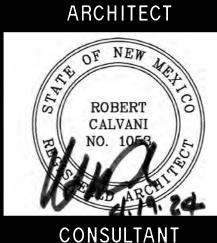


- DRAWINGS WERE DERIVED FROM CONSTRUCTION DOCUMENTS OF THE ORIGINAL BUILDING AS WELL AS FIELD SURVEYS BY THE ARCHITECT. THE CONTRACTOR IS TO FIELD-VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING CONSTRUCTION, AND
- WHERE NEW CONSTRUCTION IS ADJACENT TO EXISTING CONSTRUCTION, THE FINISH SURFACES SHOULD BE ALIGNED TO CONCEAL ALL JOINTS, ETC., OR TO MAKE AS
- C. ALL EQUIPMENT AND OTHER ITEMS TO BE REMOVED SHALL BE SALVAGED TO TEMPORARILY HOLD AND PROTECT UNTIL OWNER IS PREPARED TO TAKE POSSESSION.
- CONTRACTOR TO REPAIR OR REPLACE ALL ITEMS DAMAGED AS A RESULT OF CONSTRUCTION DURING COURSE OF WORK. RESTORE ALL REPAIRED ITEMS TO
- F. ALL ACTIVE PIPING, EQUIPMENT, ETC., SERVING FIXTURES AND EQUIPMENT TO REMAIN
- G. ALL ACTIVE ELECTRICAL WIRING, EQUIPMENT, ETC., SERVING LIGHTING, POWER, ETC.,
- ALL WIRING, PIPING, AND EQUIPMENT FOR MECHANICAL OR ELECTRICAL USES WHICH HAVE BEEN, OR ARE TO BE ABANDONED SHALL BE REMOVED AND CAPPED OFF AS NECESSARY TO CONCEAL ALL REMAINING ELEMENTS WITHIN THE CONSTRUCTION TO
- GENERAL CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL CEILINGS, WALLS, AND FLOORS AS A RESULT OF MECHANICAL AND ELECTRICAL MODIFICATIONS. RESTORE ALL ITEMS TO BE PATCHED AND/OR REPAIRED TO CONSISTENT APPEARANCE
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR REMOVAL AND REINSTALLATION

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PROJECT TITLE

**ROOSEVELT** COUNTY **FAIRGROUNDS PAVILION MULTI PURPOSE** 

> **PORTALES NEW MEXICO**

> **REVISIONS:**

MK DATE DESCRIPTION DRAWN BY: CHECKED B

PROJECT NUMBER A1816.23

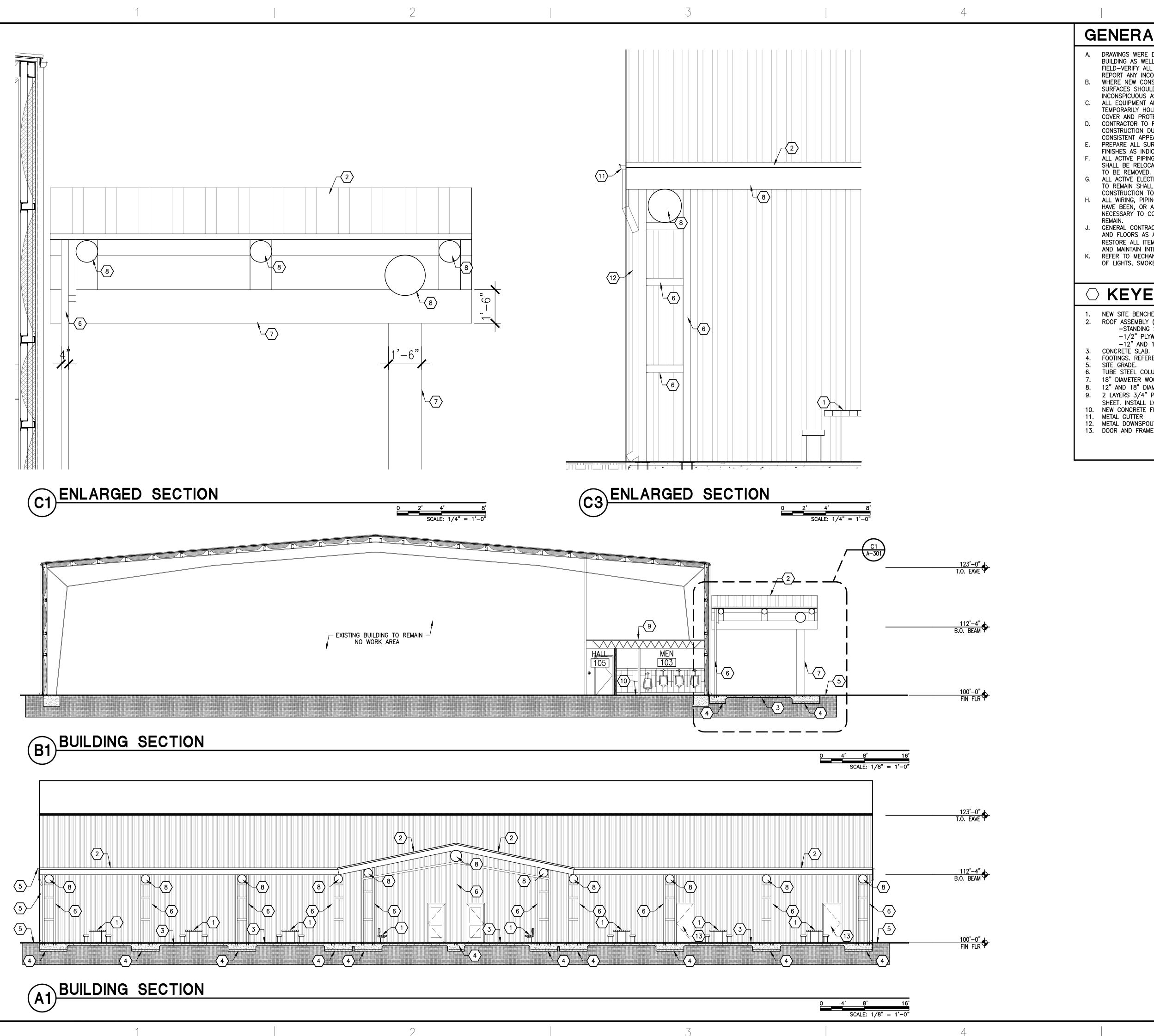
> DATE: 04/19/2024

SHEET TITLE:

**ELEVATIONS** 

SHEET NO:

**A-201** 



## **GENERAL NOTES**

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- WHERE NEW CONSTRUCTION IS ADJACENT TO EXISTING CONSTRUCTION, THE FINISH SURFACES SHOULD BE ALIGNED TO CONCEAL ALL JOINTS, ETC., OR TO MAKE AS
- INCONSPICUOUS AS POSSIBLE AT ALL TRANSITIONS. ALL EQUIPMENT AND OTHER ITEMS TO BE REMOVED SHALL BE SALVAGED TO TEMPORARILY HOLD AND PROTECT UNTIL OWNER IS PREPARED TO TAKE POSSESSION.
- COVER AND PROTECT ITEMS FROM DETERIORATION DUE TO WEATHER, ETC. CONTRACTOR TO REPAIR OR REPLACE ALL ITEMS DAMAGED AS A RESULT OF CONSTRUCTION DURING COURSE OF WORK. RESTORE ALL REPAIRED ITEMS TO
- CONSISTENT APPEARANCE AND TO MAINTAIN INTEGRITY OF ALL ITEMS. PREPARE ALL SURFACES, NEW AND EXISTING, AS REQUIRED TO RECEIVE NEW FINISHES AS INDICATED ON PLANS AND FINISH SCHEDULE.
- ALL ACTIVE PIPING, EQUIPMENT, ETC., SERVING FIXTURES AND EQUIPMENT TO REMAIN SHALL BE RELOCATED AS NECESSARY WHEN CONTAINED IN EXISTING CONSTRUCTION
- G. ALL ACTIVE ELECTRICAL WIRING, EQUIPMENT, ETC., SERVING LIGHTING, POWER, ETC., TO REMAIN SHALL BE RELOCATED AS NECESSARY WHEN CONTAINED IN EXISTING CONSTRUCTION TO BE REMOVED. ALL WIRING, PIPING, AND EQUIPMENT FOR MECHANICAL OR ELECTRICAL USES WHICH
- HAVE BEEN, OR ARE TO BE ABANDONED SHALL BE REMOVED AND CAPPED OFF AS NECESSARY TO CONCEAL ALL REMAINING ELEMENTS WITHIN THE CONSTRUCTION TO GENERAL CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL CEILINGS, WALLS,
- AND FLOORS AS A RESULT OF MECHANICAL AND ELECTRICAL MODIFICATIONS. RESTORE ALL ITEMS TO BE PATCHED AND/OR REPAIRED TO CONSISTENT APPEARANCE AND MAINTAIN INTEGRITY OF ALL ITEMS.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR REMOVAL AND REINSTALLATION OF LIGHTS, SMOKE DETECTORS, SPEAKERS, AND DIFFUSERS.

# **KEYED NOTES**

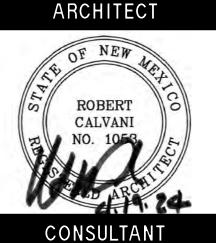
- NEW SITE BENCHES AND TABLES.
- ROOF ASSEMBLY (REFERENCE STRUCTURAL DRAWINGS) -STANDING SEAM PREFINISHED METAL ROOF
  - -1/2" PLYWOOD PANEL OVER 2"X12" WOOD PLANK -12" AND 18" DIAMETER WOOD BEAM (REFERENCE STRUCTURAL)
- CONCRETE SLAB. REFERENCE STRUCTURAL DRAWINGS.
- FOOTINGS. REFERENCE STRUCTURAL DRAWINGS.
- TUBE STEEL COLUMNS AND STRUCTURE. REFERENCE STRUCTURAL DRAWINGS.
- 18" DIAMETER WOOD COLUMNS. REFERENCE STRUCTURAL DRAWINGS. 8. 12" AND 18" DIAMETER WOOD BEAM. REFERENCE STRUCTURAL DRAWINGS.
- 9. 2 LAYERS 3/4" PLYWOOD ATTACHED TO EXISTING STRUCTURE. STAGGER PLYWOOD
- SHEET. INSTALL LVT FLOORING AND 4" VINYL BASE AS SCHEDULED. 10. NEW CONCRETE FLOORING. SEE FINISH SCHEDULE A-621
- 11. METAL GUTTER
- METAL DOWNSPOUT 13. DOOR AND FRAME AS SCHEDULED.



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PROJECT TITLE

**ROOSEVELT** COUNTY **FAIRGROUNDS PAVILION** MULTI PURPOSE

> **PORTALES NEW MEXICO**

**REVISIONS:** 

MK DATE DESCRIPTION DRAWN BY: CHECKED E

PROJECT NUMBER A1816.23

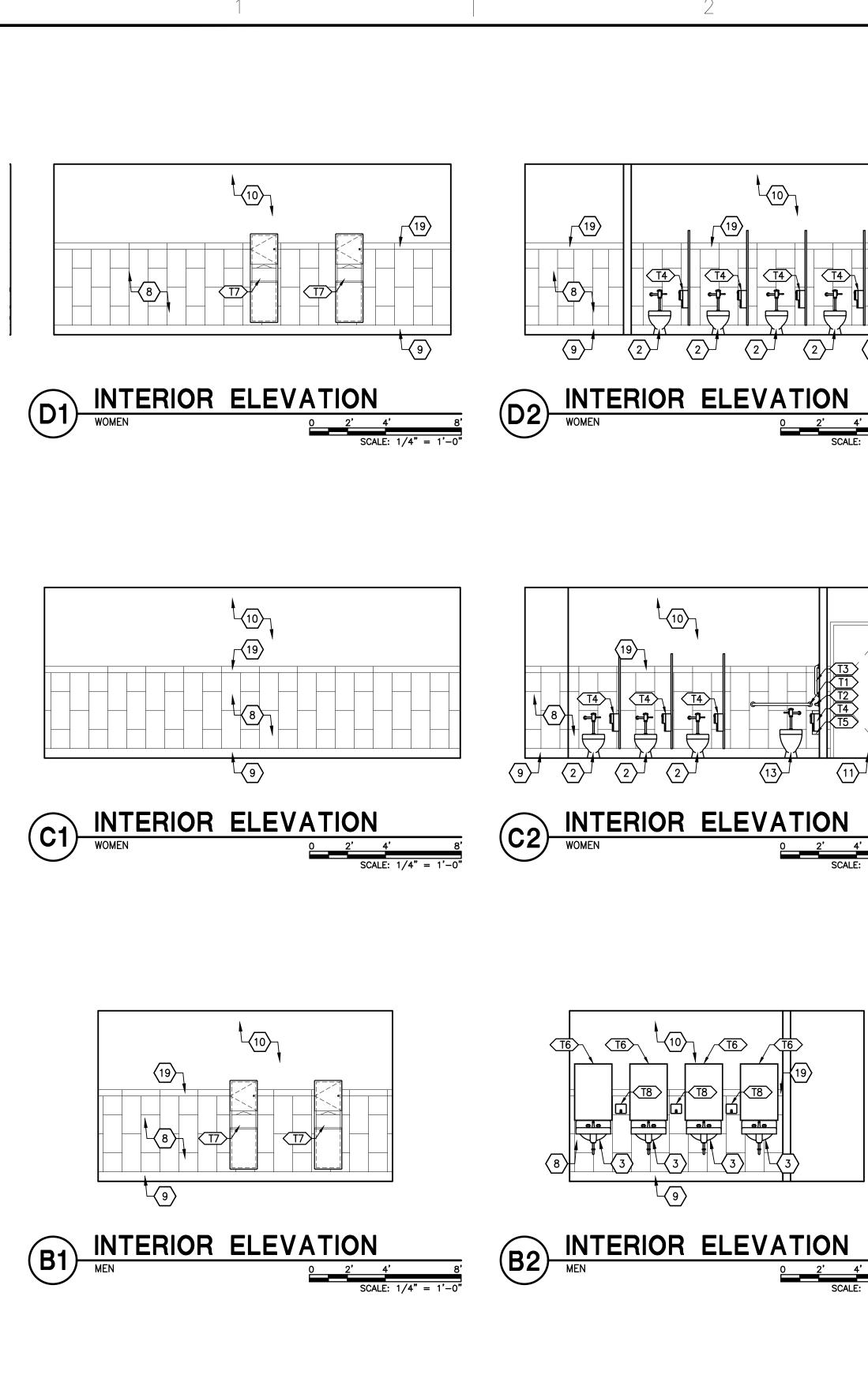
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SHEET TITLE:

**SECTIONS** 

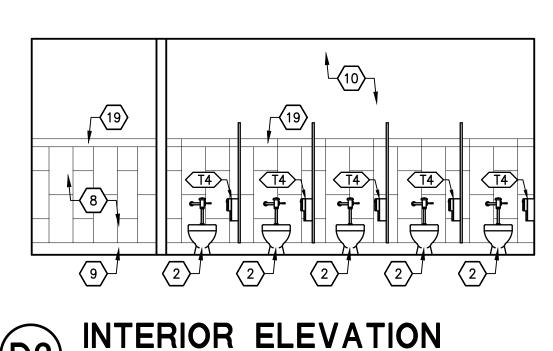
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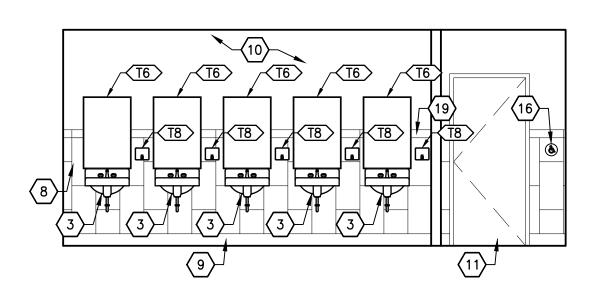
**A-301** 



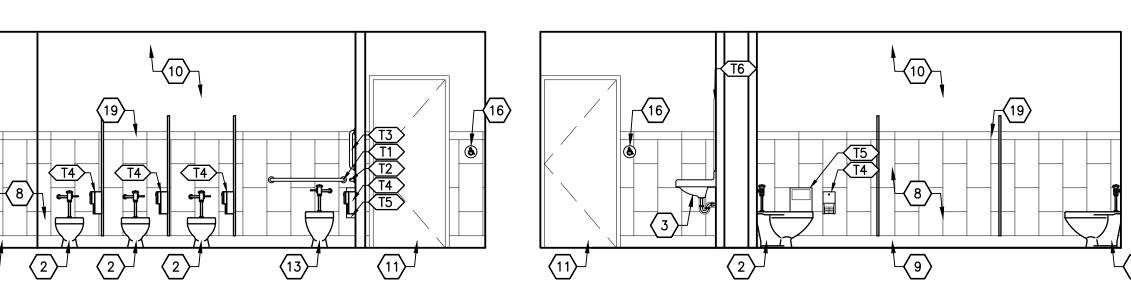
A1 INTERIOR ELEVATION

O 2' 4'





INTERIOR ELEVATION



# **GENERAL NOTES**

A. TOILET ACCESSORY MANUFACTURER'S REQUIREMENTS FOR ADA MOUNTING HEIGHTS SUPERCEDES MOUNTING HEIGHTS SHOWN BELOW.

T	OILET ACCES	SSOR	Y SCH	HEDULE
MARK	DESCRIPTION	DETAIL	MANUFACTURER	MOUNTING HEIGHT
<b>T1</b>	36" GRAB BAR (HORIZ.) TO SUPPORT 250 PLF FORCE	B1, B2, B3/G-211	BOBRICK # B-6806 X 36	2'-10" AFF TO CENTER
T2	42" GRAB BAR (HORIZONTAL) TO SUPPORT 250 PLF FORCE	B1, B2, B3/G-211	BOBRICK # B-6806 X 42	2'-10" AFF TO CENTER
<b>₹</b> 3	18" GRAB BAR (VERTICAL) TO SUPPORT 250 PLF FORCE	B1, B2, B3/G-211	BOBRICK # B-6806 X 18	3'-4" AFF TO BOTTOM
<b>T4</b>	TOILET TISSUE DISPENSER	B1, B2, B3/G-211	BOBRICK # B-2888	2'-4" AFF TO TOP
<b>₹</b> 15	SURFACE-MOUNTED SANITARY	B1, B2, B3/G-211	BOBRICK # B-254	2'-6" AFF TO TOP
<b>₹</b>	24"W X 36"H CHANNEL FRAMED MIRROR (TEMPERED)	A1, A2, A3/G-211		3'-2" AFF TO BOTTOM
<b>(17)</b>	PAPER TOWEL DISPENSER /WASTE RECEPTACLE	C3/G-211	BOBRICK # B-3949	3'-8" AFF (MAX.) TO TOWEL OPENING
<b>₹8</b>	SURFACE MOUNTED SOAP DISPENSER	C5/G-211	BOBRICK # 818615	4'-1" AFF TO TOP
<b>₹</b>	BABY CHANGING STATION	B4/ G-211	KOALA KARE KB200-01	2'-3 1/2" TO BOTTOM VERIFY W/ MANUF.
<b>₹10</b>	SHELF WITH MOP AND BROOM HOLDERS AND HOOKS	C4/ G-211	BOBRICK # #B-239 X 34	4'-2" AFF TO BOTTOM (MAX.)
<b>₹11</b>	SURFACE-MOUNTED PAPER TOWEL DISPENSER	A4/ G-211	#B-259 X 34 BOBRICK # #B-262	3'-8" AFF TO BOTTOM (MAX.)

## **KEYED NOTES**

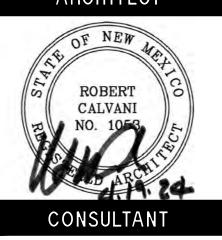
- ADULT CHANGING STATION. SEE DETAILS B4, AND B5/G211 STANDARD WATER CLOSET. REFERENCE PLUMBING DRAWINGS. HAND SINK. INSULATE ALL EXPOSED PIPING. REFERENCE PLUMBING DRAWINGS. SEE DETAILS A1,
- WOMEN TOILET ROOM. SEE DETAIL D1 / G-211. REFERENCE PLUMBING DRAWINGS.
- MEN TOILET ROOM. SEE DETAIL D2 / G-211. REFERENCE PLUMBING DRAWINGS. MOP SINK. SEE PLUMBING. SEE DETAIL C4/G-211.
- FRP PANEL. SEE DETAIL C4/ G-211.
  PORCELAIN WALL TILE. REFERENCE ROOM FINISH SCHEDULE.
- PORCELAIN TILE BASE. REFERENCE ROOM FINISH SCHEDULE.
- . WALL PER FLOOR PLAN. GYPSUM BOARD WALL (TAPE, BED, TEXTURE AND PAINT) OR EXISTING WALL TO REMAIN. SEE FLOOR PLAN. DOOR AND FRAME AS SCHEDULED.
- 12. ADA URINAL. REFERENCE PLUMBING DRAWINGS. SEE DETAIL A4 AND A5/G-211. ADA WATER CLOSET. REFERENCE PLUMBING DRAWINGS. SEE DETAILS B1, B2, AND B3/G-211.
- 4. STANDARD URINAL. REFERENCE PLUMBING DRAWINGS. 15. SUPPORT BRACKETS AT 4'-0" O.C. MAX.
- NEW ADA ACCESSIBLE PUSH BUTTON AT ALL DOORS.
- 7. FIRE EXTINGUISHER. SEE DETAILS C1, AND C2/G-211 18. HI LOW DRINKING FOUNTAIN. SEE DETAILS D3, D4, AND D5/G-211 19. PORCELAIN WALL TILE CAP. REFERENCE ROOM FINISH SCHEDULE.



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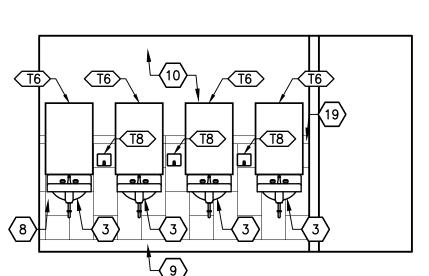
ARCHITECT



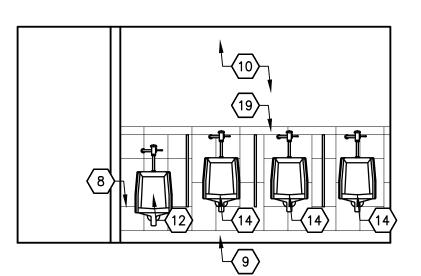
PROJECT TITLE

**ROOSEVELT** COUNTY **FAIRGROUNDS PAVILION** MULTI PURPOSE

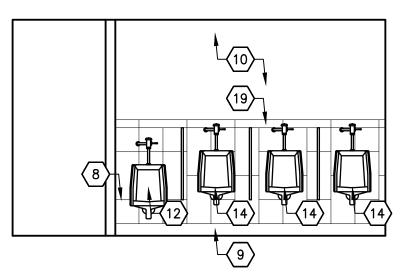
> **PORTALES NEW MEXICO**



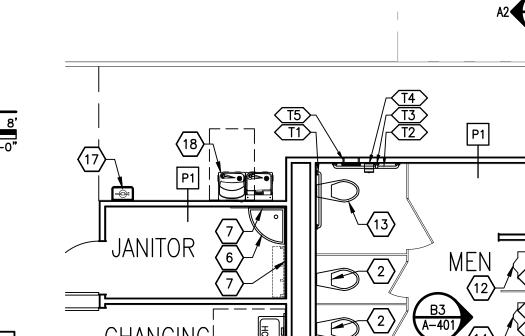
INTERIOR ELEVATION

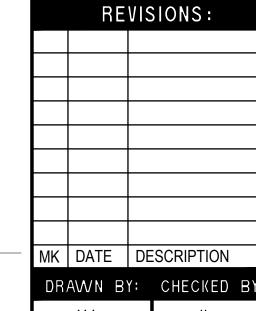


INTERIOR ELEVATION



INTERIOR ELEVATION





PROJECT NUMBER A1816.23

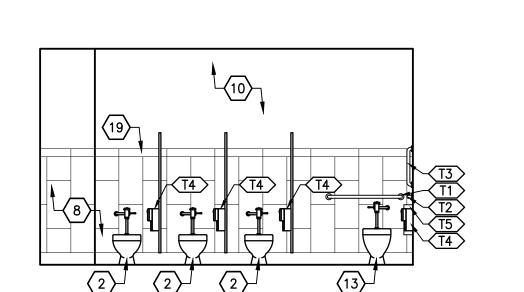
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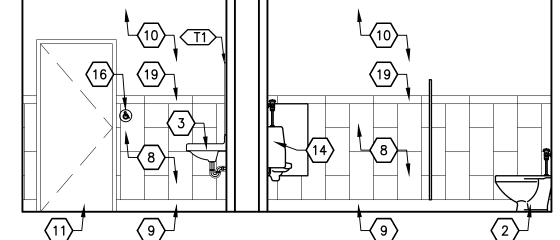
SHEET TITLE:

**ENLARGED FLOOR PLAN** AND INTERIOR ELEVATIONS

SHEET NO:

**A-401** 



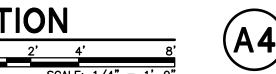




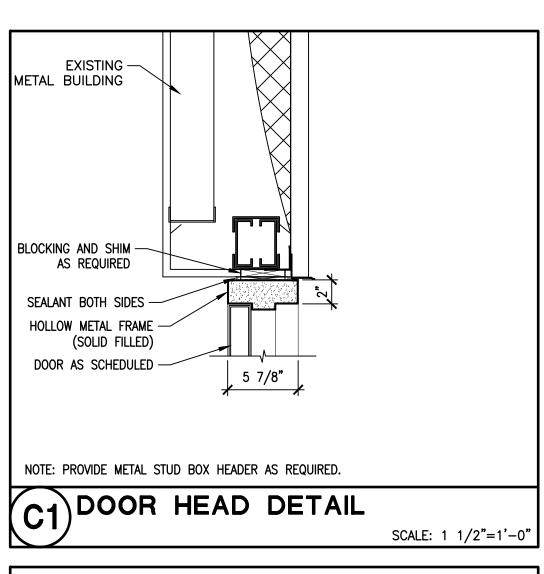
A2 INTERIOR ELEVATION

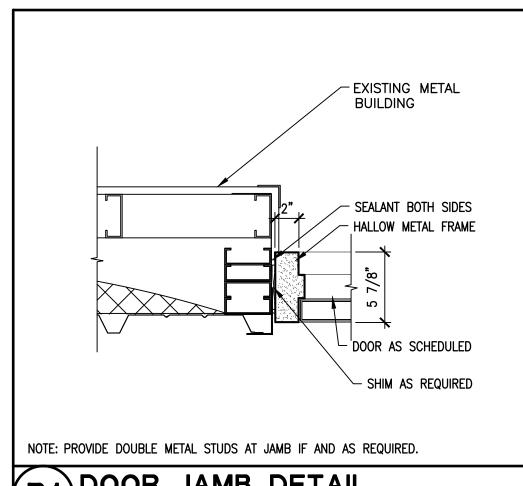
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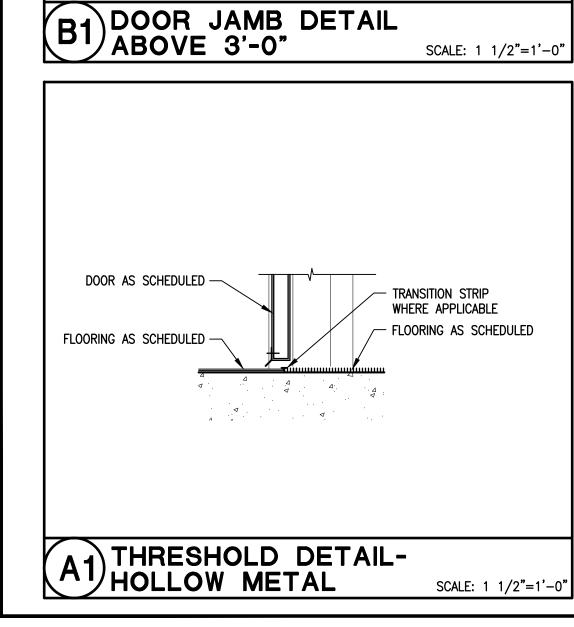


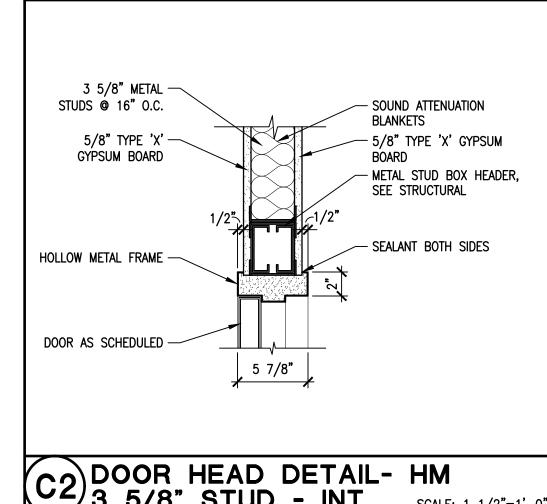


ENL. FLOOR PLAN - RESTROOMS

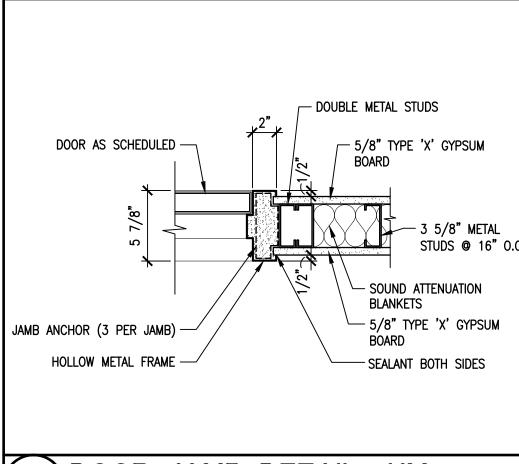




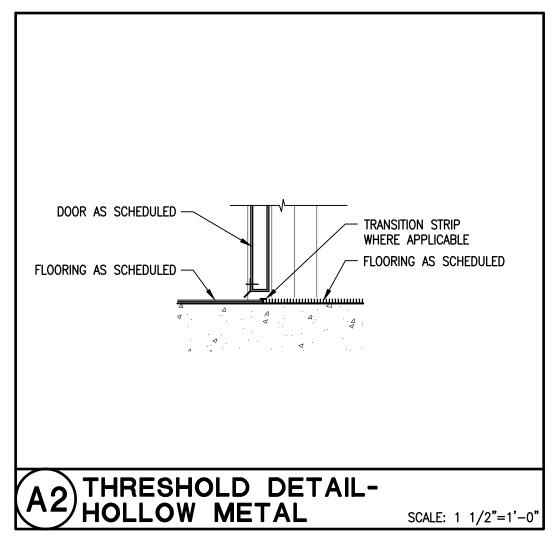




DOOR HEAD DETAIL- HM 3 5/8" STUD - INT. SCALE: 1 1/2"=1'-0"



B2 DOOR JAMB DETAIL- HM 3 5/8" STUD - INT. SCALE: 1 1/2"=1'-0"



GENERAL NOTES

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- REMAIN SHALL BE RELOCATED AS NECESSARY WHEN CONTAINED IN EXISTING CONSTRUCTION TO BE REMOVED. G. ALL ACTIVE ELECTRICAL WIRING, EQUIPMENT, ETC., SERVING LIGHTING, POWER, ETC., TO REMAIN SHALL BE RELOCATED AS NECESSARY WHEN CONTAINED IN
- EXISTING CONSTRUCTION TO BE REMOVED. ALL WIRING, PIPING, AND EQUIPMENT FOR MECHANICAL OR ELECTRICAL USES WHICH HAVE BEEN, OR ARE TO BE ABANDONED SHALL BE REMOVED AND CAPPED OFF AS NECESSARY TO CONCEAL ALL REMAINING ELEMENTS WITHIN
- THE CONSTRUCTION TO REMAIN. GENERAL CONTRACTOR IS RESPONSIBLE TO PATCH AND REPAIR ALL CEILINGS, WALLS, AND FLOORS AS A RESULT OF MECHANICAL AND ELECTRICAL MODIFICATIONS. RESTORE ALL ITEMS TO BE PATCHED AND/OR REPAIRED TO
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○ KEYED NOTES

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ARCHITECT OF NEW ROBERT CALVANI NO. 1053 CONSULTANT

PROJECT TITLE

**ROOSEVELT** COUNTY **FAIRGROUNDS PAVILION** |MULTI PURPOSE|

> **PORTALES NEW MEXICO**

**REVISIONS:** 

MK DATE DESCRIPTION

DRAWN BY: CHECKED BY PROJECT NUMBER: A1816.23

> DATE: 04/19/2024

SHEET TITLE:

**DOOR AND WINDOW DETAILS** 

SHEET NO:

**A-551** 

GENERAL NOTES

A. REFERENCE ROOM FINISH SCHEDULE SHEET A-621 FOR FINISHES.
 B. REPLACE 5/8" TYPE 'X' GYPSUM BOARD WITH 5/8" WATER RESISTANT GYPSUM BOARD AT TOILET ROOMS AND WET WALLS.



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CONSULTANT

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**ROOSEVELT** COUNTY **FAIRGROUNDS PAVILION** |MULTI PURPOSE|

> **PORTALES NEW MEXICO**

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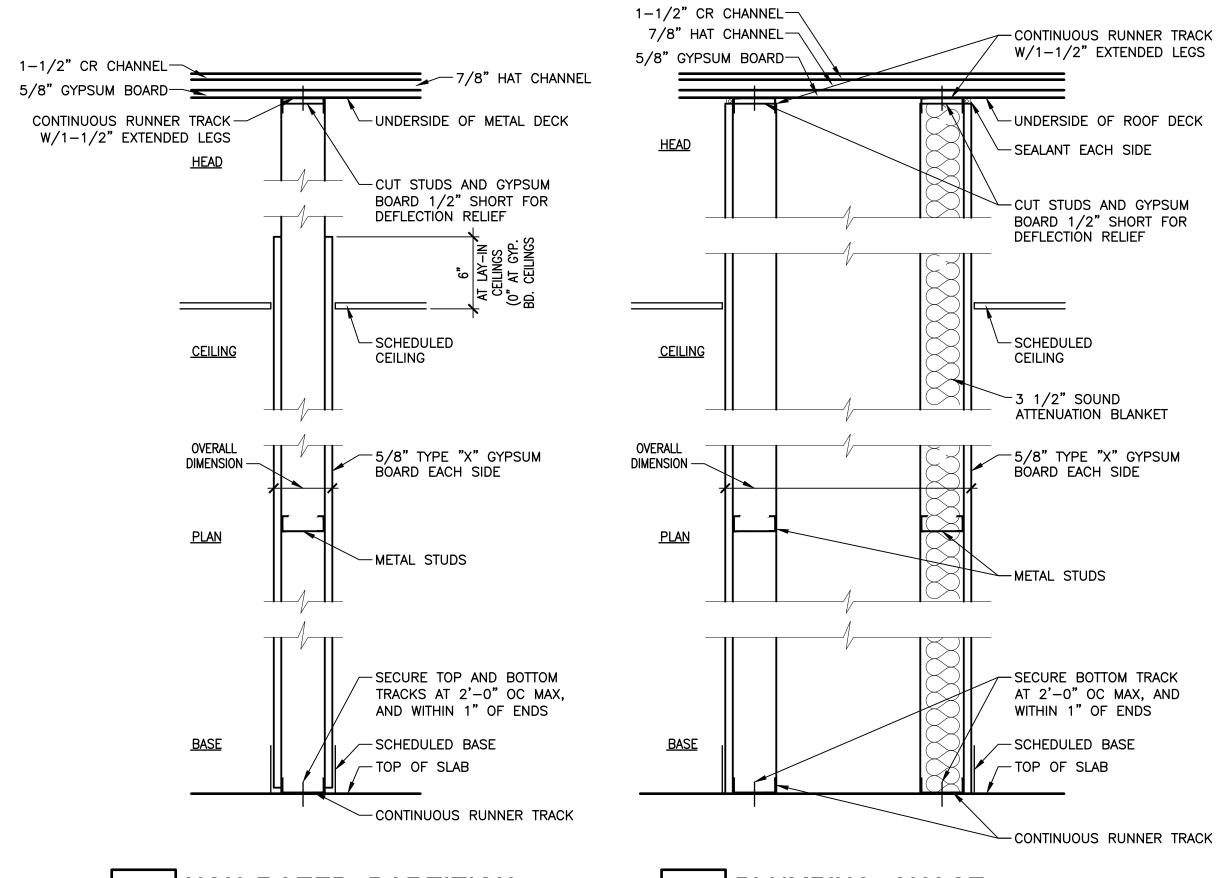
DRAWN BY: CHECKED BY PROJECT NUMBER: A1816.23

> DATE: 04/19/2024

SHEET TITLE:

SHEET NO:

**A-601** 



P1 NON-RATED PARTITION

SCALE: 1-1/2"=1'-0" 1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC 2. OVERALL DIMENSION: 4-7/8"

5/8" GYPSUM BOARD

CONTINUOUS RUNNER TRACK — W/1-1/2" EXTENDED LEGS

<u>HEAD</u>

<u>CEILING</u>

OVERALL

<u>PLAN</u>

<u>BASE</u>

DIMENSION —

PLUMBING CHASE P2 | FLUIVIDING | SCALE: 1-1/2"=1'-0"

1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC 2. OVERALL DIMENSION: 1'-8 1/4" 3. NON-RATED

**PARTITION TYPES** 

GENERAL NOTES

A. SEE DETAILS D1 & D2/ G-211 AND C4, A4 & B5/ G-212 FOR SIGNAGE AT DOORS/ ROOMS. OWNER PROVIDED ROOM SIGNS (IF ANY) TO FOLLOW ADA REQUIREMENTS. SEE DETAIL B5/ G-212.

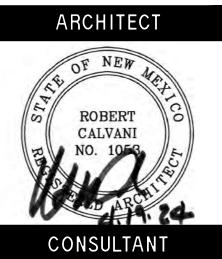
## ○ KEYED NOTES



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	DOOR SCHEDULE										
DOOR				DO	OR		FRAME				
NO	SGL	PR	WIDTH	HEIGHT	THICK	TYPE	TYPE	RATING	REMARKS		
101	*		3'-0"	7'-0"	1 3/4"	HM1	Α				
102	*		3'-0"	7'-0"	1 3/4"	HM1	Α				
103A	*		3'-0"	7'-0"	1 3/4"	HM1	Α				
103B	*		3'-0"	7'-0"	1 3/4"	HM1	В				
104A	*		3'-0"	7'-0"	1 3/4"	HM1	Α				
104B	*		3'-0"	7'-0"	1 3/4"	HM1	В				

	ROOM FINISH SCHEDULE										
RM.					WALLS						
NO	ROOM NAME	FLOOR	BASE	N	E	S	W	CLG	REMARKS		
101	CHANGING STATION	F1	B1	W2	W2	W2	W2	C1			
102	JANITOR	F1	B2	W1	W1/W4	W1/W4	W1	C1			
103	MEN RESTROOM	F1	B1	W2	W2	W2	W2	C1			
104	WOMEN RESTROOM	F1	B1	W2	W2	W2	W2	C1			
105	HALL	F1	B2	-	W3	W1	W1	C1			
NOTE:	SEE REFLECTED CEILING	PLANS FO	R CEILING	HEIGHTS	AND FUF	RR-OUTS	AND SOFFI	TS.			

	FINISH LEGEND								
MARK	DESCRIPTION								
F	FLOOR FINISH								
F1	POLISHED CONCRETE								
ŧ	BASE								
B1	6"X12" PORCELAIN TILE BASE								
B2	VINYL BASE								
١	WALL								
W1	GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT)								
W2	12"X24" PORCELAIN WALL TILE (4'-0" WAINSCOT W/ 4" CAP)								
W3	EXISTING WALL, PAINT (PREP WALL AS REQUIRED)								
W4	FRP PANELING								
(	CEILING (REFERENCE REFLECTED CEILING PLAN SHEET A-121 FOR CEILING HEIGHTS)								
C1	GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT)								

**REVISIONS:** 

MK DATE DESCRIPTION

DRAWN BY: CHECKED BY

AM JL

PROJECT NUMBER:

A1816.23

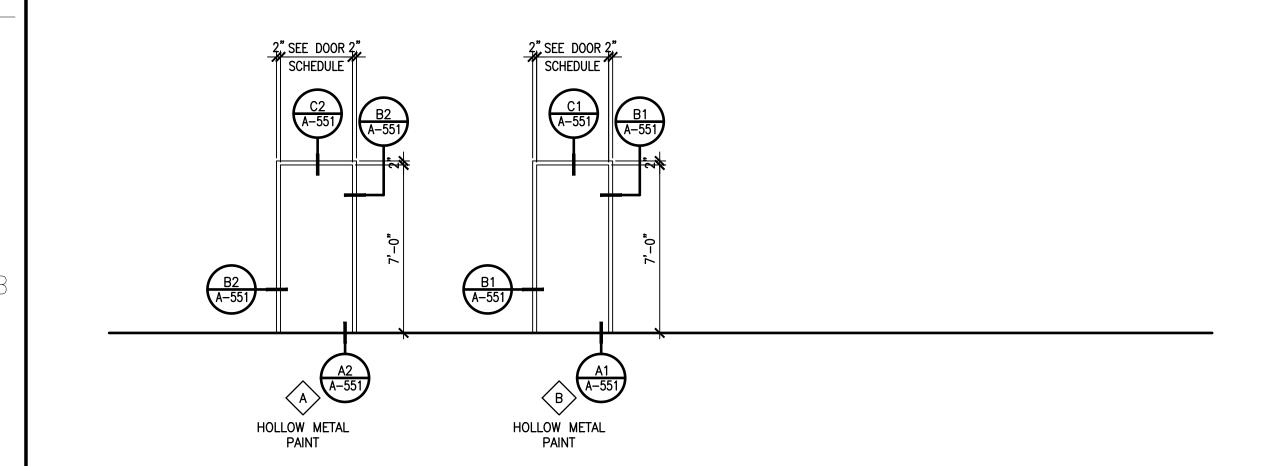
DATE: 04/19/2024

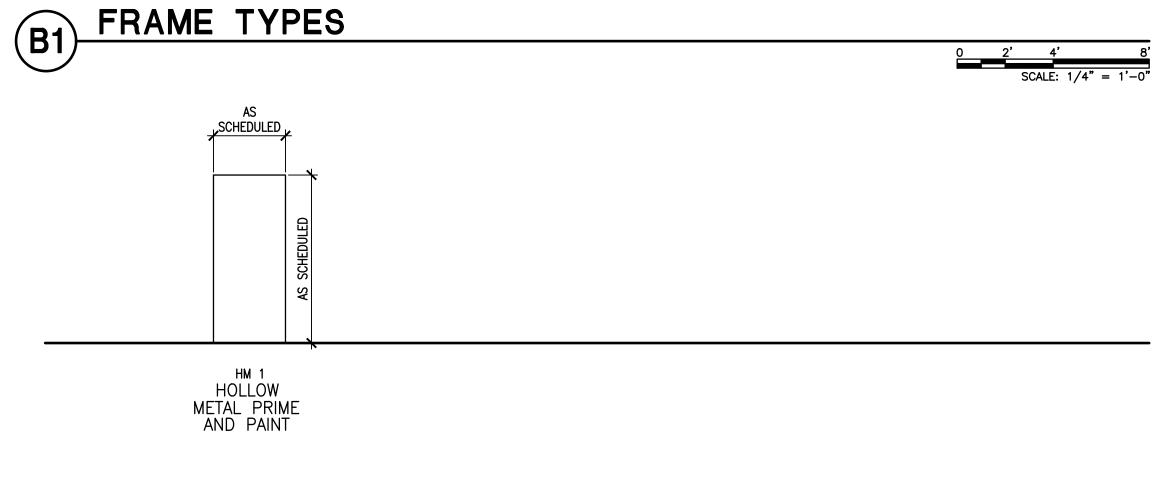
SHEET TITLE:

DOOR AND FRAME TYPES, DOOR SCHEDULE & ROOM SCHEDULE

SHEET NO:

A-621





A1 DOOR TYPES

2' 4' 8' SCALF: 1/4" = 1'-0"

#### **INSULATION NOTE**

REQUIREMENTS FOR INSULATION (2021 UPC - 609.12.1 AND 609.12.2 ALL HOT WATER LINES SHALL BE INSULATED. HW PIPE INSULATION SHALL HAVE A MINIMUM THICKNESS OF NOT LESS THAN THE DIAMETER OF THE PIPE FOR PIPES UP TO 2" DIAMETER. PIPES 2" AND LARGER SHALL BE INSULATED WITH NOT LESS THAN 2" WALL THICKNESS. COLD WATER LINES SHALL BE INSULATED THE SAME AS HOT WATER AS REQUIRED:

COLD WATER LINES LOCATED IN EXTERIOR WALLS SHALL BE INSULATED. COLD WATER LINES LOCATED IN NON-RETURN AIR PLENUMS SHALL BE INSULATED. COLD WATER LINES LOCATED IN RETURN AIR PLENUMS OR INTERIOR WALL CAVITIES ARE NOT REQUIRED TO BE INSULATED.

ALL ROOF DRAIN LINES SHALL BE INSULATED MATCHING HOT WATER REQUIREMENTS.

## SANITARY SEWER NOTE

ALL WASTE PIPE SHALL BE SLOPED 1/4" PER FOOT OR 2 PERCENT, 4" AND LARGER WASTE PIPE MAY BE SLOPED AT 1/8" PER FOOT OR 1 PERCENT IF CONDITIONS OF UPC 2021 SECTION 708.0 ARE MET AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

### GENERAL FIRE STOPPING NOTE

ALL PIPE PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE PROTECTED WITH APPROVED FIRE STOPPING ASSEMBLIES AS MANUFACTURED BY 3M INDUSTRY, OR APPROVED EQUAL. THE ASSEMBLIES SHALL COMPLY WITH LATEST APPLICABLE REQUIREMENTS OF UBC CODE, NFPA 13 AND OWNER INSURANCE, PROPOSED APPLICABLE ASSEMBLIES SHALL BE UL LISTED AND SHALL BE PART OF THE PLUMBING EQUIPMENT SUBMITTAL.

	PLUMBING	PIPE	SCHEDU	LE
SERVICE	MATERIAL	SCHEDULE	CONNECTION OR JOINT TYPE	COMMENTS
DOMESTIC COLD WATER	COPPER	TYPE L	BRAZED OR SOLDERED*	INSULATED PER NOTE
DOMESTIC HOT WATER	COPPER	TYPE L	BRAZED OR SOLDERED*	INSULATED PER NOTE
DOMESTIC HW RECIRC.	COPPER	TYPE L	BRAZED OR SOLDERED*	INSULATED PER NOTE
NATURAL GAS	BLACK STEEL	SCH. 40	WELDED OR THREADED	
SANITARY SEWER	PVC (BELOW SLAB)	SCH. 40 DWV	SOLVENT WELD	CAST IRON (PLENUM)
SANITARY SEWER	PVC OR CAST IRON (ABOVE SLAB)	SCH. 40/DWV	SOLV. WELD OR NO-HUB	PVC (NON-PLENUM)
VENT	PVC (BELOW SLAB)	SCH. 40 DWV	SOLVENT WELD	CAST IRON (PLENUM)
VENT	PVC OR CAST IRON (ABOVE SLAB)	SCH. 40/DWV	SOLV. WELD OR NO-HUB	PVC (NON-PLENUM)
SEE PLUMBING SPECIFIC	ATIONS FOR ADDITIONAL INFORMATION			

- 1) PIPE SCHEDULE FOR INFORMATION ONLY; SEE MATERIAL AND SERVICE SPECIFICATIONS FOR MATERIAL, STANDARDS, INSTALLATION, AND QUALIFICATIONS 2) \*WHERE COPPER PIPING IS CALLED FOR ON WATER LINES, "PRESS-FIT" COPPER TUBING CAN BE USED, WITH
- 3) \*WHERE COPPER PIPING IS CALLED FOR ON WATER LINES, PEX TUBING CAN BE SUBSTITUTED

### WATER USAGE COMPARISON (2021 UPC APPENDIX A)

EXISTING SERVICE LINE INFORMATION: ASSEMBLY EXISTING WATER METER SIZE: UNKNOWN

SERVICE LINE SIZE (CW)

EXISTING WATER METER FLOW RANGE: UNKOWN EXISTING WATER SERVICE LINE SIZE: 2" (THIS BUILDING ONLY)

DEVELOPED LENGTH TO FURTHEST FIXTURE: 200 FT. AT 60 PSI

SYSTEM	CALCULATED FIXTURE UNITS	CALCULATED GPM	LINE SIZE (INCH)	SERVICE LINE/METER SUMMAR	Υ
EXISTING	149	80	2" (NOTE A)	ADEQUATE LINE SIZE?	YES
MODIFIED	134	52	2" (NOTE A)	ADEQUATE METER SIZE?	YES

UNKNOWN FOR SITE

٧	VATER SUMMARY:			
8	SITE WATER STATIC DOMESTIC PRESSURE:	70	PSI	
5	SITE WATER RESIDUAL PRESSURE DOMESTIC:	60	PSI*	
	OMESTIC WATER INFORMATION			
	TOTAL WATER SUPPLY FIXTURE UNITS (WSFU)	134.0	WSFU	
	DOMESTIC CW DEMAND	52.0	GPM	
	TOTAL HOSE BIBS AND/ OR LAWN SPRINKLER DEMAND	24.0	GPM	
	TOTAL CW DEMAND	76.0	GPM	
	SERVICE LINE SIZE (CW)	2" EXI	STING (BLDG.)	

METER SIZE MINIMUM AVAILABLE PRESSURE - DOMESTIC SYSTEM PRESSURE SUMMARY RESIDUAL PRESSURE AVAILABLE AT BLDG 25.00 PSI MINIMUM FIXTURE WORKING PRESSURE TABLE 604 STATIC LOSS - SYSTEM HEIGHT 4.33 PSI WATER METER COMPONENT LOSS 7.05 PSI BACKELOW PREVENTER LOSS 10.00 PSI AVAILABLE PRESSURE FOR FRICTION LOSS 13.62 PSI SYSTEM PIPE INFORMATION

150.00 FT LONGEST PIPE RUN TO FIXTURE FITTING ALLOWANCE (% OF LONGEST PIPE RUN) 50.00 FT 200.00 FT TOTAL DEVELOPED LENGTH - TDL ACTUAL: VELOCITY: 6.06 FPS LOSS 0.17 PSI/100 FT ACTUAL FRICTION LOSS/100 FT 0.34 PSI TOTAL PRESSURE LOSS 13.28 PSI MINIMUM PRESSURE AVAILABLE WATER PRESSURE ADEQUATE:

HOT WATER SUPPLY FOR DEMOLITION PHASE OF WORK IS BEING REPLACED NEW. WATER HEATER IS BEING REMOVED PER DEMOLITION WORK. NEW TANKLESS WATER HEATER BEING INSTALLED.

#### WATER HEATER CALCULATIONS QUANTITY TOTAL GALLONS PER HOUR DESCRIPTION GAL. PER MINUTE AVATORY 10 0.35 3.50 MOP BASIN

TANKLESS WATER HEATER SELECTION: AO SMITH MODEL ACT-199I-N, 4.8 GPM AT 68°F RISE, 199 MBH INPUT

4.5 GPM AT 68°F RISE (52°F INCOMING WATER TEMP.)

EXISTING BLDG. HAS 2" WATER SERVICE

NO CHANGE REQUIRED

#### DESCRIPTION SYMBOL ABBREVIATION SOIL, WASTE OR SANITARY SEWER SAS GREASE WASTE GW VENT (SANITARY, GREASE, ETC.) COLD WATER CW HOT WATER (120°F OR BELOW) HOT WATER RETURN STORM SEWER (ROOF DRAINAGE) — ss — NATURAL GAS - LOW PRESSURE (7"W.C.) GATE VALVE $-\bowtie$ BALL VALVE **--**>■**(** CAPPED OR PLUGGED TEE --++-UNION (SCREWED) HOSE BIB RECESSED BOX WALL HYDRANT GAS COCK, GAS STOP CLEAN-OUT TO GRADE WITH CONCRETE COLLAR GAS PRESSURE REGULATOR — NG ——Й́-FLOW - IN DIRECTION OF ARROW VALVE IN RISER (TYPE AS SPECIFIED OR NOTED) RISER DOWN (ELBOW) RISER UP (ELBOW) RISE OR DROP - $\leftarrow$ **BRANCH - TOP CONNECTION**

LEGEND

### **GENERAL PLUMBING NOTE:**

**BRANCH - BOTTOM CONNECTION** 

BRANCH - SIDE CONNECTION

WATER HAMMER ARRESTOR

VENT THRU ROOF

GOVERNING CODES PROVIDE MINIMUM REQUIREMENTS AND MAY NOT NECESSARILY MEET HIGHER STANDARD REQUIREMENT OF THE CONTRACT DOCUMENTS: THEREFORE THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

MODIFICATION TO THE CONTRACT DOCUMENTS MAY OCCUR AS: 1 A WRITTEN AMENDMENT TO THIS DOCUMENT AND SIGNED BY BOTH CONTRACTOR AND ARCHITECT.

2. A CHANGE ORDER.

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3. A WRITTEN INTERPRETATION OF THE DOCUMENTS ISSUED BY THE

4. OR A WRITTEN REQUEST FROM THE ARCHITECT FOR MINOR

CHANGES TO REQUIRED WORK. THE CONTRACTOR SHALL PROMPTLY CORRECT AND BEAR ALL ASSOCIATED COSTS OF ALL WORK REJECTED BY THE ARCHITECT FOUND TO BE DEFECTIVE OR NON-COMPLYING TO CONTRACT DOCUMENTS WHETHER

OBSERVED BEFORE, OR AFTER SUBSTANTIAL COMPLETION, AND WHETHER

OR NOT FABRICATED, INSTALLED, OR COMPLETED. ANY PORTION OF THE WORK TO BE COVERED MAY BE OBSERVED BY THE ARCHITECT PRIOR TO COVERING OF WORK. CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING, A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO ANY WORK BEING COVERED. IF ANY PORTION OF THE WORK SHOULD BE COVERED CONTRARY TO THE REQUIREMENTS SPECIFICALLY EXPRESSED IN THE CONTRACT DOCUMENTS.

IT MUST, IF REQUIRED IN WRITING BY THE ARCHITECT, BE UNCOVERED FOR

THE ARCHITECTS OBSERVATION, AND SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. SYSTEMS TO BE OBSERVED PRIOR TO COVERING: 1. SOIL. WASTE AND VENT PIPING.

2. ROOF DRAINAGE PIPING. 3. DOMESTIC COLD AND HOT WATER PIPING. 4. FIRE PROTECTION PIPING

ALL AUTOMATIC OR SELF-CLOSING VALVES FOR FAUCETS SHALL BE ADJUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SUPERVISED, AS NECESSARY, BY EQUIPMENT SUPPLIER'S REPRESENTATIVE AT THE REQUEST OF THE ARCHITECT OR ENGINEER.

CONTRACTOR SHALL VERIFY THAT ALL HANDICAPPED FIXTURES, ROUGH-INS AND COMPLETE INSTALLATION COMPLY WITH ALL ADAABAAG REQUIREMENTS.

ALL PLUMBING FIXTURES ABOVE SHALL HAVE CHROME PLATED FINISH ON ALL EXPOSED SUPPLY PIPING, VALVE STOPS, TAILPIECES, P-TRAPS, AND ESCUTCHEONS. ESCUTCHEONS SHALL BE PROVIDED AT ALL WALL PENETRATIONS OF SUPPLY AND WASTE LINES.

PROVIDE WATER HAMMER ARRESTOR FOR BOTH CW AND HW SUPPLY LINES PER CURRENT UNIFORM PLUMBING CODE.

#### PLUMBING SPECIFICATIONS:

A. PROVIDE ALL NECESSARY LABOR, MATERIALS, EQUIPMENT, SERVICES AND INSURANCES TO COMPLETE THE PLUMBING WORK WITHIN THE FULL INTENT OF THE DRAWINGS AND SPECIFICATIONS CONTAINED HEREON. PLUMBING CONTRACTOR SHALL PROVIDE ALL NECESSARY PERMITS AND FEES.

B. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, RULES AND LOCAL REQUIREMENTS.

C. GUARANTEE ALL WORK AND MATERIALS FOR A PERIOD OF ONE YEAR UNLESS NOTED OTHERWISE. D. DRAWINGS ARE DIAGRAMMATIC AND SHOW BASIC SIZING. CONTRACTOR TO COORDINATE THE ROUTING OF ALL NEW PIPING ABOVE THE CEILING WITH EXISTING/NEW DUCTWORK, PIPING, LIGHTING, STRUCTURE, ETC.

E. ANY MAJOR RE-ROUTING SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR APPROVAL

A. PROVIDE AND INSTALL WATER, WASTE, CONDENSATE, AND VENT PIPING, VALVES, PLUMBING FIXTURES, WATER HEATERS, AND ACCESSORIES, AS INDICATED.

. SUBMITTALS:

A. FURNISH SUBMITTALS FOR ALL BUT NOT LIMITED TO THE FOLLOWING ITEMS:

 a. PLUMBING FIXTURES, b. WATER HEATERS,

c. PLUMBING FIXTURE BRASS AND SPECIALTIES,

d. PLUMBING PIPING, e. INSULATION,

f. HANGERS AND SUPPORTS.

A. SANITARY SEWER AND VENT PIPING BELOW GRADE: ABS PIPE OR SCH 40 PVC. ABS PIPE SHALL BE ASTM D2661-2014 WITH ABS FITTINGS. JOINTS SHALL BE ASTM D2235-2016, SOLVENT WELD. PVC PIPE SHALL BE ASTM D2666-2017. FITTINGS SHALL BE PVC ASTM D2855-2015 SOLVENT WELD WITH ASTM D2564-2018 SOLVENT CEMENT.

B. SANITARY SEWER AND VENT PIPING ABOVE GRADE: SERVICE WEIGHT CAST IRON CISPI 301, HUBLESS, SERVICE WEIGHT, FITTINGS: CAST IRON, JOINTS: NEOPRENE GASKETS AND STAINLESS STEEL CLAME-AND-SHIELD ASSEMBLIES. FITTINGS LOCATED WITHIN FIRE RATED WALLS MUST HAVE FULL COVERAGE SHIELDS APPROVED FOR SUCH USE.

C. ALL VENT PIPING LOCATED ABOVE CEILING SHALL HAVE MIN. 2% SLOPE OR AS APPROVED BY THE

D. DOMESTIC WATER PIPING SHALL BE TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. USE 100% LEAD FREE SOLDER ON PIPING 2" AND UNDER AND SILVER BRAZED JOINTS ON PIPING OVER 2". OMIT BRAZED JOINTS ON ANY THREAD ADAPTERS AND CAST VALVES AND FLANGES - USE 95/5.

E. CONDENSATE DRAIN PIPING FOR FOR HVAC SYSTEMS SHALL BE TYPE "M" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. COORDINATE INSTALLATION WITH ALL OTHER TRADES. PROVIDE END OF LINE CLEANOUTS AT EVERY 90 DEGREE ELL. COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.

F. ALL HOT WATER STOPS AND TRAP PIPING LOCATED BELOW EACH LAV SHALL BE INSULATED WITH PRODUCTS AS INDICATED.

G. CONCEAL ALL PIPING WHERE POSSIBLE.

H. ALL FITTINGS SHALL BE ACCEPTED FITTINGS FOR THE APPLICATION.

K. ALL NEW PIPING SHALL BE DOMESTIC. FORIEGN PIPING WILL NOT BE ALLOWED.

I. INSTALL SUFFICIENT HANGERS ON ALL HORIZONTAL PIPING NOT OVER 4 FEET APART AND AT ALL TURNS. PIPING SHALL HAVE SUFFICIENT HANGERS TO KEEP SYSTEMS IN ALIGNMENT. ANCHOR PIPING AS REQUIRED.

J. INSTALL FIRST QUALITY BALL VALVES DESIGNED FOR THE APPLICATION. KITZ AND NIBCO ARE ACCEPTABLE MANUFACTURER'S. VAVLES SHALL BE BRASS FULL PORT, TWO PIECE BLOW OUT PROOF, LEVER HANDLE SCREWED OR SOLDER JOINT MAY BE USED IN LIEU OF GATE VALVE UNDER 2" SIZE.

. OTHER MATERIAL

VTR

A. ALL OTHER MATERIAL, NOT SPECIFICALLY DESCRIBED BUT REQUIRED FOR A COMPLETE JOB, SHALL BE NEW AND FIRST QUALITY, FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR.

A. ALL WORK TO BE PERFORMED BY QUALIFIED PERSONNEL NORMALLY ENGAGED IN THE RESPECTIVE LINE OF WORK.

B. THIS CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL WORK ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. C. ENSURE THE EXPOSED ENDS OF ALL PLUMBING PIPING ARE PROVIDED WITH TEMPORARY CAPS DURING CONSTRUCTION.

A. SUPPORT ALL WATER AND VENT PIPING IN PLUMBING WALLS WITH HOLD-RITE PIPE SUPPORT SYSTEM OR EQUAL. ENSURE ALL VERTICAL COPPER WATER PIPING WITHIN WALLS ARE TIGHTLY SECURED (LOSE PIPING INSTALLATION WILL NOT BE

B. ALL PIPING AT FLUSH VALVES TO BE HELD SECURELY IN PLACE TO PREVENT MOVEMENT IN ANY DIRECTION. C. ALL PIPING SERVING FAUCET SET AT THE SERVICE SINK TO BE HELD SECURELY IN PLACE TO PREVENT MOVEMENT IN ANY

B. ISOLATION:

A. ISOLATE ALL DISSIMILAR METALS WITH ISOLATORS EQUALING OR EXCEEDING THE QUALITY OF "EPCO" DIELECTRIC

B. ISOLATE ALL COPPER PIPING FROM DISSIMILAR SUPPORTS. C. ISOLATE ALL PIPING THROUGH CONCRETE WITH 1/2" CLOSED CELL FOAM.

D. ISOLATE ALL PIPING AT STUDS WITH POLYETHYLENE PIPE INSULATORS MODEL P.I. AS MANUFACTURED BY SPECIALTY PRODUCTS COMPANY OR EQUAL.

9. CUTTING AND PATCHING:

A. ALL WORK SHALL BE DONE BY QUALIFIED PERSONNEL NORMALLY ENGAGED IN THE RESPECTIVE WORK REQUIRED. B. CUTTING OF ALL OPENINGS AT THE EXISTING SHELL BUILDING SHALL BE COORDINATED WITH THE GENERAL

0. TEST AND CHLORINATION: A. ALL PIPING SHALL BE TESTED IBEFORE WORK IS CONCEALED. NOTIFY THREE DAYS PRIOR TO TESTS.

B. FLUSH ALL PIPING TO REMOVE ANY FOREIGN MATERIAL.

C. CHLORINATE ALL NEW WATER PIPING PRIOR TO USE FOR 24-HOUR PERIOD WITH A MINIMUM OF 50 PARTS PER MILLION OR AS REQUIRED TO ACHIEVE A CHLORINE RESIDUAL OF 10 MILLIGRAMS PER LITER AT COMPLETION OF A 24-HOUR PERIOD. ALL PROCEDURES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C651 AND THE STATE HEALTH DEPARTMENT. D. TEST NEWLY INSTALLED WATER PIPING PRIOR TO PROJECT CLOSEOUT IN ACCORDANCE WITH THE FOLLOWING

SCHEDULE:

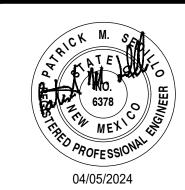
WATER 100 P.S.I. W/WATER 24 HOURS WASTE AND VENT 10' HIGH WATER COLUMN.

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PROJECT TITLE

ROOSEVELT COUNTY **FAIRGROUNDS PAVILLION** MULTI PURPOSE

> **PORTALES NEW MEXICO**

REVISIONS: — MK DATE DESCRIPTION

> RAWN BY: CHECKED PROJECT NUMBER A1816.23 DATE:

04/05/24 SHEET TITLE

**PLUMBING INFORMATION & CALCULATIONS** 



SHEET NO

P-001

	TANKLESS WATER HEATER										
SYMBOL	MANUFACTURER (OR EQUAL)	MODEL	CAPACITY AT 68°F RISE	INPUT BTUH	CW INLET	HW OUTLET	VENT/INLET DIAMETER	GAS CONN	RELIEF VALVE		
TWH-1	A.O. SMITH	ACT-199I-N	4.8 GPM	199,000	3/4"	3/4"	4"Ø EA.	3/4"	3/4"		

80% THERMAL EFFICIENCY, POWER VENT. FURNISH WITH RELIEF VALVE, UL LISTED, 150 PSI MAXIMUM WORKING PRESSURE, ORIFICED FOR 5000 FEET ELEV.

120V-1 PH, ALL STANDARD SAFETY DEVICES. PROVIDE WITH WATER FILTER, NEUTRALIZER (IF REQUIRED), ISOLATION VALVE KITS, 4"Ø COMBUSTION AIR INTAKE KIT WITH CONCENTRIC ROOF CAP. SET DISCHARGE AT 120° F.

SET UP FOR RECIRC PUMP CONNECTIONS

	EXPANSION TANK SCHEDULE												
	MANUFACTURER	MODEL	DIMENSIONS (IN)		TANK VOLUME MC	MOUNTING	TYPE	OPER. PRESS (PSIG)		OPER. TEMP. (°F)		COMMENTS	
	(OR EQUAL)	0222	DIA.	HEIGHT	(GAL)			MIN.	MAX.	MIN.	MAX.		
EXP-1	AMTROL	ST-1	6"	6"	1.0	IN-LINE	BLADDER	-	125	-	180	CONSTRUCTED PER ASME SECTION VII, DIV.1	

HOT WATER CIRCULATION PUMP SCHEDULE										
SYMBOL	MANUFACTURER (OR EQUAL)	MODEL	GPM	HEAD (FT.)	HP	VOLTS	TOR PHASE	HZ	COMMENTS	
CP-1	TACO	0006-BF3	2	7	1/40	120	1	60	FLANGED CONNECTIONS, IN-LINE UNIT, ALL BRONZE CONSTRUCTION. PROVIDE WITH AQUASTAT.	

YES REQUIRED	☐ HEAT PUMPS USED	☐ NOT REQUIRED									
TABLE 504.2 (2) MINIMUM PE	TABLE 504.2 (2) MINIMUM PERFORMANCE OF WATER HEATING EQUIPMENT - 2018 IEEC SECTION C504 SERVICE WATER HEATING										
EQUIPMENT TYPE	DRAWING SYMBOL(S)	SIZE CATEGORY	SUBCATEGORY OR RATING CONDITION	REQUIRED PERFORMANCE	COMPLIES						
WATER HEATER, ELECTRIC		< = 12 kW	RESIATANCE	0.97 - 0.00132V, EF							
WATER HEATER, ELECTRIC		> 12 kW	RESISTANCE	1.73V + 155SL, BTU/H							

WATER HEATER, ELECTRIC		< = 12 kW	RESIATANCE	0.97 - 0.00132V, EF	
WATER HEATER, ELECTRIC		> 12 kW	RESISTANCE	1.73V + 155SL, BTU/H	
WATER HEATER, GAS		<= 75,000 BTU/H AND	> = 20 gal.	067 - 0.0019V, EF	
WATER HEATER, GAS		> 75,000 BTU/H AND < =155,000 BTU/H	< 4000 BTU/H GAL.	80% ET	
WATER HEATER, GAS	TWH-1	> 155,000 BTU/H	< 4000 BTU/H GAL.	80% ET	

C404.7 TEMPERATURE CONTROLS	
SERVICE WATER-HEATING EQUIPMENT SHALL BE PROVIDED WITH CONTROLS TO ALLOW A SETPOINT OF 110° F (43° C) FOR EQUIPMENT SERVING DWELLING UNITS & 90° F (32° C) FOR EQUIPMENT SERVING OTHER OCCUPANCIES. THE OUTLET TEMPERATURE OF LAVATORIES IN PUBLIC FACILITY RESTROOMS SHALL BE LIMITED TO 110° F (43° C).	
C404.3 HEAT TRAPS	
WATER-HEATING EQUIPMENT NOT SUPPLIED WITH INTEGRAL HEAT TRAPS AND SERVING NON-CIRCULATING SYSTEMS SHALL BE PROVIDED WITH HEAT TRAPS ON THE SUPPLY AND DISCHARGE PIPING ASSOCIATED WITH THE EQUIPMENT.	

C404.3 HEAT TRAPS	
WATER-HEATING EQUIPMENT NOT SUPPLIED WITH INTEGRAL HEAT TRAPS AND SERVING NON-CIRCULATING SYSTEMS SHALL BE PROVIDED WITH HEAT TRAPS ON THE SUPPLY AND DISCHARGE PIPING ASSOCIATED WITH THE EQUIPMENT.	$\boxtimes$
C404.4 PIPE INSULATION	
AUTOMATIC-CIRCULATING HOT WATER SYSTEMS: THE FIRST 8 FT. OF PIPE SHALL REQUIRE R-4 FOR PIPIES 2" AND LESS, R-6 FOR PIPES 2" AND GREATER. PIPING SHALL BE INSULATED TO A MINIMUM OF R-4 FOR PIPIES 2" AND LESS, R-6 FOR PIPES 2" AND GREATER.	$\boxtimes$
NON-CIRCULATING HOT WATER SYSTEMS: THE FIRST 8 FT. OF PIPING SERVIED BY EQUIPMENT WITHOUT INTEGRAL HEAT TRAPS SHALL BE INSULATED WITH	

0.5 INCHES OF MATERIAL NOT EXCEEDING 0.27 BTU/INCH.

			Р	LUMBING	3 FI	XTL	JRE	SCH	IEDULE
Ī	SYMBOL	FIXTURE TYPE	MANUF/MODEL	FIXTURE MOUNTING		CONNECTIONS			COMMENTS (FOR LEED: ELIGIBLE FIXTURES SHALL BE "WATERSENSE LABELED")
			(Or Equal)	HEIGHT	CW	HW	WASTE	VENT	
	P-1	WATER CLOSET (STD)	AMERICAN STANDARD NO. 3451.128 "MADERA"	15" TOP OF RIM	1"		4"	2" OR 4" SEE DWG.	VITREOUS CHINA, FLUSH VALVE, FLOOR MOUNTED, ELONGATED BOWL, SIPHON JET. COLOR: WHITE OLSONITE NO. 95 OPEN FRONT SEAT, ZURN ZEMS6000AV-IS-HET-MOB, 1.28 GPF HIGH EFF. WATER SAVER SENSOR HARDWIRED FLUSH VALVE WITH P6000-HWS POWER CONVERTER, POWERS UP TO 8 VALVES OR FAUCETS, 120V POWER REQ'D, SEE ELECTRICAL.
	P-1A	WATER CLOSET (ADA)	AMERICAN STANDARD NO. 3461.128 "MADERA"	17" TOP OF RIM	1"		4"	2" OR 4" SEE DWG.	VITREOUS CHINA, FLUSH VALVE, FLOOR MOUNTED, ELONGATED BOWL, SIPHON JET. COLOR: WHITE OLSONITE NO. 95 OPEN FRONT SEAT, ZURN ZEMS6000AV-IS-HET-MOB, 1.28 GPF HIGH EFF. WATER SAVER SENSOR HARDWIRED FLUSH VALVE WITH P6000-HWS POWER CONVERTER, POWERS UP TO 8 VALVES OR FAUCETS, 120V POWER REQ'D, SEE ELECTRICAL.
	P-2	URINAL (STD)	AMERICAN STANDARD NO. 6590.001EC-020 "WASHBROOK"	24" TOP OF RIM	3/4"		2"	1-1/2"	VITREOUS CHINA, FLUSH VALVE, WALL MOUNTED, TOP SPUD, WASHOUT ACTION, COLOR: WHITE. ZURN ZEMS60003AV-IS-ULF, 0.125 GPF ULTRA HIGH EFF. WATER SAVER SENSOR HARDWIRED FLUSH VALVE PLUGGED INTO POWER CONVERTER (UP TO 8 VALVES OR FAUCETS). ZURN Z-1222 WALL CARRIER. FURNISH WITH AS 047068-0070A URINAL STRAINER, VP SCREW.
	P-2A	URINAL (ADA)	AMERICAN STANDARD NO. 6590.001EC-020 "WASHBROOK"	17" TOP OF RIM	3/4"		2"	1-1/2"	VITREOUS CHINA, FLUSH VALVE, WALL MOUNTED, TOP SPUD, WASHOUT ACTION, COLOR: WHITE. ZURN ZEMS60003AV-IS-ULF, 0.125 GPF ULTRA HIGH EFF. WATER SAVER SENSOR HARDWIRED FLUSH VALVE PLUGGED INTO POWER CONVERTER (UP TO 8 VALVES OR FAUCETS). ZURN Z-1222 WALL CARRIER. FURNISH WITH AS 047068-0070A URINAL STRAINER, VP SCREW.
	P-3A	LAVATORY (ADA)	AMERICAN STANDARD NO. 0124.131.020 "COMRADE"	WALL MOUNTED ADA HEIGHT SEE ARCH. PLANS	1/2"	1/2"	2"	1-1/2"	VITREOUS CHINA, 20" X 18" WALL MOUNTED, CONCEALED ARM, 4" CENTERS, COLOR: WHITE. ZURN Z6915-XL-TMV-1, 0.5 GPM HIGH EFF. WATER SAVER SENSOR HARDWIRED FAUCET PLUGGED INTO POWER CONVERTER (UP TO 8 VALVES OR FAUCETS), THERMOSTATIC MIXING VALVE PER ASSE 1070 (SET AT 105°F), TRUEBRO #102 HANDI LAV-GUARD KIT, WALL STOPS AND SUPPLIES, AND P-TRAP. ZURN LAV CARRIER.
	P-4	MOP BASIN	FIAT MODEL TSBC1610	FLOOR (NEO-ANGLE)	1/2"	1/2"	3"	2"	WITH 1453-BB STRAINER, NO. 832-AA HOSE AND HOSE BRACKET, STAINLESS STEEL CAPS, NO. 889-CC MOP HANGER, AND SEALED AROUND WITH NO. 833-AA SILICONE SEAL. PROVIDE WITH DELTA MODEL 28T9 SERVICE SINK FAUCET WITH VACUUM BREAKER AND STOPS.

SYMBOL	FIXTURE TYPE	MODEL	CONNECTIONS				COMMENTS
OTWIDOL			CW	HW	WASTE	VENT	OGIVINENTO
FCO	FLOOR CLEANOUT (INSIDE BUILDING, SEE ARCH. FOR FINISH)	ZURN NO. ZN-1400 NH			SEE DWG		ZURN NO. ZN-1400-X NH, RECESSED FOR TILE. ZURN NO. ZN-1400-CF NH FOR CARPET, WITH MARKER
СО	CLEANOUT (OUTSIDE OR AT UNFINISHED AREA)	ZURN NO. Z-1400-HD NH CAST IRON TAP			SEE DWG		P.B. TOP IN OUTSIDE AREAS, CAST IRON TOP, VANDELPROOF SCREWS, GALVANIZED.
WCO	WALL CLEANOUT	ZURN NO. Z-1468 ZS			SEE DWG		INSTALL WHERE C.O. BELOW FIXTURE CONNECTION IS REQUIRED BY CODE AND WHERE SHOWN ON PLANS. BRONZE PLUG WITH STAINLESS STEEL FACE WALL PLATE, WITH VANDAL-PROOF SCREWS.
FD-1	FLOOR DRAIN	ZURN ZN-415 W/TYPE B			2"	2"	ROUND TOP TYPE B STRAINER WITH VENTED P-TRAP. PROVIDE WITH PROSET TRAP GUARD.
WHA-1	WATER HAMMER ARRESTOR	ZURN SHOKTROL	SEE DWG				SIZED PER FIXTURE UNIT LOAD, PROVIDE AT EACH TOILET GROUP.
AP	ACCESS PANEL	ELMDOR SLK 8"x8"					DRY WALL INSTALLATION, 14 GA MILD STEEL WITH PRIME COAT FINISH. PROVIDE AUTOMATIC SPRING BOLT TYPE LOCK AND KEY. INSTALL DOOR DIRECTLY IN FRONT OF WATER HAMMER ARRESTOR IN WALL.
PRV-1	PRESSURE REDUCING VALVE	WATTS MODEL LF223S	2"				10 TO 25 PSI SPRING, 52 GPM AT 5 PSI PRESSURE DROP, SET TO DELIVER 55 PSI TO BUILDING. WITH STRAINER.
RPBP-1	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS MODEL LF009	2"				REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, Y STRAINER AND REPLACABLE SEATS. BRONZE BODY CONSTRUCTION, MAXIMUM WORKING PRESSURE OF 175 PSI. MAIN WATER SERVICE.
НВХ	нот вох	WATTS BOX MODEL WB-2	RPBP-1				PROVIDE 90W HEATING CABLE, UL LISTED, CSA CERTIFIED. CONCRETE PAD REQUIRED 6" LARGER THAN HOUSING, 4" THICK.



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PROJECT TITLE

ROOSEVELT COUNTY **FAIRGROUNDS PAVILLION** MULTI PURPOSE

> **PORTALES NEW MEXICO**

REVISIONS: MK DATE DESCRIPTION DRAWN BY: CHECKED BY

PROJECT NUMBER: A1816.23 DATE: 04/05/24

SHEET TITLE:

**PLUMBING SCHEDULES** 

Α

SHEET NO:

P-002

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