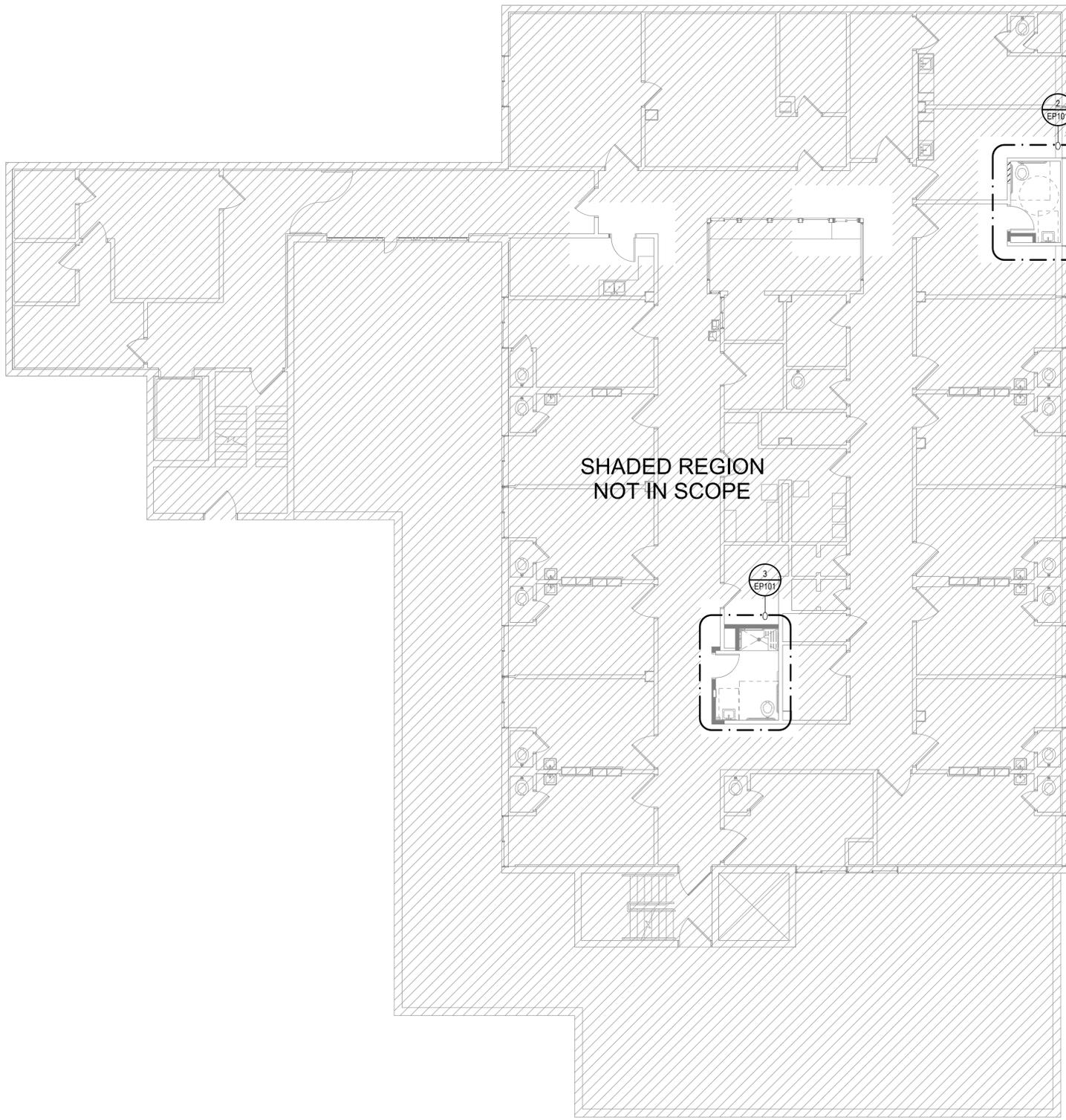
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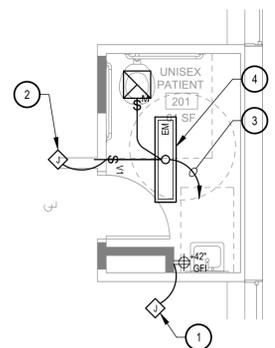
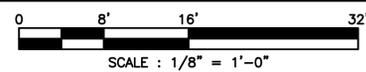
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SHADED REGION
NOT IN SCOPE

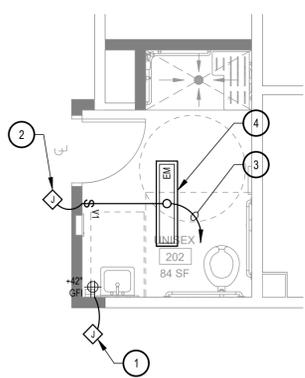
1 ELECTRICAL PLAN - SECOND FLOOR

1/8"=1'-0"



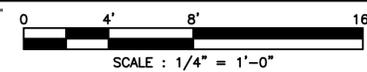
2 PARTIAL PLAN - ELECTRICAL

1/4"=1'-0"



3 PARTIAL PLAN - ELECTRICAL

1/4"=1'-0"



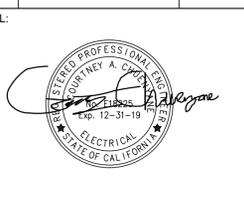
SHEET NOTES - ELECTRICAL

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PROJECT:
**CORONER'S
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ACCESSIBILITY
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720 WOOD STREET
EUREKA, CA 95502

SHEET NAME:
**ELECTRICAL
PLAN
SECOND FLOOR**

ISSUE DATE: 10-22-2018
PREPARATION AND REVIEW
DRAWN BY: MOB
DESIGNER: MOB
PROJ MGR: CLB
PEER REVIEW: CAC

SHEET NUMBER:
E102