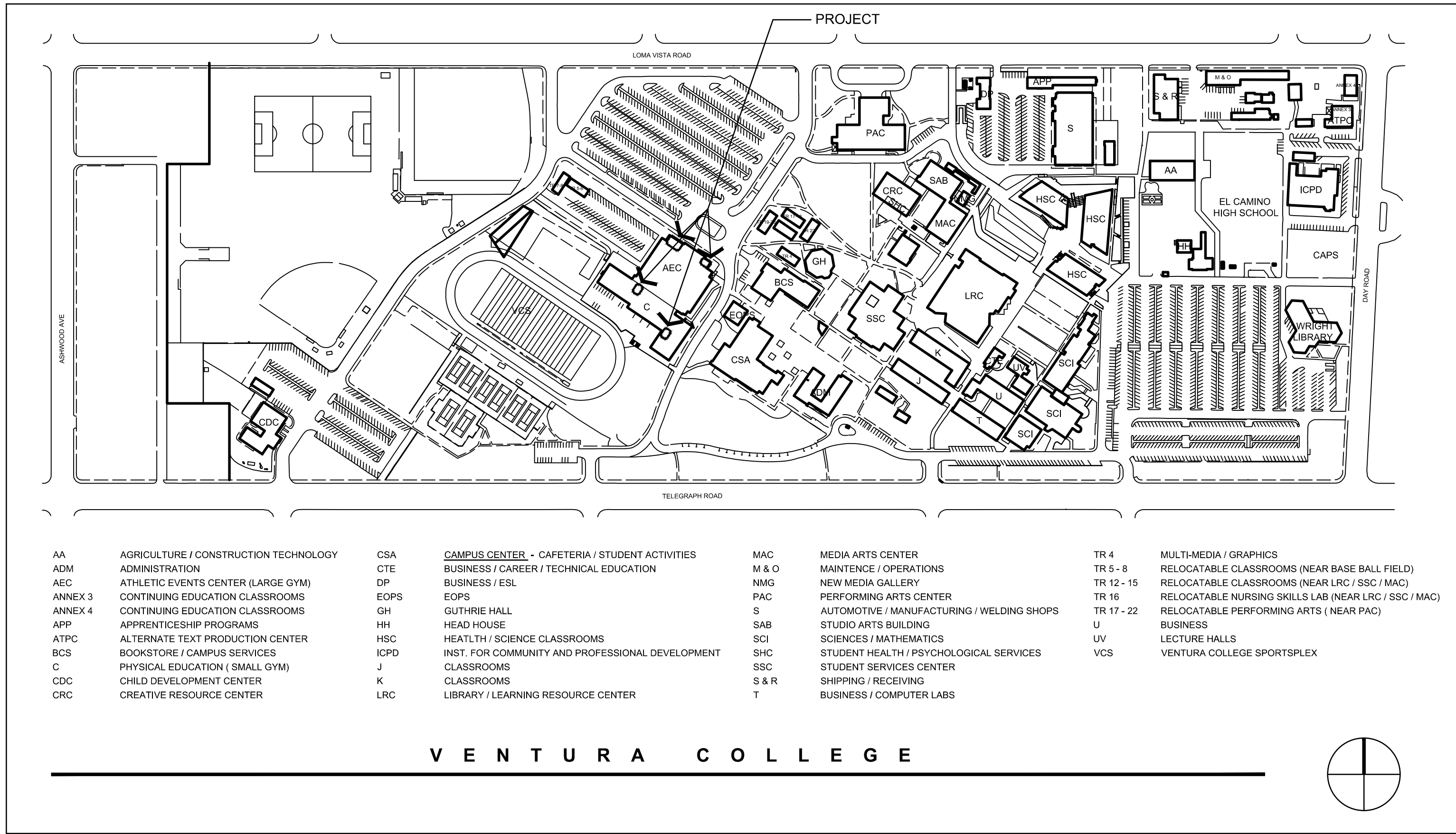


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VENTURA COUNTY COMMUNITY COLLEGE DISTRICT VENTURA COLLEGE



PROJECT ANALYSIS

APN: □□
 ZONING: □□
 LOT AREA: XX SQ. FT.
 TENANT SPACE: XX SQ. FT.
 OFFICES:

FIRE PROTECTION

- ANY ITEMS WHICH PENETRATE FIRE RATED WALLS MUST BE EITHER FERROUS OR COPPER AND FIRE-STOPPED. ELECTRICAL OUTLET BOXES INSTALLED IN FIRE RATED WALLS SHALL BE STEEL. SHALL NOT EXCEED SIXTEEN SQUARE INCHES IN AREA, AND SHALL NOT BE INSTALLED ANY CLOSER TOGETHER THAN ONE PER EVERY ONE HUNDRED SQUARE FEET OF WALL AREA. ITEMS WHICH PENETRATE FIRE RATED WALLS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF TWENTY-FOUR INCHES WHEN ON OPPOSITE SIDES OF A WALL.
- WIRING WITHIN CONCEALED SPACES SHALL COMPLY WITH THE CALIFORNIA MECHANICAL CODE AND CBC SECTION 710.5.

SCOPE OF THE WORK

SCOPE OF WORK:
 COMPLETE RENOVATION / ALTERATION OF FOUR (E) RESTROOMS. THE WORK INCLUDES NEW PLUMBING FIXTURES, PRIVACY TOILET PARTITIONS, GRAB BARS, HAND DRYERS, RESTROOM ACCESSORIES, HARDWARE, LIGHTING FIXTURES, SELF-PRIMING FLOOR DRAINS, CERAMIC FLOOR AND WALL TILES, AND PAINTING.

AT THE TIME THIS BUILDING WAS CERTIFIED FOR OCCUPANCY, IT COMPLIED WITH ALL APPLICABLE CODE REQUIREMENTS. IT IS TECHNICALLY INFEASIBLE TO MEET FULL COMPLIANCE WITH ALL ACCESSIBILITY REQUIREMENTS. AN EXCEPTION IS GRANTED UNDER CBC, SECT. 11B-202.3, EXCEPTION 2, AND TITLE-24, SECT. 202 TO COMPLY WITH ACCESSIBILITY STANDARDS TO THE MAXIMUM EXTENT FEASIBLE.

DEMO NOTES
 REMOVE ALL (E) PLUMBING FIXTURES, ENCLOSURES, WALL TILES, LIGHTING, AND PARTITION WALLS WHERE SHOWN. PREP ALL COMPONENTS IN ORDER TO INSTALL NEW PLUMBING LINES, FIXTURES AND PARTITIONS AT LOCATIONS SHOWN. EXPOSE STUD FRAMING TO INSPECT AS-BUILT CONDITION. REPAIR AND REINFORCE FRAMING AND BLOCKING AS NECESSARY.

CODE ANALYSIS

VENTURA COLLEGE
 OCCUPANCY: E
 CONSTRUCTION:
 HEIGHT: SINGLE-STORY
 NUMBER OF EXITS: 6
 FIRE SPRINKLERS EXISTING: NONE

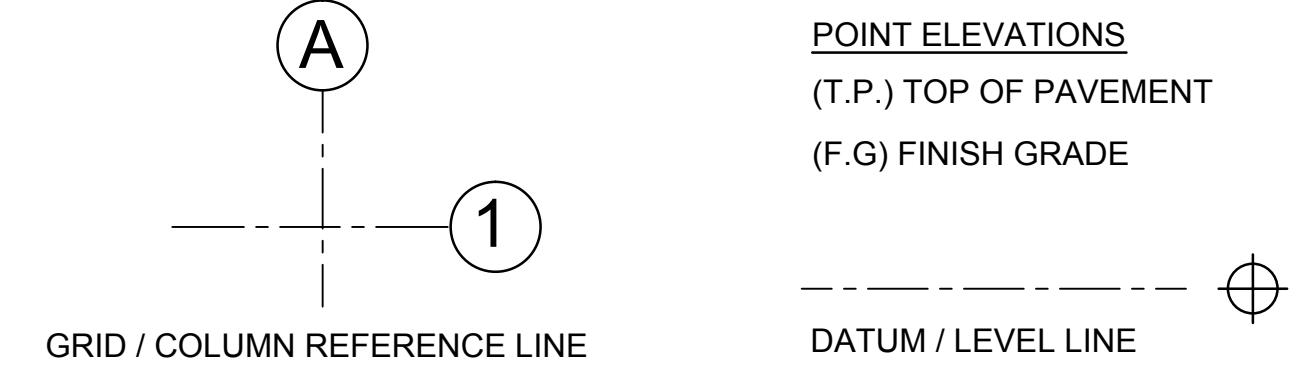
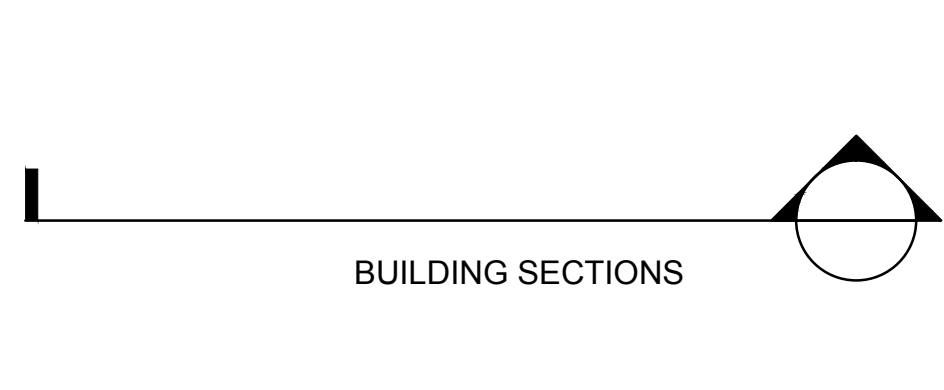
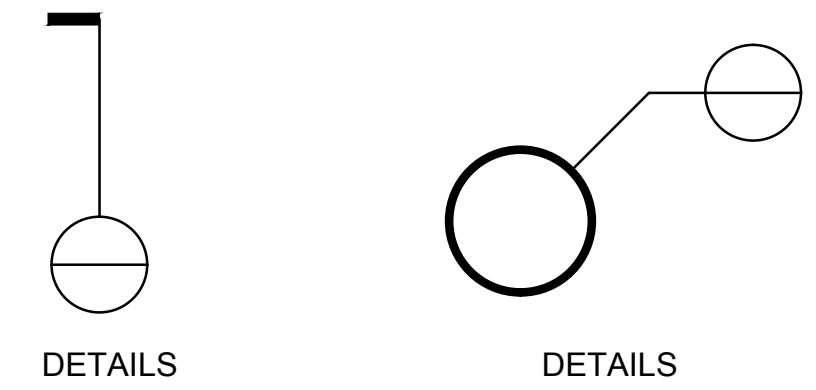
APPLICABLE CODES

- 2013 CBC - CALIFORNIA BUILDING CODE
- 2013 CEC - CALIFORNIA ELECTRICAL CODE
- 2013 CPC - CALIFORNIA PLUMBING CODE
- 2013 CMC - CALIFORNIA MECHANICAL CODE
- 2013 CENc - CALIFORNIA ENERGY CODE
- 2013 CFC - CALIFORNIA FIRE CODE
- 2013 CAC - CALIFORNIA ADMINISTRATIVE CODE
- 2013 CALIFORNIA REFERENCED STANDARDS CODE

TITLE 24 - ENERGY

- CONSTRUCTION IS TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF CALIFORNIA ADMINISTRATIVE CODE, TITLE 24
- TRUE NORTH ANGLE, RELATIVE TO "REFERENCE NORTH" SHOWN ON THE PLANS: □
- THE BUILDER SHALL PROVIDE THE OWNER WITH INSTRUCTIONS ON THE EFFICIENT USE OF LIGHTING AND MECHANICAL SYSTEM COMPONENTS.

DRAWING SYMBOLS



POINT ELEVATIONS
 (T.P.) TOP OF PAVEMENT
 (F.G) FINISH GRADE

DATUM / LEVEL LINE

ABBREVIATIONS

A.B. ANCHOR BOLT	COL. COLUMN	FIN FLR. FINISHED FLOOR ELEVATION	LWT. LIGHT WEIGHT	ROW. RIGHT OF WAY
ADJ. ADJACENT	CONC. CONCRETE	FLUOR. FLOURESCENT	LIN FT. LINEAL FOOT	R.F. ROOF
ASS'Y. ASSEMBLY	CMU. CONCRETE MASONRY UNIT	FTG. FOOTING	(N) NEW	R.O. ROUGH OPENING
ALT. ALTERNATE	CONT. CONTINUOUS	FBO. FURNISHED BY OTHERS	NWF. NATURAL WOOD FINISH	SECT. SECTION
AL. ALUMINUM	CU FT. CUBIC FEET	FUT. FUTURE	N I C. NOT IN CONTRACT	SHT. SHEET
A/C. AIR CONDITIONING	CFM. CUBIC FEET PER MINUTE	GA. GAGE, GAUGE	N.T.S. NOT TO SCALE	S.H. SINGLE HUNG
ANNOD. ANNODI ED	DEMO. DEMOLISH, DEMOLITION	GALV. GALVANI ED	O C. ON CENTER	S.I. SIMILAR
ARCH(L) ARCHITECT(URAL)	DIA. DIAMETER	GL. GLASS, GLA-ING	OPNG. OPENING	S.C. SOLID CORE
AUTO. AUTOMATIC	DIM. DIMENSION	GB. GLASS BLOCK	OPP. OPPOSITE	SPEC(S). SPECIFICATION(S)
B.M. BENCHMARK	DISP. DISPENSER	HDBD. HARD BOARD	O'D. OUTSIDE DIAMETER	S.F. T. SQUARE FOOT
B.TWN. BETWEEN	DIV. DIVISION	HWD. HARDWOOD	O'HEAD. OVERHEAD	T.S. TUBE SECTION
B.TTM. BOTTOM	D.H. DOUBLE HUNG	HD. HEAVY DUTY	PH. PHONE	STL. STEEL
BLDG. BUILDING	DS. DOWN SPOUT	HT. HEIGHT	PTN. PARTITION	SST'L. STAINLESS STEEL
B.U.R. BUILT UP ROOF	D. DEPTH	HM. HOLLOW CORE	PLAS LAM. PLASTIC LAMINATE	STD. STANDARD
CABT. CABINET	DWG. DRAWING	HC. HOLLOW CORE	PL. PLATE, PROPERTY LINE	SYS. SYSTEM
CSMNT. CASEMENT	D.F. DOUGLAS FIR	HM. HOLLOW METAL	PWD. PLYWOOD	THK. THICKNESS
CATV. CABLE TELEVISION	(E) EXISTING	HORI. HORIZONTAL	PTDF. PRESSURE TREATED DOUGLAS FIR	T&G. TONGUE AND GROOVE
CAI. CAST IRON	ENCL. ENCLOSURE	HB. HOSE BIBB	PSF. POUNDS PER SQUARE FOOT	TYP. TYPICAL
CLG. CEILING	E. EQUAL	I.D. INSIDE DIAMETER	PSI. POUNDS PER SQUARE INCH	VERT. VERTICAL
		INSUL. INSULATION		

SHEET INDEX

ARCHITECTURAL

- A-0 COVER SHEET
- A-1 KEY PLAN
- A-2 AEC: DEMOLITION PLANS
- A-3 AEC: (N) MEN'S / WOMEN'S FLOOR PLANS
- A-4 INTERIOR RESTROOM ELEVATIONS
- A-5 SELECTED DETAILS
- A-6 TYPICAL ACCESSIBILITY DETAILS

ELECTRICAL

- E-100 ELECTRICAL COVER SHEET / NOTES
- E-150 ELECTRICAL SITE PLAN / KEY PLAN
- E-300 ELECTRICAL LIGHT FIXTURE SCHEDULE
- E-400 ELECTRICAL DEMOLITION PLANS
- E-401 ELECTRICAL POWER / LIGHTING PLANS
- E-402 ELECTRICAL PANEL SCHEDULE
- E-600 ELECTRICAL DOOR ACTIVATOR DETAIL

PLUMBING

- P-1 PLUMBING COVER SHEET
- P-2 AEC PLUMBING FLOOR PLANS
- P-3 SELECTED PLUMBING DETAILS

MECHANICAL - HVAC

- M-1 AEC / C: MECHANICAL DUCT PLANS

REVISIONS	DATE	BY
	01 DEC 15	REC
	15 DEC 15	REC
	02 APR 16	REC

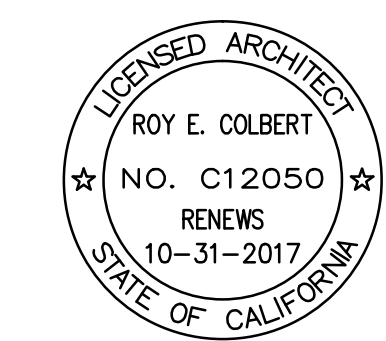
ROY E COLBERT

ARCHITECTURE
PLANNING
DESIGN

353 SAN JON ROAD
VENTURA, CA 93001

805 / 650, 8690 PH
805 / 650, 9589 FX
rcobt@sbcglobal.net

CALIFORNIA C12050
N.C.A.R.B.



This project has been designed by me, or under my direct supervision.

VENTURA COUNTY
COMMUNITY
COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM
MEN & WOMEN
RESTROOM
RENOVATION

PROJECT DIRECTORY

SOILS ENGINEER / SEPTIC SYSTEM:
XXXX

CIVIL ENGINEER:
XXXX

STRUCTURAL ENGINEER:
XXXX

ELECTRICAL ENGINEER:
LUCCI & ASSOCIATES
805/389.6520

MECHANICAL ENGINEER:
A/E GROUP
805/653.1722

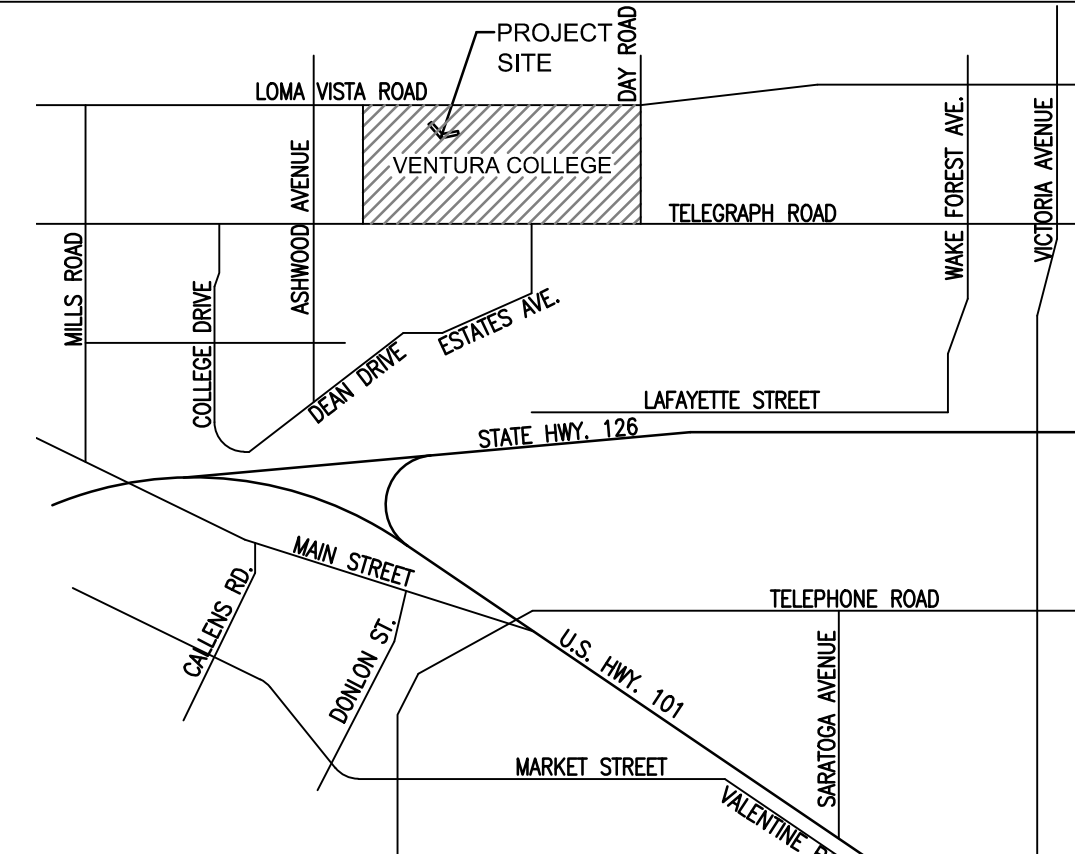
LANDSCAPE ARCHITECT:
XXXX

WATER SYSTEM / FIRE PROTECTION SYSTEM:
XXXX

CONSULTANTS

ELECTRICAL ENGINEER: LUCCI & ASSOCIATES
 KEN LUCCI
 3251 CORTE MALPASO
 CAMARILLO, CALIFORNIA 93012-8094
 805.389.6520

VICINITY MAP



THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

AEC: EVENT CENTER
MEN & WOMEN
RESTROOM
COVER SHEET

SHEET NAME

DATE

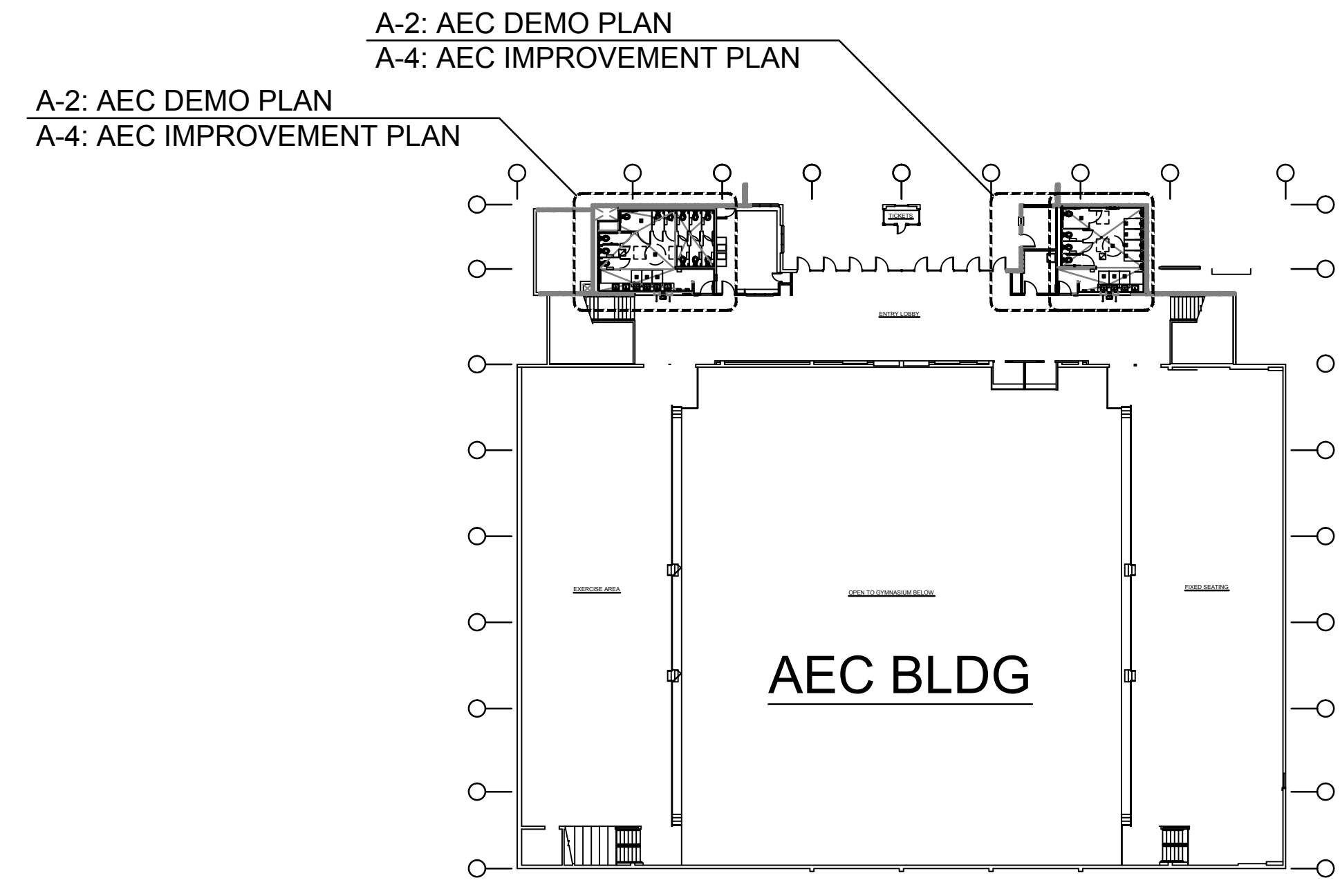
SCALE AS SHOWN

PROJECT C15 - 007

15-007:AEC: COVER 00
SHEET NUMBER OF SHEETS

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UPPER LEVEL FLOOR PLAN

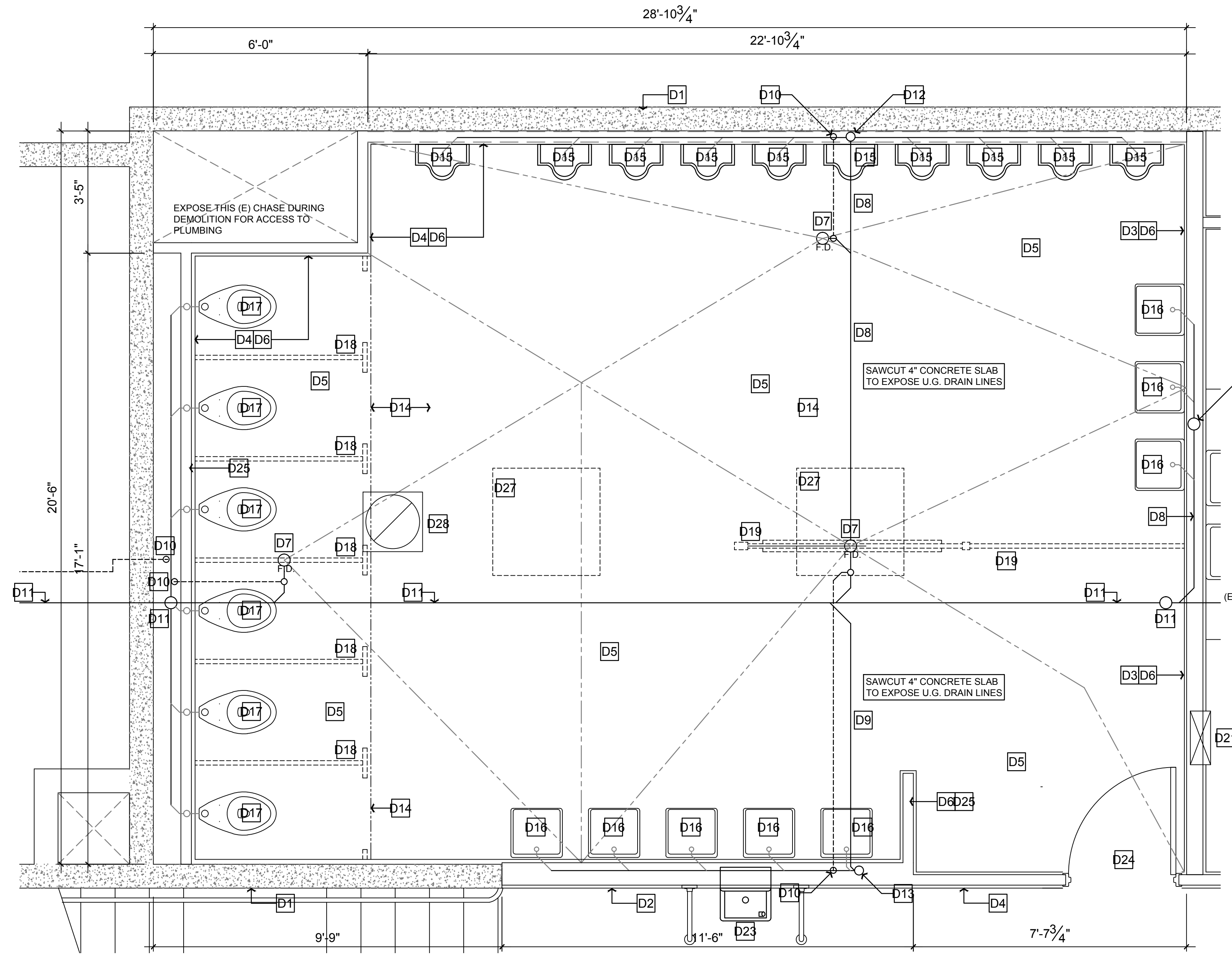
SCALE: 1/8" = 1'-0"

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REVISIONS	DATE	BY
△	01 DEC 15	REC
△	15 DEC 15	REC
△	02 APR 16	REC
△		
<p>ROY E COLBERT</p> <p>ARCHITECTURE PLANNING DESIGN</p> <p>353 SAN JON ROAD VENTURA, CA 93001</p> <p>805 / 650 . 9590 PH 805 / 650 . 9589 FX roelb@sbglobal.net CALIFORNIA C12050 N.C.A.R.B.</p>		
<p>This project has been designed by me, or under my direct supervision.</p>		
<p>VENTURA COUNTY COMMUNITY COLLEGE DISTRICT</p> <p>VENTURA COLLEGE 4667 Telegraph Road Ventura, CA 93003</p> <p>AEC GYMNASIUM MEN & WOMEN RESTROOM RENOVATION</p>		
<p>PROJECT DIRECTORY</p> <p>SOILS ENGINEER / SEPTIC SYSTEM: XXXX</p> <p>CIVIL ENGINEER: XXXX</p> <p>STRUCTURAL ENGINEER: XXXX</p> <p>ELECTRICAL ENGINEER: LUCCI & ASSOCIATES 805/389.6520</p> <p>MECHANICAL ENGINEER: A/E GROUP 805/653.1722</p> <p>LANDSCAPE ARCHITECT: XXXX</p> <p>WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXXX</p>		
<p>AEC: EVENT CENTER MEN & WOMEN RESTROOM KEY PLANS</p>		
SHEET NAME		
DATE		
SCALE AS SHOWN		
PROJECT C15 - 007		
15-007:AEC: A-1		00
SHEET NUMBER OF SHEETS		

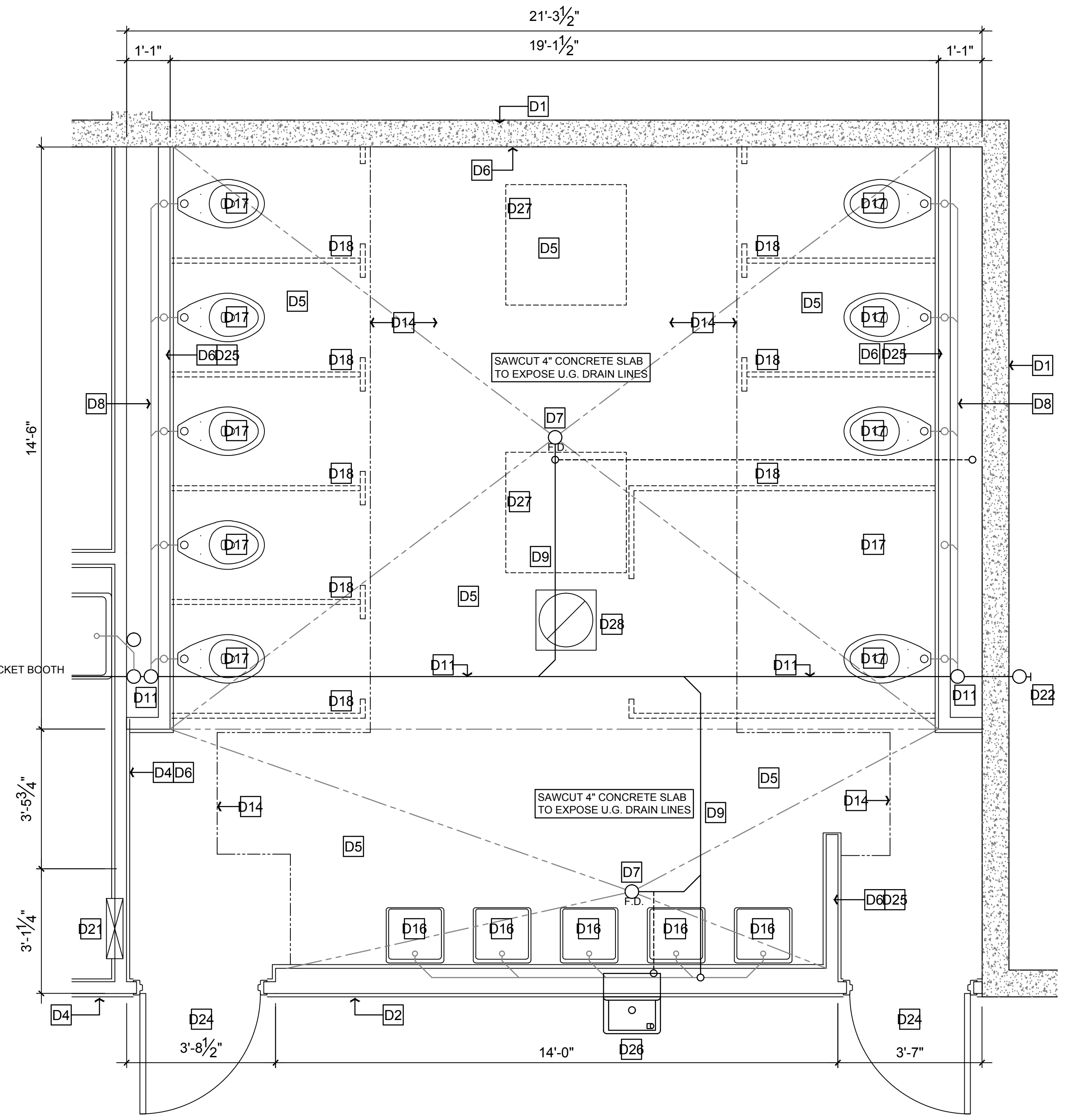
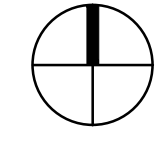
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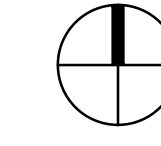
AEC: EXISTING MEN'S ROOM DEMOLITION FLOOR PLAN

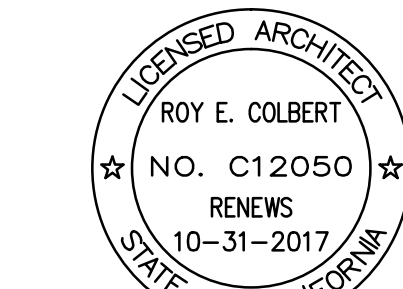
SCALE: 1/2" = 1'-0"



AEC: EXISTING WOMEN'S ROOM DEMOLITION FLOOR PLAN

SCALE: 1/2" = 1'-0"



REVISIONS	DATE	BY
△	15 JUL 16	REC
△	30 AUG 16	REC
△	15 SEP 16	REC
ROY E COLBERT		
ARCHITECTURE PLANNING DESIGN		
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CALIFORNIA C12050 N.C.A.R.B.		
		
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VENTURA COUNTY COMMUNITY COLLEGE DISTRICT		
VENTURA COLLEGE 4667 Telegraph Road Ventura, CA 93003		
AEC: GYMNASIUM MEN & WOMEN RESTROOM RENOVATION		
PROJECT DIRECTORY		
SOILS ENGINEER / SEPTIC SYSTEM: XXXX		
CIVIL ENGINEER: XXXX		
STRUCTURAL ENGINEER: XXXX		
ELECTRICAL ENGINEER: LUCCI & ASSOCIATES 805/389.6520		
MECHANICAL ENGINEER: A/E GROUP 805/653.1722		
LANDSCAPE ARCHITECT: XXXX		
WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXX1		
AEC: EVENT CENTER MEN & WOMEN RESTROOMS DEMO FLOOR PLANS		
SHEET NAME		
DATE		
SCALE AS SHOWN		
PROJECT C15 - 007		
15-007:AEC: A-2 00		
SHEET NUMBER OF SHEETS		

DEMO KEY NOTES

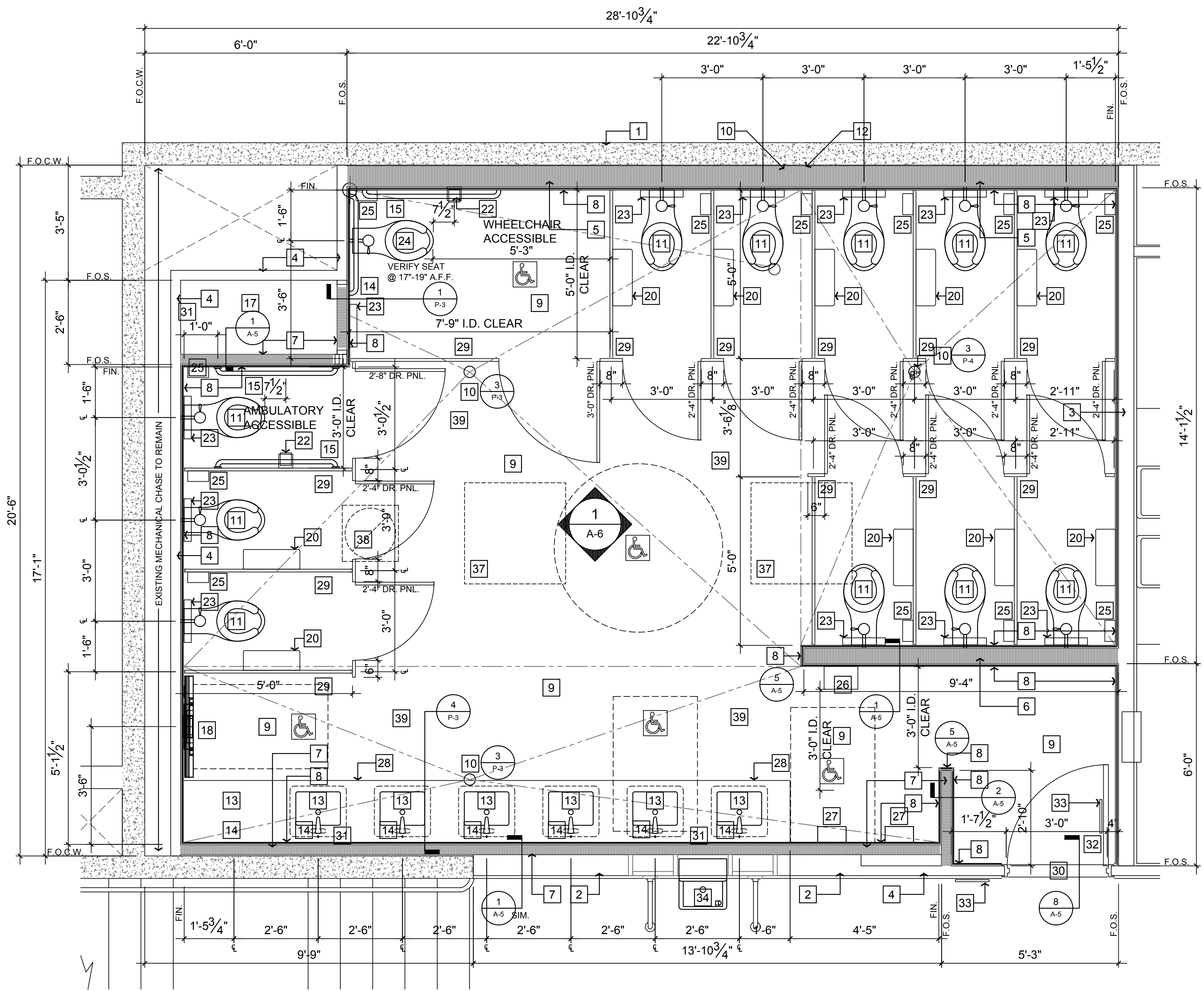
- D1** (E) 8-INCH CONCRETE WALL TO REMAIN
- D2** (E) 2 x 8 WOOD STUD PARTITION TO REMAIN REINFORCE AS REQUIRED FOR STABILITY
- D3** (E) 2 x 6 WOOD STUD PARTITION TO REMAIN REINFORCE AS REQUIRED FOR STABILITY
- D4** (E) 2 x 4 WOOD STUD PARTITION TO REMAIN REINFORCE AS REQUIRED FOR STABILITY
- D5** REMOVE (E) TILE FLOORING & REPAIR MORTAR BED
- D6** REMOVE (E) WALL TILE & BACKING
- D7** REMOVE (E) FLOOR DRAIN & WASTE LATERAL SAWCUT AS REQUIRED
- D8** REMOVE (E) 3-INCH C.I. WASTE LATERAL
- D9** REMOVE (E) 2-INCH C.I. WASTE LATERAL
- D10** (E) 2-INCH V.T.R. (UP) TO REMAIN
- D11** (E) 4-INCH CAST IRON WASTE LATERAL (DOWN) TO REMAIN
- D12** (E) 3-INCH CAST IRON WASTE LATERAL (DOWN) TO REMAIN
- D13** (E) 2-INCH CAST IRON WASTE LATERAL (DOWN) TO REMAIN
- D14** REMOVE (E) PLASTER CEILING AND WOOD FRAMED SOFFITS
- D15** REMOVE (E) WALL HUNG URINALS
- D16** REMOVE (E) WALL HUNG LAVATORIES
- D17** REMOVE (E) WALL HUNG TOILETS
- D18** REMOVE (E) TOILET ENCLOSURE PARTITIONS
- D19** REMOVE (E) PRIVACY PARTITION
- D20** REMOVE (E) ACCESSORIES: SHELVES/MIRRORS/ TOWEL DISPENSERS/ ETC.
- D21** (E) ELECTRICAL PANEL TO BE PROTECTED
- D22** 4-INCH C.O.T.G. TO REMAIN
- D23** (E) DRINKING FOUNTAINS TO REMAIN
- D24** REMOVE (E) DOORS & PREP FOR (N)
- D25** REMOVE (E) 2 x 4 FRAMED WALL
- D26** REMOVE (E) DRINKING FOUNTAIN AT THIS LOCATION
- D27** (E) SKYLIGHTS TO REMAIN - REMOVE CEILING TILES & PREP FOR (N) GYP. BD.
- D28** REMOVE/REPLACE EXHAUST FAN COVER PLATE - WHITE

SCOPE OF DEMOLITION WORK:
REMOVE ALL (E) PLUMBING FIXTURES, FLOOR DRAINS, TOILET ENCLOSURES, WALL TILES, FLOOR TILES, LIGHT FIXTURES, SWITCHES AND PARTITION WALLS WHERE SHOWN. PREPARE ALL COMPONENTS IN ORDER TO INSTALL NEW PLUMBING LINES, SELF-PRIMING FLOOR DRAINS, PLUMBING FIXTURES, LIGHT FIXTURES, SWITCHES AND TOILET PARTITIONS AT LOCATIONS SHOWN. THIS INCLUDES EXPOSING STUD FRAMING TO INSPECT THE EXISTING AS-BUILT CONDITION. REPAIR AND REINFORCE FRAMING AND ADD BLOCKING AS NECESSARY TO ANCHOR THE NEW WALL MOUNTED FIXTURES AND APPLIANCES.

ISSUED FOR CONSTRUCTION

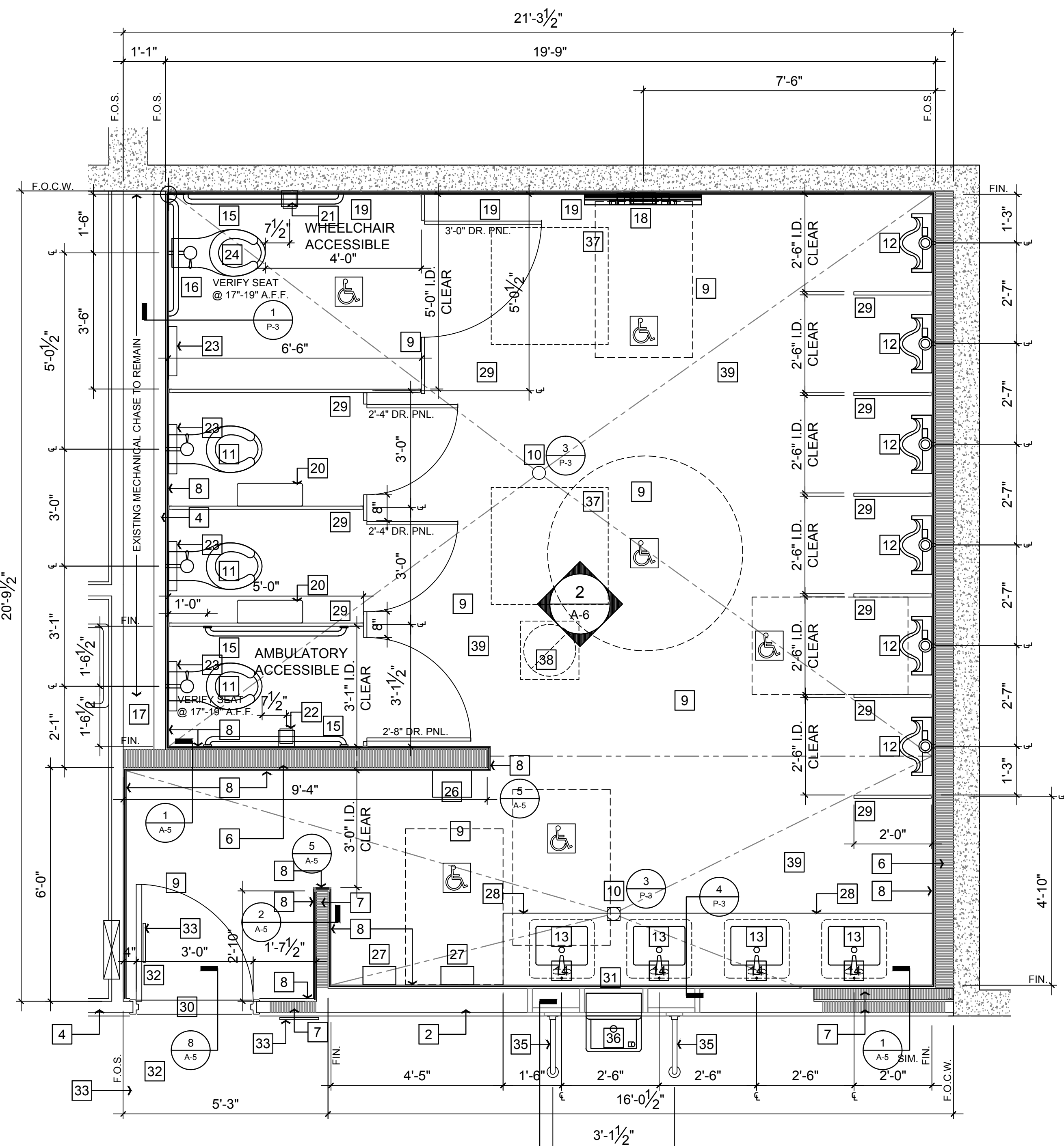
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AEC: (N) WOMEN'S ROOM FLOOR PLAN

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



AEC: (N) MEN'S ROOM FLOOR PLAN

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

RESTROOM FINISH SCHEDULE						
TILE	GROUT	WALLS: ACCESSORIES	PAINT	FLOORS TILE	MEMBRANE	ACCESSORIES
FLORIANA "HEATHER" 12" x 24" (LOWES) 0486888 PORCELAIN	TFC ADVANCED PERFORMANCE 840 "ANTI-UE WHITE"	FINISH VERTICAL EDGE: SCHLUTER "SCHEINE" 10 (3/4") EDGE PROFILE: STAINLESS STEEL	DUNN EDWARDS: DEW 382 FADED GRAY @ WALLS ABOVE TILE & CEILINGS	AMERICAN OLEAN "SHADOW BAY" SEA GRASS SHS2 12" x 12" PORCELAIN	CUSTOM "REDGARD" WATERPROOF & CRACK ISOLATION	COVE BASE: SCHLUTER "DILEX-HKUE" 1/2" HURK 10E AT CORNERS: STAINLESS STEEL

KEY NOTES

- 1 (E) 8-INCH CONCRETE WALL TO REMAIN
- 2 (E) 2 8 WOOD STUD PARTITION TO REMAIN REINFORCE AS RE: 'D FOR STABILITY
- 3 (E) 2 6 WOOD STUD PARTITION TO REMAIN REINFORCE AS RE: 'D FOR STABILITY
- 4 (E) 2 4 WOOD STUD PARTITION TO REMAIN REINFORCE AS RE: 'D FOR STABILITY
- 5 (N) 2 8 WOOD STUD PARTITION
- 6 (N) 2 4 WOOD STUD PARTITION
- 7 (N) 2 4 WOOD STUD PARTITION
- 8 PORCELAIN WALL TILE w/ THINSET MORTAR @ 1/2" DUROCK BOARD TO 8-FT - TYP. ALL WALLS
- 9 CERAMIC TILE FLOORING w/ THINSET w/ CUSTOM "REDGARD" MEMBRANE
- 10 INSTALL (N) URN SELF-PRIMING FLOOR DRAIN VERIFY MODEL WITH VENTURA COLLEGE M&O
- 11 KOHLER KINGSTON TOILET - K-4325 (WHITE) / K-4731-C SEAT 1.6 GPF - SEE PLUMBING PLANS
- 12 KOHLER DEXTER URINAL - K-0-6015-ET (WHITE) 0.5 GPF - SEE PLUMBING PLANS
- 13 KOHLER TAHOE LAVATORY - K-2890-4U (WHITE) UNDERCOUNTER MOUNT - SEE PLUMBING PLANS
- 14 CHICAGO FAUCET - 802-V 317ABCPD
- 15 42" L x 1 1/2" DIAM. STAINLESS STEEL GRAB BAR @ 33" - 36" A.F.F. (DISABLED ACCESS)
- 16 36" L x 1 1/2" DIAM. STAINLESS STEEL GRAB BAR @ 33" - 36" A.F.F. (DISABLED ACCESS)
- 17 EXTEND (E) MECHANICAL CHASE AS RE: UURED FOR (N) PLUMBING FIXTURES/STALLS
- 18 ASI 9012 BABY CHANGING STATION - SURFACE MOUNT - NOTE MEN'S ROOM CONDITION
- 19 GRAB BAR / PARTITION / CHANGING STATION SHALL BE MOUNTED INTO CONCRETE WALL WITH 1/2" EPOXY ANCHOR INTO CONCRETE WALL
- 20 GEORGIA PACIFIC 56588 SOFFPULL TOILET TISSUE DISPENSER - INSTALL BY CONTRACTOR
- 21 BOBRICK B-2888 TOILET TISSUE DISPENSER SURFACE MOUNT / EXPANSION ANCHOR INTO CONCRETE WALL
- 22 BOBRICK B-2888 TOILET TISSUE DISPENSER SURFACE MOUNT
- 23 GEORGIA PACIFIC 57710 SAF-T-GARD TOILET SEAT COVER DISPENSER - INSTALL BY CONTRACTOR
- 24 KOHLER KINGSTON TOILET - K-4325 (WHITE) / K-4731-C SEAT 1.6 GPF - SEE PLUMBING PLANS
- 25 BOBRICK B-270 SANITARY NAPKIN DISPOSAL AT WOMEN'S COMPARTMENTS
- 26 WAXIE "CLEAN & SOFT" 650693 TOWEL DISPENSER SURFACE MOUNT (SUPPLIED BY VENTURA COLLEGE)
- 27 EXTREME-AIR GX15-M ELECT. HAND DRYER 120V / 1500 W / 6.5 AMP @ SEPARATE CIRCUIT
- 28 COUNTER TOP: 3/4" GRANITE "LUNA PEARL", FROM PACIFIC STONEWORKS, 31 PEKING ST., VENTURA, CA 93001 805849.4098 w/ 3/4" PLYWOOD
- 29 METPAR "THE CORINTHIAN" FP-500SS TOILET COMPARTMENT PARTITIONS ROTARY BRUSH SWIRL 3/8" STAINLESS STL / 4 SATIN FIN. NOTE: OUTSWING DOORS AND LATCHSETS
- 30 PENKO SADDLE ADA THRESHOLD TO BLEND (N) FLOOR TILES FOR A SMOOTH FINISH SURFACE
- 31 16" x 16" 12" 12" STAINLESS STEEL WALL ACCESS PNLS - COORDINATE WITH PLUMBER
- 32 (N) 3-FIT WIDTH DOOR / IN-SWING / PUSH-PULL HARDWARE / CLOSER / 1/2" PR STNLS SS STL HINGES
- 33 INSTALL (N) DISABLED ACCESS SIGNAGE FOR UNISEX RESTROOMS PER CBC, CHAP. 11
- 34 (E) DRINKING FOUNTAIN & RAILINGS TO REMAIN
- 35 INSTALL (N) 1 1/2" DIAM. STAINLESS STEEL PIPE RAILS / 2" BLOCKS IN (E) WALL - 3'-0" I.D. CLEAR
- 36 (N) DRINKING FOUNTAIN - ELKAY L SG3WSSK STAINLESS STEEL PER ADA RE: 'TS
- 37 (E) SKYLIGHTS TO REMAIN - (N) 3/4" TYPE-X GYP. BD. AT LIGHT-WELL SHAFT
- 38 (N) EXHAUST FAN COVER PLATE - WHITE
- 39 (N) 3/4" TYPE-X (1-HR) GYP. BD. CEILING THROUGHOUT

NOTES:

- 1 THINSET MORTAR: FOR PORCELAIN TILE (WHITE)
- 2 SEAL ALL GROUT WITH A: URMIX PENETRATING SEALER
- 3 INSTALL 1/2" DUROCK BACKERBOARD @ (1) - 8 MIL POLYETHYLENE MOISTURE BARRIER / 1/2" SUPERIOR-BELT BACKER BOARD SCREWS
- 4 8-INCH CENTER TCA HANDBOOK DETAIL - EJ-171) ACCESSIBLE TOILETS SHALL BE FITTED WITH URN - ERKWAY ONE-ELECTRONIC FLUSH VALVES. ALL OTHER TOILETS SHALL BE FITTED WITH THE SLOAN 111-1 HET MANUAL FLUSH VALVES
- 5 GEORGIA PACIFIC ITEMS 20 & 23 WILL BE SUPPLIED BY VENTURA COLLEGE AND SHALL BE INSTALLED BY THE CONTRACTOR
- 6 WAXIE TOWEL DISPENSER 26 WILL BE SUPPLIED BY VENTURA COLLEGE AND SHALL BE INSTALLED BY THE CONTRACTOR
- 7 FURF CEILING DOWN AS RE: UURED TO SEAL OVERHEAD PLUMBING LINES AND HVAC DUCTS PER DTL 16A.7
- 8 REINFORCE THE REPLACEMENT CONCRETE SLAB WITH 4 BARS, GRADE 60, AT 24" O.C.W. BELOW THE NEW SLAB TO THE EXISTING SLAB WITH 4 BARS AT 48" O.C.
- 9 REMOVE (E) CEILING TILES & INSTALL (N) 3/4" TYPE-X GYP. BD. USG "PURPLE BOARD" FOR WET LOCATIONS.

REVISIONS	DATE	BY
△	15 JUL 16	REC
△	30 AUG 16	REC
△	15 SEP 16	REC

ROY E COLBERT

ARCHITECTURE
PLANNING
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353 SAN JON ROAD
VENTURA, CA 93001

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CALIFORNIA C12050
N.C.A.R.B.

This project has been designed by me, or under my direct supervision.

VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC: GYMNASIUM MEN & WOMEN RESTROOM RENOVATION

PROJECT DIRECTORY

SOILS ENGINEER / SEPTIC SYSTEM:
XXXX

CIVIL ENGINEER:
XXXX

STRUCTURAL ENGINEER:
XXXX

ELECTRICAL ENGINEER:
LUCCI & ASSOCIATES
805/389 6520

MECHANICAL ENGINEER:
A/E GROUP
805/653.1722

LANDSCAPE ARCHITECT:
XXXX

WATER SYSTEM / FIRE PROTECTION SYSTEM:
XXXX

AEC: EVENT CENTER MEN & WOMEN RESTROOMS FLOOR PLANS

SHEET NAME

DATE

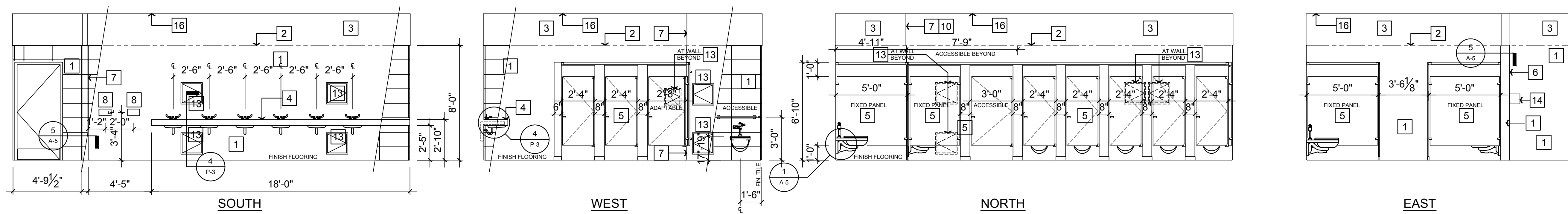
SCALE **AS SHOWN**

PROJECT **C15 - 007**

15-007.AEC: A-3 **00**

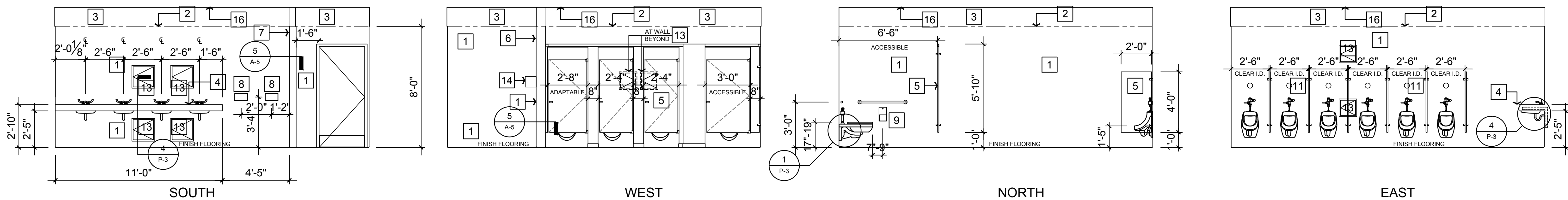
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1 AEC LOBBY: (N) WOMEN'S ROOM INTERIOR ELEVATIONS

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



2 AEC (N) MEN'S ROOM INTERIOR ELEVATIONS

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

KEY NOTES

- 1 WALL TILE: FLORIANA "HEATHER" or THINSET
- 2 LINE OF WALL TILE
- 3 PAINT: DUNN-EDWARDS DEW 382 FADED GRAY
- 4 COUNTER TOP: GRANITE "LUNA PEARL" PER PACIFIC STONENWORKS, VENTURA, CA
- 5 PARTITIONS: MET-PAR CORP.
- 6 (N) 2x4 WOOD STUD PARTITION
- 7 (N) 2x4 WOOD STUD PARTITION
- 8 EXTREME-AIR GXTM-ELECT HAND DRYER: 120V / 6.5AMP or SEPARATE CIRCUIT
- 9 SEMI-RECESSED A.D.A. RATED DISPENSER BOBRICK - SUBMIT MFR'S TECH DATA
- 10 LINE OF WALL BEYOND - EXTEND CHASE AS MINIMUM RE-REQUIRED FOR DUCTS & LINES
- 11 CLEAN-OUTS ABOVE EACH URINAL - 7/4-INCH DIAM. STAINLESS STEEL ACCESS PANELS
- 12 WAXIE "CLEAN & SOFT" 850593 TOWEL DISPENSER SURFACE MOUNT (SUPPLIED BY VENTURA COLLEGE)
- 13 16", 18", 12" 12" STAINLESS STEEL WALL ACCESS PNLs - COORDINATE WITH PLUMBER
- 14 WAXIE "CLEAN & SOFT" 850593 TOWEL DISPENSER SURFACE MOUNT (SUPPLIED BY VENTURA COLLEGE)
- 15 RICHARDS-WILCOX 105 SERIES SLIDING DOOR ASSY - STAY ROLLER & H.D. OFFSET HASP
- 16 (N) 1/2" TYPE-X (1-HR) GYP. BD. CEILING THROUGHOUT

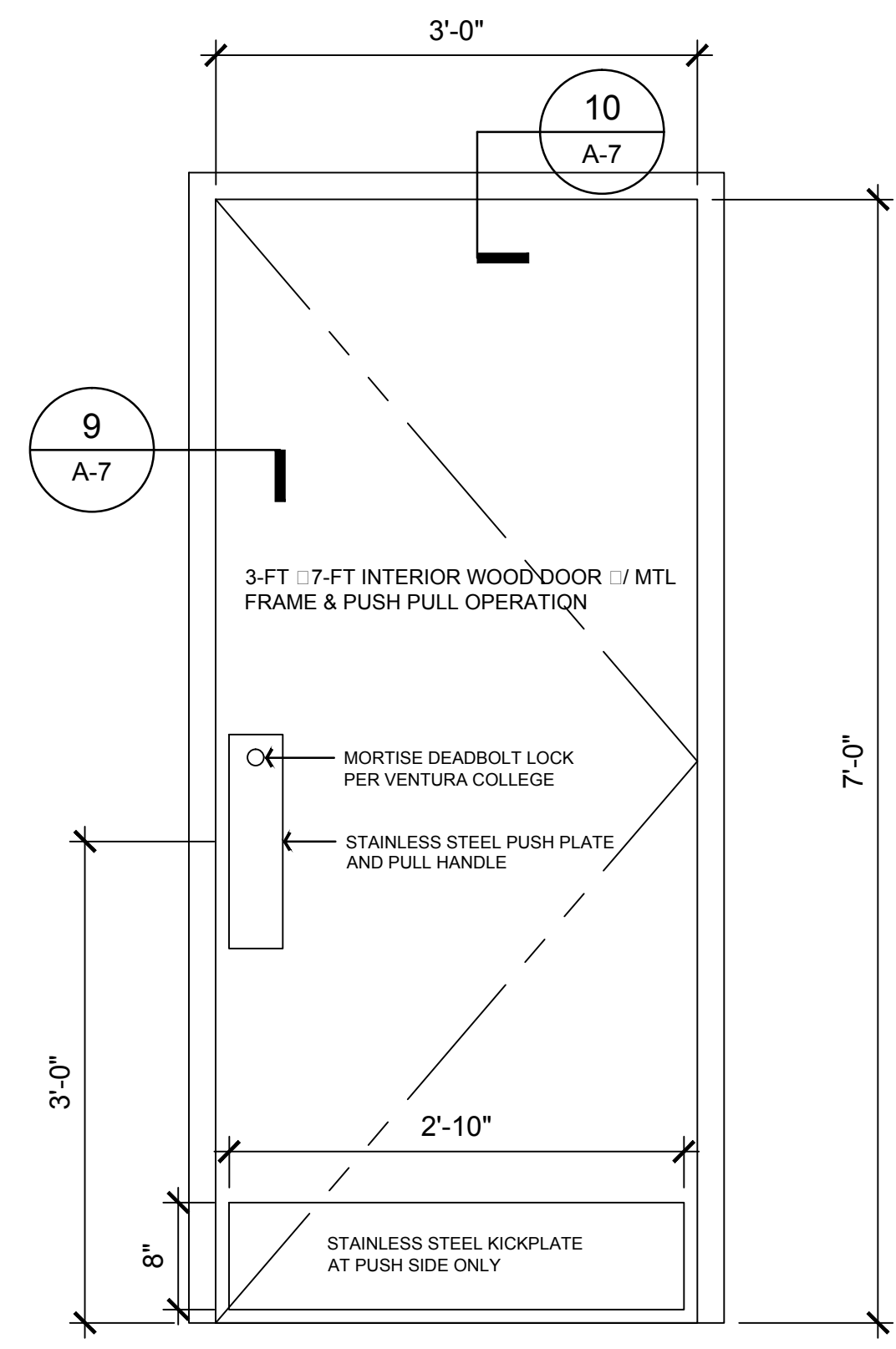
NOTES:

- 1. FURR DOWN THE FINISH CEILING AS MAY BE REQUIRED TO ACCOUNT FOR OVERHEAD PLUMBING LINES AND HVAC DUCTS PER 61A-7
- 2. ALL VERTICAL INSTALLATION DIMENSIONS ARE INTENDED TO COMPLY WITH ALL RELEVANT ACCESSIBILITY REQUIREMENTS.
- 3. CONFIRM THE SIZE AND LOCATIONS OF STAINLESS STEEL ACCESS PANELS (NOTE 13)
- 4. CONFIRM THE OPENING (HINGED OR SCREWED) OF ACCESS PANELS.

REVISIONS	DATE	BY
△	15 JUL 16	REC
△	30 AUG 16	REC
△	15 SEP 16	REC
<p>ROY E COLBERT</p> <p>ARCHITECTURE PLANNING DESIGN</p> <p>353 SAN JON ROAD VENTURA, CA 93001</p> <p>805 / 650, 9590 PH 805 / 650, 9589 FX rcolb@sbcglobal.net CALIFORNIA C12050 N.C.A.R.B.</p>		
<p>This project has been designed by me, or under my direct supervision.</p>		
<p>VENTURA COUNTY COMMUNITY COLLEGE DISTRICT</p> <p>VENTURA COLLEGE 4667 Telegraph Road Ventura, CA 93003</p> <p>AEC: GYMNASIUM MEN & WOMEN RESTROOM RENOVATION</p>		
<p>PROJECT DIRECTORY</p> <p>SOILS ENGINEER / SEPTIC SYSTEM: XXXX</p> <p>CIVIL ENGINEER: XXXX</p> <p>STRUCTURAL ENGINEER: XXXX</p> <p>ELECTRICAL ENGINEER: LUCCI & ASSOCIATES 805/389.6520</p> <p>MECHANICAL ENGINEER: A/E GROUP 805/653.1722</p> <p>LANDSCAPE ARCHITECT: XXXX</p> <p>WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXX</p>		
<p>AEC: EVENT CENTER MEN & WOMEN RESTROOMS ELEVATIONS</p>		
SHEET NAME		
DATE		
SCALE AS SHOWN		
PROJECT C15 - 007		
15-007:AEC: A-4 00		
SHEET NUMBER OF SHEETS		

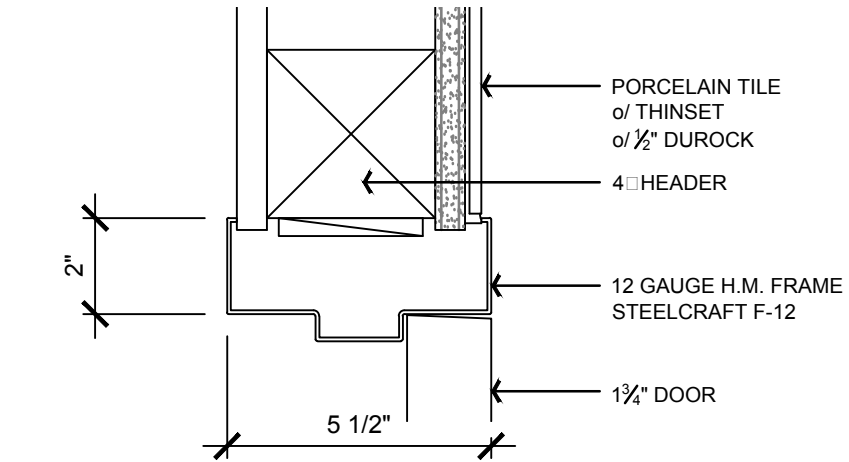
THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

ISSUED FOR CONSTRUCTION

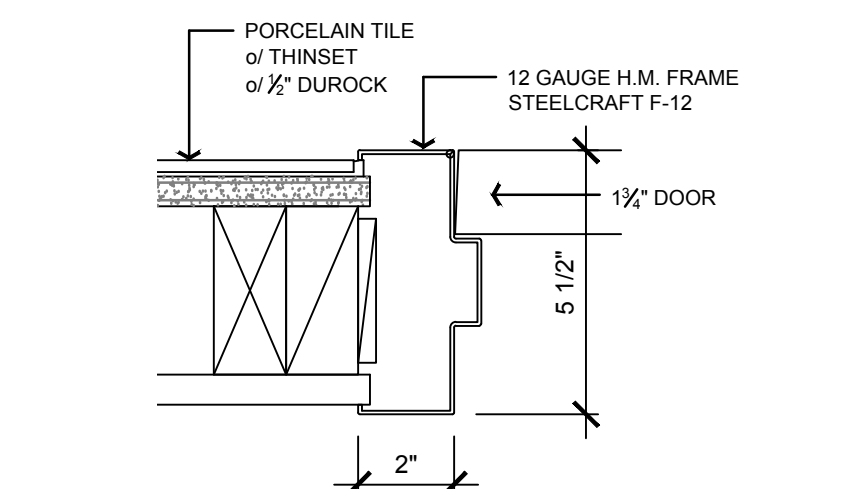


AEC: TYPICAL WOOD DOORS

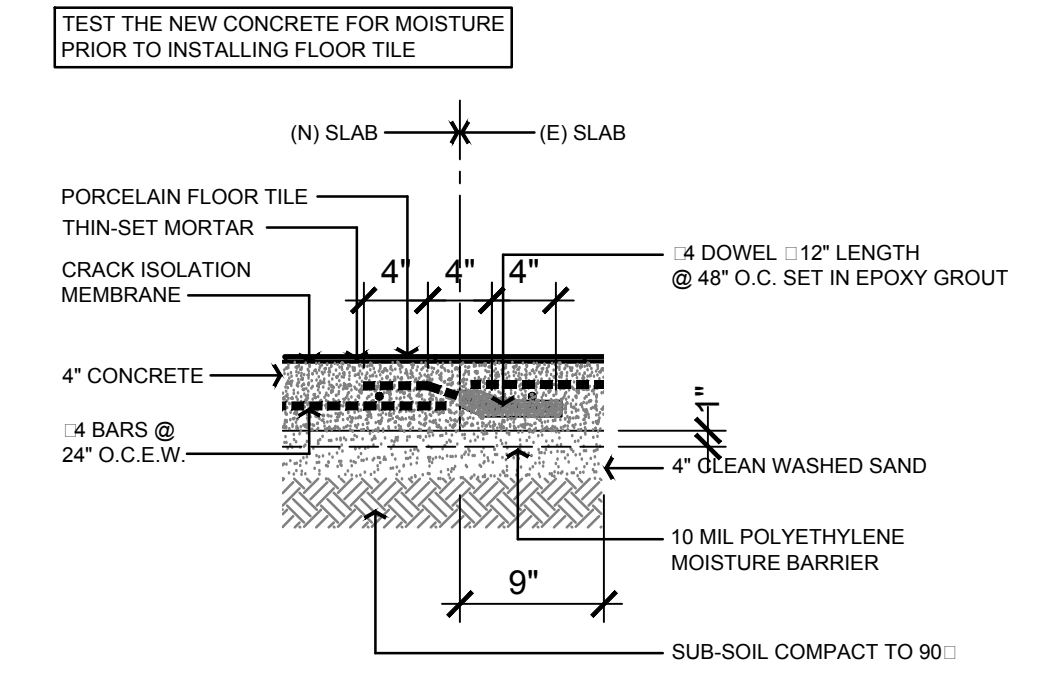
8 DOORS
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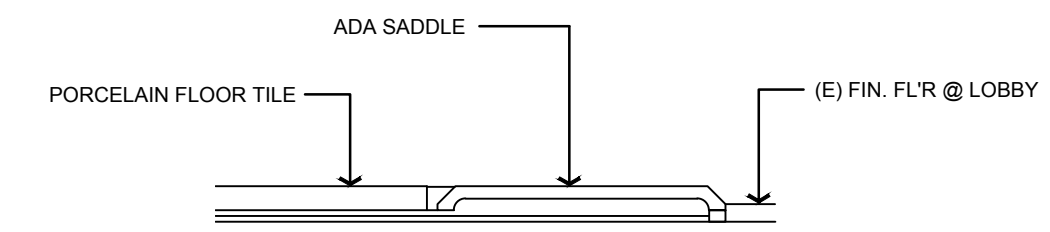
10 HEAD DETAIL
SCALE: 3" = 1'-0"



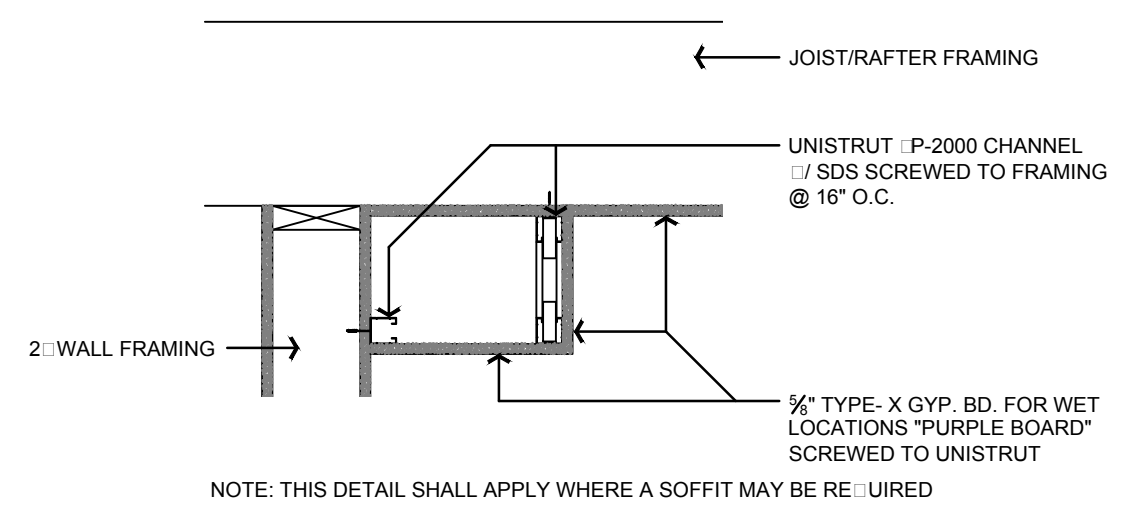
9 JAMB DETAIL
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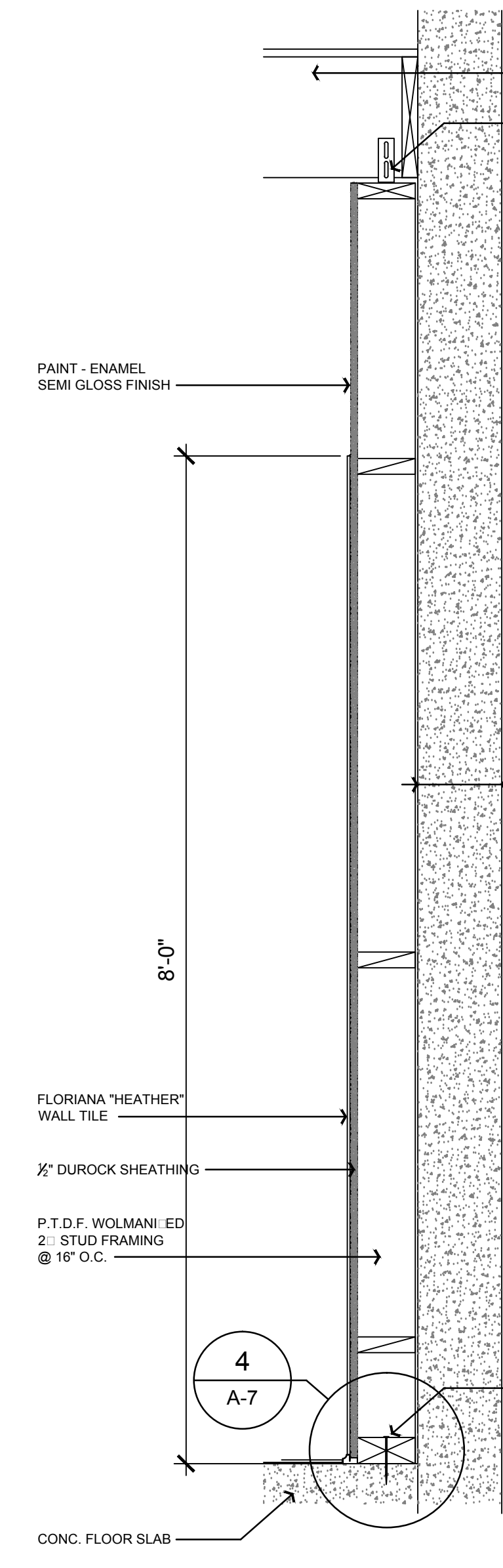
7 REPLACEMENT CONCRETE DETAIL
SCALE: 1" = 1'-0"



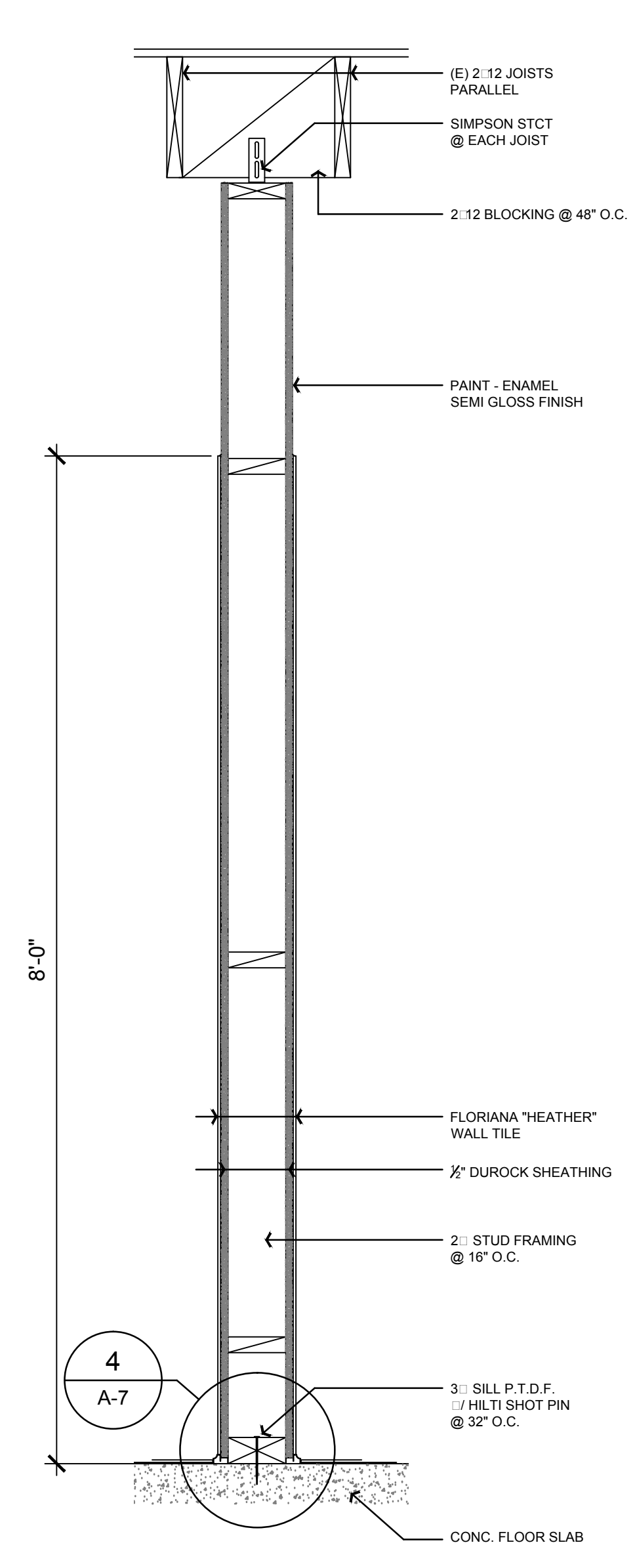
8 ADA SADDLE DTL
SCALE: 1" = 1'-0"



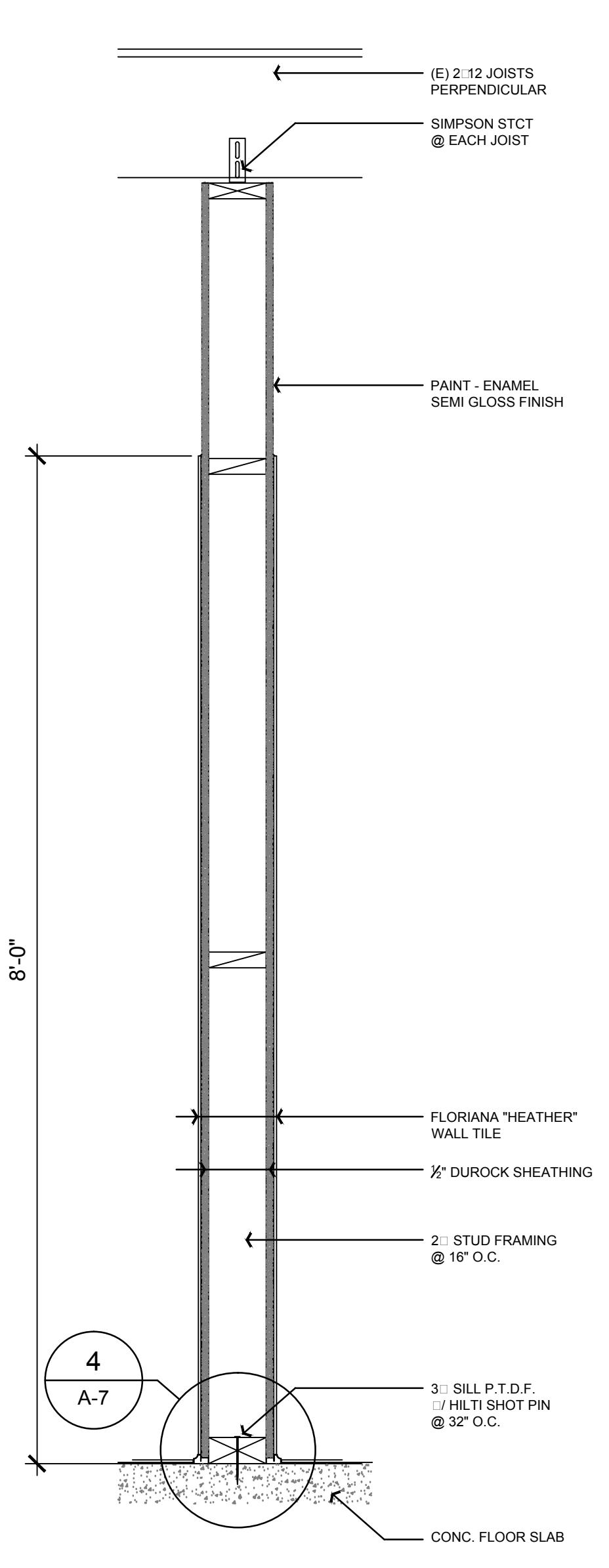
9 SOFFIT DETAIL - OPTIONAL
SCALE: 1" = 1'-0"



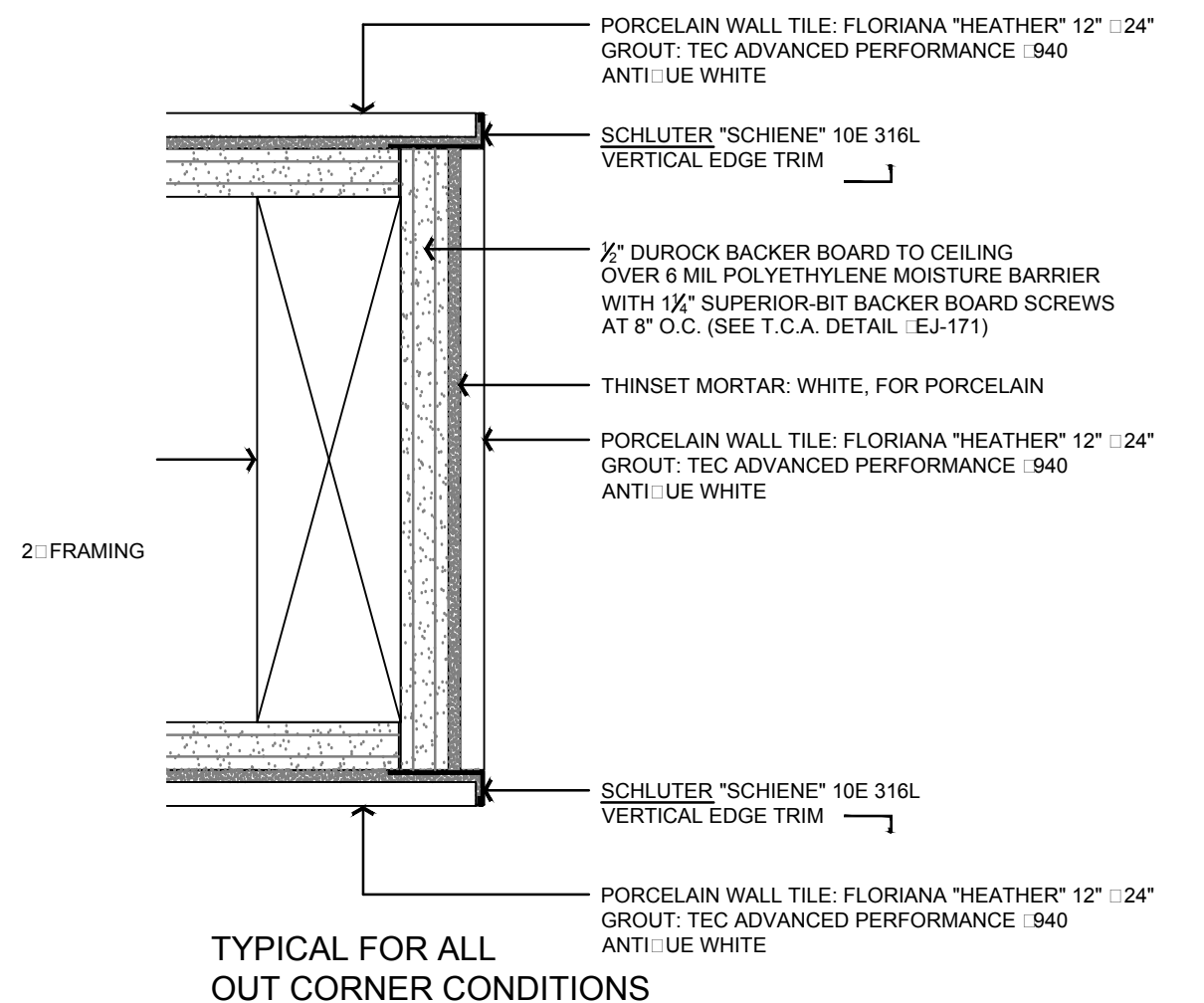
3 PARALLEL ROOF FRAMING AT CONCRETE WALL WALL X-SECT - TYPICAL
SCALE: 1" = 1'-0"



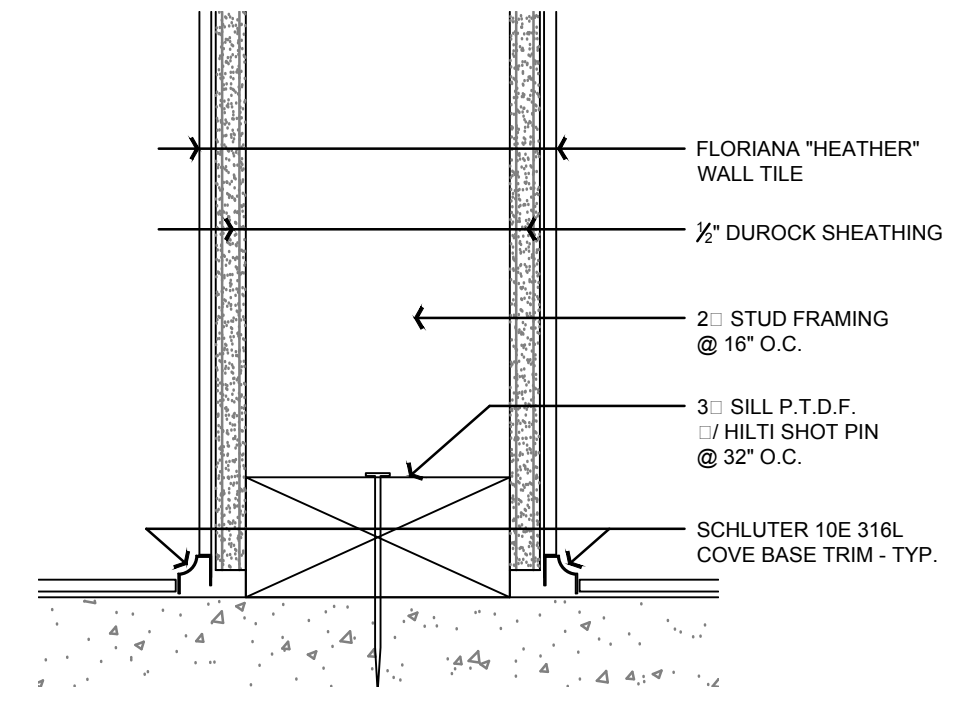
2 PARALLEL ROOF FRAMING WALL X-SECT - TYPICAL
SCALE: 1" = 1'-0"



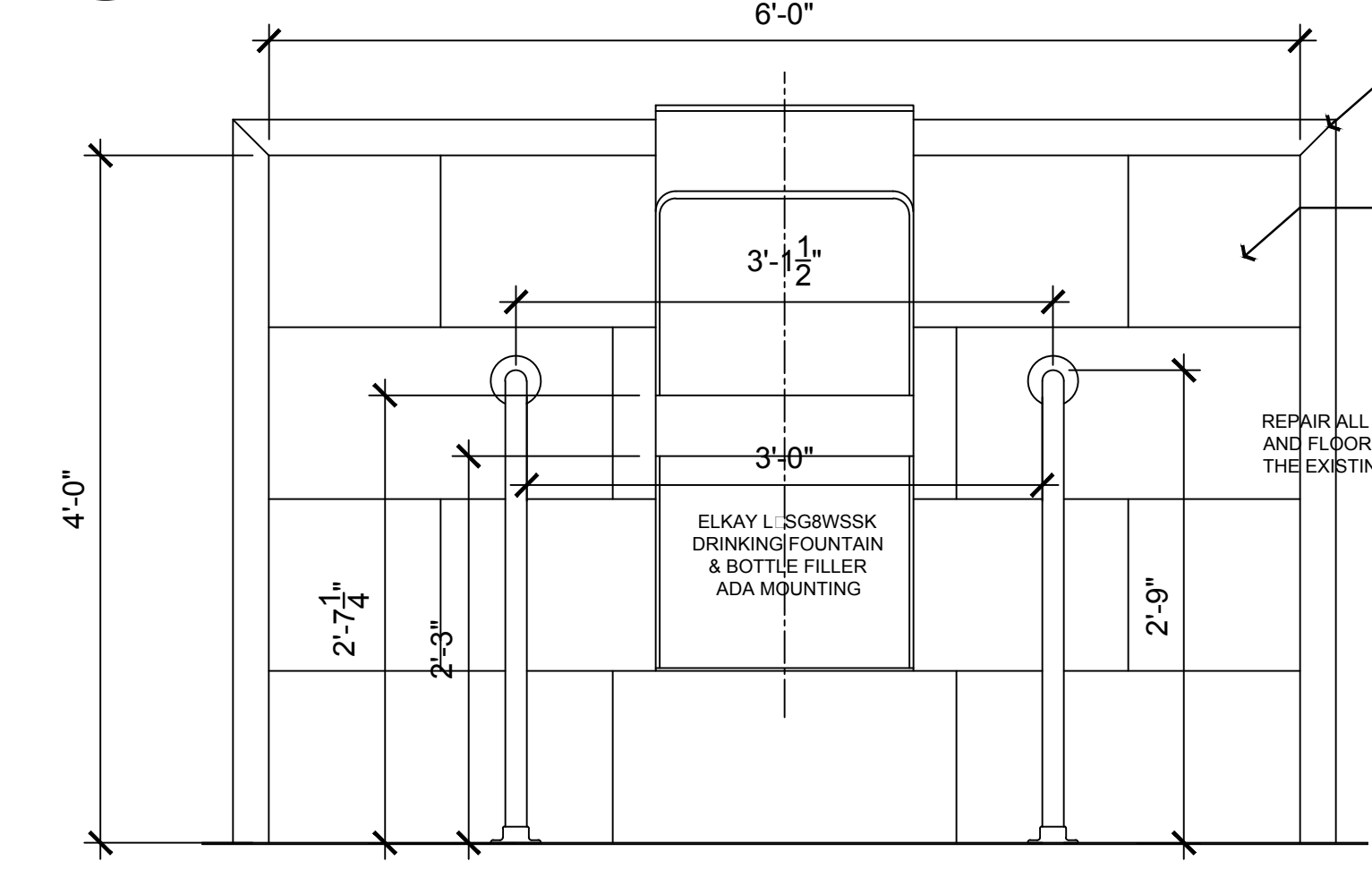
1 PERPENDICULAR ROOF FRAMING WALL X-SECT - TYPICAL
SCALE: 1" = 1'-0"



5 OUTSIDE CORNER DTL - TYPICAL
SCALE: HALF SCALE



4 WALL BASE DETAIL
SCALE: 3" = 1'-0"

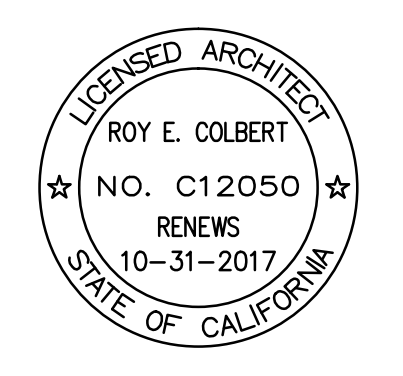


6 PIPE RAIL DETAIL AT DRINKING FOUNTAINS
SCALE: 1" = 1'-0"

THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

REVISIONS	DATE	BY
1	01 DEC 15	REC
2	15 DEC 15	REC
3	02 APR 16	REC

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VENTURA COUNTY
COMMUNITY
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VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM
MEN & WOMEN
RESTROOM
RENOVATION

PROJECT DIRECTORY

- SOILS ENGINEER / SEPTIC SYSTEM: XXXX
- CIVIL ENGINEER: XXXX
- STRUCTURAL ENGINEER: XXXX
- ELECTRICAL ENGINEER: LUCCHI & ASSOCIATES 805/389 6520
- MECHANICAL ENGINEER: A/E GROUP 805/683.1722
- LANDSCAPE ARCHITECT: XXXX
- WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXX

AEC: EVENT CENTER
C: GYMNASIUM
RESTROOM
SELECTED DETAILS

SHEET NUMBER	AS SHOWN
DATE	
SCALE	
PROJECT	C15 - 007
SHEET NUMBER	15-007:AEC: C: A-7 00
OF SHEETS	

ISSUED FOR CONSTRUCTION

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ACCESSIBILITY GENERAL NOTES

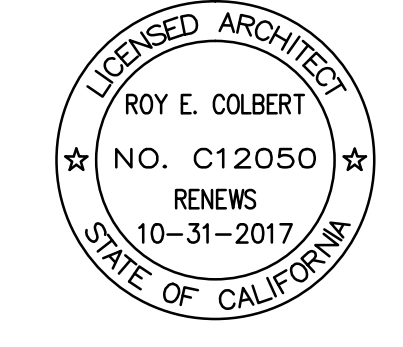
1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE NEAREST ACCESSIBLE ENTRANCE.
2. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 18" ABOVE FINISH FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE, OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED.
3. WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THESE SYSTEMS SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED EITHER 80" ABOVE FINISH FLOOR OR 6" BELOW FINISH CEILING, WHICHEVER IS LOWER.
4. DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (E.G.: LEVER-OPERATED, PUSH AND U-SHAPED PULLS) INSTALLED AT 34" - 44" A.F.F. (CBC, 11B-404.2.7)
5. FLOOR SURFACE (PER FINISH SCHEDULE) SHALL BE INSTALLED TO BE STABLE, FIRM & SLIP RESISTANT. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" REQUIRE A RAMP. GRATINGS IN A FLOOR SURFACE SHALL HAVE SPACES NO GREATER THAN 1/2" WIDTH. DOORWAY THRESHOLDS AND SADDLES SHALL NOT EXCEED 1/2" HEIGHT.
6. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1 1/4" - 2" DIAMETER WITH 1/2" CLEAR SPACE BETWEEN THE BAR AND THE WALL. (CBC, 11B-609.2.1)
7. ACCESSIBLE WATER CLOSETS SHALL BE 17" - 19" FROM FLOOR TO TOP OF SEAT. GRAB BARS SHALL BE 36" LENGTH LOCATED BEHIND THE WATER CLOSET AND 42" LENGTH LOCATED ALONG THE SIDE, AND THE TOP OF THE GRAB BAR SHALL BE BETWEEN 33" - 36" ABOVE FINISH FLOOR.
8. ACCESSIBLE URINALS SHALL BE STALL TYPE OR WALL-HUNG TYPE, EACH WITH ELONGATED RIMS AT 17" MAXIMUM ABOVE FINISH FLOOR.
9. ACCESSIBLE LAVATORIES SHALL BE INSTALLED WITH THE RIM AT 34" MAX. ABOVE FINISH FLOOR AND A CLEARANCE OF 29" MIN. A.F.F. TO UNDERSIDE OF THE APRON.
10. ACCESSIBLE SINKS SHALL BE INSTALLED WITH THE RIM AT 34" MAX. A.F.F. AND A CLEARANCE OF 27" MIN. HEIGHT 130" WIDTH 19" DEPTH UNDER THE SINK.
11. ALL WATER AND DRAIN PIPING UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP NOR ABRASIVE SURFACES AND EDGES UNDER ACCESSIBLE LAVATORIES AND SINKS.
12. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS AND VALVESETS (E.G.: LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED).
13. WHEN MIRRORS ARE INSTALLED IN RESTROOMS ABOVE THE ACCESSIBLE LAVATORY, IT SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE MIRROR SURFACE AT 40" MAX. ABOVE THE FINISHED FLOOR.

RESTROOM ACCESSIBILITY CODE REFERENCES

- 1 TOILET ROOMS SHALL COMPLY WITH CBC, SECT. 11B-603.
- 2 ALL OPERABLE PARTS OF TOILET ROOM ACCESSORIES SHALL BE 40-INCHES HT. MAXIMUM ABOVE FINISH FLOOR. (11B-603.5)
- 3 THE CENTER LINE OF THE ACCESSIBLE TOILET SHALL BE 18 INCHES FROM THE SIDEWALL OR PARTITION. (11B-604.2)
- 4 CLEARANCE AROUND AN ACCESSIBLE TOILET SHALL BE 60-INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 59-INCHES FOR A WALL-MOUNTED TOILET MEASURED PERPENDICULAR FROM THE REAR WALL. (11B-604.3.1 AND 11B-604.8.1)
- 5 CLEARANCE IN FRONT OF THE TOILET SHALL BE 60-INCHES MINIMUM WIDTH AND 48-INCHES DEPTH MANEUVERING SPACE. (11B-604.3.1)
- 6 FLUSH VALVES, MANUALLY OPERATED OR AUTOMATIC, SHALL BE LOCATED ON THE OPEN SIDE OF THE COMPARTMENT AND 44-INCH HT. MAXIMUM. (11B-604.8)
- 7 TOILET TISSUE DISPENSERS SHALL BE 7"-9" IN FRONT OF THE TOILET AS MEASURED TO THE CENTER LINE OF THE DISPENSER, AND 19-INCHES MINIMUM ABOVE THE FINISH FLOOR. (11B-604.7)
- 8 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS SHALL BE 60-INCHES WIDTH MINIMUM AND 56-INCHES DEPTH FOR WALL-HUNG TOILETS, OR 59-INCHES DEPTH FOR FLOOR MOUNTED TOILETS WHEN AT LEAST ONE SIDE WALL PROVIDES 9-INCH HEIGHT TOE SPACE UNDER. (11B-604.3.1 AND 11B-604.8.1)
- 9 WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS SHALL BE 34-INCHES WIDTH MINIMUM CLEAR OPENING AND BE SELF-CLOSING. (11B-604.8.1.2)
- 10 GRAB BARS SHALL BE 1 1/4" - 2" DIAM. AND BE INSTALLED AT 1 1/2" MAXIMUM FROM THE WALL IT IS MOUNTED ON. (11B-604.8.1.5 AND 11B-609)
- 11 AMBULATORY ACCESSIBLE COMPARTMENTS SHALL BE 35"-37" WIDTH AND 60-INCHES DEPTH MINIMUM. (11B-604.8.2.1)
- 12 URINAL SHALL BE INSTALLED WITH THE FRONT RIM 17-INCHES ABOVE FINISH FLOOR AND 13 1/2" DEPTH MINIMUM. (11B-605.2, 11B-605.4 AND 11B-305)
- 13 MANUAL LEVER FLUSH VALVES FOR TOILETS AND URINALS SHALL HAVE A OPERATING FORCE NO GREATER THAN 5 LBS. MAXIMUM, OPERATE WITH ONE HAND, AND NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. (11B-309.4)
- 14 LAVATORIES SHALL BE INSTALLED AT 34-INCHES HT. WITH 29-INCHES UNDER COUNTER CLEARANCE, AND CLEAR FLOOR SPACE. (11B-606, 11B-605.4 AND 11B-305)
- 15 TOILET ROOM ACCESSIBILITY DOOR SYMBOLS SHALL COMPLY WITH CBC, SECT. 11B-703.7.2.6.

REVISIONS	DATE	BY
△	15 JUL 16	REC
△	30 AUG 16	REC
△	15 SEP 16	REC

ROY E COLBERT
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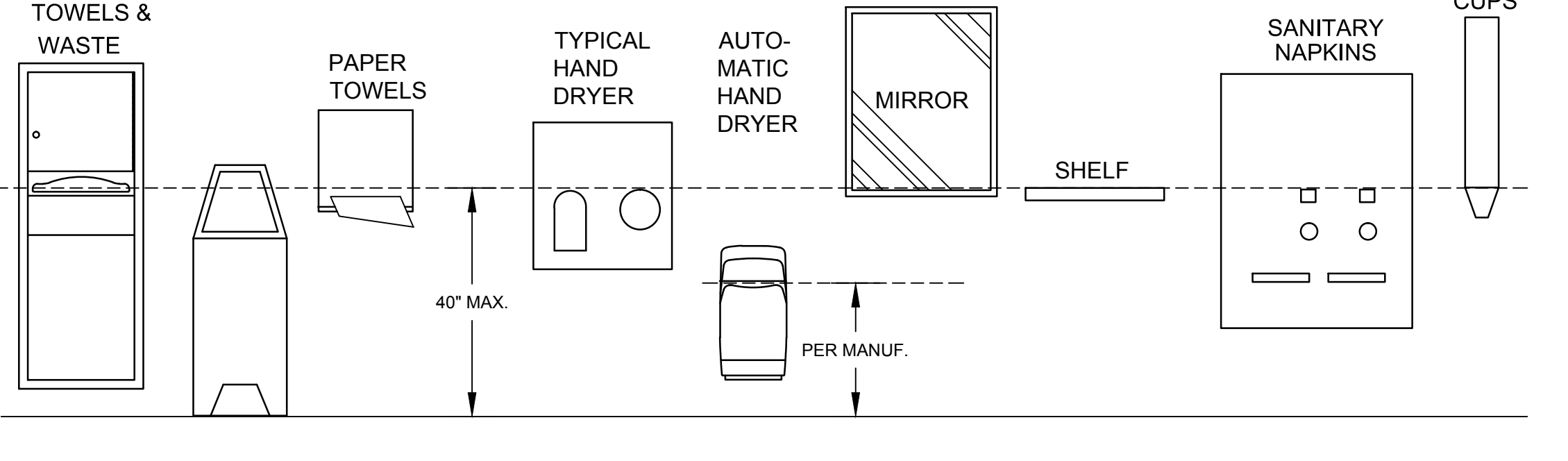
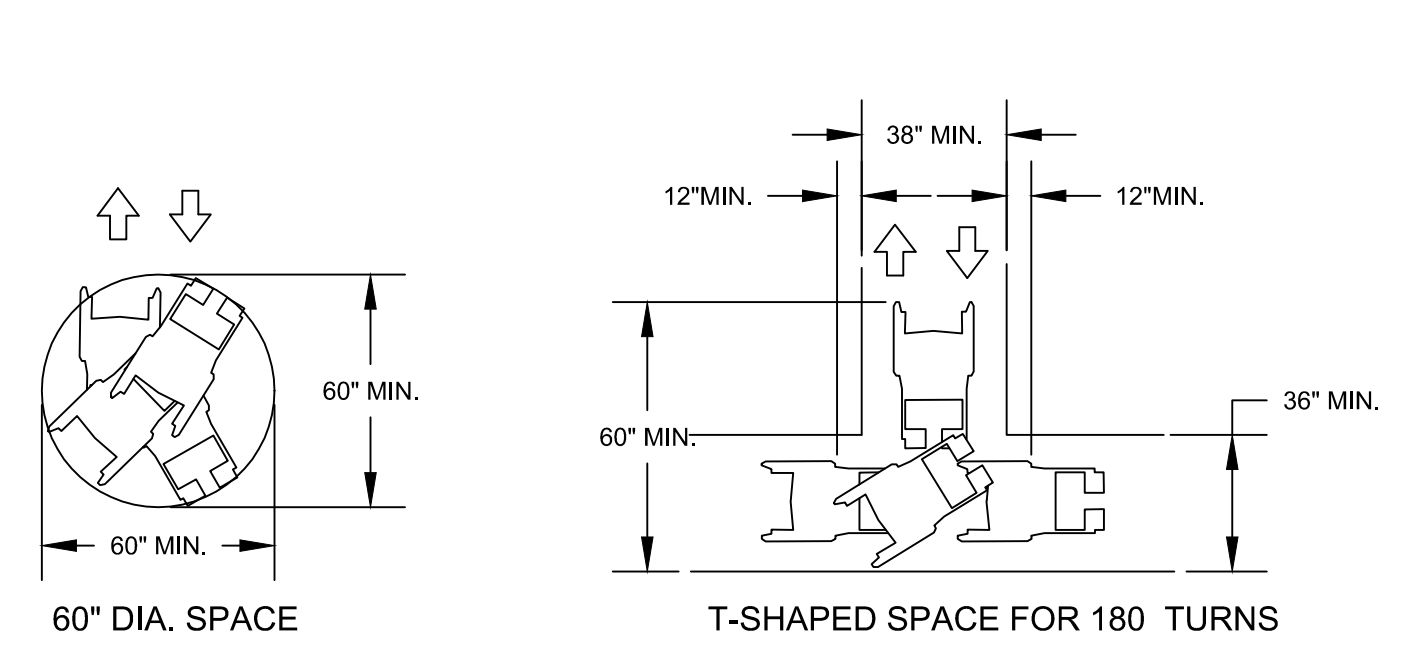
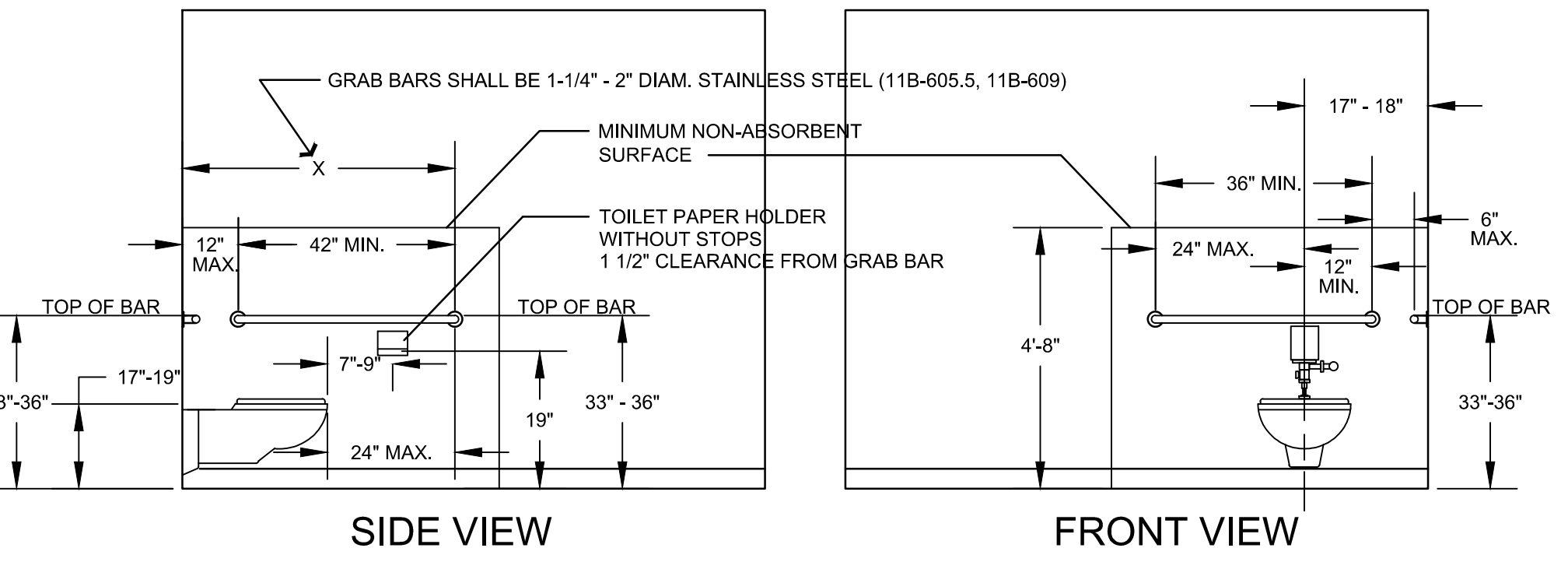
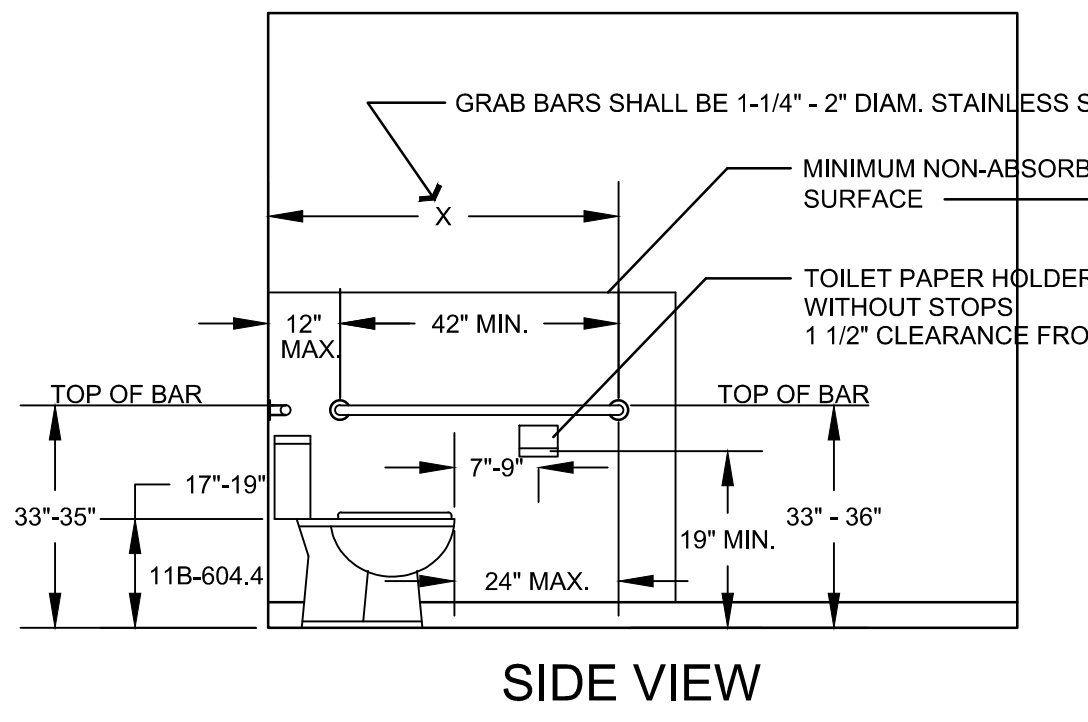
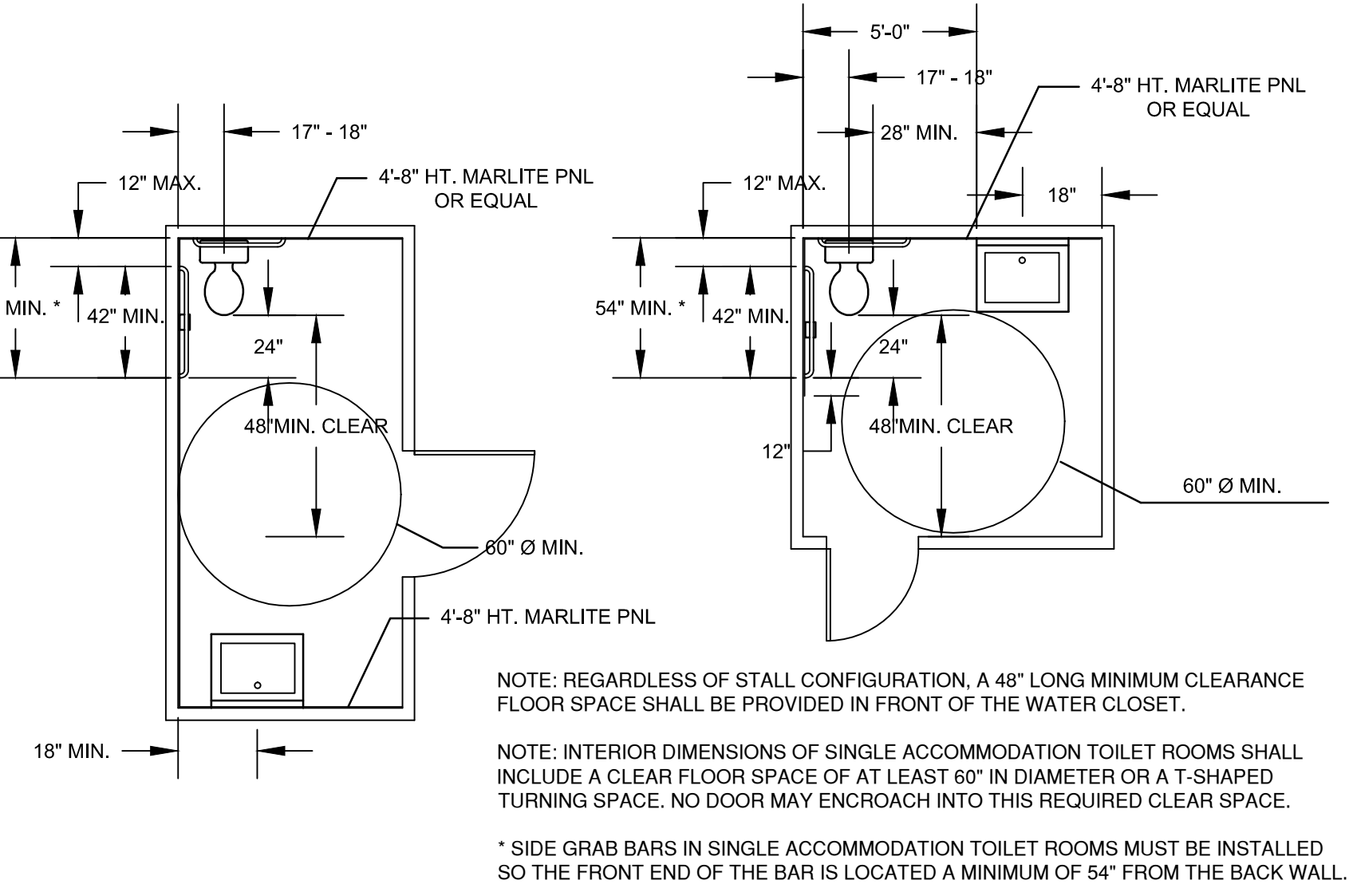
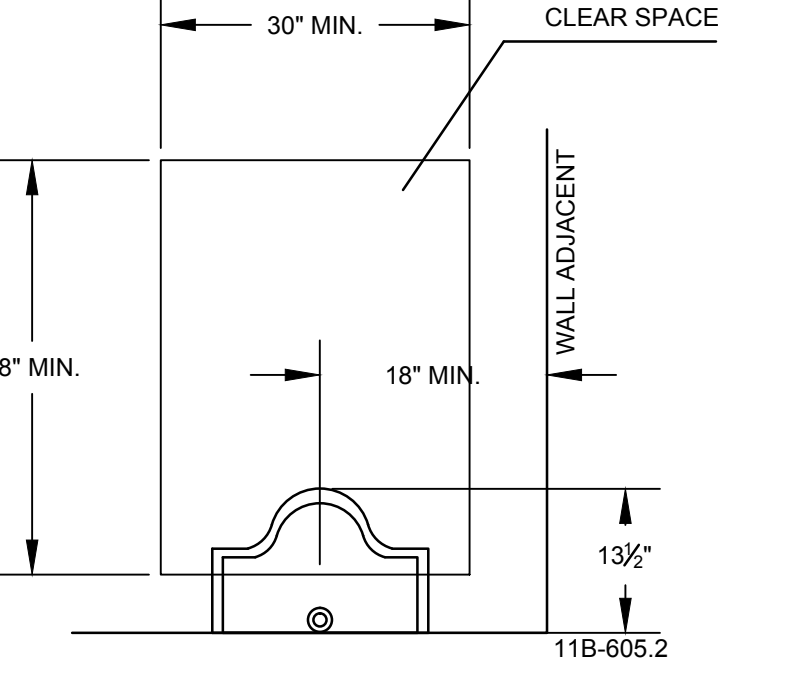
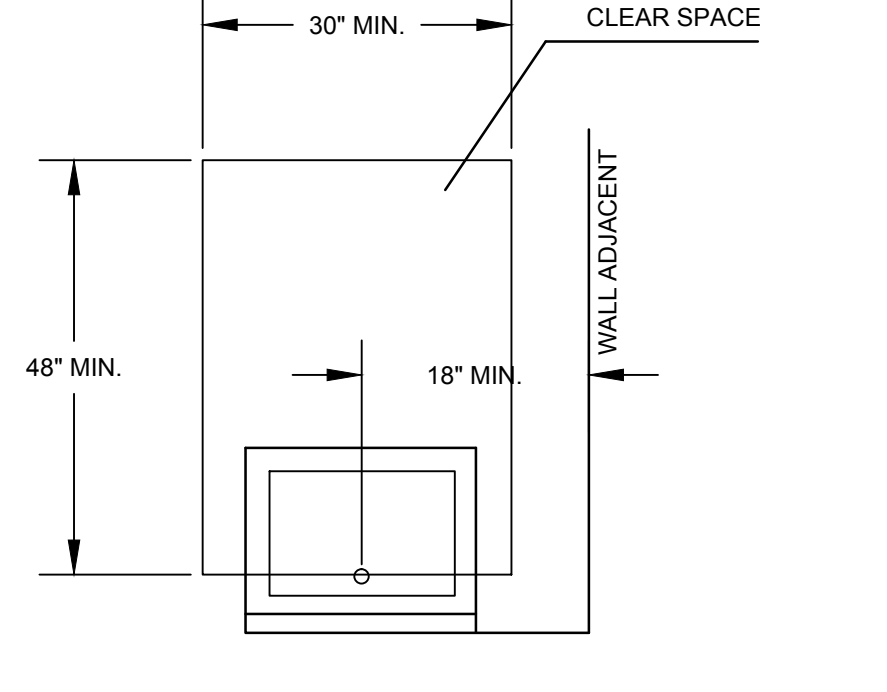
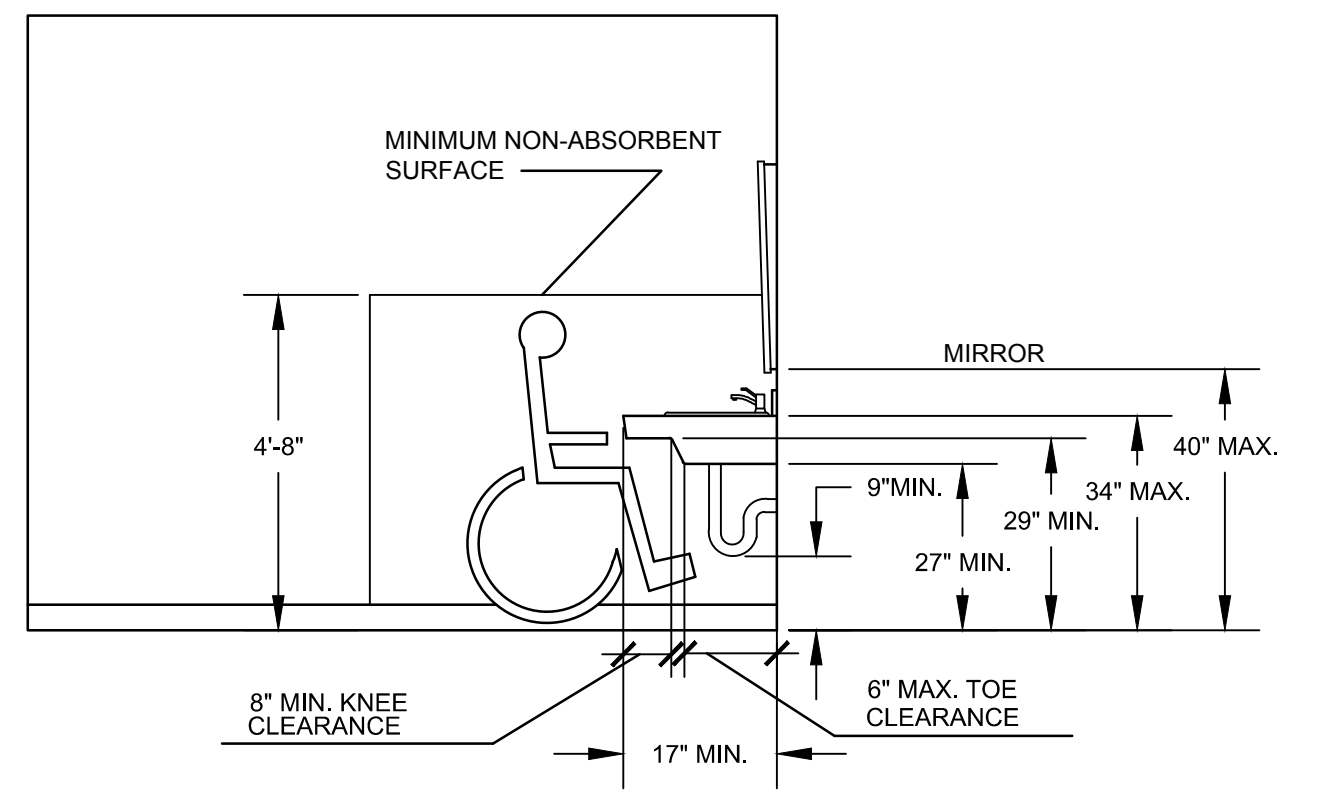
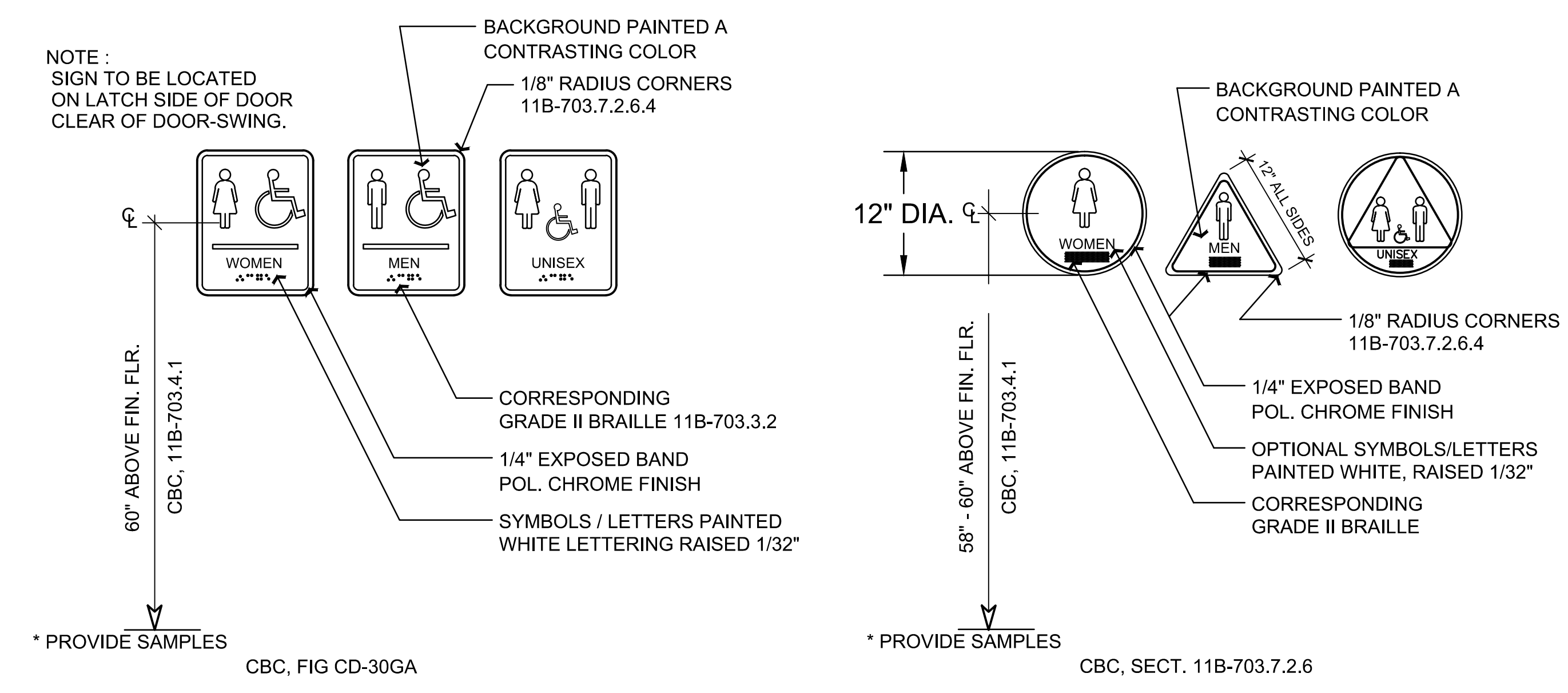
**AEC: GYMNASIUM
 MEN & WOMEN
 RESTROOM
 RENOVATION**

PROJECT DIRECTORY

SOILS ENGINEER / SEPTIC SYSTEM: XXXX
 CIVIL ENGINEER: XXXX
 STRUCTURAL ENGINEER: XXXX
 ELECTRICAL ENGINEER: LUCCI & ASSOCIATES 805/389 6520
 MECHANICAL ENGINEER: A/E GROUP 805/653 1722
 LANDSCAPE ARCHITECT: XXXX
 WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXX

**AEC / C BLDGS:
 TYPICAL DISABLED
 ACCESS RESTROOM
 DETAILS**

SHEET NAME	
DATE	
SCALE	AS SHOWN
PROJECT	C15 - 007
	15-007:AEC:C: A-8 00
SHEET NUMBER	OF SHEETS



THESE ARE TYPICAL CONDITIONS AND DIMENSIONS OF RESTROOMS. THIS INFORMATION SHALL BE USED AS REFERENCE FOR ALL RESTROOMS.

TYPICAL ACCESSIBLE RESTROOM DETAILS

THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

ISSUED FOR CONSTRUCTION

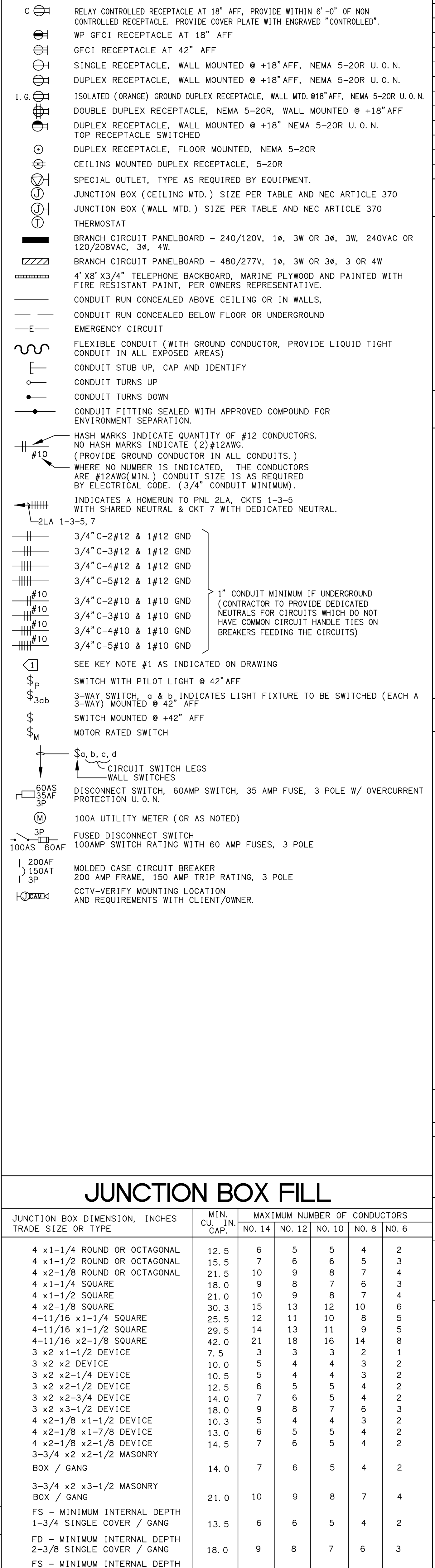
GENERAL NOTES

- A. GENERAL**
- SCOPE: THE DRAWINGS AND THESE GENERAL NOTES DESCRIBE THE SCOPE OF WORK AND SYSTEMS. THE MATERIAL REQUIRED FOR THE WORK SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED, UNLESS SPECIFICALLY NOTED OTHERWISE. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING PRINCIPAL SYSTEMS AND EQUIPMENT.
 - PERMITS AND CHARGES: OBTAIN AND PAY FOR ALL NECESSARY CONSTRUCTION PERMITS, INSPECTION FEES, AND OTHER CHARGES BY AGENCIES HAVING JURISDICTION.
 - REGULATIONS AND CODES: PROVIDE AND INSTALL ALL MATERIALS IN CONFORMANCE WITH THE 2013 C.E.C., CALIFORNIA ADMINISTRATIVE CODE TITLE 8, AND OTHER CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY AND THE MANUFACTURERS RECOMMENDATIONS.
 - VERIFYING EXISTING CONDITIONS: BEFORE SUBMITTING BID, BECOME THOROUGHLY FAMILIAR WITH ACTUAL EXISTING CONDITIONS AT THE BUILDING. THE INTENT OF THE WORK IS SHOWN ON THE DRAWINGS AND DESCRIBED HEREINAFTER. BY THE ACT OF SUBMITTING A BID PROPOSAL FOR THE WORK, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION AND TO ACCEPT ALL CONDITIONS PRESENT AT THE SITE. NO REQUEST FOR ADDITIONAL PAYMENT WILL BE CONSIDERED AS VALID, DUE TO FAILURE TO ALLOW FOR CONDITIONS WHICH MAY EXIST.
 - COORDINATION: COORDINATE ALL WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT. ELECTRICAL EQUIPMENT LOCATIONS INDICATED ARE SHOWN DIAGRAMMATICALLY, EXACT LOCATION SHALL BE VERIFIED.
- SCALING OFF OF DRAWINGS SHALL BE DONE AT CONTRACTORS RISK. DO NOT SCALE DEVICES, LIGHTING FIXTURES OR ANY EQUIPMENT FROM PLANS.
- LIGHTING FIXTURE QUANTITIES AND LENGTHS SHALL BE CONTRACTORS RESPONSIBILITY. FIXTURES ARE SHOWN FOR CIRCUITING ONLY. CONTRACTOR TO VERIFY SIZES & QUANTITIES PRIOR TO BID.
- SERVICE CONTINUITY: UNINTERRUPTED EXISTING ELECTRICAL POWER SHALL BE MAINTAINED TO OTHER TRADES FOR TEMPORARY POWER AREAS OF THE SITE DURING CONSTRUCTION. PROVIDE ANY TEMPORARY SERVICES AS MAY BE REQUIRED. IDENTIFY AT BID TIME. ALL WORK TO BE DONE ON PREMIUM TIME AND THE TOTAL OVERTIME MAN-HOURS REQUIRED FOR COMPLETION.
 - AS BUILT: PROVIDE RECORD DRAWINGS IN ACAD TO THE OWNER WITH ALL CHANGES NOTED THEREON AT THE COMPLETION OF THE PROJECT. RECORD DRAWINGS SHALL BE SIGNED AND DATED BY CONTRACTOR PRIOR TO RELEASE OF FINAL RETENTION OF ALL MONIES.
 - GUARANTEE: CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR AND MATERIALS ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR.
 - SHOP DRAWINGS: SUBMIT SHOP DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U.L. LABEL OR THAT OF ANOTHER ACCEPTABLE TESTING LABORATORY. SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL.
- SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE, DISCONNECT SWITCHES, FUSES, CONTROLLERS, LIGHTING FIXTURES, LIGHT SWITCHES, RECEPTACLES, ETC.
- CONTRACTOR BID: CONTRACTOR'S BID SHALL BE BASED ON ALL WORK SHOWN ON THE PLANS AND AS SPECIFIED. IF CONTRACTOR PROPOSES TO SUBSTITUTE FOR EQUIPMENT SPECIFIED, HE SHALL SUBMIT HIS REQUEST FOR CONSIDERATION OF THE OWNER AND ENGINEER PRIOR TO BID IN WRITING. ALL SUBSTITUTIONS MUST BE REVIEWED BY THE ENGINEER IN WRITING. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS, AND THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS OWN EXPENSE FOR ANY CHARGES RESULTING FROM HIS PROPOSED SUBSTITUTIONS WHICH AFFECT OTHER PARTS OF HIS OWN WORK, THE OWNER, ENGINEER OF RECORD OR THE WORK OF OTHER CONTRACTORS.
- B. MATERIAL AND INSTALLATION**
- ALL WORK AND MATERIAL SHALL CONFORM TO THE LATEST RULES OF THE GOVERNING ELECTRICAL CODE AND INSTALLATION SHALL BE OF THE LATEST INDUSTRY STANDARDS OF WORKMANSHIP.
- ALL MATERIALS SHALL BE NEW AND LISTED FOR THE APPLICATION BY UNDERWRITERS LABORATORY (U.L.).
- CONDUITS: CONDUIT SHALL BE EMT, PVC, IMC, RIGID OR FLEXIBLE STEEL TYPE. CONDUIT SHALL BE MANUFACTURED IN ACCORDANCE WITH UL-1. A GROUND WIRE IS REQUIRED IN ALL FLEXIBLE CONDUIT AND UNDERGROUND CONDUIT. BUSHINGS SHALL BE INSTALLED ON ALL COMMUNICATION, TELEPHONE OR SPEAKER CONDUITS. PROVIDE 3/16" NYLON PULL STRIPS IN ALL EMPTY CONDUITS. EMPTY CONDUIT, BEHIND OR ACROSS SHALL BE PERMITTED. EXCEPT FOR 6 FOOT WHIP FOR LIGHTING FIXTURE CONNECTION.
 - SWITCHES AND RECEPTACLES: PROVIDE 20AMP NEMA RATED SWITCHES AND RECEPTACLES OF SPECIFICATION GRADE. ALL SWITCHES SHALL BE RATED FOR 120 AND/OR 277 VOLT AND RECEPTACLES SHALL BE NEMA 5-20R.
 - FEEDERS AND BRANCH CIRCUITS IDENTIFICATION: IDENTIFY FEEDERS WITH THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE, LOAD END, AND IN PULL BOXES WITH E-2 CODE OR OTHER APPROVED WIRE MARKER. IDENTIFY BRANCH CIRCUITS WITH I.D. MARKERS. THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE, AT ALL SPLICES, IN JUNCTION BOXES, AND IN OUTLETS. USE PLASTIC COATED SELF-STICKING MARKERS SUCH AS THOMAS & BETTS E-2 CODE FOR IDENTIFICATION OF CONDUCTORS. IDENTIFY SIGNAL & COMMUNICATION CABLES AT TERMINAL AND OUTLET UNIQUELY WITH PERMANENT LABELING.
 - CONDUCTORS: DELIVER ALL CONDUCTORS TO THE JOB SITE IN ORIGINAL UNBROKEN CARTON OR REEL. PROPERLY TAGGED WITH U.L. LABEL, SIZE, TYPE, MANUFACTURER, TRADE NAME AND THE DATE OF MANUFACTURE. (MUST BE MANUFACTURED WITHIN 6 MONTHS) PROVIDE COPPER CONDUCTORS #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. PROVIDE STRANDED COPPER CONDUCTORS FOR ALL WIRING. USE CONDUCTORS WITH 90°C THHN/THWN 600 VOLTS INSULATION, UNLESS OTHERWISE NOTED.
 - LIGHTING FIXTURES: PROVIDE LIGHTING FIXTURES WITH ELECTRONIC BALLASTS PER SCHEDULE, PROVIDE WITH LAMPS BY G.E., PHILIPS OR PENNSYLVANIA AS STATED IN THE SCHEDULE. NO SUBSTITUTIONS OF FIXTURES SHALL BE PROVIDED WITHOUT THE APPROVAL OF THE ENGINEER -OF-RECORD.
 - PANELBOARDS SQUARE D: DISTRIBUTION AND LIGHTING PANELBOARDS WITHIN PROJECT AREA SHALL BE OF THE COPPER BUS THREE PHASE. FOUR WIRE DISTRIBUTED PHASING TYPE. CIRCUITING SHALL BE ARRANGED TO PROVIDE, AS NEARLY AS POSSIBLE, AN EVENLY BALANCED LOAD ON ALL PHASES. PANELBOARDS SHALL BE BOLT-ON CIRCUIT BREAKER TYPE. AVAILABLE FAULT CURRENT IS STATED ON PANELBOARD SCHEDULE. PROVIDE PANEL IDENTIFICATION NAMEPLATE (ENGRAVED ON-ADHESIVE 1/2" MINIMUM LETTERS) AND TYPEWRITTEN LIST OF CIRCUITS IN THE DIRECTORY FRAME.
- C. DEMOLITION**
- NOTIFY THE OWNER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, AND WHICH IS NOT INDICATED ON THE PLANS.
 - ALL REMOVED MATERIALS AND EQUIPMENT WHICH ARE SALVAGEABLE SHALL REMAIN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER, AND NEARLY PILE OR STORE THEM AND PROTECT FROM DAMAGE. REMOVE FROM PREMISES AND DISPOSE OF ALL MATERIALS CONSIDERED BY THE OWNER TO BE SOPAP.
 - ALL DEVICES, CIRCUITS CONDUCTORS, FEEDERS ETC., WHEN NOTED TO BE REMOVED, SHALL BE REMOVED TO THE LAST ACTIVE DEVICE. ALL OVER-CURRENT PROTECTION AND DISCONNECT DEVICES NO LONGER UTILIZED BUT REMAINING AS LAST ACTIVE DEVICE SHALL BE LABELED AS 'SPARE'. COORDINATE ALL OUTGAGES WITH OWNERS REPRESENTATIVE.
 - DISCONNECT AND MAKE SAFE ALL ELECTRICAL SYSTEMS ON SITE AND IN WALL, FLOORS, AND CEILING SCHEDULED FOR REMOVAL.
 - REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
 - REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY AND RE-LABEL DEVICES AS SPARES.
 - REMOVE ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOOR, AND PATCH SURFACES.
 - DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVE. PROVIDE BLANK COVER FOR ABANDONED OUTLETS WHICH ARE NOT REMOVED.
 - DISCONNECT AND REMOVE ABANDONED LUMINAIRES. REMOVE BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.
 - REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK
 - MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
 - BEGINNING OF DEMOLITION MEANS CONTRACTOR ACCEPTS EXISTING CONDITIONS.

- D. EXECUTION**
- CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE CONFINES AS MUCH AS POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
 - EQUIPMENT, MATERIALS AND SUPPLIES REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
 - DO ALL DRILLING, CUTTING, CHANNELING AND PATCHING REQUIRED TO INSTALL ELECTRICAL WORK AS INDICATED OR HEREIN SPECIFIED. ALL HOLES, CURBS, ETC., IN FLOORS, CEILING AND WALLS SHALL BE PATCHED UNLESS INDICATED OTHERWISE. PAINT ALL NEW ELECTRICAL RACEWAYS, CABINETS, ENCLOSURES AND FITTINGS PENETRATING INTO FIRE RATED ENVELOPES, SPACES, ETC.
 - ALL CONDUIT RUNS SHALL BE CONCEALED, UNLESS SHOWN OTHERWISE. PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS.
 - EXISTING CONDITION SHOWN IS FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEY AND SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITION AT SITE.
 - ALL WORK SHOWN IS NEW UNLESS SPECIFICALLY INDICATED AS EXISTING (X). ALL ELECTRICAL EQUIPMENT MOUNTING AND ANCHORAGE MUST CONFORM WITH LOCAL AND STATE SEISMIC CODES.
- E. GROUNDING & BONDING**
- FURNISH AND INSTALL COMPLETE BONDING AND GROUNDING SYSTEM AS REQUIRED BY CODES. CONTINUITY OF GROUNDING SHALL BE MAINTAINED MECHANICALLY AND ELECTRICALLY THROUGHOUT THE SYSTEM. A GREEN GROUNDING CODE SIZED CONDUCTOR SHALL BE CARRIED IN ALL CONDUITS.
- F. INSTALLATION**
- IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. TOWARD THIS END FURNISH ALL LABOR AND TOOLS NECESSARY AND FURNISH AND INSTALL ALL APPARATUS, MATERIALS AND EQUIPMENT IN A FASHION COMPLYING WITH ALL APPLICABLE CODES, INCLUDING ITEMS REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS AND HARDWARE. REFER ALSO TO WRITTEN SPECIFICATIONS FOR GENERAL, MECHANICAL AND ELECTRICAL SECTIONS.
 - PROCURE ALL PERMITS FROM LEGALLY CONSTITUTED AUTHORITIES. ARRANGE FOR ALL INSPECTIONS AND PAY ALL COSTS FOR FEES AND TESTS IN CONNECTION THEREWITH. COMPLY WITH CODES: NOTHING IN THESE PLANS AUTHORIZES DEVIATION FROM APPLICABLE CODES.
 - DETERMINE EXACT ROUTING OF CONCEALED FEEDERS AND BRANCH HOMERUNS IN COOPERATION WITH OTHER TRADES TO SIMPLIFY INSTALLATION WHEREVER POSSIBLE BUT SUBJECT TO APPROVAL OF ARCHITECT FOR VISUAL AND STRUCTURAL REASONS.
 - DO NOT RUN ANY CONDUIT IN SLAB IF ITS OUTSIDE DIAMETER EXCEEDS 1/3 THE THICKNESS OF THE SLAB. LOCATE CONDUITS WITHIN THE MIDDLE OF THE SLAB. WHERE CONDUITS ARE GROUPED IN PARALLEL RUNS, SPACE THEM 3" OR MORE APART. WHERE CONDUITS CROSS EACH OTHER, THICKEN SLAB PROPORTIONATELY OVER A HORIZONTAL AREA EQUAL TO TEN TIMES THE DIAMETER OF THE LARGEST CONDUIT. REFER ALSO TO DETAILS SHOWN.
 - FOR CIRCUITS FED THROUGH FLUORESCENT FIXTURE CHANNELS AND FEEDS TO RECESSED INCANDESCENT FIXTURES USE INSULATED WIRE OF 105 DEG. CELSIUS RATING.
 - SIZE OUTLET BOXES IN CONFORMITY WITH CODE FOR NUMBER AND GAUGE OF CONDUCTORS THEREIN, EXCEPT WHERE NOTED TO BE LARGER. MINIMUM BOX SIZE SHALL BE 4" SQUARE BY 1-1/2" DEEP.
 - EXAMINE PLANS TO DISCERN CEILINGS WITH A FIRE RATING OF ONE HOUR OR MORE. PROVIDE A ONE HOUR FIRE-RATED ENCLOSURE OVER EACH LIGHT FIXTURE RECESSED THEREIN.
 - ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUIT SHALL BE IN STRAIGHT LINES PARALLEL WITH, OR AT RIGHT ANGLES TO, COLUMN LINES OR BEAMS AND SEPARATED BY AT LEAST THREE (3) INCHES FROM WATER LINES WHENEVER THEY RUN LONG SIDE OR ACROSS SUCH LINES. CONDUIT SHALL NOT BE RUN BELOW CABLE TRAYS OR LIGHT FIXTURES WITHOUT SPECIFIC APPROVAL OF THE OWNERS REPRESENTATIVE. HANGERS SHALL BE FASTENED TO STEEL, CONCRETE OR MASONRY BUT NOT TO PIPING, HANGERS AND SUPPORT SYSTEMS ARE AN INTEGRAL PART OF THE VISUAL ENVIRONMENT. ALL HANGERS AND SUPPORTS EXPOSED TO PUBLIC VIEW MUST BE SHOWN IN DETAIL ON PLANS SUBMITTED TO ENGINEER FOR APPROVAL OF APPEARANCE. ALL HANGERS MUST BE UNIFORMLY SPACED AND NEATLY INSTALLED WITH NO EXCESS MATERIAL BEYOND WHAT IS REQUIRED FOR THE SUPPORT FUNCTION. CONTRACTOR SHALL SELECT ACCESSORIES AND HARDWARE WITH A SMOOTH, NEAT FINISHED APPEARANCE AND PAINT ALL EXPOSED CONDUIT HANGERS TO MATCH THE ADJACENT FINISHES.
 - ALL WALL SWITCHES AND RECEPTACLES SHALL BE MOUNTED BETWEEN 18" AND 48" PER ADA REQUIREMENTS UNLESS NOTED OTHERWISE.
 - CONTRACTOR SHALL EXAMINE PLANS AND VERIFY IN FIELD LOCATIONS OF ALL FIRE RATED WALLS, CEILING AND FLOORS. CONTRACTOR SHALL SEAL ALL ELECTRICAL SYSTEM PENETRATIONS THROUGH FIRE RATED WALLS, CEILING AND FLOORS WITH U.L. LISTED MATERIAL APPROVED BY THE AUTHORITY HAVING JURISDICTION.

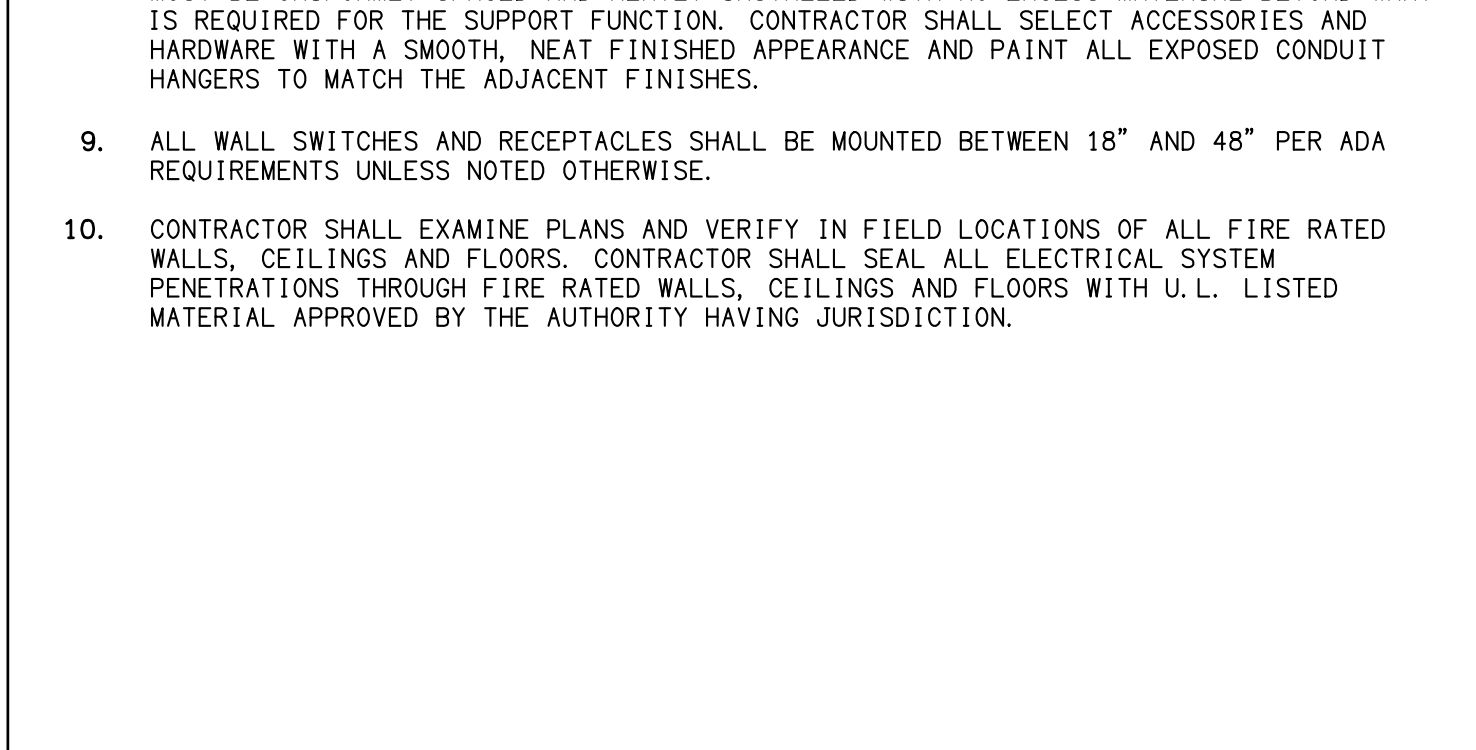
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SYMBOLS



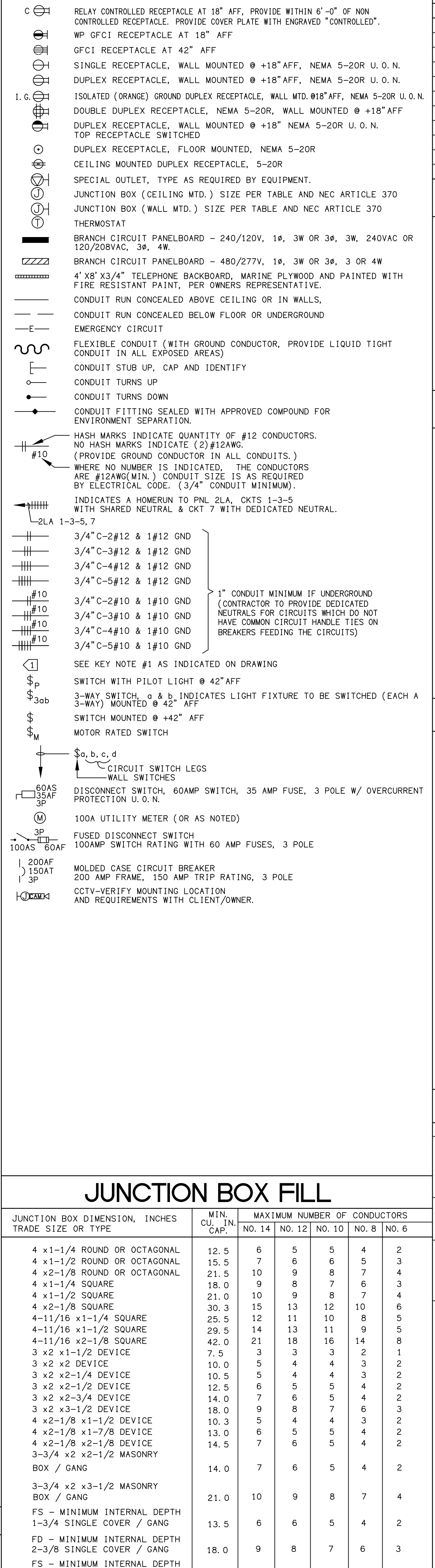
JUNCTION BOX FILL

JUNCTION BOX DIMENSION, INCHES TRADE SIZE OR TYPE	MIN. CU. IN. CAP.	MAXIMUM NUMBER OF CONDUCTORS					
		No. 14	No. 12	No. 10	No. 8	No. 6	
4 x 1-1/4 ROUND OR OCTAGONAL	12.5	6	5	5	4	2	
4 x 1-1/2 ROUND OR OCTAGONAL	15.5	7	6	6	5	3	
4 x 2-1/8 ROUND OR OCTAGONAL	21.5	10	9	8	7	4	
4 x 1-1/4 SQUARE	18.0	9	8	7	6	3	
4 x 1-1/2 SQUARE	21.0	10	9	8	7	4	
4 x 2-1/8 SQUARE	30.3	15	13	12	10	6	
4-11/16 x 1-1/4 SQUARE	25.5	12	11	10	8	5	
4-11/16 x 1-1/2 SQUARE	29.5	14	13	11	9	5	
4-11/16 x 2-1/8 SQUARE	42.0	21	18	16	14	8	
3 x 2 x 1-1/2 DEVICE	7.5	3	3	3	2	1	
3 x 2 x 2 DEVICE	10.0	5	4	4	3	2	
3 x 2-1/4 DEVICE	10.5	5	4	4	3	2	
3 x 2-1/2 DEVICE	12.5	6	5	5	4	2	
3 x 2-3/4 DEVICE	14.0	7	6	5	4	2	
3 x 2 x 3-1/2 DEVICE	18.0	9	8	7	6	3	
4 x 2-1/8 x 1-1/2 DEVICE	10.3	5	4	4	3	2	
4 x 2-1/8 x 1-7/8 DEVICE	13.0	6	5	5	4	2	
4 x 2-1/8 x 2-1/8 MASONRY BOX / GANG	14.5	7	6	5	4	2	
3-3/4 x 2 x 2-1/2 MASONRY BOX / GANG	14.0	7	6	5	4	2	
3-3/4 x 2 x 3-1/2 MASONRY BOX / GANG	21.0	10	9	8	7	4	
FS - MINIMUM INTERNAL DEPTH 1-3/4 SINGLE COVER / GANG	13.5	6	6	5	4	2	
FD - MINIMUM INTERNAL DEPTH 2-3/8 SINGLE COVER / GANG	18.0	9	8	7	6	3	
FS - MINIMUM INTERNAL DEPTH 1-3/4 MULTIPLE COVER / GANG	18.0	9	8	7	6	3	
FD - MINIMUM INTERNAL DEPTH 2-3/8 MULTIPLE COVER / GANG	24.0	12	10	9	8	4	



COLOR CODE FOR CONDUCTORS

SYMBOLS



LIST OF DRAWINGS

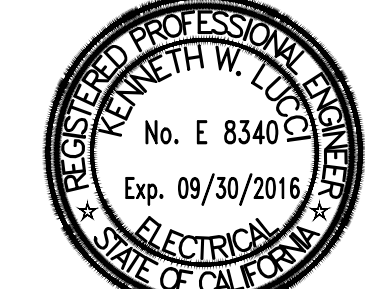
SHEET	DESCRIPTION
E100	GENERAL NOTES, ABBREVIATIONS, SYMBOLS & DRAWING LIST
E150	SITE PLAN
E400	WOMEN'S & MEN'S RESTROOM POWER & LIGHTING DEMOLITION PLANS
E401	WOMEN'S & MEN'S RESTROOM POWER & LIGHTING PLANS - NEW WORK

SCOPE OF WORK

POWER AND LIGHTING RENOVATIONS FOR UPPER LEVEL RESTROOMS IN ATHLETIC EVENTS CENTER (AEC) AND LOWER LEVEL RESTROOMS IN PHYSICAL EDUCATION (C).

GENERAL STANDARDS

- 2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 1
- 2013 CALIFORNIA BUILDING CODE (CBC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 2 (2012 INTERNATIONAL BUILDING CODE (IBC)/CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA ELECTRICAL CODE (CEC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 3 (2011 NATIONAL ELECTRICAL CODE (NEC)/CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA ENERGY CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 6
- 2013 CALIFORNIA FIRE CODE (FC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9 (2012 INTERNATIONAL FIRE CODE (IFC)/CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA EXISTING BUILDING CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 10 (2012 INTERNATIONAL EXISTING BUILDING CODE (IEBC))
- 2013 CALIFORNIA REFERENCED STANDARDS CODE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 12
- AMERICANS WITH DISABILITIES ACT (ADA) TITLE II - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADA) 1990 STATE FIRE MARSHAL REGULATIONS AND AMENDMENTS TO-DATE ACCESSIBILITY STANDARDS
- CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, CALIFORNIA STATE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19
- 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL GREEN), PART II, TITLE 24 C.C.R.
- 2013 CALIFORNIA MECHANICAL CODE (CMC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 4 (2012 UNIFORM MECHANICAL CODE (UMC)/CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA PLUMBING CODE (CPC) CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 5 (2012 UNIFORM PLUMBING CODE (UPC)/CALIFORNIA AMENDMENTS)
- 2013 TITLE 19 CALIFORNIA CODE OF REGULATIONS (CCR) PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS



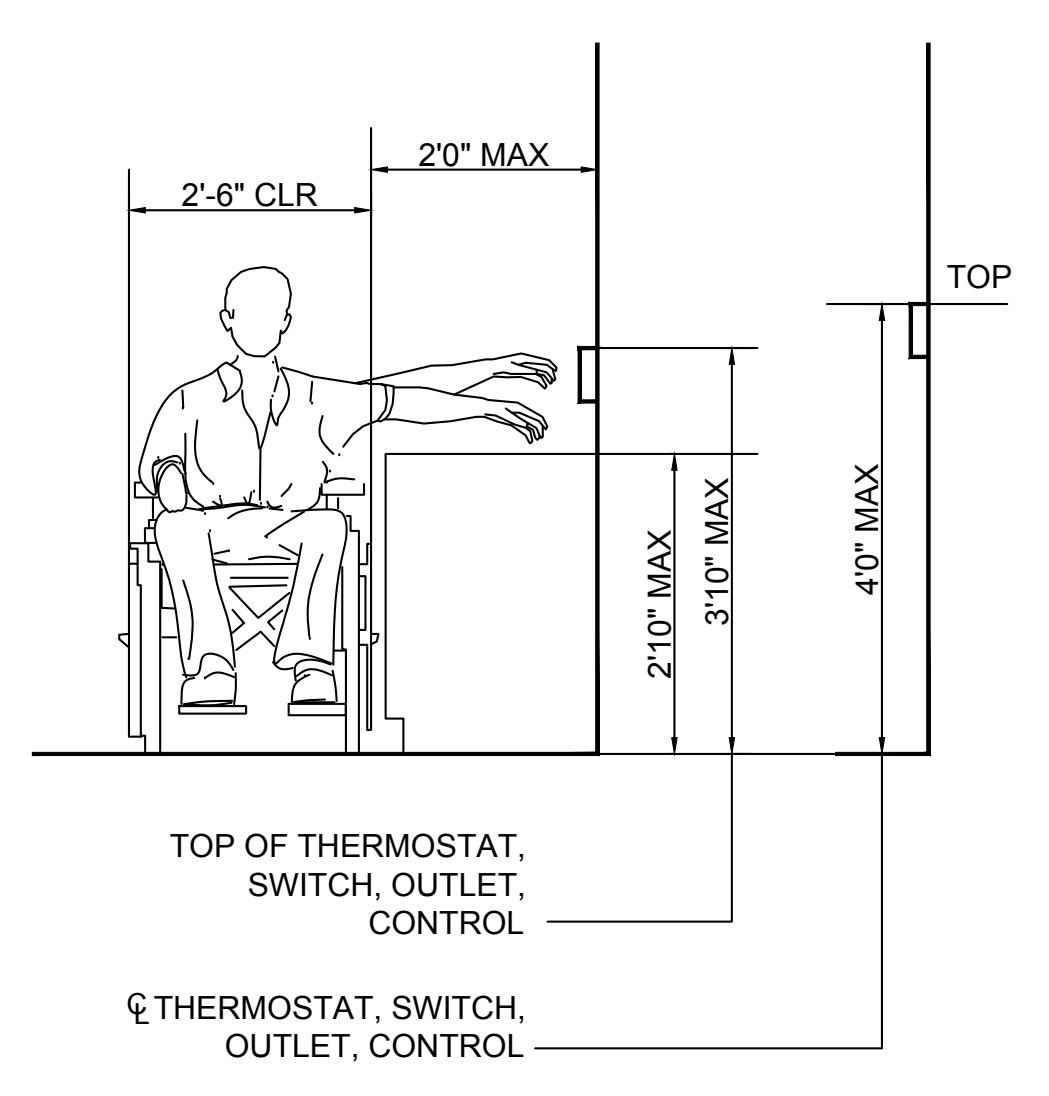
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ABBREVIATIONS

A	AMPERES	MTD	MOUNTED
AF	AMP FRAME/AMP FUSE	MTB	MAIN TELEPHONE BACKBOARD
AFF	AVAILABLE FAULT CURRENT	MTG	MOUNTING
AFH	ABOVE FINISHED FLOOR	MV	MERCURY VAPOR
ARCH	ARCHITECT	MH	METAL HALIDE
AS	AMP SWITCH	MFG	MANUFACTURER
AT	AMP TRIP	NEC	NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAGE	N	NEW
BKBD	BACKBOARD	NL	NIGHT LIGHT
C	CONDUIT	N.O.	NORMALLY OPEN
CB	CIRCUIT BREAKER	N.C.	NORMALLY CLOSED
CONT.	CONTINUATION	P	POWER OR POLE
CLG	CEILING	PBO	PROVIDED BY OTHERS
CO	CONDUIT ONLY	PNL	PANEL
CTV	CABLE TELEVISION	RS	REMOVED
(CU)	COPPER	RGM	RIGID GALVANIZED STEEL CONDUIT ROOM
CW	COLD WATER PIPE	SN	SYSTEM NEUTRAL
DIS	DISCONNECT	TC	TIME CLOCK
DS	DISCONNECT SWITCH	TTB	TELEPHONE TERMINAL BOARD
DWG	DRAWING	TTC	TELEPHONE TERMINAL CABINET
EC	ELECTRICAL CONTRACTOR	TR	TRANSFORMER
EM	EMERGENCY LIGHT/FEEDER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
FRONT	FRONT	TYP	TYPICAL
FS	SHALLOW FLOOR BOX	U.G.	UNDERGROUND
GC	GENERAL CONTRACTOR	UNO	UNLESS OTHERWISE NOTED
GFI	GROUND FAULT INTERRUPTER	UNSW	UNSWITCHED
GND	GROUND	VA	VOLT AMPS
HP	HORSEPOWER	V	VOLTS/VOLTAGE
I.G.	ISOLATED GROUND	W	WATTS/WATTAGE
JB	JUNCTION BOX	WP	WEATHERPROOF
KVA	KILO VOLT AMPS=1000VA	W	WITH
LC	LIGHTING CONTRACTOR	(X)	EXISTING
LCL	LONG CONTINUOUS LOAD		
LV	LOW VOLTAGE		

MOUNTING HEIGHT OVER OBSTRUCTION



DERATING TABLE

NEC #310-8 ADJUSTMENT FACTORS

(a) MORE THAN THREE CURRENT-CARRYING CONDUCTORS IN A RACEWAY OR CABLE. WHERE THE NUMBER OF CURRENT-CARRYING CONDUCTORS IN A RACEWAY OR CABLE EXCEEDS THREE, THE ALLOWABLE AMPACITIES SHALL BE REDUCED AS SHOWN IN THE FOLLOWING TABLE:

NUMBER OF CURRENT-CARRYING CONDUCTORS	PERCENT OF VALUES IN TABLES AS ADJUSTED FOR AMBIENT TEMPERATURE IF NECESSARY	
	80	90
4 THROUGH 6	80	70
7 THROUGH 20	70	50
21 THROUGH 30	45	45
31 THROUGH 40	40	40
41 AND ABOVE	35	35

WHERE SINGLE CONDUCTORS OR MULTICONDUCTOR CABLES ARE STACKED OR BUNDLED LOWER THAN 24 INCHES (610 mm) WITHOUT MAINTAINING SPACING AND ARE NOT INSTALLED IN RACEWAYS, THE ALLOWABLE AMPACITY OF EACH CONDUCTOR SHALL BE REDUCED AS SHOWN IN THE ABOVE TABLE.

EXCEPTION NO. 1: WHERE CONDUCTORS OF DIFFERENT SYSTEMS, AS PROVIDED IN SECTION 300-3, ARE INSTALLED IN A COMMON RACEWAY OR CABLE, THE DERATING FACTORS SHOWN ABOVE SHALL APPLY TO THE NUMBER OF POWER AND LIGHTING (ARTICLES 210, 215, 220, AND 230) CONDUCTORS ONLY.

EXCEPTION NO. 2: FOR CONDUCTORS INSTALLED IN CABLE TRAYS, THE PROVISIONS OF SECTION 318-11 SHALL APPLY.

EXCEPTION NO. 3: DERATING FACTORS SHALL NOT APPLY TO CONDUCTORS IN NIPPLES HAVING A LENGTH NOT EXCEEDING 24 INCHES (610mm).

EXCEPTION NO. 4: DERATING FACTORS SHALL NOT APPLY TO UNDERGROUND CONDUCTORS ENTERING OR LEAVING AN OUTDOOR TRENCH IF THOSE CONDUCTORS HAVE PHYSICAL PROTECTION IN THE FORM OF RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, OR RIGID NONMETALLIC CONDUIT HAVING A LENGTH NOT EXCEEDING 10 FEET (3.05m) ABOVE GRADE AND THE NUMBER OF CONDUCTORS DOES NOT EXCEED FOUR.

EXCEPTION NO. 5: FOR OTHER LOADING CONDITIONS, ADJUSTMENT FACTORS AND AMPACITIES SHALL BE PERMITTED TO BE CALCULATED UNDER SECTION 310-15(b).

(FNC): SEE APPENDIX B, TABLE B-310-11 FOR ADJUSTMENT FACTORS FOR MORE THAN THREE CURRENT-CARRYING CONDUCTORS IN A RACEWAY OR CABLE WITH LOAD DIVERSITY.

(b) MORE THAN ONE CONDUIT, TUBE, OR RACEWAY. SPACING BETWEEN CONDUITS, TUBING, OR RACEWAYS SHALL BE MAINTAINED.

VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

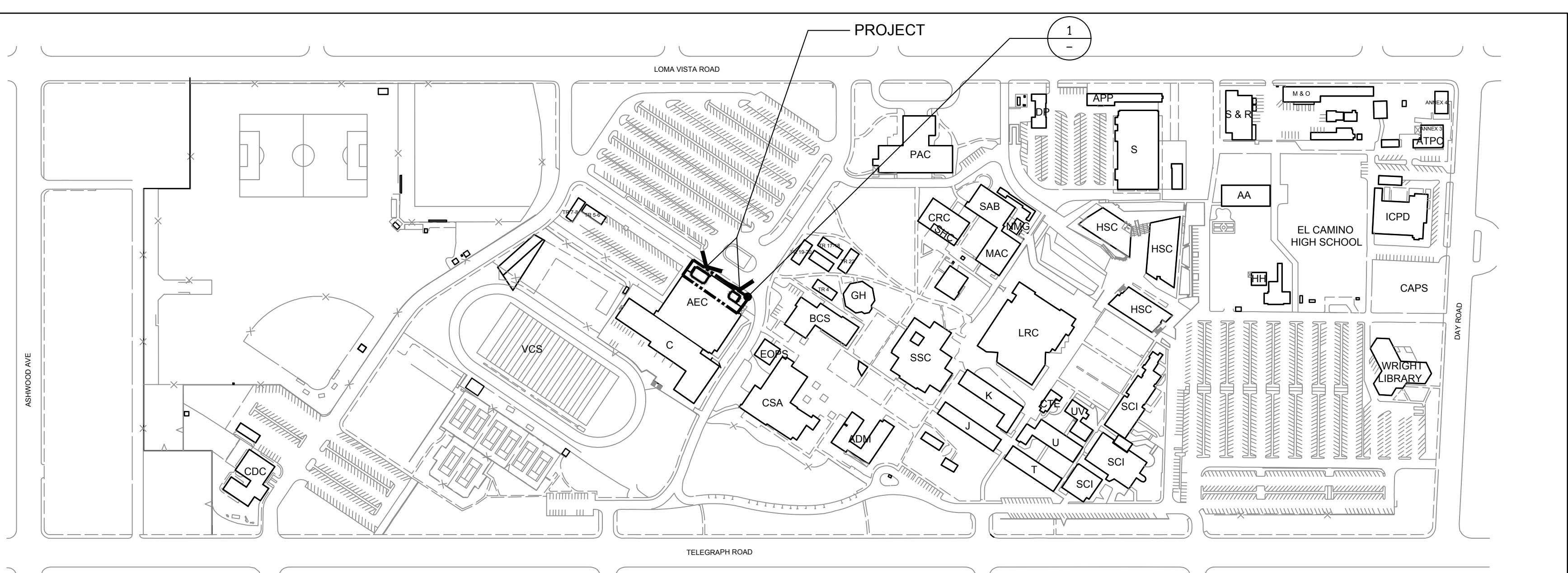
VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC BUILDING PUBLIC RESTROOM RENOVATION

PROJECT DIRECTORY

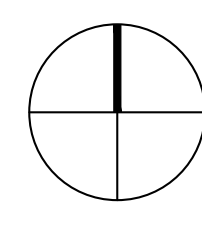
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- ELECTRICAL ENGINEER:
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- WATER SYSTEM / FIRE PROTECTION SYSTEM:
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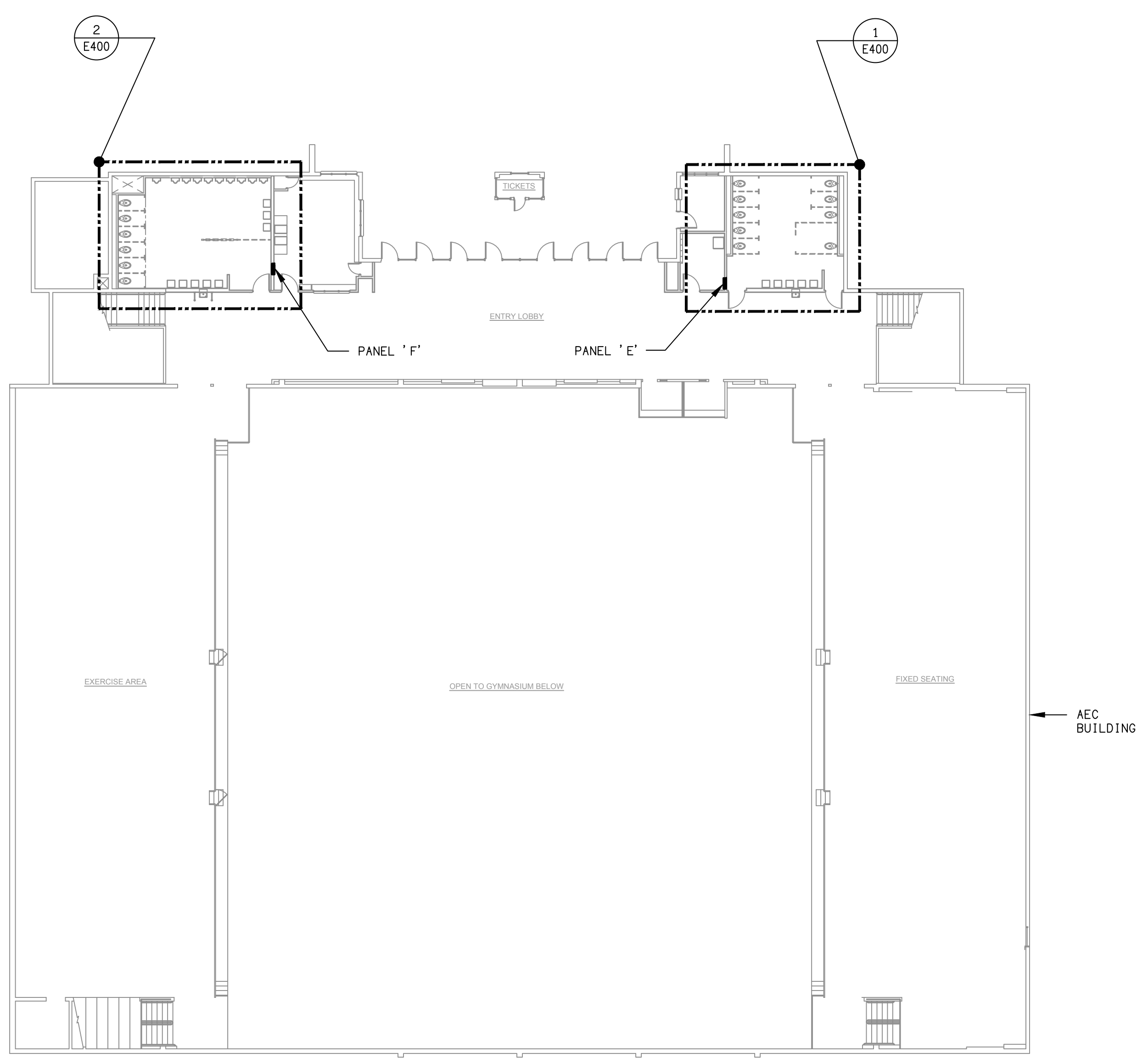


AA	AGRICULTURE / CONSTRUCTION TECHNOLOGY	CSA	CAMPUS CENTER - CAFETERIA / STUDENT ACTIVITIES	MAC	MEDIA ARTS CENTER	TR 4	MULTI-MEDIA / GRAPHICS
ADM	ADMINISTRATION	CTE	BUSINESS / CAREER / TECHNICAL EDUCATION	M & O	MAINTENANCE / OPERATIONS	TR 5 - 8	RELOCATABLE CLASSROOMS (NEAR BASE BALL FIELD)
AEC	ATHLETIC EVENTS CENTER (LARGE GYM)	DP	BUSINESS / ESL	NMG	NEW MEDIA GALLERY	TR 12 - 15	RELOCATABLE CLASSROOMS (NEAR LRC / SSC / MAC)
ANNEX 3	CONTINUING EDUCATION CLASSROOMS	EOPS	EOPS	PAC	PERFORMING ARTS CENTER	TR 16	RELOCATABLE NURSING SKILLS LAB (NEAR LRC / SSC / MAC)
ANNEX 4	CONTINUING EDUCATION CLASSROOMS	GH	GUTHRIE HALL	S	AUTOMOTIVE / MANUFACTURING / WELDING SHOPS	TR 17 - 22	RELOCATABLE PERFORMING ARTS (NEAR PAC)
APP	APPRENTICESHIP PROGRAMS	HH	HEAD HOUSE	SAB	STUDIO ARTS BUILDING	U	BUSINESS
ATPC	ALTERNATE TEXT PRODUCTION CENTER	HSC	HEALTH / SCIENCE CLASSROOMS	SCI	SCIENCES / MATHEMATICS	UV	LECTURE HALLS
BCS	BOOKSTORE / CAMPUS SERVICES	ICPD	INST. FOR COMMUNITY AND PROFESSIONAL DEVELOPMENT	SHC	STUDENT HEALTH / PSYCHOLOGICAL SERVICES	VCS	VENTURA COLLEGE SPORTSPLEX
C	PHYSICAL EDUCATION (SMALL GYM)	J	CLASSROOMS	SSC	STUDENT SERVICES CENTER		
CDC	CHILD DEVELOPMENT CENTER	K	CLASSROOMS	S & R	SHIPPING / RECEIVING		
CRC	CREATIVE RESOURCE CENTER	LRC	LIBRARY / LEARNING RESOURCE CENTER	T	BUSINESS / COMPUTER LABS		

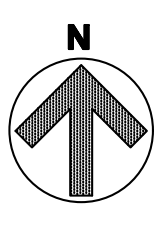
VENTURA COLLEGE



SITE PLAN
 SCALE: NONE
 2
 - E150



UPPER LEVEL FLOOR PLAN
 SCALE: 1/16"=1'-0"
 1
 - E150



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REVISIONS	DATE	BY

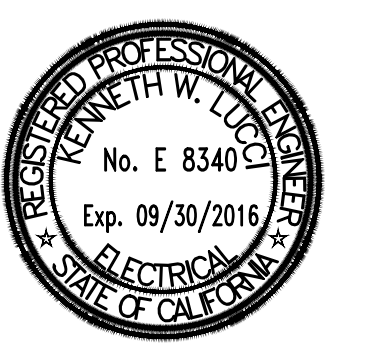
ROY E COLBERT
 ARCHITECTURE
 PLANNING
 DESIGN

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 4667 Telegraph Road
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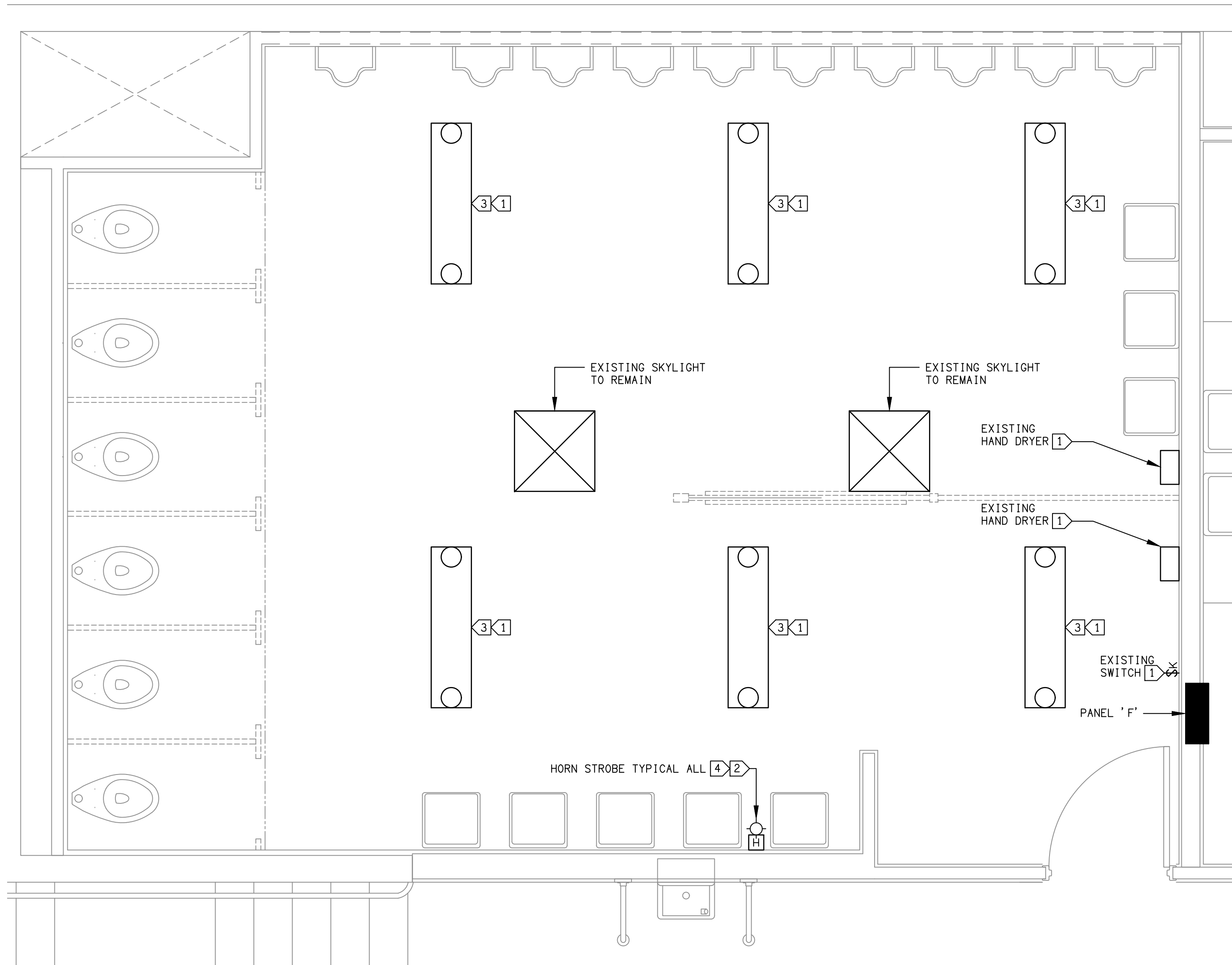
PROJECT DIRECTORY

- SOILS ENGINEER / SEPTIC SYSTEM:
XXXX
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LUCCI & ASSOCIATES
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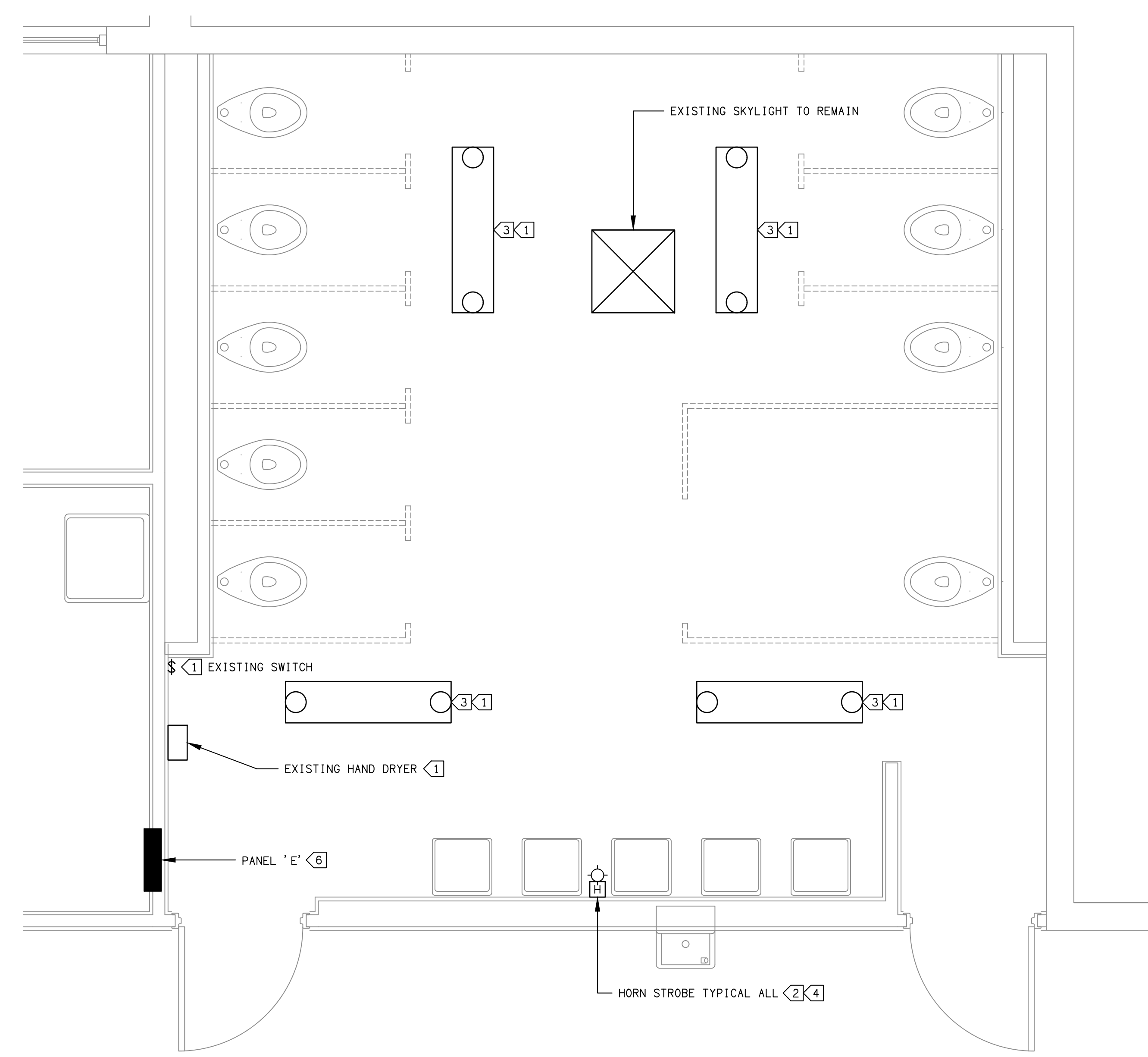
SITE PLAN

SHEET NAME	
DATE	12/08/15
SCALE	AS SHOWN
PROJECT	C15 - 007 15-806
SHEET NUMBER	E150
OF SHEETS	

DRAFT: CM02 DRAWING FILENAME: 180606AEC400 DATE: 14 June 2016 TIME: 8:25 am
 PAT: NAME: G:\151806\EL\Sheets\AEC BUILDING DATE: 14 June 2016 TIME: 8:25 am
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0 1' 2' 4' 6'
 SCALE: 1/2" = 1'-0"
AEC BUILDING MEN'S RESTROOM DEMOLITION PLANS
 SCALE: 1/2"=1'-0"
 2
 E400



0 1' 2' 4' 6'
 SCALE: 1/2" = 1'-0"
AEC BUILDING WOMEN'S RESTROOM DEMOLITION PLANS
 SCALE: 1/2"=1'-0"
 1
 E400

SHEET NOTES:

1. SCOPE: PROVIDE AND PERFORM DEMOLITION, PREPARATORY AND MISCELLANEOUS WORK IN AREAS AS INDICATED AND SPECIFIED, COMPLETE.
2. DEMOLITION AND REMOVAL OF EXISTING ELECTRICAL CONDUIT, WIRING AND EQUIPMENT REQUIRED TO COMPLETE THE PROJECT.
3. PREPARATION OF THE EXISTING BUILDING TO RECEIVE OR CONNECT THE NEW WORK.
4. MISCELLANEOUS DEMOLITION, CUTTING, ALTERATION, AND REPAIR WORK IN THE EXISTING BUILDING NECESSARY FOR THE COMPLETION OF THE ENTIRE PROJECT.
5. DISCONNECTING AND RECONNECTION OF ELECTRICAL EQUIPMENT AS REQUIRED BY THE CONSTRUCTION MODIFICATIONS.
6. EXISTING CONDITIONS: PRIOR TO BID MAKE A DETAILED SURVEY OF THE EXISTING CONDITIONS PERTAINING TO THE WORK. CHECK THE LOCATIONS OF ALL EXISTING STRUCTURES, EQUIPMENT AND WIRING (BRANCH CIRCUITING AND CONTROLS). CHECK FOR ANY HAZARDOUS MATERIALS WHICH MAY REQUIRE SPECIAL HANDLING.
7. SALVAGE AND DISPOSAL: ALL REMOVED MATERIAL OTHER THAN ITEMS TO BE REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF IN ACCORDANCE WITH INSTRUCTIONS FROM THE OWNER'S REPRESENTATIVE. DISPOSAL SHALL BE DONE IN ACCORDANCE WITH EPA AND GOVERNING BODY REQUIREMENTS AND REGULATIONS. CONTRACTOR SHALL PAY ALL FEES AND CHARGES FOR DISPOSAL.
8. SCHEDULE ALL WORK AND OUTAGES WITH TENANTS AND OWNERS WRITTEN APPROVAL.
9. CONTRACTOR SHALL LEAVE ALL CIRCUITS ENERGIZED TO DEVICES IN AREAS OUTSIDE OF DEMOLITION AREA EVEN IF FEEDERS ARE ROUTED THROUGH DEMOLITION AREA.
10. CONTRACTOR TO BLANK OFF ALL DEVICES WHICH ARE NOT REUSED.

SHEET KEY NOTES:

- 1 REMOVE FIXTURE / DEVICE TO LAST ACTIVE DEVICE. SAFE OFF. ALLOW FOR RECONNECTION OF NEW EQUIPMENT AFTER INSTALLATION OF NEW DEVICES.
- 2 "BAG" ALL FIRE ALARM DEVICES FOR PROTECTION, REINSTALLATION AND USE AFTER PROJECT IS COMPLETED.
- 3 EXISTING FLUORESCENT FIXTURE (1' X4')
- 4 FIRE ALARM DEVICE TO REMAIN.
- 5 EXTERIOR LIGHTING FIXTURE.
- 6 EXISTING PANEL TO BE REPLACED, SEE E401.

REVISIONS	DATE	BY

ROY E COLBERT

**ARCHITECTURE
PLANNING
DESIGN**

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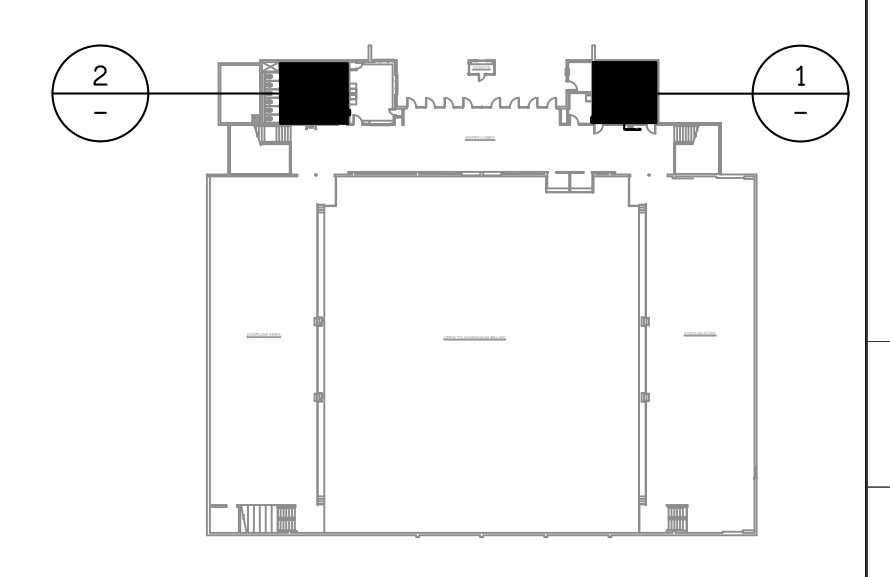
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4667 Telegraph Road
Ventura, CA 93003

**AEC BUILDING
PUBLIC RESTROOM
RENOVATION**

PROJECT DIRECTORY

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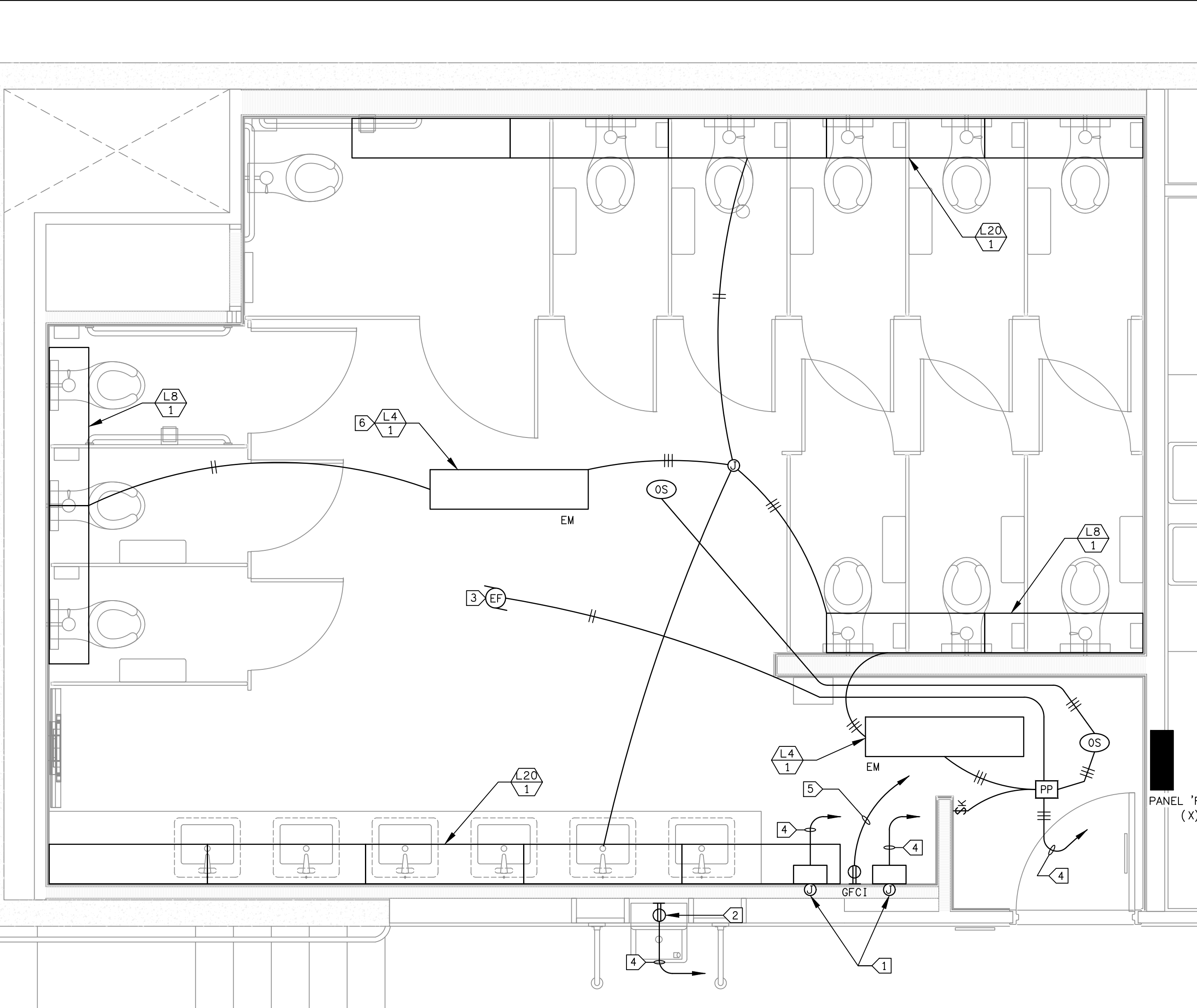


KEY MAP
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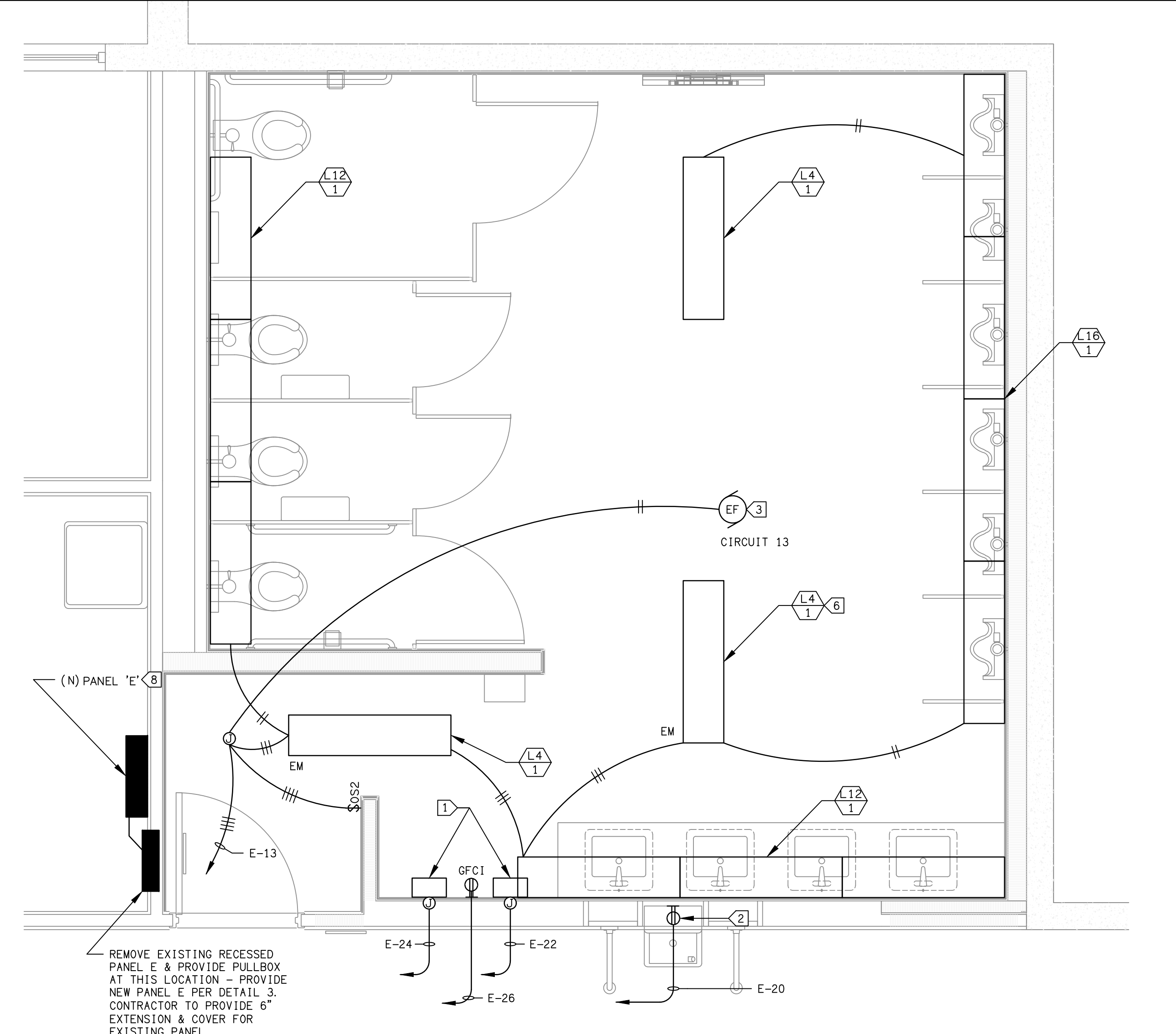
**MEN'S AND WOMEN'S
RESTROOM POWER AND
LIGHTING DEMOLITION
PLANS**

SHEET NAME	
DATE	12/08/15
SCALE	AS SHOWN
PROJECT	C15 - 007 15-806
SHEET NUMBER	E400
OF SHEETS	

DRAWING FILENAME: 180606AEC401
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AEC BUILDING WOMEN'S RESTROOM (2)
 SCALE: 1/2" = 1'-0"
 SHEET NUMBER OF SHEETS: E401



AEC BUILDING MEN'S RESTROOM (1)
 SCALE: 1/2" = 1'-0"
 SHEET NUMBER OF SHEETS: E401

LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	WATT	DESCRIPTION	LAMP - TYPE AND QUANTITY	MOUNTING	MANUFACTURER AND MODEL NUMBER	REMARKS
L4	[Symbol]	27	10" x 48" SURFACE MOUNT VOLUMETRIC	LED	SURFACE	LITHONIA STL430LEZ1LF840	*
L8	[Symbol]	54	2 UNIT L4 CONTINUOUS ROW	LED	SURFACE	(2) LITHONIA STL430LEZ1LF840	*, STCR OPTION
L12	[Symbol]	81	3 UNIT L4 CONTINUOUS ROW	LED	SURFACE	(3) LITHONIA STL430LEZ1LF840	*, STCR OPTION
L16	[Symbol]	108	4 UNIT L4 CONTINUOUS ROW	LED	SURFACE	(4) LITHONIA STL430LEZ1LF840	*, STCR OPTION
L20	[Symbol]	135	5 UNIT L4 CONTINUOUS ROW	LED	SURFACE	(5) LITHONIA STL430LEZ1LF840	*, STCR OPTION

* WHEN NOTED EM, CONTRACTOR TO PROVIDE EL14L OPTION

DEVICE/CONTROL LEGEND

TAG	DESCRIPTION
\$S	WALL MOUNTED SENSOR SWITCH #WSD PDT 2P W/DUAL RELAYS FOR LIGHT & FAN
\$K	KEYED SWITCH
PP	POWER PACK - SENSOR SWITCH #PP20-2P
OS	CEILING OCCUPANCY SENSOR, SENSOR SWITCH #CMPDT 9

EXISTING PANEL

PANEL NUMBER E		VOLTAGE 120/208		PHASE 3		WIRE 4	
SOURCE DP		A.I.C. 10,000		BUS AMPERE RATING 225		NEMA 1	
PANEL LOCATION JANITORS CLOSET		COPPER BUSS		MAIN CIRCUIT BREAKER 225		SURFACE MOUNTING	
L	C	A	B	C	A	B	C
LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)	LOAD (VA)
BRKR	BRKR	BRKR	BRKR	BRKR	BRKR	BRKR	BRKR
POLE	POLE	POLE	POLE	POLE	POLE	POLE	POLE
AMP	AMP	AMP	AMP	AMP	AMP	AMP	AMP
CT	CT	CT	CT	CT	CT	CT	CT
PHASE	PHASE	PHASE	PHASE	PHASE	PHASE	PHASE	PHASE
A	B	C	A	B	C	A	B
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135	136	137	138	139	140	141	142
136	137	138	139	140	141	142	143
137	138	139	140	141	142	143	144
138	139	140	141	142	143	144	145
139	140	141	142	14			

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PLUMBING NOTES

- THE SCOPE OF WORK COVERED BY THESE PLUMBING DRAWINGS SHALL INCLUDE ALL LABOR, PLUMBING FIXTURES, FITTINGS, EQUIPMENT, PRODUCTS, ACCESSORIES AND ALL ASSOCIATED MATERIALS NECESSARY FOR AND REASONABLY INCIDENTAL TO THE PROPER INSTALLATION OF THE ENTIRE PLUMBING WORK SHOWN ON THE ARCHITECTURAL AND PLUMBING DRAWINGS, INCLUDING THE NOTES AND SPECIFICATIONS. THE SCOPE SHALL FURTHER INCLUDE THE REMOVAL OF ALL ITEMS SHOWN AND NOTED ON THE ARCHITECTURAL AND PLUMBING PLANS.
- THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR OWNER OF DISCREPANCIES AND UNFORESEEN CONDITIONS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES WITH RESPECT TO ELEVATION, SITE LOCATION, MATERIAL, METER (IF APPLICABLE) AND POINTS-OF-CONNECTION.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO VERIFY THE DISINFECTING OF ALL OBTAINED WATER LINES WITHIN THE SCOPE OF THE PROJECT (CPC SECT 609.9).
- UNLESS OTHERWISE INDICATED THE CONTRACTOR SHALL BE THE RESPONSIBLE AGENT TO OBTAIN AND PAY FOR ALL PERMITS, FEES, CONNECTION CHARGES, AND TEMPORARY SERVICE CHARGES WHERE APPLICABLE.
- ALL MATERIALS AND METHODS OF INSTALLATION SHALL COMPLY WITH THE CALIFORNIA PLUMBING CODE, 2013 ED., AND ANY OTHER STATE AND LOCAL ORDINANCES.
- THE CONTRACTOR SHALL FULLY COORDINATE THIS WORK INCLUDING ANY FIELD DETAILS WITH OTHER AFFECTED TRADES TO AVOID ALL INTERFERENCES, TO MAINTAIN ALL REQUISITE CLEARANCES, AND TO AVOID UNNECESSARY DELAYS.
- THE CONTRACTOR AT PREPARE AND PAY FOR 5 COPIES OF THE MANUFACTURER'S TECHNICAL BROCHURES, INSTALLATION DRAWINGS, SPECIFICATIONS, CUT SHEETS AND OTHER INFORMATION TO COMPLETELY VERIFY THE PLUMBING FIXTURES, ACCESSORIES, EQUIPMENT, PRODUCTS, MATERIALS AND ASSOCIATED ITEMS. THIS INFORMATION SHALL BE ASSEMBLED IN BINDER FORMAT (BOOK FORM) AND SUBMITTED TO THE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL VERIFY THE INSTALLATION OF TOILETS, LAVATORIES, URINALS, AND DRINKING FOUNTAIN PLUMBING FIXTURES AND ALL RESTROOM ACCESSORIES COMPLY WITH ALL DISABILITY ACCESS REQUIREMENTS PER CBC CHAPTER 11B AND THE AMERICANS FOR DISABILITY ACT.
- THE CONTRACTOR SHALL VERIFY THE DIMENSIONED LOCATION OF ALL PLUMBING FIXTURES PRIOR TO THE START OF WORK. THE EXACT LOCATION OF THE PLUMBING FIXTURES IS SHOWN ON THE ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL PAY ALL COSTS OF DESIGN AND INSTALLATION FOR CHANGES RESULTING FROM THE SUBSTITUTION OF ALTERNATE PLUMBING FIXTURES, ACCESSORIES, AND ANY OTHER PRODUCTS NOT NOTED. ACCEPTANCE OF ALTERNATE PLUMBING FIXTURES, ACCESSORIES, AND OTHER PRODUCTS DOES NOT CHANGE THIS RESPONSIBILITY OR REQUIREMENT.
- THE DRAWINGS ON THE PLUMBING PLAN SHOW THE PIPES AND LINE DIAGRAMMATICALLY (SCHEMATICALLY). THE CONTRACTOR SHALL ALLOW FOR MINOR RE-ROUTING AS MAY BE REQUIRED AS INCLUDED IN THE SCOPE OF THIS WORK.
- THE CONTRACTOR SHALL VARY THE RUN OF PLUMBING LINES AND PIPES, AND INSTALL OFFSETS DURING THE PROGRESS OF THE INSTALLATION AS MAY BE REQUIRED TO AVOID STRUCTURAL, HVAC, ELECTRICAL SERVICE, AND ANY OTHER CONFLICTS WITH THIS WORK.
- ALL BUILDING WASTE DRAIN LINES SHALL SLOPE 1/8" PER FOOT MINIMUM.
- CLEANOUTS SHALL BE READILY ACCESSIBLE, AND SHALL BE INSTALLED WITH ADEQUATE SPACE CLEARANCE FOR EFFECTIVE USE. CLEANOUTS SHALL NOT BE LOCATED IN HIGH TRAFFIC AREAS OR WORK STATION AREAS. PROVIDE CLEANOUTS WITH 135 DEGREES OF TURN AND LOCATE AT 100-FT INTERVALS MAXIMUM.
- PROVIDE AUTOMATIC TRAP PRIMERS FOR ALL FLOOR DRAINS AND INFREQUENTLY USED PLUMBING RECEPTACLES.
- ANY VENT PIPES THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" CLEARANCE FROM ANY HVAC AIR INTAKES, WINDOWS, VENTS AND OPENINGS INTO THE BUILDING. TIE THE VENT PIPES TOGETHER TO CREATE A MINIMUM NUMBER OF ROOF PENETRATIONS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR WATERPROOF SEALING ALL ROOF PENETRATIONS INTO THE BUILDING. THE CONTRACTOR SHALL COORDINATE THIS WATERPROOF SEALING THE ROOFING CONTRACTOR OR GENERAL CONTRACTOR.
- ALL HOT WATER PIPING SHALL BE INSULATED WITH ONE-INCH MINIMUM FIBERGLASS INSULATION WITH ASSOCIATED JACKETING AND "ESTOON" FITTINGS, OR APPROVED EQUIVALENT.
- ROUGH-IN ALL WASTE LINES AND SUPPLY LINES TO ALL FIXTURES AND SPECIAL EQUIPMENT, AND MAKE ALL FINAL CONNECTION HOOK-UPS ACCORDING TO THE MANUFACTURER'S INSTALLATION DRAWINGS AND REQUIREMENTS.
- PIPING AND LINES SHALL NOT PASS THROUGH ANY FOUNDATION FOOTINGS UNLESS OTHERWISE SHOWN AND NOTED ON THE PLANS. REFER TO THE ARCHITECTURAL AND STRUCTURAL PLANS.
- SEAL ALL PIPING LINES THAT MAY PASS THROUGH ANY FIRE-RATED WALL OR CEILING ASSEMBLY WITH AN ICC APPROVED FIRE STOP MATERIAL.
- SUSPENDED PIPING LINES SHALL BE INSTALLED WITH ADJUSTABLE "J" HANGERS AND THREADED RODS, AND SHALL BE DOUBLE NUTTED. HANGERS AND SUPPORTS SHALL BE SIZED TO FULLY SUPPORT THE FULL WEIGHT OF EACH PIPE. THE WEIGHT OF THE FLUID AND THE WEIGHT OF THE INSULATION. PROVIDE 12-INCH LENGTH 24 GAUGE SHEET METAL SLEEVE AT INSULATED PIPES WHERE SUPPORTED BY HANGERS.
- EACH HANGER OR CLAMP SHALL BE INSTALLED WITH ISOLATION MATERIAL HAVING LIGHT GAUGE STEEL BAND BACKING IN ORDER TO ISOLATE ELECTROLYSIS AND SOUND VIBRATION. THIS ISOLATION MAY NOT BE REQUIRED FOR SOIL, WASTE, VENT AND FUEL GAS PIPE LINES.
- ISOLATE ALL PIPING LINES FROM STRUCTURAL COMPONENTS WITH FELT PADS OR TRISOLATORS.
- ALL INSULATED PIPING LINES SHALL HAVE A SADDLE INSTALLED AT EACH HANGER OR SUPPORT. THESE SADDLE ASSEMBLIES SHALL BE SIZED FOR THE RESPECTIVE PIPE DIAMETERS AND FOR INSULATION THICKNESS.
- SAW-CUTTING OF CONCRETE FLOORS AND WALLS, AND CUTTING OF OTHER STRUCTURAL COMPONENTS SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND THE OWNER PRIOR TO THE START OF THIS WORK.
- ALL SUPPLY LINES SHALL BE EQUIPPED WITH 1/4" TURNER TURN BALL VALVES AT THEIR RESPECTIVE TERMINATION.
- INSTALL DI-ELECTRIC UNIONS AT ANY PLUMBING CONNECTION OF DISSIMILAR METALS.
- ALL PRESSURIZED WATER LINE PIPING BELOW GRADE SHALL BE INSTALLED WITH 2'-0" DEPTH MINIMUM COVER BELOW GRADE.
- INSTALL SHUT-OFF VALVES AT THE TERMINATION OF ALL WATER AND FUEL GAS ROUGH-IN LINES PRIOR TO CONNECTING FINAL HOOK-UPS TO PLUMBING FIXTURES AND EQUIPMENT.
- ALL BURIED BLACK STEEL PIPE SHALL BE FACTORY WRAPPED WITH PROTECTIVE CHLORIDE OR POLYETHYLENE TAPE: SCOTCHWRAP 51, OR EQUIVALENT.
- PROVIDE AND INSTALL WATER HAMMER ARRESTORS FOR ALL QUICK ACTING VALVES, AND AT THE END OF LONG WATER PIPING RUNS.
- MAXIMUM WATER TEMPERATURE SHALL BE LIMITED TO 110 DEGREE FAHRENHEIT FOR ALL PUBLIC LAVATORIES.
- PURGE ALL WATER AND GAS LINES PRIOR TO FINAL INSPECTION.
- TEST ALL WATER LINE SYSTEMS AT A HYDROSTATIC PRESSURE OF 150 PSIG MINIMUM WITH A 5 PSIG PERMISSIBLE DROP AFTER FOUR (4) HOURS DURATION.
- FILL AND TEST THE ENTIRE WASTE DRAIN AND VENT ASSEMBLY WITH WATER TO THE LEVEL OF THE HIGHEST VENT STACK FOR A DURATION OF TWO (2) HOURS.
- FILL AND TEST THE ENTIRE INTERIOR RAIN WATER ASSEMBLY WITH WATER TO THE LEVEL OF THE HIGHEST VENT STACK FOR A DURATION OF TWO (2) HOURS, IF APPLICABLE.
- TESTS MUST BE PERFORMED AND ALL SYSTEMS CONFIRMED FOR THEIR INTENDED USE PRIOR TO FINAL PAINTING, COVERING, INSULATING, FURRING, AND/OR CONCEALING ANY PIPING.
- UPON COMPLETION OF THE WORK, ALL CHANGES, ALTERATIONS AND MODIFICATIONS SHALL BE NOTED ON A SET OF DRAWING PRINTS, AND DELIVERED TO THE ARCHITECT.

PLUMBING LEGEND

---	CW	---	COLD WATER LINE
---	HW	---	HOT WATER LINE
---	G	---	FUEL GAS LINE
---		---	SANITARY WASTE (DRAIN) LINE
---		---	(E) SANITARY WASTE (DRAIN) LINE
---		---	VENT PIPE
⊕		⊕	DRAINS/FLOOR DRAINS
⊕		⊕	FLOOR CLEAN OUT
⊕		⊕	WALL CLEAN OUT
⊕		⊕	P.O.C. (POINT OF CONNECTION)
⊕		⊕	S.O.V. (SHUT-OFF VALVE)
⊕		⊕	L-ANGLE / T-ANGLE

MINIMUM CONNECTION SIZES

FIXTURE	S/W	VENT	DRAIN	COLD WATER	HOT WATER
TOILET	4"	2"	-	1/2"	-
URINAL	2"	1 1/2"	-	3/4"	-
LAVATORY	2"	1 1/2"	-	1/2"	1/2"
HAND SINK	2"	1 1/2"	-	1/2"	1/2"
UTILITY SINK	2"	1 1/2"	-	-	-
FLOOR SINK	2"	1 1/2"	-	-	-
FLOOR DRAIN	4"	1 1/2"	-	1/2"	-

MAXIMUM WATER USAGE

FIXTURE	USAGE
TOILET	1.6 GAL. PER FLUSH MAX.
URINAL	1.0 GAL. PER FLUSH MAX.
LAVATORY	0.5 GAL. PER MINUTE MAX.
HAND SINK	0.5 GAL. PER MINUTE MAX.
UTILITY SINK	0.5 GAL. PER MINUTE MAX.
FLOOR SINK	0.5 GAL. PER MINUTE MAX.
SHOWERHEAD	2.5 GAL. PER MINUTE MAX.

ALL PLUMBING FIXTURES AND OPERATING VALVES AND CONTROLS SHALL BE CALIFORNIA ENERGY COMMISSION (CEC) APPROVED

PLUMBING MATERIALS

SOIL, WASTE, DRAIN, AND VENT LINES: SCHEDULE 40 ABS PER ASTM F828 OR ASTM D 2861 AND ABS FITTINGS FOR DWV APPLICATIONS. JOINTS AND FITTINGS SHALL COMPLY WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

ALL PRODUCTS SHALL BEAR THE SEAL OF A NATIONALLY RECOGNIZED CERTIFYING AGENCY. JOIN ABS COMPONENTS WITH "MEK" SOLVENT CEMENT FOR ABS DWV PER ASTM D 2235. MAINTAIN 4'-0" LENGTH MAXIMUM BETWEEN HANGER SUPPORTS. PROVIDE FOR FREE MOVEMENT, EXCEPT UPWARD MOVEMENT SHALL BE RESTRICTED.

CONTROL EXPANSION AND CONTRACTION WITH EXPANSION JOINTS, GUIDES, CLAMPED FLEXIBLE CONNECTORS, HUBLESS COUPLINGS AND OFFSET PIPING CONFIGURATIONS.

WATER LINES: TYPE "L" COPPER. ANY UNDER SLAB WATER LINES SHALL BE TYPE "K" DRAWN COPPER. ALL COPPER FITTINGS SHALL COMPLY WITH ASTM B88. ALL COPPER PIPING SHALL BE REAMED TO FULL INSIDE DIAMETER. USE LISTED FLUX AND LEAD FREE SOLDER. INSULATE ALL HOT WATER PIPING LINES WITH ONE-INCH THERMOCELL INSULATION, PER CPC, 2013 ED.

GAS PIPING: ABOVE GRADE GAS PIPING SHALL BE 150 PSI SCHEDULE 40. ALL EXTERIOR BURIED GAS PIPING SHALL BE FACTORY WRAPPED SCHEDULE 40 WITH ALL JOINTS PRIMED AND WRAPPED TWICE WITH 20 MIL TAPE, OR SHALL BE GAS RATED PIPING WITH TRACER WIRE. PE GAS PIPING MUST BE AIR TESTED TO 60PSI FOR 30 MINUTES DURATION.

BURIED PE GAS PIPING SHALL HAVE A LISTED STEEL TRANSITION TO ABOVE GROUND INSTALLATION. FITTINGS SHALL BE MALLEABLE IRON FITTINGS SPECIFIED FOR STEEL GAS PIPING.

VALVES: ALL VALVES SHALL HAVE BRASS BODIES RATED TO 125PSI, NIBCO, OR EQUIVALENT. WATER SHUT OFF VALVES SHALL BE FULL PORT BALL VALVES, UNO PER CPC, 2013 ED.

MAXIMUM HANGER SPACING

PIPE TYPE	HORIZONTAL	VERTICAL
SCHEDULE 40 ABS DWV & PVC DWV	ALL: 48-INCH MAX. ALLOW FOR EXPANSION	BASE & EACH FLOOR PROVIDE FOR EXPANSION EVERY 30'-0"
CAST IRON	EVERY OTHER JOINT	BASE & EACH FLOOR
HUBLESS	UNLESS OVER 4'-0" THEN SUPPORT EACH SIDE OF JOINT 1'-0" MAXIMUM	15'-0" MAXIMUM
COPPER PIPE	1/2" & SMALLER: 6' MAX. 2" & LARGER: 10' MAX.	EACH FLOOR
STEEL GAS	1/2": 6'-0" MAX. 3/4" & 1": 8'-0" MAX. 1 1/2" & LARGER: 10' MAX.	1/2" & LARGER EACH FLOOR

HANGER SPACING NOTES

- HANGERS SHALL NOT BE PLACED ON COUPLINGS.
- FOR MECHANICALLY-JOINTED PIPING, NO PIPE LENGTH MAY BE LEFT UNSUPPORTED BETWEEN ANY TWO COUPLINGS.
- USE HANGERS WITH 1/2" MINIMUM VERTICAL ADJUSTMENT.
- PROVIDE SEISMIC BRACING FOR ALL PIPING THAT IS 1-INCH AND LARGER EXCEPT WHERE THE TOP OF THE PIPE IS SUSPENDED 12-INCHES OR LESS BY AN INDIVIDUAL HANGER PER PROS/MACNA.

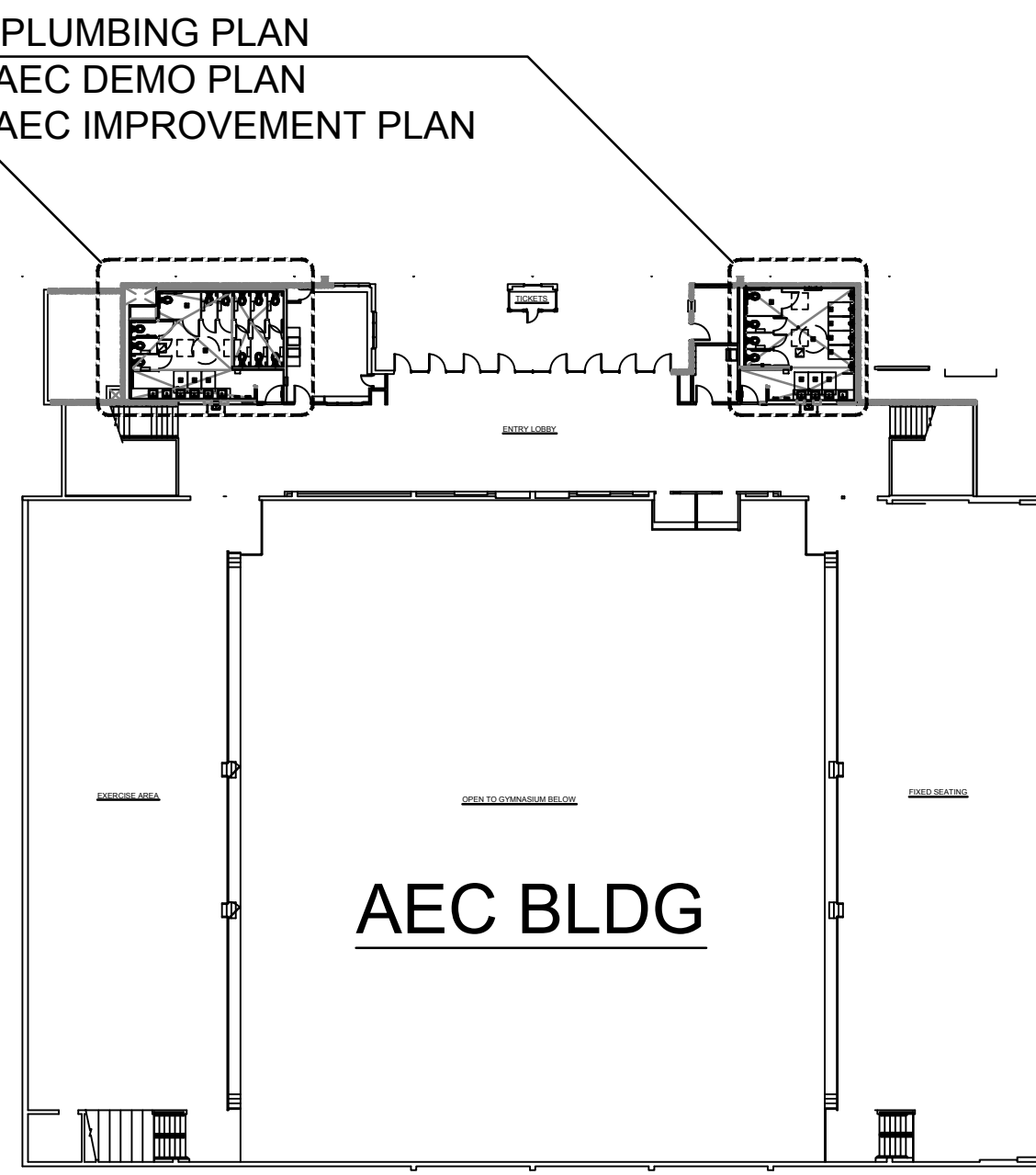
SUPPORT PIPING AT HORIZONTAL BRANCH CONNECTIONS

PIPE SIZE	MINIMUM HANGER ROD DIAMETER
1/2" - 1"	3/8"
1 1/2" - 2"	1/2"
2 1/2" - 3"	5/8"
PVC (ALL SIZES)	3/8"

PLUMBING FIXTURE SCHEDULE

No	ITEM	FIXTURE	DESCRIPTION
1	TOILET H.C.		KOHLER KINGSTON TOILET K-4325 (WHITE) / K-4713-C SEAT & SLOAN: 111-1.6 HET (1.6 GPF)
2	TOILET TYP.		KOHLER KINGSTON TOILET K-4325 (WHITE) / K-4713-C SEAT & SLOAN: 111-1.6 HET (1.6 GPF)
3	LAVATORY IN COUNTER		KOHLER TAHOE LAVATORY K-2890-4U (WHITE) UNDERCOUNTER MOUNT CHICAGO FAUCET : 802-V 317ABCPD PROVIDE 1/4" TURN SUPPLY VALVES
4	LAVATORY WALL HUNG		KOHLER KINGSTON LAVATORY K-2005 (WHITE) WALL HUNG CHICAGO FAUCET : 802-V 317ABCPD PROVIDE 1/4" TURN SUPPLY VALVES
5	URINAL TYP.		KOHLER DEXTER URINAL K-0-5016-ET (WHITE) / SLOAN : 186-0.5 HEU (0.5 GPF) OR URINAL : ER 6002NAV-CPM FLUSH VALVE AT ACCESSIBLE URINALS

P-2: PLUMBING PLAN
A-2: AEC DEMO PLAN
A-4: AEC IMPROVEMENT PLAN



UPPER LEVEL KEY PLAN

SCALE: 1/32" = 1'-0"

REVISIONS

REVISIONS	DATE	BY
△	01 DEC 15	REC
△	15 DEC 15	REC
△	02 APR 16	REC
△		

ROY E COLBERT

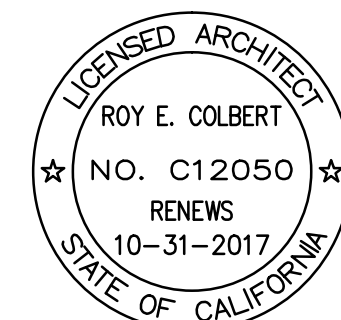
ARCHITECTURE
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COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM
MEN & WOMEN
RESTROOM
RENOVATION

PROJECT DIRECTORY

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XXXX

CIVIL ENGINEER:
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STRUCTURAL ENGINEER:
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ELECTRICAL ENGINEER:
LUCCI & ASSOCIATES
805/389.6520

MECHANICAL ENGINEER:
A/E GROUP
805/653.1722

LANDSCAPE ARCHITECT:
XXXX

WATER SYSTEM / FIRE PROTECTION SYSTEM:
XXXX

AEC: EVENT CENTER
MEN & WOMEN
RESTROOMS
PLUMBING NOTES

SHEET NAME

DATE

SCALE AS SHOWN

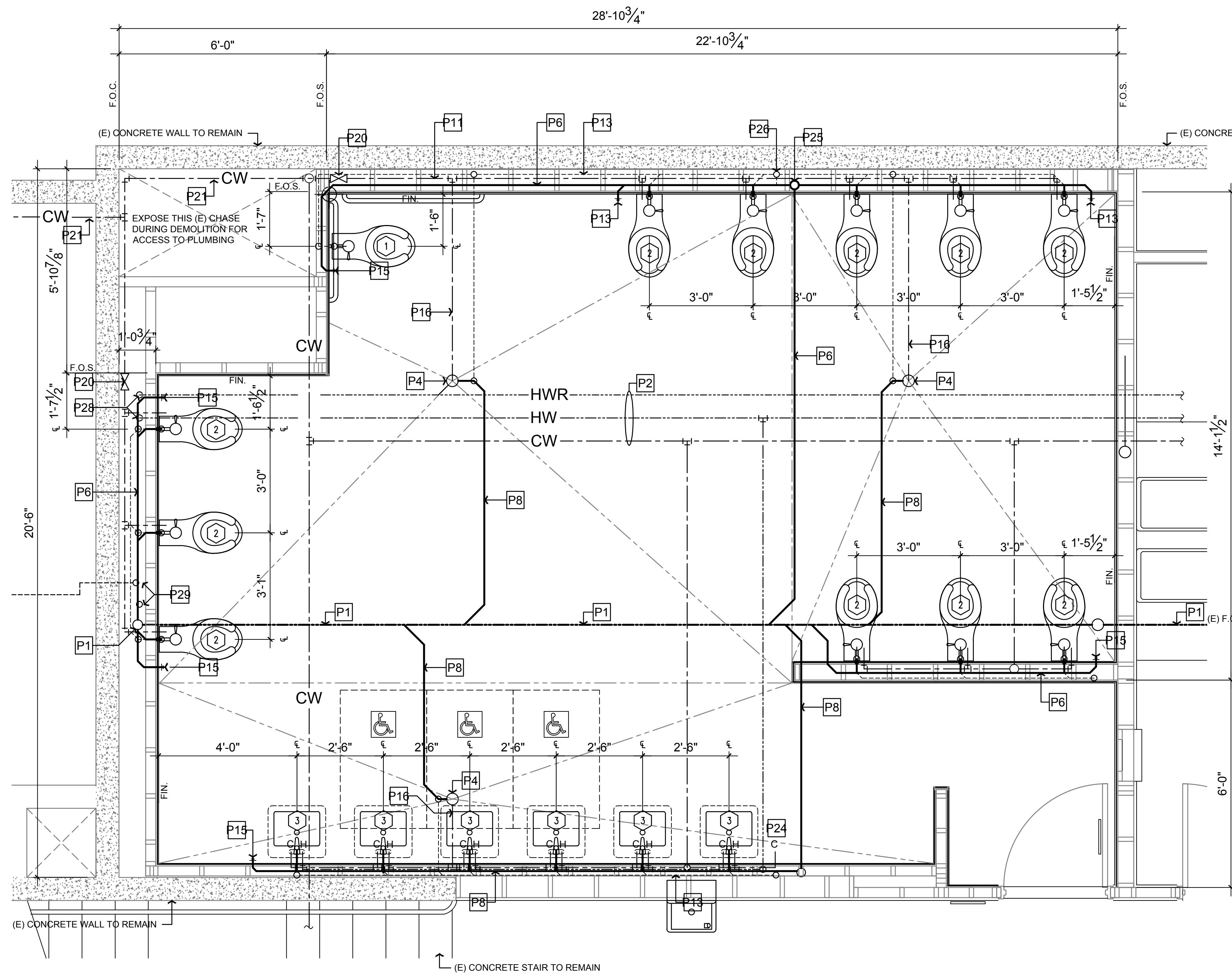
PROJECT C15 - 007

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SHEET NUMBER OF SHEETS

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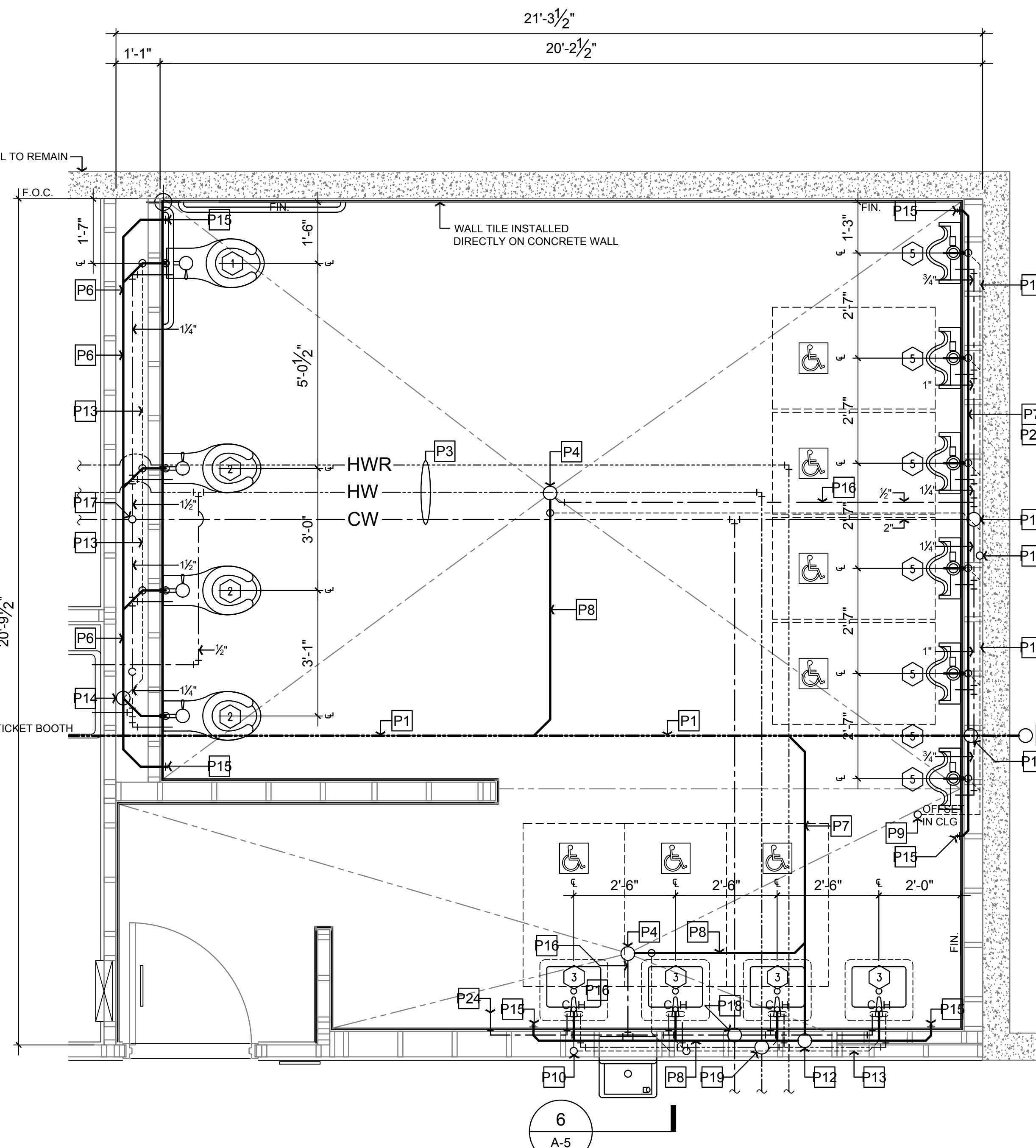
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AEC: WOMEN'S PLUMBING PLAN

SCALE: 1/2" = 1'-0"



AEC: MEN'S PLUMBING PLAN

SCALE: 1/2" = 1'-0"

PLUMBING FIXTURE SCHEDULE		
ITEM	FIXTURE	DESCRIPTION
1		KOHLER KINGSTON TOILET - K-4325 (WHITE) / K-4731-C SEAT & URN // ER8000AV-CFM (1.6 GPF)
2		KOHLER KINGSTON TOILET - K-4325 (WHITE) / K-4731-C SEAT & SLOAN // 111-1.6 HET (1.6 GPF)
3		KOHLER TANOE LAVATORY - K-2890-4U (WHITE) UNDERCOUNTER MOUNT CHICAGO FAUCET - 802-V-317ABCPO
4		KOHLER KINGSTON LAVATORY - K-2005 (WHITE) WALL-HUNG CHICAGO FAUCET - 116.211.AB.1 (ELECTRONIC)
5		KOHLER STANWELL URINAL - K-4972-ET (WHITE) / SLOAN // 186-0.5 HEU (0.5 GPF)

PLUMBING KEY NOTES

- P1 (E) 4-INCH C.I. WASTE TO REMAIN
- P2 (E) 3" C.W. / 1 1/2" H.W. / 1/2" H.W.R. OVERHEAD IN CLG TO REMAIN
- P3 (E) 2" C.W. / 1 1/2" H.W. / 1/2" H.W.R. OVERHEAD IN CLG TO REMAIN
- P4 (N) URN FLOOR DRAIN & 2-INCH WASTE // TRAP PRIMER PER VENTURA COLLEGE
- P5 (E) C.O.T.G. TO REMAIN
- P6 (N) 4" ABS LATERAL
- P7 (N) 3" ABS LATERAL
- P8 (N) 2" ABS LATERAL
- P9 (E) 2 1/2" VTR
- P10 (E) 2" VTR
- P11 (E) 4" SANITARY WASTE LINE DOWN TO BELOW TO REMAIN
- P12 (E) 2" SANITARY WASTE LINE DOWN TO BELOW TO REMAIN
- P13 (N) 2" VENT
- P14 (E) 2 1/2" VTR & 4" SANITARY WASTE DOWN TO BELOW TO REMAIN
- P15 (N) WALL CLEAN OUT // STAINLESS STEEL ACCESS PANEL
- P16 1/2" C.W. TO FLOOR DRAIN TRAP PRIMER
- P17 (N) 2" C.W. DOWN // FRAMING / PROVIDE SHUT-OFF VALVE IN RISER WITH ACCESS PANEL
- P18 (N) 1" C.W. DOWN // FRAMING / PROVIDE SHUT-OFF VALVE IN RISER WITH ACCESS PANEL
- P19 (N) 1/2" H.W. DOWN // FRAMING / PROVIDE SHUT-OFF VALVE IN RISER WITH ACCESS PANEL
- P20 SHUT-OFF VALVE // STAINLESS STEEL ACCESS PANEL
- P21 (E) 3-INCH COLD WATER
- P22 INSTALL CLEAN OUT ABOVE EACH URINAL // STAINLESS STEEL ACCESS PANEL
- P23 INSTALL ELKAY // SGBWSSK DRINKING FOUNTAIN
- P24 1/2" C.W. HOSE BIBB CHROME FINISH // CHROME ESCUTCHEON RING - KEYED

REVISIONS	DATE	BY
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**AEC: EVENT CENTER
MEN & WOMEN
RESTROOMS
PLUMBING PLANS**

SHEET NAME

DATE

SCALE

AS SHOWN

PROJECT

C15 - 007

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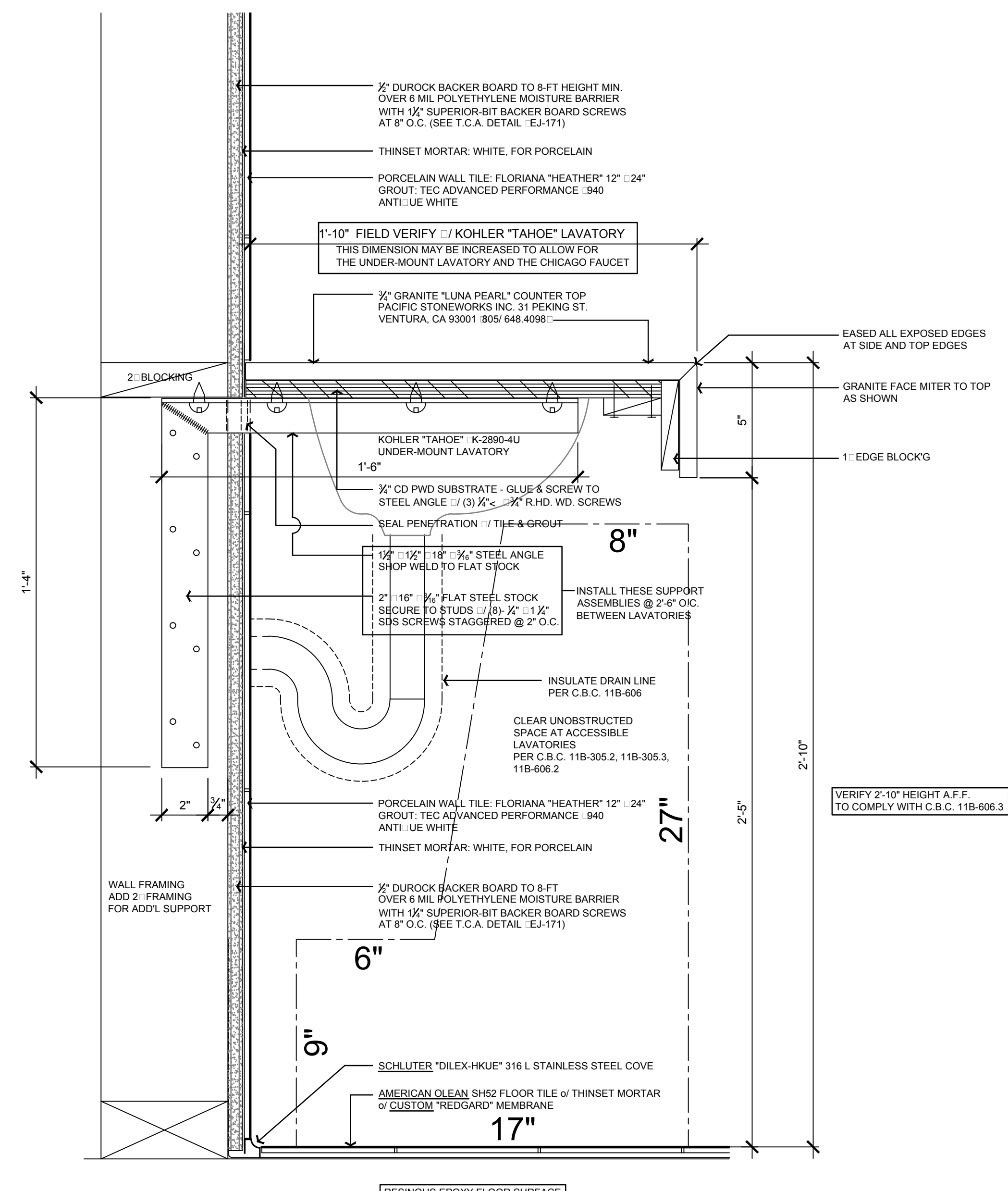
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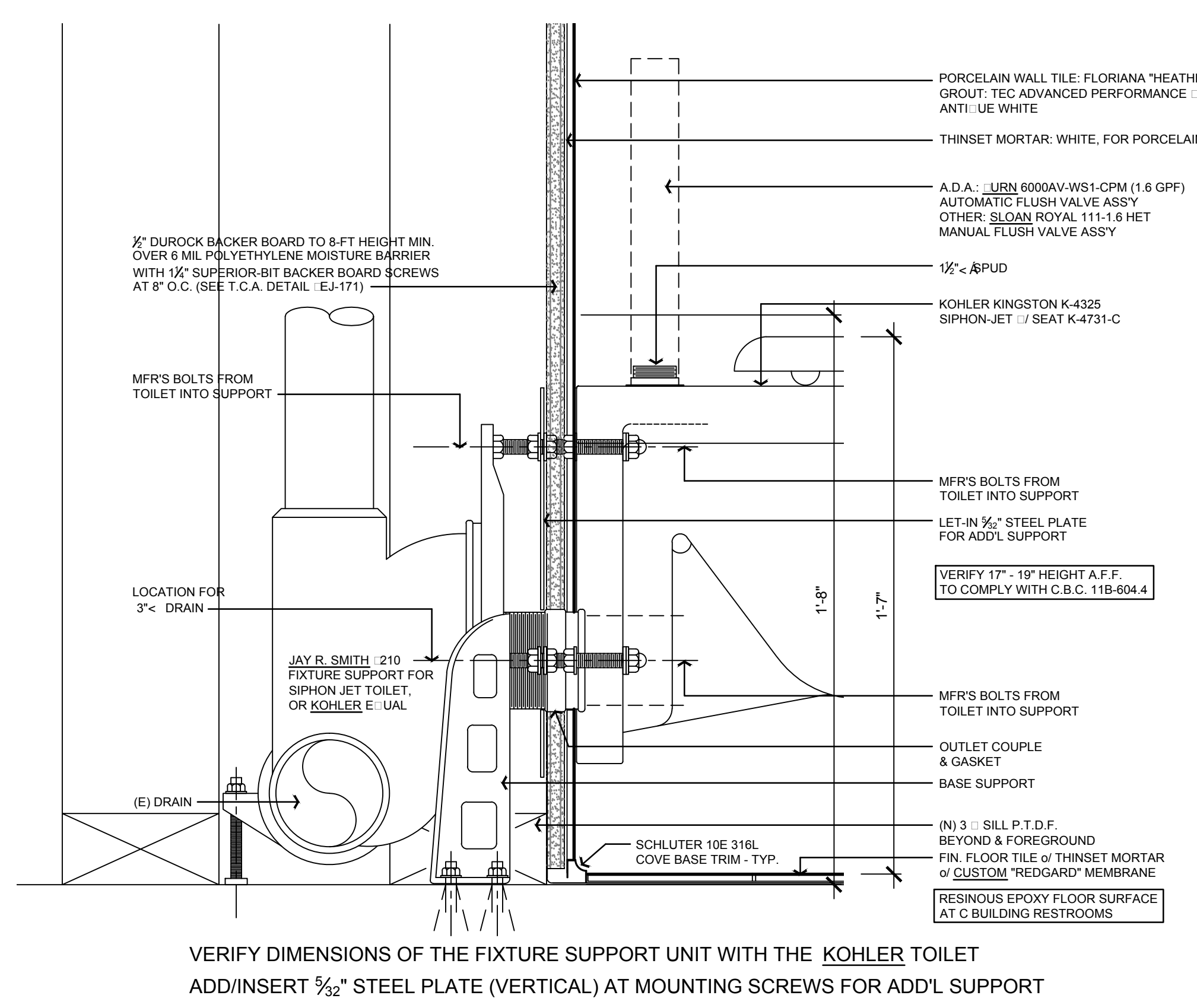
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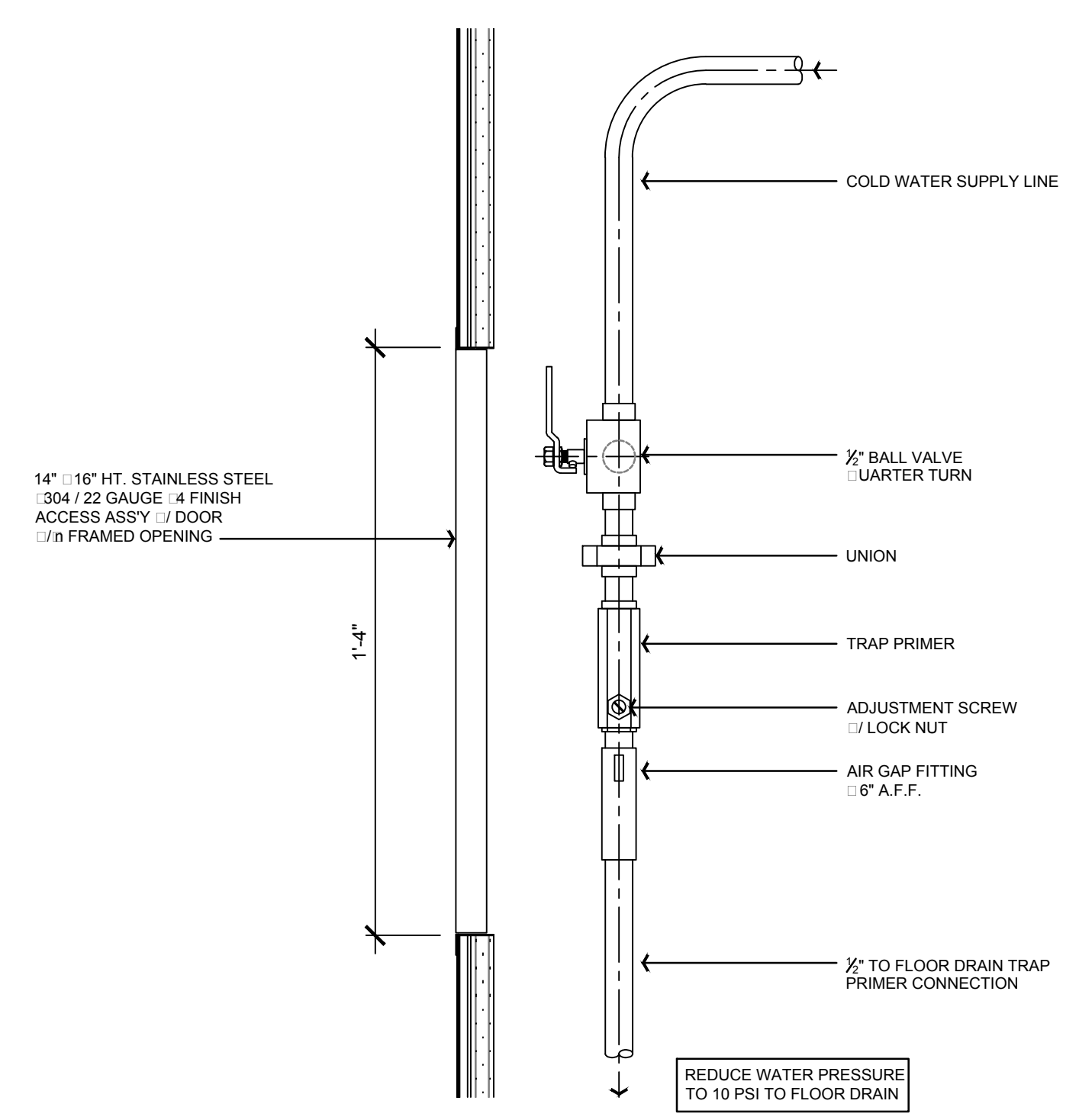
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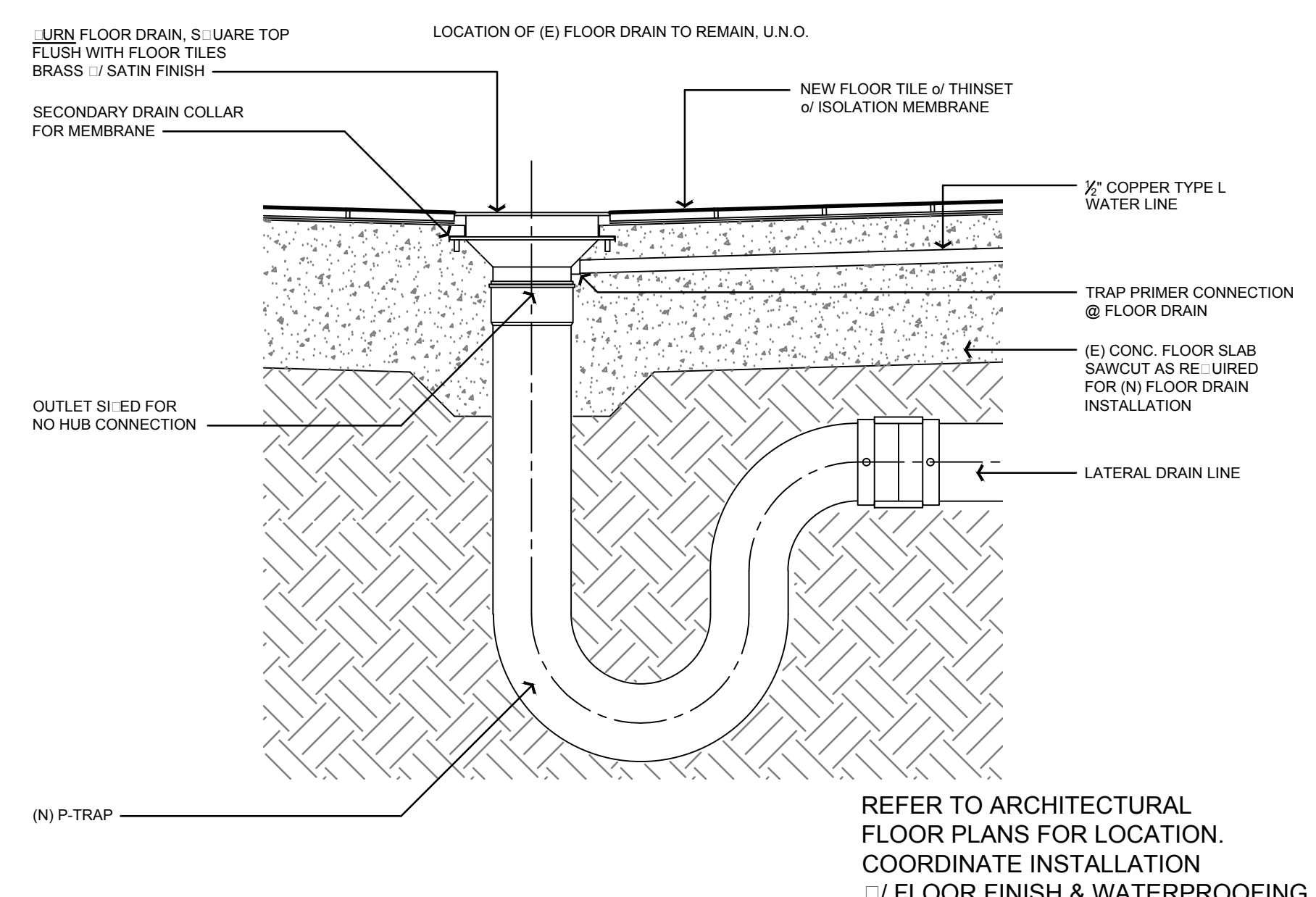
4 H.C. COUNTER TOP SUPPORT DTL - TYPICAL
SCALE: 3" = 1'-0"



1 WALL HUNG TOILET FIXTURE SUPPORT - TYPICAL
SCALE: 3" = 1'-0"



2 TRAP PRIMER DETAIL
SCALE: 3" = 1'-0"



3 FLOOR DRAIN DETAIL
SCALE: 3" = 1'-0"

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SCALE AS SHOWN

PROJECT C15 - 007

15-007:AEC: P-3 00
SHEET NUMBER OF SHEETS

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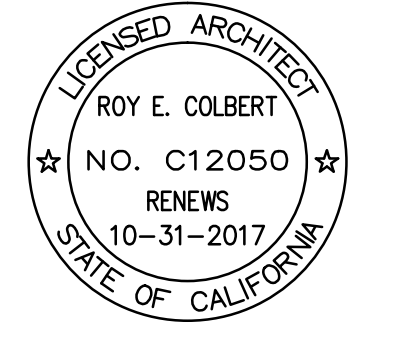
REVISIONS	DATE	BY
△	01 DEC 15	REC
△	15 DEC 15	REC
△	02 APR 16	REC
△		

ROY E COLBERT

ARCHITECTURE
PLANNING
DESIGN

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rcolb@sbcglobal.net
CALIFORNIA C12050
N.C.A.R.B.



The project has been designed by me, or under my direct supervision.

VENTURA COUNTY
COMMUNITY
COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM
MEN & WOMEN
RESTROOM
RENOVATION

PROJECT DIRECTORY

SOILS ENGINEER / SEPTIC SYSTEM:
XXXX

CIVIL ENGINEER:
XXXX

STRUCTURAL ENGINEER:
XXXX

ELECTRICAL ENGINEER:
LUCCI & ASSOCIATES
805/389.6520

MECHANICAL ENGINEER:
A/E GROUP
805/653.1722

LANDSCAPE ARCHITECT:
XXXX

WATER SYSTEM / FIRE PROTECTION SYSTEM:
XXXX

**AEC: EVENT CENTER
MEN & WOMEN
RESTROOM
HVAC DUCT PLANS**

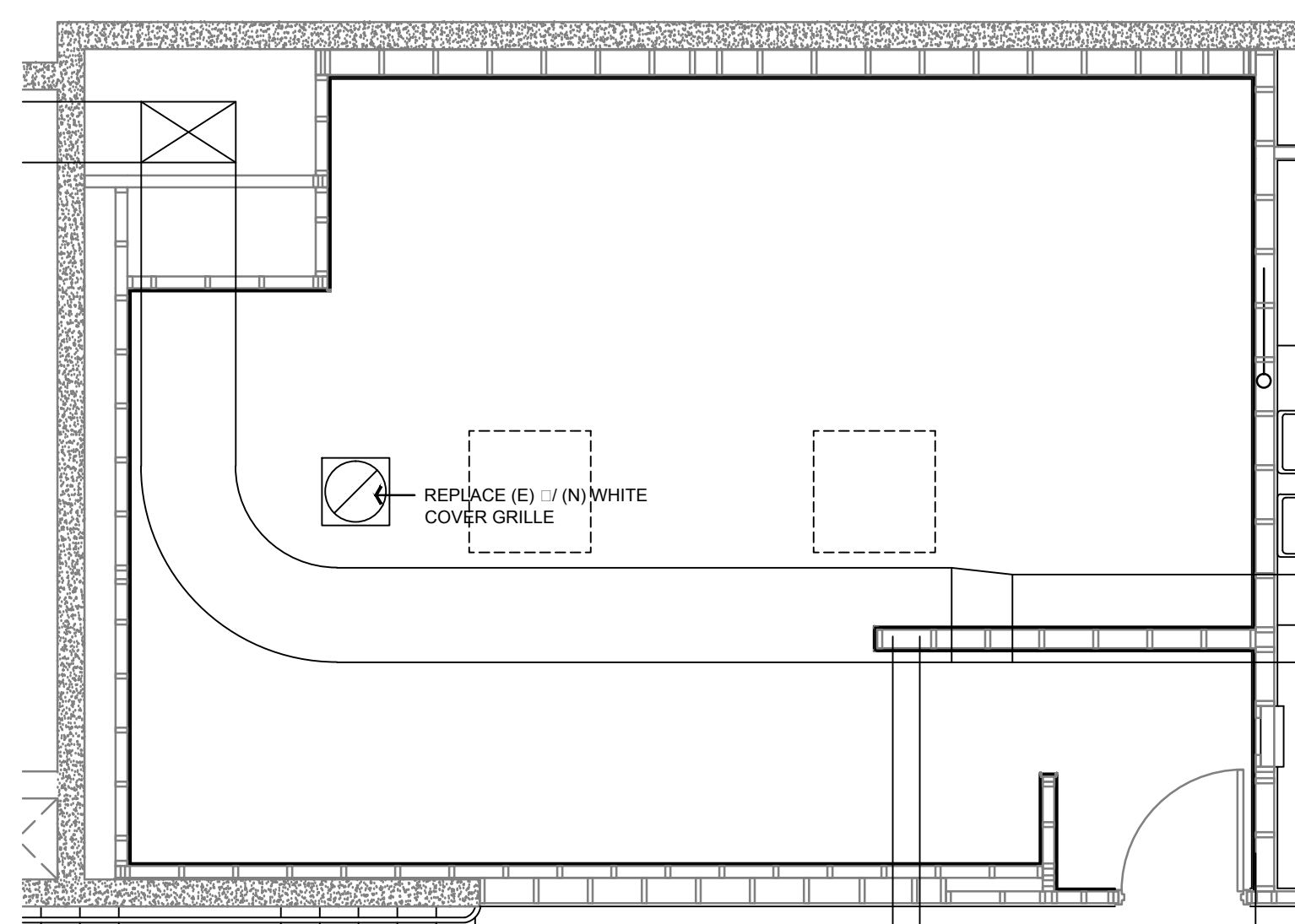
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DATE

SCALE **AS SHOWN**

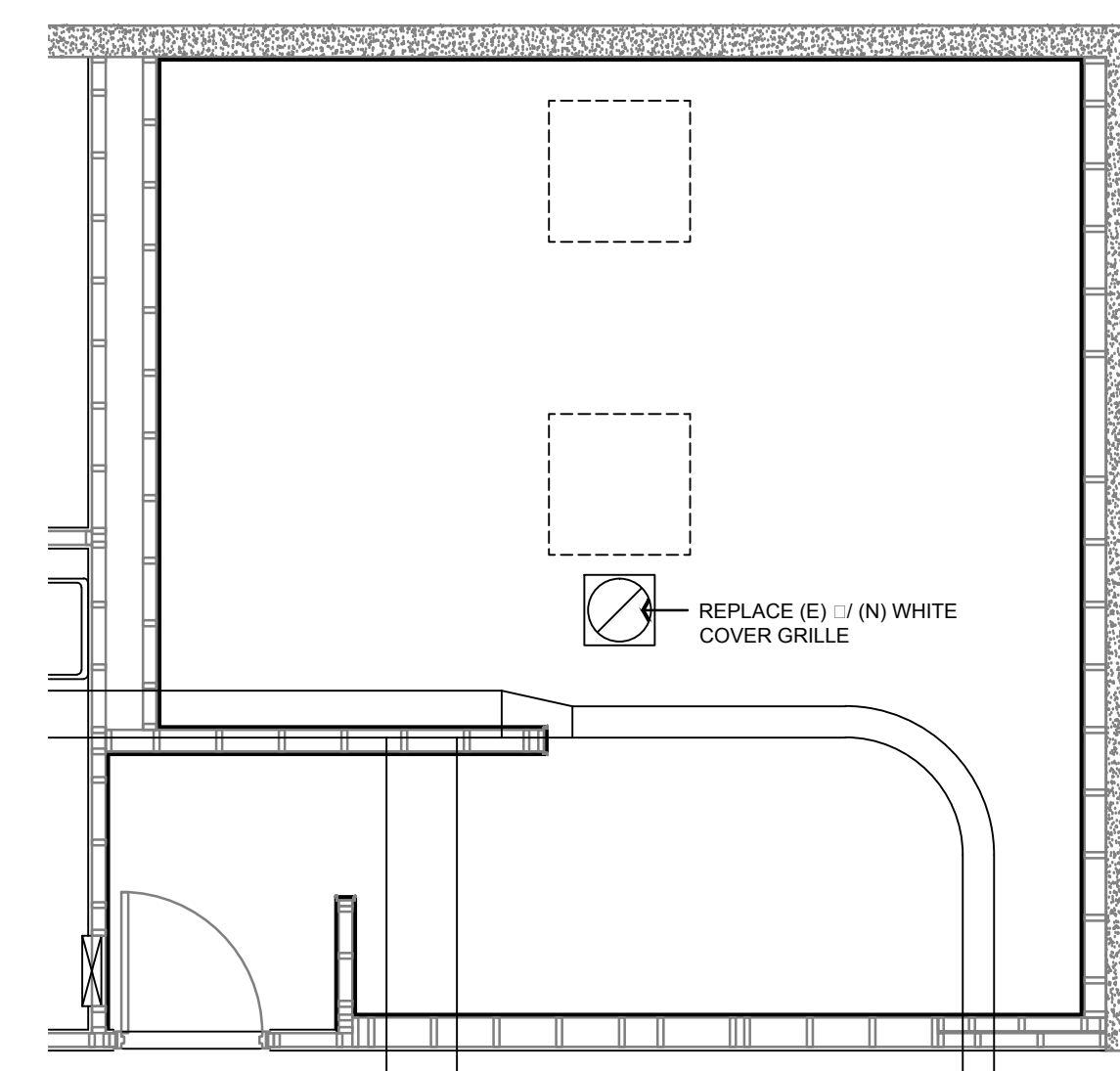
PROJECT **C15 - 007**

15-007:AEC: M-1 **00**
SHEET NUMBER OF SHEETS



AEC: WOMEN'S HVAC PLAN

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



AEC: MEN'S HVAC PLAN

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

NOTES:

1. MECHANICAL PLANS SHOW THE EXISTING OVERHEAD HVAC DUCTS
2. AEC - BUILDING DUCTS SHALL REMAIN WITHIN (E) ATTIC SPACE
3. C - BUILDING DUCTS SHALL REMAIN IN THE EXISTING SOFFITS (@ 7'-2" A.F.F.)
4. VERIFY THE EXISTING CONDITIONS AND COORDINATE WITH VENTURA COLLEGE

THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

ISSUED FOR CONSTRUCTION

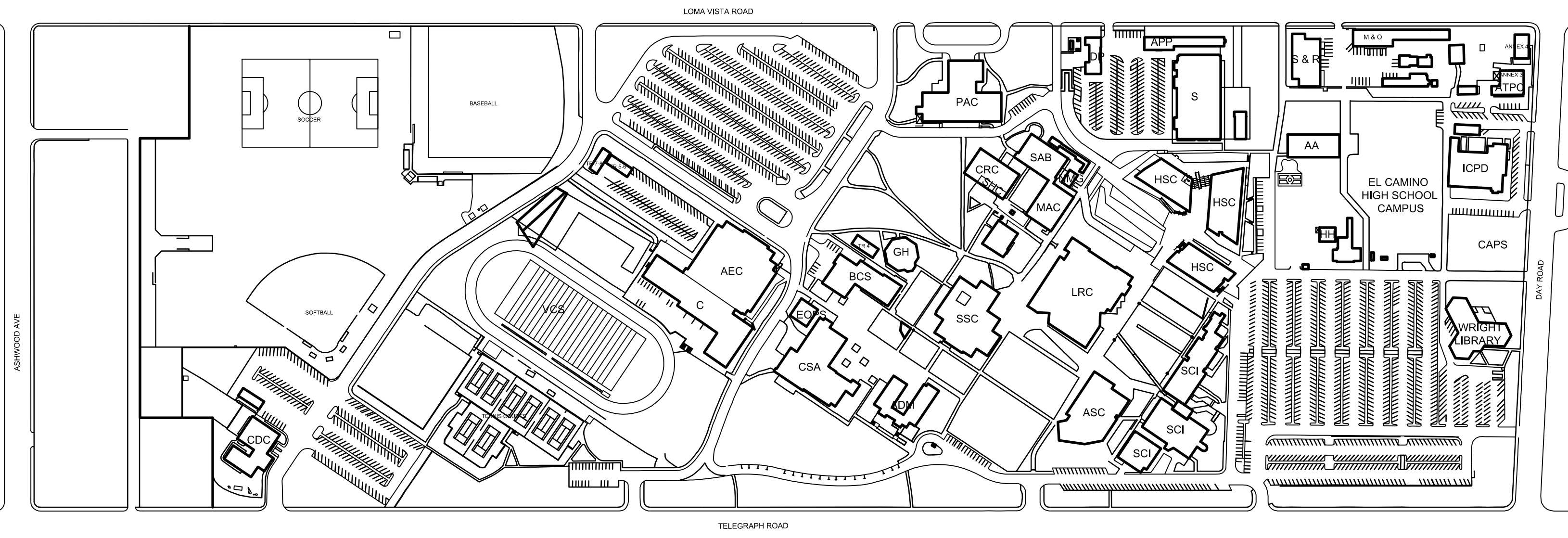
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GENERAL REQUIREMENTS

- THE DRAWINGS ARE INTENDED ONLY TO CONVEY DESIGN INTENT. THE PLANS AND SPECIFICATIONS SHALL NOT BE CONSIDERED AS EITHER A LIST OF PARTS OR ASSEMBLY INSTRUCTIONS. THE SPECIFICATIONS ARE INCLUDED WITH THESE DRAWINGS AND DEFINE ADDITIONAL WORK TO BE ACCOMPLISHED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW OF ALL OF THE CONTRACT DOCUMENTS, TO EXAMINE THE PROJECT SITE AND TO FAMILIARIZE HIMSELF WITH THE TOTAL SCOPE OF THE WORK AND THE INTENT OF THE CONTRACT DOCUMENTS. IT IS INCUMBENT UPON THE CONTRACTOR TO NOTIFY THE ARCHITECT IMMEDIATELY UPON THE DISCOVERY OF ANY DISCREPANCIES OR CONFLICTS IN THE CONTRACT DOCUMENTS.
- DURING THE BIDDING PROCESS THE CONTRACTOR SHALL OBTAIN PROPER WRITTEN CLARIFICATION OF DISCREPANCIES, CONFLICTS, AND/OR UNCLEAR ITEMS PRIOR TO THE SUBMISSION OF THE BID.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT PROCEED WITH THE INSTALLATIONS OR APPLICATIONS OF ANY CONSTRUCTION THAT MAY BE AFFECTED BY DISCREPANCIES AND/OR CONFLICTS UNTIL SUCH ISSUES ARE RESOLVED.
- IT SHALL BE UNDERSTOOD THAT ALL CONTRACTORS AND THEIR PERSONNEL ARE PROPERLY TRAINED AND EXPERIENCED TO PERFORM THE CONSTRUCTION WORK, AND TO OTHERWISE CARRY OUT THE INTENT OF THE WORK INCORPORATED INTO THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
- THE CONTRACT DOCUMENTS CONSIST OF THE COMPLETE PLAN DRAWINGS, SPECIFICATIONS, REPORTS, BIDDING INFORMATION AND OTHER INFORMATION PREPARED BY THE ARCHITECT, THE ARCHITECT'S CONSULTANTS, OR CONSULTANTS HIRED BY THE OWNER. IN THE EVENT OF DISCREPANCIES OR CONFLICTS IN THE CONTRACT DOCUMENTS, THE INFORMATION CONTAINED IN THE WRITTEN SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THE DRAWINGS, AND FURTHER, LARGE SCALE DETAIL DRAWINGS SHALL TAKE PRECEDENCE OVER THE SMALLER SCALE DRAWINGS.
- WHERE ANY SPECIFIED MATERIAL OR PROCESS IS INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS, IT IS FOR THE PURPOSE MAKING CLEAR THE INTENT REQUIRED TO ACCOMPLISH THE SCOPE OF THE PROJECT. THE CONTRACTOR MAY OFFER A SUITABLE MATERIAL OR PROCESS TOGETHER WITH ALL SUPPORTING DOCUMENTATION TO VALIDATE THE EQUIVALENT NATURE TO THE SATISFACTION OF THE ARCHITECT, THE CONSULTING ENGINEERS, AND TO VENTURA COLLEGE.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR TOTAL COORDINATION OF THEIR OWN WORK AND WITH THE WORK OF ALL OTHER TRADES. THE CONTRACTOR SHALL PERSONALLY SUPERVISE AND DIRECT THE PROJECT. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL METHODS OF CONSTRUCTION TECHNIQUES, SEQUENCES AND PROCEDURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY AND PERFORMANCE OF THE WORK, AND FULL COMPLIANCE WITH O.S.H.A., THE U.S. DEPT. OF LABOR, THE STATE OF CALIFORNIA, AND THE VENTURA COUNTY COMMUNITY COLLEGE DISTRICT REGULATIONS.
- ALL THE WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE 2013 EDITION OF THE CALIFORNIA BUILDING CODE (CBC), AS WELL AS WITH ALL OTHER APPLICABLE FEDERAL, REGULATIONS, STATE CODES, LOCAL CODES, ORDINANCES AND REGULATIONS.
- ONLY THE APPROVED DRAWINGS WITH THE STATEMENT "ISSUED FOR CONSTRUCTION" ON THE COVER SHEET ARE TO BE USED FOR CONSTRUCTION ON THIS PROJECT. CONTRACTORS USING OTHER THAN THE APPROVED DRAWINGS SHALL BE SOLELY RESPONSIBLE FOR SUCH WORK.
- ALL DIMENSIONS SHOWN ON THE PLAN VIEWS OF THE DRAWINGS ARE TO THE STRUCTURAL FACE OF WALLS, OR TO THE CENTERLINE OF WALLS, UNLESS NOTED OTHERWISE. DIMENSIONS TO FINISH SURFACES SHALL BE NOTED AS SUCH.
- DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR VARIATIONS TO THE ARCHITECT AND TO THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL REPAIR AND REPLACE ALL PROPERTY THAT MAY BE DAMAGED BY WORK UNDER THIS CONTRACT TO THE SATISFACTION OF THE DIRECTOR OF FACILITIES, MAINTENANCE & OPERATIONS OF VENTURA COLLEGE AND THE ARCHITECT. ALL PIPING, CONDUITS, LINES, ETC., THAT MAY BE ENCOUNTERED SHALL BE ADEQUATELY SUPPORTED AND PROTECTED UNTIL PERMANENT SUPPORT AND PROTECTION IS APPROVED, OR UNTIL REMOVAL IS AUTHORIZED.
- ALL GLAZING SHOWN TO BE INSTALLED IN HARDOUS AREAS SHALL COMPLY WITH THE PROVISIONS OF CBC CHAPTER 24.
- THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL AND MECHANICAL LOADS THAT IS SCHEDULED TO BE GENERATED BY THE TENANTS' EQUIPMENT SHOWN ON THE DRAWINGS AND/OR SPECIFIED PRIOR TO ORDERING THE EQUIPMENT. INFORMATION REGARDING ITEMS THAT MAY AFFECT THE ARCHITECTURAL NATURE OR STRUCTURE OF THE PROJECT OR EXISTING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- ALL FIRE RESISTIVE CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF CBC CHAPTER 7, AND SHALL BE CONSTRUCTED OF LISTED WALL, FLOOR AND CEILING ASSEMBLIES PER CBC CHAPTER 7, SECTION 716, AND TABLES 720 (1), 720 (2), 720 (3), AND ADDITIONAL APPROVED ASSEMBLIES LISTED BY THE "GYPSUM ASSOCIATION DESIGN MANUAL", LATEST EDITION. THESE PROVISIONS INCLUDE LIMITATIONS OF SI, E, TYPE AND INDIVIDUAL FIRE RATINGS OF THE PENETRATING ITEM OR ASSEMBLY. NOTE THAT ADDITIONAL THROUGH-WALL AND MEMBRANE PENETRATIONS SHALL BE PROVIDED WITH "F" AND "T" FIRE BLOCKING AS DESCRIBED IN CBC CHAPTER 7 FOR THE METHOD OF PENETRATION BEING USED.
- WALL AND CEILING MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC, TABLE 803.5.
- ALL STRUCTURAL HOLD-DOWNS SHALL BE SET IN PLACE BY THE USE OF A TEMPLATE PRIOR TO ANY FOUNDATION INSPECTION. SEE THE STRUCTURAL SHEAR SCHEDULE FOR THE SIZES AND SPACING OF ANCHOR BOLTS.
- THE ARCHITECT OR ENGINEER SHALL PERFORM ON-SITE OBSERVATIONS FOR COMPLIANCE WITH THE PLANS AND SPECIFICATIONS.
- EACH CONTRACTOR SHALL GUARANTEE, BE RESPONSIBLE FOR, AND MAKE GOOD ANY AND ALL DEFECTS DUE TO FAULTS OF HIS RESPECTIVE TRADE FOR ALL LABOR, MATERIALS, OR LEAKS FOR ONE (1) YEAR MINIMUM COMMENCING UPON ACCEPTANCE OF THE COMPLETED PROJECT BY THE BOTH THE ARCHITECT AND THE DIRECTOR OF FACILITIES, MAINTENANCE AND OPERATIONS OF VENTURA COLLEGE.
- THE CONTRACTOR SHALL FURNISH AND BE RESPONSIBLE FOR ADEQUATE SHORING, BRACING, PERIMETER CHAIN LINK FENCING, AND ALL OTHER PROTECTIVE MEASURES NECESSARY TO SAFELY EXECUTE THE COMPLETE CONSTRUCTION WORK.

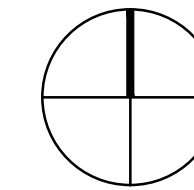
ACCESSIBILITY NOTES

VENTURA COUNTY COMMUNITY COLLEGE DISTRICT VENTURA COLLEGE



AA	AGRICULTURE / CONSTRUCTION TECHNOLOGY	CRC	CREATIVE RESOURCE CENTER	MAC	MEDIA ARTS CENTER	TR 4	MULTI-MEDIA / GRAPHICS
ADM	ADMINISTRATION	CSA	CAMPUS CENTER - CAFETERIA / STUDENT ACTIVITIES	M & O	MAINTENANCE / OPERATIONS	TR 5 - 8	RELOCATABLE CLASSROOMS (NEAR BASE BALL FIELD)
AEC	ATHLETIC EVENTS CENTER (LARGE GYM)	DP	BUSINESS / ESL	NMG	NEW MEDIA GALLERY	TR 12 - 15	RELOCATABLE CLASSROOMS (NEAR LRC / SSC / MAC)
ANNEX 3	CONTINUING EDUCATION CLASSROOMS	EOPS	EOPS	PAC	PERFORMING ARTS CENTER	TR 16	RELOCATABLE NURSING SKILLS LAB (NEAR LRC / SSC / MAC)
ANNEX 4	CONTINUING EDUCATION CLASSROOMS	GH	GUITARIE HALL	S	AUTOMOTIVE / MANUFACTURING / WELDING SHOPS		
APP	APPRENTICESHIP PROGRAMS	HH	HEAD HOUSE	SAB	STUDIO ARTS BUILDING		
ASC	APPLIED SCIENCES CENTER	HSC	HEALTH / SCIENCE CLASSROOMS	SCI	SCIENCES / MATHEMATICS	VCS	VENTURA COLLEGE SPORTSPLEX
ATPC	ALTERNATE TEXT PRODUCTION CENTER	ICPD	INST. FOR COMMUNITY AND PROFESSIONAL DEVELOPMENT	SHC	STUDENT HEALTH / PSYCHOLOGICAL SERVICES		
BCS	BOOKSTORE / CAMPUS SERVICES	LRC	LIBRARY / LEARNING RESOURCE CENTER	SSC	STUDENT SERVICES CENTER		
C	PHYSICAL EDUCATION (SMALL GYM)			S & R	SHIPPING / RECEIVING		
CDC	CHILD DEVELOPMENT CENTER						

V E N T U R A C O L L E G E



PROJECT ANALYSIS

FIRE PROTECTION

SCOPE OF THE WORK

SCOPE OF WORK:
REMOVE AND REPLACE SEVEN (7) DOORS IN THE ATHLETIC EVENT CENTER (AEC) AND FOUR (4) DOORS IN THE PHYSICAL EDUCATION GYMNASIUM (C) BUILDING.

SINCE THESE EIGHT (11) DOOR ASSEMBLIES ARE ANCHORED INTO THE EXISTING SOLID CONCRETE WALLS, THE METAL FRAMES SHALL REMAIN WHERE FEASIBLE AND PROTECTED IN PLACE.

THESE DOORS CURRENTLY SERVE AND SHALL REMAIN AS REQUIRED EXITS.

REPAIR AND REINFORCE THE DOOR ASSEMBLIES AS NECESSARY FOR THE INTENDED USE.

DEMO NOTES
REMOVE ALL (E) ASSEMBLY COMPONENTS WHERE SHOWN TO COMPLETE THE WORK. PROTECT THE ADJACENT SURFACES.

CODE ANALYSIS

VENTURA COLLEGE
OCCUPANCY: E
CONSTRUCTION:
HEIGHT: TWO-STORY
NUMBER OF EXITS: 31 (AEC & C)
FIRE SPRINKLERS EXISTING: NONE

APPLICABLE CODES

2013 CBC - CALIFORNIA BUILDING CODE
2013 CEC - CALIFORNIA ELECTRICAL CODE
2013 CPC - CALIFORNIA PLUMBING CODE
2013 CMC - CALIFORNIA MECHANICAL CODE
2013 CEN - CALIFORNIA ENERGY CODE
2013 CFC - CALIFORNIA FIRE CODE
2013 CAC - CALIFORNIA ADMINISTRATIVE CODE
2013 CALIFORNIA REFERENCED STANDARDS CODE

TITLE 24 - ENERGY

- CONSTRUCTION IS TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF CALIFORNIA ADMINISTRATIVE CODE, TITLE 24
- TRUE NORTH ANGLE, RELATIVE TO "REFERENCE NORTH" SHOWN ON THE PLANS: □
- THE BUILDER SHALL PROVIDE THE OWNER WITH INSTRUCTIONS ON THE EFFICIENT USE OF LIGHTING AND MECHANICAL SYSTEM COMPONENTS.

SHEET INDEX

ARCHITECTURAL

- A-0 COVER SHEET
- A-1 KEY PLAN / DOOR ELEVATIONS
- A-2 DOOR HARDWARE SCHEDULE

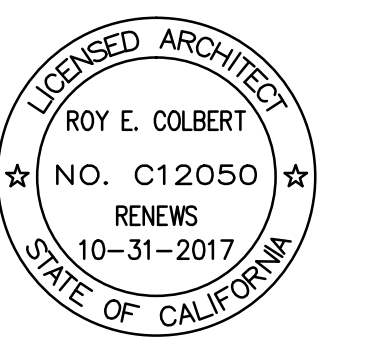
REVISIONS	DATE	BY
1	12 OCT 16	REC
2	16 JUN 17	REC

ROY E COLBERT

ARCHITECTURE PLANNING DESIGN

1997 EAST MAIN STREET
VENTURA, CA 93001

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805 / 650 9589 FX
rcob@sbcglobal.net
CALIFORNIA C12050
N.C.A.R.B.



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VENTURA COUNTY COMMUNITY COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM DOOR REPLACEMENT

INTERIOR IMPROVEMENT

PROJECT DIRECTORY

SOILS ENGINEER / SEPTIC SYSTEM:
XXXX

CIVIL ENGINEER:
XXXX

STRUCTURAL ENGINEER:
XXXX

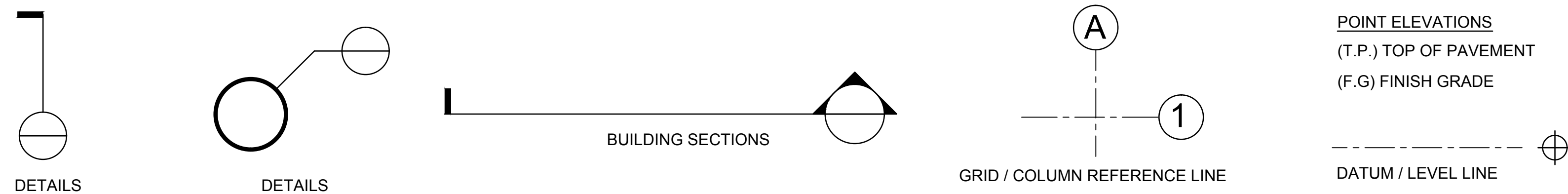
ELECTRICAL ENGINEER:
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MECHANICAL ENGINEER:
XXXX

LANDSCAPE ARCHITECT:
XXXX

WATER SYSTEM / FIRE PROTECTION SYSTEM:
XXXX

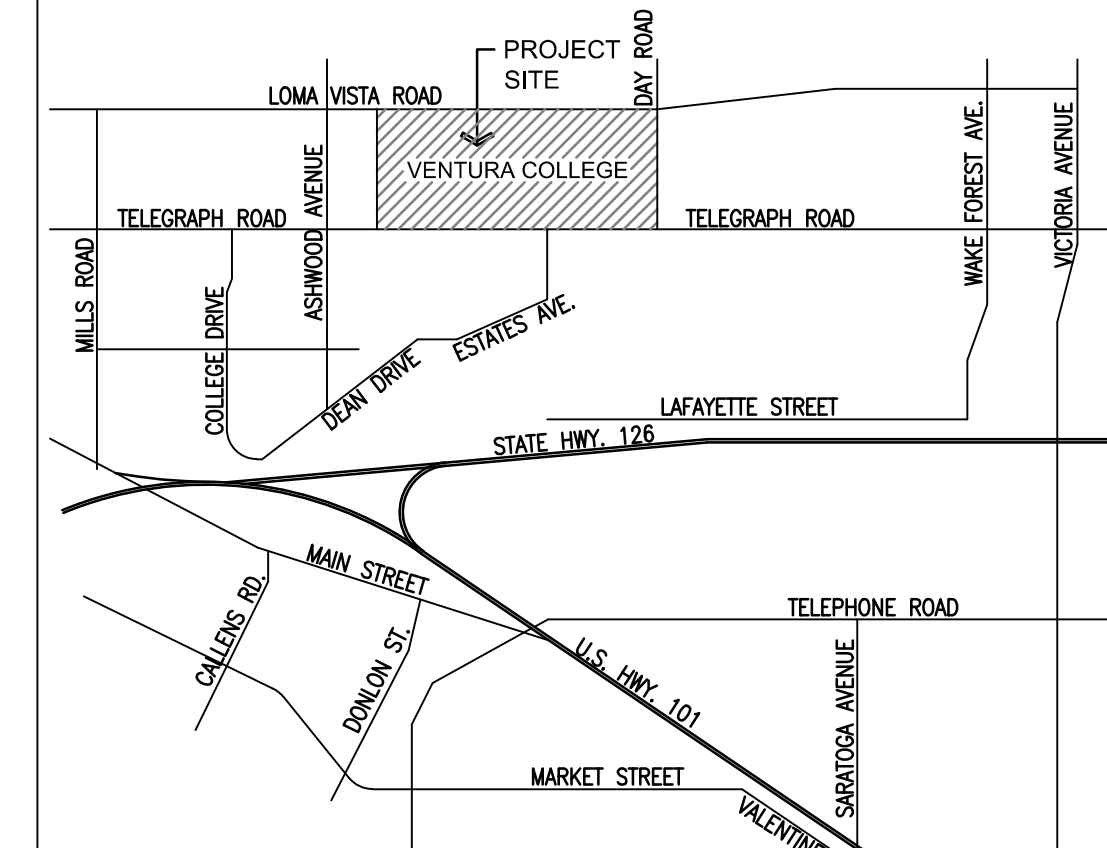
DRAWING SYMBOLS



ABBREVIATIONS

A.B.	ANCHOR BOLT	COL	COLUMN	FIN FLR	FINISHED FLOOR ELEVATION	LTWT	LIGHT WEIGHT	ROW	RIGHT OF WAY
ADJ.	ADJACENT	CONC.	CONCRETE	FLUOR.	FLUORESCENT	LIN FT	LINEAL FOOT	RF	ROUGH OPENING
ASSY.	ASSEMBLY	CMU	CONCRETE MASONRY UNIT	FTG.	FOOTING	(N)	NEW	R.O	ROUGH OPENING
ALT.	ALTERNATE	CONT	CONTINUOUS	FBO	FURNISHED BY OTHERS	NWF.	NATURAL WOOD FINISH	SECT.	SECTION
AL.	ALUMINUM	CU FT	CUBIC FEET	FUT	FUTURE	N.I.C	NOT IN CONTRACT	SHT	SHEET
A/C	AIR CONDITIONING	CFM	CUBIC FEET PER MINUTE	GA	GAGE, GAUGE	N.T.S.	NOT TO SCALE	S.H	SINGLE HUNG
ANNOD.	ANNODATED	DEMO	DEMOLISH, DEMOLITION	GALV	GALVANIZED	O.C	ON CENTER	S.M	SIMILAR
ARCH(L)	ARCHITECT(URAL)	DIA	DIAMETER	GL.	GLASS GLAZING	OPNG.	OPENING	S.C	SOLID CORE
AUTO.	AUTOMATIC	DIM	DIMENSION	GB.	GLASS BLOCK	OPP	OPPOSITE	SPEC(S)	SPECIFICATION(S)
B.M.	BENCHMARK	DISP	DISPENSER	HDBD.	HARD BOARD	S' FT	SQUARE FOOT	T.S.	TUBE SECTION
BTWN.	BETWEEN	DIV	DIVISION	HWD	HARDWOOD	T.S.	TUBE SECTION	ST'L	STEEL
BTM.	BOTTOM	D.H.	DOUBLE HUNG	HT	HEIGHT	SST'L	STAINLESS STEEL	STD.	STANDARD
BLDG.	BUILDING	DS	DOWN SPOUT	HT	HEIGHT	STD.	STANDARD	SYS.	SYSTEM
B.U.R.	BUILT UP ROOF	D	DEPTH	HC	HOLLOW CORE	THK	THICKNESS	T&G	TONGUE AND GROOVE
CABT	CABINET	DWG	DRAWING	HM	HOLLOW METAL	TYP	TYPICAL	VERT	VERTICAL
CSMNT	CASEMENT	D.F.	DOUGLAS FIR	HORI	HORIZONTAL				
CATV	CABLE TELEVISION	(E)	EXISTING	HB	HOSE BIBB				
C.I.	CAST IRON	ENCL	ENCLOSURE	I.D.	INSIDE DIAMETER				
CLG	CEILING	E	EQUAL	INSUL	INSULATION				

VICINITY MAP



THIS PLAN IS BASED UPON DATA COMPILED AND FURNISHED BY OTHERS.

AEC & C: DOOR REPLACEMENT

SHEET NAME

DATE

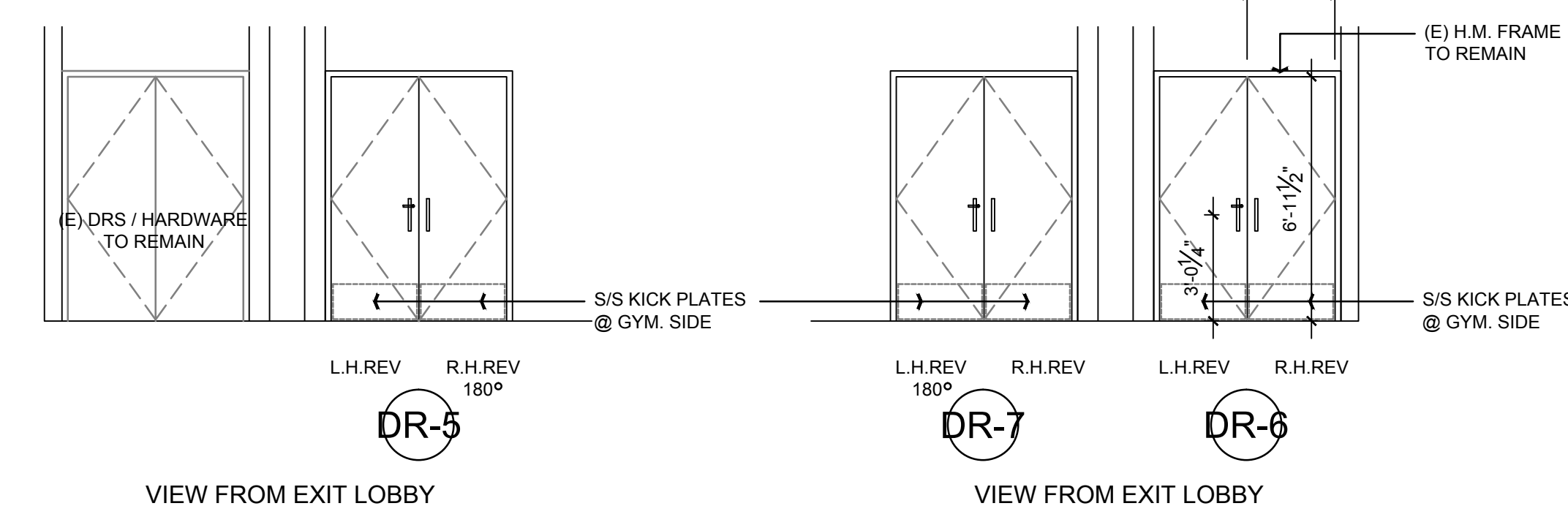
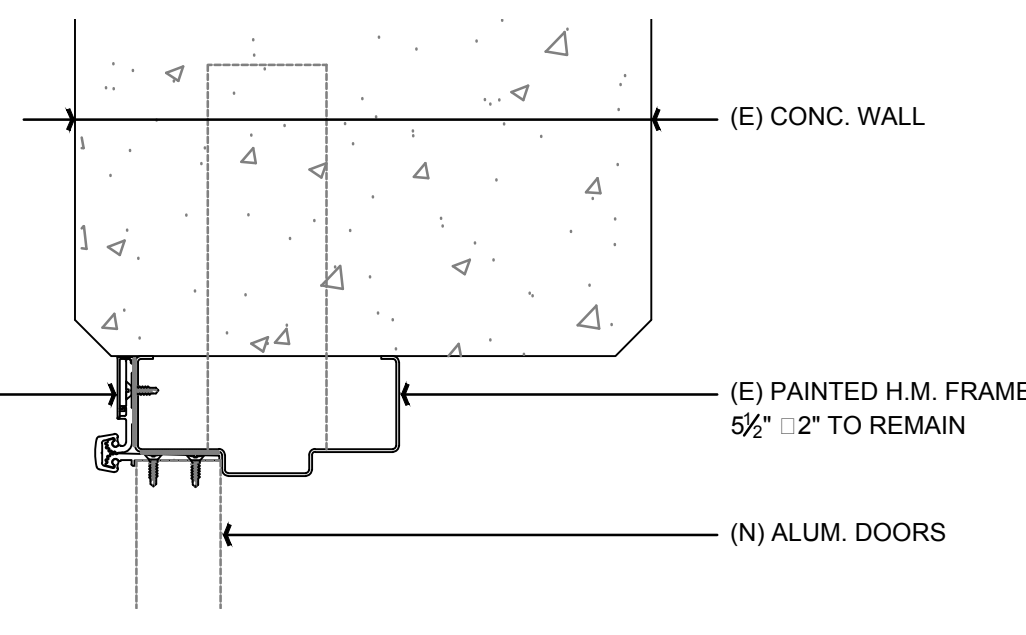
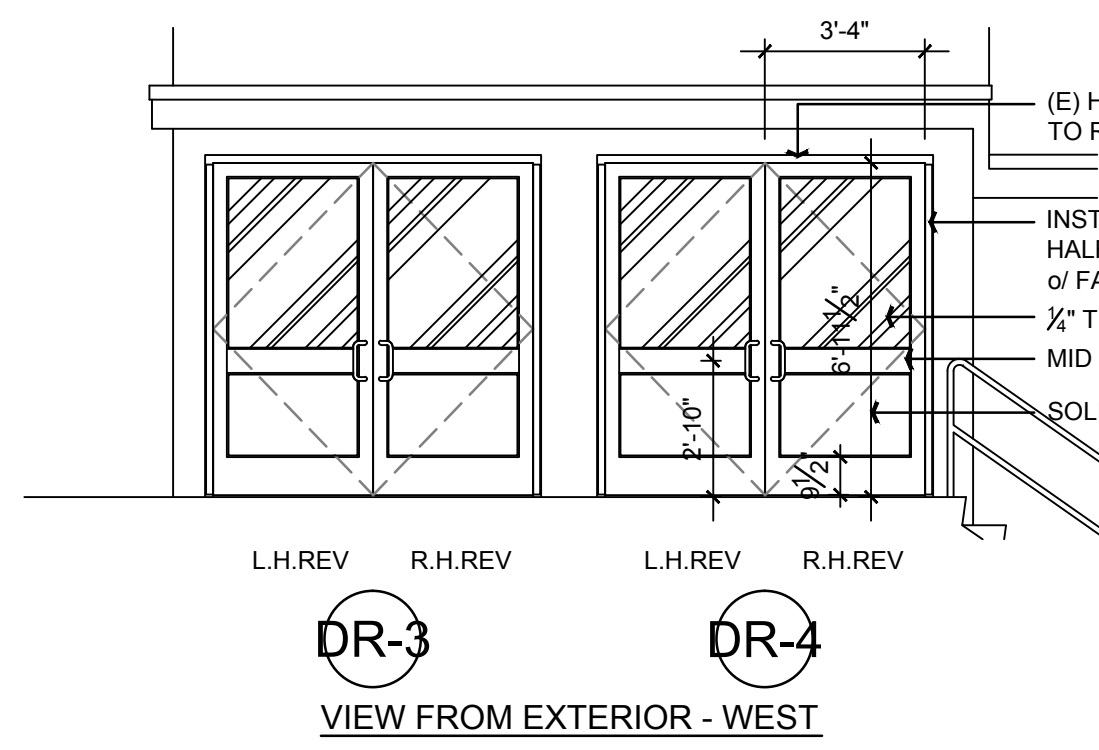
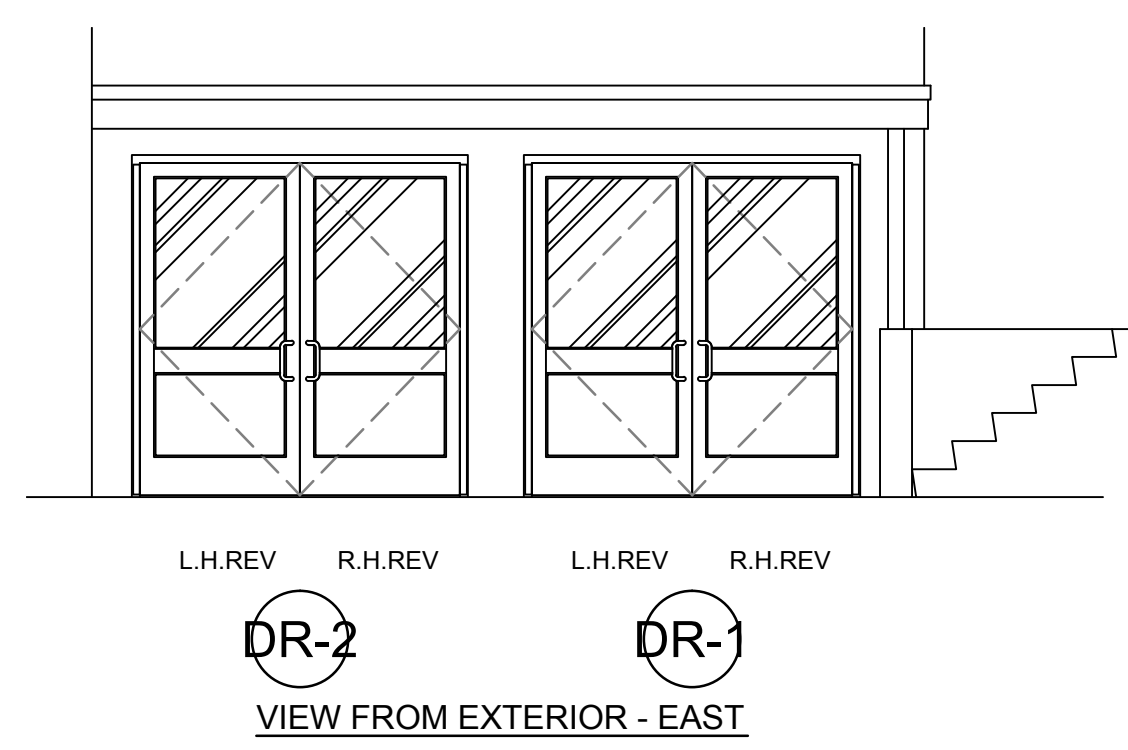
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PROJECT C16 - 011

C16-011: C / A-0 00
SHEET NUMBER OF SHEETS

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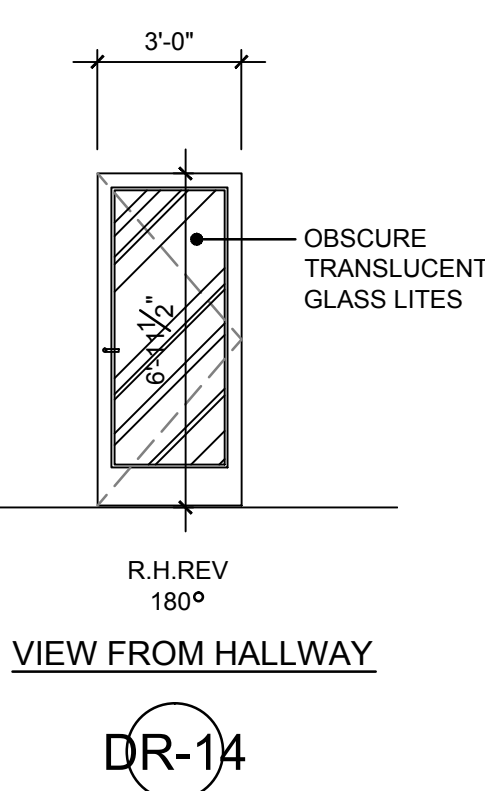
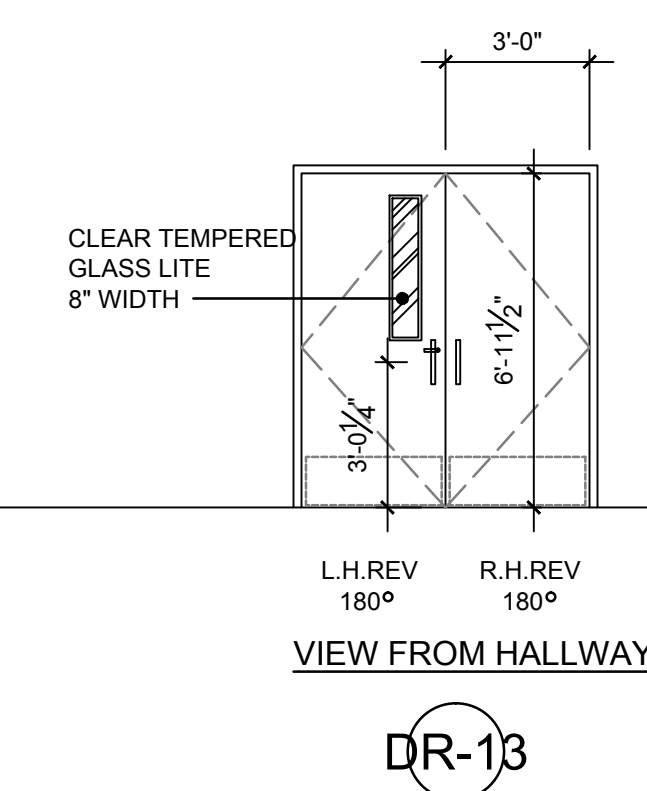
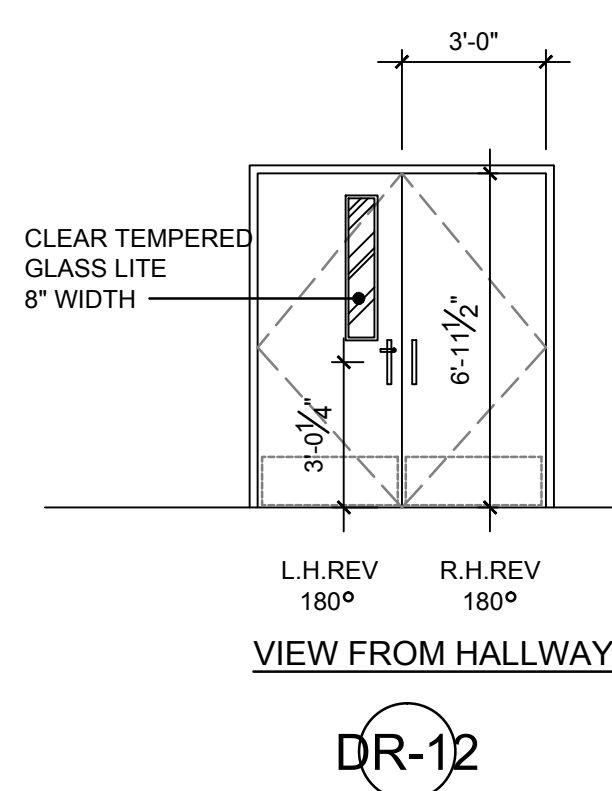
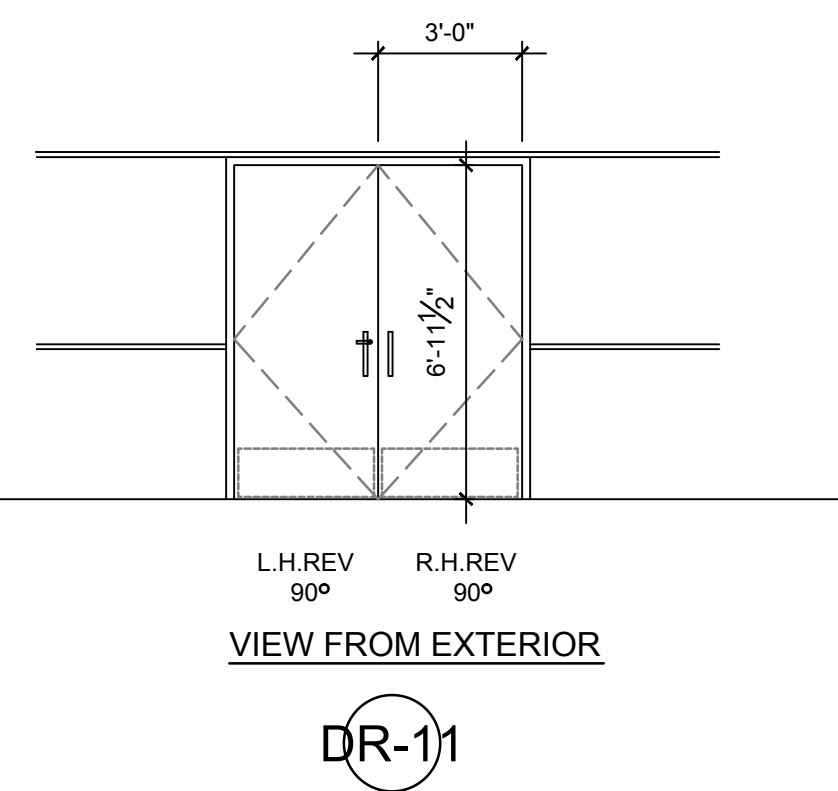
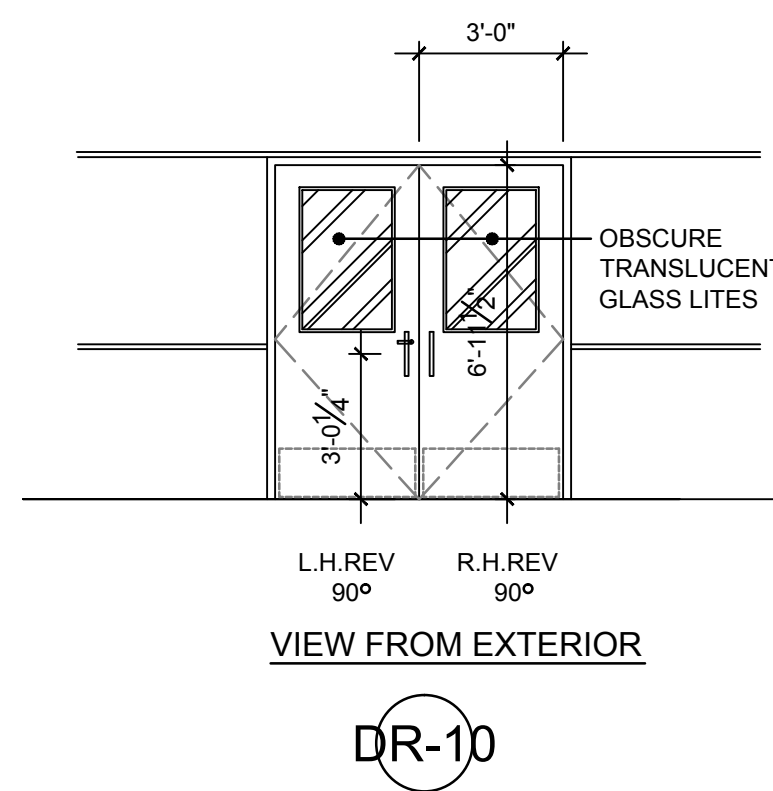
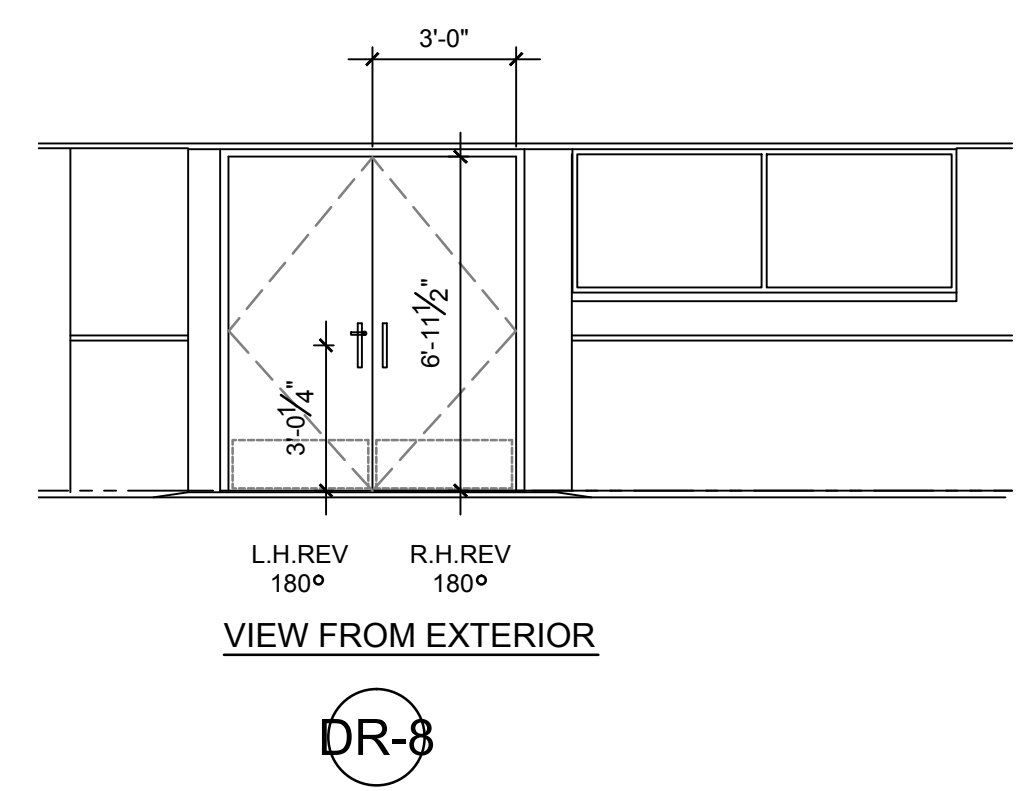
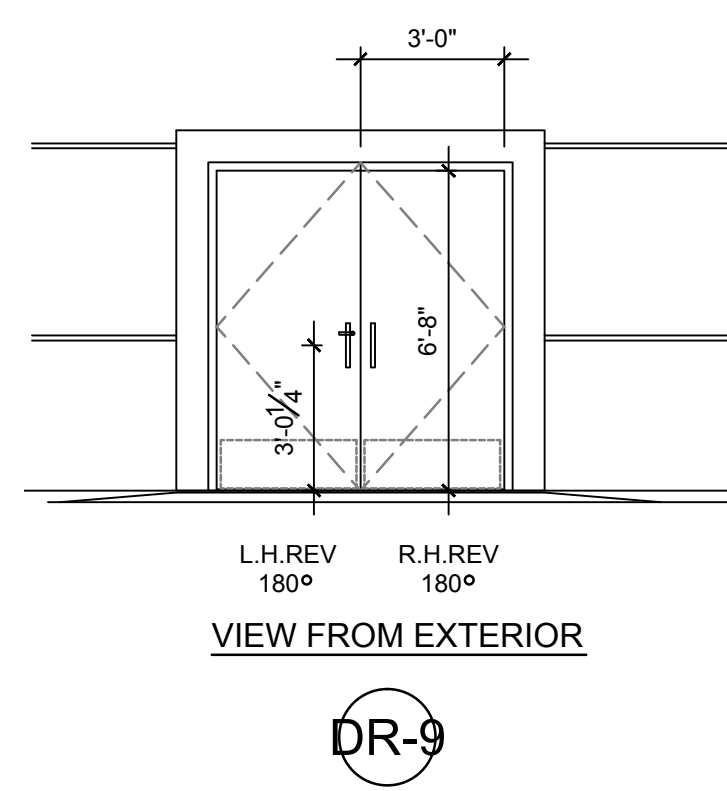
- TYPICAL NOTES & DIMENSIONS
EXTERIOR DOORS 1 THRU 4**
- REMOVE FOUR (4) PAIRS OF EXISTING H.M. DOORS
 - REMOVE VERTICAL MULLIONS @ EACH PAIR OF DOORS
 - INSTALL FOUR (4) PAIRS NEW ALUMINUM STOREFRONT DOORS
 - FLUSH LOWER PANEL AT ALL FOUR (4) PAIR STOREFRONT DOORS
 - (E) 2\"/>

- SUBMIT SHOP DRAWINGS**
- SUBMIT SHOP DRAWINGS
 - APPLY A WATER-BASED NON-CHROME CORROSION PROTECTIVE INORGANIC BASE COATING TO THE EXISTING STEEL DOOR FRAME PER ASTM F1136/F1136M
 - THOROUGHLY CLEAN AND DEGREASE THE STEEL DOOR FRAME PRIOR TO APPLYING THE COATING
 - THE FASTENER SCREWS SHALL BE MECHANICALLY PLATED WITH AN INCH CHROMATE PRIMER PRIOR TO INSTALLATION
 - PROVIDE AND INSTALL WITH PROTECTIVE BUSHINGS & WASHERS

- TYPICAL NOTES & DIMENSIONS
EXTERIOR DOORS 5, 6 & 7**
- THREE (3) PAIRS OF (E) H.M. DOORS SHALL REMAIN
 - (E) 2\"/>

AEC DOOR ELEVATIONS

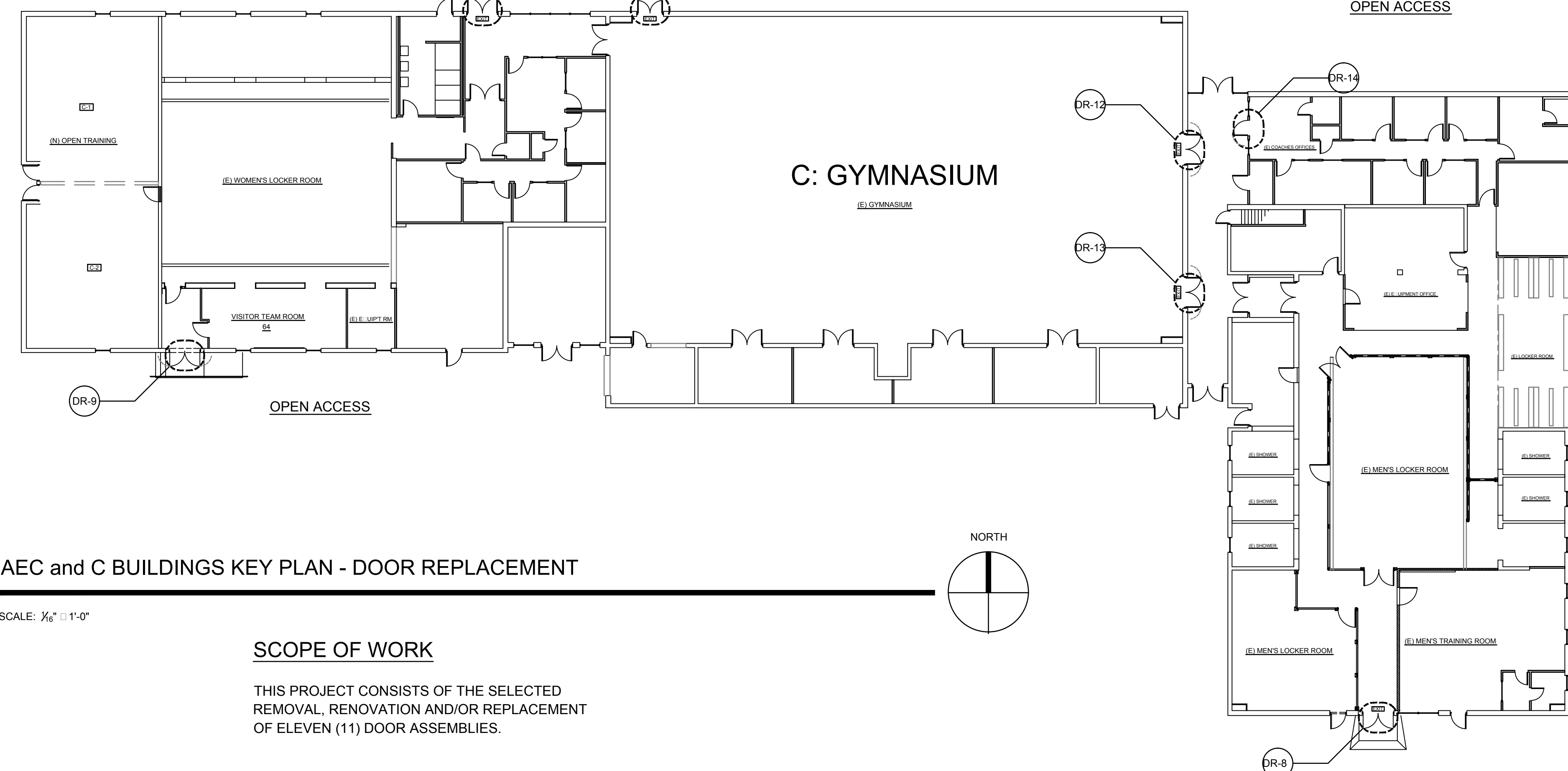
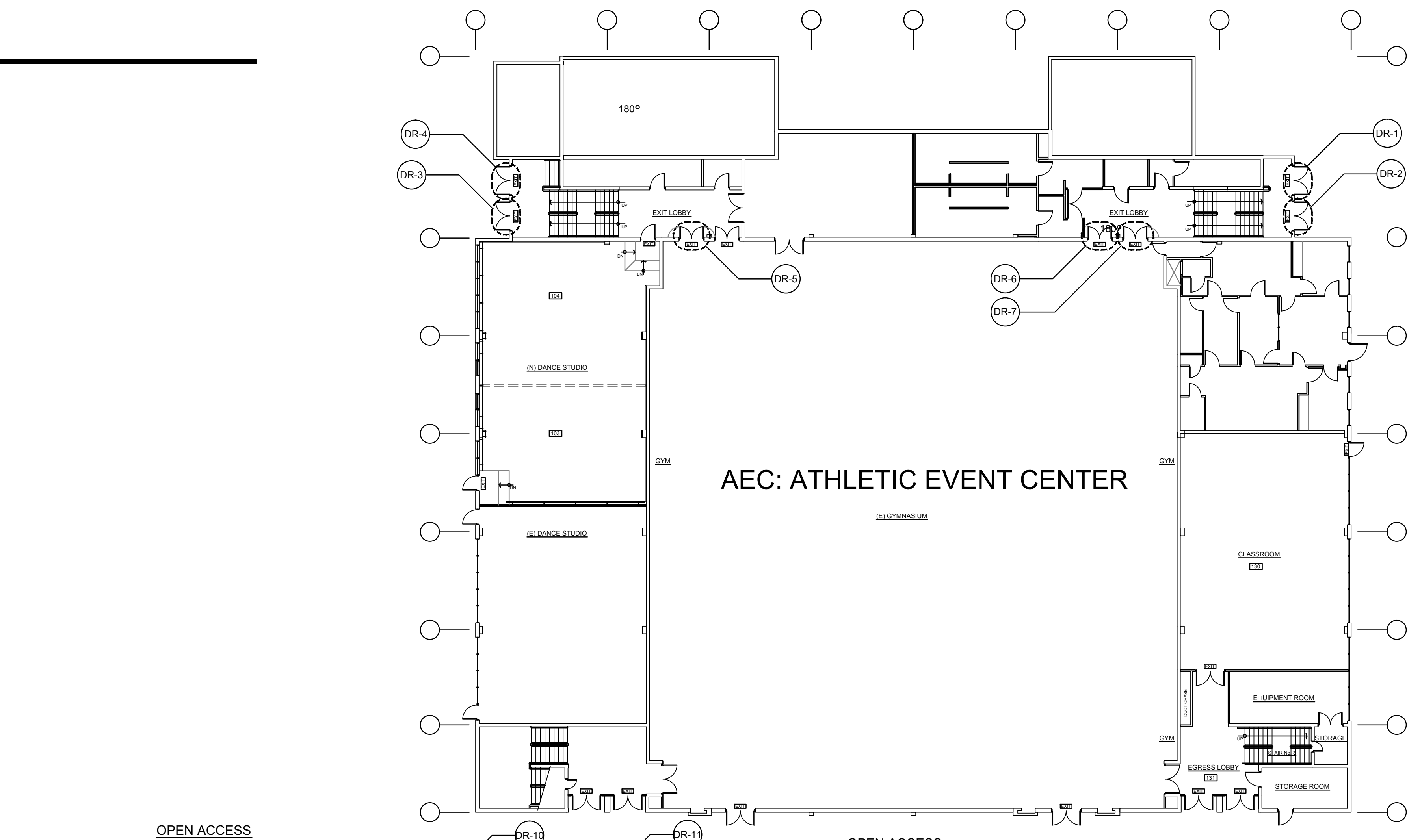
SCALE: 1/4\"/>



- SIX (6) PAIRS OF (E) 2\"/>

C-GYM DOOR ELEVATIONS

SCALE: 1/4\"/>



AEC and C BUILDINGS KEY PLAN - DOOR REPLACEMENT

SCALE: 1/4\"/>

SCOPE OF WORK

THIS PROJECT CONSISTS OF THE SELECTED REMOVAL, RENOVATION AND/OR REPLACEMENT OF ELEVEN (11) DOOR ASSEMBLIES.

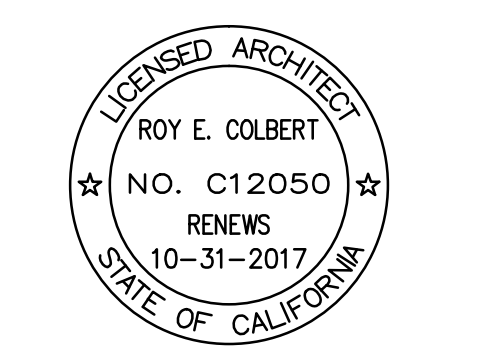
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VENTURA COUNTY
COMMUNITY
COLLEGE DISTRICT

VENTURA COLLEGE
4667 Telegraph Road
Ventura, CA 93003

AEC GYMNASIUM
DOOR REPLACEMENT
INTERIOR IMPROVEMENT

PROJECT DIRECTORY

- SOILS ENGINEER / SEPTIC SYSTEM: XXXX
- CIVIL ENGINEER: XXXX
- STRUCTURAL ENGINEER: XXXX
- ELECTRICAL ENGINEER: XXXX
- MECHANICAL ENGINEER: XXXX
- LANDSCAPE ARCHITECT: XXXX
- WATER SYSTEM / FIRE PROTECTION SYSTEM: XXXX

**KEY PLAN
DOOR ELEVATIONS**

SHEET NAME	
DATE	
SCALE	AS SHOWN
PROJECT	C16 - 011
SHEET NUMBER	16-011: A-1
OF SHEETS	00

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DOOR HARDWARE SETS

AEC ATHLETIC EVENT CENTER

Table with columns: DOOR SET, QTY, DESCRIPTION, MODEL, MANUFACTURER, FINISH, REMARKS. Includes door sets DR-1 through DR-7 for the AEC Athletic Event Center.

C GYMNASIUM

Table with columns: DOOR SET, QTY, DESCRIPTION, MODEL, MANUFACTURER, FINISH, REMARKS. Includes door sets DR-8 through DR-14 for the C Gymnasium.

GENERAL DOOR NOTES

- 1 ALL DOOR HARDWARE SHALL BE 32D FINISH, UNLESS NOTED OTHERWISE.
2 E UIP ONE DOOR PER PAIR TO RECEIVE THE CORBIN-RUSSWIN...
3 PROVIDE TEMPORARY LOCK CYLINDERS DURING CONSTRUCTION...
4 INSTALL SPECIFIED DOOR LOCK CYLINDERS PRIOR TO JOB COMPLETION...
5 VERIFY WHICH DOORS SHALL BE MASTER KEYED PRIOR TO JOB COMPLETION.
6 ALL DOORS SHALL BE PRE-FINISHED AT EITHER SHOP OR FACTORY.
7 THE TOPS, BOTTOMS AND SIDES OF ALL DOORS SHALL BE PAINTED AND FINISHED TO MATCH THE DOOR FACE.
8 ALL EXIT DOORS MUST BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.
9 ALL DOOR HARDWARE SHALL COMPLY WITH THE REQUIREMENTS FOR ACCESSIBILITY PER C.B.C., 11B-303, 11B-309.3, 11B-309.4, 11B-404.2.7, 11B-404.2.8, 11B-404.2.9 & 11B-404.2.9.
10 WHERE UNDERCUT IS NOT SPECIFIED, ALLOW FOR EITHER A THRESHOLD OR 1/2" WHERE NO THRESHOLD CONDITION.
11 INSTALL PEMKO ALUM. SADDLES/THRESHOLDS PER A.D.A. WHERE NECESSARY TO LIMIT FLOOR DIFFERENTIAL.
12 LCN 4041 SHCUSH CLOSERS TO INCLUDE 1/8" DROP PLATE, .3049 SCNS SPRING H HOLD OPEN. SUBMIT SAMPLE.
13 HINGES: 4 1/2" x 4 1/2" x 5" 5 KNUCKLE BALL BEARING STAINLESS STEEL AS 11 430, HEAVY WEIGHT, MATCH (E) CONFIGURATION AND SPREAD, SUBMIT SAMPLE.
14 H.M. DOOR STIFFENERS: 20 GA. HAT SECTION STEEL THAT SPAN THE ENTIRE DOOR PANEL / SPACE AT 6-INCHES ON CENTER.
15 H.M. DOOR INTERNAL REINFORCING: 7 GA. HINGE REINFORCING 14 GA. CLOSER REINFORCING, 14 GA. TOP & BTM RAILS.
16 DOORS SHALL BE INSTALLED IN ACCORDANCE WITH THE STEEL DOOR INSTITUTE RECOMMENDED INSTRUCTIONS.
17 THE HARDWARE FOR ALL DOORS SHALL BE INSTALLED WITH THE MANUFACTURER'S TEMPLATES. TEMPLATES SHALL BE SUBMITTED PRIOR TO INSTALLATION.
18 PROVIDE PROTECTIVE MEASURES TO ENSURE THE DOORS AND HARDWARE WILL BE WITHOUT DAMAGE OR DETERIORATION.
19 ALL EXPOSED DOOR SURFACES, TOPS, BOTTOMS AND SIDES SHALL BE FREE OF SCRATCHES AND SERIOUS BLEMISHES.
20 THE PERFORMANCE OF DOORS SHALL BE HEAVY DUTY RATED.
21 FINAL APPROVAL OF ALL DOOR AND HARDWARE INSTALLATION SHALL BE PER INSPECTION BY THE DIRECTOR OF FACILITIES, MAINTENANCE & OPERATIONS FOR VENTURA COLLEGE.

REVISIONS table with columns: REVISIONS, DATE, BY. Includes project name: ROY E COLBERT ARCHITECTURE PLANNING DESIGN, address: 1997 EAST MAIN STREET VENTURA, CA 93001, contact info, professional seal, project location: VENTURA COUNTY COMMUNITY COLLEGE DISTRICT, and project title: AEC GYMNASIUM DOOR REPLACEMENT INTERIOR IMPROVEMENT PROJECT DIRECTORY.