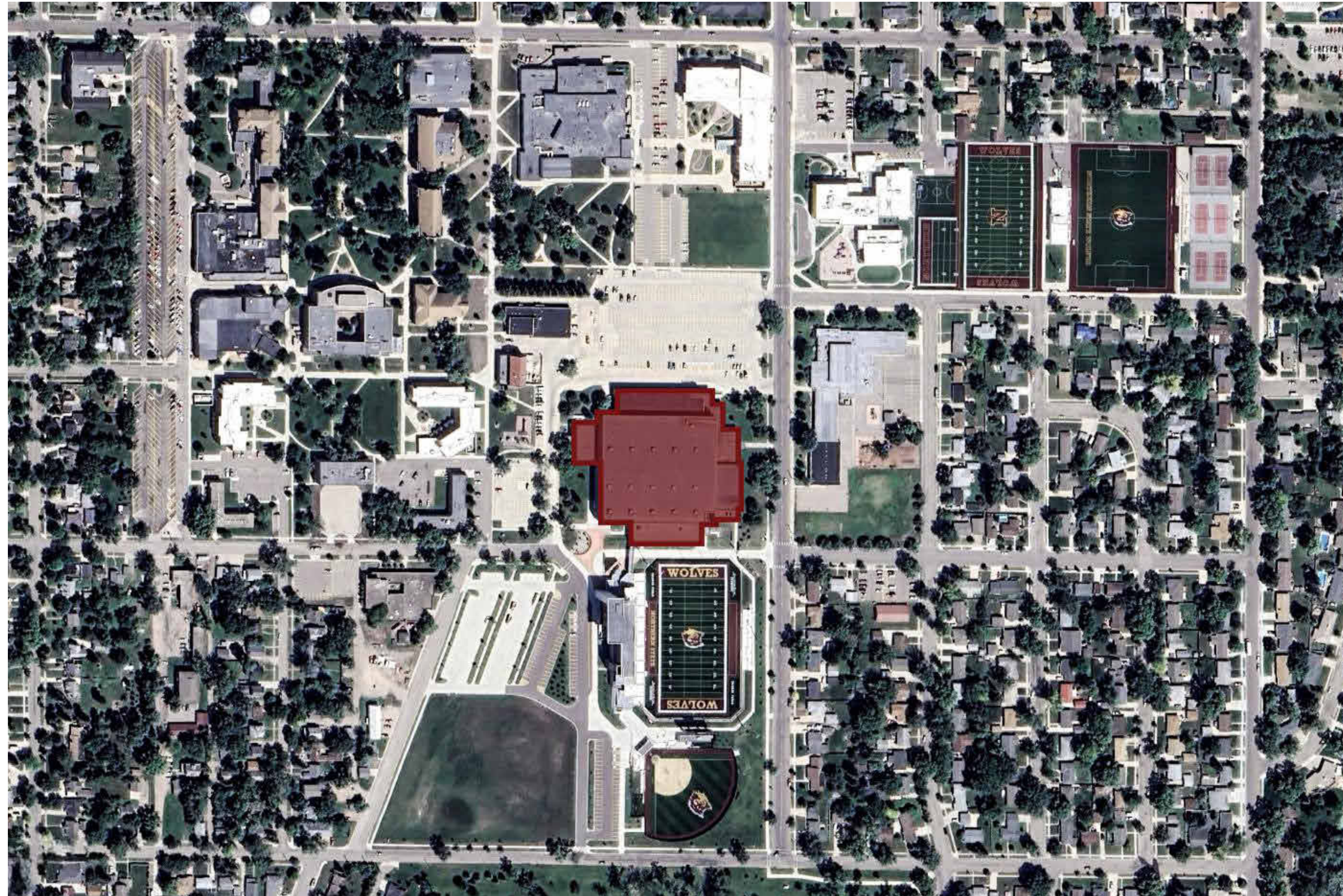


BARNETT CENTER, LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA
OSE# RO124--16X

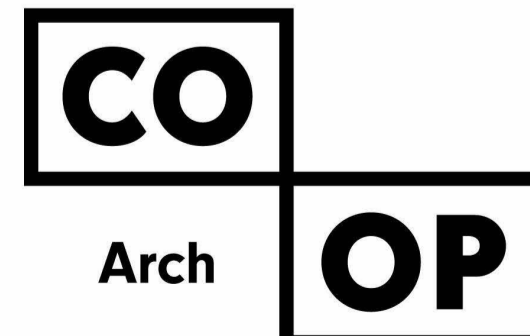


DRAWING SHEET INDEX:

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D-102	WRESTLING & BASEBALL DEMOLITION PLAN
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A-106	WRESTLING & BASEBALL FLOOR FINISH PLAN
A-601	FINISH SCHEDULE & ROOM SCHEDULE
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A-604	BASEBALL LOCKER ROOM INTERIOR ELEVATIONS
A-605	WRESTLING LOCKER ROOM INTERIOR ELEVATIONS
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M401	WRESTLING & BASEBALL - PLUMBING & HYDRONICS PLAN
M500	TRACK & FIELD - FIRE PROTECTION PLAN
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CONSTRUCTION
DOCUMENTS
2/3/2025

ARCHITECT:



1108 S Main Street
Suite 102
Aberdeen, SD 57401
Phone: 605-725-4852

www.co-oparch.com

MECHANICAL ENGINEER:

**SICHMELLER
ENGINEERING**

Mechanical and Electrical Engineering
605-225-4344

801 Railroad Ave. SE
Aberdeen, SD 57401
Phone: 605-225-4344

siceng.biz

ELECTRICAL ENGINEER:



**Professional Design
Engineers**

48371 265th Street
Brandon, SD 57005
(605)941-3337

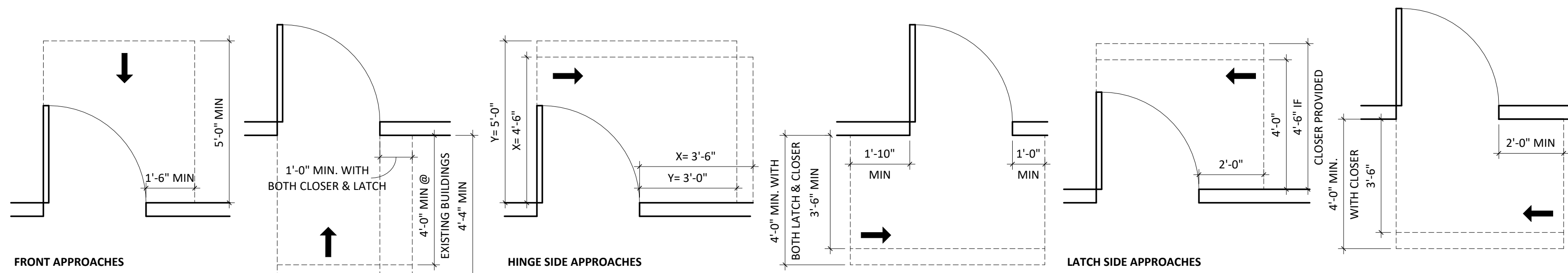
48371 265th Street
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Phone: 605-941-3337

OWNER:

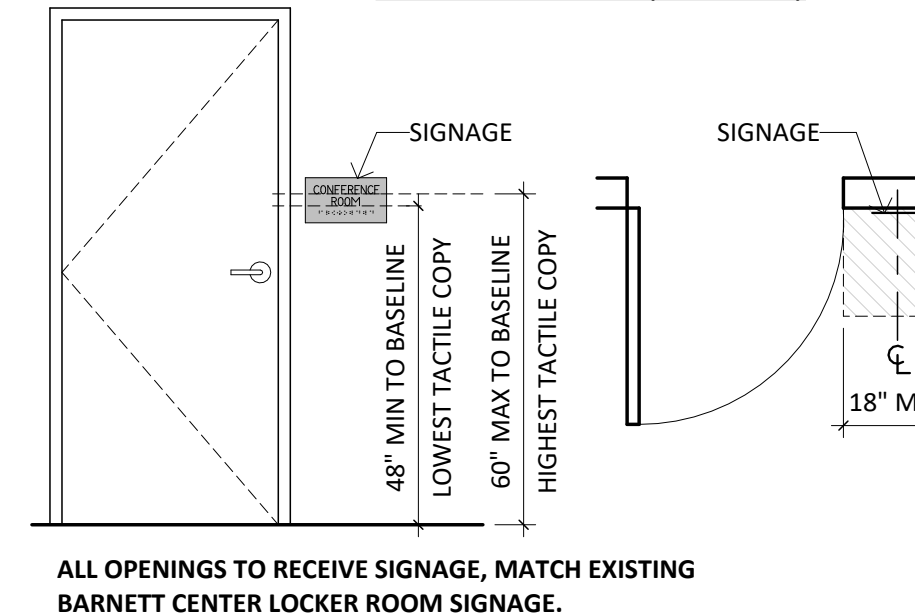


1200 S Jay Street
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Phone: 605.626.3011

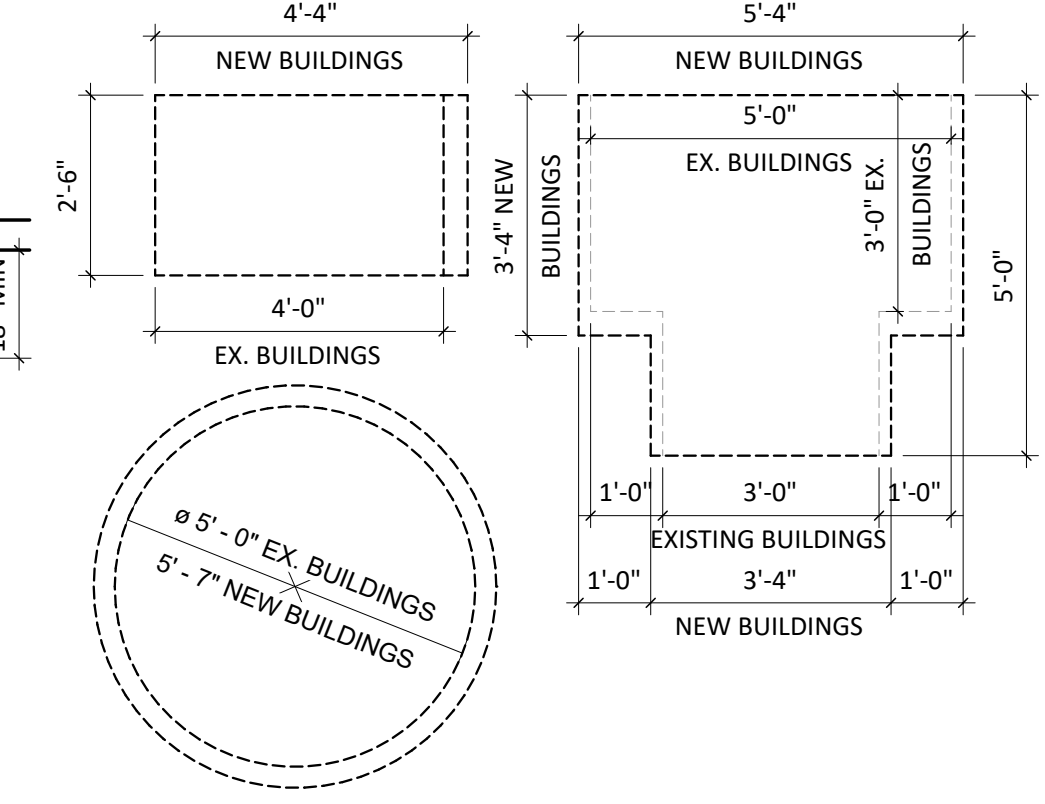
MANEUVERING CLEARANCES AT DOORS PER ADAAG (4.13.6), ANSI (404.2.4), ICC A117.1-2017 (404.2.3)



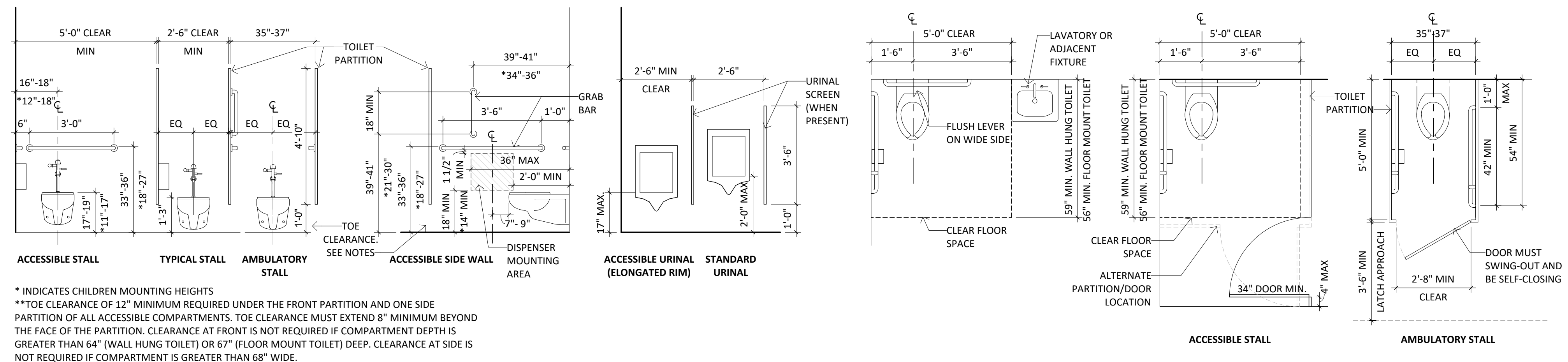
SIGNAGE PER ADAAG (4.30.6), ANSI (703.4.1), ICC A117.1-2017 (703.3.10)



TURNING SPACE PER ANSI (304.1), ICC A117.1-2017 (304.3)

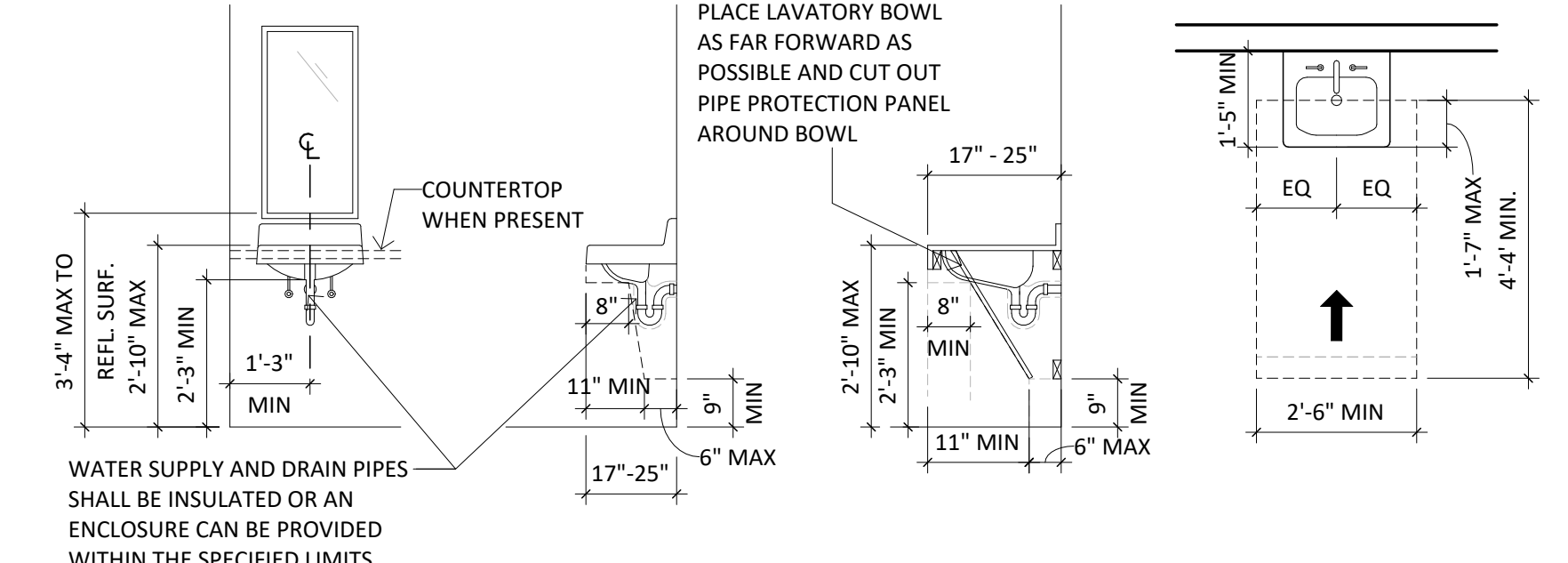
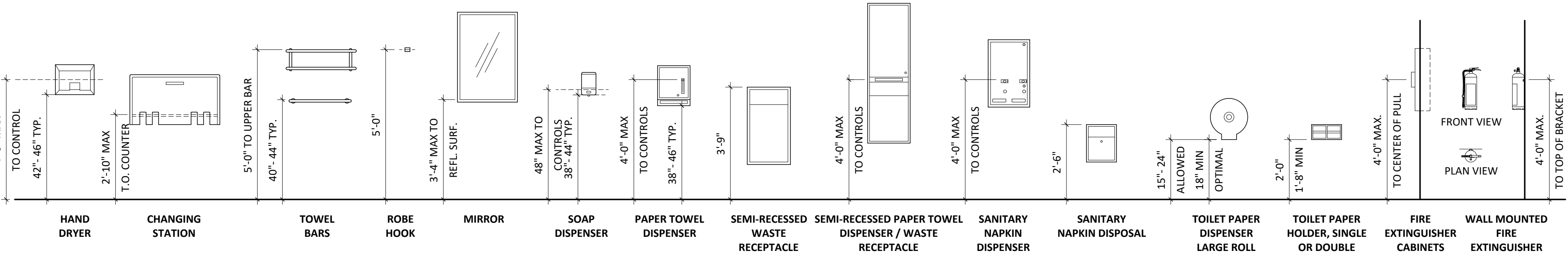


WATER CLOSET & URINALS - CLEARANCES & MOUNTING HEIGHTS PER ADAAG (4.16-4.18), ANSI (603-605), ICC A117.1-2017(604.2-605.2 & 609.4)

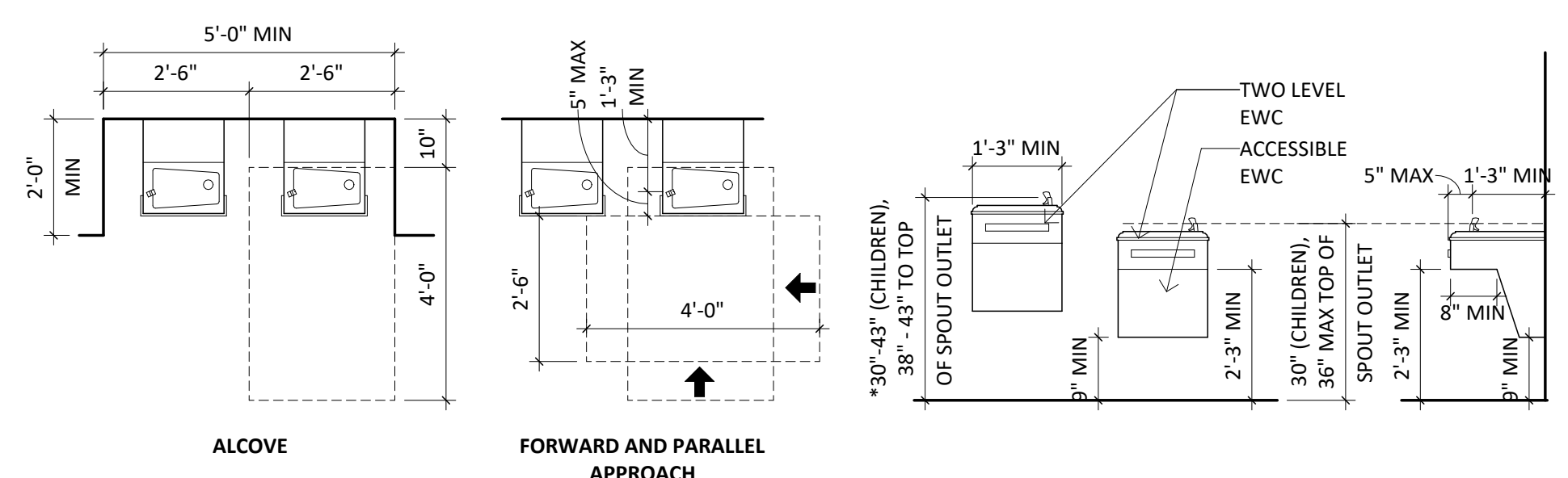


* INDICATES CHILDREN MOUNTING HEIGHTS
 **TOE CLEARANCE OF 12" MINIMUM REQUIRED UNDER THE FRONT PARTITION AND ONE SIDE PARTITION OF ALL ACCESSIBLE COMPARTMENTS. TOE CLEARANCE MUST EXTEND 8" MINIMUM BEYOND THE FACE OF THE PARTITION. CLEARANCE AT FRONT IS NOT REQUIRED IF COMPARTMENT DEPTH IS GREATER THAN 64" (WALL HUNG TOILET) OR 67" (FLOOR MOUNT TOILET) DEEP. CLEARANCE AT SIDE IS NOT REQUIRED IF COMPARTMENT IS GREATER THAN 68" WIDE.

MISCELLANEOUS MOUNTING HEIGHTS

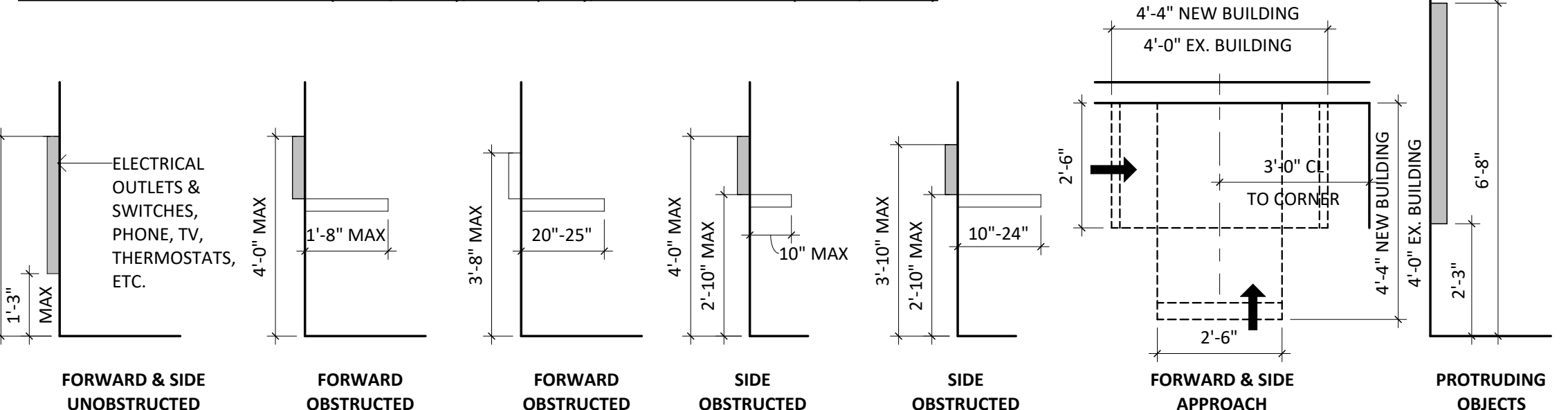


DRINKING FOUNTAIN - CLEARANCES & HEIGHTS PER ADAAG (4.15), ANSI (602), ICC A117.1-2017 (602)

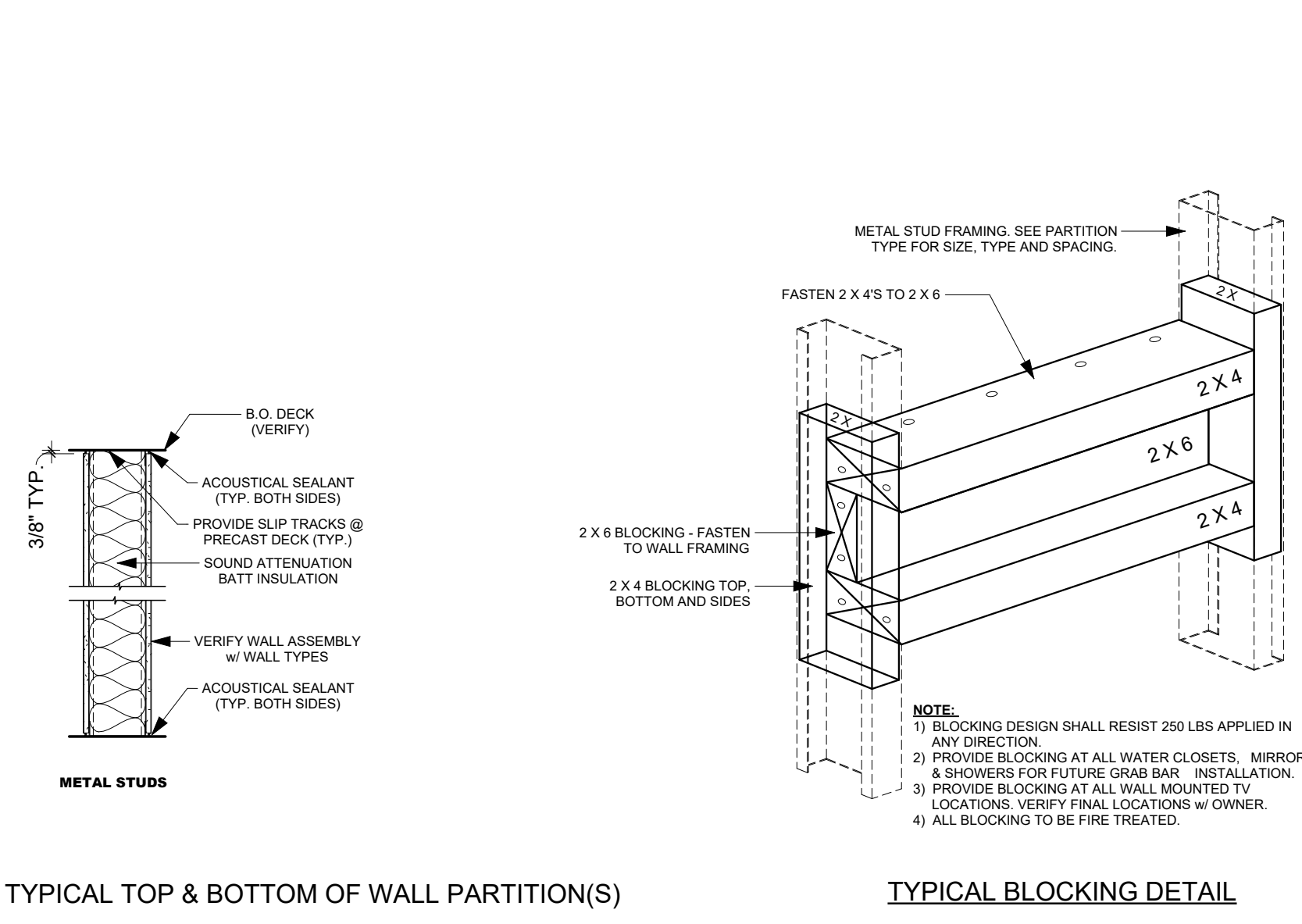


IBC 2021:
 Locker Rooms Occupancy: 50 Gross
 1006 SF / 50 = 20 occupants.
 Base off Locker Counts = 50 occupants
 Men: 1 (1)
 Women: 2
 2 in each. Verify in 2021 IPC (Travis/Luke)

REACH RANGES PER ADAAG (4.2.5/4.2.6), ANSI (308), ICC A117.1-2017 (308.2/308.3)



LAVATORIES & SINKS - CLEARANCES & HEIGHTS PER ADAAG (4.19), ANSI (606), ICC A117.1-2009 (606.3)



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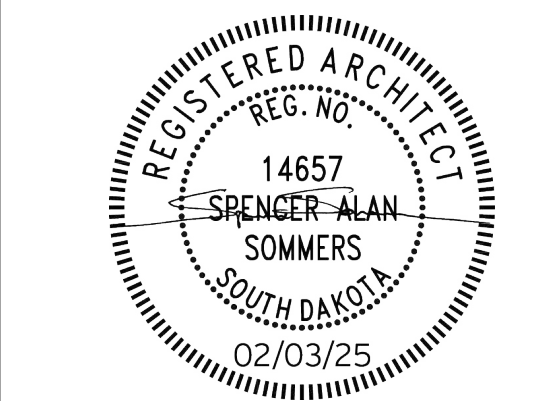
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OSE PROJECT NO: RO124--16X

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ISSUE:
 2/3/2025 100% CONSTRUCTION DOCUMENTS

REVISION SCHEDULE:
 REV. # REV. DSC. REV. DATE

PROJECT:
 BARNETT CENTER,
 LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
 ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
 CODE STANDARDS

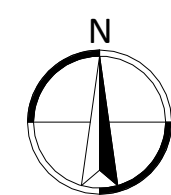
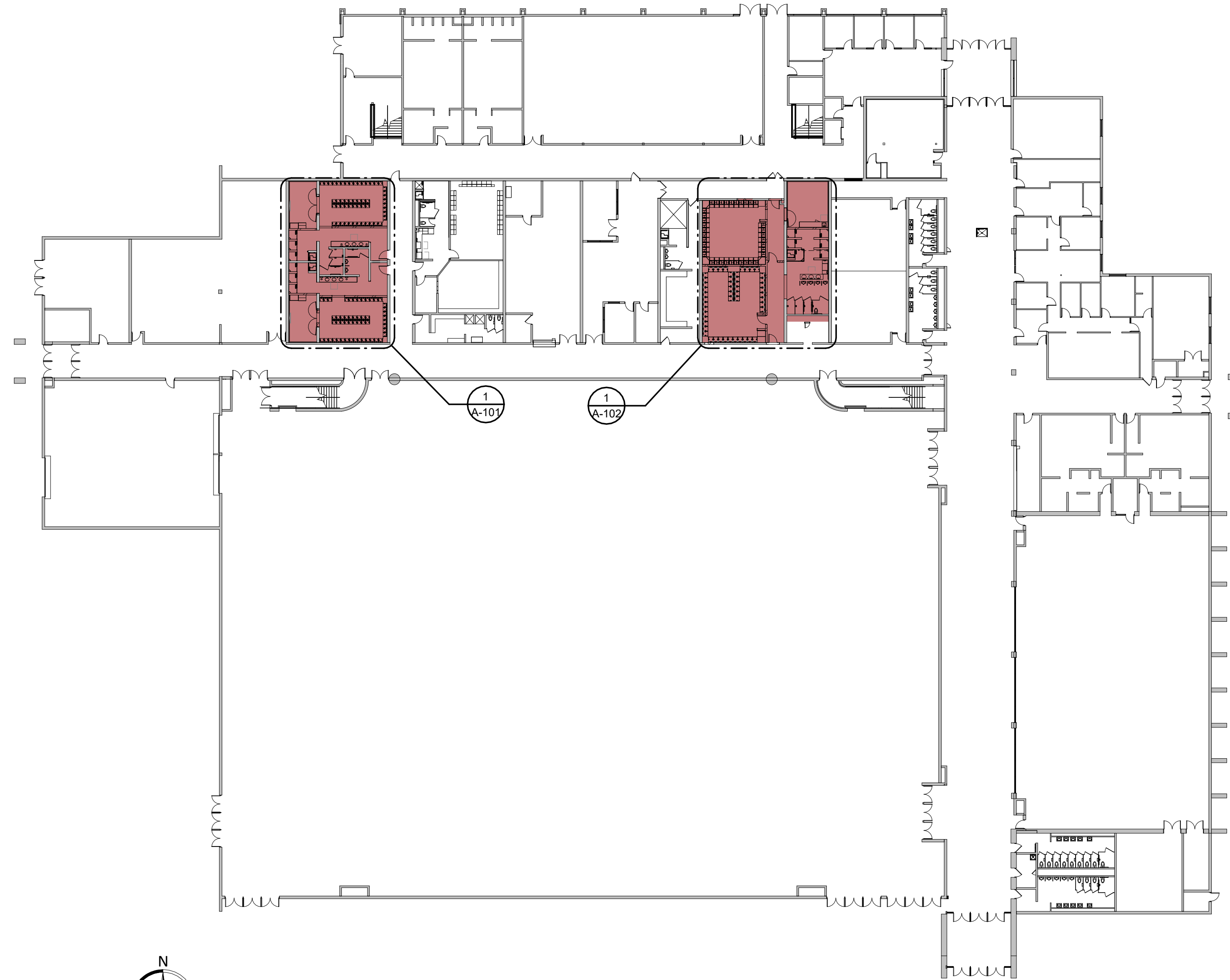
G000

2021 INTERNATIONAL BUILDING CODE

PROJECT AREA	OCCUPANCY TYPE	TYPE OF CONST.	NUMBER OF STORIES	BUILDING SPRINKLER	PERIMETER W/ 20' YARD (F)	PERIMETER BUILDING (P)	ALLOWABLE AREA/FLOOR	ACTUAL AREA/FLOOR	COMMENTS
4.425	B	II-B	2	Y	NA	NA	NA	NA	NA

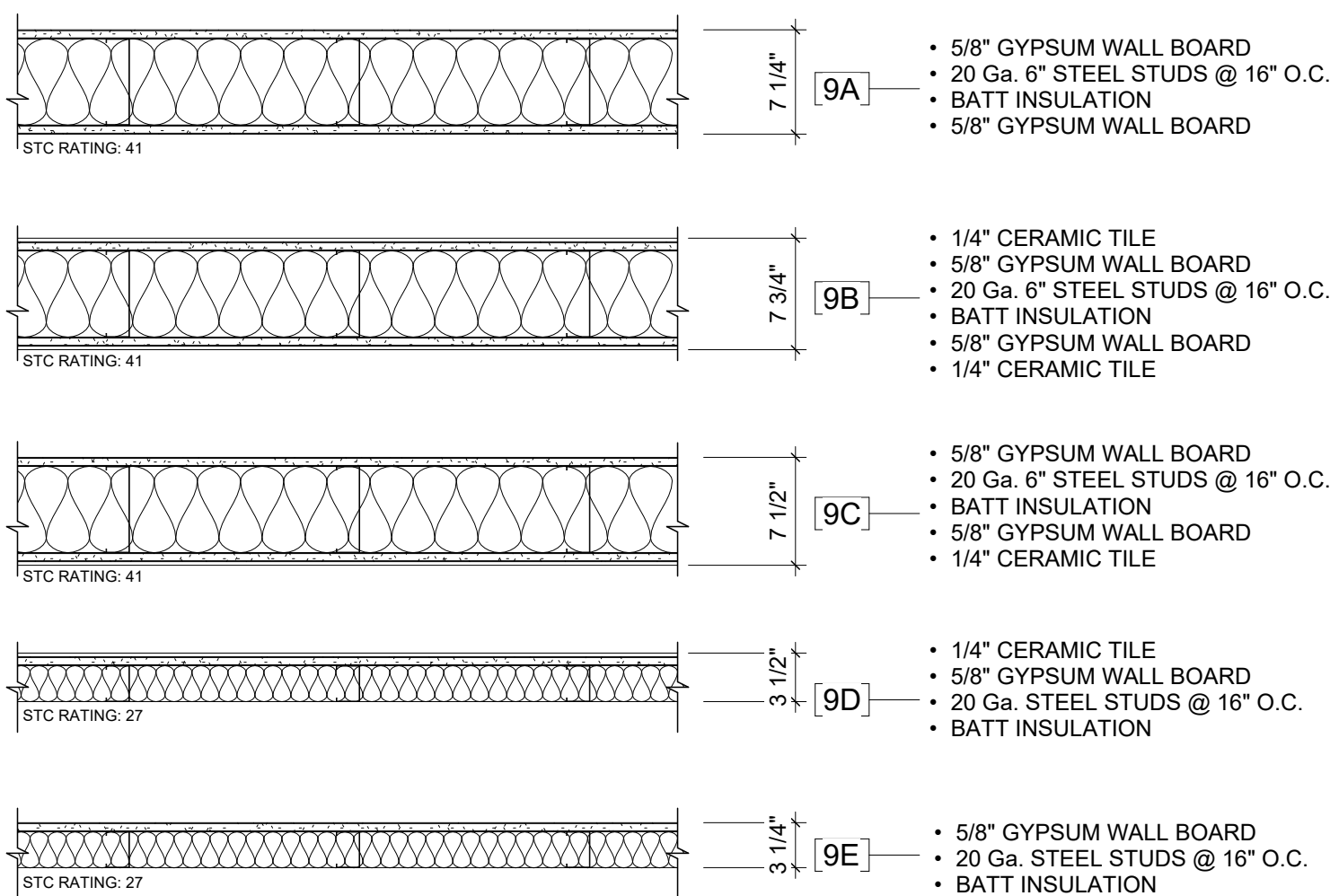
ABBREVIATIONS

A A/C AIR CONDITION AB ANCHOR BOLT ACPL ACOUSTICAL PLASTER ADJ ADJUSTABLE AFF ABOVE FINISH FLOOR AHU AIR HANDLING UNIT ALUM ALUMINUM ALT ALTERNATE ANC ANCHOR APC ACOUSTICAL PANEL CEILING	B BC BOTTOM OF CURB BD BOARD BLDG BUILDING BLKG BLOCKING BN BULLNOSE B.O. BOTTOM OF BOW BOTTOM OF WALL BRG BEARING BRL BRICK LEDGE BURN BURNISHED BLOCK	C CG CORNER GUARD CJ CONTROL JOINT CLG CEILING CMU CONCRETE MASONRY UNIT COL COLUMN COMP COMPARTMENT CONC CONCRETE CONSTR CONSTRUCTION CONT CONTINUOUS OR CONTINUE CONTR CONTRACTOR CPT CARPET CSV COVE SHEET VINYL BASE CT CERAMIC TILE CTB CERAMIC TILE BASE	D DBL DOUBLE DIA DIAMETER DIM DIMENSION DEMO DEMOLITION DET DETAIL DF DRINKING FOUNTAIN DR DOOR DS DOWNSPOUT DW DISH WASHER DWG DRAWING	E EA EACH EIFS EXTERIOR INSULATION FINISH SYSTEM EJ EXPANSION JOINT ELEV ELEVATION ELEC ELECTRIC EQ EQUAL EQUIP EQUIPMENT ES EXPOSED STRUCTURE EW EACH WAY EWC ELECTRIC WATER COOLER EXPO EXPOSED EXIST EXISTING EXT EXTERIOR	F FBO FURNISHED BY OTHERS FD FLOOR DRAIN FDN FOUNDATION FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET FFE FINISHED FLOOR ELEVATION FF FINISHED FLOOR FLR FLOOR FRP FIBERGLASS REINFORCED PANEL FT FOOT FTG FOOTING FWC FABRIC WALL COVERING	G GALV GALVANIZED GB GRAB BAR GC GENERAL CONTRACTOR GLAZ GLAZED BLOCK GWB GYPSUM WALL BOARD GWT GLAZED WALL TILE GTB GLAZED WALL TILE BASE	H HB HOSE BIB HC HANDICAPPED HLB HORIZONTAL LOUVER BLINDS HM HOLLOW METAL HPC HIGH PERFORMANCE COATING HT HEIGHT HVAC HEATING, VENTING & AIR CONDITIONING	I ID INSIDE DIAMETER INSL INSULATION INT INTERIOR	J JBE JOIST BEARING ELEVATION JST JOIST JT JOINT	L LAM LAMINATE LAV LAVATORY	M MAX MAXIMUM MB MARKER BOARD MECH MECHANICAL MTL METAL MIN MINIMUM MO MASONRY OPENING MST MOSAIC TILE MTB MOSAIC TILE BASE	N NIC NOT IN CONTRACT NO NUMBER NOM NOMINAL NTS NOT TO SCALE	O OC ON CENTER OD OUTSIDE DIAMETER OH OVERHEAD	Q QB QUARRY TILE BASE QT QUARRY TILE	R RB RESILIENT BASE RD ROOF DRAIN REF REFRIDGERATOR RM ROOM RO ROUGH OPENING RST RESILIENT STAIR TREAD RT RUBBER TILE RVB RUBBER VENTED BASE	S SB SPLASH BLOCK SC-# SPECIAL COATING (COLOR #) SCONC SEALED CONCRETE SECTION SIM SIMILAR SQ SQUARE SS STAINLESS STEEL STD STANDARD STL STEEL SHEET VINYL FLOORING SYM SYMETRICAL	T T&G TONGUE & GROOVE TB TACKBOARD TBD TO BE DETERMINED TC TERRAZZO T.O. TOP OF TOC TOP OF CONCRETE TOF TOP OF FOOTING TOM TOP OF MASONRY TOO TOP OF OPENING TOP TOP OF PRECAST TOS TOP OF STEEL TOW TOP OF WALL TPD TOILET PAPER DISPENSER TS TALL STORAGE TV TELEVISION TYP TYPICAL	U UNO UNLESS NOTED OTHERWISE	V VCT VINYL COMPOSITION TILE VEND VENDING MACHINE VERT VERTICAL VTR VENT THRU ROOF VWB VINYL WALL BORDER VWC VINYL WALL COVERING	W W/ WITH W/O WITHOUT WB WOOD BASE WC WATER CLOSET WD WOOD WH WATER HEATER WOM WALK OFF MAT WT WEIGHT
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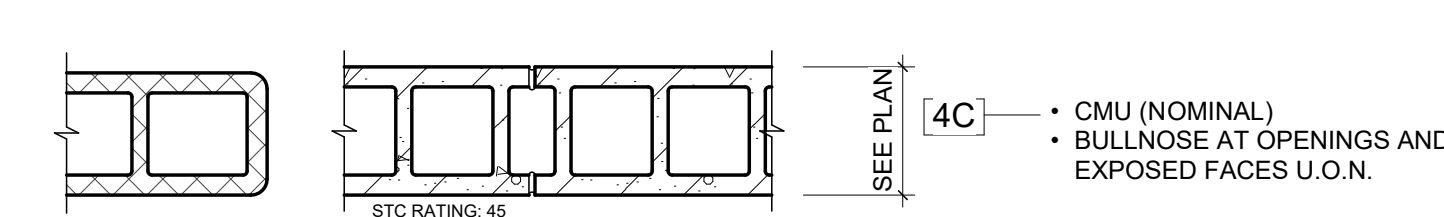


1 OVERALL FIRST FLOOR PLAN
1" = 30'-0"

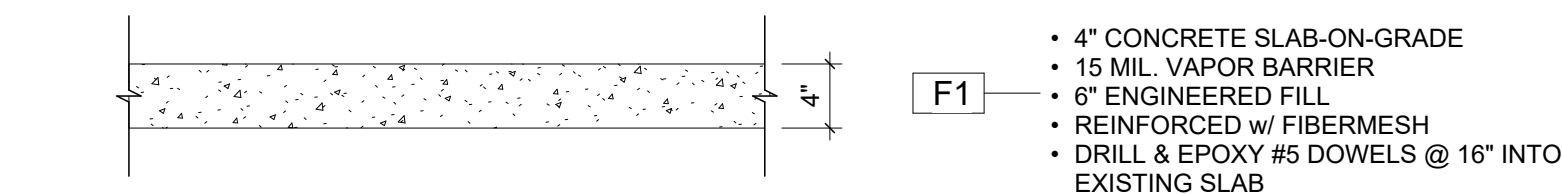
WALL TYPE 9 (DIVISION 9 - INTERIORS)



WALL TYPE 4 (DIVISION 4 - MASONRY)



FLOOR TYPES



ARCHITECTURAL SYMBOLS LEGEND

1 VIEW NAME 1/8" = 1'-0"	REFERENCED CALLOUT		BUILDING SECTION SECTION / DRAWING SHEET
VIEW NAME 1/8" = 1'-0"	PLAN VIEW CALLOUT		WALL SECTION SECTION / DRAWING SHEET
FLOOR LEVEL 100'-0"	ELEVATION NAME AND HEIGHT		DETAIL OR PLAN CALL OUT VIEW NUMBER / DRAWING SHEET
0	GRID SYMBOL		KEYNOTE TAG
0	GRID SYMBOL		DOOR & FRAME TAG
ROOM 101 150 SF	ROOM NAME, NUMBER, & SQUARE FOOTAGE		WINDOW UNIT TAG
ROOM NAME 150 SF	ROOM NAME & SQUARE FOOTAGE		STOREFRONT & CURTAIN WALL TAG
1/A101	INTERIOR ELEVATION REFERENCE		ROOF TYPE TAG
Ref 1/A101 Ref	EXTERIOR BUILDING ELEVATIONS ELEVATION / DRAWING SHEET		WALL TYPE TAG
			FLOOR TYPE TAG
			REVISION NUMBER TAG
			CENTER LINE
			NORTH ARROW



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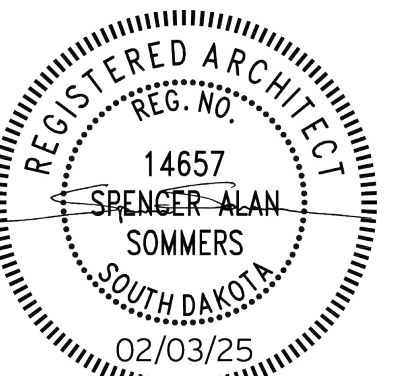
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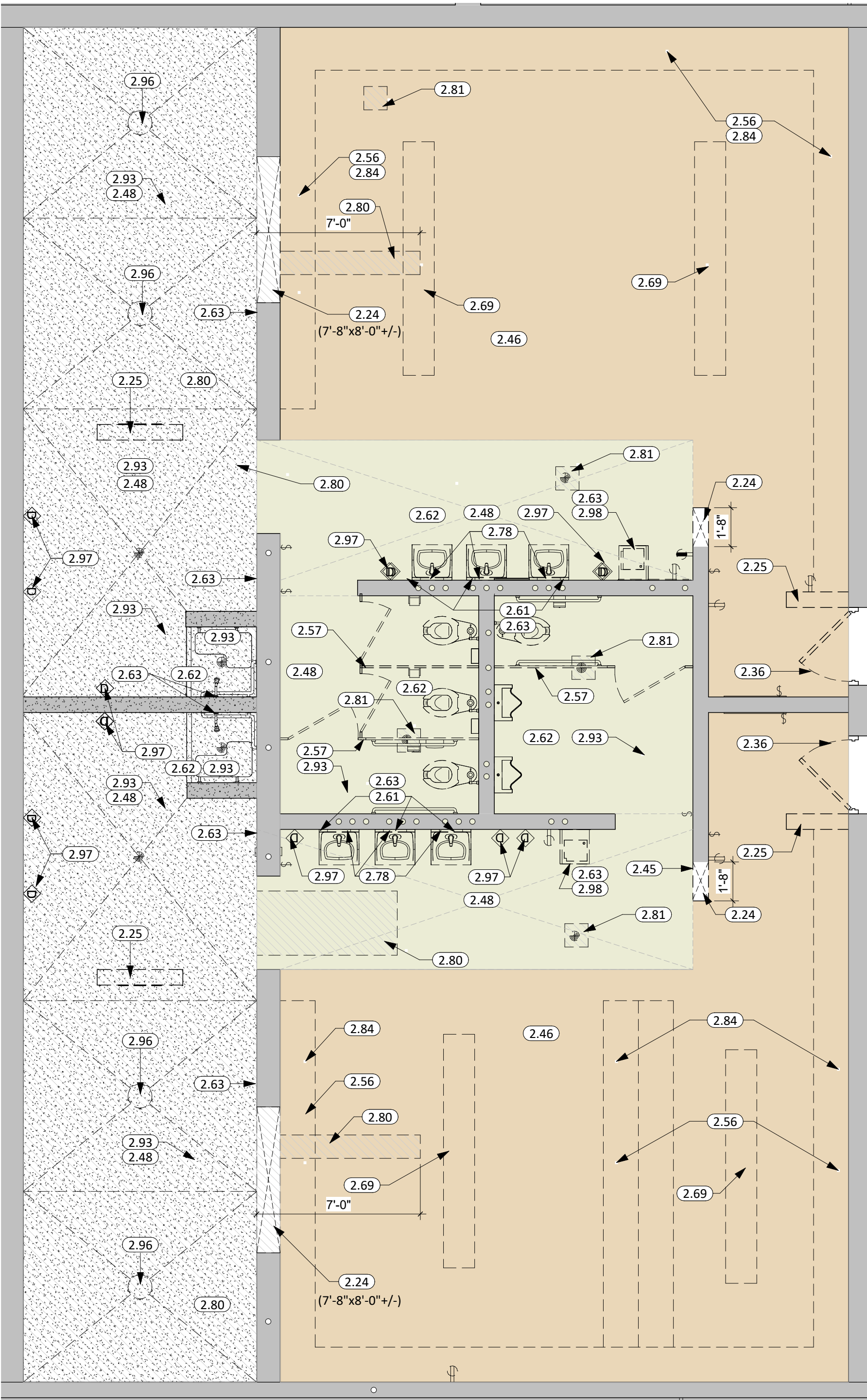
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

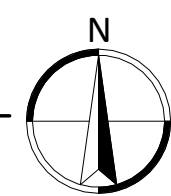
SHEET TITLE:
BUILDING SYSTEMS
INFORMATION

G001



TRACK & FIELD
DEMOLITION PLAN

1 1/4" = 1'-0"



KEYNOTE SCHEDULE	
2.24	REMOVE AND DISPOSE OF PORTION OF MASONRY WALL. PATCH REMAINING WALL, FLOOR, JAMBS, AND/OR HEAD AS NEEDED FOR FINISHED PRODUCT.
2.25	REMOVE AND DISPOSE OF MASONRY WALL. PATCH ADJACENT WALL AS NEEDED FOR FINISHED PRODUCT.
2.36	REMOVE DOOR & H.M. FRAME. PATCH SILL, JAMBS, & HEAD AS NEEDED FOR FINISHED PRODUCT.
2.45	REMOVE MARKER & TACK BOARDS
2.46	REMOVE AND DISPOSE OF CARPET (INCLUDING ALL ADHESIVES)
2.48	REMOVE AND DISPOSE OF CERAMIC/PORCELAIN/QUARRY TILE (INCLUDING ALL ADHESIVES/SETTING MATERIALS)
2.56	REMOVE EXISTING METAL LOCKERS - CONSULT OWNER BEFORE DISPOSAL
2.57	REMOVE AND REINSTALL EXISTING TOILET PARTITIONS AND TOILET ROOM ACCESSORIES AFTER PROPOSED TILE WORK IS COMPLETED.
2.61	WALL CUTTING BY GC FOR CONDUITS SERVING LIGHT FIXTURES AND RECEPTACLES. EC TO COORDINATE WITH GC FOR SIZE, PLACEMENTS, AND EXTENT OF CUTTING AND PATCHING.
2.62	SEE M.E.P. DRAWINGS AND PROJECT MANUAL FOR REMOVAL OF PLUMBING FIXTURES U.N.O.
2.63	COORDINATE WITH M.E.P. FOR WALL CUTTING AND PATCHING FOR REPLACEMENT OF IN WALL COMPONENTS
2.69	REMOVE LOCKER ROOM BENCH - CONSULT OWNER BEFORE DISPOSAL
2.78	REMOVE AND SALVAGE ACCESSORIES
2.80	HATCHED AREA INDICATES CUTTING FLOOR FOR NEW PLUMBING; SEE MEP FOR MORE INFORMATION AND ANY ADDITIONAL AREAS TO BE CUT/PATCHED. COORDINATE FINAL WIDTHS AND LENGTHS OF CUTTING AND PATCHING. FLOOR SHALL BE CUT CLEANLY SO THAT THERE IS A NEAT JOINT WHEN RECEIVING A NEW FLOOR SLAB
2.81	HATCHED AREA INDICATES CUTTING FLOOR AS REQUIRED TO REMOVE EXISTING FLOOR DRAIN. SEE MEP FOR MORE INFORMATION AND ANY ADDITIONAL AREAS TO BE CUT/PATCHED. COORDINATE FINAL WIDTHS AND LENGTHS OF CUTTING AND PATCHING. FLOOR SHALL BE CUT CLEANLY SO THAT THERE IS A NEAT JOINT WHEN RECEIVING A NEW FLOOR SLAB.
2.84	REMOVE AND DISPOSE OF EXISTING LOCKER BASE AS INDICATED
2.93	REMOVE AND DISPOSE OF EXISTING LATH AND PLASTER CEILING
2.96	REMOVE AND DISPOSE OF GANG SHOWER POST
2.97	REMOVE EXISTING ELECTRIC HAND DRYER
2.98	REMOVE EXISTING DRINKING FOUNTAIN

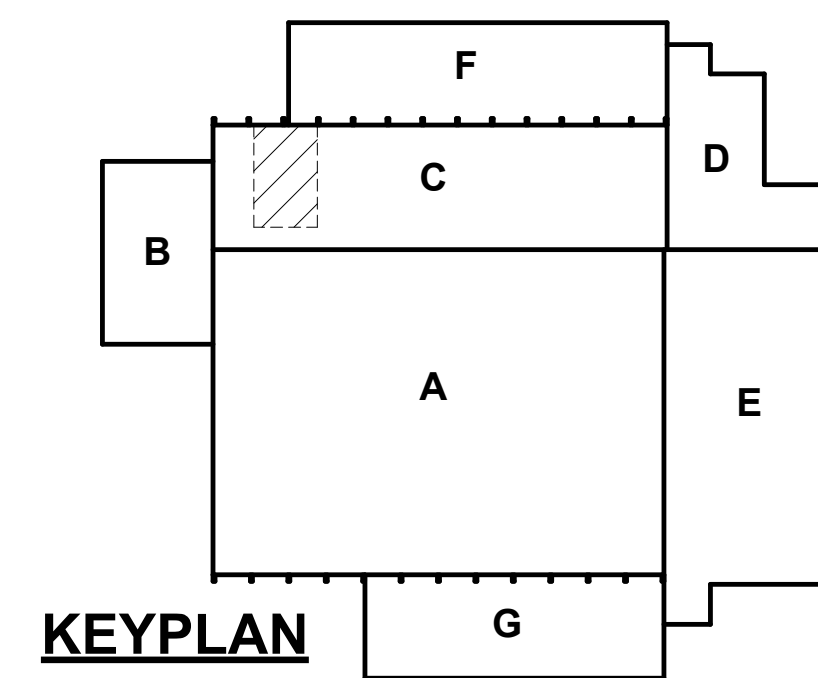
- ### DEMOLITION GENERAL NOTES
- ALL CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
 - THE OWNER'S OPERATIONS WILL CONTINUE DURING DEMOLITION. DEMOLITION CONTRACTOR SHALL NOT INTERFERE WITH THESE OPERATIONS IN ANY WAY WITHOUT THE OWNER'S EXPRESSED CONSENT.
 - PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. PROVIDE BARRICADES AND TEMPORARY WALLS AS NEEDED FOR DUST & NOISE CONTROL.
 - PRIOR TO CUTTING EXISTING CONSTRUCTION, LOCATE AND IDENTIFY SERVICES TO REMAIN IN OPERATION, INCLUDING ALL FLOOR PREPARATION, UNDOCUMENTED CONDITIONS, UTILITY RISERS, ETC. AND ANY WALLS THAT CONTAIN LIFE SAFETY VERTICALS RISERS THAT MUST REMAIN IN OPERATION DURING THE DEMOLITION WORK.
 - PROVIDE SHORING, BRACING AND ANY OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY, AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION.
 - WHERE WATER CLOSETS, FLOOR SINKS OR OTHER EQUIPMENT AND RELATED PIPING ARE TO BE REMOVED, PATCH FLOOR SLAB W/CONCRETE AS REQUIRED TO MATCH EXISTING CONDITIONS.
 - ALL CONCRETE FLOOR SLABS NOTED TO BE REMOVED SHALL BE SAWCUT TO PROVIDE A NEAT JOINT.
 - ALL DEMOLITION SHALL COMPLY WITH APPLICABLE LOCAL CODES, STATE CODES AND ORDINANCES.
 - REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
 - REFER TO MECHANICAL, ELECTRICAL PLANS FOR ADDITIONAL INFORMATION RELEVANT TO DEMOLITION AND PATCHING.
 - CONTRACTOR TO PROTECT EXISTING MATERIALS. SPACES WHICH ARE TO REMAIN OR TO BE REUSED. ALL SURFACES DAMAGED BY DEMOLITION, SHALL BE REPAIRED FOR APPLICATION OF NEW FINISHES OR TO MATCH EXISTING.
 - OWNER TO HAVE ALL AREAS AFFECTED BY INTERIOR REMODEL CLEANED OUT PRIOR TO START OF CONSTRUCTION IN AFFECTED AREAS.
 - DEMOLITION SHALL INCLUDE ALL ITEMS KEYNOTED ON DEMOLITION SHEETS, BUT NOT LIMITED TO THESE ITEMS. ALL CONTRACTORS ARE RESPONSIBLE FOR ALL DEMOLITION NECESSARY TO ALLOW FOR COMPLETION OF THE WORK AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. DEMOLITION OF WALLS INCLUDE ALL ITEMS ATTACHED TO THE WALL. REMOVE ALL MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION, U.O.N. TO BE SALVAGED.
 - ON FLOOR PLANS, DASHED LINES INDICATE WALLS OR PORTIONS OF WALLS TO BE DEMOLISHED. ALL SHADED WALLS REPRESENT EXISTING WALLS TO REMAIN.
 - DEMOLITION DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS AND SITE VERIFICATIONS THAT MAY NOT REFLECT ACTUAL FIELD CONDITIONS. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE SCOPE WITH EACH DISCIPLINE. CONTACT ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
 - REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH WORK REQUIRED IN OTHER AREAS THAT ARE NOT DOCUMENTED TO RECEIVE DEMOLITION/REMOVAL WORK INDICATED ON THE DEMOLITION PLANS.
 - CUT, CLEAN, AND PATCH ALL EXISTING WALLS AND CEILINGS AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS.

MATERIAL REMOVAL LEGEND

2.80/ 2.81		APPROX. 615 SF OF EXISTING CONCRETE FLOOR & FLOOR FINISH TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.46		APPROX. 1,000 SF OF EXISTING CARPET TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.48		APPROX. 408 SF OF EXISTING CERAMIC FLOOR TILE TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.93		APPROX. 580 SF OF EXISTING PLASTER CEILING & FRAMING TO REMOVE. CONTRACTOR TO FIELD VERIFY

DEMOLITION LEGEND

	EXISTING TO REMAIN
	EXISTING WALLS/OBJECTS TO BE REMOVED (WALLS ARE CMU UNLESS OTHERWISE NOTED.)



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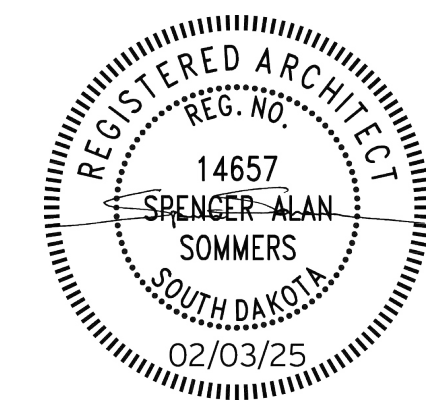
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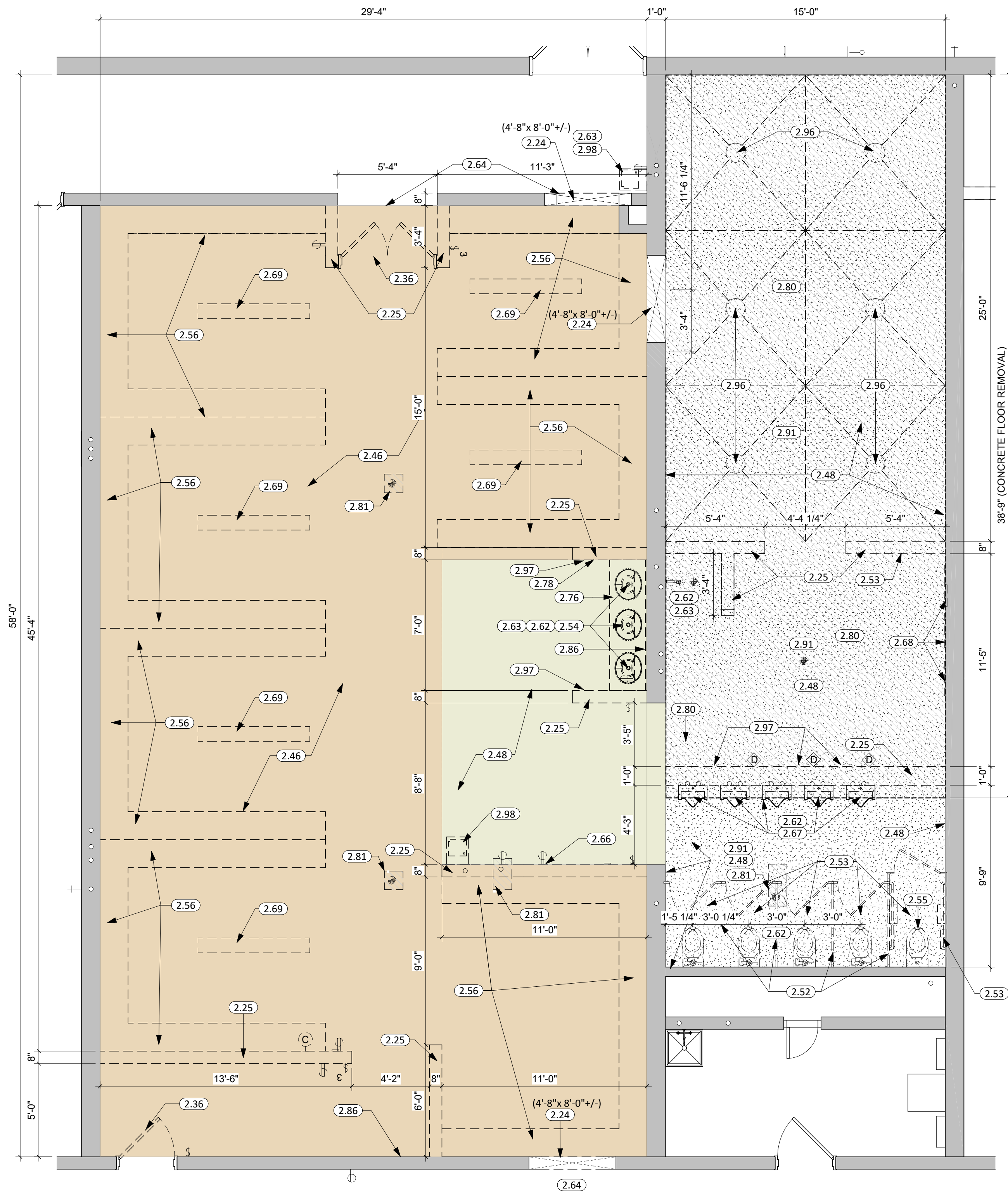
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PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD DEMOLITION
PLAN

D-101



KEYNOTE SCHEDULE	
2.24	REMOVE AND DISPOSE OF PORTION OF MASONRY WALL. PATCH REMAINING WALL, FLOOR, JAMBS, AND/OR HEAD AS NEEDED FOR FINISHED PRODUCT.
2.25	REMOVE AND DISPOSE OF MASONRY WALL. PATCH ADJACENT WALL AS NEEDED FOR FINISHED PRODUCT.
2.36	REMOVE DOOR & H.M. FRAME. PATCH SILL, JAMBS, & HEAD AS NEEDED FOR FINISHED PRODUCT.
2.46	REMOVE AND DISPOSE OF CARPET (INCLUDING ALL ADHESIVES)
2.48	REMOVE AND DISPOSE OF CERAMIC/PORCELAIN/QUARRY TILE (INCLUDING ALL ADHESIVES/SETTING MATERIALS)
2.52	REMOVE TOILET PARTITION
2.53	REMOVE AND SALVAGE TOILET ACCESSORIES
2.54	REMOVE AND DISPOSE OF SINK
2.55	REMOVE AND DISPOSE OF WATER CLOSET
2.56	REMOVE EXISTING METAL LOCKERS - CONSULT OWNER BEFORE DISPOSAL
2.62	SEE M.E.P. DRAWINGS AND PROJECT MANUAL FOR REMOVAL OF PLUMBING FIXTURES U.N.O.
2.63	COORDINATE WITH M.E.P. FOR WALL CUTTING AND PATCHING FOR REPLACEMENT OF IN WALL COMPONENTS
2.64	MODIFY EXISTING ACT AS NEEDED FOR NEW CONSTRUCTION. REMOVE & REINSTALL TILES WHERE NEEDED TO PREVENT DAMAGE DURING CONSTRUCTION. SALVAGE UNUSED TILE TO REPLACE ANY TILES DAMAGED FROM CONSTRUCTION.
2.66	REMOVE ALL MARKERBOARDS AND TACKBOARDS, PATCH EXISTING WALL AS REQUIRED TO MATCH EXISTING.
2.67	REMOVE & RELOCATE URINAL AS NOTED IN MEP DRAWINGS
2.68	REMOVE EXISTING ACCESS PANELS & PATCH OPENING TO MATCH SURROUNDING AREA
2.69	REMOVE LOCKER ROOM BENCH - CONSULT OWNER BEFORE DISPOSAL
2.76	REMOVE AND DISPOSE OF COUNTERTOP
2.78	REMOVE AND SALVAGE ACCESSORIES
2.80	HATCHED AREA INDICATES CUTTING FLOOR FOR NEW PLUMBING; SEE MEP FOR MORE INFORMATION AND ANY ADDITIONAL AREAS TO BE CUT/PATCHED. COORDINATE FINAL WIDTHS AND LENGTHS OF CUTTING AND PATCHING. FLOOR SHALL BE CUT CLEANLY SO THAT THERE IS A NEAT JOINT WHEN RECEIVING A NEW FLOOR SLAB
2.81	HATCHED AREA INDICATES CUTTING FLOOR AS REQUIRED TO REMOVE EXISTING FLOOR DRAIN. SEE MEP FOR MORE INFORMATION AND ANY ADDITIONAL AREAS TO BE CUT/PATCHED. COORDINATE FINAL WIDTHS AND LENGTHS OF CUTTING AND PATCHING. FLOOR SHALL BE CUT CLEANLY SO THAT THERE IS A NEAT JOINT WHEN RECEIVING A NEW FLOOR SLAB.
2.86	REMOVE AND DISPOSE OF EXISTING MIRROR.
2.91	REMOVE EXG. CEILING TO ALLOW FOR MECHANICAL WORK. PATCH UPON COMPLETION OF WORK.
2.96	REMOVE AND DISPOSE OF GANG SHOWER POST
2.97	REMOVE EXISTING ELECTRIC HAND DRYER
2.98	REMOVE EXISTING DRINKING FOUNTAIN

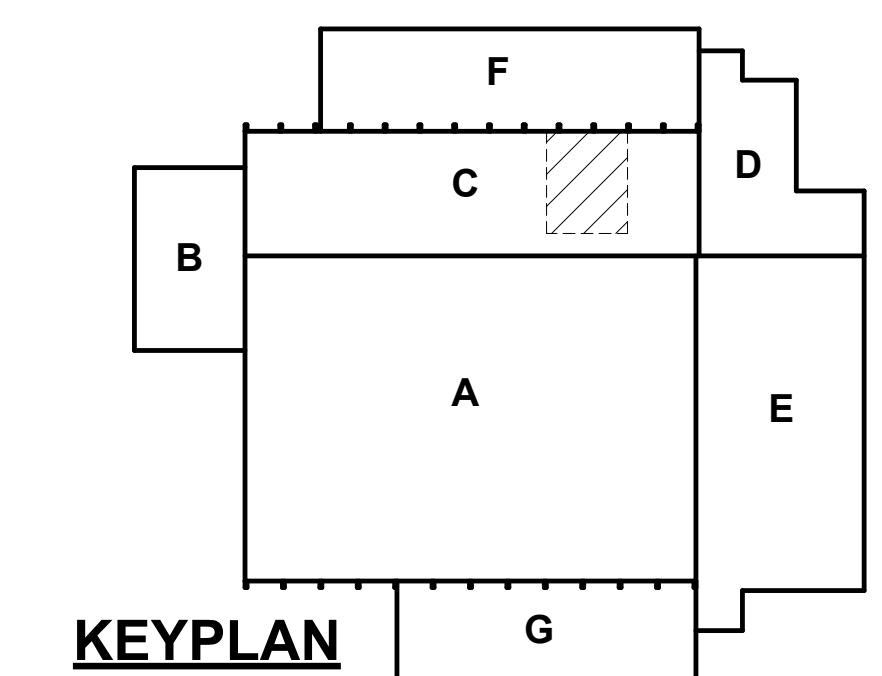
- ### DEMOLITION GENERAL NOTES
- ALL CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
 - THE OWNER'S OPERATIONS WILL CONTINUE DURING DEMOLITION. DEMOLITION CONTRACTOR SHALL NOT INTERFERE WITH THESE OPERATIONS IN ANY WAY WITHOUT THE OWNER'S EXPRESSED CONSENT.
 - PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK. PROVIDE BARRICADES AND TEMPORARY WALLS AS NEEDED FOR DUST & NOISE CONTROL.
 - PRIOR TO CUTTING EXISTING CONSTRUCTION, LOCATE AND IDENTIFY SERVICES TO REMAIN IN OPERATION, INCLUDING ALL FLOOR PREPARATION, UNDOCUMENTED CONDITIONS, UTILITY RISERS, ETC. AND ANY WALLS THAT CONTAIN LIFE SAFETY VERTICALS RISERS THAT MUST REMAIN IN OPERATION DURING THE DEMOLITION WORK.
 - PROVIDE SHORING, BRACING AND ANY OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY, AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION.
 - WHERE WATER CLOSETS, FLOOR SINKS OR OTHER EQUIPMENT AND RELATED PIPING ARE TO BE REMOVED, PATCH FLOOR SLAB W/CONCRETE AS REQUIRED TO MATCH EXISTING CONDITIONS.
 - ALL CONCRETE FLOOR SLABS NOTED TO BE REMOVED SHALL BE SAWCUT TO PROVIDE A NEAT JOINT.
 - ALL DEMOLITION SHALL COMPLY WITH APPLICABLE LOCAL CODES, STATE CODES AND ORDINANCES.
 - REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
 - REFER TO MECHANICAL, ELECTRICAL PLANS FOR ADDITIONAL INFORMATION RELEVANT TO DEMOLITION AND PATCHING.
 - CONTRACTOR TO PROTECT EXISTING MATERIALS. SPACES WHICH ARE TO REMAIN OR TO BE REUSED. ALL SURFACES DAMAGED BY DEMOLITION, SHALL BE REPAIRED FOR APPLICATION OF NEW FINISHES OR TO MATCH EXISTING.
 - OWNER TO HAVE ALL AREAS AFFECTED BY INTERIOR REMODEL CLEANED OUT PRIOR TO START OF CONSTRUCTION IN AFFECTED AREAS.
 - DEMOLITION SHALL INCLUDE ALL ITEMS KEYNOTED ON DEMOLITION SHEETS, BUT NOT LIMITED TO THESE ITEMS. ALL CONTRACTORS ARE RESPONSIBLE FOR ALL DEMOLITION NECESSARY TO ALLOW FOR COMPLETION OF THE WORK AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. DEMOLITION OF WALLS INCLUDE ALL ITEMS ATTACHED TO THE WALL. REMOVE ALL MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION, U.O.N. TO BE SALVAGED.
 - ON FLOOR PLANS, DASHED LINES INDICATE WALLS OR PORTIONS OF WALLS TO BE DEMOLISHED. ALL SHADED WALLS REPRESENT EXISTING WALLS TO REMAIN. DEMOLITION DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS AND SITE VERIFICATIONS THAT MAY NOT REFLECT ACTUAL FIELD CONDITIONS. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND COORDINATE SCOPE WITH EACH DISCIPLINE. CONTACT ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
 - REFER TO FINISH SCHEDULE FOR ADDITIONAL FINISH WORK REQUIRED IN OTHER AREAS THAT ARE NOT DOCUMENTED TO RECEIVE DEMOLITION/REMOVAL WORK INDICATED ON THE DEMOLITION PLANS.
 - CUT, CLEAN, AND PATCH ALL EXISTING WALLS AND CEILINGS AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS.

MATERIAL REMOVAL LEGEND

2.80/2.81	APPROX. 592 SF OF EXISTING CONCRETE FLOOR & FLOOR FINISH TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.46	APPROX. 1,314 SF OF EXISTING CARPET TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.48	APPROX. 180 SF OF EXISTING CERAMIC FLOOR TILE TO REMOVE. CONTRACTOR TO FIELD VERIFY
2.93	APPROX. 718 SF OF EXISTING PLASTER CEILING & FRAMING TO REMOVE. CONTRACTOR TO FIELD VERIFY

DEMOLITION LEGEND

	EXISTING TO REMAIN
	EXISTING WALLS/OBJECTS TO BE REMOVED (WALLS ARE CMU UNLESS OTHERWISE NOTED.)



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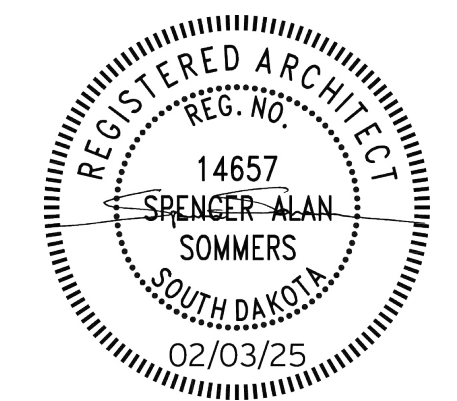
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OSE PROJECT NO: RO124-16X

CO-OP PROJECT NO: 2437



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REV. # REV. DSC. REV. DATE

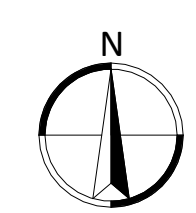
PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

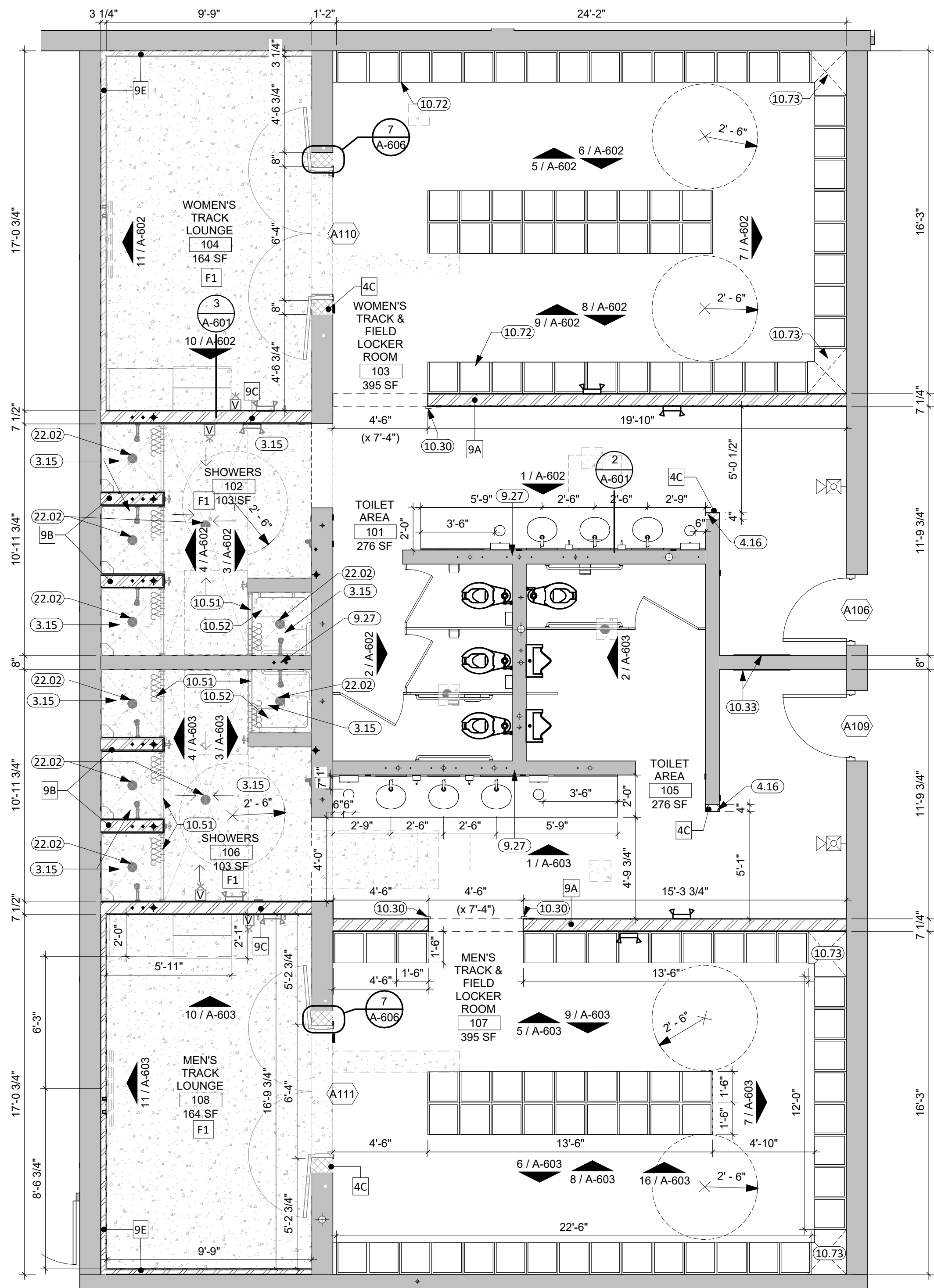
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL
DEMOLITION PLAN

D-102

1 WRESTLING & BASEBALL
DEMOLITION PLAN
1/4" = 1'-0"



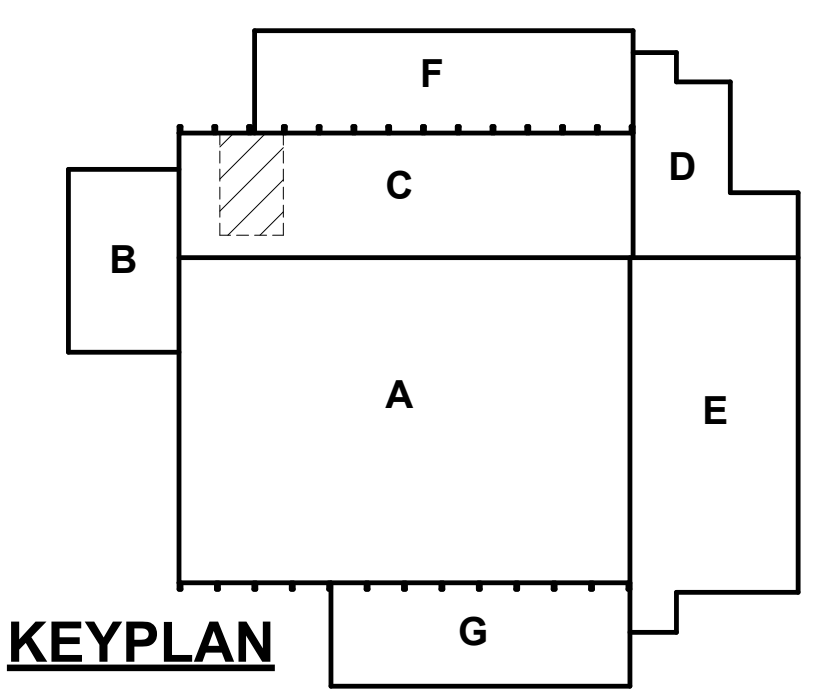


**TRACK & FIELD
PARTIAL FLOOR PLAN**
1
1/4" = 1'-0"

- ### GENERAL NOTES
1. SEE SHEET G000 FOR REQUIRED ADA CLEARANCES & MOUNTING HEIGHTS.
 2. SEE DRAWING SHEET A601 FOR ROOM FINISH SCHEDULE.
 3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
 4. ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES. STUD WALLS TO UTILIZE SLIP TRACKS WHEN ATTACHING TO PRECAST DECK.
 5. ALL DIMENSIONS ARE FROM FACE CMU/GWB TO FACE OF CMU/GWB U.N.O.
 6. INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
 7. COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MECHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
 8. SEE FLOOR PLAN(S) AND INTERIOR ELEVATIONS FOR CASEWORK INFORMATION. FIELD VERIFY DIMENSIONS OF CASEWORK OPENINGS.
 9. PROVIDE COUNTERTOP SUPPORTS AT OPEN SPACES AT MINIMUM OF 32" ON CENTER AND MAXIMUM OF 36" ON CENTER.
 10. COORDINATE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL AND ELECTRICAL.
 11. MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS AND SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
 12. PROVIDE FINISHED END ALL PANELS AT EXPOSED MILLWORK SURFACES.
 13. CAULK PERIMETER OF TOILETS, URINALS, SINKS AND COUNTERTOPS AS REQUIRED.
 14. COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
 15. USE SCHLUTER DITRA UNDERLAYMENT UNDER ALL FLOOR TILE.
 16. PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS, CEILINGS, AND ANY WALLS EXPOSED TO MOISTURE.
 17. PREP ALL EXISTING WALLS AS REQUIRED FOR PROPER ADHESION OF NEW WALL TILE.
 18. PATCH RESILIENT WALL BASE AS REQUIRED AT ALL INFILLED OPENINGS AT ALL LOCATIONS. MATCH EXISTING.
 19. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS. CUT, CLEAN, & PATCH ALL EXISTING WALLS AND CEILINGS AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS. (TYP)
 20. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
 21. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS.
 22. DRILL EPOXY HORIZONTAL REINFORCEMENT 6" INTO EXISTING WALL AT ALL LOCATIONS WHERE NEW CMU WALL RUNS INTO EXISTING CMU. PROVIDE BULLNOSE CORNERS AT ALL CMU OPENINGS.

KEYNOTE SCHEDULE

3.15	SLOPE NEW CONCRETE FLOOR SLAB TO DRAIN (1/4" PER FOOT) U.O.N.
4.16	CMU BULLNOSE CORNER UNIT
9.27	CUT, CLEAN, AND PATCH ALL EXISTING WALLS AND CEILINGS AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS.
10.30	CORNER GUARDS
10.33	EXISTING WALL MIRROR TO REMAIN
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.52	SHOWER SEAT W/ GRAB BARS - ADA
10.72	ATHLETIC LOCKERS (SEE PROJECT MANUAL)
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
22.02	FLOOR DRAIN (SEE PLUMBING)



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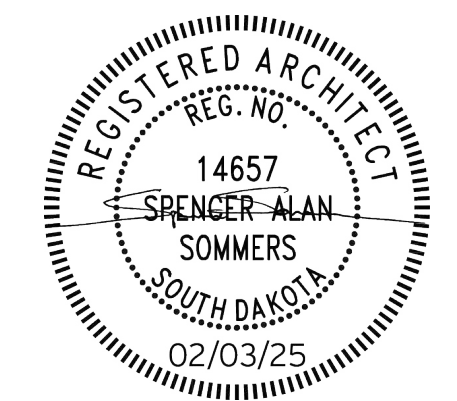
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CO-OP PROJECT NO: 2437



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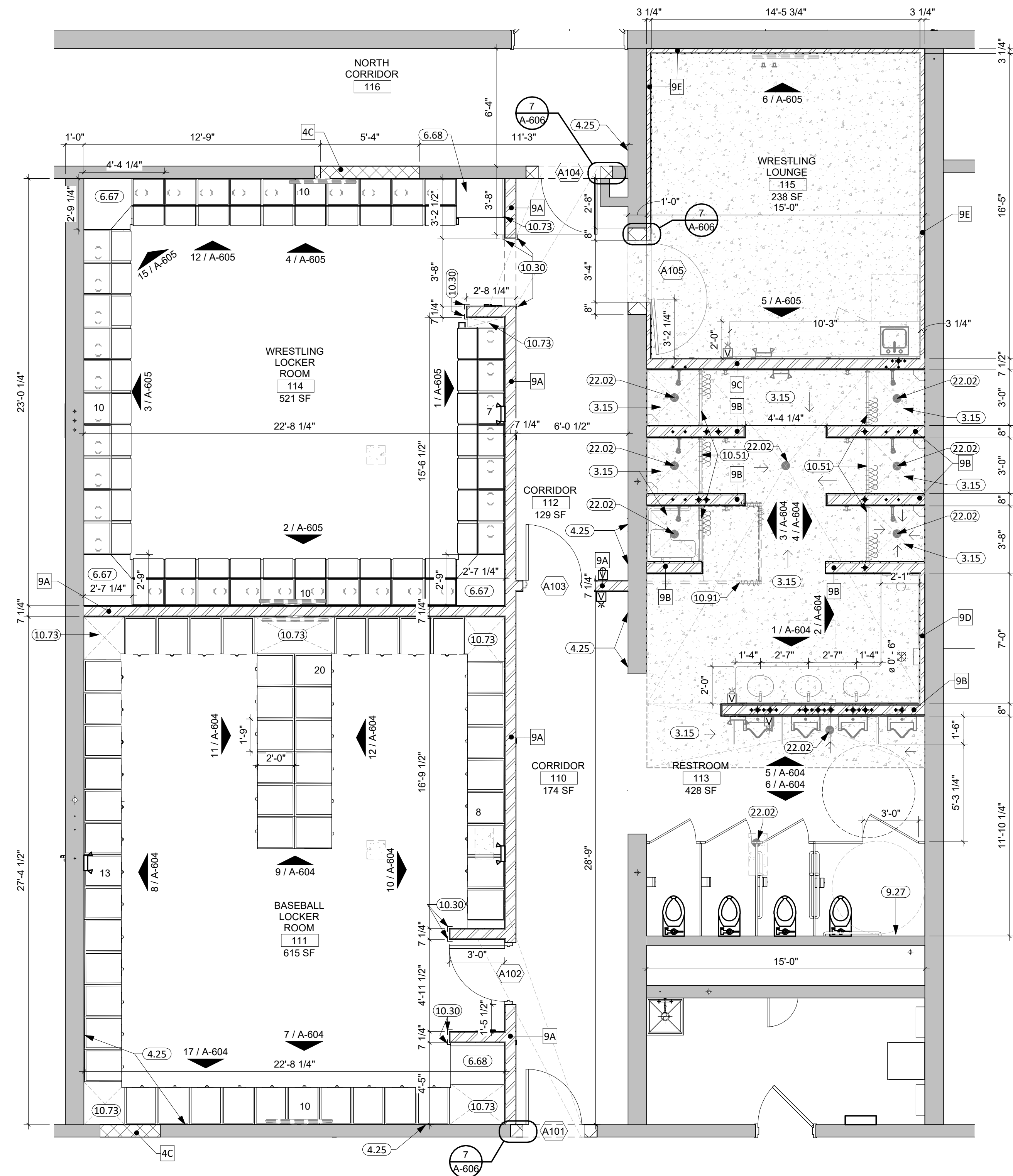
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD FLOOR PLAN

A-101



1 WRESTLING & BASEBALL
PARTIAL FLOOR PLAN
1/4" = 1'-0"



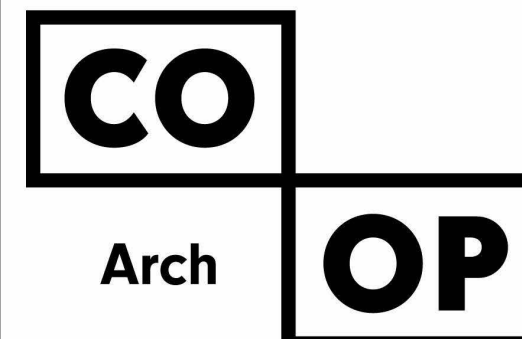
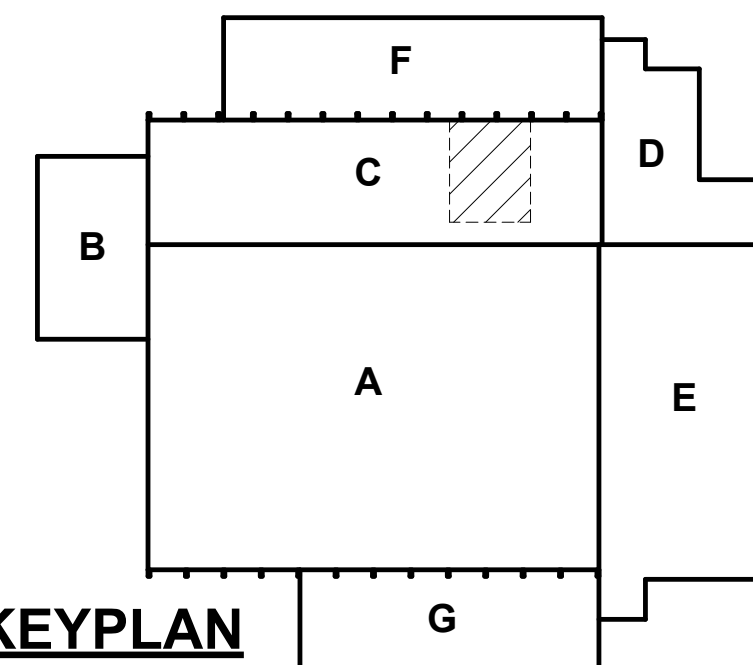
GENERAL NOTES

1. SEE SHEET G000 FOR REQUIRED ADA CLEARANCES & MOUNTING HEIGHTS.
2. SEE DRAWING SHEET A601 FOR ROOM FINISH SCHEDULE.
3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
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8. SEE FLOOR PLAN(S) AND INTERIOR ELEVATIONS FOR CASEWORK INFORMATION. FIELD VERIFY DIMENSIONS OF CASEWORK OPENINGS.
9. PROVIDE COUNTERTOP SUPPORTS AT OPEN SPACES AT MINIMUM OF 32" ON CENTER AND MAXIMUM OF 36" ON CENTER.
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15. USE SCHLUTER DITRA UNDERLAYMENT UNDER ALL FLOOR TILE.
16. PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS, CEILINGS, AND ANY WALLS EXPOSED TO MOISTURE.
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KEYNOTE SCHEDULE

3.15	SLOPE NEW CONCRETE FLOOR SLAB TO DRAIN (1/4" PER FOOT) U.O.N.
4.25	PATCH EXISTING CMU WALL TO MATCH SURROUNDING AREA WHERE WALLS, FIXTURES, OR M.E.P. COMPONENTS HAVE BEEN REMOVED (TYP)
6.67	CUSTOM WOOD CORNER SHELVING TO MATCH SURROUNDING ATHLETIC LOCKERS
6.68	CUSTOM WOOD SHELVING TO MATCH SURROUNDING ATHLETIC LOCKERS
9.27	CUT, CLEAN, AND PATCH ALL EXISTING WALLS AND CEILINGS AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS.
10.30	CORNER GUARDS
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
10.91	CEILING MOUNTED CUBICLE CURTAIN, TRACK, & HOOKS
22.02	FLOOR DRAIN (SEE PLUMBING)

KEYPLAN



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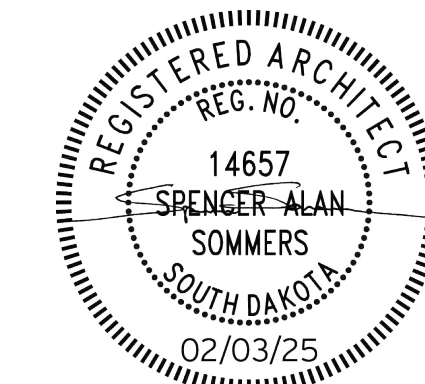
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CO-OP PROJECT NO: 2437



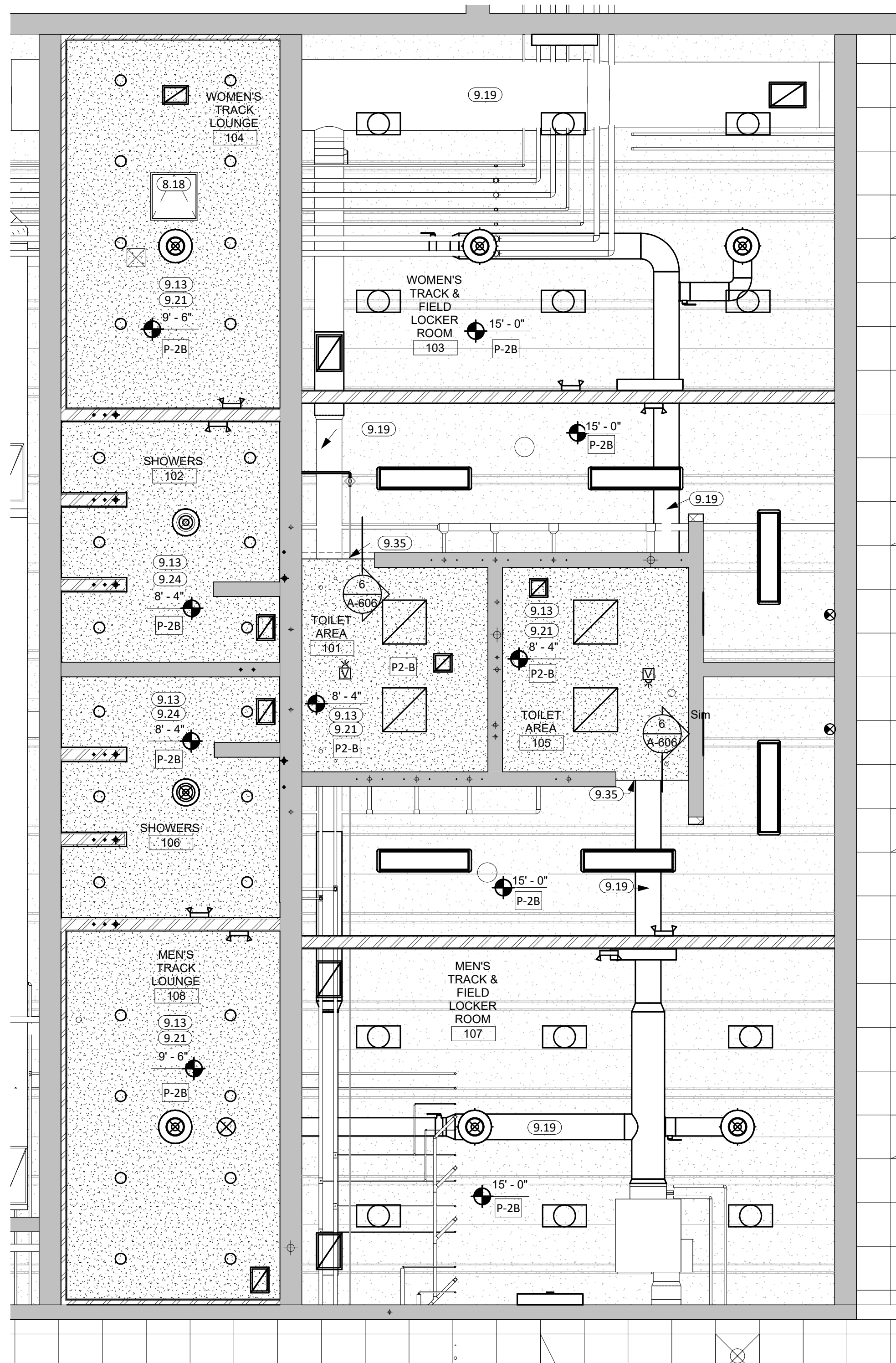
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REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

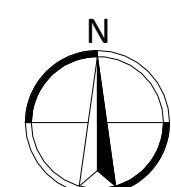
SHEET TITLE:
WRESTLING & BASEBALL
FLOOR PLAN

A-102



TRACK & FIELD -
REFLECTED CEILING PLAN

1/4" = 1'-0"

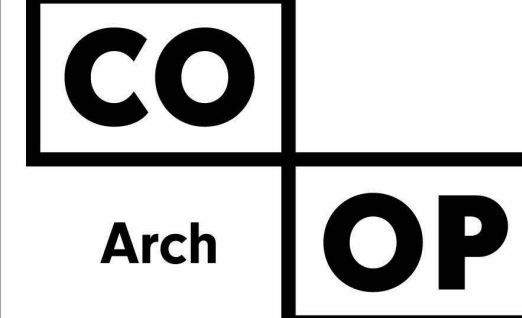


GENERAL NOTES

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3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
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KEYNOTE SCHEDULE

8.18	24"x24" LOCKABLE CEILING ACCESS PANEL - COLOR T.B.D. COORDINATE INSTALLATION LOCATION WITH MEP.
9.13	1 1/2" CARRYING CHANNEL
9.19	EXISTING EXPOSED STRUCTURE PAINTED WITH P-2A
9.21	5/8" GYPSUM BOARD
9.24	5/8" MOISTURE RESISTANT GYPSUM BOARD
9.35	LINE OF GYPSUM WALLBOARD SOFFIT ABOVE



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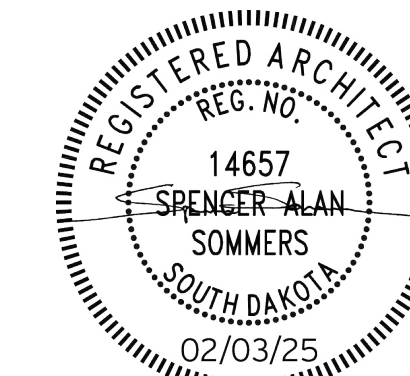
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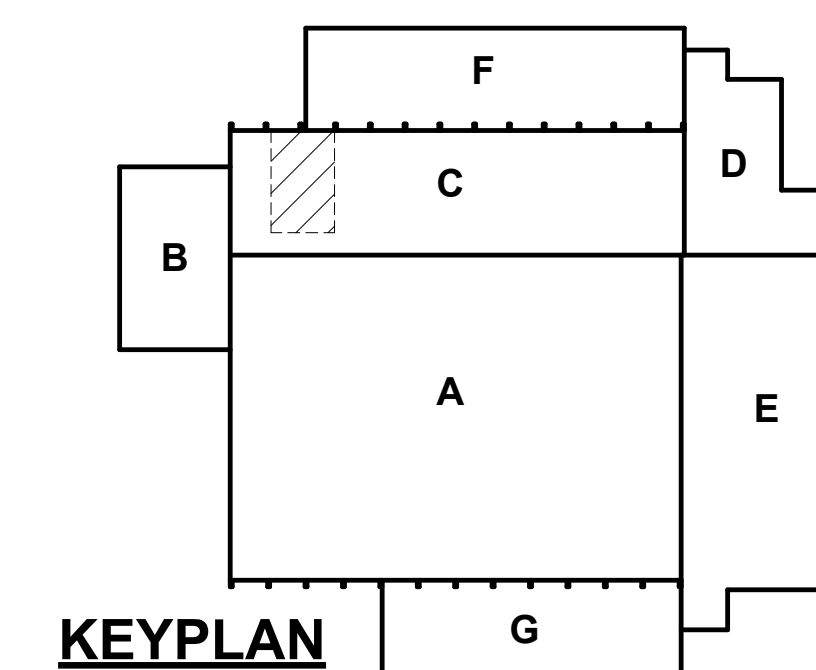
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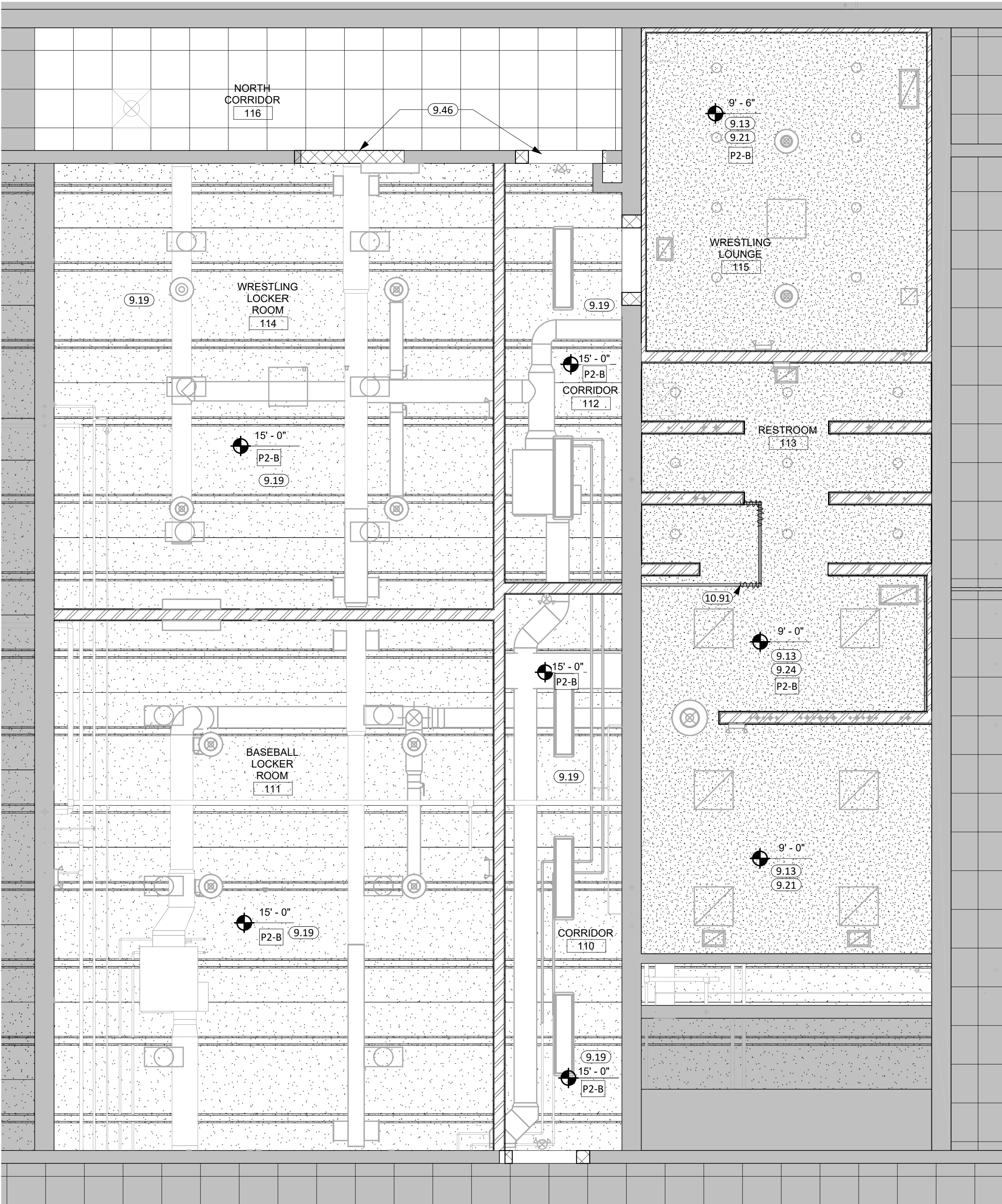
PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD REFLECTED
CEILING PLAN



A-103

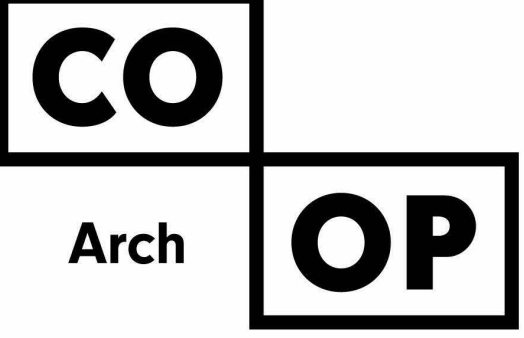


GENERAL NOTES

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2. SEE DRAWING SHEET A601 FOR ROOM FINISH SCHEDULE.
3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
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8. SEE FLOOR PLAN(S) AND INTERIOR ELEVATIONS FOR CASEWORK INFORMATION. FIELD VERIFY DIMENSIONS OF CASEWORK OPENINGS.
9. PROVIDE COUNTERTOP SUPPORTS AT OPEN SPACES AT MINIMUM OF 32" ON CENTER AND MAXIMUM OF 36" ON CENTER.
10. COORDINATE PENETRATIONS AT COUNTERTOPS W/MECHANICAL AND ELECTRICAL.
11. MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS AND SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
12. PROVIDE FINISHED END ALL PANELS AT EXPOSED MILLWORK SURFACES.
13. CAULK PERIMETER OF TOILETS, URINALS, SINKS AND COUNTERTOPS AS REQUIRED.
14. COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
15. USE SCHLUTER DITRA UNDERLAYMENT UNDER ALL FLOOR TILE.
16. PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS, CEILING, AND ANY WALLS EXPOSED TO MOISTURE.
17. PREP ALL EXISTING WALLS AS REQUIRED FOR PROPER ADHESION OF NEW WALL TILE.
18. PATCH RESILIENT WALL BASE AS REQUIRED AT ALL INFILLED OPENINGS AT ALL LOCATIONS. MATCH EXISTING.
19. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS.
20. CUT, CLEAN, & PATCH ALL EXISTING WALLS AND CEILING AFFECTED BY DEMOLITION AND AS REQUIRED FOR NEW OR RELOCATED PLUMBING, HVAC OR ELECTRICAL. RESTORE WALL/CEILING SURFACE TO MATCH EXISTING CONDITIONS, (TYP).
21. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
22. DRILL/EPOXY HORIZONTAL REINFORCEMENT 6" INTO EXISTING WALL AT ALL LOCATIONS WHERE NEW CMU WALL RUNS INTO EXISTING CMU. PROVIDE BULLNOSE CORNERS AT ALL CMU OPENINGS.

KEYNOTE SCHEDULE

9.13	1 1/2" CARRYING CHANNEL
9.19	EXISTING EXPOSED STRUCTURE PAINTED WITH P-2A
9.21	5/8" GYPSUM BOARD
9.24	5/8" MOISTURE RESISTANT GYPSUM BOARD
9.46	MODIFY EXISTING ACT AS NEEDED FOR NEW CONSTRUCTION. REMOVE & REINSTALL TILES WHERE NEEDED TO PREVENT DAMAGE DURING CONSTRUCTION. SALVAGE UNUSED TILES TO REPLACE ANY TILES DAMAGED FROM CONSTRUCTION.
10.91	CEILING MOUNTED CUBICLE CURTAIN, TRACK, & HOOKS



1108 S. Main St. 102
Aberdeen, SD 57401
Phone: 605-725-4852

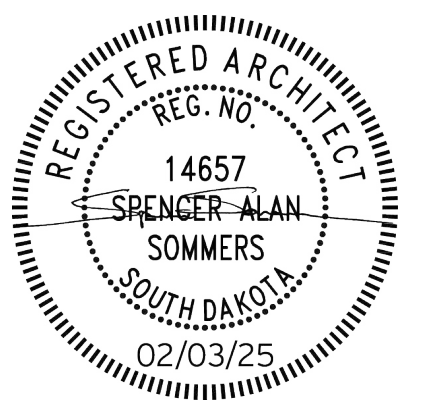
1113 St Joseph Street
Rapid City, SD 57701
Phone: 605-491-2485

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Phone: 605-334-9999

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OSE PROJECT NO: RO124-16X

CO-OP PROJECT NO: 2437



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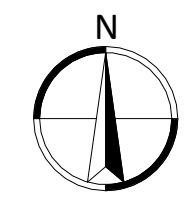
PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

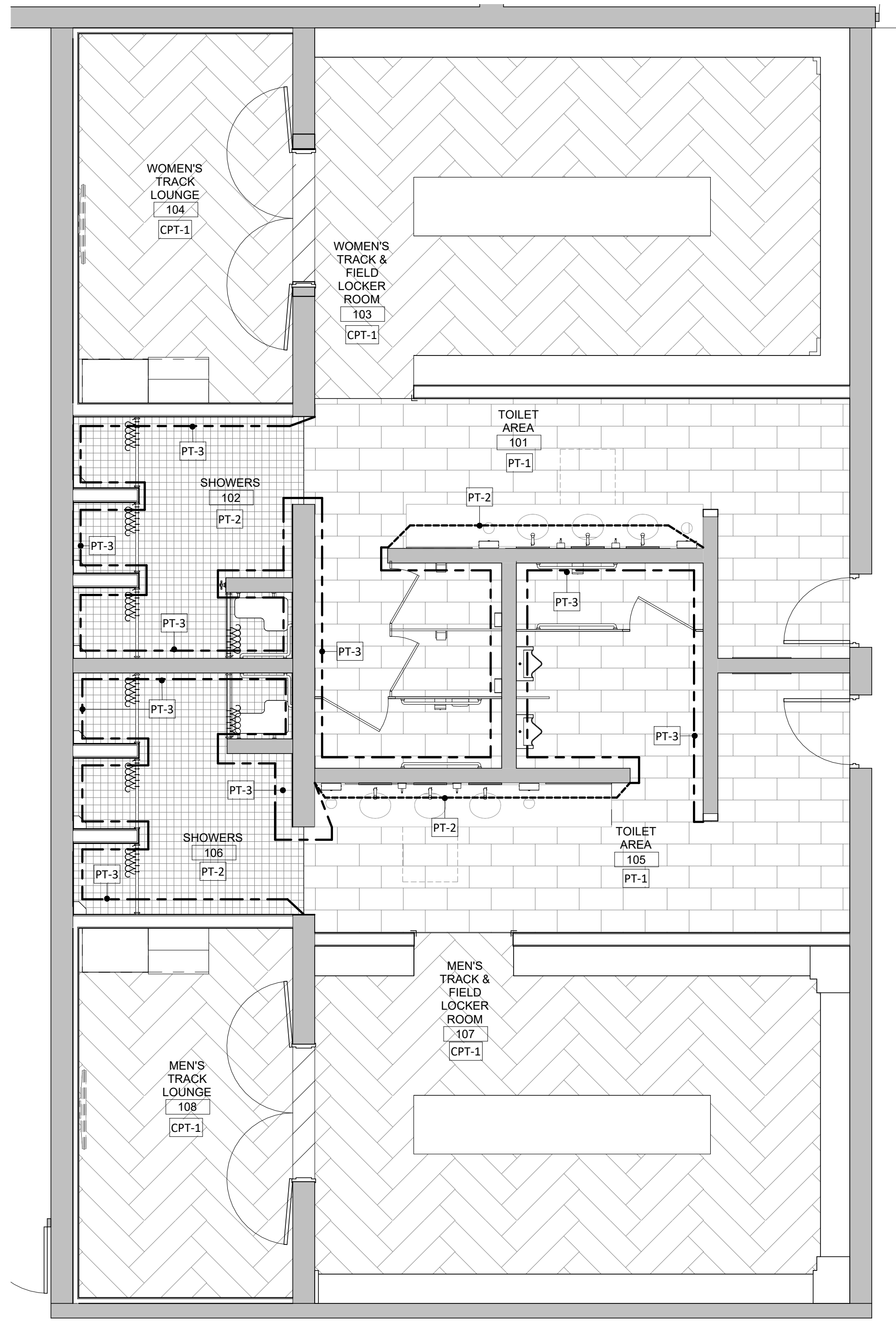
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL
REFLECTED CEILING PLAN

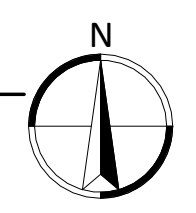
A-104

1 WRESTLING & BASEBALL -
REFLECTED CEILING PLAN
1/4" = 1'-0"





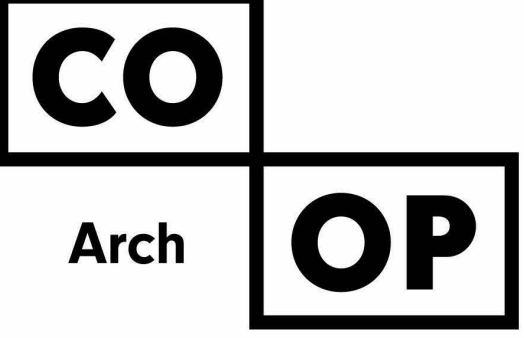
1 TRACK & FIELD PARTIAL FINISH FLOOR PLAN
1/4" = 1'-0"



GENERAL NOTES

1. SEE SHEET G000 FOR REQUIRED ADA CLEARANCES & MOUNTING HEIGHTS.
2. SEE DRAWING SHEET A601 FOR ROOM FINISH SCHEDULE.
3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
4. ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES. STUD WALLS TO UTILIZE SLIP TRACKS WHEN ATTACHING TO PRECAST DECK.
5. ALL DIMENSIONS ARE FROM FACE CMU/GWB TO FACE OF CMU/GWB U.N.O.
6. INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
7. COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MECHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
8. SEE FLOOR PLAN(S) AND INTERIOR ELEVATIONS FOR CASEWORK INFORMATION. FIELD VERIFY DIMENSIONS OF CASEWORK OPENINGS.
9. PROVIDE COUNTERTOP SUPPORTS AT OPEN SPACES AT MINIMUM OF 32" ON CENTER AND MAXIMUM OF 36" ON CENTER.
10. COORDINATE PENETRATIONS AT COUNTERTOPS W/MECHANICAL AND ELECTRICAL.
11. MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS AND SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
12. PROVIDE FINISHED END ALL PANELS AT EXPOSED MILLWORK SURFACES.
13. CAULK PERIMETER OF TOILETS, URINALS, SINKS AND COUNTERTOPS AS REQUIRED.
14. COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
15. USE SCHLUTER DITRA UNDERLAYMENT UNDER ALL FLOOR TILE.
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22. DRILL/EPOXY HORIZONTAL REINFORCEMENT 6" INTO EXISTING WALL AT ALL LOCATIONS WHERE NEW CMU WALL RUNS INTO EXISTING CMU. PROVIDE BULLNOSE CORNERS AT ALL CMU OPENINGS.

KEYNOTE SCHEDULE



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Aberdeen, SD 57401
Phone: 605-725-4852

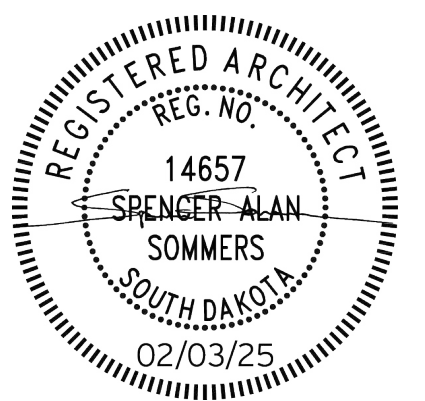
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Rapid City, SD 57701
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Phone: 605-334-9999

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CO-OP PROJECT NO: 2437



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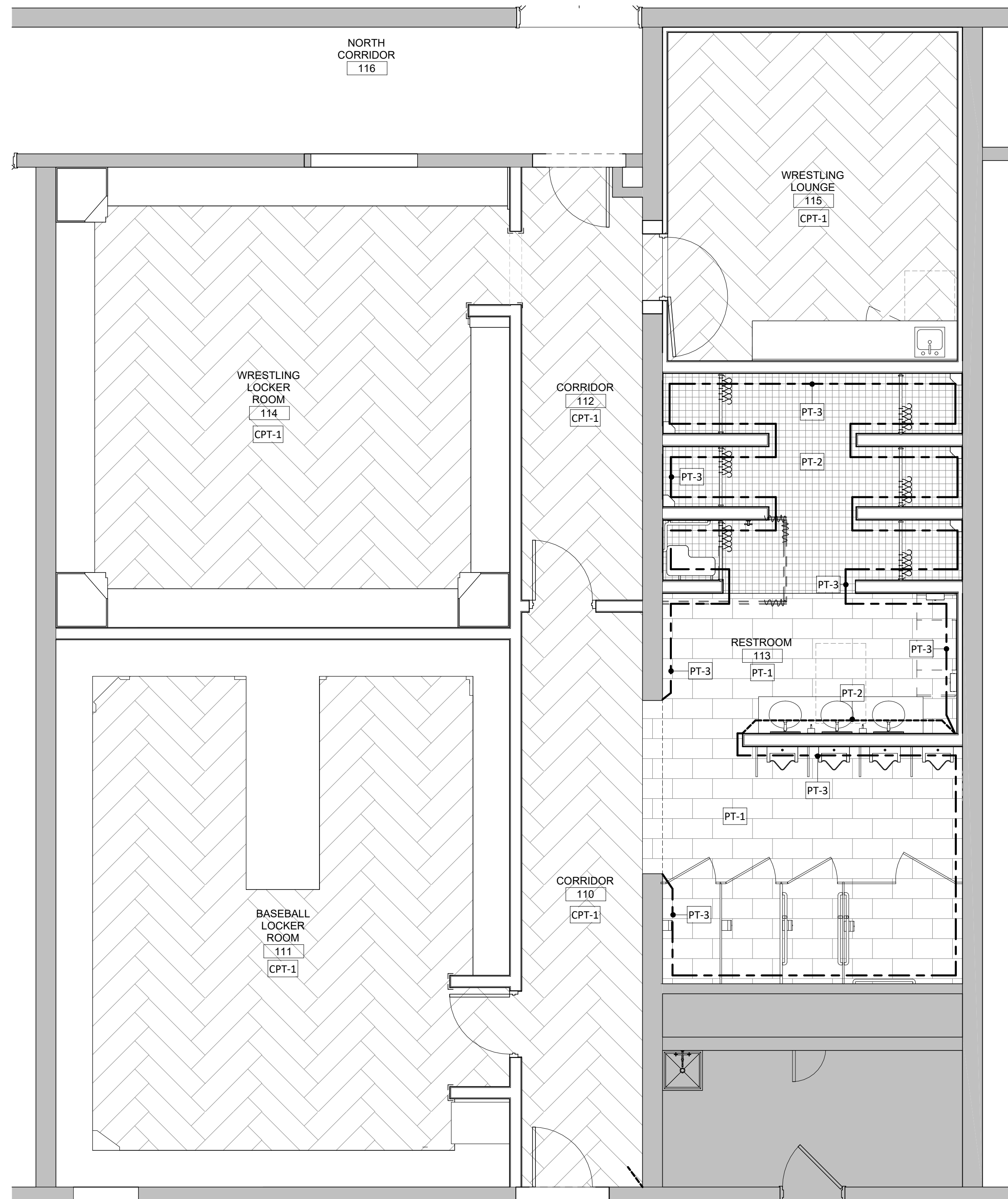
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REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD FLOOR FINISH
PLAN

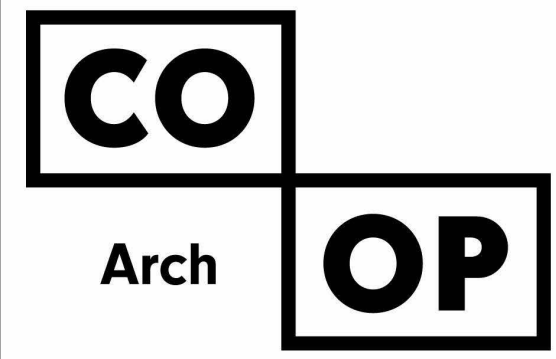
A-105



GENERAL NOTES

1. SEE SHEET G000 FOR REQUIRED ADA CLEARANCES & MOUNTING HEIGHTS.
2. SEE DRAWING SHEET A601 FOR ROOM FINISH SCHEDULE.
3. SEE MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
4. ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES. STUD WALLS TO UTILIZE SLIP TRACKS WHEN ATTACHING TO PRECAST DECK.
5. ALL DIMENSIONS ARE FROM FACE CMU/GWB TO FACE OF CMU/GWB U.N.O.
6. INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
7. COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MECHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
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KEYNOTE SCHEDULE



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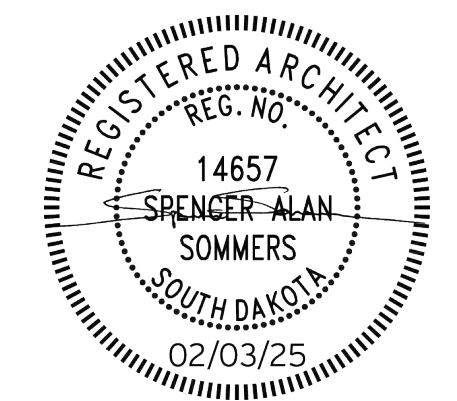
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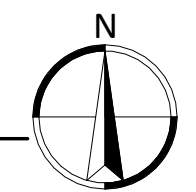
PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

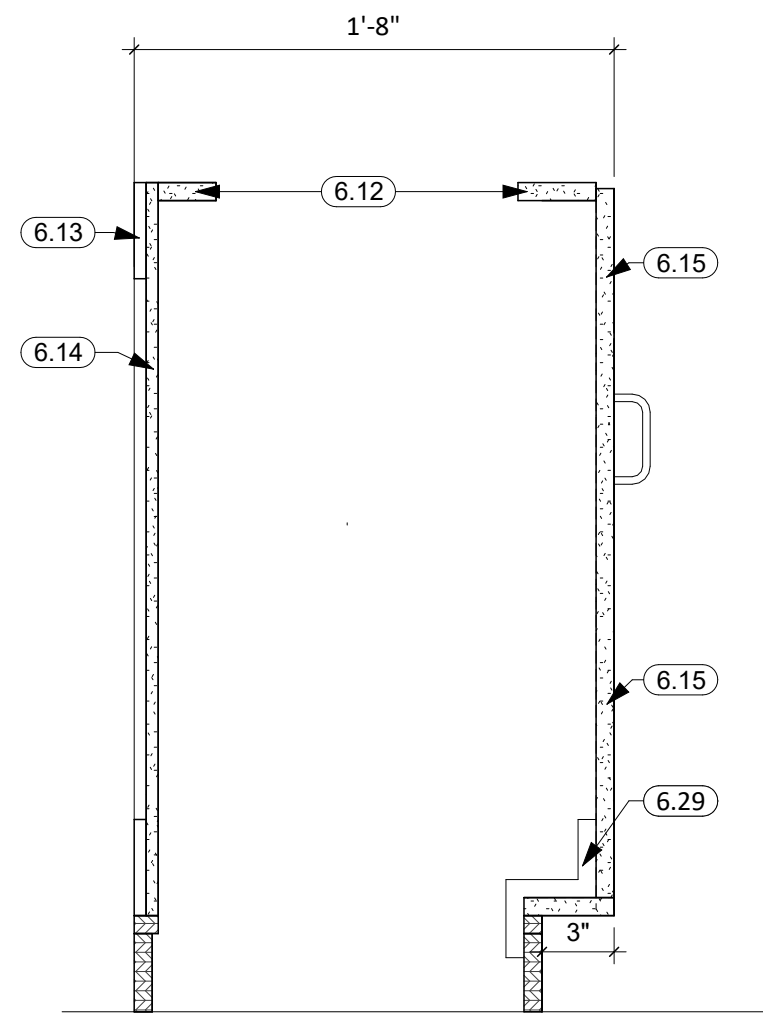
SHEET TITLE:
WRESTLING & BASEBALL
FLOOR FINISH PLAN

A-106

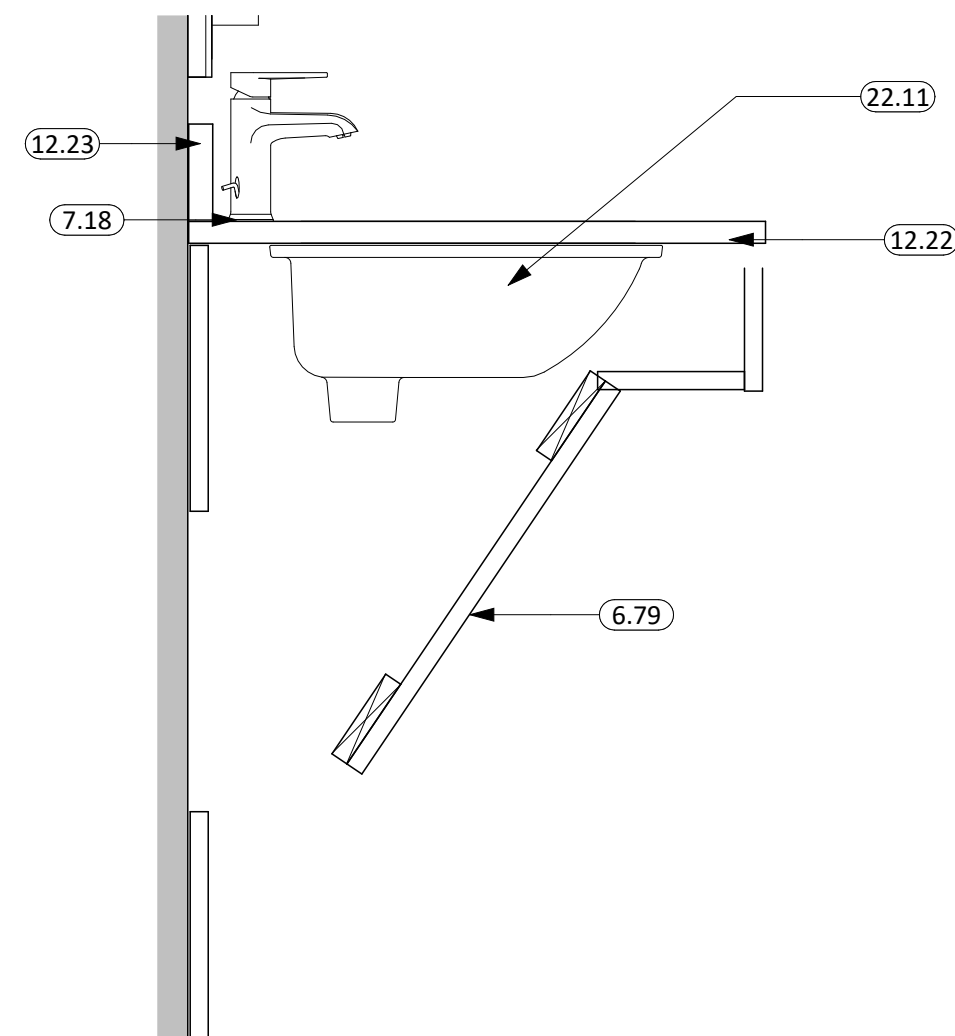
1 WRESTLING & BASEBALL
PARTIAL FLOOR FINISH PLAN
1/4" = 1'-0"



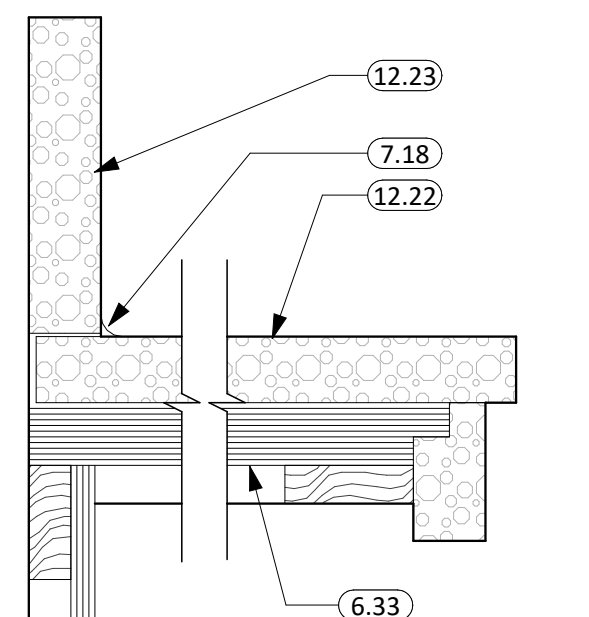
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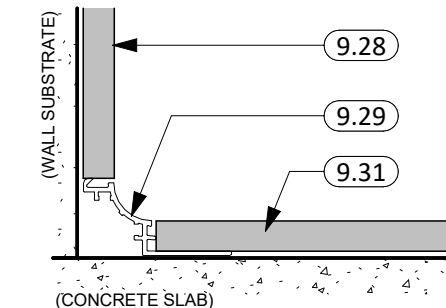
1 TYP. BASE TRASH CABINET
w/ INTEGRATED TOE KICK
1 1/2" = 1'-0"



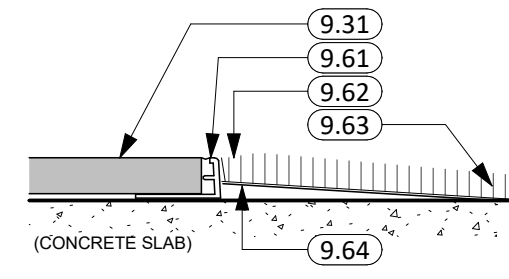
2 ADA SHROUD SINK COUNTER
1 1/2" = 1'-0"



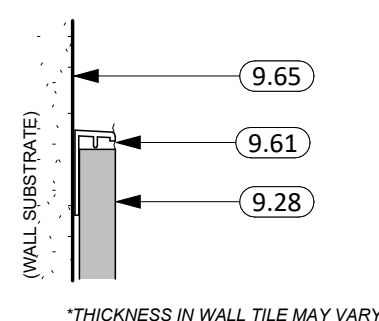
STONE COUNTERTOP
1 1/2" = 1'-0"



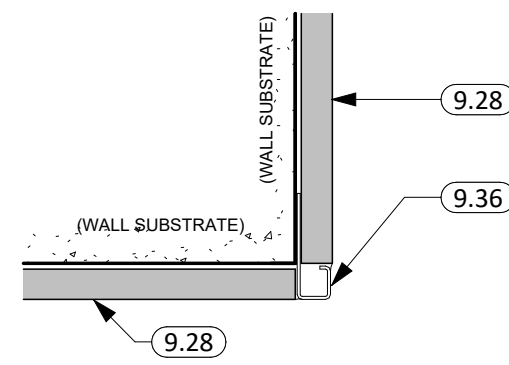
8 TILE FLOOR TO WALL
6" = 1'-0"



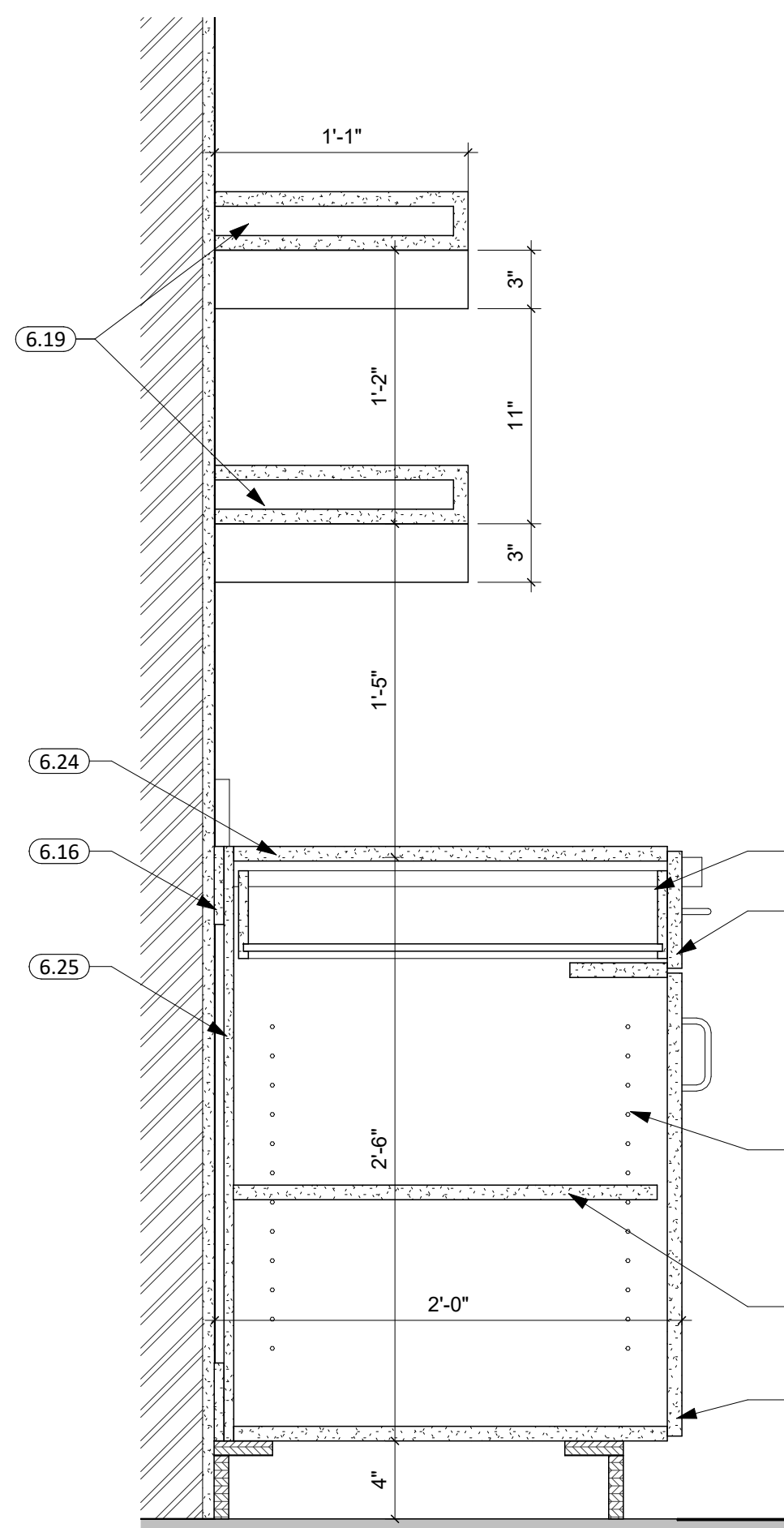
9 TILE TO CARPET
6" = 1'-0"



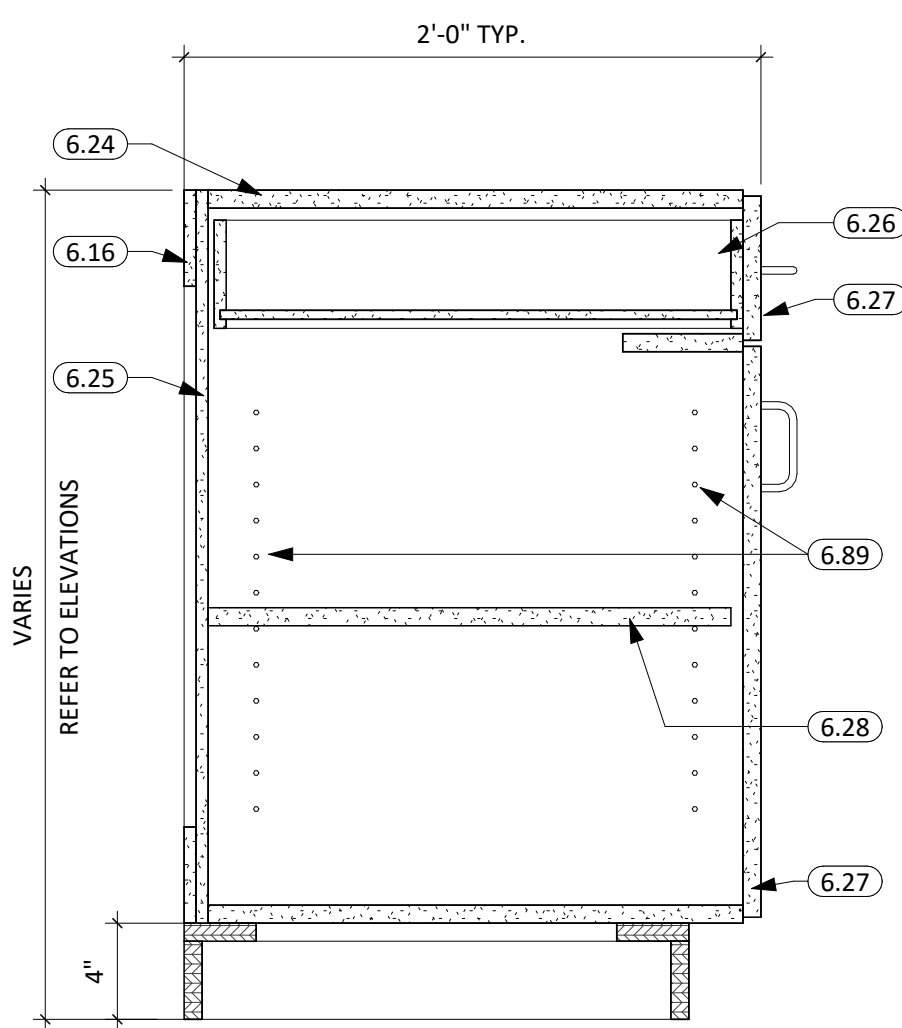
10 WALL TILE TRANSITION
6" = 1'-0"



11 WALL TILE OUTSIDE CORNERS
6" = 1'-0"



3 TRACK LOUNGE CASEWORK
1 1/2" = 1'-0"



4 TYP. BASE CABINET
1 1/2" = 1'-0"

KEYNOTE SCHEDULE

6.12	HEAVY TIMBER FRAMING
6.13	SOLID T&G WOOD DECKING
6.14	HEAVY DUTY CONCEALED FLOATING SHELF BRACKET
6.15	3/4" MELAMINE WITH PLASTIC LAMINATE FINISH
6.16	MELAMINE HANGER
6.19	FLOATING BOX SHELF WITH HIDDEN BRACKET, SPACING AS REQ'D (A&M HARDWARE)
6.24	3/4" MELAMINE TOP
6.25	1/2" MELAMINE BACK
6.26	MELAMINE DRAWER BOX WITH FULLY ENCLOSED BOTTOM
6.27	3/4" PARTICLE BOARD W/ PLASTIC LAMINATE EXTERIOR/INTERIOR
6.28	3/4" MELAMINE ADJUSTABLE SHELF
6.29	INTEGRATED TOE KICK BRACKET
6.33	3/4" PLYWOOD
6.79	REMOVABLE PLASTIC LAMINATE PLUMBING SHROUD
6.89	ADJUSTABLE SHELVING & BRACKETS
7.18	SEALANT AROUND PERIMETER
9.28	WALL TILE OR TILE BASE (SEE FINISH SCHEDULE)
9.29	SCHLUTER 'DILEX-AHK' (OR APPROVED EQUAL)
9.31	PORCELAIN TILE
9.36	SCHLUTER 'QUADEC' (OR APPROVED EQUAL)
9.61	SCHLUTER 'SCHIENE' (OR APPROVED EQUAL)
9.62	SCULPT CARPET EDGE
9.63	SCHEDULED CARPET (SEE FINISH SCHEDULE)
9.64	FLOAT FLOOR AS REQ'D FOR MAX TRANSITION HEIGHT OF 1/4"
9.65	PAINT AS DIRECTED IN FINISH SCHEDULE
12.22	SOLID SURFACE, QUARTZ, GRANITE, MARBLE, OR OTHER STONE COUNTERTOP ON THIN-SET BED
12.23	4" BACKSPLASH OF COUNTERTOP MATERIAL
22.11	LAVATORY

GENERAL NOTES

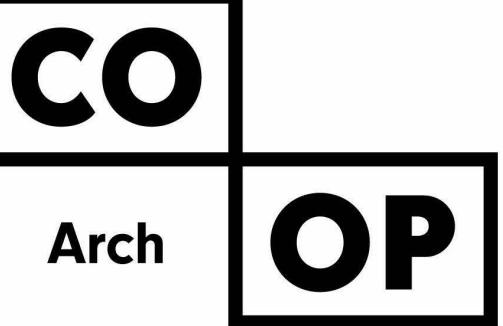
- ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
- ALL DIMENSIONS ARE FROM FACE OF GWB TO FACE OF GWB U.N.O.
- INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
- RESTROOM WALLS ARE SOUND INSULATED AND EXTEND TO THE DECK.
- SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
- VERIFY DRYWALL CONTROL JOINT LOCATIONS W/ ARCHITECT ON SITE PRIOR TO INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROL JOINTS AT 30'-0" O.C. MAX. IN LONG WALL EXPANSES. CONTROL JOINTS AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CONSIDERATION SHALL ALSO BE GIVEN TO LOCATING CONTROL JOINTS FROM FLOOR TO CEILING AT EITHER EDGE OF LARGE WINDOW OPENINGS.
- SEE FLOOR PLAN FOR CASEWORK PLAN INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS. COORDINATE ALL CASEWORK DIMENSIONS WITH OWNER PROVIDED AND CONTRACTOR PROVIDED APPLIANCES/EQUIPMENT.
- COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL.
- PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF 48" O.C.
- PROVIDE FINISHED END PANELS AT ALL EXPOSED MILLWORK SURFACES.
- MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS & SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
- PROVIDE 2x BLOCKING AT ALL GRAB BAR AND FUTURE GRAB BAR LOCATIONS. SEE CODE SHEETS FOR ADDITIONAL BLOCKING INFORMATION.
- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
- PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS AND ANY WALLS EXPOSED TO MOISTURE.
- PROVIDE GLASS-MATTE FACED GYPSUM SHEATHING BEHIND TILE FINISHES AT ALL SHOWERS AND BATHTUBS.
- REFER TO SHEET G001 FOR ALL ADA CODE STANDARDS.
- GC TO CLEAN/PREP. AND PAINT ALL EXPOSED HVAC UNITS.

FINISH LEGEND

TYPE	MARK	MANUFACTURER	REP CONTACT	STYLE	COLOR	SIZE	SPEC	INSTALL	NOTES
FLOORING & TILING									
CARPET	CPT-1	J-J COMMERCIAL	DOMINICK HAMMER DOMINICK.HAMMER@JFLOORING.COM	STORYLINE (3005)	DRAMA (7589)	12" X 48"	096813	HERRINGBONE	-
CERAMIC & PORCELAIN	PT-1	KATE-LO TILE	BRYCE BONET BRYCE@KATELO TILE.COM	CRAFT	QUILT	12" X 24"	093000	1/3 OFFSET	MAPEI GROUT COLOR: 107 IRON
	PT-2	KATE-LO TILE	BRYCE BONET BRYCE@KATELO TILE.COM	CRAFT	QUILT BASKET WEAVE	2" X 2" MOSAIC	093000	-	MAPEI GROUT COLOR: 107 IRON
	PT-3	KATE-LO TILE	BRYCE BONET BRYCE@KATELO TILE.COM	CRAFT	COTTON	12" X 24"	093000	STACKED	MAPEI GROUT COLOR: 107 IRON
PAINT & WALL COVERINGS									
PAINT	P-1	SHERWIN WILLIAMS	CHARLES J SCHONHARDT CHARLES.J.SCHONHARDT@SHERWIN.COM	PRE-CATALYZED WATERBASED EPOXY EG-SHEL (K45-2150 SERIES)	SNOWBOUND (SW7004)	-	099000	-	SHERWIN WILLIAMS COLOR - EGG SHELL FINISH / P-1 TO BE PAINTED ON WALL AT 10'-0" AND BELOW - U.N.O.
	P-2A	SHERWIN WILLIAMS	CHARLES J SCHONHARDT CHARLES.J.SCHONHARDT@SHERWIN.COM	PRE-CATALYZED WATERBASED EPOXY EG-SHEL (K45-2150 SERIES)	TRICORN BLACK (SW6258)	-	099000	-	SHERWIN WILLIAMS COLOR - EGG SHELL FINISH / P-2A TO BE PAINTED ON WALL AT 10'-0" AND ABOVE - U.N.O.
	P-2B	BENJAMIN MOORE	-	LATEX DRY FALL FLAT 395	TRICORN BLACK (SW6258)	-	099000	-	SHERWIN WILLIAMS COLOR - FLAT BLACK / P-2B TO PAINT ALL EXPOSED DUCT WORK AND STRUCTURE AT 10'-0" AND ABOVE / CLEAN ALL DUCT WORK PRIOR TO PAINTING
WALL BASE, TRANSITIONS & MISC. TRIMS									
VINYL COVE BASE	VB-1	VPI	GLORIA TOUTENHOOFD GMTOUTENHOOFD@VPICORP.COM	VINYL COVE BASE	GRAPHITE (35)	4" HIGH	096519	-	-
TILE BASE	TB-1	KATE-LO TILE	BRYCE BONET BRYCE@KATELO TILE.COM	CRAFT	QUILT	12" X 24"	093000	-	CUT 6" HIGH / ALIGN WITH WALL TILE
SCHLUTER	-	SCHLUTER SYSTEMS	KAYLA KEENAN KKEENAN@SCHLUTER.COM	ALL TRANSITIONS	ANODIZED ALUMINUM	-	093000	-	-
MILLWORK									
LAMINATE	PL-1	FORMICA	JILL PELTIER JILL.PELTIER@WURTHBSC.COM	PLASTIC LAMINATE	RAW BIRCHPLY (8910)	-	061800	-	-
STONE & SOLID SURFACE	SS-1	FORMICA	JILL PELTIER JILL.PELTIER@WURTHBSC.COM	SOLID SURFACE	LUNA STORM (775)	-	123600	-	-
MISCELLANEOUS									
PARTITIONS	TP-1	SCRANTON	MIKE BURKE MIKE.BURKE@AZEKCO.COM	HINYHINDERS	BLACK	-	102113.19	-	ORANGE PEEL FINISH
CORNER GAURDS	CG-1	INPRO	TODD THOMA - TTHOMA@INPROCORP.COM	HIGH IMPACT	BLACK	4'	102601	-	-

ROOM FINISH SCHEDULE

RM#	NAME	FLR FIN.	BASE FIN.	WALL FIN.	CLG FIN.	NOTES
101	TOILET AREA	PT-1	TB-1	PT-3 / PT-2 / P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
102	SHOWERS	PT-1	TB-1	PT-3	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
103	WOMEN'S TRACK & FIELD LOCKER ROOM	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
104	WOMEN'S TRACK LOUNGE	CPT-1	VB-1	P-1	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
105	TOILET AREA	PT-1	TB-1	PT-3 / PT-2 / P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
106	SHOWERS	PT-1	TB-1	PT-3	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
107	MEN'S TRACK & FIELD LOCKER ROOM	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
108	MEN'S TRACK LOUNGE	CPT-1	VB-1	P-1	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
110	CORRIDOR	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
111	BASEBALL LOCKER ROOM	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
112	CORRIDOR	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
113	RESTROOM	PT-1	TB-1	PT-3 / PT-2 / P-1	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
114	WRESTLING LOCKER ROOM	CPT-1	VB-1	P-1 / P-2A	P-2B	SEE ELEVATIONS FOR PAINT LOCATIONS
115	WRESTLING LOUNGE	CPT-1	VB-1	P-1	P-1	SEE ELEVATIONS FOR PAINT LOCATIONS
116	NORTH CORRIDOR	CPT-1	VB-1	P-1	P-1	MATCH EXISTING



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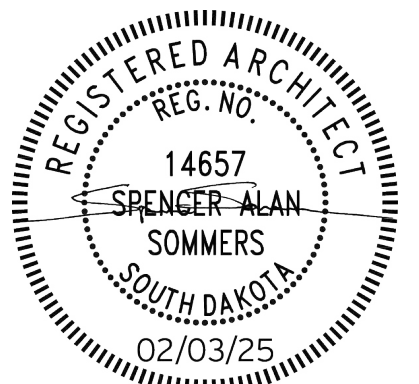
1113 St. Joseph Street
Rapid City, SD 57701
Phone: 605-491-2485

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Sioux Falls, SD 57104
Phone: 605-334-9999

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OSE PROJECT NO: RO124--16X

CO-OP PROJECT NO: 2437



ISSUE:
2/3/2025 100% CONSTRUCTION DOCUMENTS

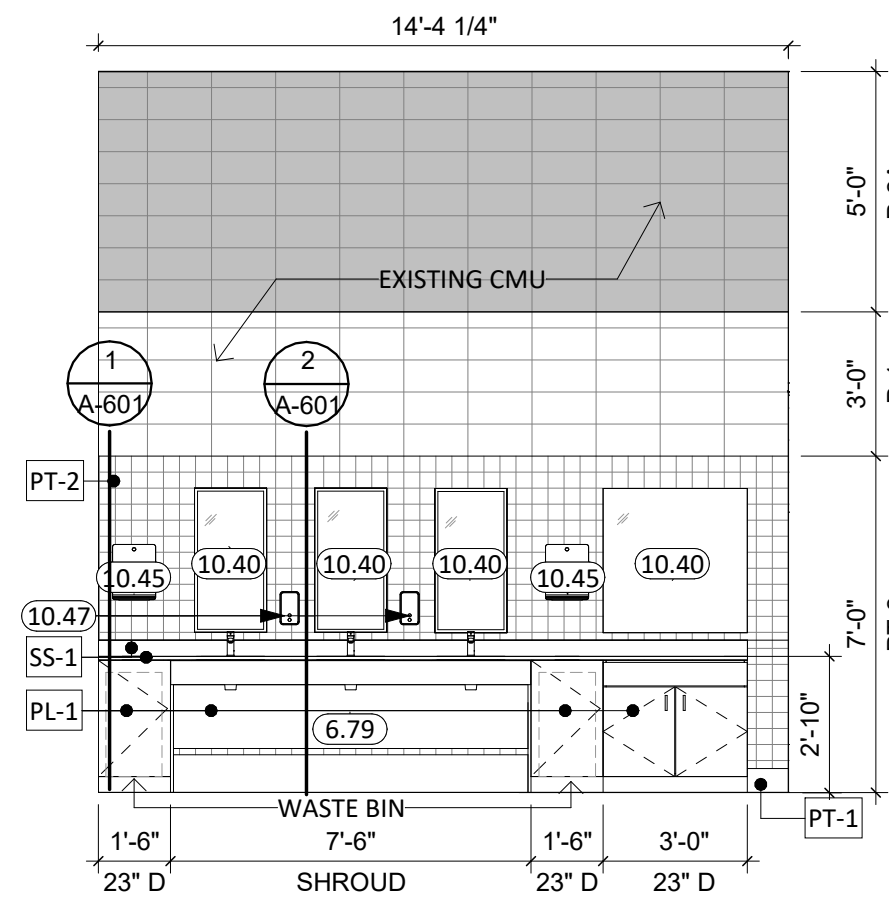
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

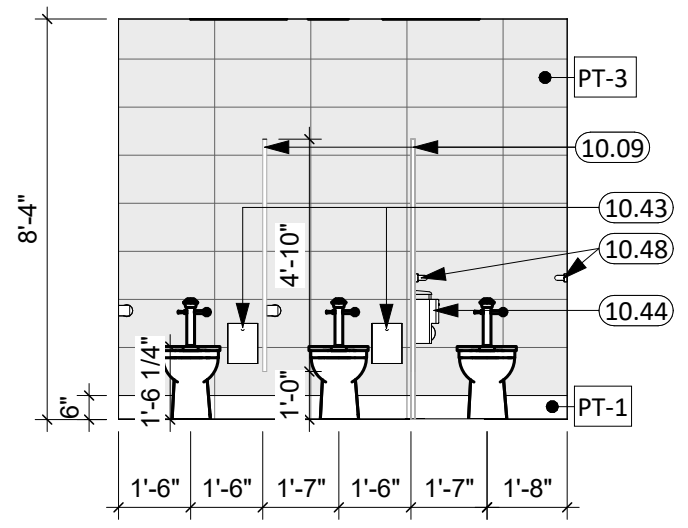
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
FINISH SCHEDULE & ROOM
SCHEDULE

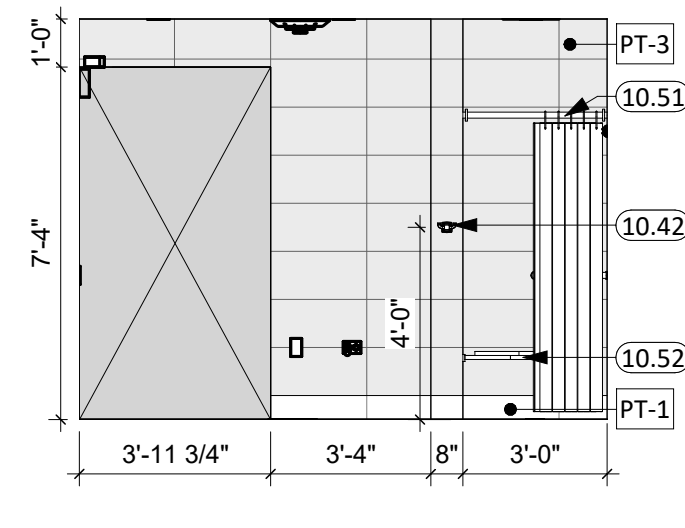
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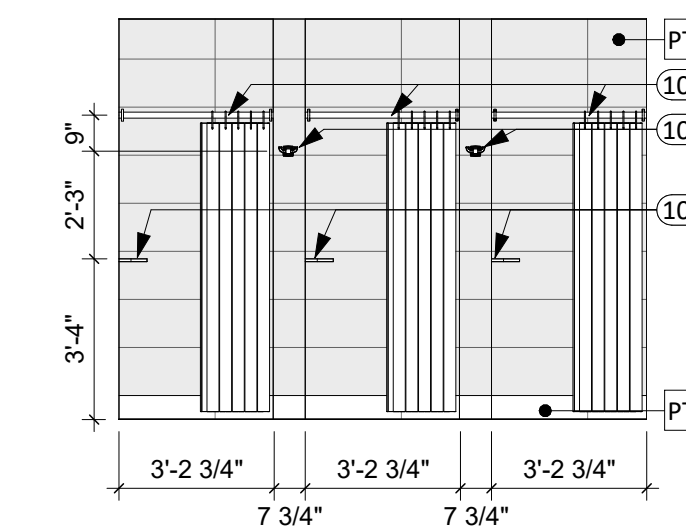
1 TOILET AREA 101 - SOUTH
1/4" = 1'-0"



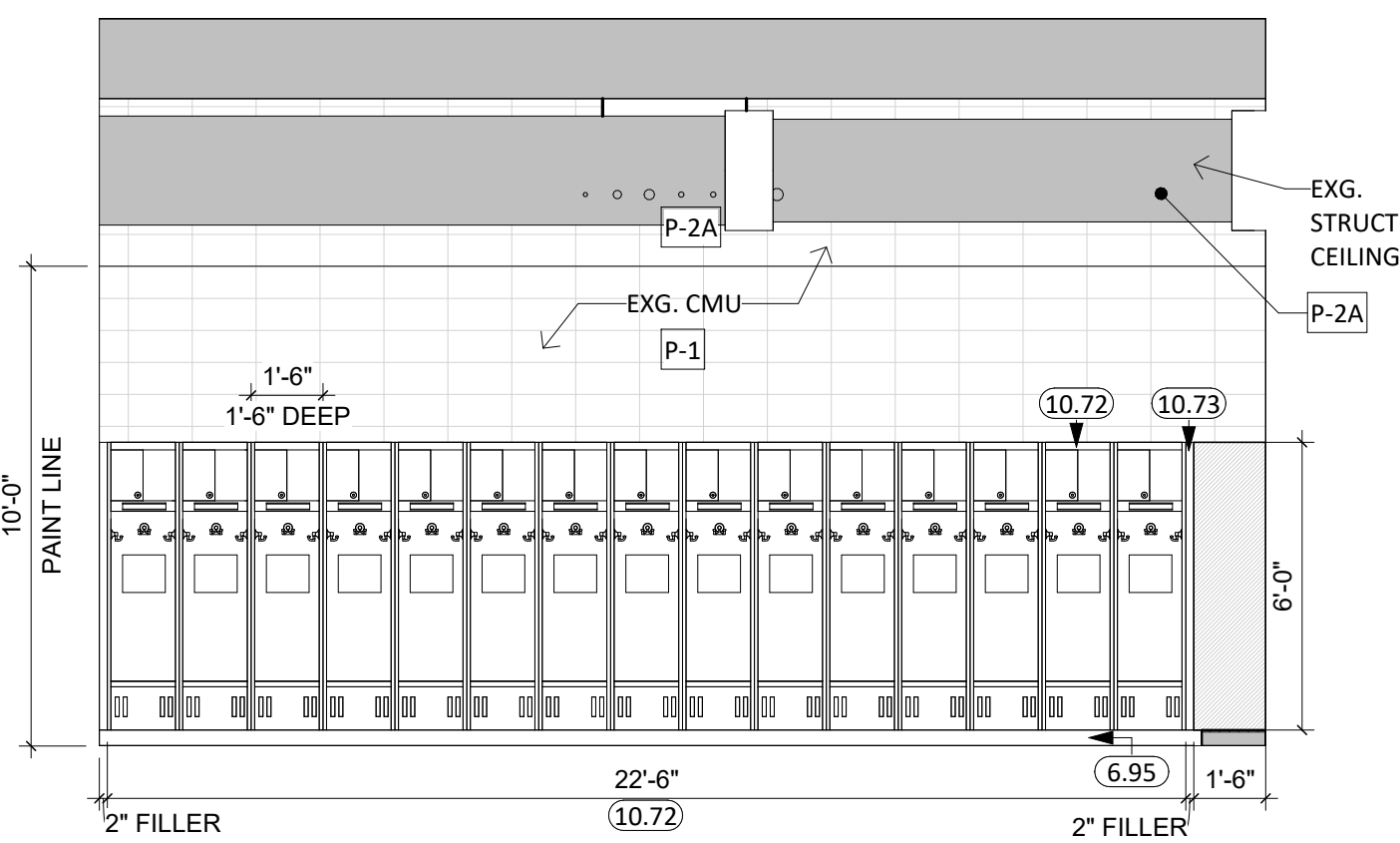
2 TOILET AREA 101 - EAST
1/4" = 1'-0"



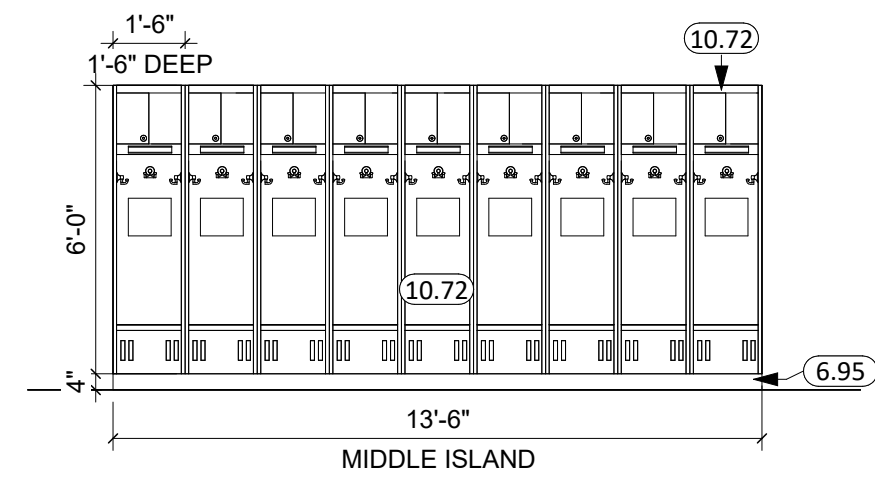
3 SHOWERS 102 - EAST
1/4" = 1'-0"



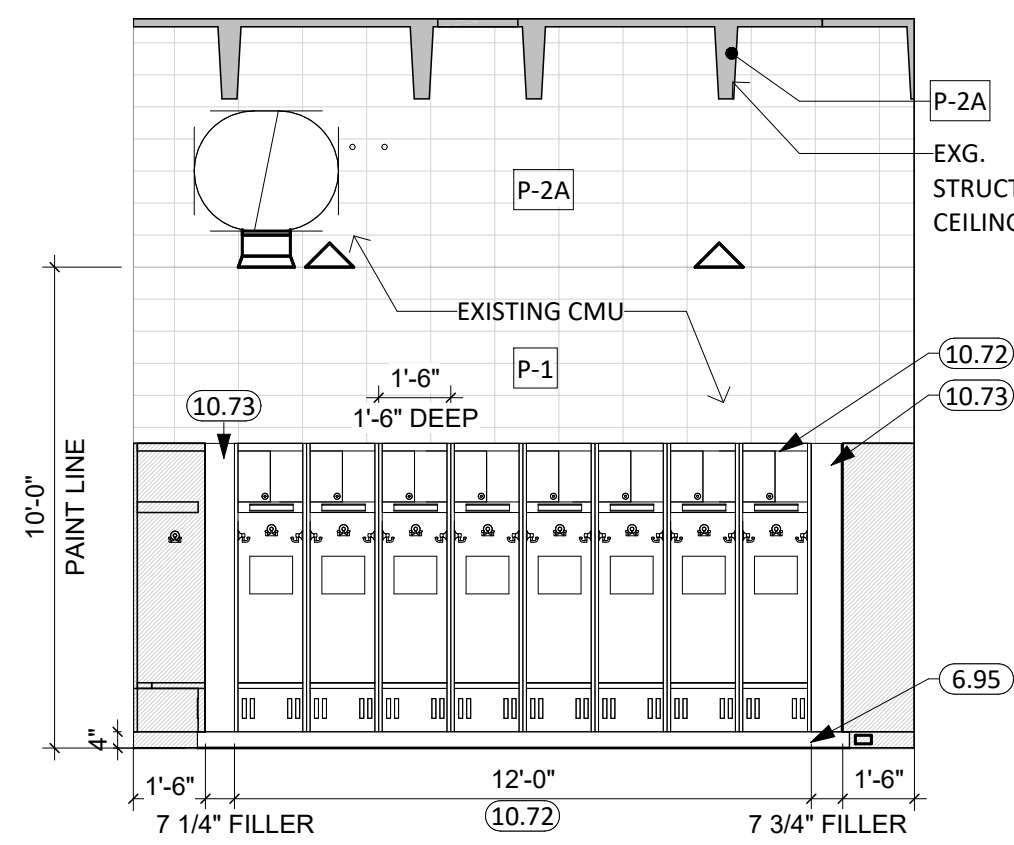
4 SHOWERS 102 - WEST
1/4" = 1'-0"



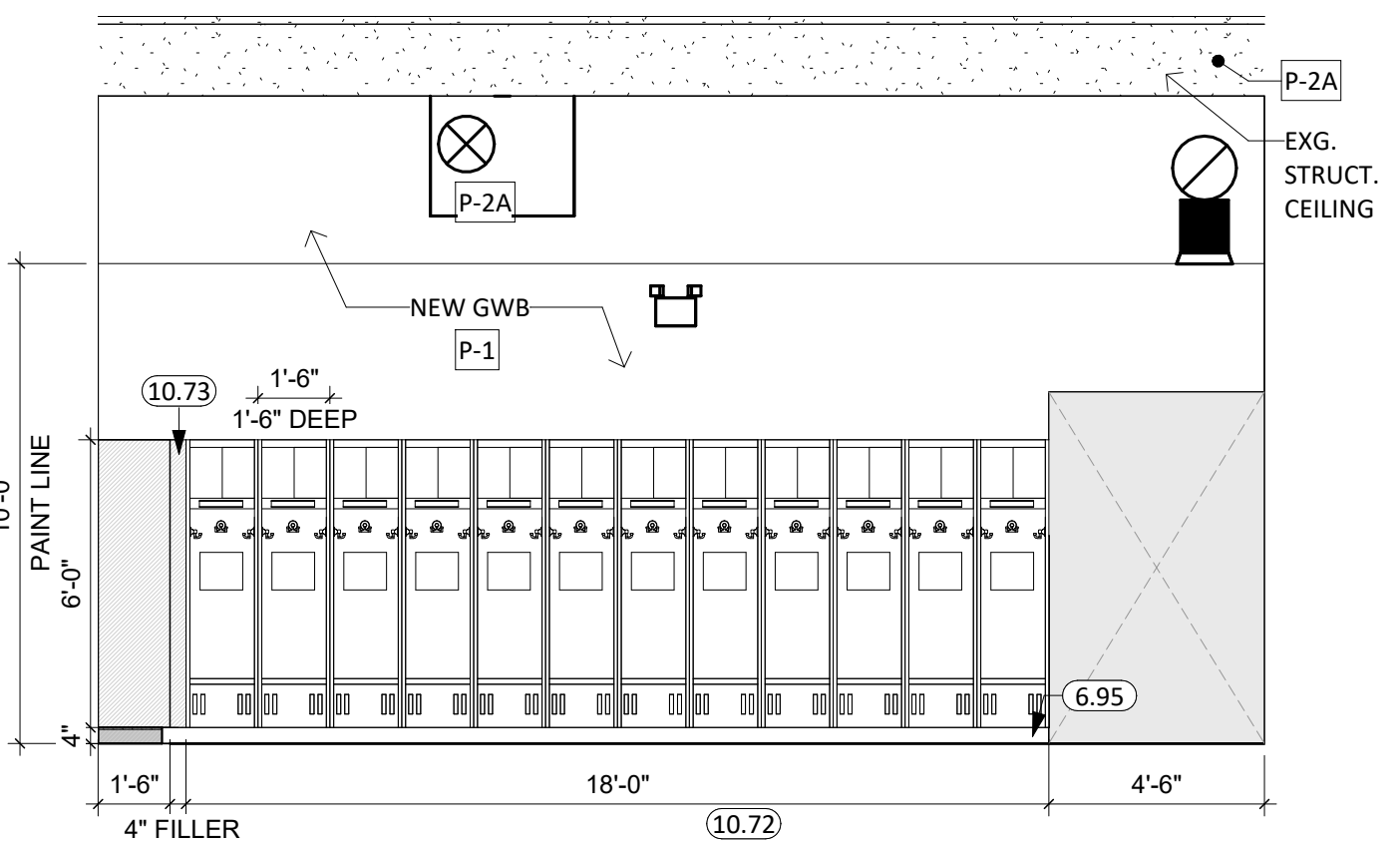
5 LOCKER ROOM 103 - NORTH
1/4" = 1'-0"



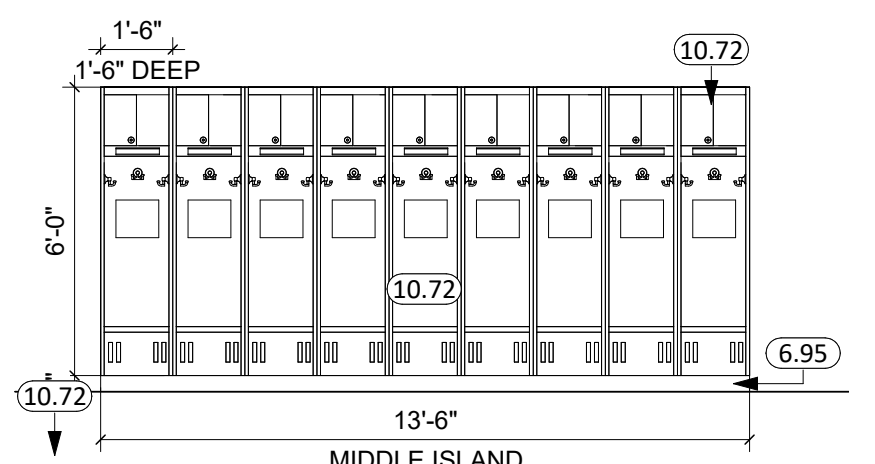
6 LOCKER ROOM 103 - SOUTH
1/4" = 1'-0"



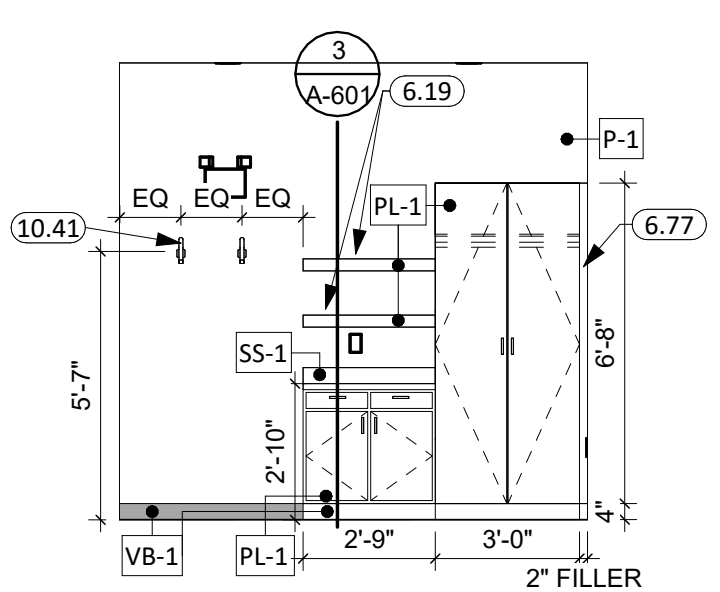
7 LOCKER ROOM 103 - EAST
1/4" = 1'-0"



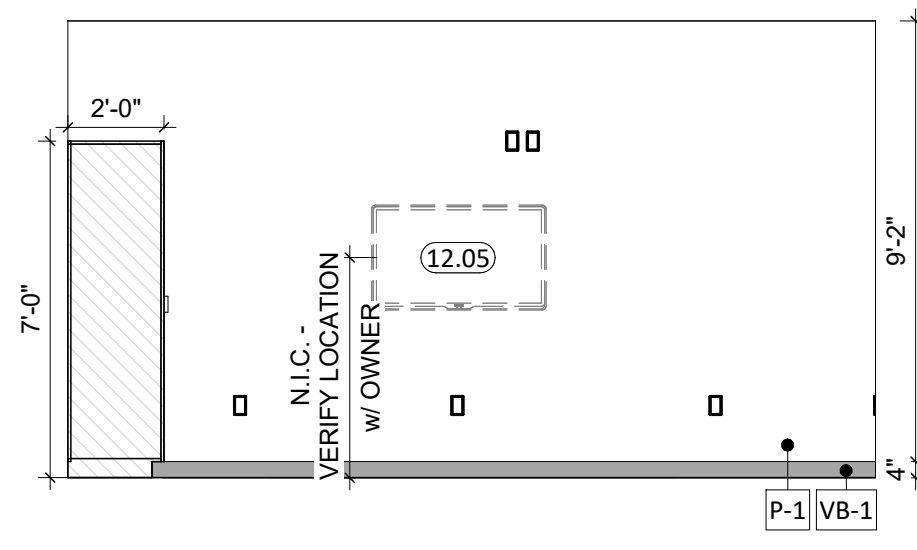
8 LOCKER ROOM 103 - SOUTH
1/4" = 1'-0"



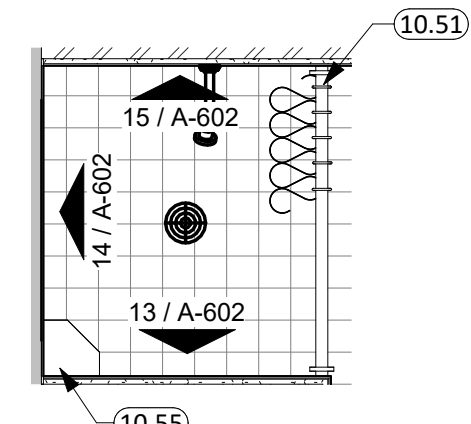
9 LOCKER ROOM 103 - NORTH
1/4" = 1'-0"



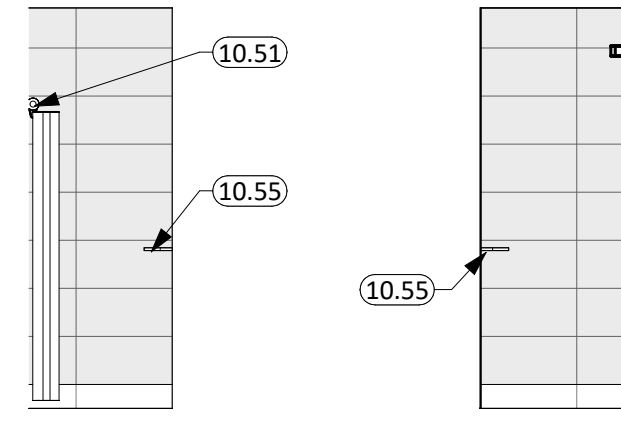
10 LOUNGE 104 - SOUTH
1/4" = 1'-0"



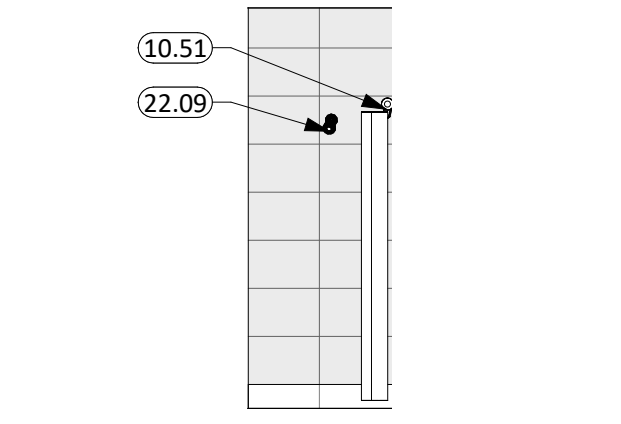
11 LOUNGE 104 - WEST
1/4" = 1'-0"



12 ENLARGED TRACK LOCKER ROOMS SHOWER (TYP)
1/2" = 1'-0"



13 SHOWER SIDE ELEV.
1/4" = 1'-0"



14 SHOWER BACK ELEV.
1/4" = 1'-0"



15 SHOWER SIDE ELEV.
1/4" = 1'-0"

GENERAL NOTES

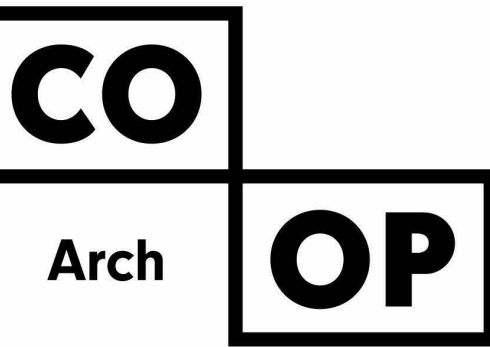
- ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
- ALL DIMENSIONS ARE FROM FACE OF GWB TO FACE OF GWB U.N.O.
- INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
- RESTROOM WALLS ARE SOUND INSULATED AND EXTEND TO THE DECK.
- SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
- VERIFY DRYWALL CONTROL JOINT LOCATIONS W/ ARCHITECT ON SITE PRIOR TO INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROL JOINTS AT 30'-0" O.C. MAX. IN LONG WALL EXPANSES. CONTROL JOINTS AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CONSIDERATION SHALL ALSO BE GIVEN TO LOCATING CONTROL JOINTS FROM FLOOR TO CEILING AT EITHER EDGE OF LARGE WINDOW OPENINGS.
- SEE FLOOR PLAN FOR CASEWORK PLAN INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS. COORDINATE ALL CASEWORK DIMENSIONS WITH OWNER PROVIDED AND CONTRACTOR PROVIDED APPLIANCES/EQUIPMENT.
- COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL.
- PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF 48" O.C.
- PROVIDE FINISHED END PANELS AT ALL EXPOSED MILLWORK SURFACES.
- MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS & SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
- PROVIDE 2x BLOCKING AT ALL GRAB BAR AND FUTURE GRAB BAR LOCATIONS. SEE CODE SHEETS FOR ADDITIONAL BLOCKING INFORMATION.
- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
- PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS AND ANY WALLS EXPOSED TO MOISTURE.
- PROVIDE GLASS MATTIE FACED GYPSUM SHEATHING BEHIND TILE FINISHES AT ALL SHOWERS AND BATHTUBS.
- REFER TO SHEET G001 FOR ALL ADA CODE STANDARDS.
- GC TO CLEAN/PREP. AND PAINT ALL EXPOSED HVAC UNITS.

KEYNOTE SCHEDULE

6.19	FLOATING BOX SHELF WITH HIDDEN BRACKET, SPACING AS REQ'D (A&M HARDWARE)
6.77	FILLER STRIP
6.79	REMOVABLE PLASTIC LAMINATE PLUMBING SHROUD
6.95	2x WOOD FRAME w/ 1/2" PLYWOOD TOP (ALL GREEN TREATED) - COVER W/VB
10.09	REINSTALL EXISTING TOILET PARTITIONS AND TOILET ROOM ACCESSORIES AFTER PROPOSED TILE WORK IS COMPLETED.
10.40	MIRROR w/SS TRIM, BASIS OF DESIGN BOBRICK B-165
10.41	COAT HOOK
10.42	ROBE HOOK, BASIS OF DESIGN BOBRICK B-677
10.43	SANITARY NAPKIN DISPOSAL, (BASIS OF DESIGN BOBRICK B-254)-OP/CI
10.44	TOILET TISSUE DISPENSER, (BASIS OF DESIGN BOBRICK B-265) -OP/CI
10.45	PAPER TOWEL DISPENSER, (BASIS OF DESIGN BOBRICK B-262)-OWNER PROVIDED, CONTRACTOR INSTALLED
10.47	SOAP DISPENSER, (BASIS OF DESIGN BOBRICK B-2111)-OWNER PROVIDED, CONTRACTOR INSTALLED
10.48	GRAB BAR
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.52	SHOWER SEAT W/GRAB BARS - ADA
10.55	SCHLUTER SYSTEMS CORNER SHELF
10.72	ATHLETIC LOCKERS (SEE PROJECT MANUAL)
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
12.05	TELEVISION & MOUNTING HARDWARE BY OWNER - OUTLINE SHOWN FOR REFERENCE ONLY
22.09	SEE PLUMBING DRAWINGS AND PROJECT MANUAL FOR MORE INFORMATION

LOCKER FINISH/GENERAL NOTES (TRACK & FIELD)

- SINGLE TIER CUSTOM LOCKER 18"W x 18"D x 72"H - 3/4" PRESSURE LAMINATE PANELS WITH 3MM EDGE BAND, GLUE AND DOWEL CONSTRUCTION, COLOR SELECTED FROM MFG STANDARDS.
- FOOT LOCKER MATERIAL TO BE SOLID COLOR CORE TO ALLOW FOR VENT HOLES TO BE DRILLED AND PROVIDE A FINISHED LOOK.
- LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
- NAME PLATE (2.25" x 8")
- FOOT LOCKER LIFT LID W/ CONCEALED HINGES & HASP LOCK, STORAGE BELOW
- 3 DOUBLE HOOKS (SATIN CHROME)
- LOGO GRAPHIC AT LOCKER BACK



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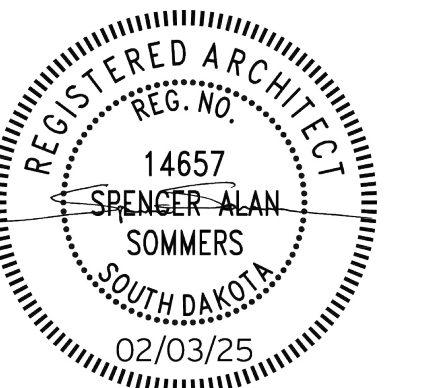
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Sioux Falls, SD 57104
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CO-OP PROJECT NO: 2437



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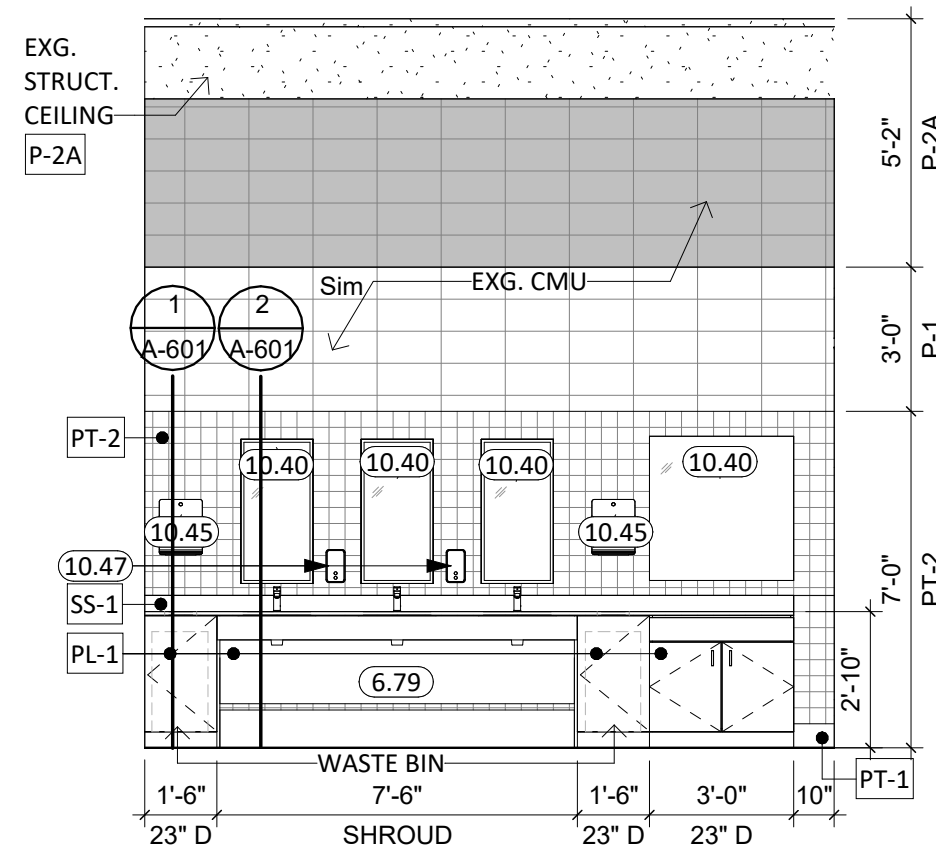
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

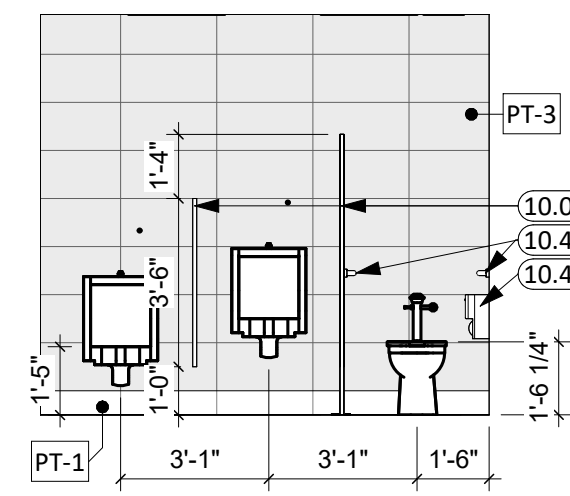
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WOMEN'S TRACK & FIELD
LOCKER ROOM INTERIOR
ELEVATIONS

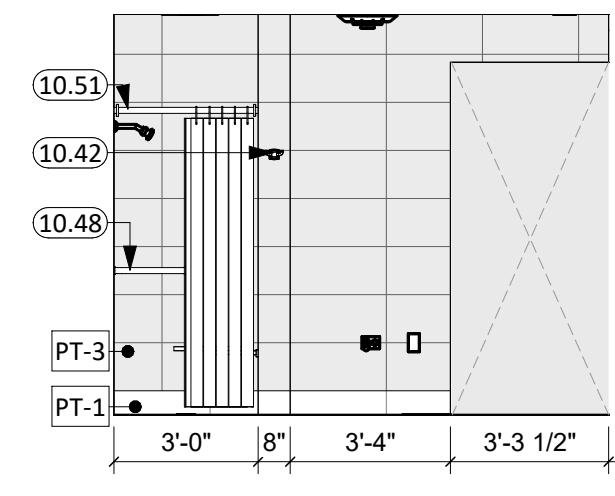
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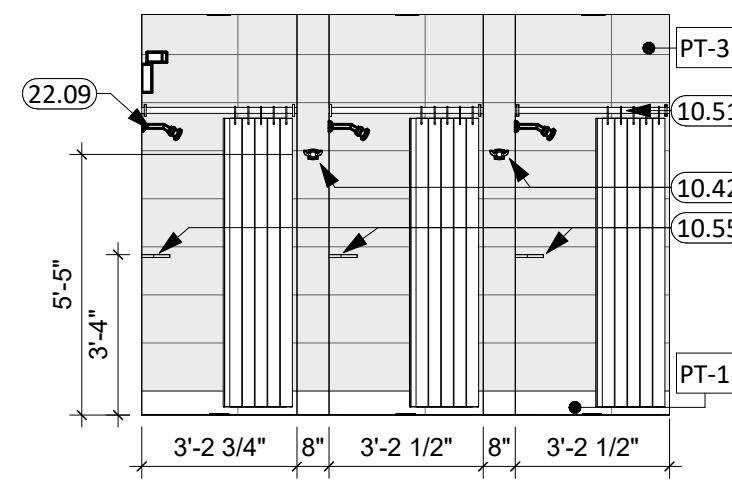
1 TOILET AREA 105 - NORTH
1/4" = 1'-0"



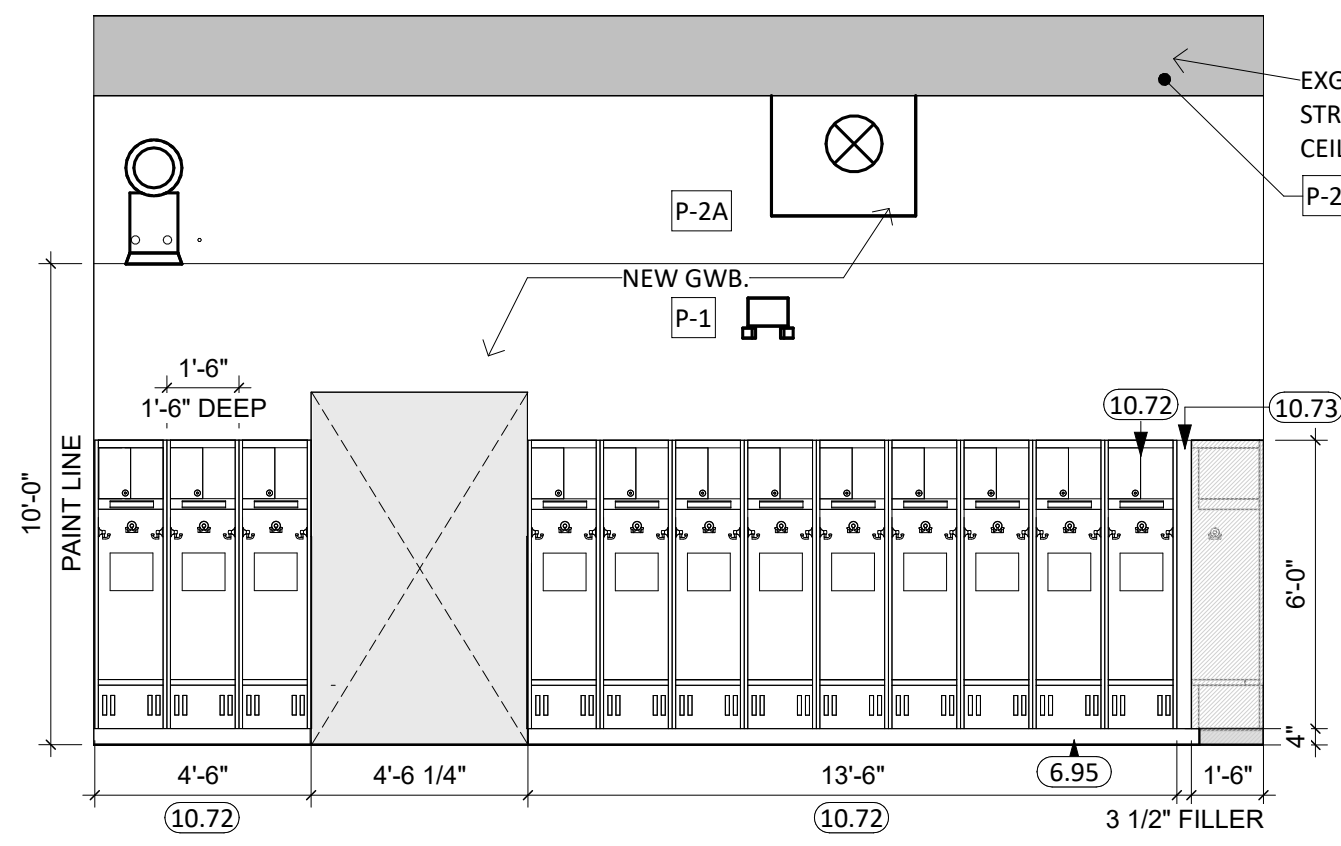
2 TOILET 105 - WEST
1/4" = 1'-0"



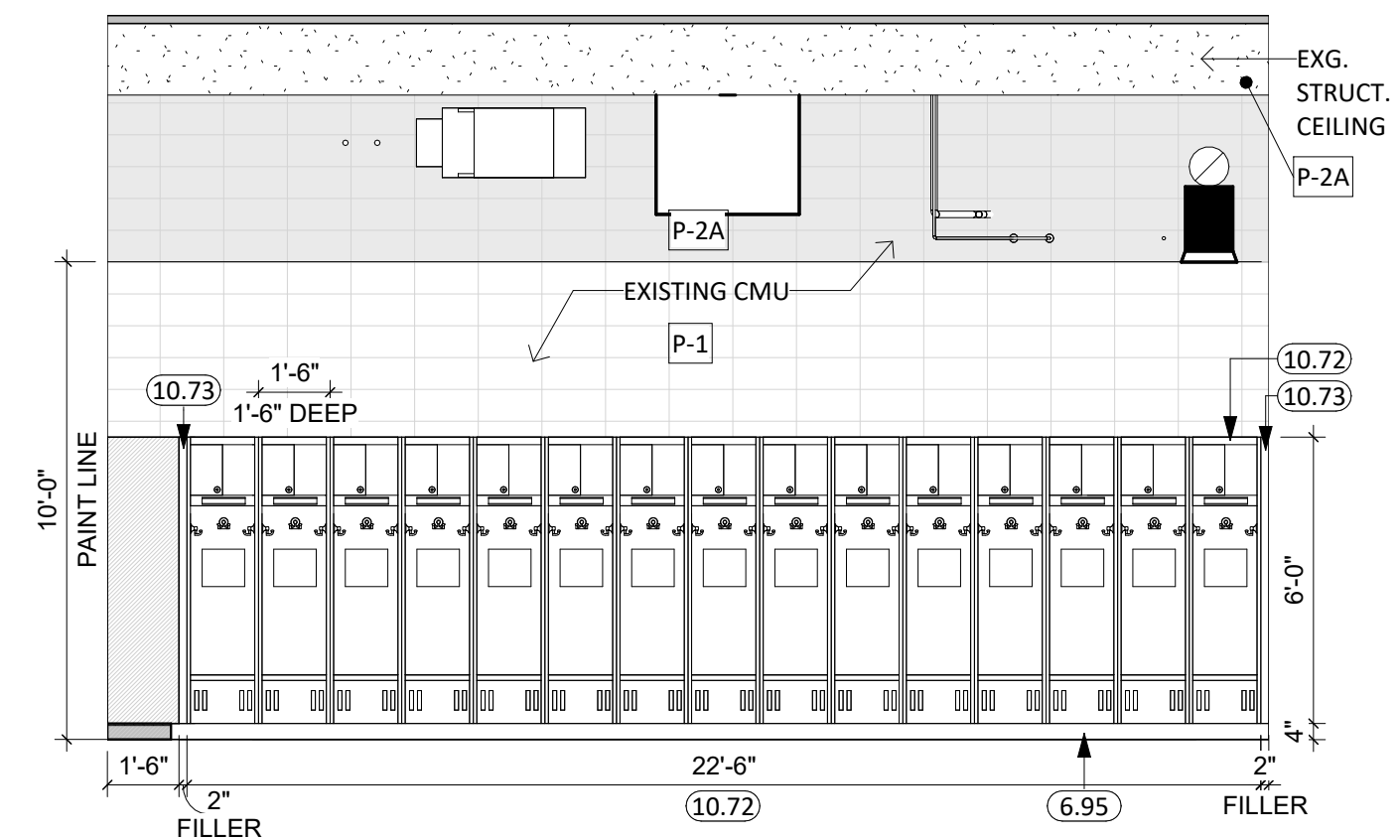
3 SHOWERS 106 - EAST
1/4" = 1'-0"



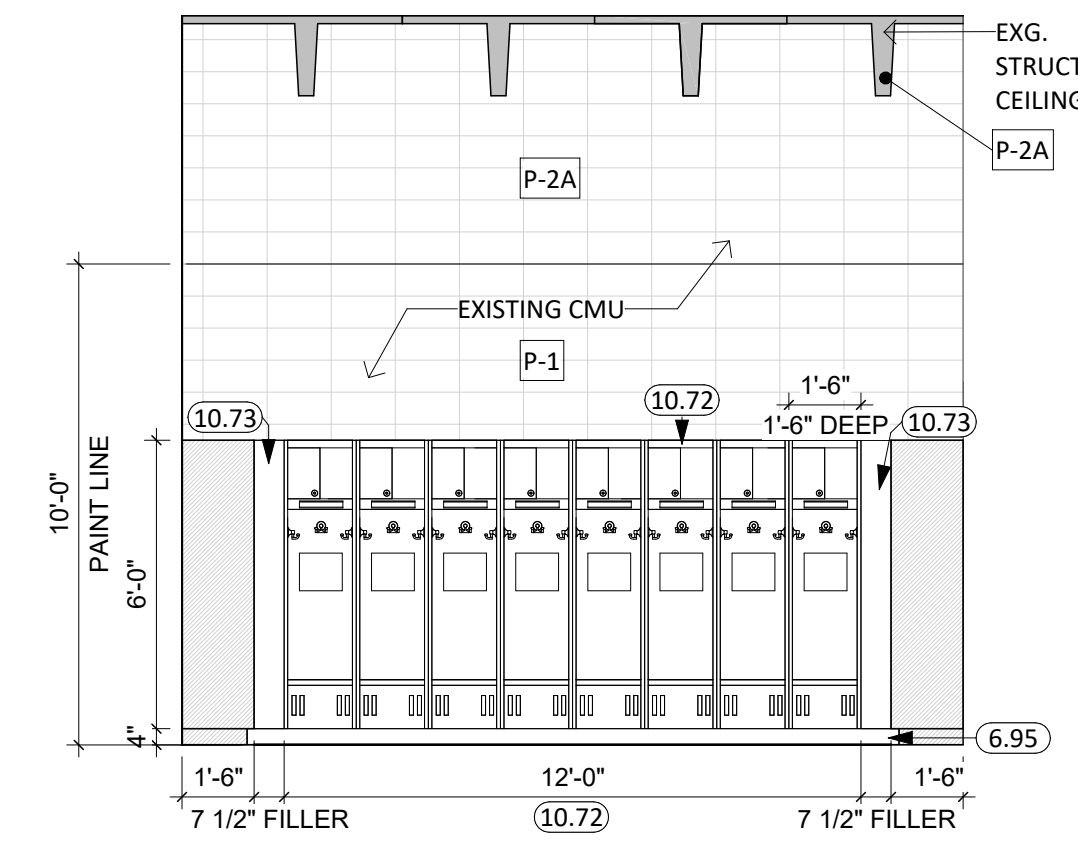
4 SHOWERS 106 - WEST
1/4" = 1'-0"



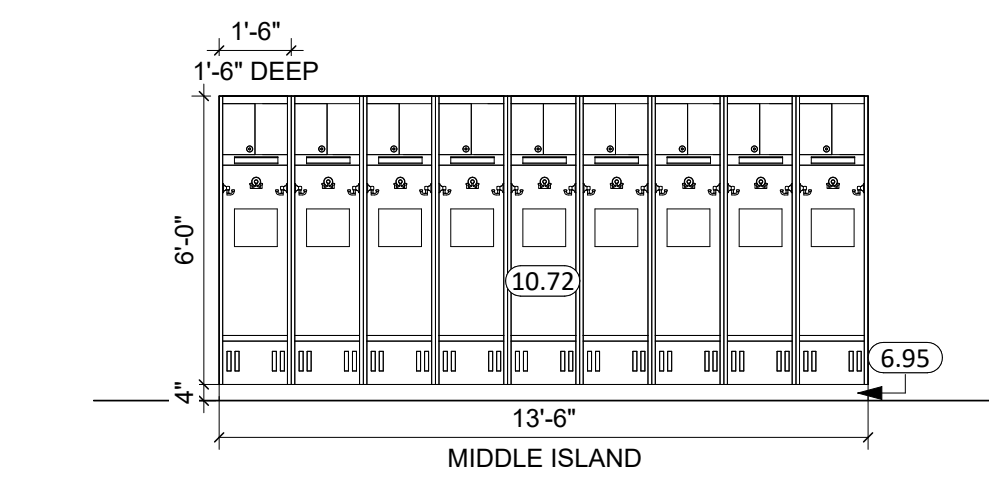
5 LOCKER ROOM 107 - NORTH
1/4" = 1'-0"



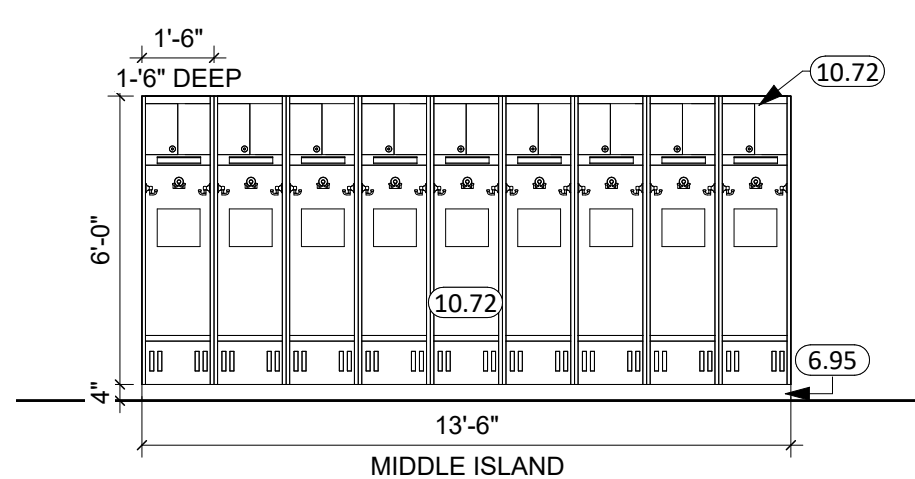
6 LOCKER ROOM 107 - SOUTH
1/4" = 1'-0"



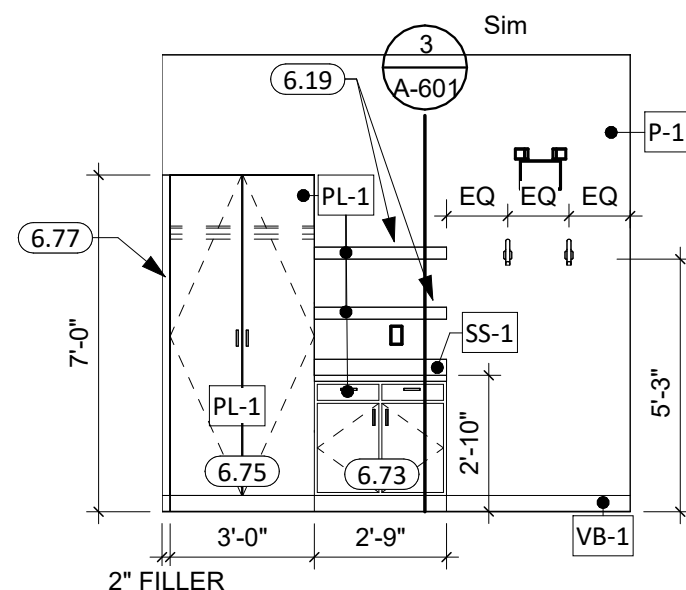
7 LOCKER ROOM 107 - EAST
1/4" = 1'-0"



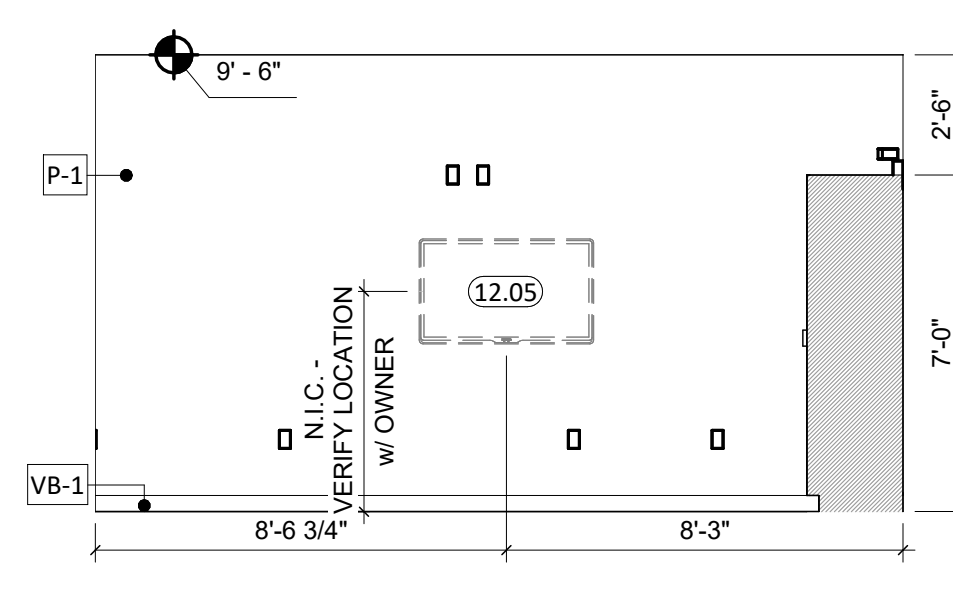
8 LOCKER ROOM 107 - NORTH
1/4" = 1'-0"



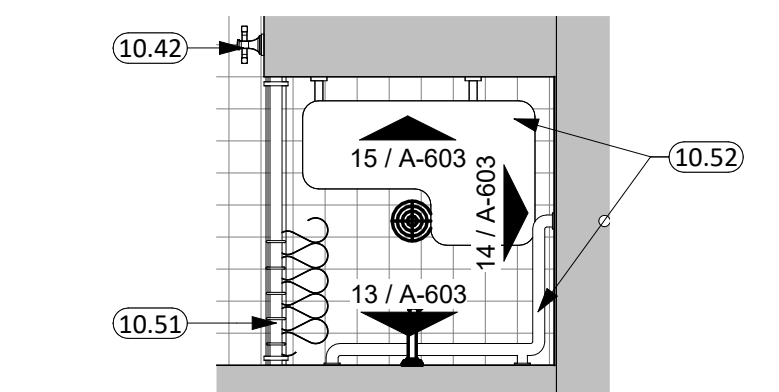
9 LOCKER ROOM 107 - SOUTH
1/4" = 1'-0"



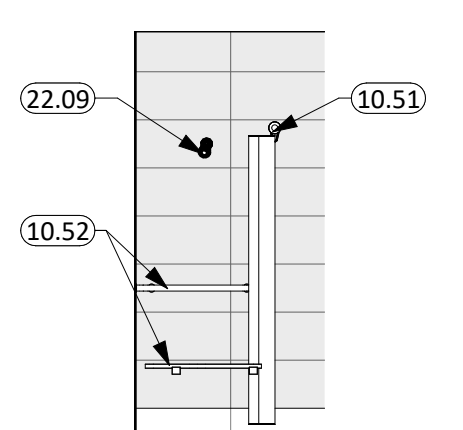
10 LOUNGE 108 - NORTH
1/4" = 1'-0"



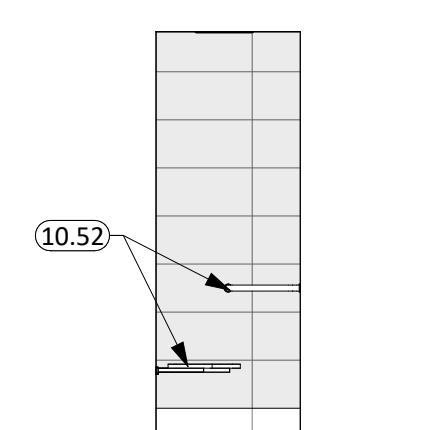
11 LOUNGE 108 - WEST
1/4" = 1'-0"



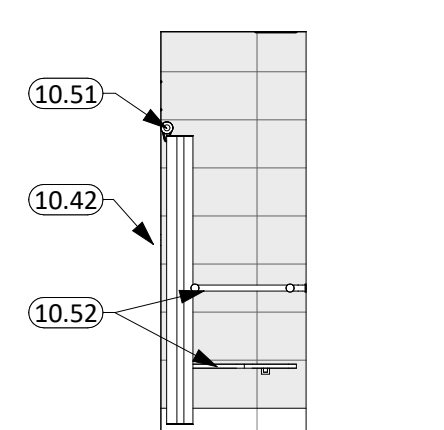
12 ENLARGED TRACK LOCKER ROOM - ADA SHOWER
1/2" = 1'-0"



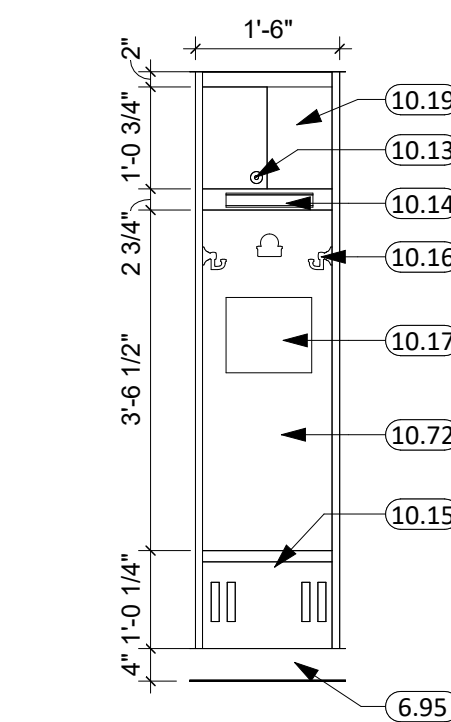
13 ADA SHOWER SIDE ELEV.
1/4" = 1'-0"



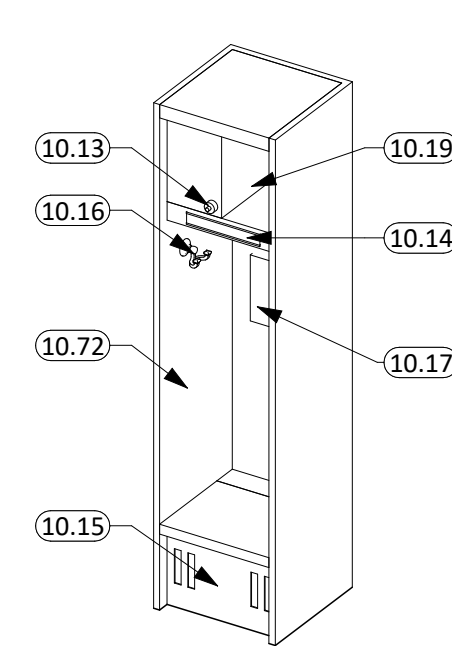
14 ADA SHOWER BACK ELEV.
1/4" = 1'-0"



15 ADA SHOWER SIDE ELEV.
1/4" = 1'-0"



16 TYP LOCKER TRACK & FIELD
1/2" = 1'-0"



17 LOCKER ASSY. ISOMETRIC

GENERAL NOTES

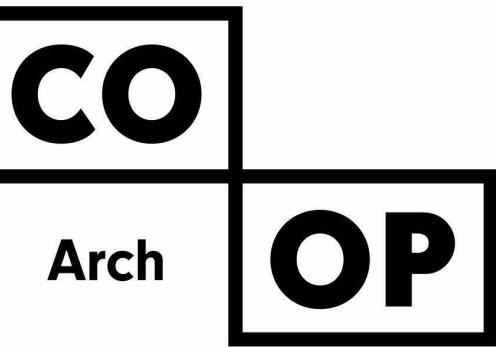
- ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
- ALL DIMENSIONS ARE FROM FACE OF GWB TO FACE OF GWB U.N.O.
- INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
- RESTROOM WALLS ARE SOUND INSULATED AND EXTEND TO THE DECK.
- SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
- VERIFY DRYWALL CONTROL JOINT LOCATIONS W/ ARCHITECT ON SITE PRIOR TO INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROL JOINTS AT 30'-0" O.C. MAX. IN LONG WALL EXPANSES. CONTROL JOINTS AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CONSIDERATION SHALL ALSO BE GIVEN TO LOCATING CONTROL JOINTS FROM FLOOR TO CEILING AT EITHER EDGE OF LARGE WINDOW OPENINGS.
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- MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS & SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
- PROVIDE 2x BLOCKING AT ALL GRAB BAR AND FUTURE GRAB BAR LOCATIONS. SEE CODE SHEETS FOR ADDITIONAL BLOCKING INFORMATION.
- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
- PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS AND ANY WALLS EXPOSED TO MOISTURE.
- PROVIDE GLASS-MATTE FACED GYPSUM SHEATHING BEHIND TILE FINISHES AT ALL SHOWERS AND BATHTUBS.
- REFER TO SHEET G001 FOR ALL ADA CODE STANDARDS.
- GC TO CLEAN/PREP. AND PAINT ALL EXPOSED HVAC UNITS.

KEYNOTE SCHEDULE

6.19	FLOATING BOX SHELF WITH HIDDEN BRACKET, SPACING AS REQ'D (A&M HARDWARE)
6.73	PLASTIC LAMINATE BASE CABINET
6.75	PLASTIC LAMINATE TALL STORAGE CABINET
6.77	FILLER STRIP
6.79	REMOVABLE PLASTIC LAMINATE PLUMBING SHROUD
6.95	2x WOOD FRAME w/ 1/2" PLYWOOD TOP (ALL GREEN TREATED) - COVER W/VB
10.09	REINSTALL EXISTING TOILET PARTITIONS AND TOILET ROOM ACCESSORIES AFTER PROPOSED TILE WORK IS COMPLETED.
10.13	LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
10.14	NAME PLATE (2.25" x 8")
10.15	VENTILATED FOOT LOCKER w/ LIFT LID
10.16	3 DOUBLE HOOKS
10.17	LOGO GRAPHIC AT LOCKER BACK
10.19	OPEN CUBBY SHELF
10.40	MIRROR w/SS TRIM, BASIS OF DESIGN BOBRICK B-165
10.42	ROBE HOOK, BASIS OF DESIGN BOBRICK B-677
10.44	TOILET TISSUE DISPENSER, (BASIS OF DESIGN BOBRICK B-265) -OP/CI
10.45	PAPER TOWEL DISPENSER, (BASIS OF DESIGN BOBRICK B-262)-OWNER PROVIDED, CONTRACTOR INSTALLED
10.47	SOAP DISPENSER, (BASIS OF DESIGN BOBRICK B-2111)-OWNER PROVIDED, CONTRACTOR INSTALLED
10.48	GRAB BAR
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.52	SHOWER SEAT W/GRAB BARS - ADA
10.55	SCHLUTER SYSTEMS CORNER SHELF
10.72	ATHLETIC LOCKERS (SEE PROJECT MANUAL)
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
12.05	TELEVISION & MOUNTING HARDWARE BY OWNER - OUTLINE SHOWN FOR REFERENCE ONLY
22.09	SEE PLUMBING DRAWINGS AND PROJECT MANUAL FOR MORE INFORMATION

LOCKER FINISH/GENERAL NOTES (TRACK & FIELD)

- SINGLE TIER CUSTOM LOCKER 18"W x 18"D x 72"H - 3/4" PRESSURE LAMINATE PANELS WITH 3MM EDGE BAND, GLUE AND DOWEL CONSTRUCTION, COLOR SELECTED FROM MFG STANDARDS.
- FOOT LOCKER MATERIAL TO BE SOLID COLOR CORE TO ALLOW FOR VENT HOLES TO BE DRILLED AND PROVIDE A FINISHED LOOK.
- LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
- NAME PLATE (2.25" x 8")
- FOOT LOCKER LIFT LID w/ CONCEALED HINGES & HASP LOCK, STORAGE BELOW
- 3 DOUBLE HOOKS (SATIN CHROME)
- LOGO GRAPHIC AT LOCKER BACK



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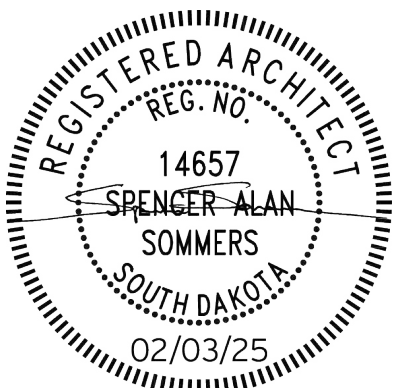
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OSE PROJECT NO: RO124-16X

CO-OP PROJECT NO: 2437



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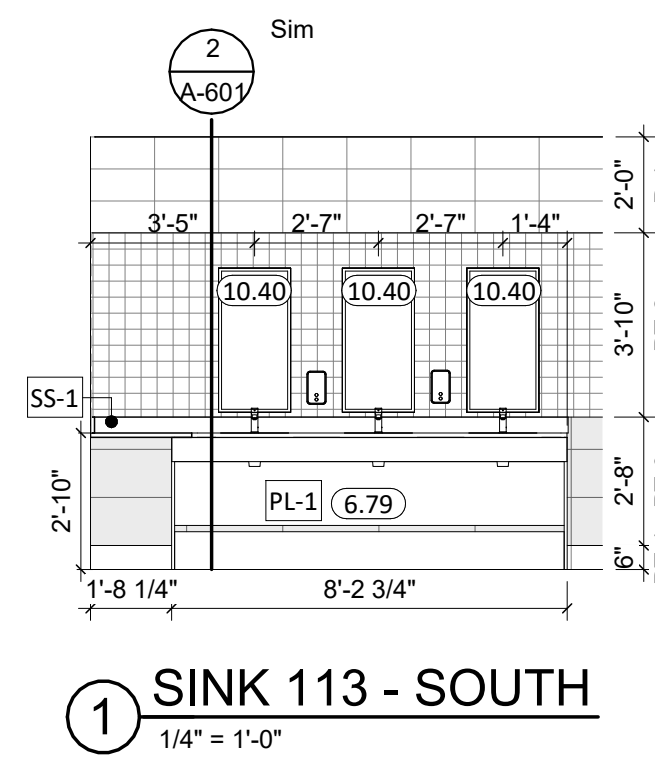
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

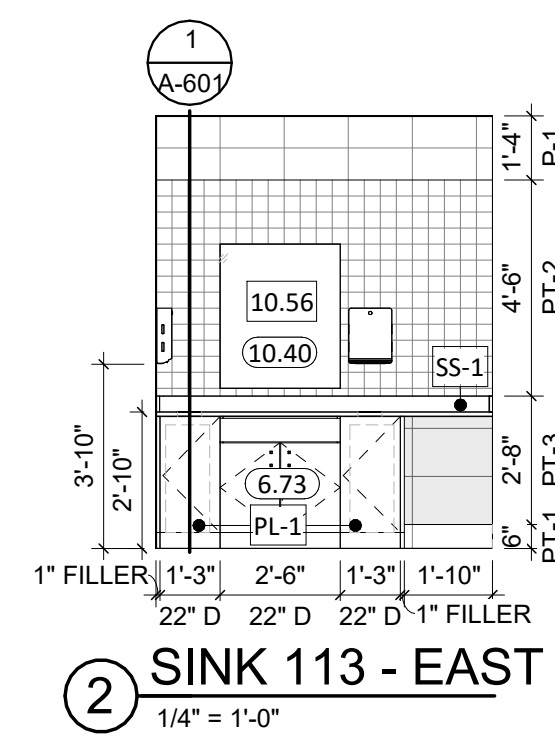
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
MEN'S TRACK & FIELD LOCKER
ROOM INTERIOR ELEVATIONS

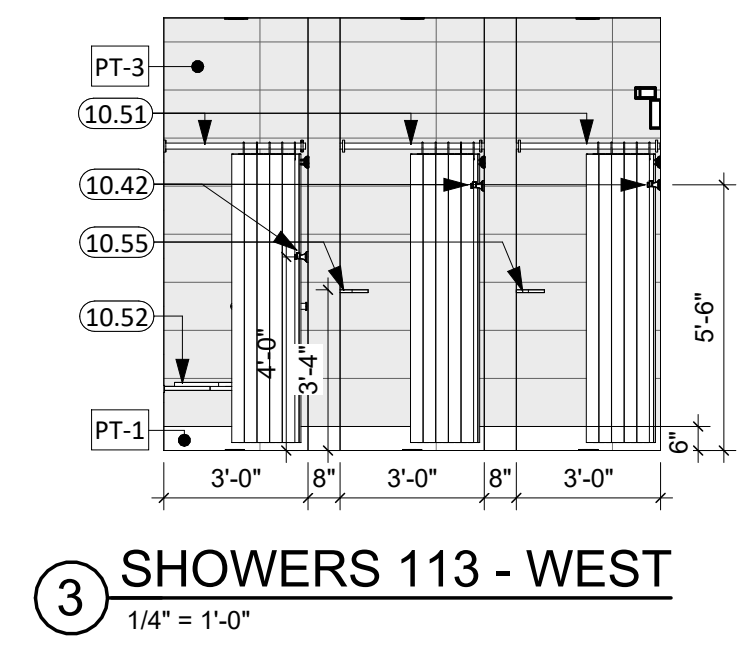
A-603



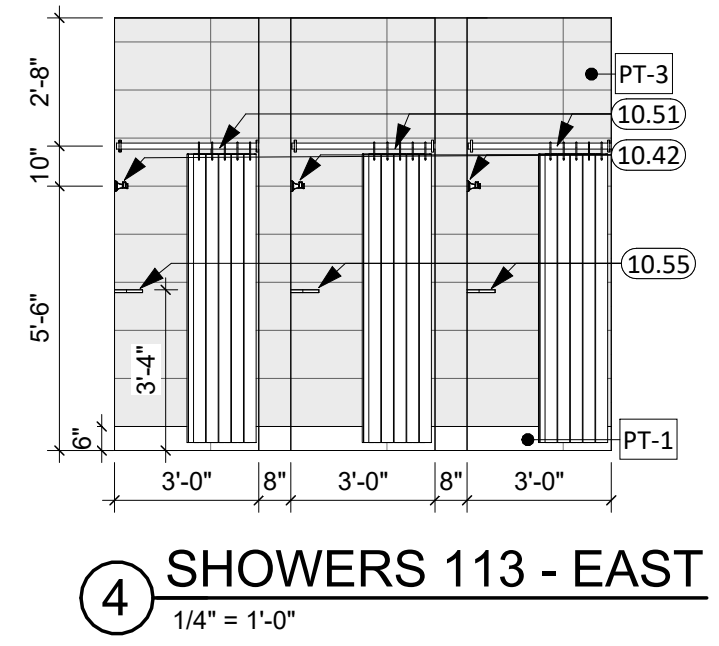
① SINK 113 - SOUTH
1/4" = 1'-0"



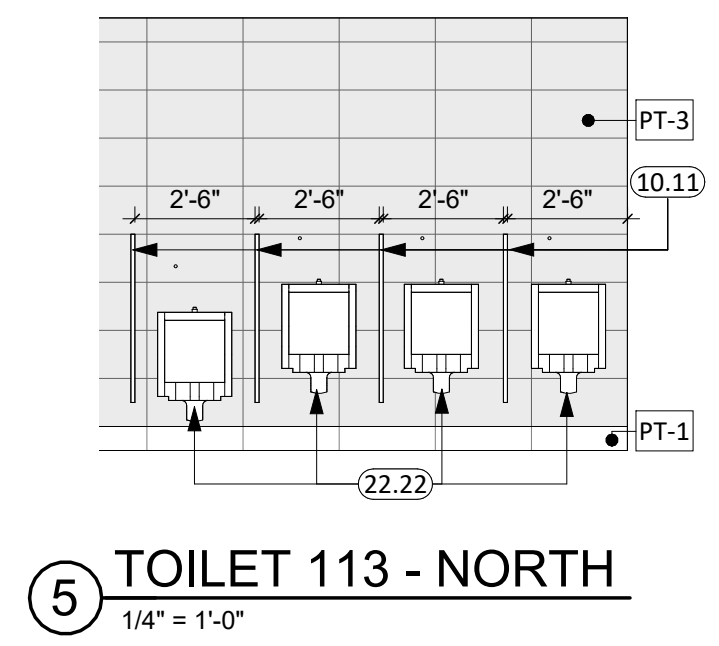
② SINK 113 - EAST
1/4" = 1'-0"



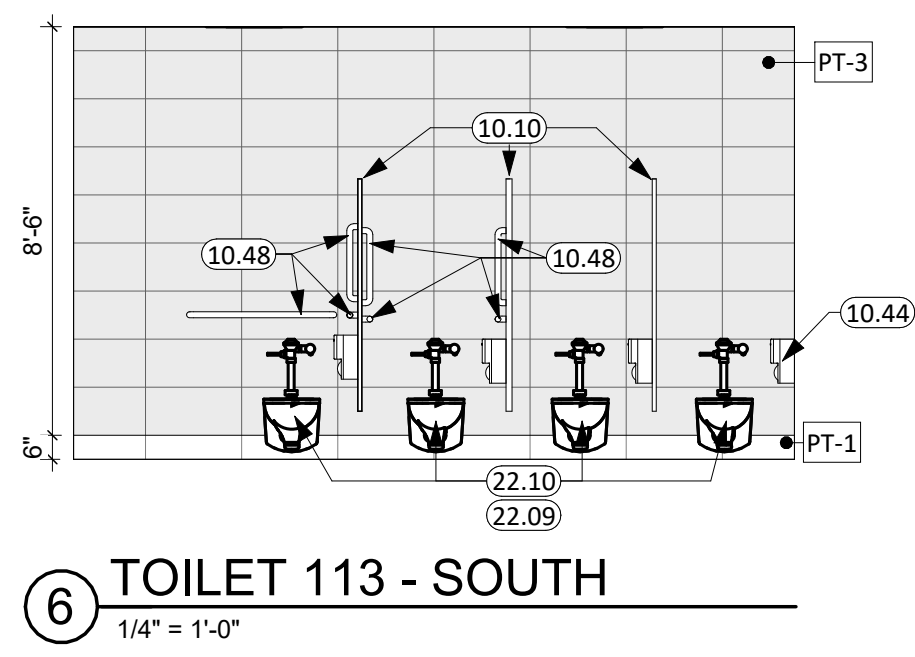
③ SHOWERS 113 - WEST
1/4" = 1'-0"



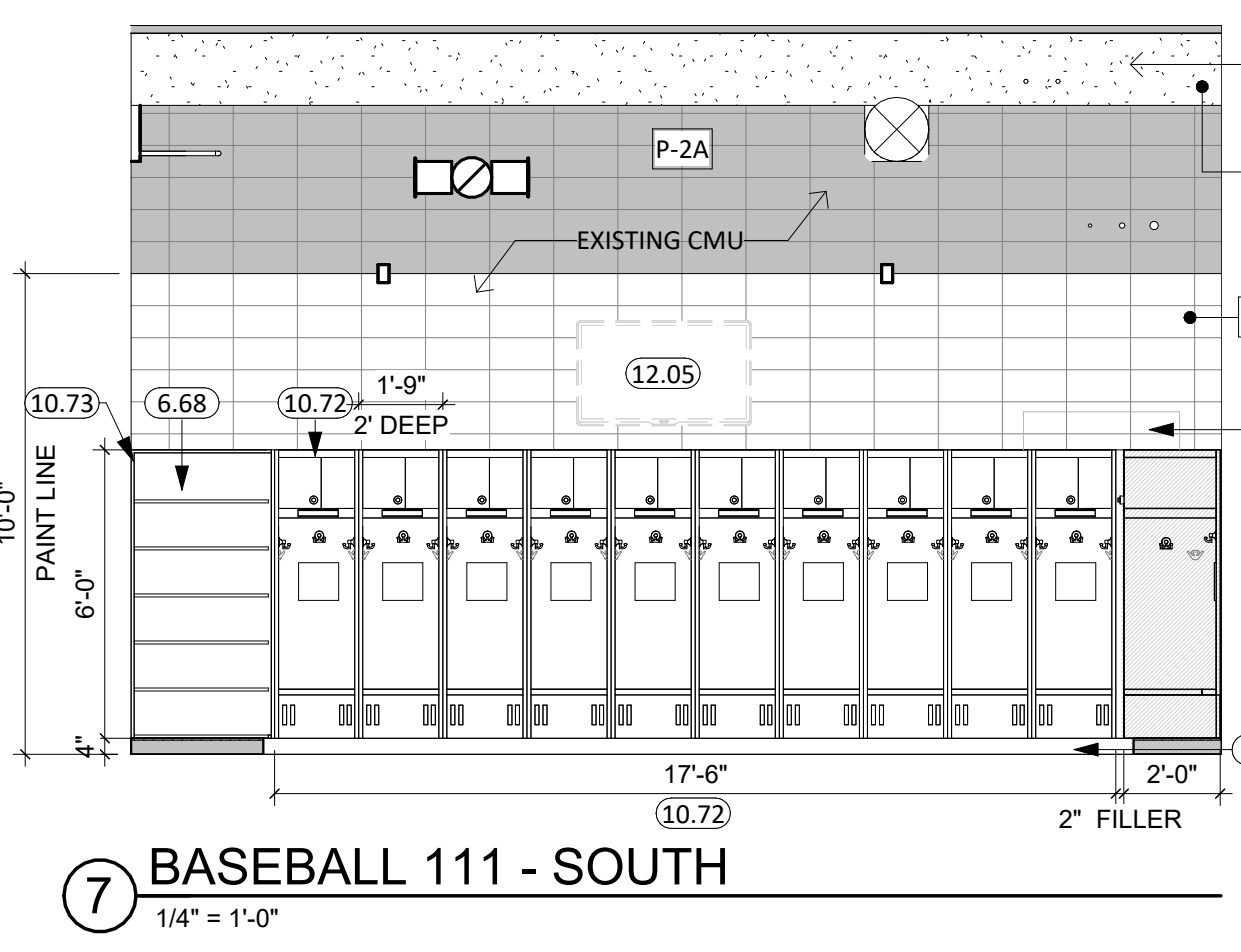
④ SHOWERS 113 - EAST
1/4" = 1'-0"



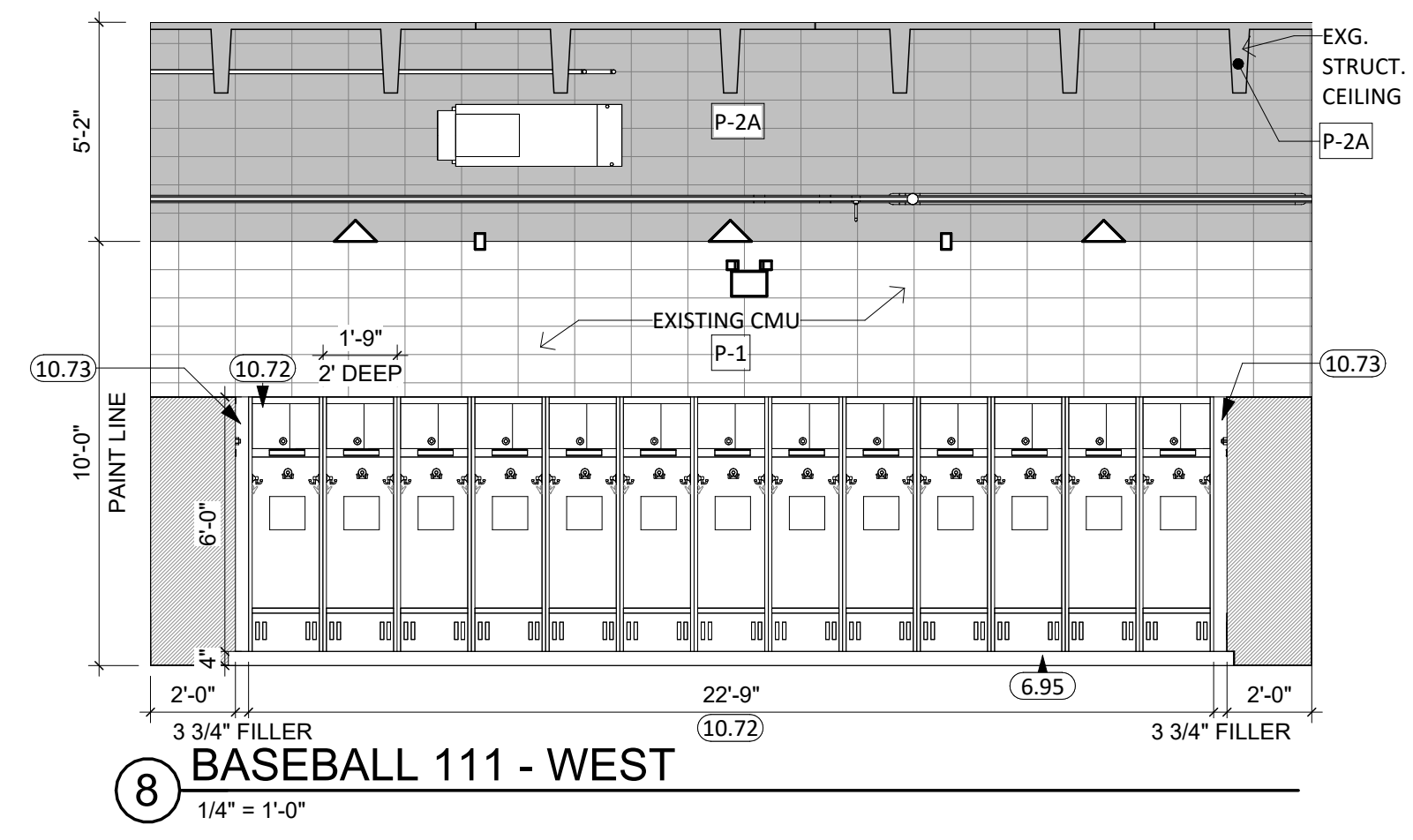
⑤ TOILET 113 - NORTH
1/4" = 1'-0"



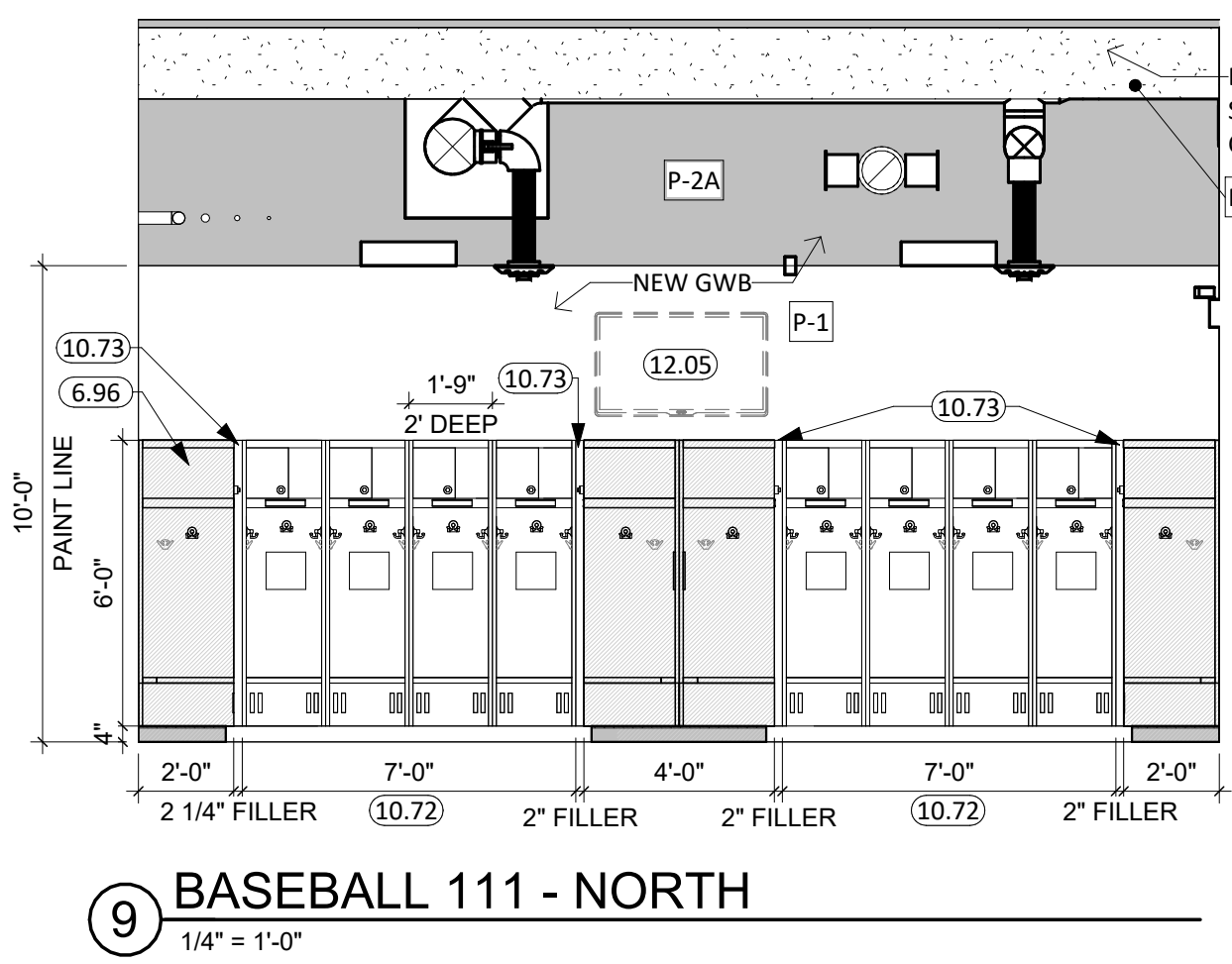
⑥ TOILET 113 - SOUTH
1/4" = 1'-0"



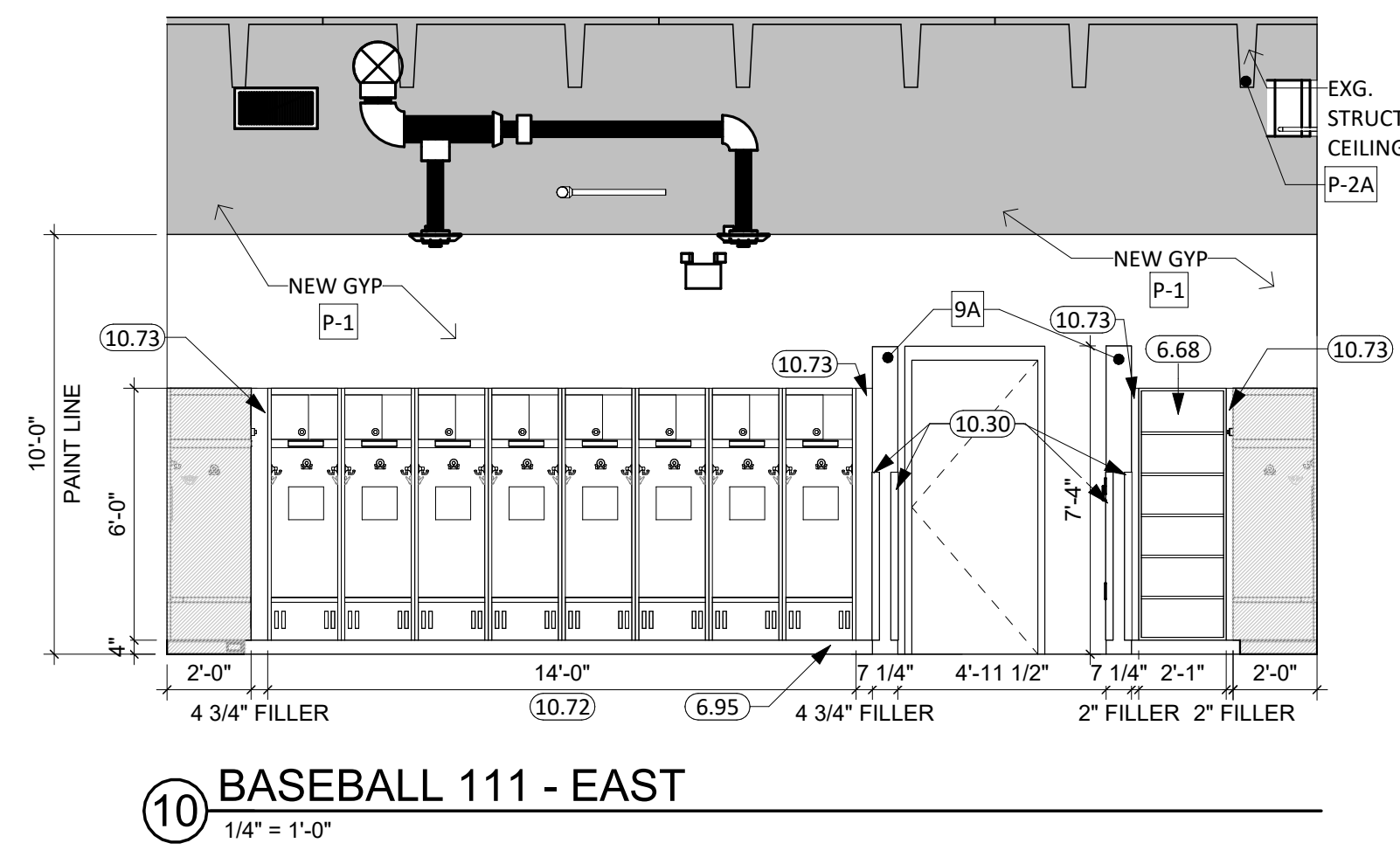
⑦ BASEBALL 111 - SOUTH
1/4" = 1'-0"



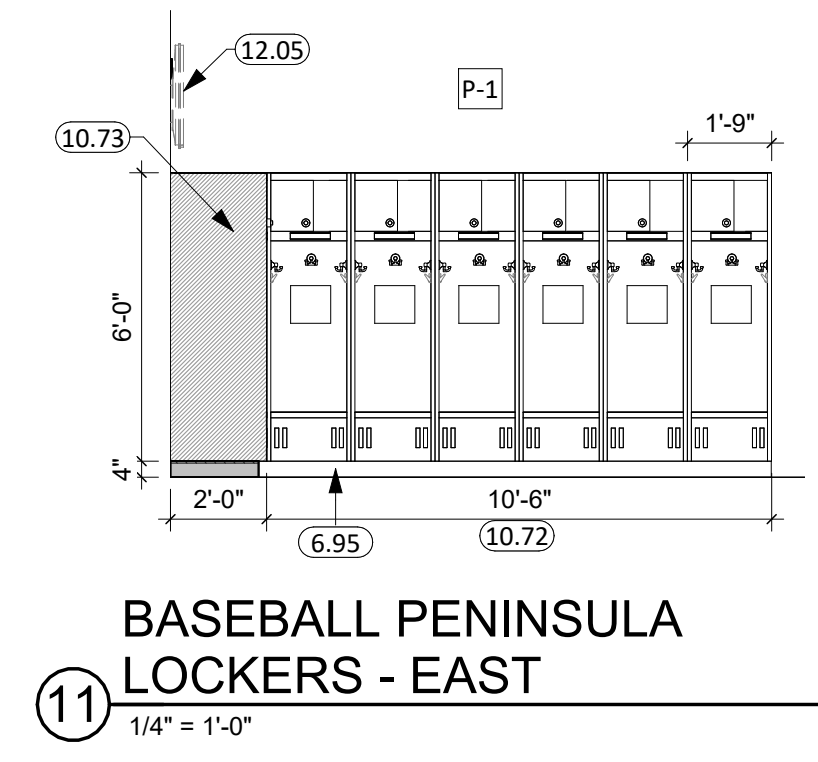
⑧ BASEBALL 111 - WEST
1/4" = 1'-0"



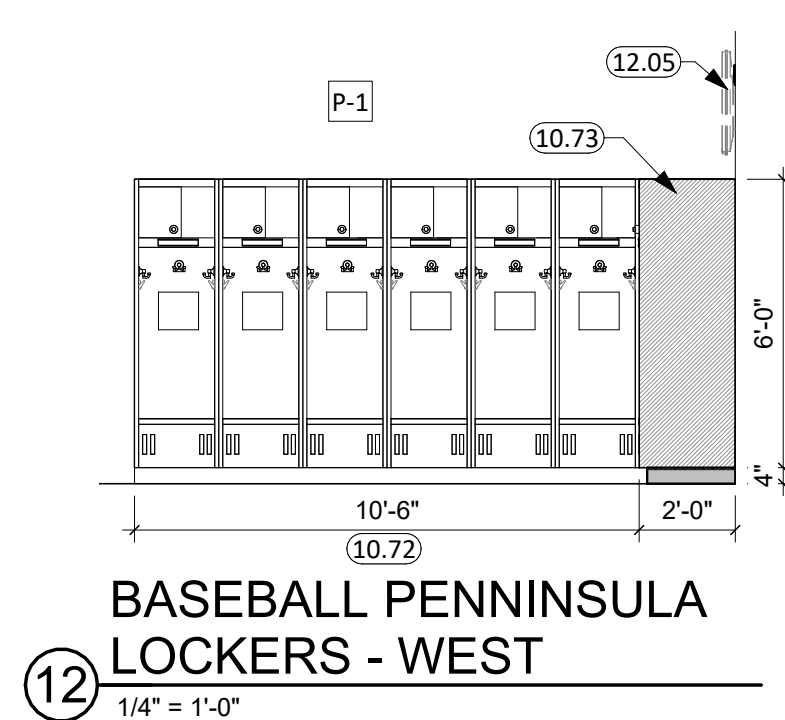
⑨ BASEBALL 111 - NORTH
1/4" = 1'-0"



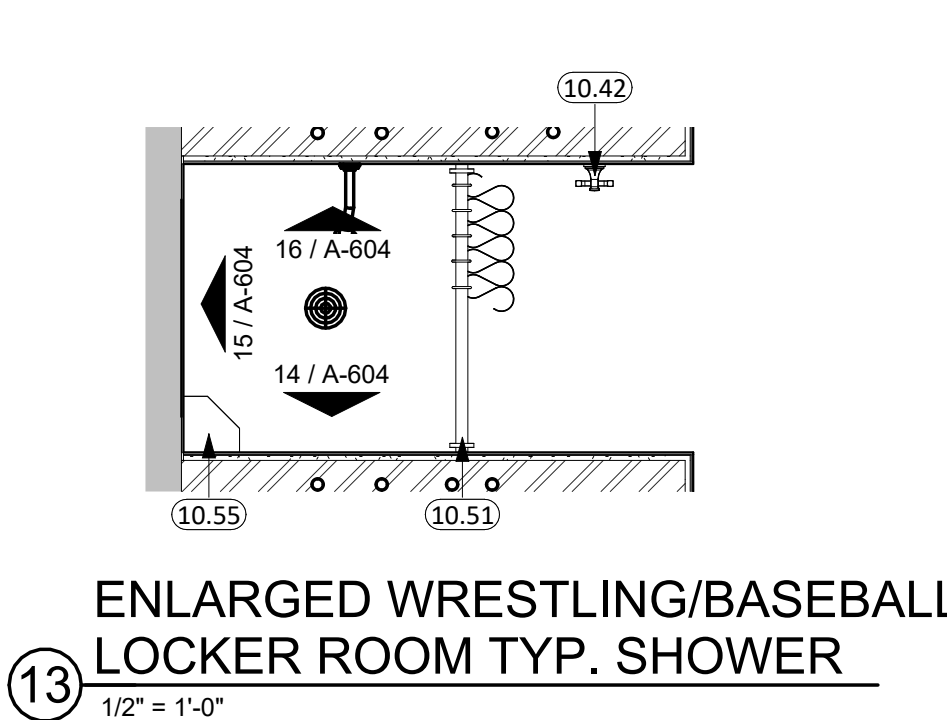
⑩ BASEBALL 111 - EAST
1/4" = 1'-0"



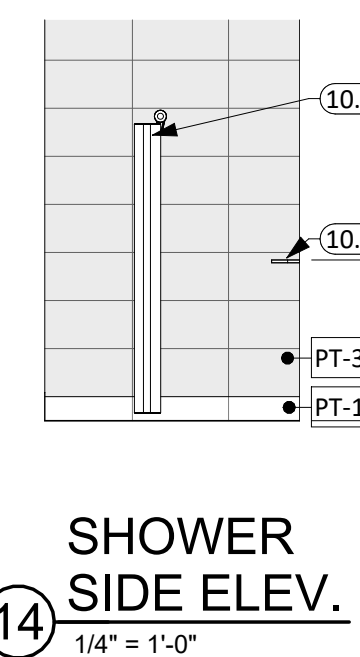
⑪ BASEBALL PENINSULA LOCKERS - EAST
1/4" = 1'-0"



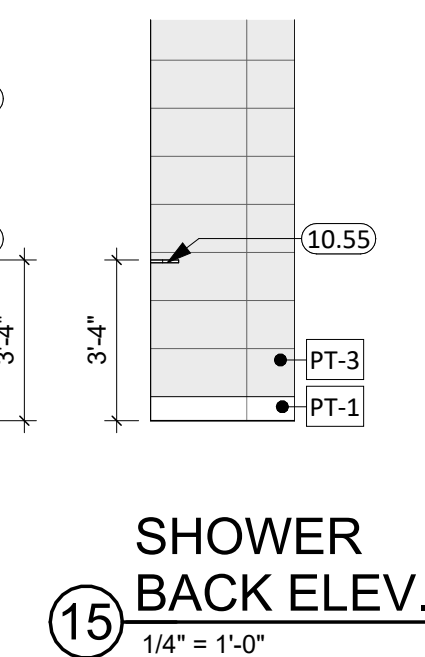
⑫ BASEBALL PENINSULA LOCKERS - WEST
1/4" = 1'-0"



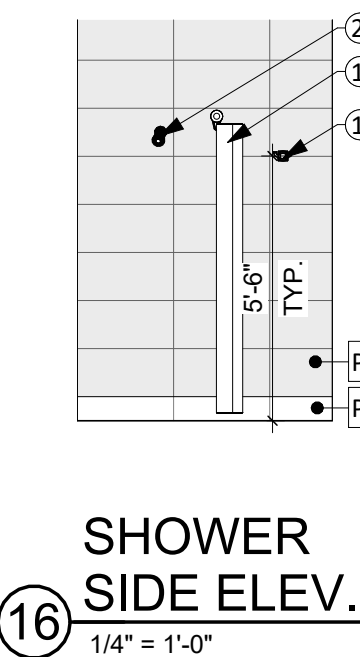
⑬ ENLARGED WRESTLING/BASEBALL LOCKER ROOM TYP. SHOWER
1/2" = 1'-0"



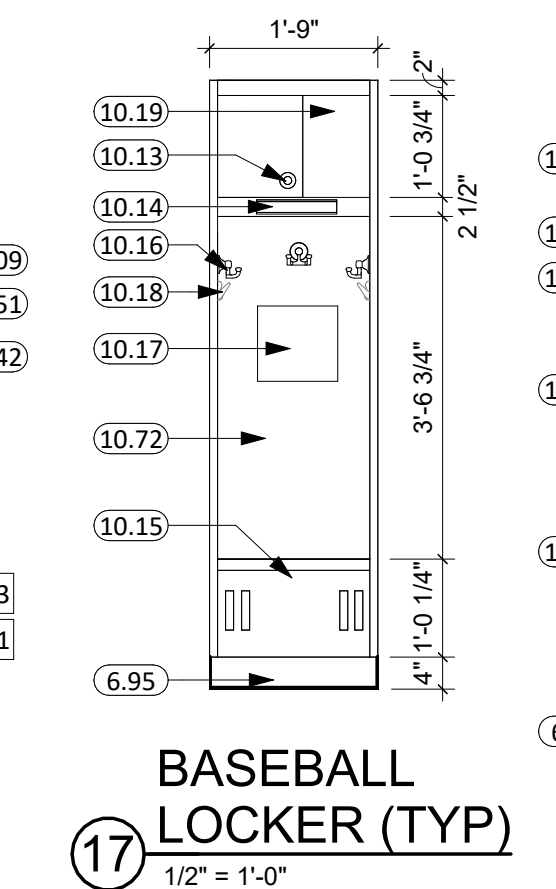
⑭ SHOWER SIDE ELEV.
1/4" = 1'-0"



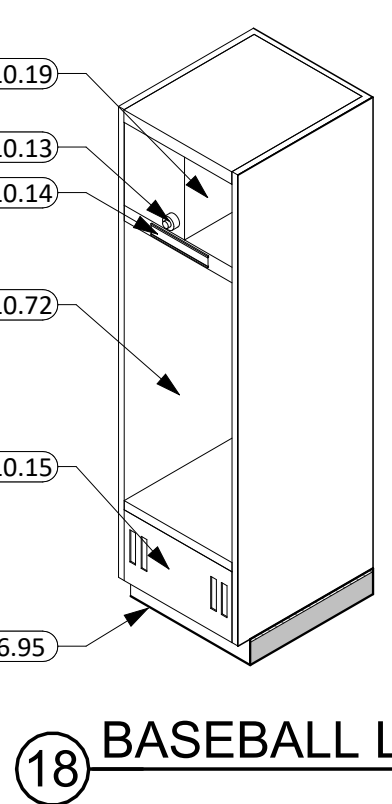
⑮ SHOWER BACK ELEV.
1/4" = 1'-0"



⑯ SHOWER SIDE ELEV.
1/4" = 1'-0"



⑰ BASEBALL LOCKER (TYP)
1/2" = 1'-0"



⑱ BASEBALL LOCKER
1/2" = 1'-0"

GENERAL NOTES

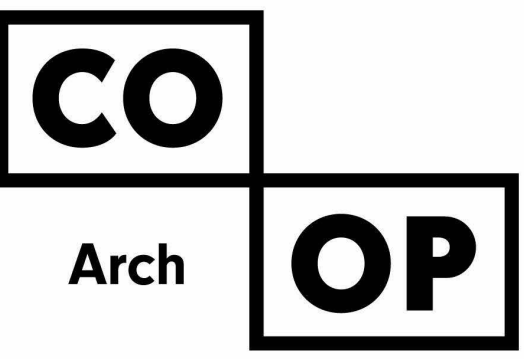
- ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
- ALL DIMENSIONS ARE FROM FACE OF GWB TO FACE OF GWB U.N.O.
- INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
- RESTROOM WALLS ARE SOUND INSULATED AND EXTEND TO THE DECK.
- SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
- VERIFY DRYWALL CONTROL JOINT LOCATIONS W/ ARCHITECT ON SITE PRIOR TO INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROL JOINTS AT 30'-0" O.C. MAX. IN LONG WALL EXPANSIONS. CONTROL JOINTS AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CONSIDERATION SHALL ALSO BE GIVEN TO LOCATING CONTROL JOINTS FROM FLOOR TO CEILING AT EITHER EDGE OF LARGE WINDOW OPENINGS.
- SEE FLOOR PLAN FOR CASEWORK PLAN INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS. COORDINATE ALL CASEWORK DIMENSIONS WITH OWNER PROVIDED AND CONTRACTOR PROVIDED APPLIANCES/EQUIPMENT.
- COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL.
- PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF 48" O.C.
- PROVIDE FINISHED END PANELS AT ALL EXPOSED MILLWORK SURFACES.
- MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS & SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
- PROVIDE 2x BLOCKING AT ALL GRAB BAR AND FUTURE GRAB BAR LOCATIONS. SEE CODE SHEETS FOR ADDITIONAL BLOCKING INFORMATION.
- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
- PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS AND ANY WALLS EXPOSED TO MOISTURE.
- PROVIDE GLASS MATTED GYPSUM SHEATHING BEHIND TILE FINISHES AT ALL SHOWERS AND BATHTUBS.
- REFER TO SHEET G001 FOR ALL ADA CODE STANDARDS.
- GC TO CLEAN/PREP. AND PAINT ALL EXPOSED HVAC UNITS.

KEYNOTE SCHEDULE

4.25	PATCH EXISTING CMU WALL TO MATCH SURROUNDING AREA WHERE WALLS, FIXTURES, OR M.E.P. COMPONENTS HAVE BEEN REMOVED (TYP)
6.68	CUSTOM WOOD SHELVING TO MATCH SURROUNDING ATHLETIC LOCKERS
6.73	PLASTIC LAMINATE BASE CABINET
6.79	REMOVABLE PLASTIC LAMINATE PLUMBING SHROUD
6.95	2x WOOD FRAME w/ 1/2" PLYWOOD TOP (ALL GREEN TREATED) - COVER W/VB
6.96	NEW ATHLETIC LOCKERS (TYP) - SEE PROJECT MANUAL
10.10	TOILET PARTITION, BASIS OF DESIGN SCRANTON HINY HIDERS
10.11	URINAL SCREEN, BASIS OF DESIGN SCRANTON HINY HIDERS
10.13	LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
10.14	NAME PLATE (2.25" x 8")
10.15	VENTILATED FOOT LOCKER w/ LIFT LID
10.16	3 DOUBLE HOOKS
10.17	LOGO GRAPHIC AT LOCKER BACK
10.18	2 BASEBALL BAT HOOKS
10.19	OPEN CUBBY SHELF
10.30	CORNER GUARDS
10.40	MIRROR w/SS TRIM, BASIS OF DESIGN BOBRICK B-165
10.42	ROBE HOOK, BASIS OF DESIGN BOBRICK B-677
10.44	TOILET TISSUE DISPENSER, (BASIS OF DESIGN BOBRICK B-265) -OP/CI
10.48	GRAB BAR
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.52	SHOWER SEAT W/GRAB BARS - ADA
10.55	SCHLUTER SYSTEMS CORNER SHELF
10.72	ATHLETIC LOCKERS (SEE PROJECT MANUAL)
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
12.05	TELEVISION & MOUNTING HARDWARE BY OWNER - OUTLINE SHOWN FOR REFERENCE ONLY
22.09	SEE PLUMBING DRAWINGS AND PROJECT MANUAL FOR MORE INFORMATION
22.10	WATER CLOSET
22.22	EXISTING URINAL TO REMAIN

LOCKER FINISH/GENERAL NOTES (BASEBALL)

- SINGLE TIER CUSTOM LOCKER 21"W x 24"D x 72"H - 3/4" PRESSURE LAMINATE PANELS WITH 3MM EDGE BAND, GLUE AND DOWEL CONSTRUCTION, COLOR SELECTED FROM MFG STANDARDS.
- FOOT LOCKER MATERIAL TO BE SOLID COLOR CORE TO ALLOW FOR VENT HOLES TO BE DRILLED AND PROVIDE A FINISHED LOOK.
- LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
- NAME PLATE (2.25" x 8")
- FOOT LOCKER LIFT LID w/ CONCEALED HINGES & HASP LOCK, STORAGE BELOW
- BAT HOLDERS (2 PER LOCKER), & 3 DOUBLE HOOKS (SATIN CHROME)
- LOGO GRAPHIC AT LOCKER BACK



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Phone: 605-725-4852

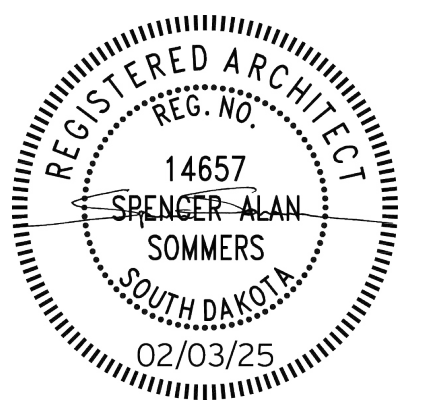
1113 St Joseph Street
Rapid City, SD 57701
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Sioux Falls, SD 57104
Phone: 605-334-9999

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CO-OP PROJECT NO: 2437



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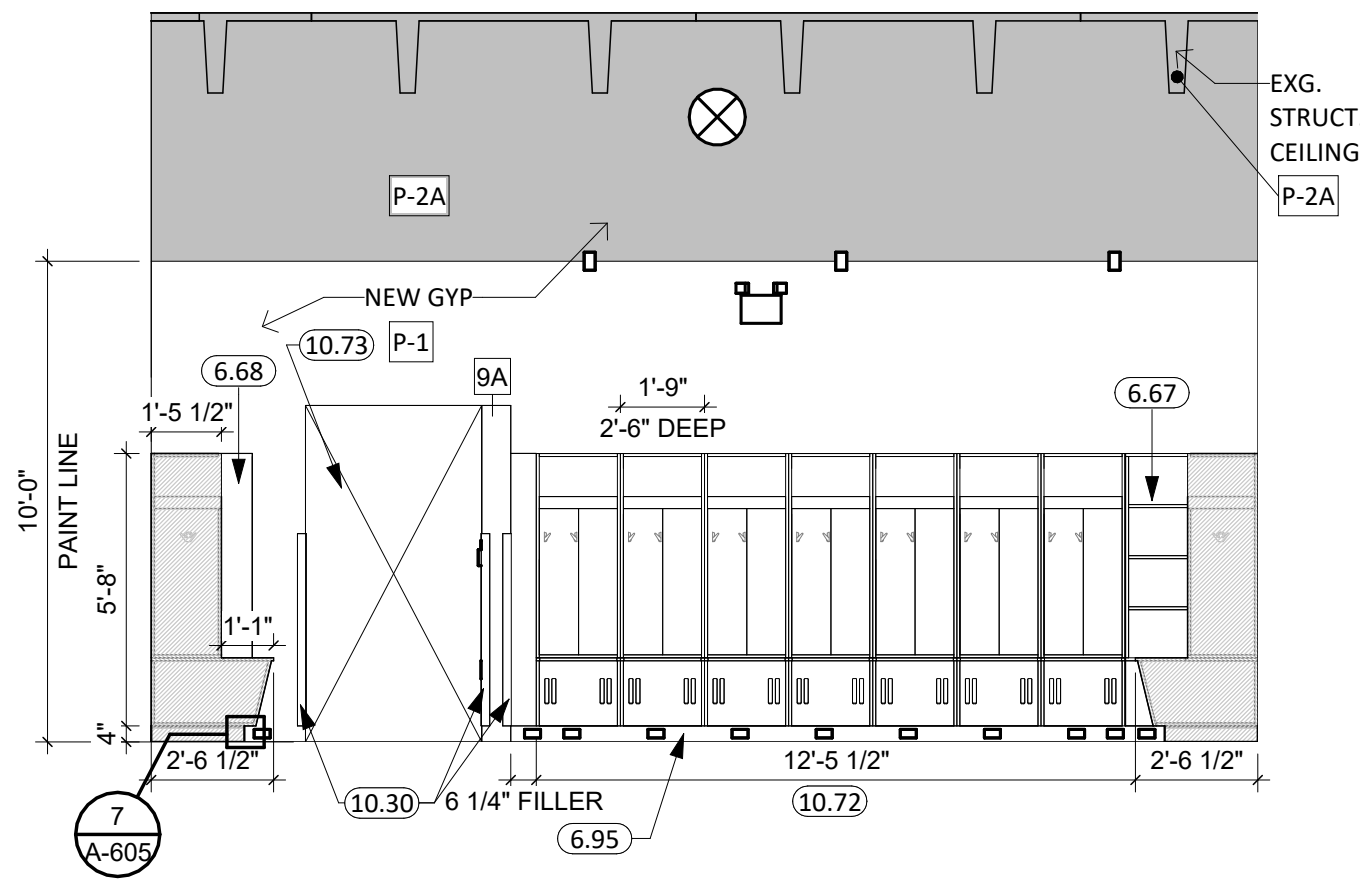
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

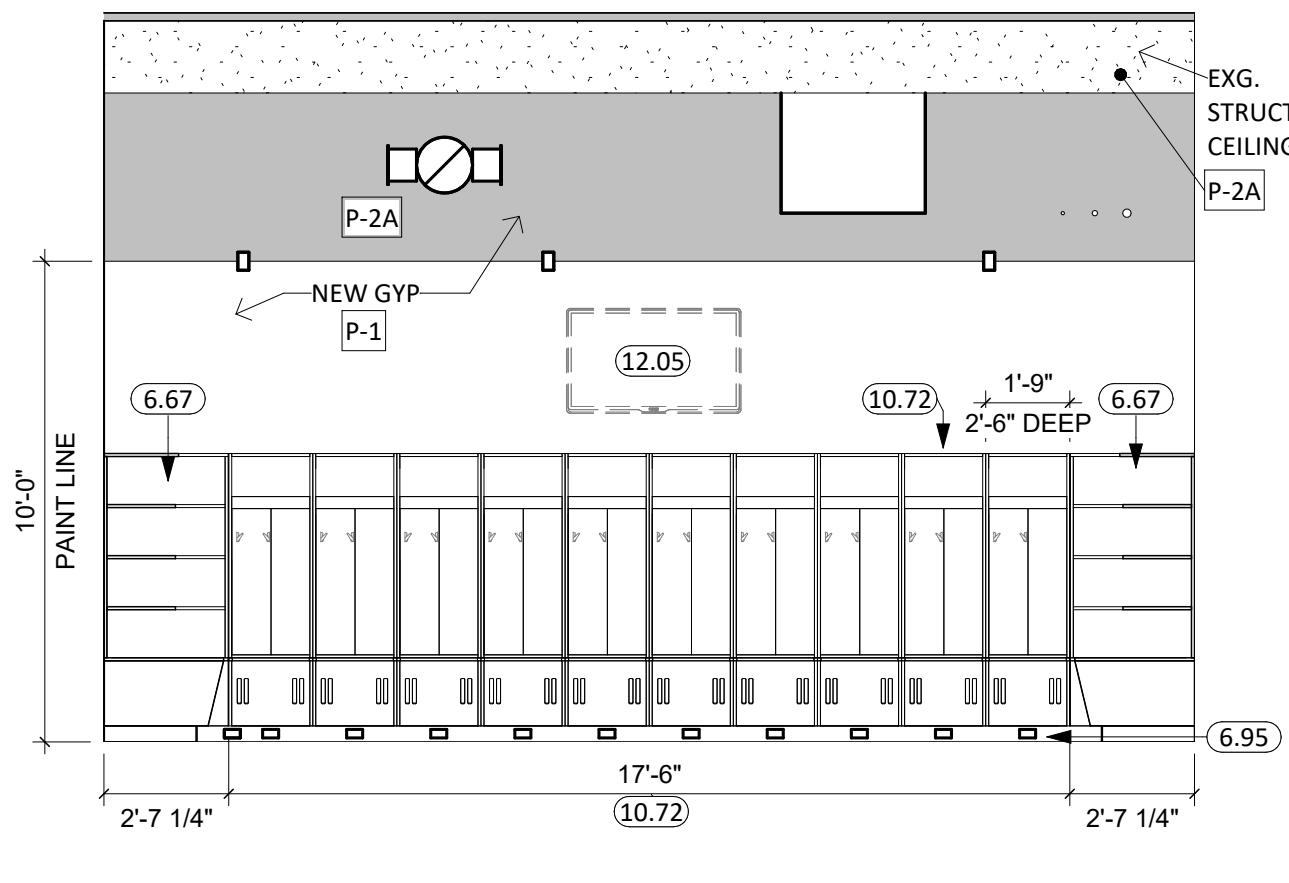
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
BASEBALL LOCKER ROOM
INTERIOR ELEVATIONS

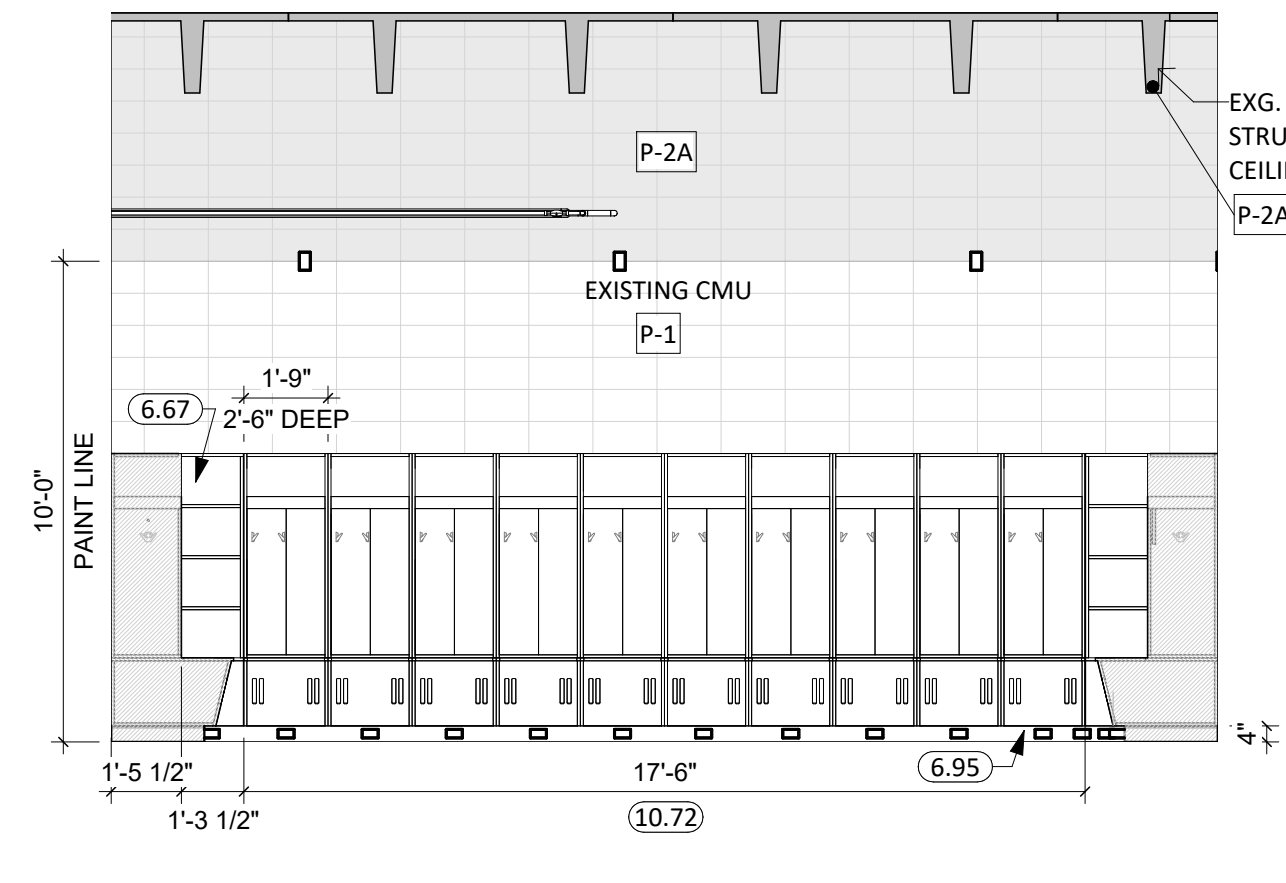
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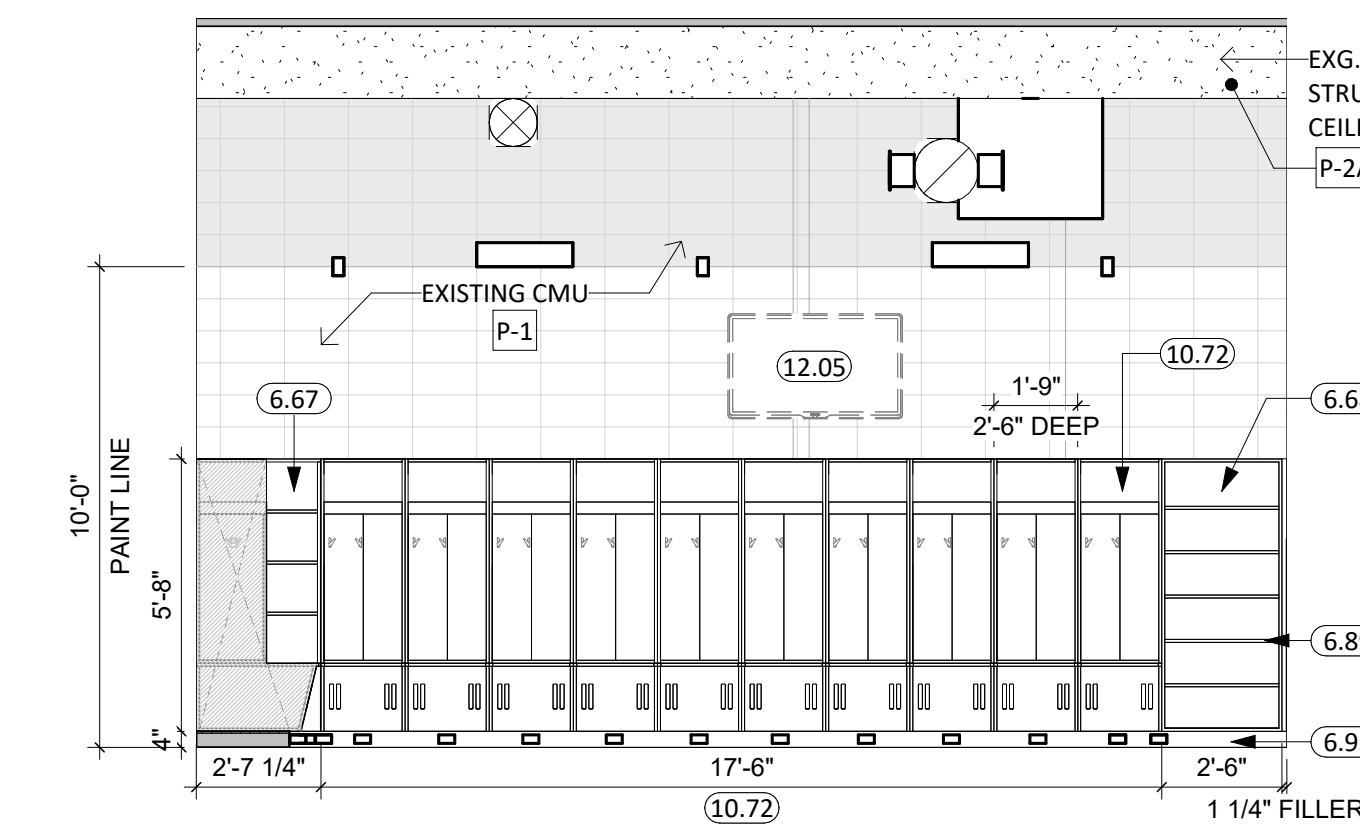
1 WRESTLING 114 - EAST
1/4" = 1'-0"



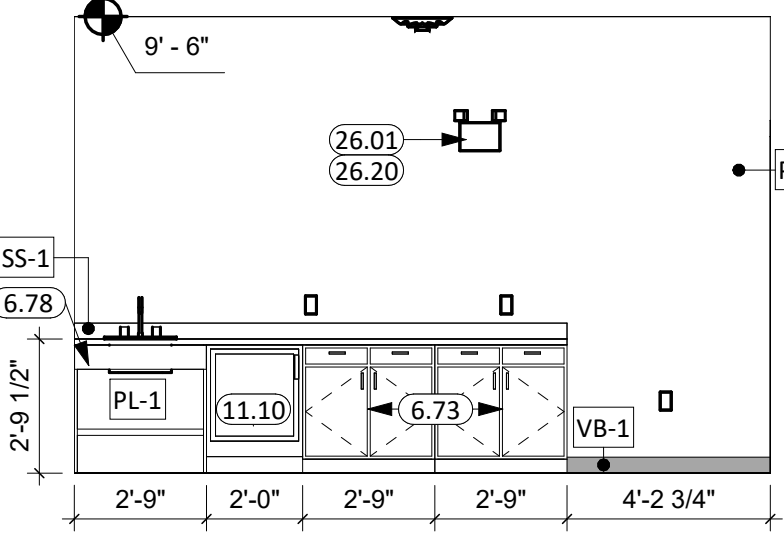
2 WRESTLING 114 - SOUTH
1/4" = 1'-0"



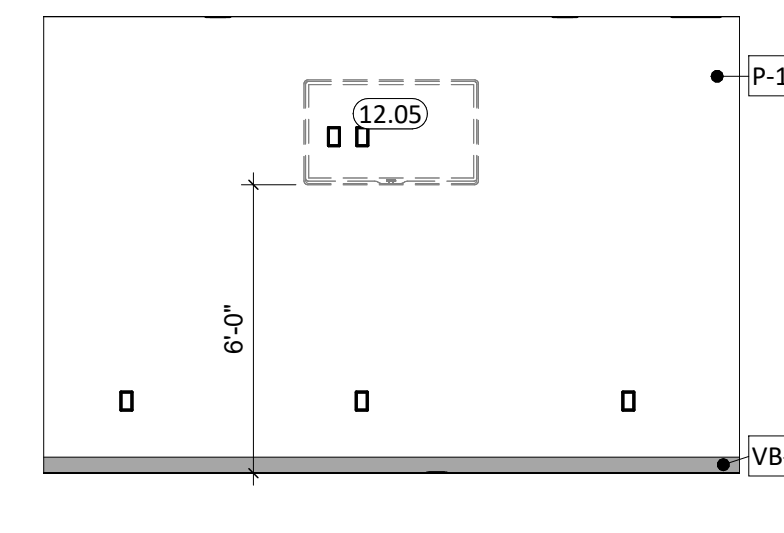
3 WRESTLING 114 - WEST
1/4" = 1'-0"



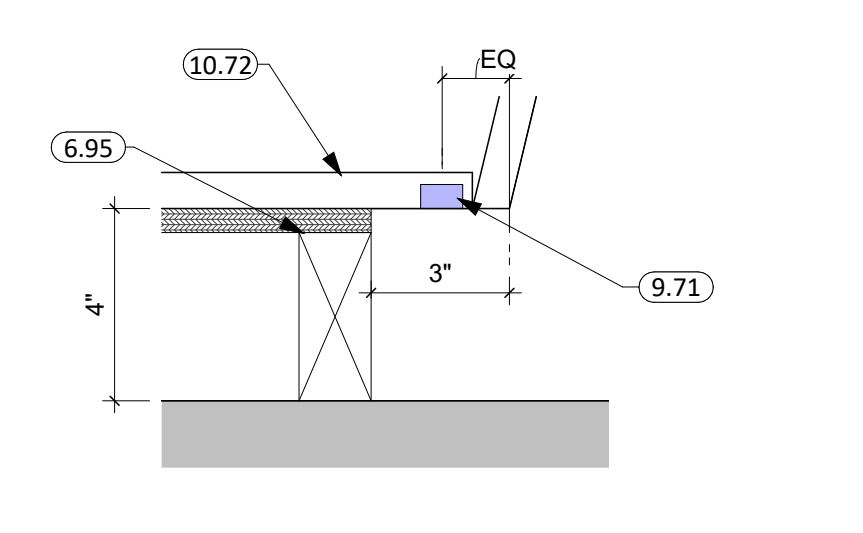
4 WRESTLING 114 - NORTH
1/4" = 1'-0"



5 WRESTLING LOUNGE 115 - SOUTH ELEVATION
1/4" = 1'-0"



6 LOUNGE 115 - NORTH
1/4" = 1'-0"



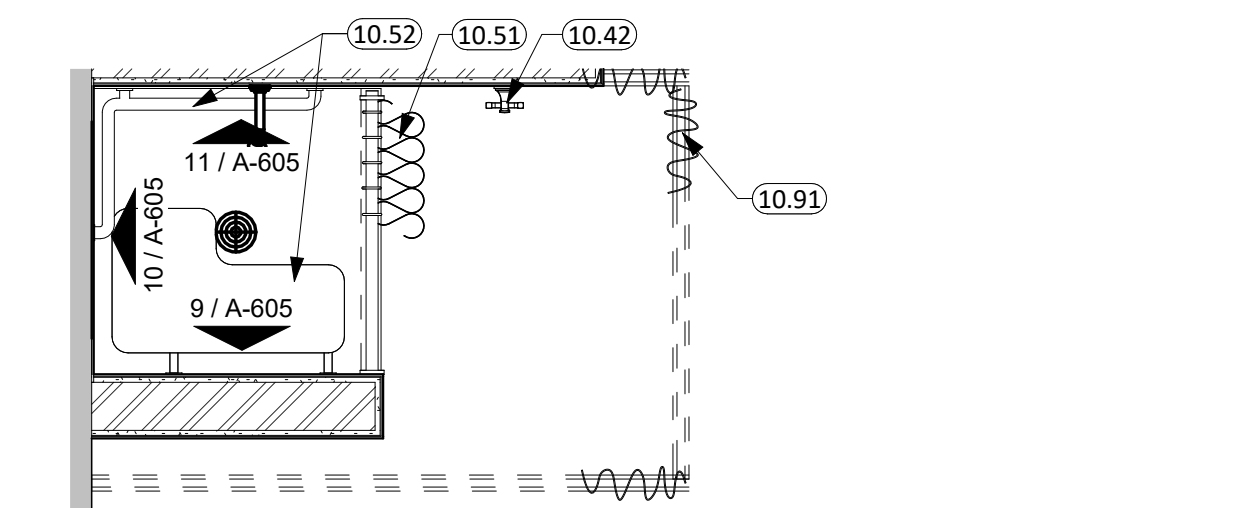
7 TOEKICK LIGHTING (WRESTLING LOCKERS ONLY)
3" = 1'-0"

- ### GENERAL NOTES
- ALL WALLS EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
 - ALL DIMENSIONS ARE FROM FACE OF GWB TO FACE OF GWB U.N.O.
 - INTERIOR WALL FINISHES ARE FULL HEIGHT, U.N.O.
 - RESTROOM WALLS ARE SOUND INSULATED AND EXTEND TO THE DECK.
 - SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
 - VERIFY DRYWALL CONTROL JOINT LOCATIONS W/ ARCHITECT ON SITE PRIOR TO INSTALLATION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROL JOINTS AT 30'-0" O.C. MAX. IN LONG WALL EXPANSES. CONTROL JOINTS AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CONSIDERATION SHALL ALSO BE GIVEN TO LOCATING CONTROL JOINTS FROM FLOOR TO CEILING AT EITHER EDGE OF LARGE WINDOW OPENINGS.
 - SEE FLOOR PLAN FOR CASEWORK PLAN INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS. COORDINATE ALL CASEWORK DIMENSIONS WITH OWNER PROVIDED AND CONTRACTOR PROVIDED APPLIANCES/EQUIPMENT.
 - COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL.
 - PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF 48" O.C.
 - PROVIDE FINISHED END PANELS AT ALL EXPOSED MILLWORK SURFACES.
 - MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS & SCRIBE STRIPS AS NEEDED FOR COMPLETE INSTALLATION.
 - REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
 - PROVIDE 2x BLOCKING AT ALL GRAB BAR AND FUTURE GRAB BAR LOCATIONS. SEE CODE SHEETS FOR ADDITIONAL BLOCKING INFORMATION.
 - CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
 - COORDINATE INSTALLATION OF OWNER PROVIDED EQUIPMENT WITH NEW CONSTRUCTION.
 - PROVIDE WATER-RESISTANT GYPSUM BOARD PANELS AT ALL BATHROOM WALLS AND ANY WALLS EXPOSED TO MOISTURE.
 - PROVIDE GLASS-MATTIE FACED GYPSUM SHEATHING BEHIND TILE FINISHES AT ALL SHOWERS AND BATHTUBS.
 - REFER TO SHEET G001 FOR ALL ADA CODE STANDARDS.
 - GC TO CLEAN/PREP, AND PAINT ALL EXPOSED HVAC UNITS.

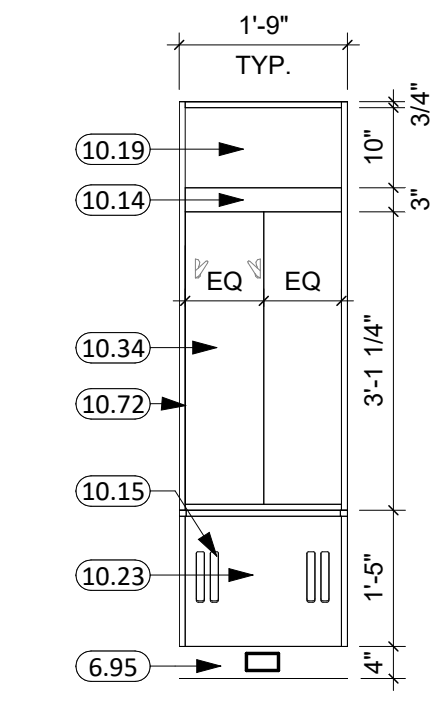
KEYNOTE SCHEDULE

6.67	CUSTOM WOOD CORNER SHELVING TO MATCH SURROUNDING ATHLETIC LOCKERS
6.68	CUSTOM WOOD SHELVING TO MATCH SURROUNDING ATHLETIC LOCKERS
6.73	PLASTIC LAMINATE BASE CABINET
6.78	PLASTIC LAMINATE REMOVABLE PANEL
6.89	ADJUSTABLE SHELVING & BRACKETS
6.95	2x WOOD FRAME w/ 1/2" PLYWOOD TOP (ALL GREEN TREATED) - COVER W/VB
9.71	1/2" DEEP x 7/8" WIDE CHANNEL UNDER FOOT LOCKER FOR LED DOWN LIGHTING (VERIFY FINAL SIZE WITH EC)
10.13	LOCK BOX WITH 2-DIAL COMBINATION LOCK ON UPPER CUBBY
10.14	NAME PLATE (2.25" x 8")
10.15	VENTILATED FOOT LOCKER w/ LIFT LID
10.16	3 DOUBLE HOOKS
10.19	OPEN CUBBY SHELF
10.23	LOGO GRAPHIC
10.30	CORNER GUARDS
10.34	POCKET DOORS
10.35	CLOTHES ROD
10.42	ROBE HOOK, BASIS OF DESIGN BOBRICK B-677
10.51	SHOWER ROD, CURTAIN, & HOOKS
10.52	SHOWER SEAT W/GRAB BARS - ADA
10.72	ATHLETIC LOCKERS (SEE PROJECT MANUAL)
10.73	CORNER & FILLER PANELS TO MATCH NEARBY ATHLETIC LOCKERS (SIDES & TOP)
10.91	CEILING MOUNTED CUBICLE CURTAIN, TRACK, & HOOKS
11.10	REFRIGERATOR
12.05	TELEVISION & MOUNTING HARDWARE BY OWNER - OUTLINE SHOWN FOR REFERENCE ONLY
22.09	SEE PLUMBING DRAWINGS AND PROJECT MANUAL FOR MORE INFORMATION
26.01	SURFACE MOUNTED LIGHT FIXTURE (SEE ELECTRICAL)
26.20	ELECTRICAL DEVICE (SEE ELECTRICAL)

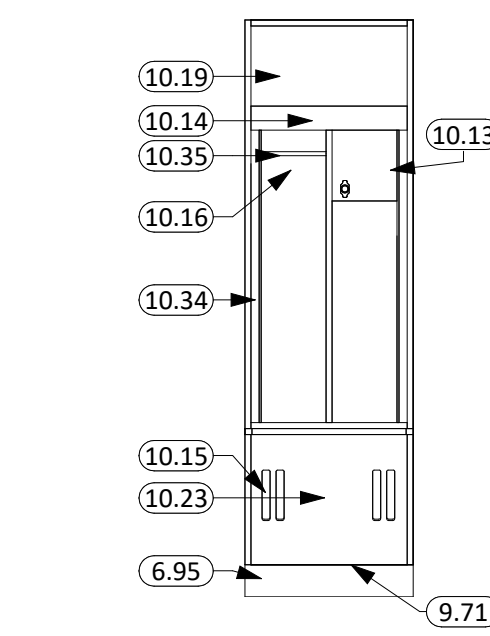
- ### LOCKER FINISH/GENERAL NOTES (WRESTLING)
- SINGLE TIER CUSTOM LOCKER 21"W x 30"D x 68"H - 3/4" PRESSURE LAMINATE PANELS WITH 3MM EDGE BAND, GLUE AND DOWEL CONSTRUCTION, COLOR SELECTED FROM MFG STANDARDS.
 - 2-DIAL COMBINATION LOCK
 - NAME PLATE (2.25" x 8")
 - FOOT LOCKER MATERIAL TO BE SOLID COLOR CORE TO ALLOW FOR VENT HOLES TO BE DRILLED AND PROVIDE A FINISHED LOOK.
 - LOWER FOOT LOCKER WITH SOLID SURFACE SEAT LIFT LID w/ CONCEALED HINGES & HASP LOCK, STORAGE BELOW
 - CLOTHES ROD & 3 DOUBLE HOOKS (SATIN CHROME)
 - LOGO GRAPHIC AT FOOT LOCKER FRONT
 - POCKET DOORS WITH NO PULLS - PUSH TO OPEN HARDWARE INSIDE - CONCEALED EURO-STYLE HINGES WITH 110 DEGREE OPENING
 - CHANNEL FOR LED DOWN LIGHTING UNDER FOOT LOCKER.



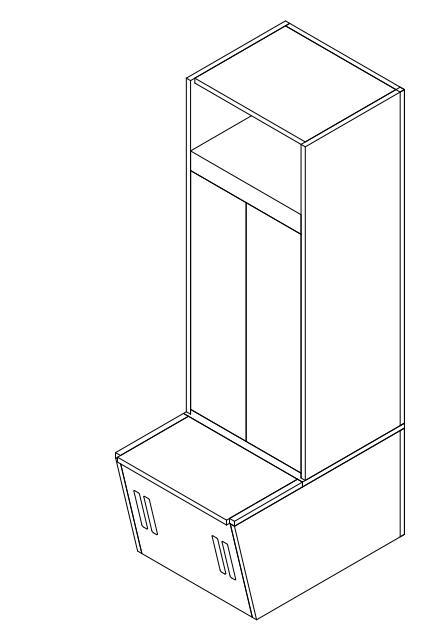
8 ENLARGED WRESTLING/BASEBALL LOCKER ROOM - ADA SHOWER
1/2" = 1'-0"



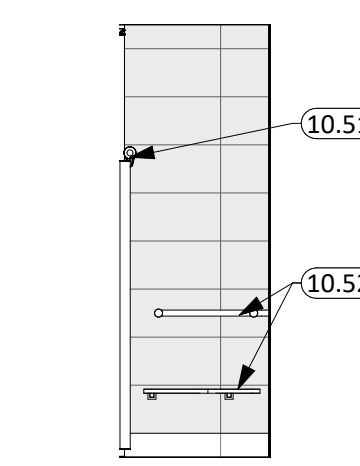
12 WRESTLING TYP. LOCKER
1/2" = 1'-0"



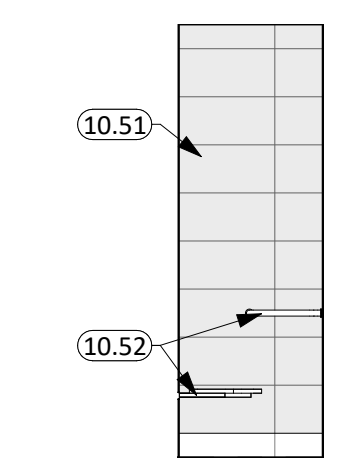
13 TYP. WRESTLING LOCKER (OPEN)
1/2" = 1'-0"



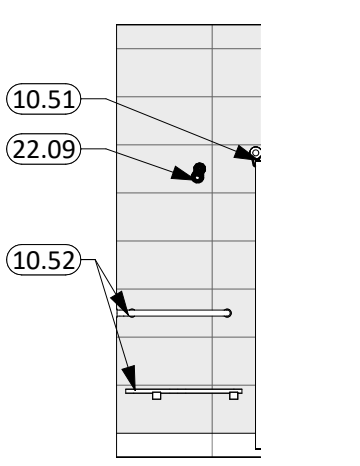
14 WRESTLING TYP. LOCKER ISOMETRIC



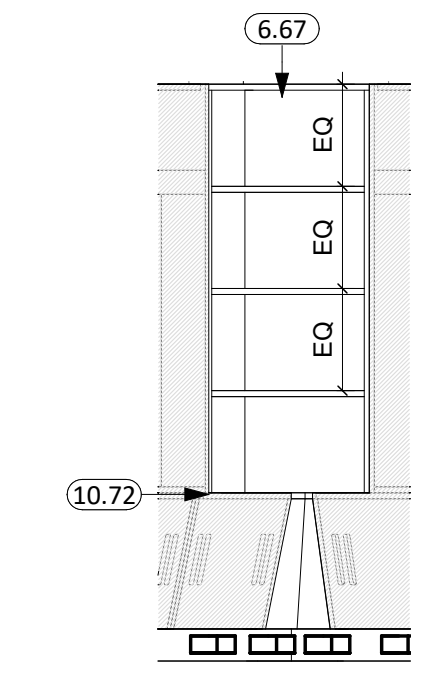
9 SHOWER SIDE ELEV.
1/4" = 1'-0"



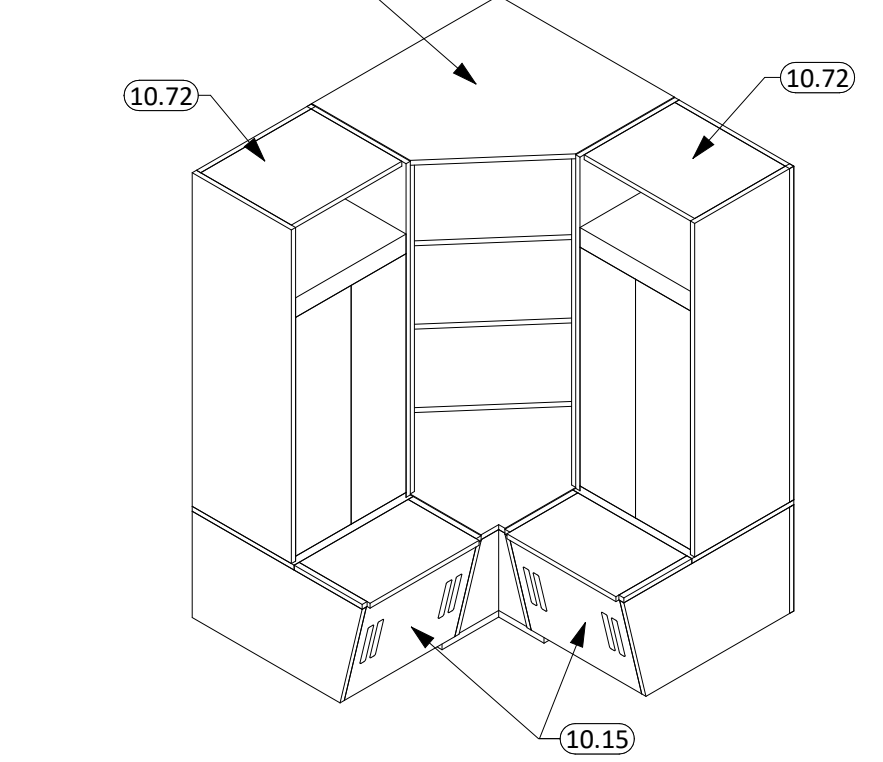
10 SHOWER BACK ELEV.
1/4" = 1'-0"



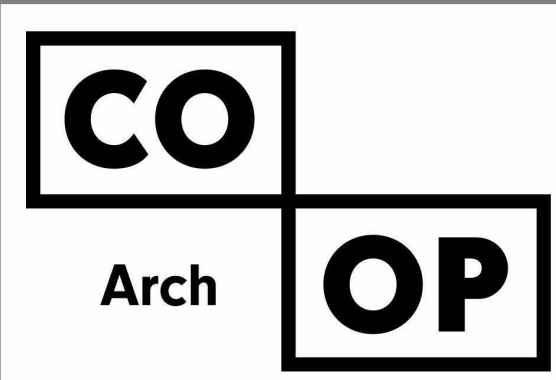
11 SHOWER SIDE ELEV.
1/4" = 1'-0"



15 WRESTLING CORNER SHELVING
1/2" = 1'-0"



16 TYP. WRESTLING CORNER



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Phone: 605-725-4852

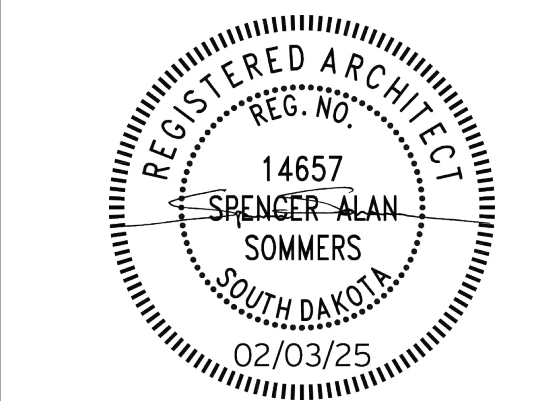
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Rapid City, SD 57701
Phone: 605-491-2485

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CO-OP PROJECT NO: 2437



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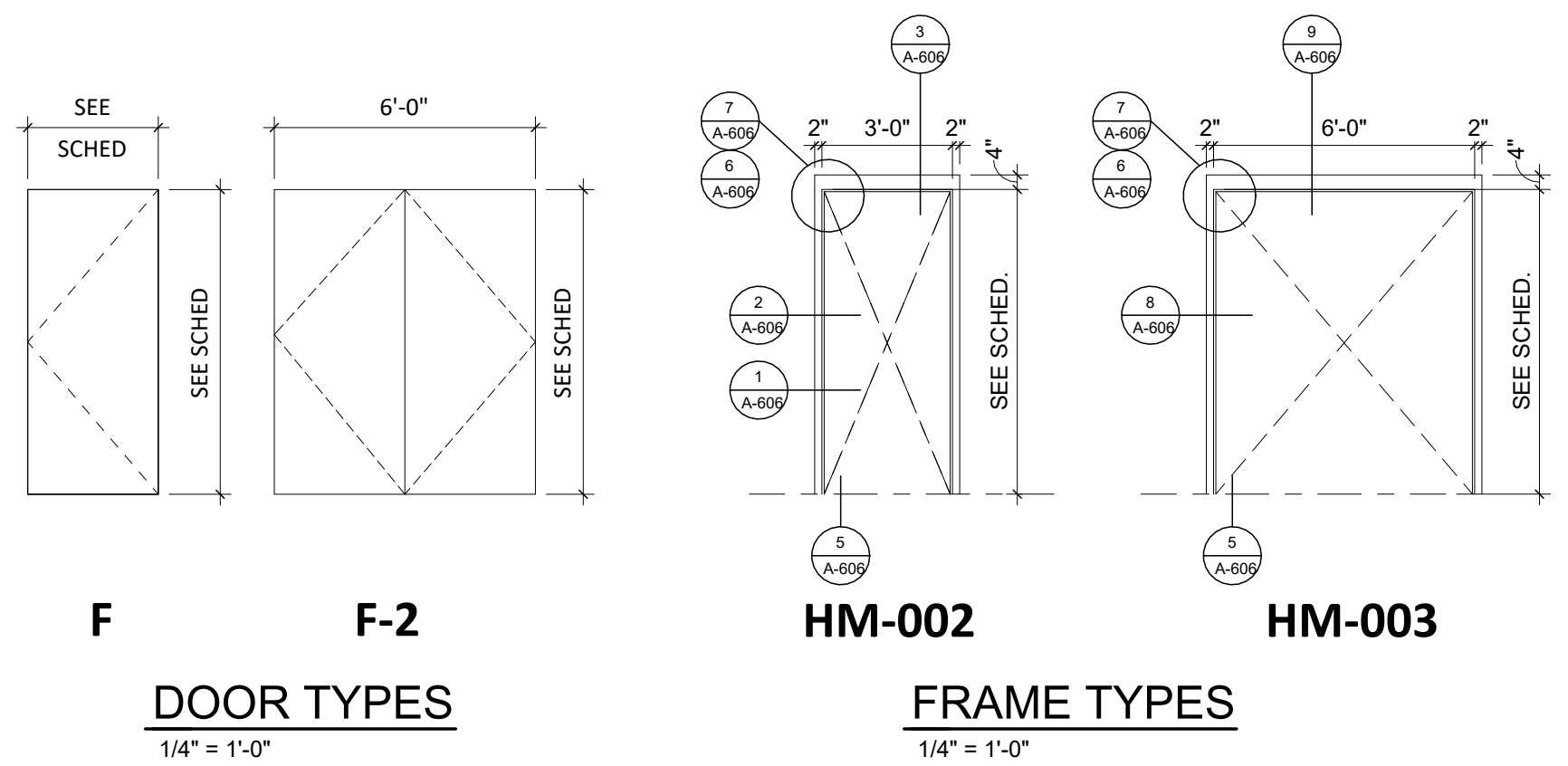
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING LOCKER ROOM
INTERIOR ELEVATIONS

A-605

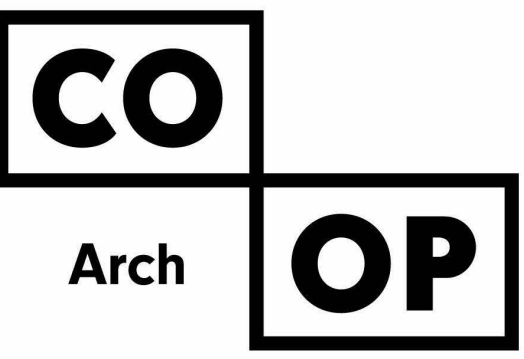
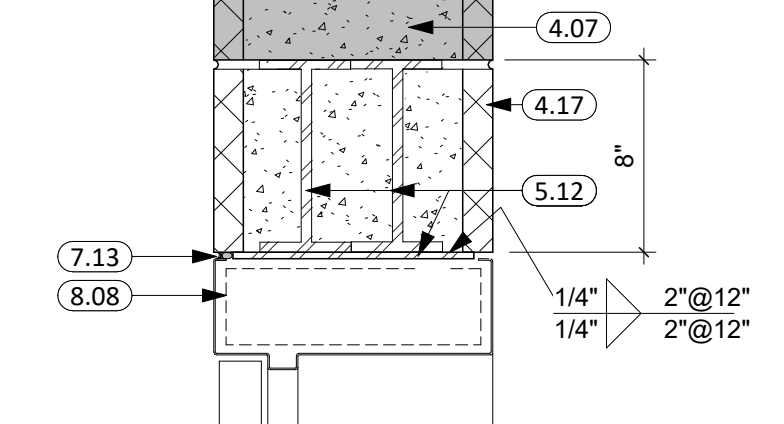
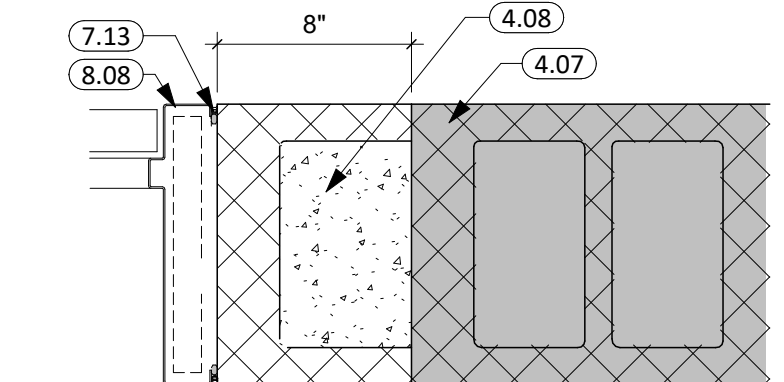
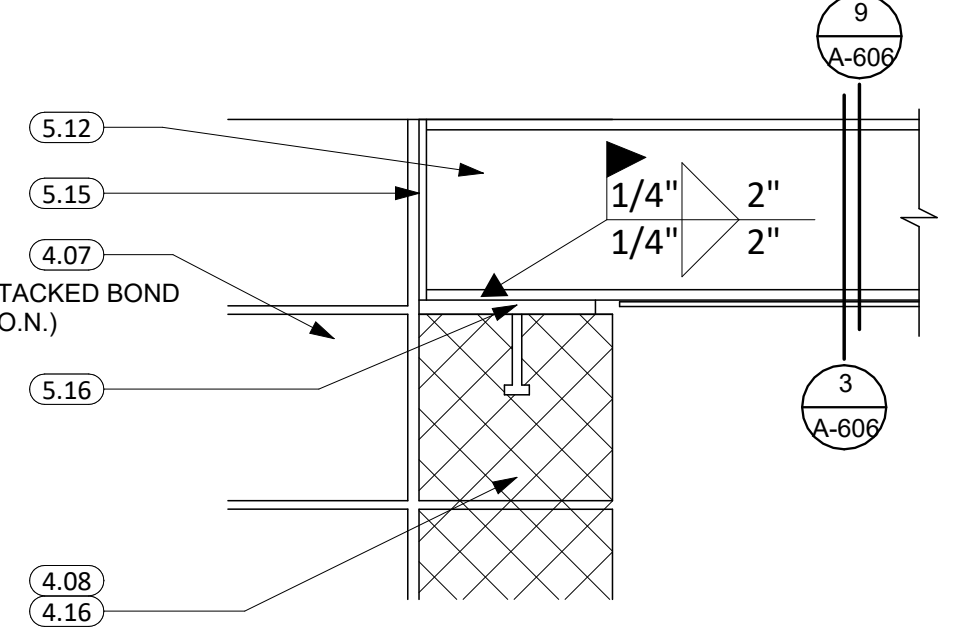
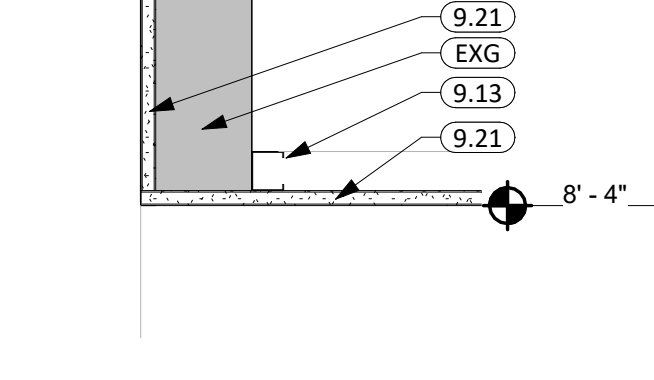
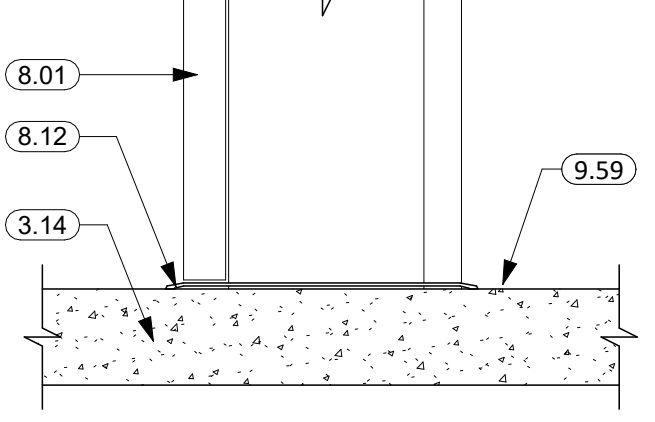
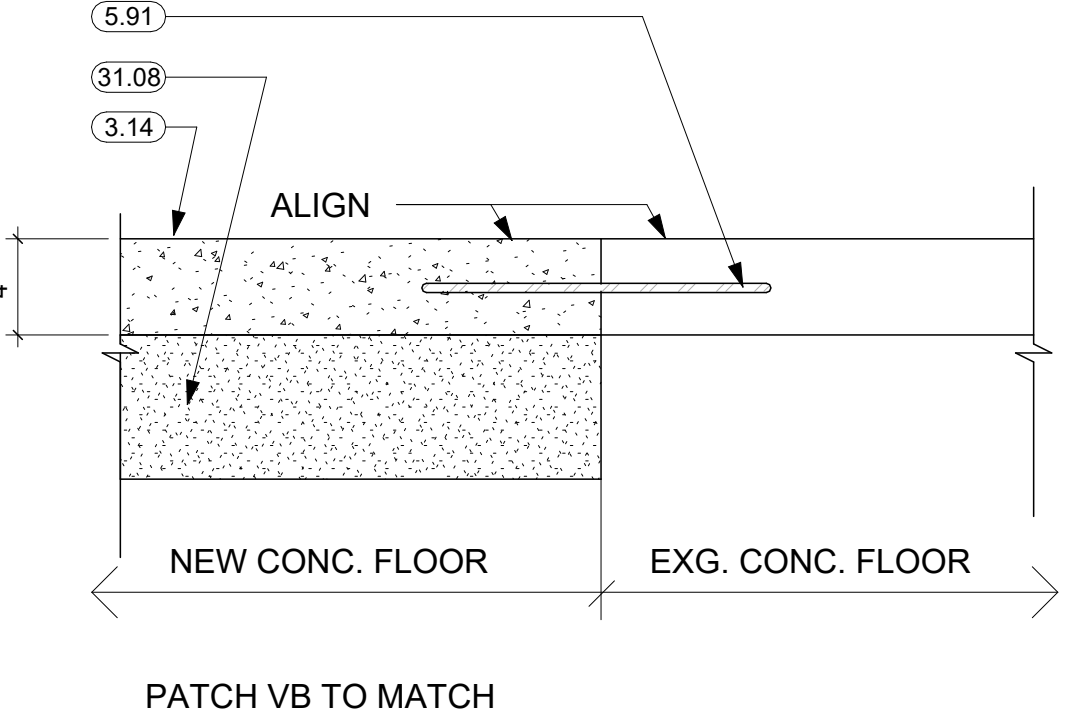
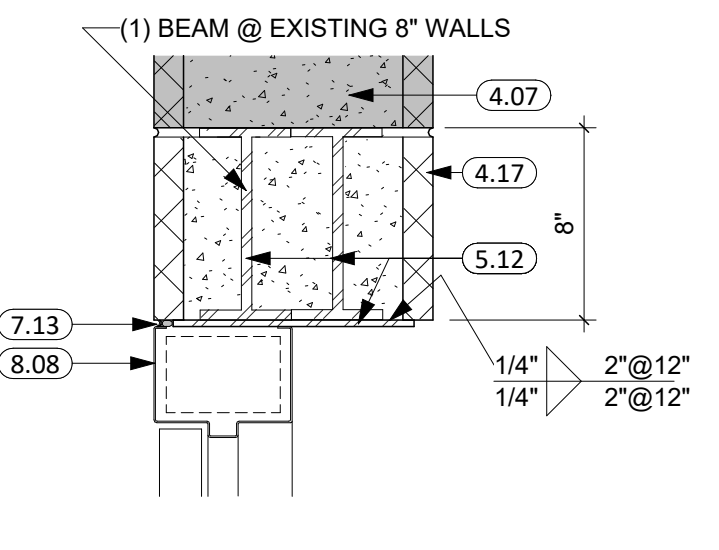
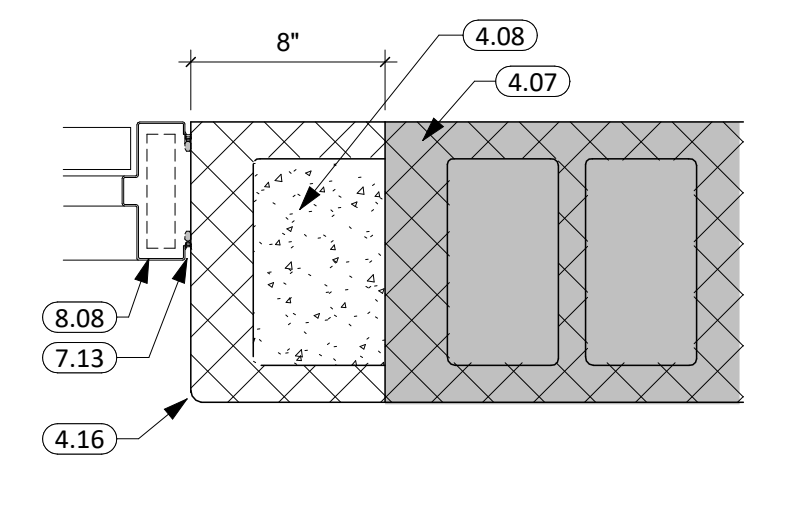
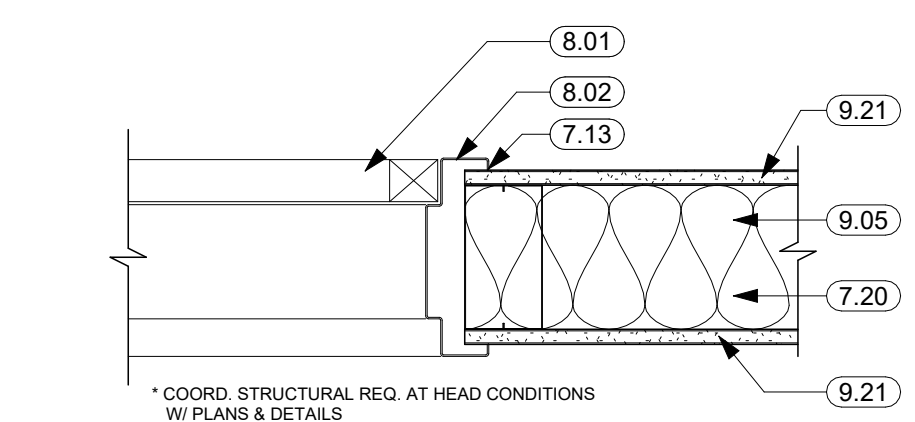


NO.	DOOR			TYPE	MAT'L	FRAME		Hardware Group	ADDITIONAL NOTES
	W	H	T			TYPE	MAT'L		
A101	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	01	4" HEAD, DOOR SIGNAGE TO INCLUDE MAX. OCC. 49
A102	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	02	4" HEAD, INCLUDE DOOR SIGNAGE
A103	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	02	4" HEAD, INCLUDE DOOR SIGNAGE
A104	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	01	4" HEAD, DOOR SIGNAGE TO INCLUDE MAX. OCC. 49
A105	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	04	4" HEAD, INCLUDE DOOR SIGNAGE
A106	3'-0"	7'-0"	0'-1 3/4"	F	WD	HM-002	HM	01	4" HEAD, DOOR SIGNAGE TO INCLUDE MAX. OCC. 49
A109	3'-0"	7'-0"	0'-1 3/4"	F-2	WD	HM-002	HM	01	4" HEAD, DOOR SIGNAGE TO INCLUDE MAX. OCC. 49
A110	6'-0"	7'-0"	0'-1 3/4"	F-2	WD	HM-003	HM	05	4" HEAD, INCLUDE DOOR SIGNAGE
A111	6'-0"	7'-0"	0'-1 3/4"	F-2	WD	HM-003	HM	05	4" HEAD, INCLUDE DOOR SIGNAGE

- GENERAL NOTES**
- ALL HM FRAMES IN STUD PARTITIONS SHALL BE WRAPPED AROUND BOTH SIDES OF PARTITION (U.O.N.) SEE PLAN FOR WALL THICKNESS.
 - CAULK ENTIRE PERIMETER OF H.M. FRAMES (BOTH SIDES).
 - PAINT H.M. FRAMES TO MATCH EXISTING. SPLIT PAINT COLOR AT DOOR GASKET AS REQUIRED.
 - PROVIDE ROOM SIGNAGE AT ALL DOORS. WHERE MOUNTED TO GLAZING, PROVIDE A BLANK BACK PLATE ON OPPOSITE SIDE OF GLAZING. SEE CODE STANDARDS FOR MOUNTING HEIGHTS AND LOCATIONS. SEE SPECIFICATIONS FOR SPECIAL SIGNAGE REQ.
 - REFER TO WALL TYPES FOR WALL CONSTRUCTION ELEMENTS FOR ALL DOOR AND WINDOW DETAILS.

KEYNOTE SCHEDULE

3.14	4" CONCRETE FLOOR SLAB ON GRADE w/ FIBERMESH REINFORCEMENT & 15 MIL. VAPOR BARRIER BELOW
4.07	EXISTING CMU WALL
4.08	GROUT SOLID DOWN TO SLAB
4.16	CMU BULLNOSE CORNER UNIT
4.17	CMU SOAP BLOCK
5.12	STRUCTURAL STEEL LINTEL (2) W8X10 W/3/8" STL. BOT. PL. STOPPED 1/2" SHORT OF JAMB - PAINT EXPOSED STEEL TO MATCH FRAME
5.15	3/8" END PLATE
5.16	10"x8"x1/2" STEEL BEARING PLATE w/(2) 5/8"x4" H.A.S. @ EACH END
5.91	#5 REBAR @ 16" O.C. - PIN AND EPOXY
7.13	SEALANT AROUND PERIMETER (TYP. BOTH SIDES)
7.20	BATT INSULATION
8.01	DOOR (SEE SCHED.)
8.02	FRAME (SEE SCHED.)
8.08	HOLLOW METAL FRAME
8.12	THRESHOLD
9.05	6" STEEL STUD @ 16" O.C. (U.N.O.) & TRACK FRAMING
9.13	1 1/2" CARRYING CHANNEL
9.21	5/8" GYPSUM BOARD
9.59	SEE ROOM FINISH SCHEDULE FOR FLOOR FINISHES
31.08	PROVIDE AND INSTALL ENGINEERED FILL AS REQ'D. COMPACTION TO MEET OR EXCEED 95%
EXG	EXISTING TO REMAIN



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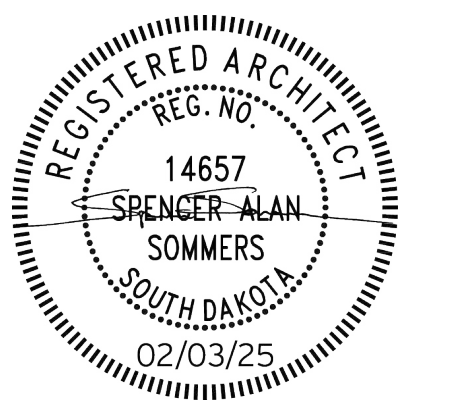
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OSE PROJECT NO: RO124--16X

CO-OP PROJECT NO: 2437



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REV. # REV. DSC. REV. DATE

PROJECT:
BARNETT CENTER,
LOCKER ROOM REMODEL

NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
DOOR SCHEDULE, DETAILS,
SECTIONS

A-606

MECHANICAL LEGEND

EXHAUST GRILLE RETURN AIR GRILLE SUPPLY AIR REGISTER FLEX DUCT ROOF VENTILATOR EXHAUST T THERMOSTAT Z ZONE STAT S SENSOR H HUMIDISTAT ELBOW UP ELBOW DN RECT. DUCT NEG. PRESSURE RECT. DUCT POS. PRESSURE ELBOW UP ELBOW DN	EQUIPMENT TAG EQUIPMENT NO. TRENCH DRAIN (TD) FLOOR DRAIN (ED) CLEAN OUT (CO) FLOOR SINK (ES) ROOF DRAIN (RD) OVERFLOW ROOF DRAIN (ORD) BALL VALVE OR ISO VALVE - (I.V.) ZONE DAMPER (ZD) VOLUME DAMPER (V) MOTORIZED DAMPER (M) COMBINATION SMOKE & FIRE DAMPER (C) BACKDRAFT DAMPER (BD) SMOKE DAMPER (S) FIRE DAMPER (F) DAMPER	# OF DETAIL WHERE DETAIL APPEARS # OF SECTION # OF SHEET WHERE SECTION APPEARS EXISTING (EXG) CONNECT TO EXISTING (EXG) CAST IRON PIPE (C.I.P.) POWER ROOF VENTILATOR (PRV)	GREASE W WASTE - SANITARY SEWER (W) UG UNDERGROUND NATURAL GAS (UG) G NATURAL GAS (G) ULP UNDERGROUND LIQUID PROPANE (ULP) LP LIQUID PROPANE (LP) V VENT PIPING (V) LPS LOW PRESSURE STEAM (LPS) LPC STEAM CONDENSATE (LPC) CW DOMESTIC COLD WATER (CW) HW DOMESTIC HOT WATER (HW) DHWR DOMESTIC HOT WATER RECIRC. (DHWR) CD CONDENSATE DRAIN (CD) RO-CW REVERSE OSMOSIS (RO-CW) SOFT-CW SOFTENED CW (SOFT-CW) ST STORM DRAIN (ST) ST BELOW GRADE STORM DRAIN (ST) OST OVERFLOW STORM DRAIN (OST) RS REFRIGERANT SUCTION PIPE (RS) RL REFRIGERANT LIQUID (RL) HWR HEATING WATER RETURN (HWR) HWS HEATING WATER SUPPLY (HWS) GTR GEOTHERMAL RETURN (GTR) GTS GEOTHERMAL SUPPLY (GTS) CWR CHILLED WATER RETURN (CWR) CWS CHILLED WATER SUPPLY (CWS) CHR CHILLED & HEATING WATER RETURN (CHR) CHS CHILLED & HEATING WATER SUPPLY (CHS) PD PUMP DISCHARGE (PD) CA COMPRESSED AIR (CA)
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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\$	SINGLE POLE SWITCH	##	LIGHTING FIXTURE E = EMERGENCY BALLAST NL = NIGHT LIGHT ## = FIXTURE ID TAG a,b = CNTRL/RELAY ID TAG		SMOKE DETECTOR
\$3	THREE WAY SWITCH		UNDER CABINET FIXTURE		HEAT DETECTOR (FT = FIXED TEMPERATURE)
\$4	FOUR WAY SWITCH		WALL MOUNTED FIXTURE		MANUAL PULL STATION
\$LV	LOW VOLTAGE PUSH BUTTON SWITCH		RECESSED FIXTURE		HORN/STROBE
\$D	DIMMER SWITCH		PHOTO CONTROL		CEILING MOUNGH HORN/STROBE
\$T	TIMER SWITCH		SECURITY CAMERA		STROBE ONLY XX CANDELA RATING
\$O	OCCUPANCY SENSOR		WALL SPEAKER		FIRE ALARM WALL SPEAKER
\$P	PILOT LIGHT SWITCH		EXIT FIXTURE		FIRE ALARM CEILING SPEAKER
\$K	KEYED SWITCH		EMERGENCY WALL PACK		FIRE ALARM CONTROL PANEL
\$F	VARIABLE SPEED FAN SWITCH		POLE MOUNTED LIGHT FIXTURE		FIRE ALARM ANNUNCIATOR PANEL
OS1	OCCUPANCY SENSOR - CEILING MOUNTED		CLOCK		TAMPER SWITCH
	POWER PACK FOR LOW VOLTAGE OCCUPANCY SENSOR		NURSE CALL PULL STATION		FLOW SWITCH
	DUPLEX RECEPTACLE		NURSE CALL DUTY STATION		BEAM TRANSMITTER
	GROUND FAULT CIRCUIT INTERRUPTER		NURSE CALL CORRIDOR LIGHT		BEAM RECEIVER
	DUPLEX RECEPTACLE		NURSE CALL CONTROL PANEL		SMOKE DAMPER
	DROP CORD RECEPTACLE (SEE DETAILS)		THERMOSTAT		MOTORIZED DAMPER
	250V 4-WIRE RECEPTACLE		INTERCOM SPEAKER		DUCT SMOKE DETECTOR
	DOUBLE DUPLEX RECEPTACLE		INTERCOM CALL STATION		DOOR STRIKE
	TOP SWITCHED DUPLEX RECEPTACLE		JUNCTION BOX		CARD READER/KEYPAD
	SPECIAL OUTLET		TIME CLOCK		DISCONNECT (F = FUSED)
	DATA/PHONE OUTLET XX INDICATES NO. OF JACKS		VOLUME CONTROL		COMBINATION STARTER
	WALL PHONE OUTLET		TRANSFORMER		RELAY
	CEILING DATA/PHONE OUTLET		CABLE TV - ONE CAT6 & ONE COAX CABLE		CONNECT TO EXISTING
	FLOOR BOX WITH POWER AND DATA		DOOR HOLDER		WIRE GUARD
	FLOOR BOX WITH POWER ONLY				WEATHER PROOF
	MANUAL MOTOR STARTER				ABOVE COUNTER
	MOTOR CONNECTION				UNDER COUNTER
	VARIABLE FREQUENCY DRIVE				UNINTERRUPTIBLE POWER SUPPLY
	HAND DRYER				EXISTING
					MONITOR SEE ARCHITECTURAL ELEVATIONS

SPECIAL NOTES:

- IN AREAS WHERE EXISTING CEILINGS ARE TO REMAIN, EACH TRADE SHALL BE RESPONSIBLE FOR ANY DAMAGE OR REPAIR NEEDED TO EXISTING CEILINGS AS A RESULT OF THEIR WORK.
- EACH TRADE SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING AS NECESSARY TO ALLOW FOR COMPLETION OF THEIR WORK. REFER TO ARCHITECTURAL PLANS FOR SELECTIVE DEMOLITION BY OTHERS.
- ALL CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- THE EXISTING BUILDING WILL BE IN USE DURING THIS CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTIONS. TEMPORARY SERVICES SHALL BE INSTALLED IF ONE PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING OR IF EQUIPMENT HAS TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION, WHICH EXISTED PRIOR TO THE INTERRUPTION.
- ALL DDC TEMPERATURE CONTROL WORK TO BE COMPLETED BY G&R CONTROLS (CONTACT PAUL DOOHN 605-336-0333).
- DURING THE SHOP DRAWING PROCESS, ALL M&E CONTRACTORS TO BE RESPONSIBLE FOR MARKING UP ALL OPENINGS IN THE CONCRETE SLAB, PRECAST WALL, CORE FLOOR, OR STRUCTURAL STEEL FRAMING, AND STRUCTURAL STEEL ROOF JOIST SYSTEMS REQUIRED FOR THE INSTALLATION OF THEIR RESPECTIVE SYSTEMS IN NEW AND EXISTING STRUCTURAL SYSTEMS.
- WHERE PEX PIPING IS USED, PIPING SHALL BE UPONOR PEX-A POTABLE WATER PIPING WITH UPONOR F1960 EXPANDABLE FITTINGS, NO CRIMP FITTINGS TO BE ACCEPTED, PROVIDED THE CONTRACTOR IS TRAINED AND FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS TO FULFILL ALL AVAILABLE UPONOR 25 YEAR WARRANTY COVERAGE.
- ORIGINAL PLANS ARE AVAILABLE. PLEASE CONTACT THE ENGINEER'S OFFICE TO REQUEST. CONTACT ISAAC @ 605-225-4344.

ELECTRICAL & MECHANICAL SHEET INDEX

Sheet Number	Sheet Name
EM100	LEGENDS & SHEET INDEX
M200	TRACK & FIELD - PLUMBING & HYDRONICS DEMOLITION PLAN
M201	WRESTLING & BASEBALL - PLUMBING & HYDRONICS DEMOLITION PLAN
M300	TRACK & FIELD - FIRE SPRINKLER & HVAC DEMOLITION PLAN
M301	WRESTLING & BASEBALL - FIRE SPRINKLER & HVAC DEMOLITION PLAN
M400	TRACK & FIELD - PLUMBING & HYDRONICS PLAN
M401	WRESTLING & BASEBALL - PLUMBING & HYDRONICS PLAN
M500	TRACK & FIELD - FIRE PROTECTION PLAN
M501	WRESTLING & BASEBALL - FIRE PROTECTION PLAN
M600	TRACK & FIELD - HVAC PLAN
M601	WRESTLING & BASEBALL - HVAC PLAN
M602	OVERALL LOCKER ROOM - HVAC TEMPERATURE CONTROL ZONE PLAN
M700	MECHANICAL SCHEDULES & DETAILS
M701	MECHANICAL SECTIONS (1 OF 2)
M702	MECHANICAL SECTIONS (2 OF 2)
E200	TRACK & FIELD - ELECTRICAL DEMOLITION PLAN
E201	WRESTLING & BASEBALL - ELECTRICAL DEMOLITION PLAN
E300	TRACK & FIELD - POWER & DATA PLAN
E301	WRESTLING & BASEBALL - POWER & DATA PLAN
E400	TRACK & FIELD - LIGHTING & SPECIAL SYSTEMS PLAN
E401	WRESTLING & BASEBALL - LIGHTING & SPECIAL SYSTEMS PLAN
E500	ELECTRICAL SECTIONS - TRACK & FIELD
E502	ELECTRICAL SECTIONS - BASEBALL & WRESTLING
E503	ELECTRICAL RISER DIAGRAM & PANEL SCHEDULE

CO

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OP

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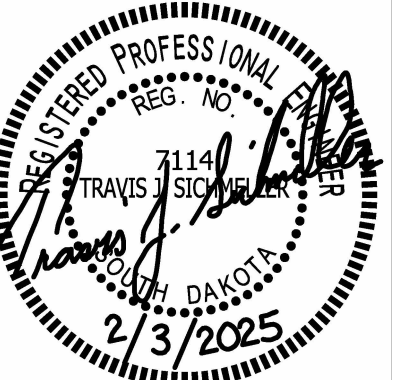
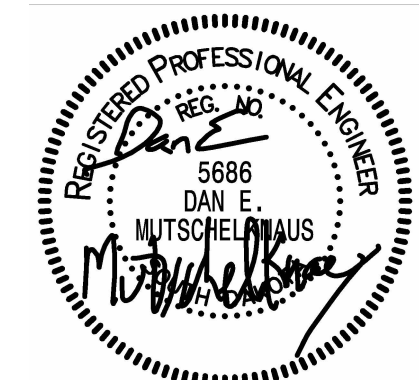
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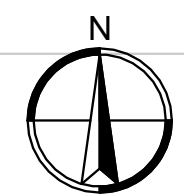
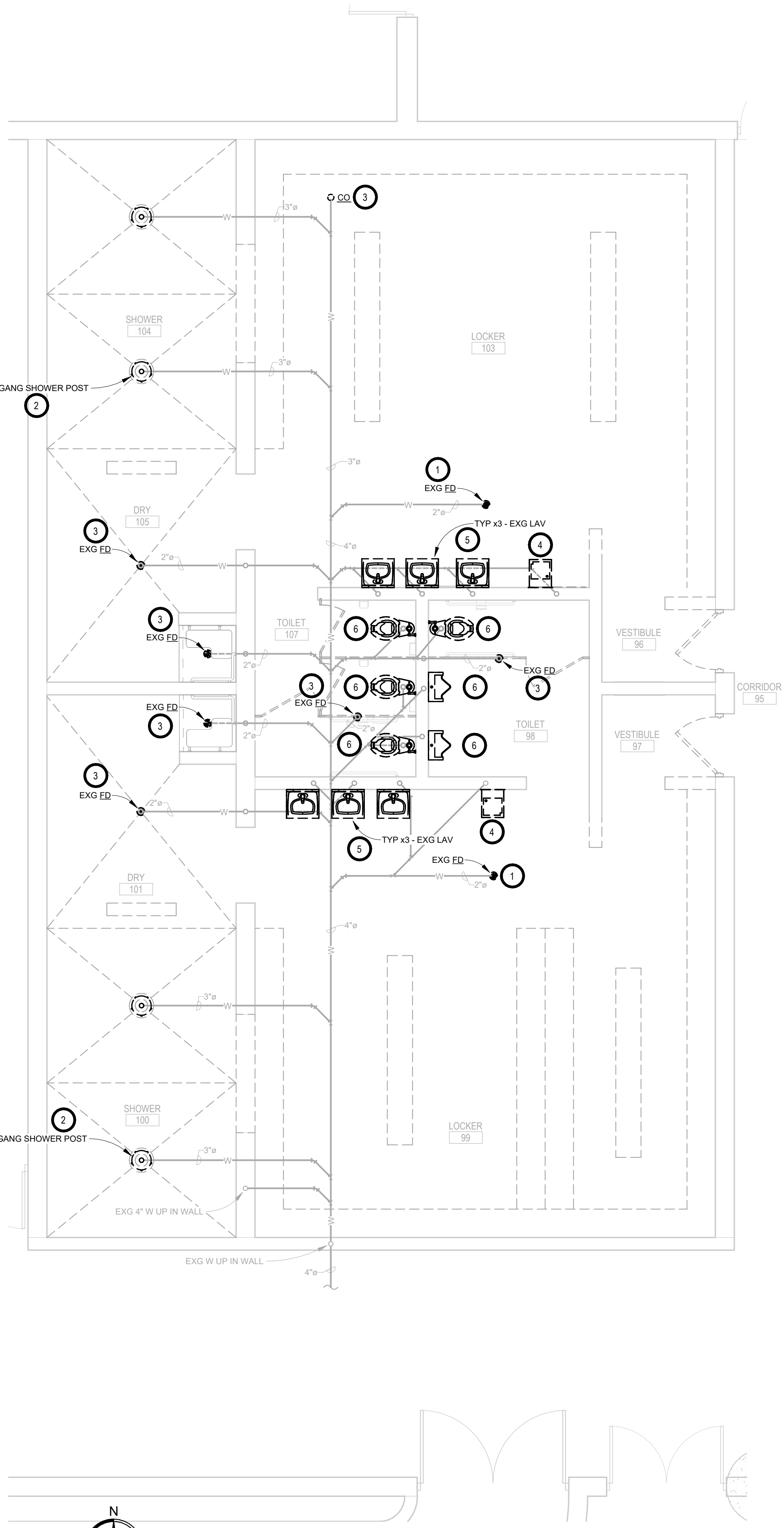
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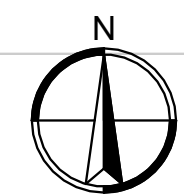
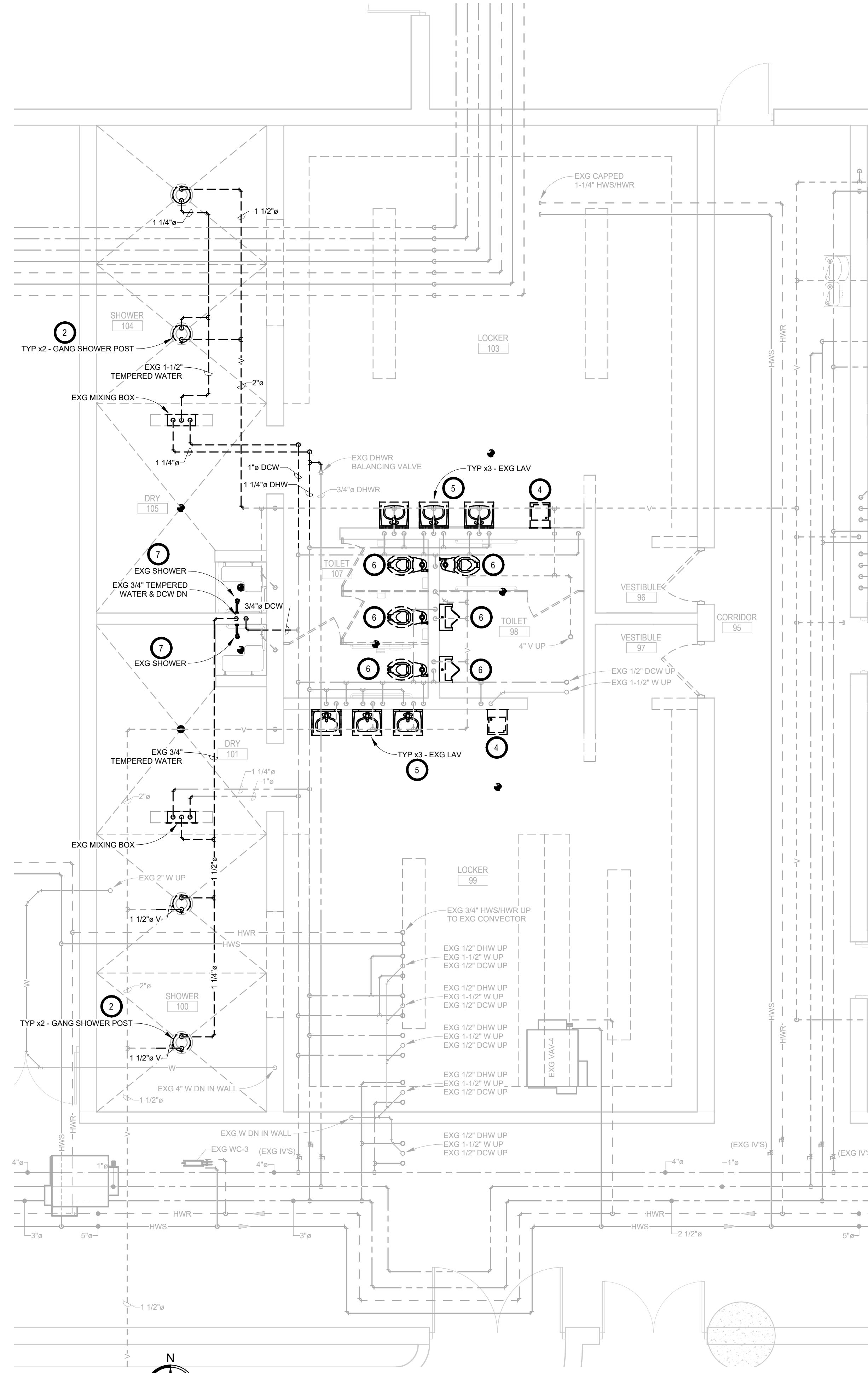
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LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
LEGENDS & SHEET INDEX

EM100



BELOW GRADE - PLUMBING & HYDRONICS DEMOLITION PLAN - TRACK & FIELD
1/4" = 1'-0"



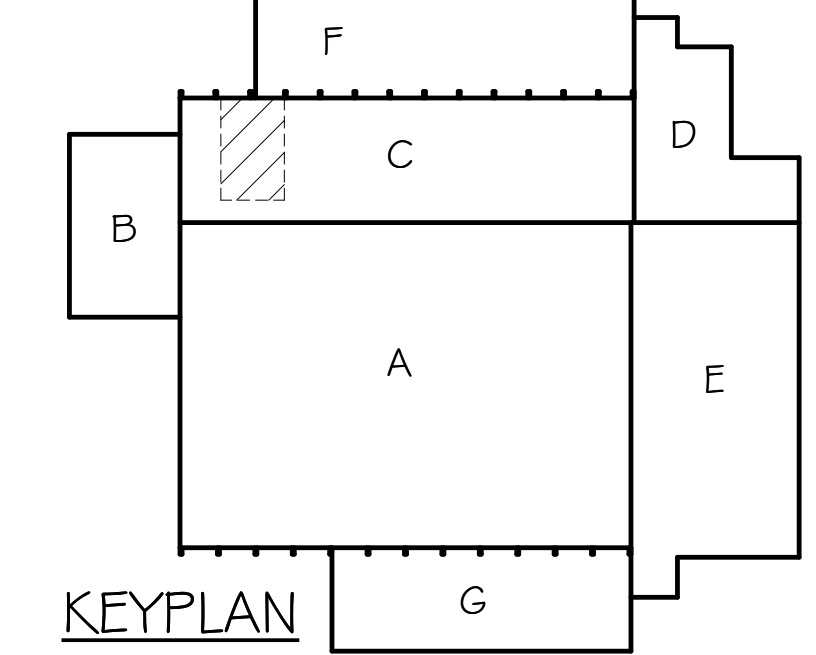
FIRST FLOOR - PLUMBING & HYDRONICS DEMOLITION PLAN - TRACK & FIELD
1/4" = 1'-0"

GENERAL NOTES:

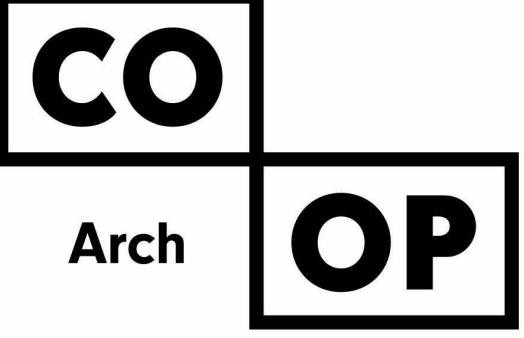
- A. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
- B. REMOVE MECHANICAL EQUIPMENT IN THE AREAS SHOWN ON THE PLAN, DISCONNECT SERVICES AND REMOVE TO A POINT OUT OF THE WAY OF THE GENERAL DEMOLITION. MARK ON THE PLAN TO CLEARLY SHOW WHERE THESE SERVICES ARE STOPPED. DEMOLITION WORK SHALL BE COORDINATED WITH THE OWNER. SHOULD QUESTIONS ARISE REGARDING THE REMOVAL OF EQUIPMENT, CONFER WITH THE OWNER BEFORE SUCH EQUIPMENT IS DEMOLISHED. MATERIALS REMOVED BY DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE SPECIFICALLY NOTED. MATERIAL THE OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR.
- C. EQUIPMENT SHOWN ON DRAWINGS AS EXISTING IS BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION. THE FIELD SURVEY WAS CONDUCTED TO VERIFY, AS MUCH AS POSSIBLE, THE ACCURACY OF THE LOCATIONS SHOWN. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE "EXISTING CONDITIONS" AS SHOWN ON THE DRAWINGS AS THE DEMOLITION WORK PROGRESSES. PERFORM MODIFICATIONS AND ADDITIONS AS NECESSARY TO CORRECT FOR THESE HIDDEN CONDITIONS AND ALLOW FOR THE COMPLETION OF THE NEW WORK.
- D. THE EXISTING BUILDING WILL BE IN USE DURING THIS CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTIONS. TEMPORARY SERVICES SHALL BE INSTALLED IF ONE PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING OR IF EQUIPMENT HAS TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION, WHICH EXISTED PRIOR TO THE INTERRUPTION.
- E. PROVIDE PENETRATIONS TO THE BUILDING STRUCTURE AS REQUIRED FOR INSTALLATION. WHERE EXISTING OR TEMPORARY SYSTEMS ARE BEING DEMOLISHED, WHICH LEAVE OPENINGS IN THE EXISTING BUILDING STRUCTURE, THE BUILDING STRUCTURE SHALL BE PATCHED TO MATCH THE EXISTING CONSTRUCTION AND MAINTAIN THE EXISTING BUILDING FIRE RATINGS.
- F. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- G. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE TESTING & CLEANING OF EACH RESPECTIVE SYSTEM IN ACCORDANCE WITH APPLICABLE STATE & LOCAL CODES. TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. WRITTEN NOTIFICATION OF TEST, DATE, AND RESULTS SHALL BE FURNISHED TO THE ENGINEER BEFORE CONCEALING OR COVERING THE INSTALLATION. TESTS SHALL BE REPEATED UNTIL EACH SYSTEM IS PROVEN ACCEPTABLE.

KEYNOTES:

1. PC TO DISCONNECT & REMOVE EXISTING FLOOR DRAIN. REMOVE EXISTING VENTING AS NECESSARY. CAP SANITARY BELOW FLOOR. FLOOR CUTTING & PATCHING BY GC.
2. PC TO DISCONNECT & REMOVE EXISTING GANG SHOWER POSTS WITH INTEGRAL DRAINS. REMOVE EXISTING DOMESTIC WATER PIPING, VENTING AS NECESSARY AND PROVIDE AND INSTALL CAP NEAR MAINS. CAP SANITARY BELOW FLOOR. FLOOR CUTTING & PATCHING BY GC.
3. PC TO REMOVE & REPLACE EXISTING FLOOR DRAINS AND CLEANOUTS TO ACCOMMODATE REMODEL. SEE PROPOSED. FLOOR CUTTING & PATCHING BY GC.
4. PC TO DISCONNECT & REMOVE EXG PLUMBING FIXTURE. DOMESTIC PIPING, VENTING & WASTE SHOWN DARK AND DASHED. INSTALL CAP NEAR MAINS.
5. PC TO DISCONNECT & REPLACE EXG PLUMBING FIXTURE. EXISTING DOMESTIC PIPING, VENT & WASTE CONNECTION TO BE EXTENDED WITHIN EXISTING BLOCK WALL. BLOCK DEMO BY GC. PC TO COORDINATE REQUIRED CONCRETE BLOCK WALL DEMO WITH GC TO EXTEND PIPING WITHIN BLOCK WALL TO NEW LAV LOCATIONS. SEE PROPOSED.
6. PC TO DISCONNECT & SALVAGE EXG PLUMBING FIXTURE AS NECESSARY TO ALLOW FOR PROPOSED TILE WORK. SEE PROPOSED.
7. PC TO REMOVE EXISTING SHOWER & WATER ROUGH INS. BLOCK DEMO BY GC. COORDINATE REQUIRED CONCRETE BLOCK WALL DEMO WITH GC. SEE PROPOSED.



KEYPLAN



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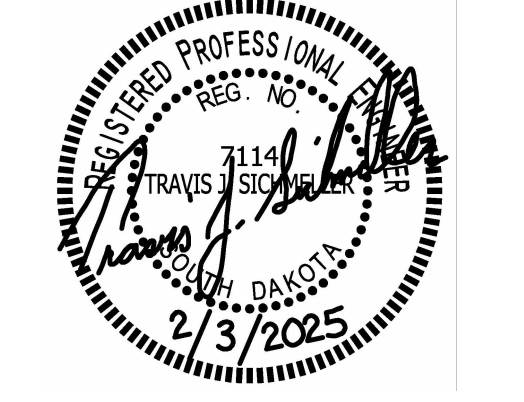
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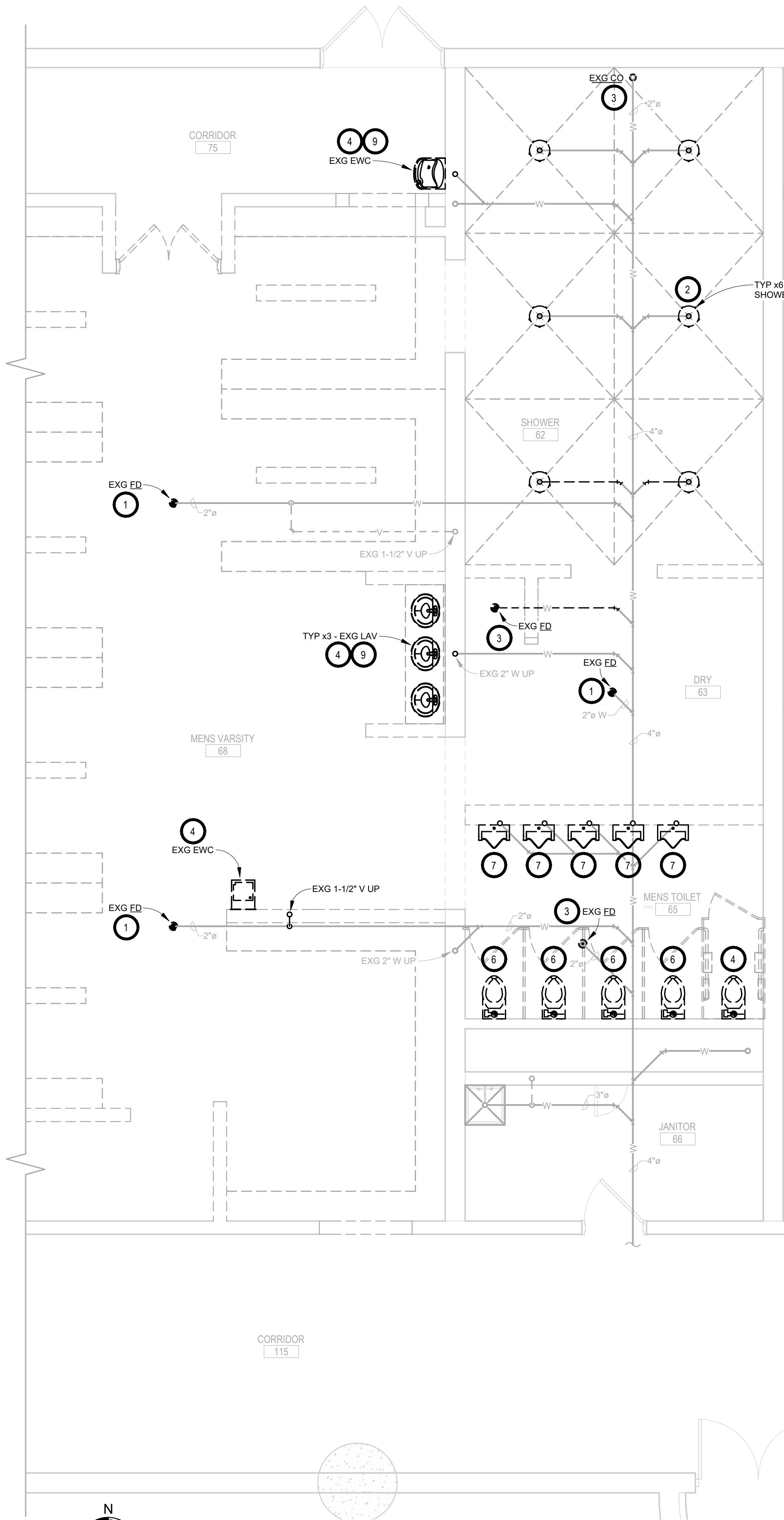
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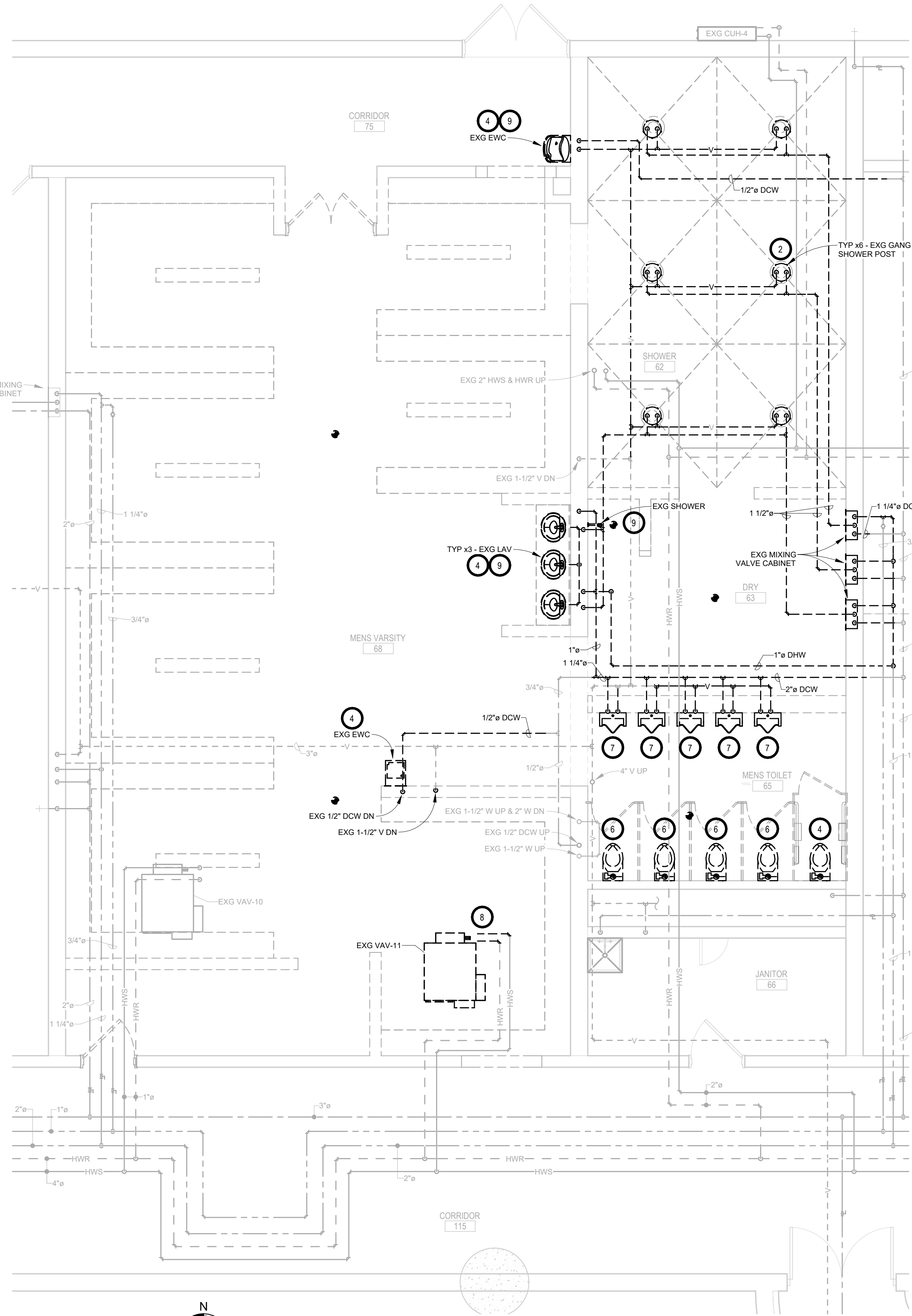
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OSE # RO124-16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - PLUMBING & HYDRONICS DEMOLITION PLAN

M200



BELOW GRADE - PLUMBING & HYDRONICS DEMOLITION PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"



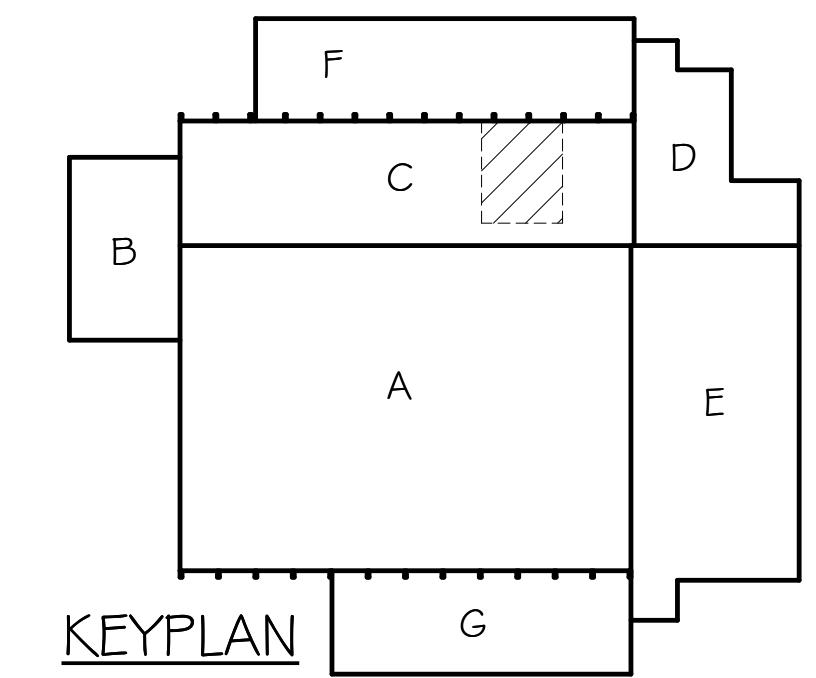
FIRST FLOOR - PLUMBING & HYDRONICS DEMOLITION PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"

GENERAL NOTES:

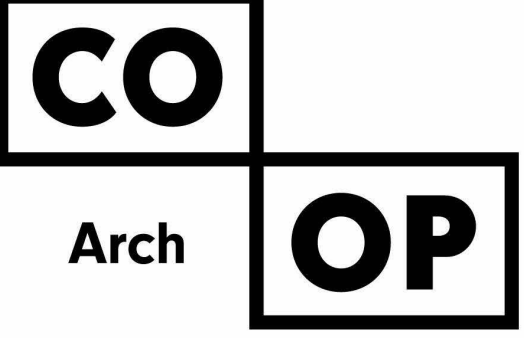
- A. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
- B. REMOVE MECHANICAL EQUIPMENT IN THE AREAS SHOWN ON THE PLAN, DISCONNECT SERVICES AND REMOVE TO A POINT OUT OF THE WAY OF THE GENERAL DEMOLITION. MARK ON THE PLAN TO CLEARLY SHOW WHERE THESE SERVICES ARE STOPPED. DEMOLITION WORK SHALL BE COORDINATED WITH THE OWNER. SHOULD QUESTIONS ARISE REGARDING THE REMOVAL OF EQUIPMENT, CONFER WITH THE OWNER BEFORE SUCH EQUIPMENT IS DEMOLISHED. MATERIALS REMOVED BY DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE SPECIFICALLY NOTED. MATERIAL THE OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR.
- C. EQUIPMENT SHOWN ON DRAWINGS AS EXISTING IS BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION. THE FIELD SURVEY WAS CONDUCTED TO VERIFY, AS MUCH AS POSSIBLE, THE ACCURACY OF THE LOCATIONS SHOWN. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE "EXISTING CONDITIONS" AS SHOWN ON THE DRAWINGS AS THE DEMOLITION WORK PROGRESSES. PERFORM MODIFICATIONS AND ADDITIONS AS NECESSARY TO CORRECT FOR THESE HIDDEN CONDITIONS AND ALLOW FOR THE COMPLETION OF THE NEW WORK.
- D. THE EXISTING BUILDING WILL BE IN USE DURING THIS CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTIONS. TEMPORARY SERVICES SHALL BE INSTALLED IF ONE PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING OR IF EQUIPMENT HAS TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION, WHICH EXISTED PRIOR TO THE INTERRUPTION.
- E. PROVIDE PENETRATIONS TO THE BUILDING STRUCTURE AS REQUIRED FOR INSTALLATION. WHERE EXISTING OR TEMPORARY SYSTEMS ARE BEING DEMOLISHED, WHICH LEAVE OPENINGS IN THE EXISTING BUILDING STRUCTURE, THE BUILDING STRUCTURE SHALL BE PATCHED TO MATCH THE EXISTING CONSTRUCTION AND MAINTAIN THE EXISTING BUILDING FIRE RATINGS.
- F. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- G. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE TESTING & CLEANING OF EACH RESPECTIVE SYSTEM IN ACCORDANCE WITH APPLICABLE STATE & LOCAL CODES. TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. WRITTEN NOTIFICATION OF TEST, DATE, AND RESULTS SHALL BE FURNISHED TO THE ENGINEER BEFORE CONCEALING OR COVERING THE INSTALLATION. TESTS SHALL BE REPEATED UNTIL EACH SYSTEM IS PROVEN ACCEPTABLE.

KEYNOTES:

1. PC TO DISCONNECT & REMOVE EXISTING FLOOR DRAIN. REMOVE EXISTING VENTING AS NECESSARY. CAP SANITARY BELOW FLOOR. FLOOR CUTTING & PATCHING BY GC.
2. PC TO DISCONNECT & REMOVE EXISTING GANG SHOWER POSTS WITH INTEGRAL DRAINS. REMOVE EXISTING DOMESTIC WATER PIPING, VENTING AS NECESSARY AND PROVIDE AND INSTALL CAP NEAR MAINS. CAP SANITARY BELOW FLOOR. FLOOR CUTTING & PATCHING BY GC.
3. PC TO REMOVE & REPLACE EXISTING FLOOR DRAINS AND CLEANOUTS TO ACCOMMODATE REMODEL. SEE PROPOSED. FLOOR CUTTING & PATCHING BY GC.
4. PC TO DISCONNECT & REMOVE EXG PLUMBING FIXTURE, DOMESTIC PIPING, VENTING & WASTE SHOWN DARK AND DASHED. INSTALL CAP NEAR MAINS.
5. NOT USED.
6. PC TO DISCONNECT & SALVAGE EXG PLUMBING FIXTURE AS NECESSARY TO ALLOW FOR PROPOSED TILE WORK. SEE PROPOSED.
7. PC TO DISCONNECT & SALVAGE EXG PLUMBING FIXTURE. ONE FIXTURE TO BE TURNED OVER TO OWNER. SEE PROPOSED.
8. VC, TC, PC & EC TO DISCONNECT & SALVAGE EXISTING VAV-11. PC TO SALVAGE FLOW CONTROLS. VC TO RELOCATE, SEE PROPOSED.
9. PC TO DEMO EXISTING ROUGH INS BACK INTO EXISTING BLOCK WALL & CAP. EXISTING RISERS TO BE CAPPED & REMAIN ABANDONED IN WALL. COORDINATE WALL CUTTING & PATCHING BY GC.



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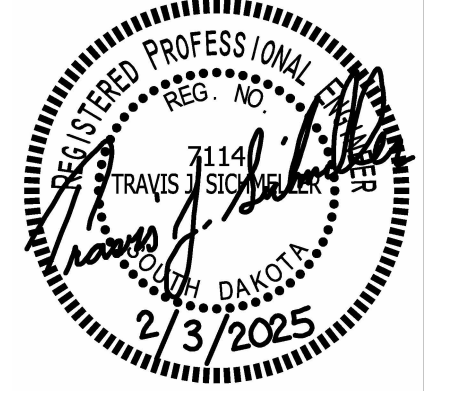
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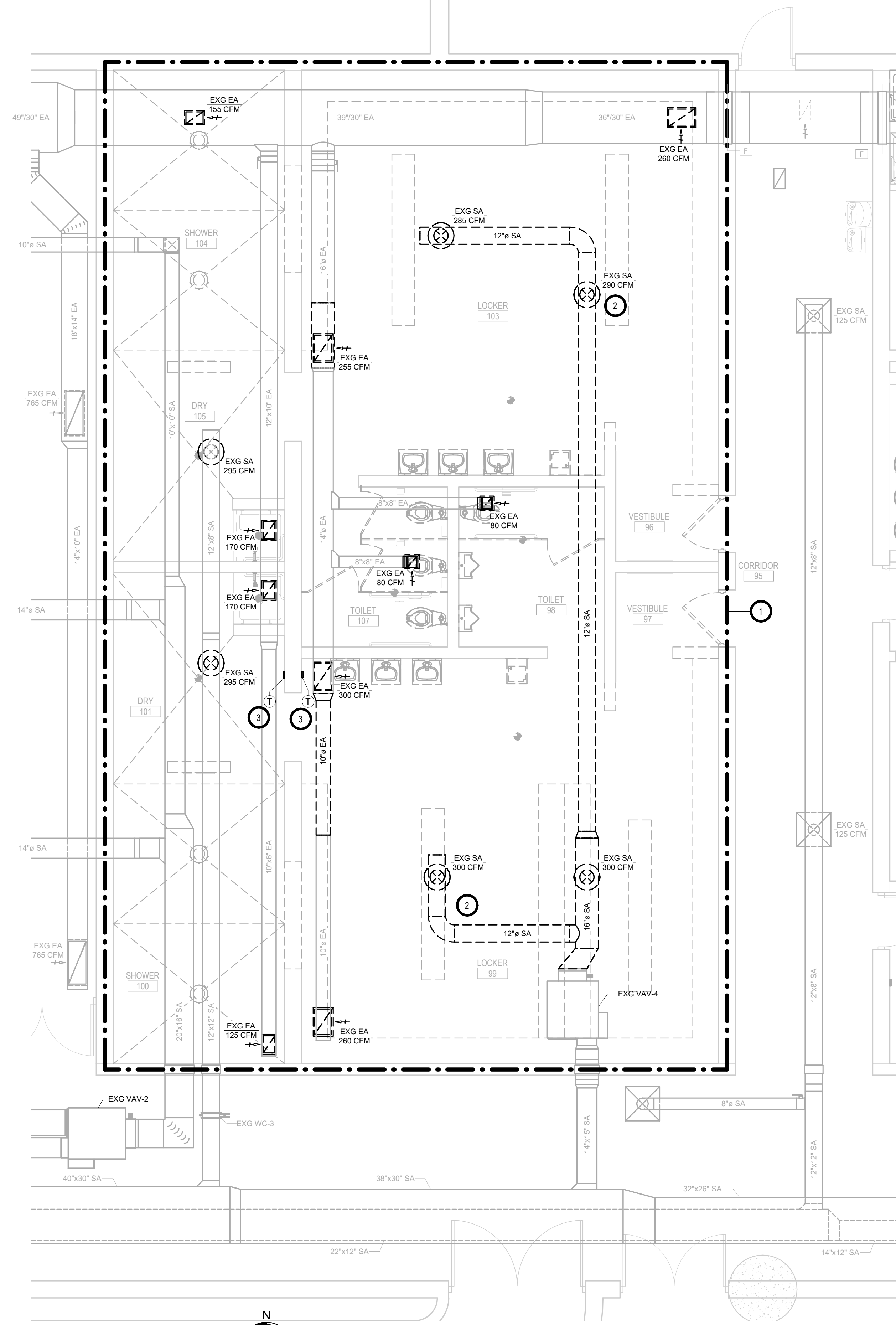
PROJECT:

NSU - BARNETT CENTER - LOCKER
ROOM UPGRADES
OSE # RO124-16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:

WRESTLING & BASEBALL -
PLUMBING & HYDRONICS
DEMOLITION PLAN

M201



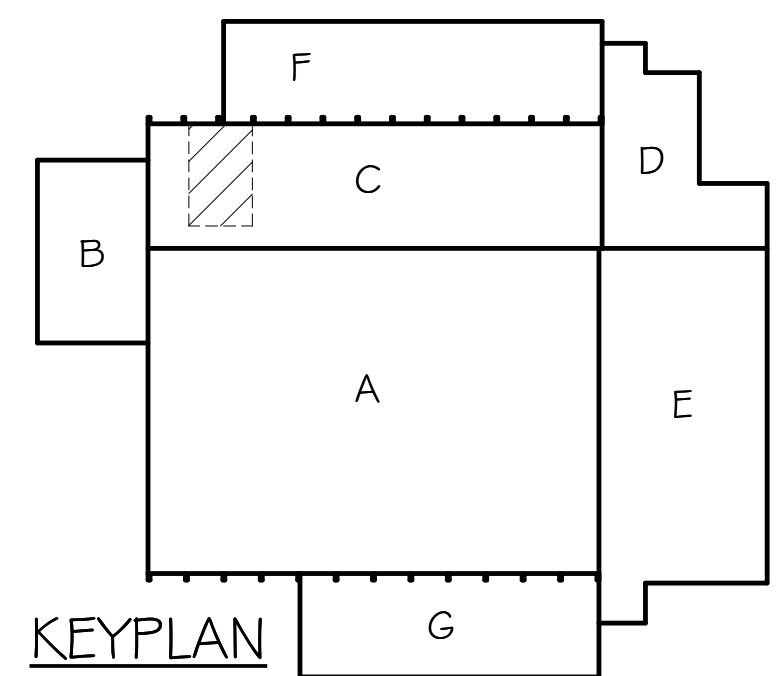
FIRST FLOOR - HVAC DEMOLITION PLAN - TRACK & FIELD
1/4" = 1'-0"

GENERAL NOTES:

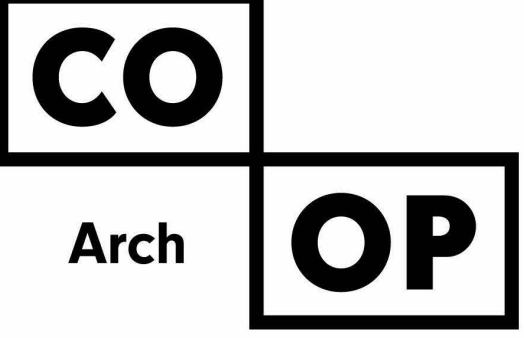
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KEYNOTES

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- 2. TYPICAL - VC TO DISCONNECT & REMOVE EXISTING SUPPLY AIR & EXHAUST AIR DUCT & REGISTERS SHOWN DARK & DASHED. SEE PROPOSED.
- 3. TC TO DEMO EXISTING VAV T-STAT. SEE PROPOSED.



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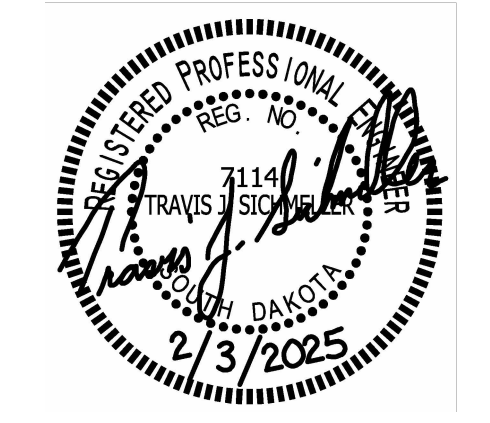
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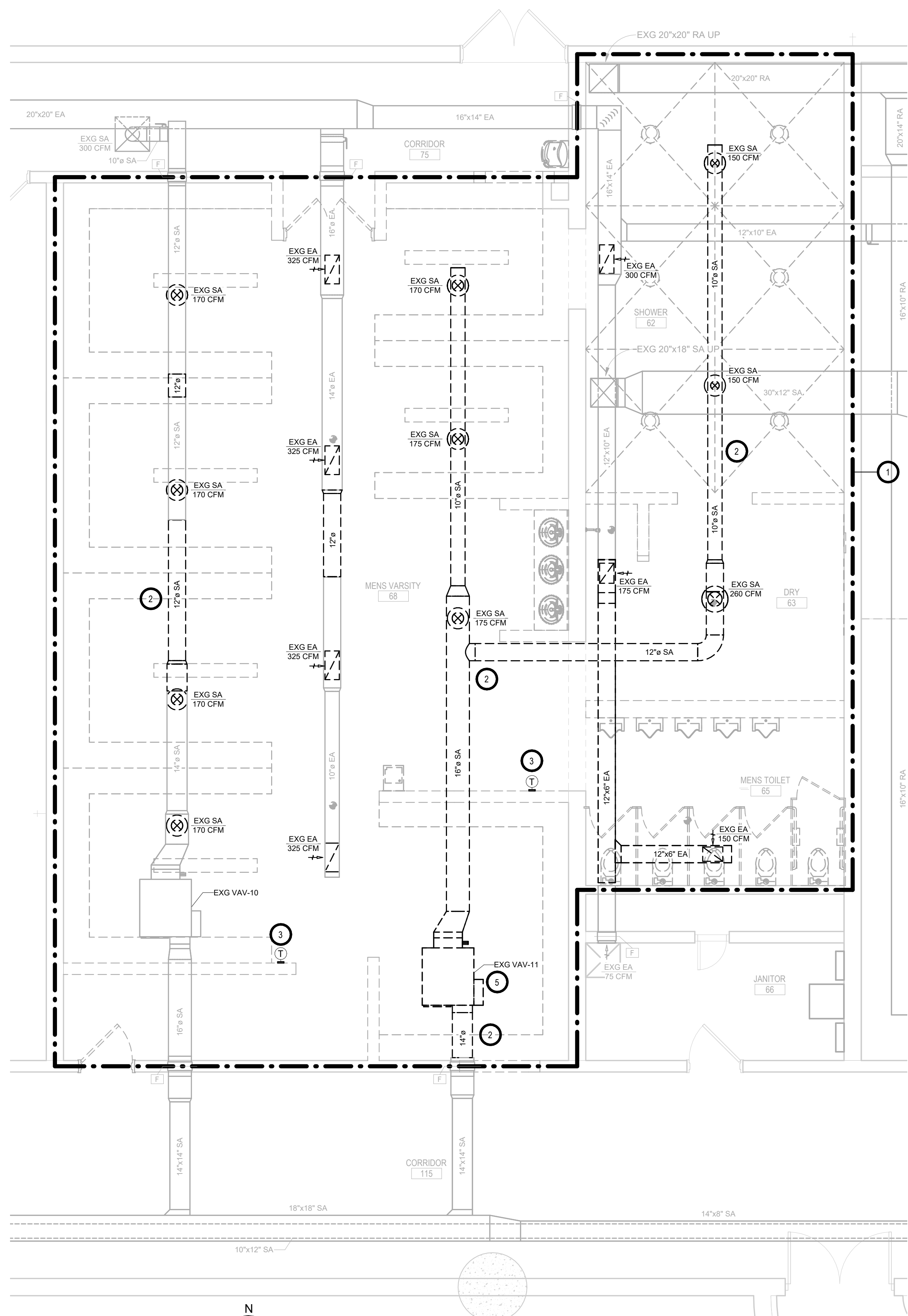
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PROJECT:
NSU - BARNETT CENTER - LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - FIRE SPRINKLER & HVAC DEMOLITION PLAN

M300



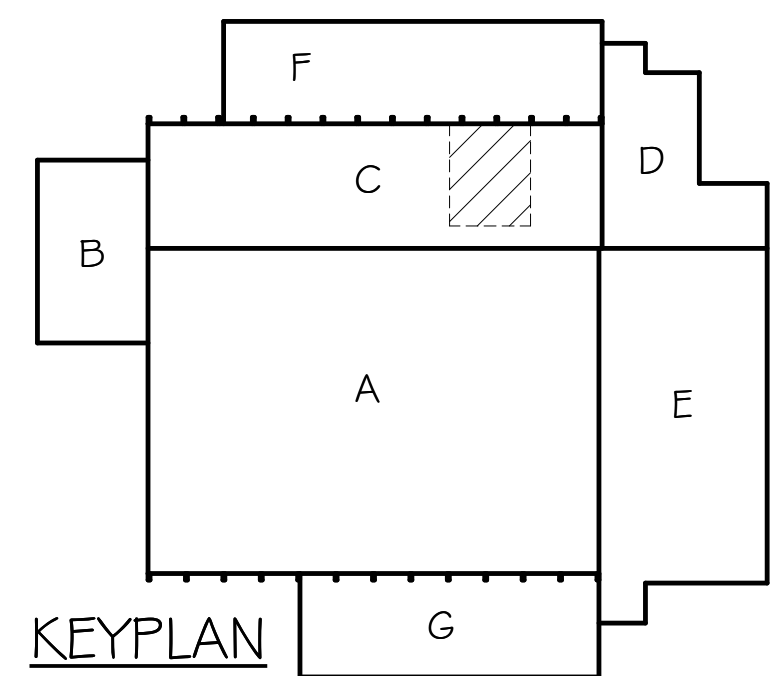
FIRST FLOOR - HVAC DEMOLITION PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"

GENERAL NOTES:

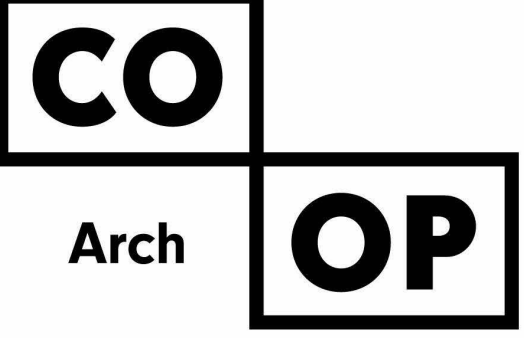
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- 2. TYPICAL - VC TO DISCONNECT & REMOVE EXISTING SUPPLY AIR & EXHAUST AIR DUCT & REGISTERS SHOWN DARK & DASHED. SEE PROPOSED.
- 3. TC TO DEMO EXISTING VAV T-STAT. SEE PROPOSED.
- 4. TYPICAL - VC TO PATCH EXISTING DUCTWORK WHERE EXISTING REGISTER WAS REMOVED. SEE PROPOSED.
- 5. VC, TC, PC & EC TO DISCONNECT & SALVAGE EXISTING VAV-11. PC TO SALVAGE FLOW CONTROLS. VC TO RELOCATE, SEE PROPOSED.



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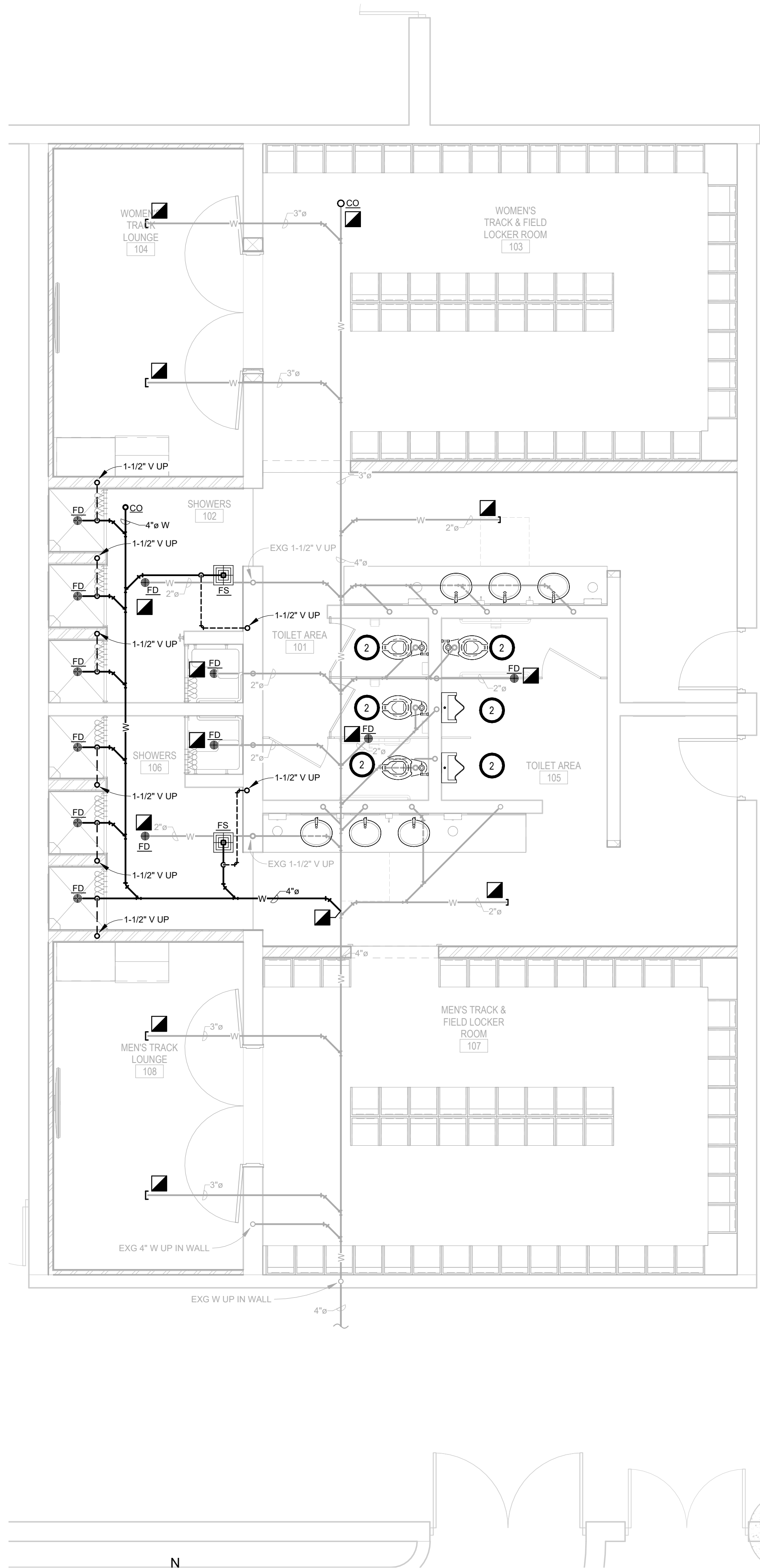
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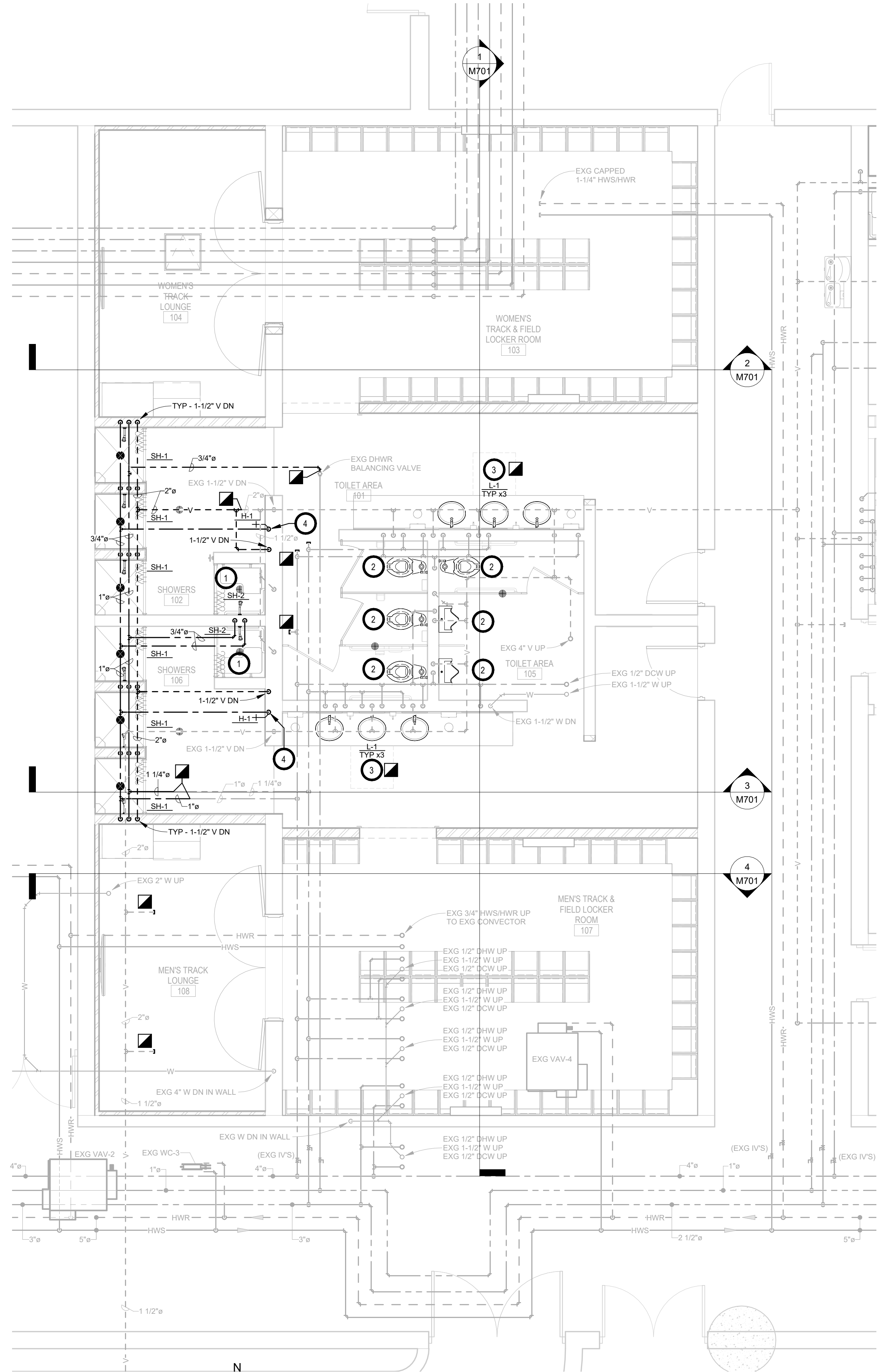
PROJECT:
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ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL - FIRE
SPRINKLER & HVAC
DEMOLITION PLAN

M301



BELOW GRADE - PLUMBING & HYDRONICS PLAN - TRACK & FIELD
1/4" = 1'-0"



FIRST FLOOR - PLUMBING & HYDRONICS PLAN - TRACK & FIELD
1/4" = 1'-0"

GENERAL NOTES:

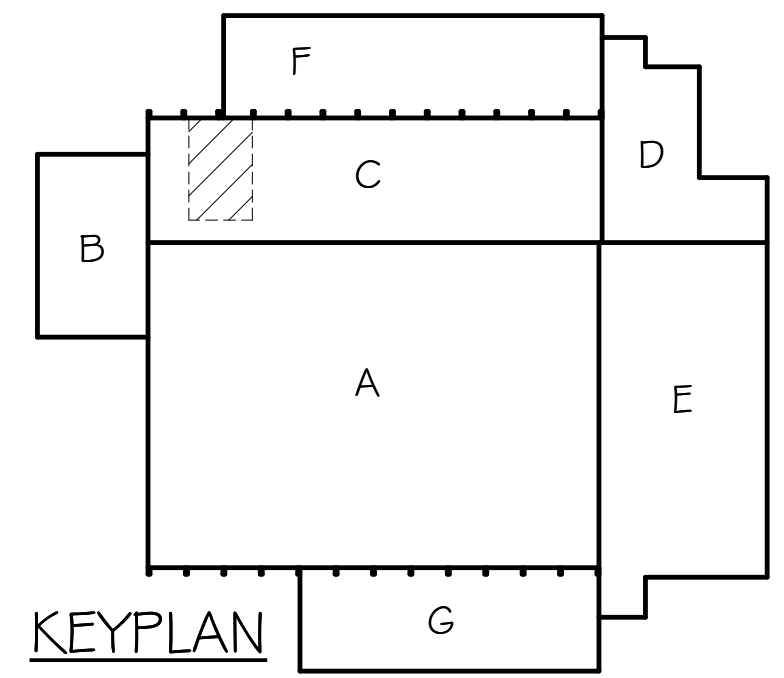
- A. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER.
- B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY OPENINGS LEFT IN FLOORS, WALLS, AND CEILINGS THAT WERE CAUSED BY HIS/HER ACTIONS. PATCHING SHALL MATCH EXISTING SURFACE IN COLOR, TEXTURE AND QUALITY SO THAT PATCH IS INDISTINGUISHABLE FROM ORIGINAL SURFACE.
- C. ALL PENETRATIONS THROUGH DRAFT STOPS AND OTHER FIRE-RATED PARTITIONS SHALL BE FIRE STOPPED AS PER SPECIFICATIONS AND LOCAL CODES.
- D. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
- F. CONTRACTOR SHALL COORDINATE ALL PLUMBING WITH LIGHT FIXTURES, HVAC, FIRE SPRINKLER, AND STRUCTURAL TO ACCOMMODATE LIMITED CEILING SPACE.
- G. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
- H. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.
- I. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE A/E IMMEDIATELY OF ANY DISCREPANCIES.
- J. COORDINATE NEW SERVICES WITH LOCAL UTILITIES.
- K. PLUMBING CONTRACTOR TO PROVIDE VENTING FOR ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS AS SHOWN OR AS REQUIRED BY CODE.

KEYNOTES

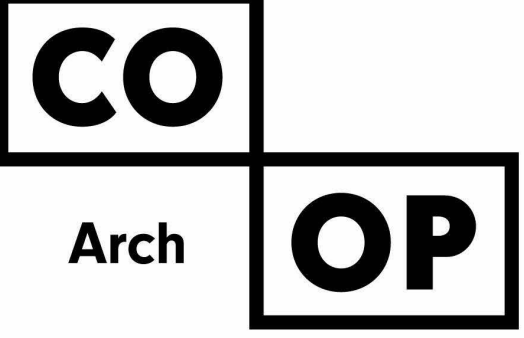
1. PC TO PROVIDE & INSTALL NEW HOT AND COLD WATER ROUGH INS AND NEW TEMPERED WATER BETWEEN NEW SHOWER VALVE AND HEAD. INSTALL ALL VALVES AT ELEVATIONS AS PER PLUMBING FIXTURE SCHEDULE TO MEET ADA REQUIREMENTS. ROUTE PIPING TO ACCOMMODATE PROPOSED VALVE AND HEAD LOCATIONS. BLOCK PATCHING BY GC, COORDINATE REQUIRED CONCRETE BLOCK WALL PATCHING WITH GC TO ACCOMMODATE NEW PIPING, VALVES, AND HEAD IN EXISTING BLOCK WALL.
2. PC TO REINSTALL EXG PLUMBING FIXTURE & CONNECT TO EXG DOMESTIC, VENT & WASTE PIPING. REINSTALL URINALS AT EXISTING HEIGHTS.
3. PC TO INSTALL NEW LAVS/ROUGH INS AT NEW LOCATIONS. EXTEND DCW, DHW, & WASTE PIPING WITHIN EXISTING BLOCK WALL. BLOCK PATCHING BY GC, COORDINATE REQUIRED CONCRETE BLOCK WALL PATCHING WITH GC TO ACCOMMODATE NEW PIPING/ROUGH INS AT NEW LOCATIONS IN EXISTING BLOCK WALL.
4. PC TO INSTALL 3/4" DCW DOWN TO H-1 INSTALLED AT 48" AFF (CONFIRM DESIRED HEIGHT WITH OWNER PRIOR TO ROUGH IN). PIPING TO BE ROUTED WITHIN EXISTING BLOCK WALL. BLOCK PATCHING BY GC, COORDINATE REQUIRED CONCRETE BLOCK WALL PATCHING WITH GC TO ACCOMMODATE NEW PIPING IN EXISTING WALL.

SPECIAL NOTES

- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.
- B. FLOOR DRAINS & SINK LOCATIONS SHALL BE INSTALLED IN LOCATIONS PROPER TO ACCEPT INDIRECT DRAIN PIPING FROM BOILERS, WATER HEATER, RELIEFS, ETC. (TRIP HAZARDS FROM PIPING WILL NOT BE ACCEPTABLE).
- C. ALL FLOOR CLEANOUTS TO BE LOCATED IN INCONSPICUOUS LOCATIONS. CLEANOUTS LOCATED IN DOORWAYS AND MIDDLE OF HALLWAYS WILL NOT BE ACCEPTABLE.



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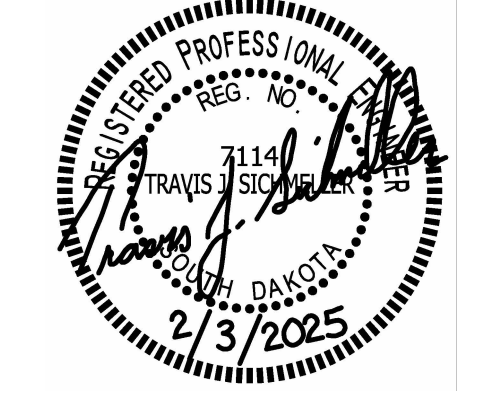
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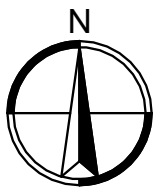
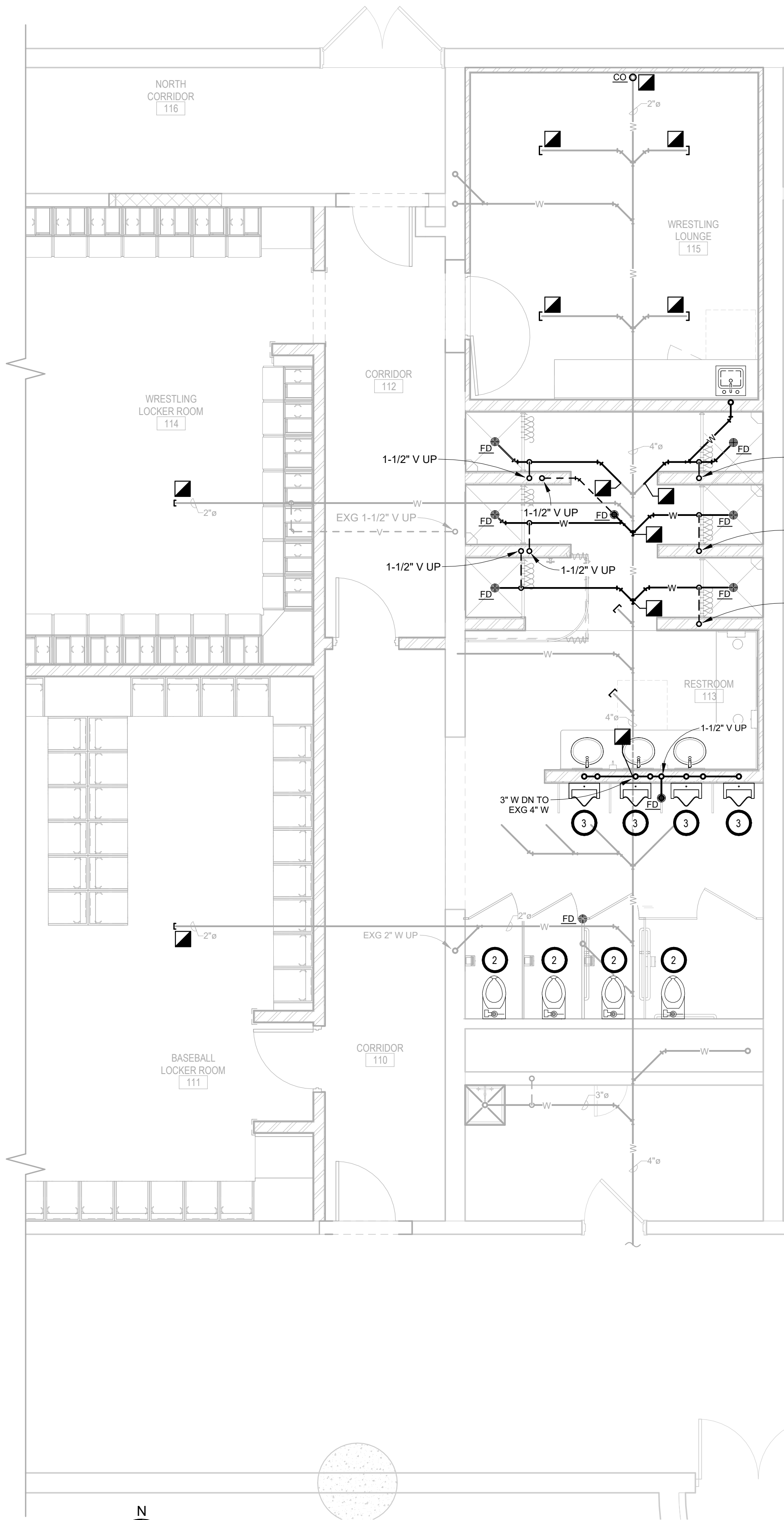
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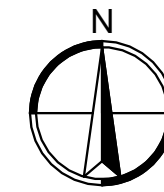
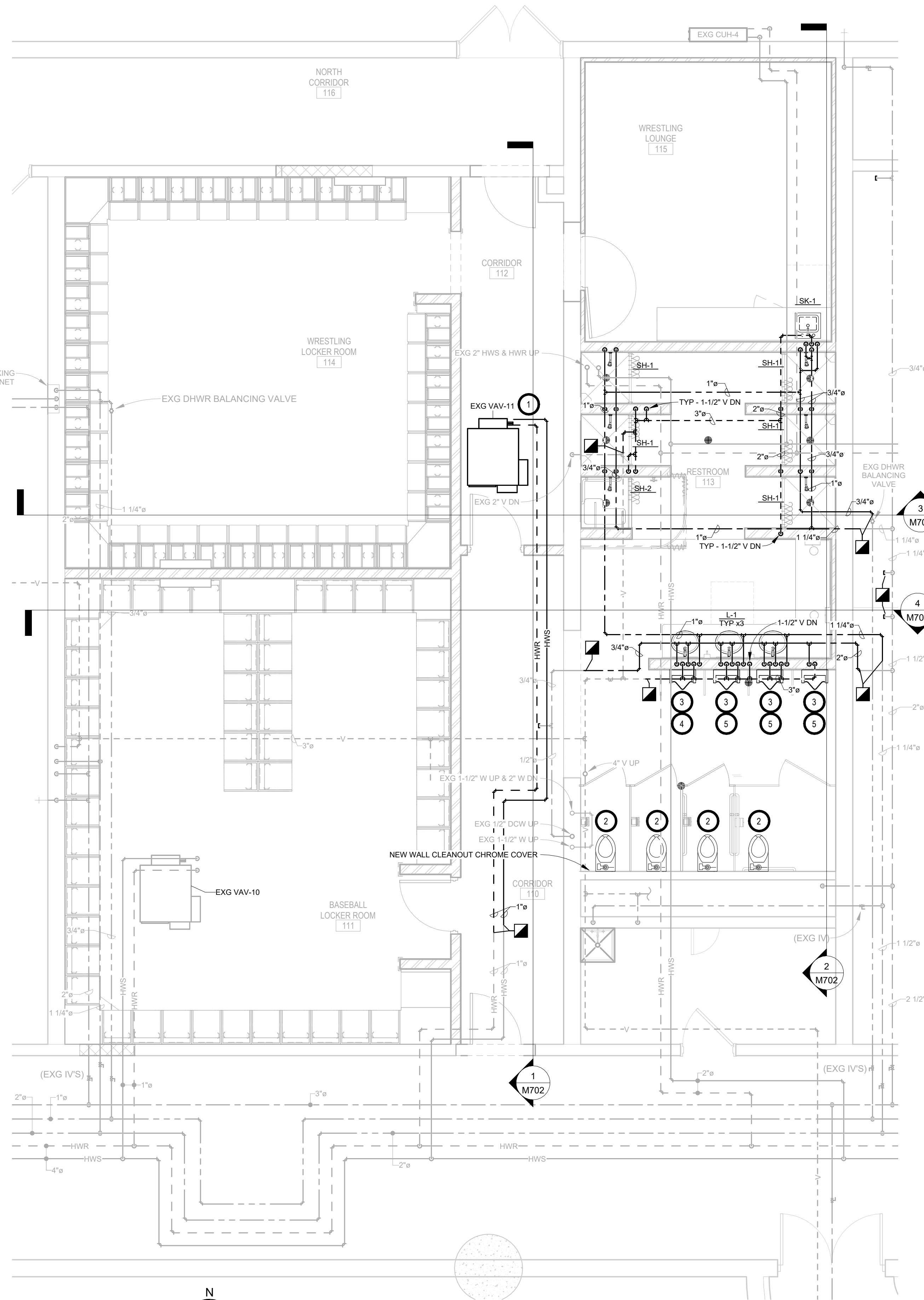
PROJECT:
NSU - BARNETT CENTER - LOCKER ROOM UPGRADES
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ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - PLUMBING & HYDRONICS PLAN

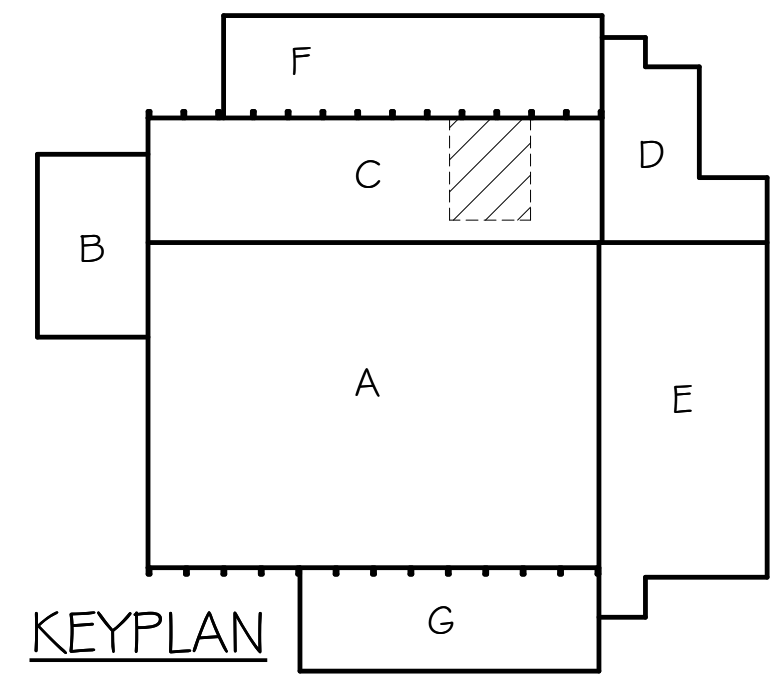
M400



BELOW GRADE - PLUMBING & HYDRONICS PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"



FIRST FLOOR - PLUMBING & HYDRONICS PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"

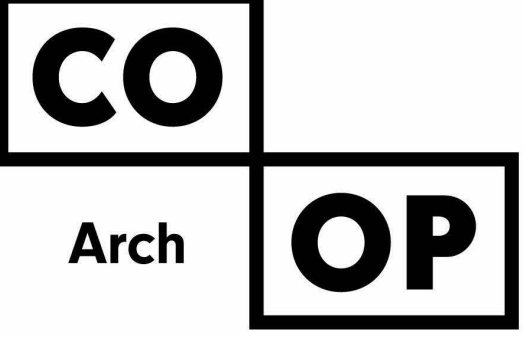


KEYPLAN

- GENERAL NOTES:
- A. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER.
 - B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY OPENINGS LEFT IN FLOORS, WALLS, AND CEILINGS THAT WERE CAUSED BY HIS/HER ACTIONS. PATCHING SHALL MATCH EXISTING SURFACE IN COLOR, TEXTURE AND QUALITY SO THAT PATCH IS INDISTINGUISHABLE FROM ORIGINAL SURFACE.
 - C. ALL PENETRATIONS THROUGH DRAFT STOPS AND OTHER FIRE-RATED PARTITIONS SHALL BE FIRE STOPPED AS PER SPECIFICATIONS AND LOCAL CODES.
 - D. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
 - E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
 - F. CONTRACTOR SHALL COORDINATE ALL PLUMBING WITH LIGHT FIXTURES, HVAC, FIRE SPRINKLER, AND STRUCTURAL TO ACCOMMODATE LIMITED CEILING SPACE.
 - G. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
 - H. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.
 - I. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE A/E IMMEDIATELY OF ANY DISCREPANCIES.
 - J. COORDINATE NEW SERVICES WITH LOCAL UTILITIES.
 - K. PLUMBING CONTRACTOR TO PROVIDE VENTING FOR ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS AS SHOWN OR AS REQUIRED BY CODE.

- KEYNOTES
1. VC TO RELOCATE EXG VAV-11 & PC TO EXTEND HYDRONICS TO NEW VAV LOCATION & REINSTALL ALL FLOW CONTROLS.
 2. PC TO REINSTALL EXG PLUMBING FIXTURE & CONNECT TO EXG DOMESTIC, VENT & WASTE PIPING.
 3. PC TO REINSTALL EXG PLUMBING FIXTURE & CONNECT TO NEW DOMESTIC, VENT & WASTE PIPING. PC TO PROVIDE & INSTALL NEW CARRIER FOR EXISTING RELOCATED URINAL.
 4. URINAL AT 17" TO RIM.
 5. URINAL AT 24" TO RIM.

- SPECIAL NOTES
- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.
 - B. FLOOR DRAINS & SINK LOCATIONS SHALL BE INSTALLED IN LOCATIONS PROPER TO ACCEPT INDIRECT DRAIN PIPING FROM BOILERS, WATER HEATER, RELIEFS, ETC. (TRIP HAZARDS FROM PIPING WILL NOT BE ACCEPTABLE).
 - C. ALL FLOOR CLEANOUTS TO BE LOCATED IN INCONSPICUOUS LOCATIONS. CLEANOUTS LOCATED IN DOORWAYS AND MIDDLE OF HALLWAYS WILL NOT BE ACCEPTABLE.



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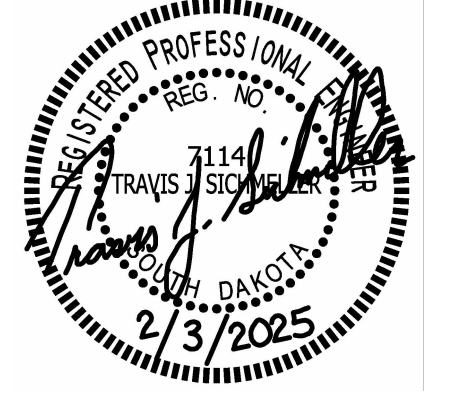
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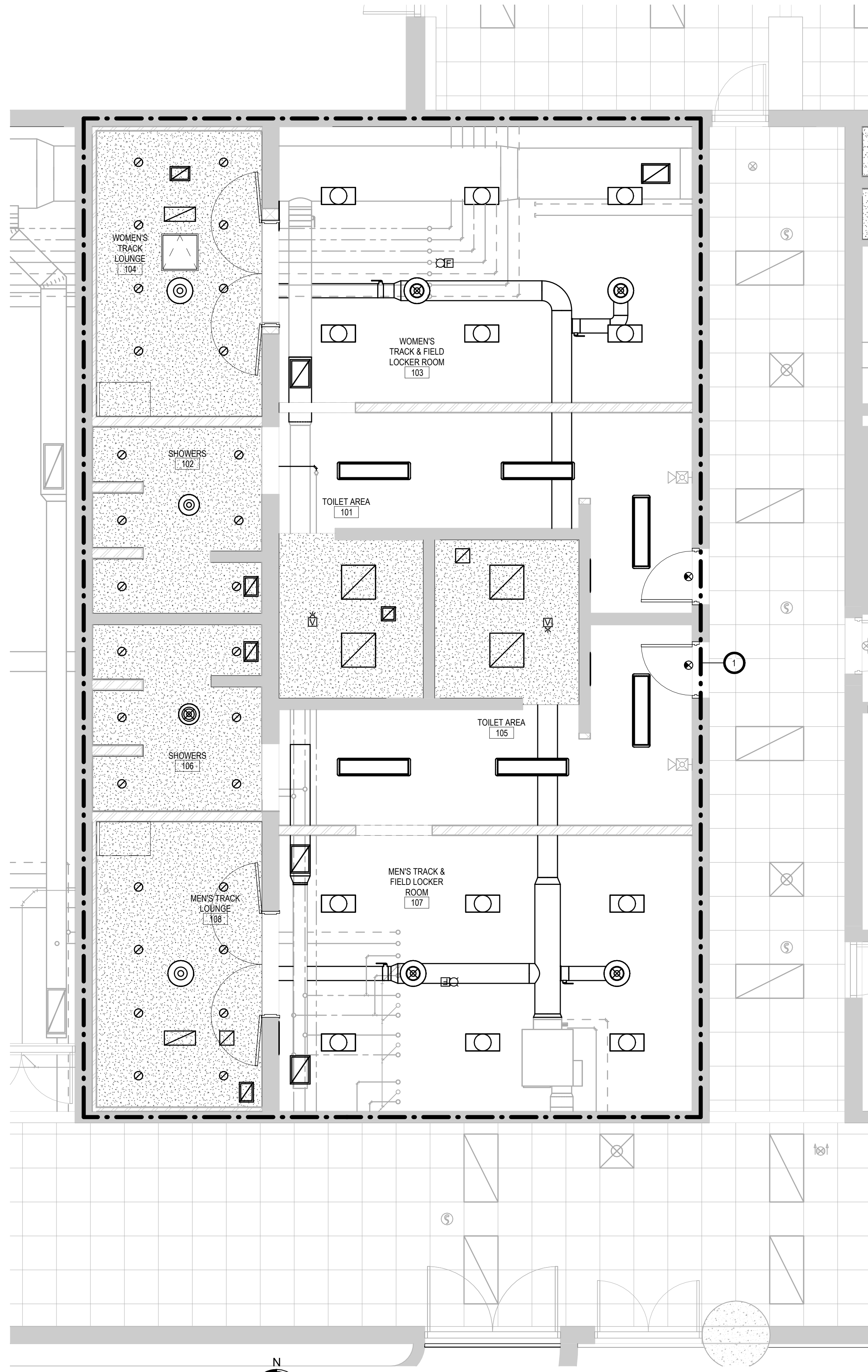
REVISION SCHEDULE:

REV. #	REV. DSC.	REV. DATE

PROJECT:
NSU - BARNETT CENTER - LOCKER ROOM UPGRADES
OSE # RO124-16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL - PLUMBING & HYDRONICS PLAN

M401



FIRST FLOOR - FIRE PROTECTION PLAN - TRACK & FIELD
1/4" = 1'-0"

FIRE PROTECTION GENERAL NOTES:

- A. THE ENTIRE BUILDING SHALL CONTINUE TO BE PROTECTED BY A COMPLETE AUTOMATIC WET (INTERIOR BUILDING) FIRE SPRINKLER SYSTEM AS PER NFPA 13 AND LOCAL CODES. PIPING SIZES SHALL BE PROVIDED BY HYDRAULIC CALCULATIONS & IN COMPLIANCE WITH NFPA, LOCAL AUTHORITIES, AUTHORITIES HAVING JURISDICTION, AND THE BUILDING OWNER.
- B. SPRINKLER HEADS IN THE FINISHED CEILING SHALL BE **CHROME SEMI-RECESSED TYPE**. CENTER HEADS IN CEILING TILE WHERE APPLICABLE. CONTRACTOR SHALL REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR CEILING INSTALLATION & HEIGHTS.
- C. PLANS AND HYDRAULIC CALCULATIONS TO BE PREPARED BY OR CHECKED BY A NICET LEVEL III OR IV TECHNICIAN. PIPING SIZES SHALL BE PROVIDED BY HYDRAULIC CALCULATIONS. THE SPRINKLER PLANS AND HYDRAULIC CALCULATIONS MUST BE SUBMITTED TO THE FOLLOWING AUTHORITIES HAVING JURISDICTION FOR REVIEW:

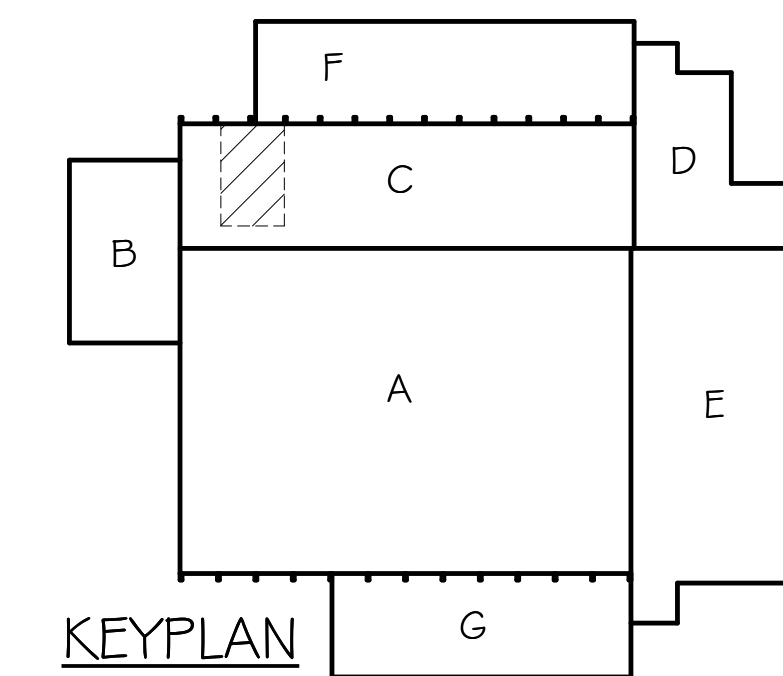
SICHMELLER ENGINEERING ATTN: TRAVIS SICHMELLER 801 RAILROAD AVE SE ABERDEEN, SD 57401	ABERDEEN FIRE MARSHALL ATTN: MAX STOLTENBURG 111 2ND AVE SE ABERDEEN, SD 57401
CITY OF ABERDEEN PLANNING AND ZONING 123 S. LINCOLN ABERDEEN, SD 57401	OFFICE OF THE STATE ENGINEER ATTN: SEAN CAMPBELL 523 EAST CAPITOL AVE PIERRE, SD 57501-3182
- D. COORDINATE INSTALLATION REQUIREMENTS WITH OTHER TRADES. PROVIDE DESIGN & INSTALLATION OF A COMPLETE FIRE PROTECTION SYSTEM.
- E. AFTER COMPLETION OF PROJECT, AS-BUILTS AND REQUIRED TESTING/TEST CERTIFICATE SHALL BE SUBMITTED TO AUTHORITIES LISTED ABOVE.
- F. FIRE PROTECTION SYSTEM SHALL NOT BE INTERRUPTED DURING TIMES WHEN THE BUILDING IS OCCUPIED. IF INTERRUPTING EXISTING FIRE PROTECTION SYSTEM, NOTIFY THE BUILDING OWNER OF THE TIME AND DURATION OF THE FIRE PROTECTION WORK. DO NOT LEAVE THE SYSTEM INOPERABLE OVERNIGHT.
- G. AS LONG AS FIELD CONDITIONS ALLOW, THIS CONTRACTOR SHALL INSTALL ALL MAIN PIPING AND BRANCH PIPING A MINIMUM OF 12" ABOVE FINISHED CEILING HEIGHT OR GREATER AS REQUIRED BY FIELD CONDITIONS.
- H. THIS CONTRACTOR SHALL COORDINATE WITH ALL TRADES INCLUDING CEILING CONTRACTOR, ELECTRICAL CONTRACTOR, VENTILATION CONTRACTOR, PLUMBING CONTRACTOR, BEFORE FABRICATION AND INSTALLATION.
- I. AT NO TIME SHALL THE DROPS BE INSTALLED WITHOUT COORDINATION WITH THE CEILING CONTRACTOR.

FIRE PROTECTION KEYNOTES:

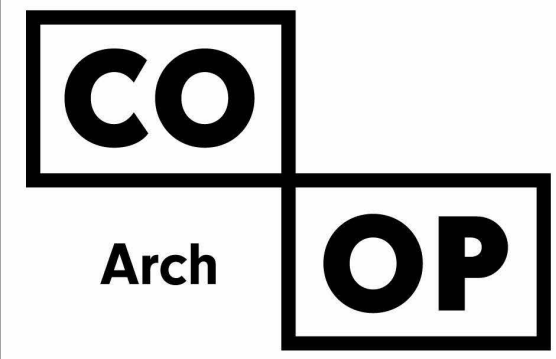
- 1. AREA WITHIN DASHED BOLD OUTLINE - MODIFY THE EXISTING FIRE SPRINKLER SYSTEM INSTALLED AS REQUIRED FOR DEMOLITION & PROPOSED WORK. ORIGINAL FIRE SPRINKLER PLANS ARE AVAILABLE FROM ENGINEER'S OFFICE. FIRE SPRINKLER CONTRACTOR TO REPLACE ANY REMAINING EXISTING FIRE SPRINKLER HEADS SUCH THAT THE AREA OUTLINED WILL BE UPDATED. ADD/EXTEND BRANCH RUNOUTS PIPING & ADD PENDANTS & UPRIGHTS AS REQUIRED TO PROVIDE COVERAGE PER NFPA 13 BASED ON NEW WALLS.

FIRE PROTECTION SPECIAL NOTES:

- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.



KEYPLAN



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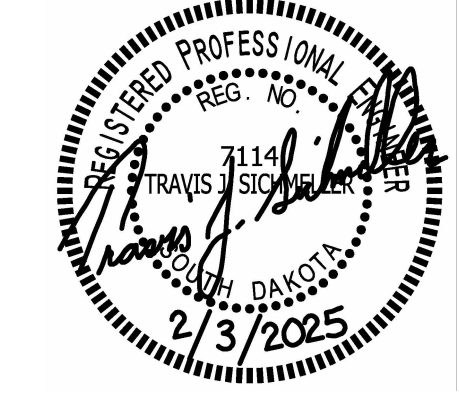
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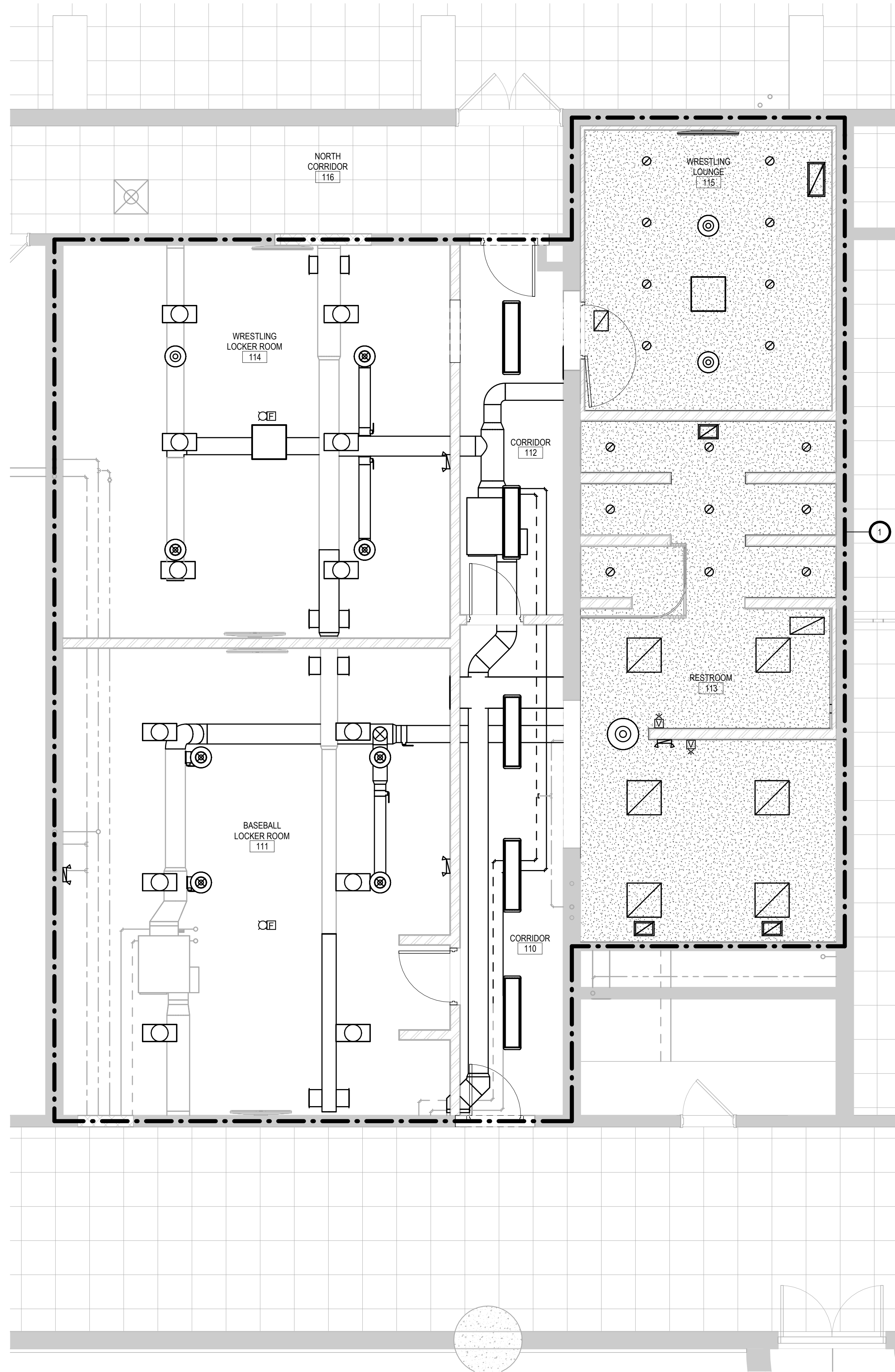
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NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - FIRE PROTECTION PLAN

M500



FIRE PROTECTION GENERAL NOTES:

- A. THE ENTIRE BUILDING SHALL CONTINUE TO BE PROTECTED BY A COMPLETE AUTOMATIC WET (INTERIOR BUILDING) FIRE SPRINKLER SYSTEM AS PER NFPA 13 AND LOCAL CODES. PIPING SIZES SHALL BE PROVIDED BY HYDRAULIC CALCULATIONS & IN COMPLIANCE WITH NFPA, LOCAL AUTHORITIES, AUTHORITIES HAVING JURISDICTION, AND THE BUILDING OWNER.
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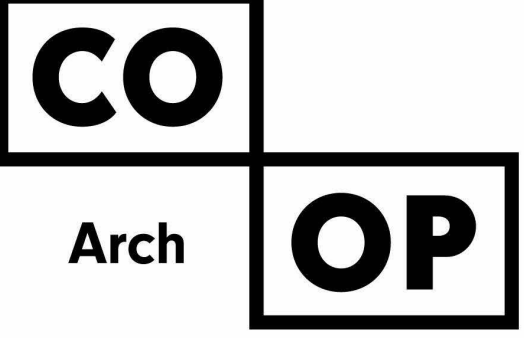
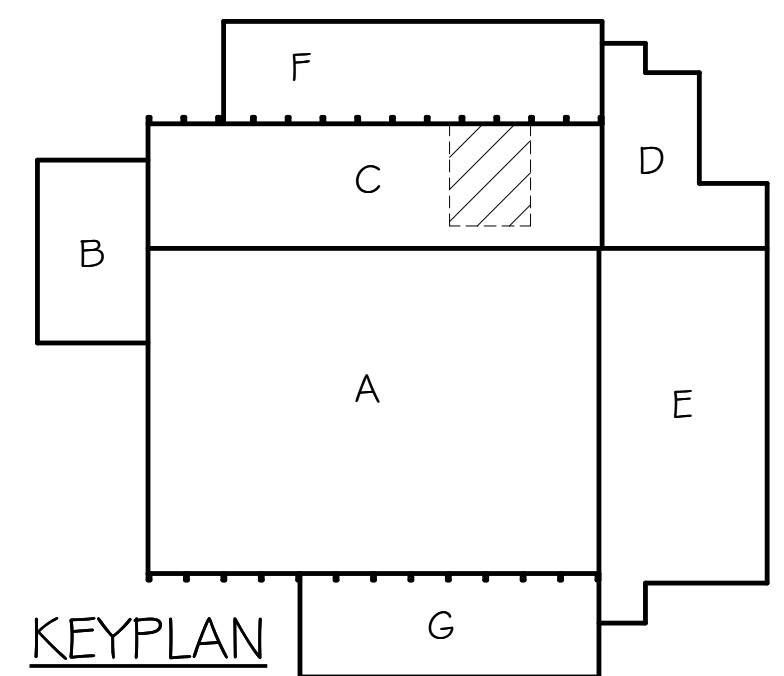
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FIRE PROTECTION KEYNOTES:

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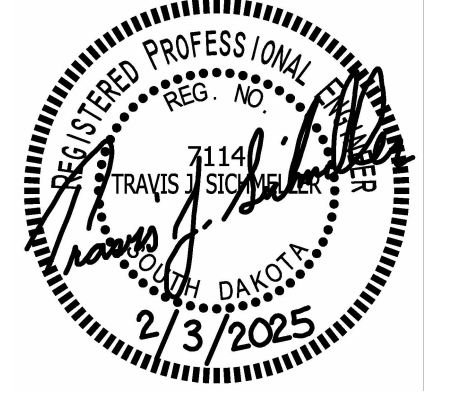
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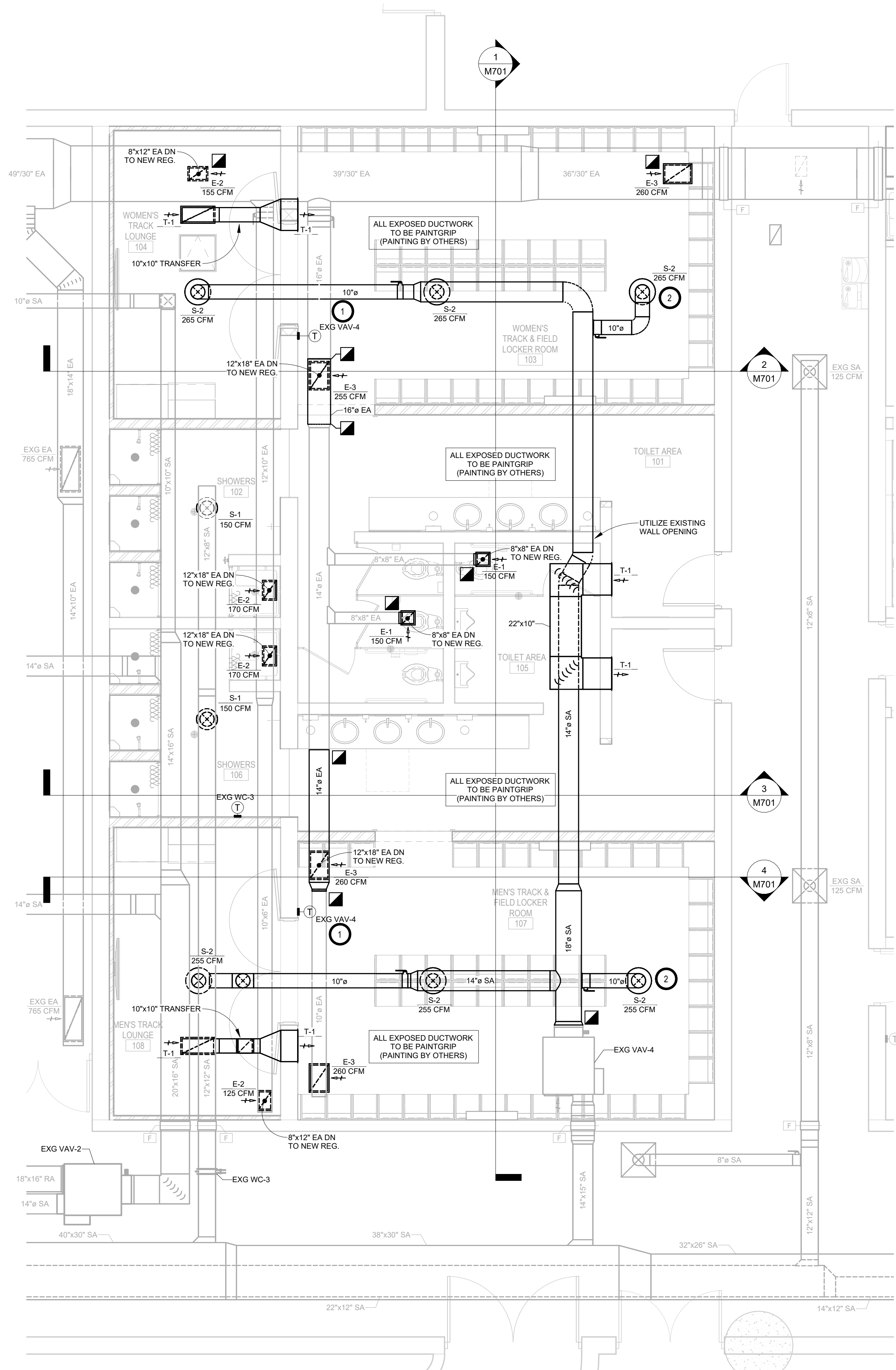
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NSU - BARNETT CENTER - LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL - FIRE PROTECTION PLAN

M501



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N
 FIRST FLOOR - HVAC PLAN - TRACK & FIELD
 1/4" = 1'-0" 3

GENERAL NOTES:

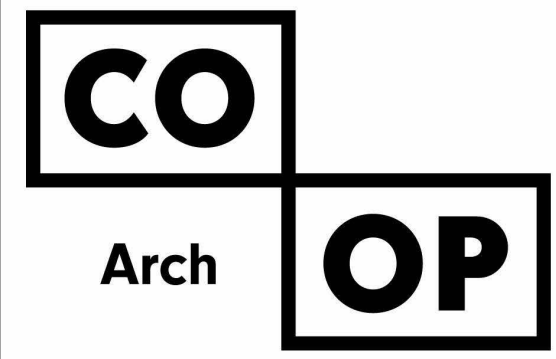
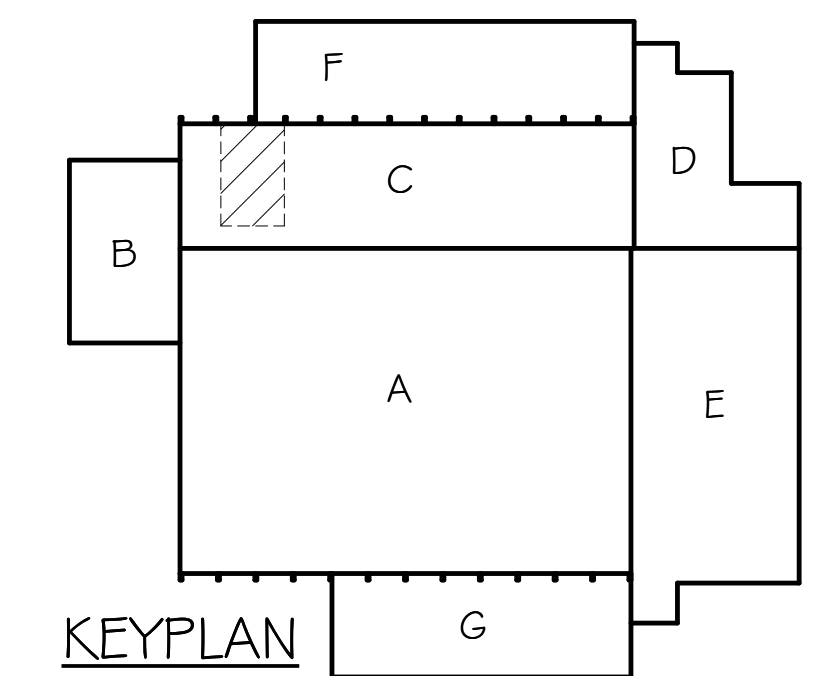
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- E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
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- G. FOR SIMPLICITY DUCT INSULATION NOT SHOWN, DUCT SIZES INDICATED ON DRAWING ARE INTERNAL DIMENSIONS. AS NEEDED ADJUST ACTUAL SIZE FOR INSULATION THICKNESS AS SPECIFIED.
- H. ALL FLEXIBLE DUCTWORK AND CONNECTORS BETWEEN THE LOW PRESSURE DUCTWORK AND THE DIFFUSERS SHALL BE THE SIZE OF THE DIFFUSER INLET.
- I. PROVIDE & INSTALL VIBRATION ISOLATION ON ALL HANGING EQUIPMENT. PROVIDE & INSTALL VIBRATION ABSORPTION MOUNTING PADS ON ALL EQUIPMENT MOUNTED ON FLOOR.
- J. PROVIDE AND INSTALL DURODINE FLEX DUCT CONNECTORS AT ALL EQUIPMENT CONNECTIONS.
- K. ALL DUCTWORK TO BE SEALED AIRTIGHT.
- L. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
- M. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.

KEYNOTES:

- 1. TC TO INSTALL NEW T-STAT AS SHOWN. UTILIZE T-STATS IN ROOMS 103 & 107 FOR TEMPERATURE AVERAGING CONTROL OF EXG VAV-4.
- 2. TYP - SEE TYPICAL DIFFUSER CONNECTION DETAIL.
- 3. VC TO COORDINATE DUCTWORK, VAV, & DIFFUSER ELEVATIONS WITH E.C. DIFFUSER ELEVATIONS TO MATCH LIGHT FIXTURES. MAXIMIZE DUCTWORK ELEVATIONS WHERE POSSIBLE.

SPECIAL NOTES:

- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.



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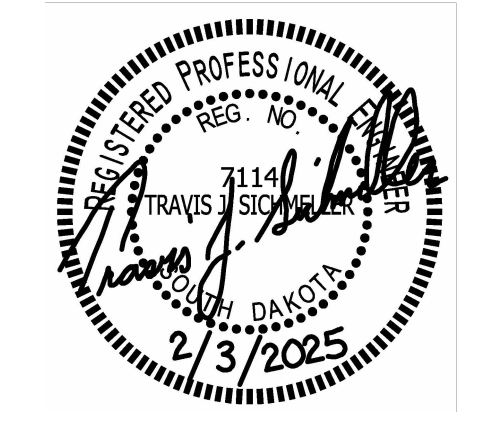
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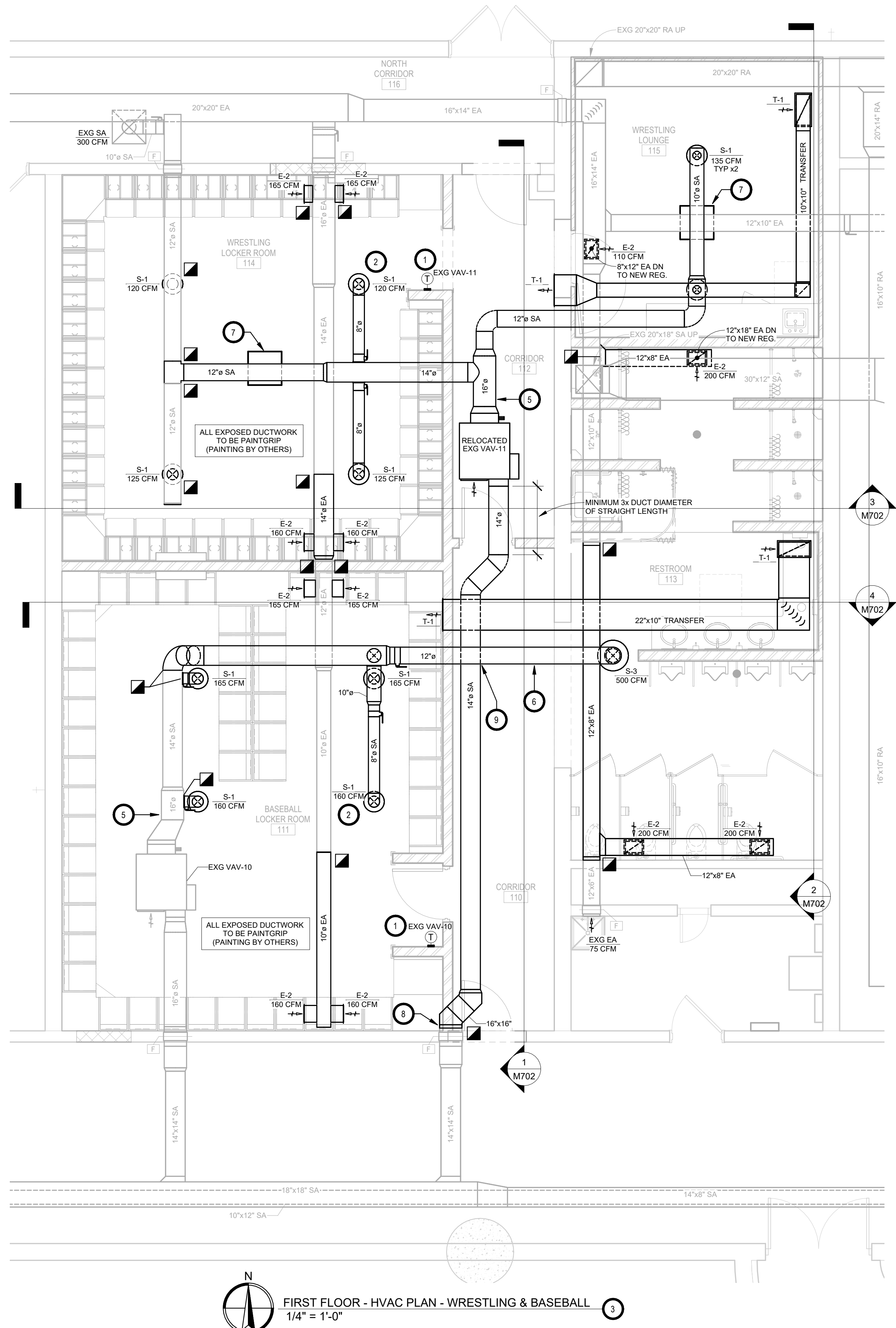
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 OSE # RO124-16X
 NORTHERN STATE UNIVERSITY
 ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
 TRACK & FIELD - HVAC PLAN

M600

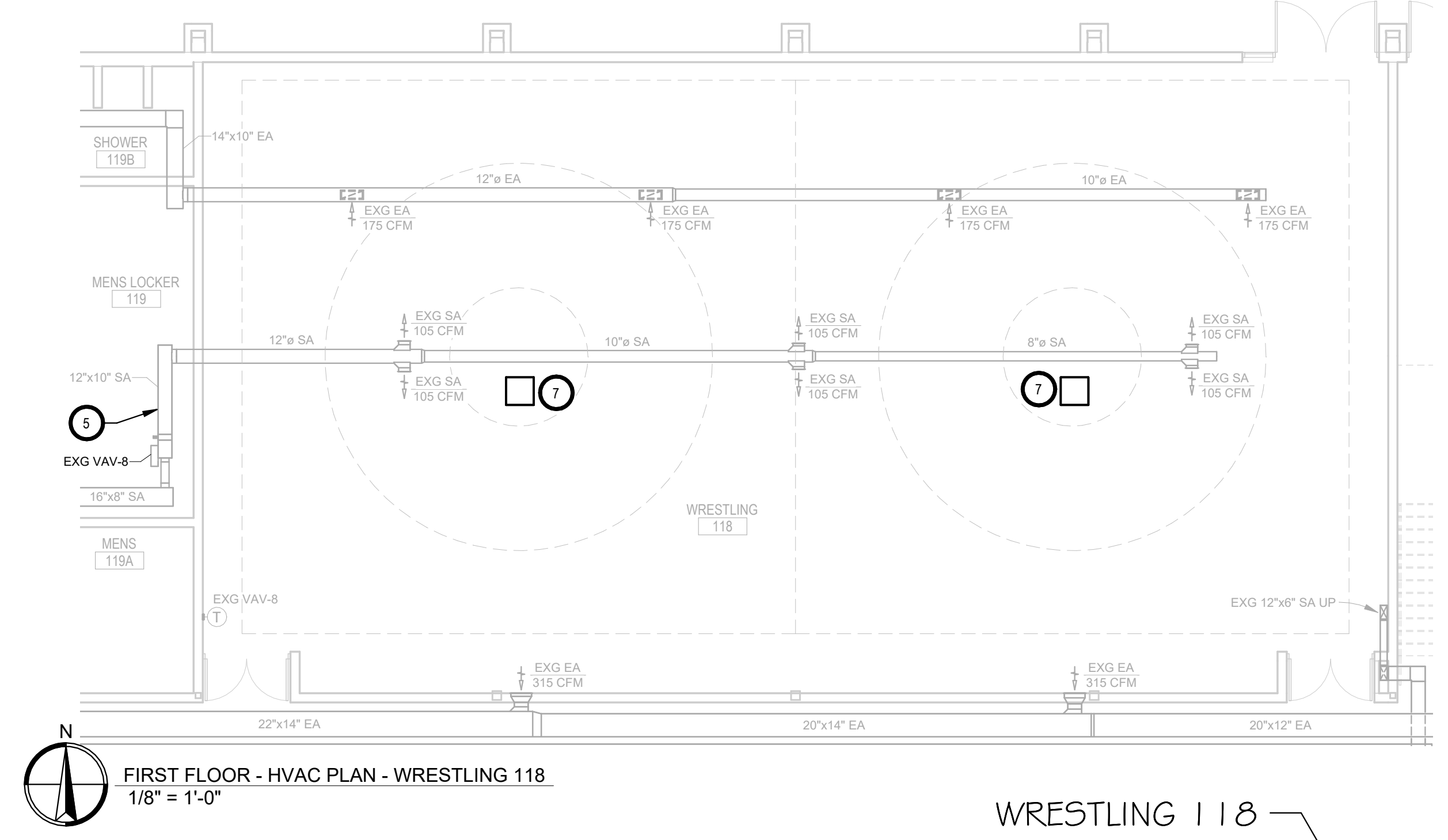


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FIRST FLOOR - HVAC PLAN - WRESTLING & BASEBALL
1/4" = 1'-0"

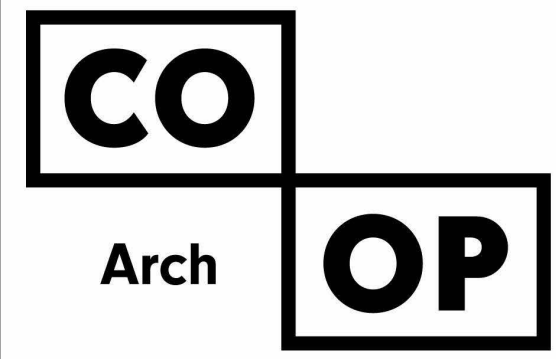
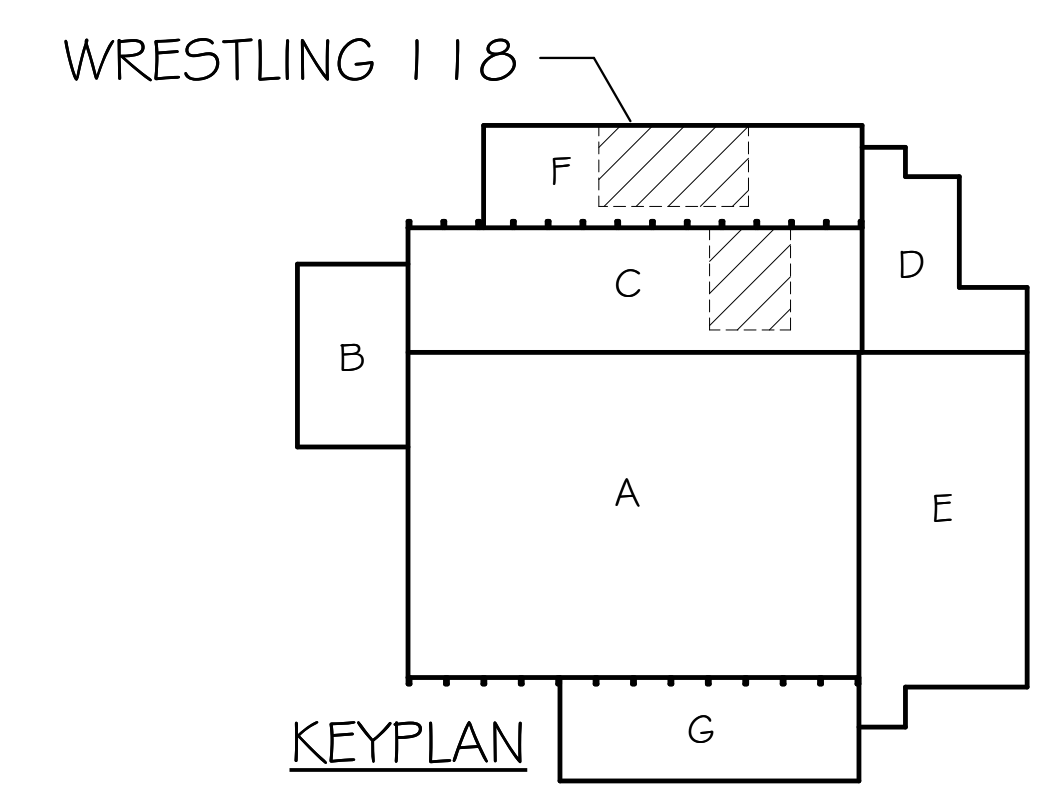
- KEYNOTES:
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 - TYP - SEE TYPICAL DIFFUSER CONNECTION DETAIL.
 - VC TO COORDINATE DUCTWORK, VAV, & DIFFUSER ELEVATIONS WITH EC. DIFFUSER ELEVATIONS TO MATCH LIGHT FIXTURES.
 - VC TO RELOCATE EXISTING FAN POWERED VAV-11 TO LOCATION SHOWN. INSTALL WITH CLEARANCES AS PER MANUFACTURER'S REQUIREMENTS. COORDINATE WITH PC, TC, & EC.
 - BY ALTERNATE #1 - VC TO PROVIDE & INSTALL SCHEDULED NEEDLEPOINT BI-POLAR IONIZATION SYSTEM IN DUCTWORK WHERE INDICATED ON PLANS. TC TO WIRE IONIZERS TO CONTROL BOX ON VAV SERVING DUCTWORK UNIT IS MOUNTED IN.
 - BY ALTERNATE #2 - VC TO PROVIDE & INSTALL AIR DISINFECTION SYSTEM IN DUCTWORK WHERE INDICATED ON PLANS. 120V POWER WIRING & DISCONNECT BY EC, VC TO COORDINATE.
 - BY ALTERNATE #2 - VC TO PROVIDE & INSTALL AIR DISINFECTION SYSTEM IN EXPOSED STRUCTURE CEILING WHERE INDICATED ON PLANS. CABLE HANG FROM STRUCTURE AS PER MANUFACTURER'S RECOMMENDATIONS. MATCH ELEVATION OF ADJACENT DIFFUSERS WHERE APPLIES. WHERE MOUNTED IN GPDW CEILING PROVIDE & INSTALL GPDW FRAME KIT IN ADDITION TO CABLE SUPPORT FROM STRUCTURE. 120V POWER WIRING & DISCONNECT BY EC, VC TO COORDINATE.
 - COORDINATE WALL FRAMING & DUCTWORK INSTALLATION IN WALL WITH GC.
 - 12" ROUTED ABOVE 14" IN BETWEEN CONCRETE STRUCTURAL BEAMS. INSTALL TO ALLOW CLEARANCE FOR SERVICE OF IONIZER & AIR DISINFECTION SYSTEM INSTALLED ON SIDE OF DUCTWORK.

- SPECIAL NOTES:
- ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.

- GENERAL NOTES:
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 - PROVIDE & INSTALL VIBRATION ISOLATION ON ALL HANGING EQUIPMENT. PROVIDE & INSTALL VIBRATION ABSORPTION MOUNTING PADS ON ALL EQUIPMENT MOUNTED ON FLOOR.
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 - ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.



N
FIRST FLOOR - HVAC PLAN - WRESTLING 118
1/8" = 1'-0"



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SHEET TITLE:
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M601

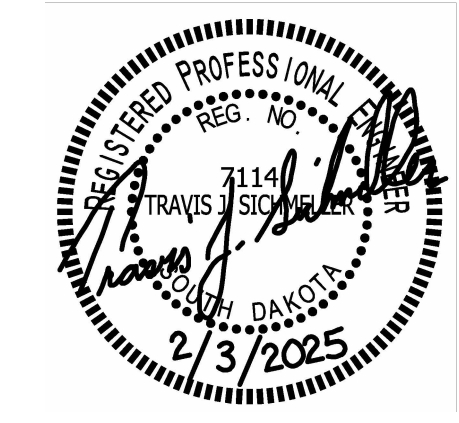
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ISSUE:
2/3/2025 100% CONSTRUCTION DOCUMENTS

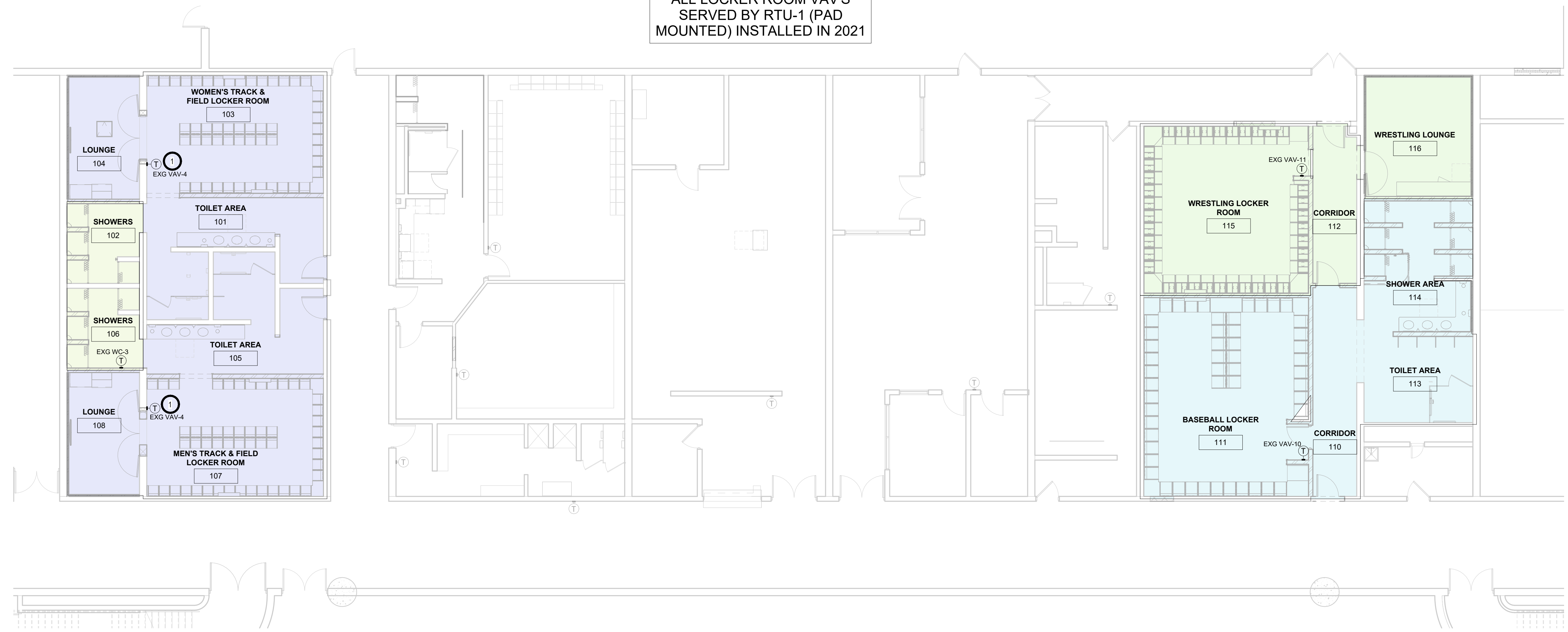
REVISION SCHEDULE:
REV. # REV. DSC. REV. DATE

PROJECT:
NSU - BARNETT CENTER - LOCKER
ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
OVERALL LOCKER ROOM -
HVAC TEMPERATURE
CONTROL ZONE PLAN

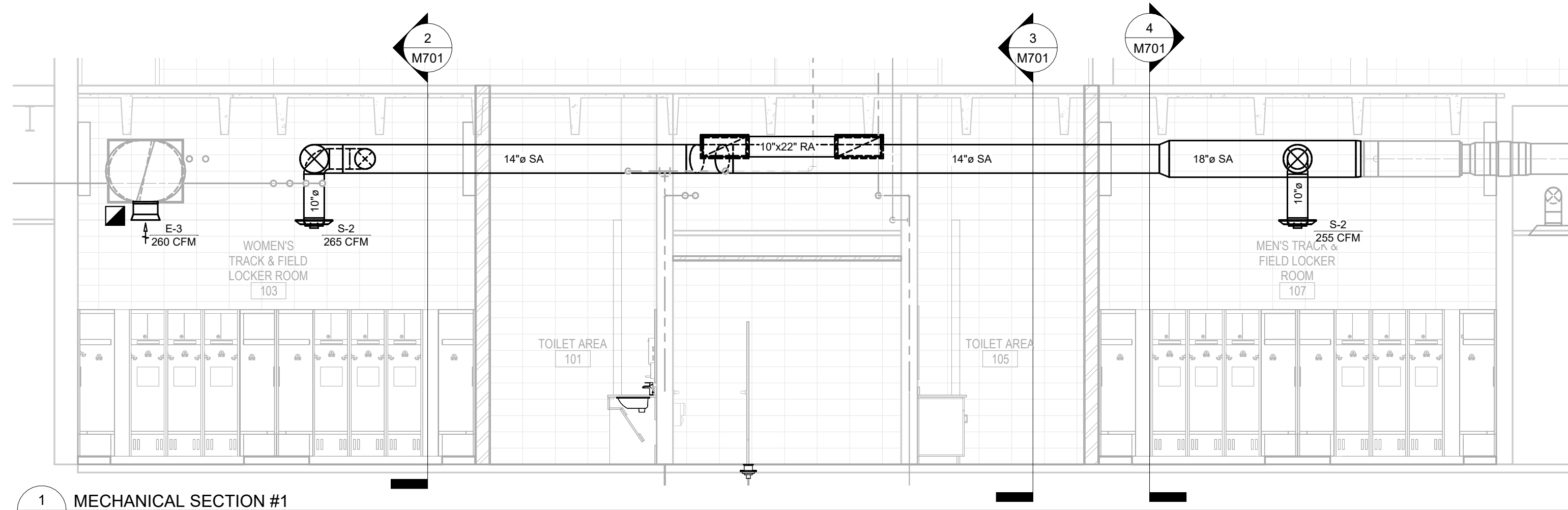
M602

ALL LOCKER ROOM VAV'S
SERVED BY RTU-1 (PAD
MOUNTED) INSTALLED IN 2021

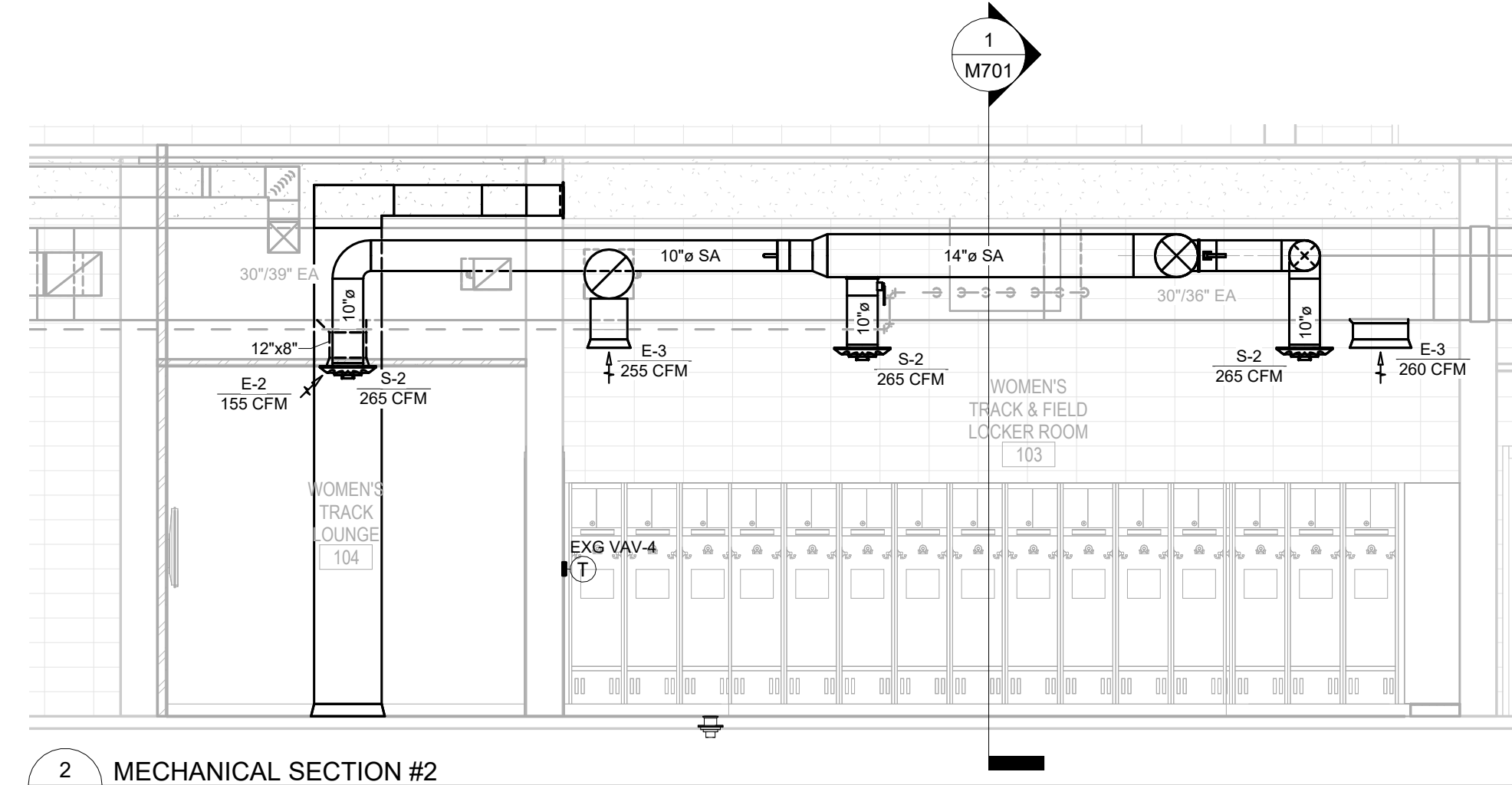


HVAC TEMPERATURE CONTROL ZONE PLAN
1/8" = 1'-0"

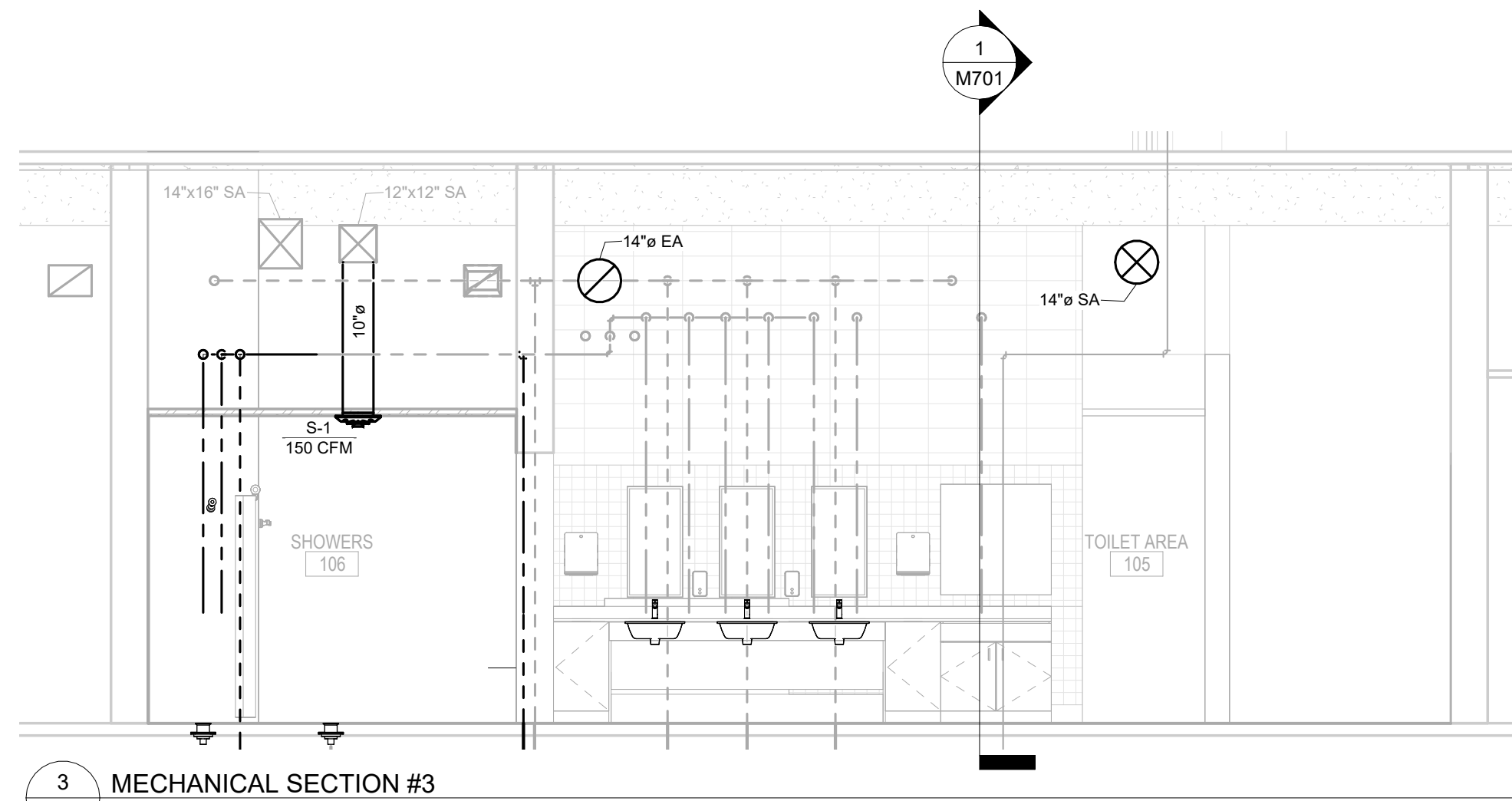
- KEYNOTES:
1. TC TO UTILIZE T-STATS IN ROOMS 103 & 107 FOR TEMPERATURE AVERAGING CONTROL OF EXG VAV-4.



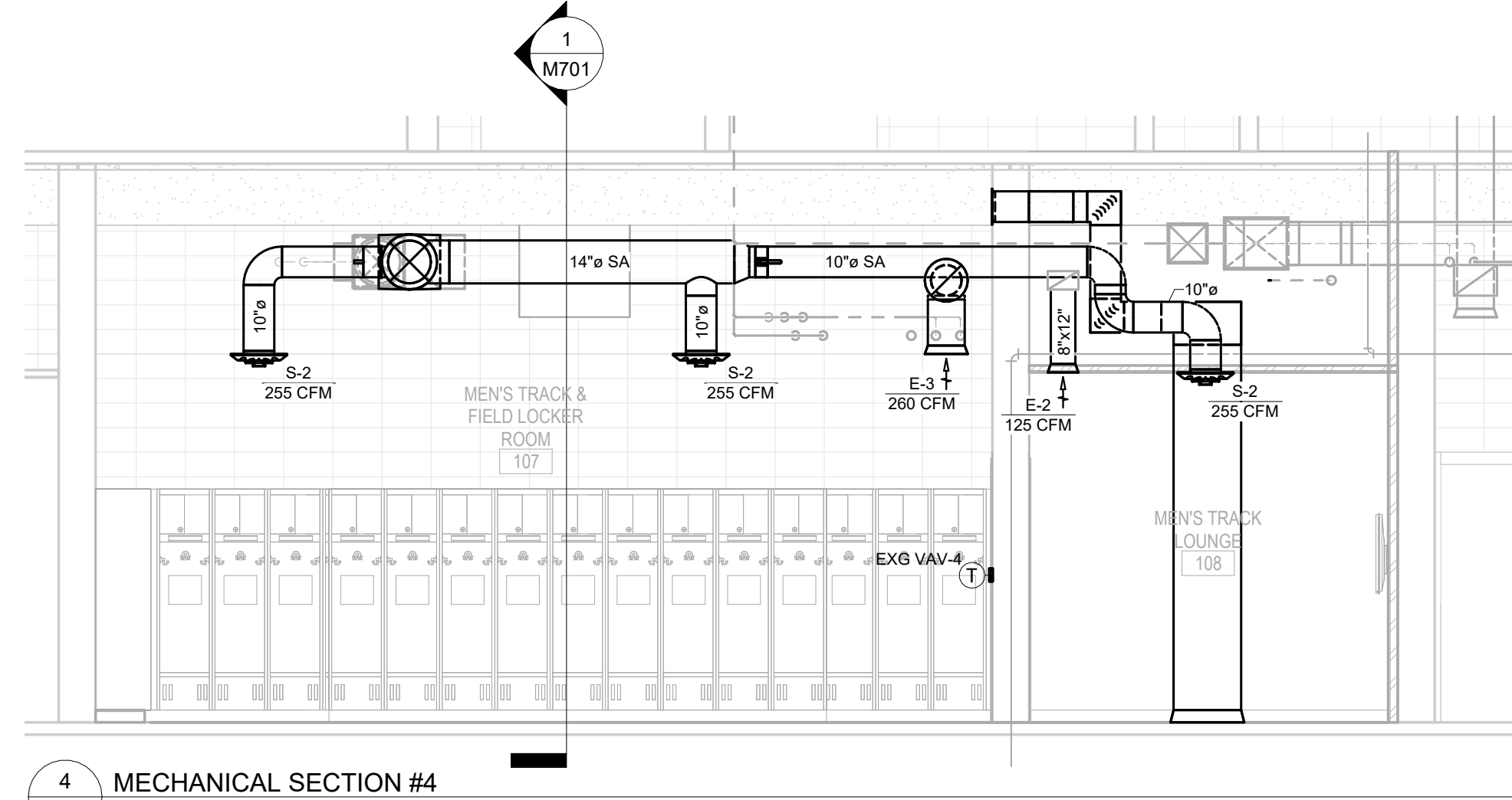
1 MECHANICAL SECTION #1
M701 SCALE: 1/4" = 1'-0"



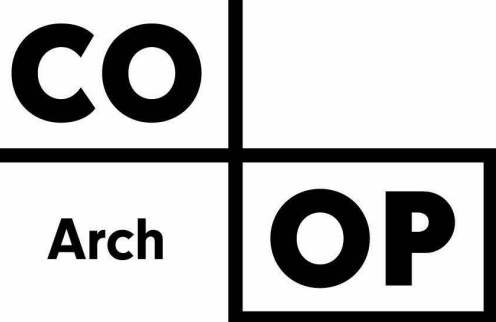
2 MECHANICAL SECTION #2
M701 SCALE: 1/4" = 1'-0"



3 MECHANICAL SECTION #3
M701 SCALE: 1/4" = 1'-0"



4 MECHANICAL SECTION #4
M701 SCALE: 1/4" = 1'-0"



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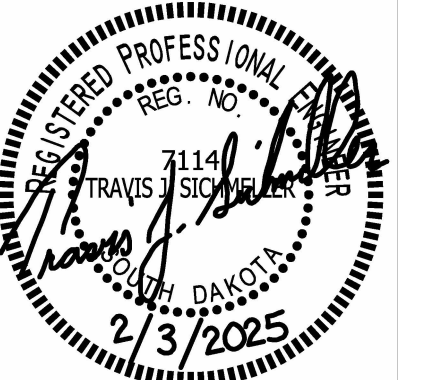
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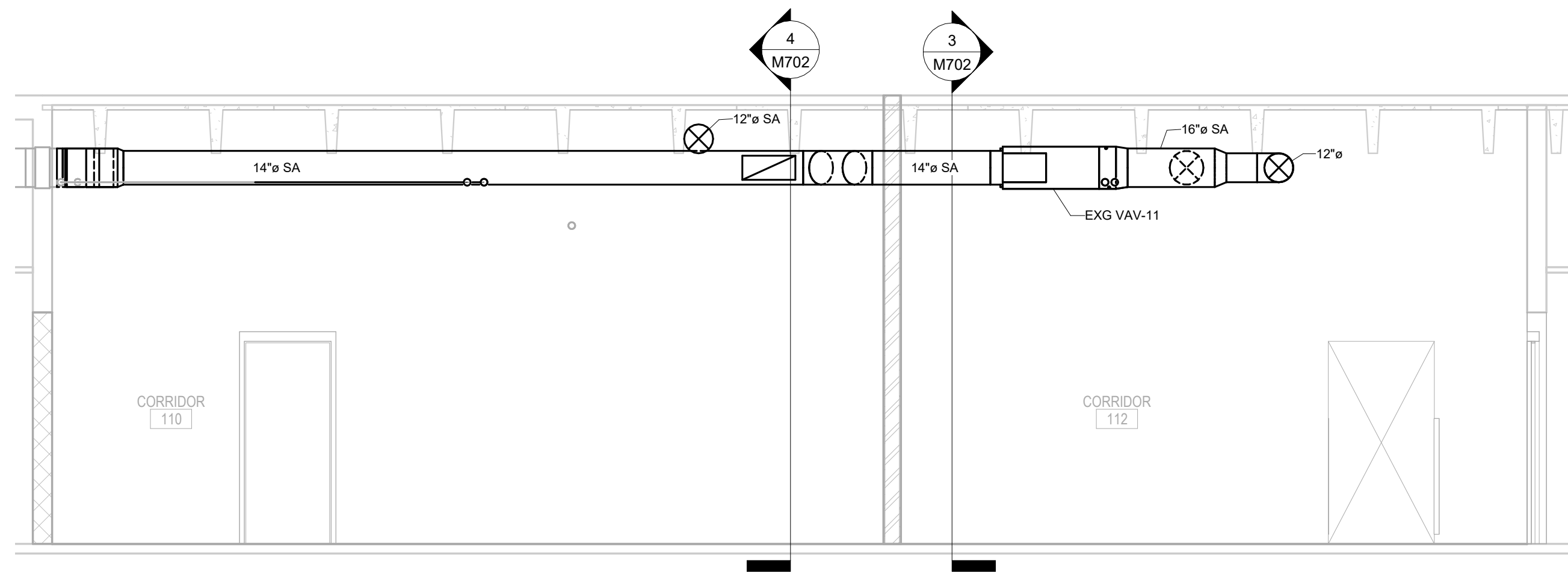
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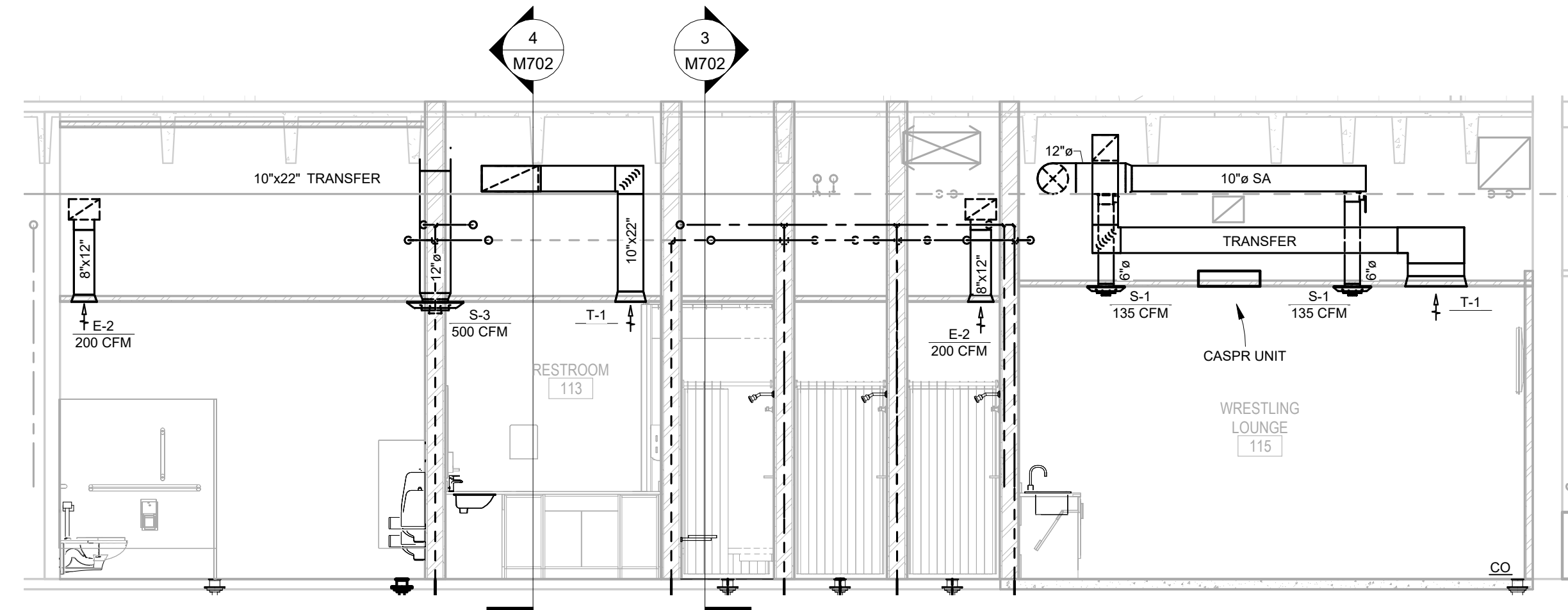
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SHEET TITLE:
MECHANICAL SECTIONS (1 OF
2)

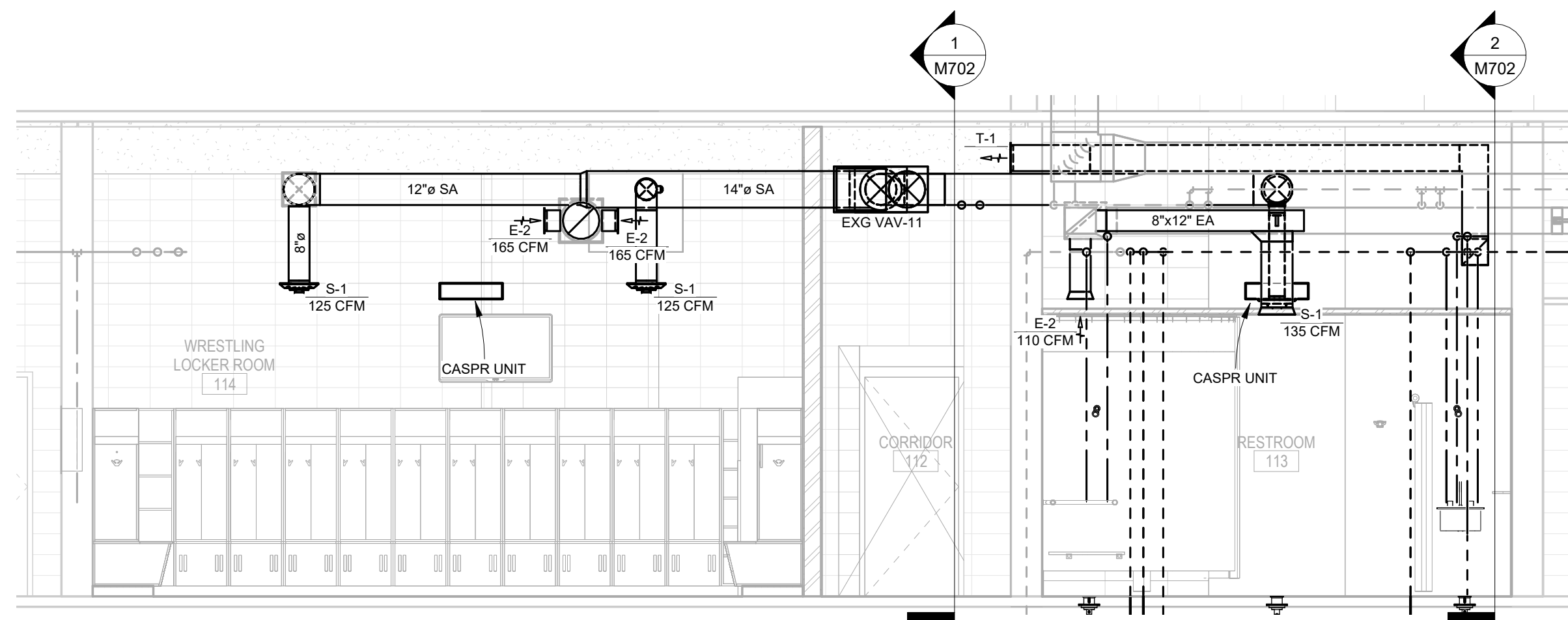
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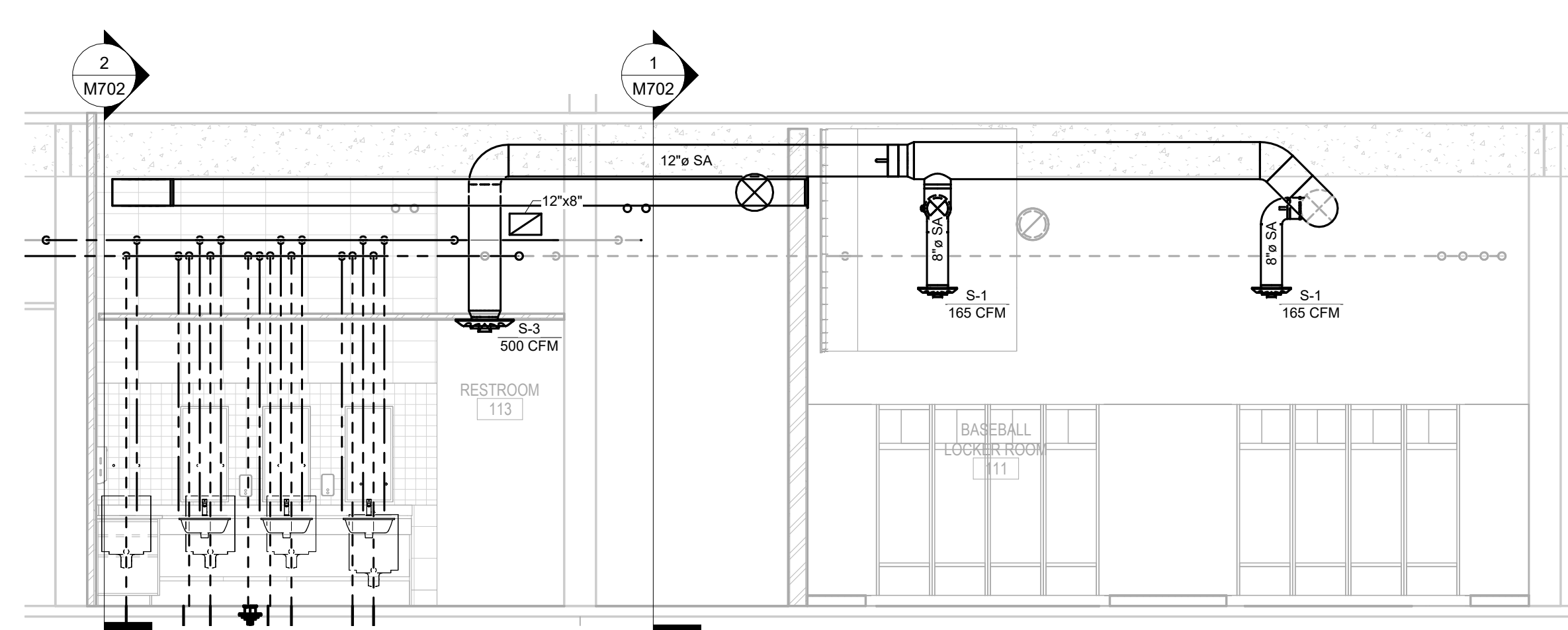
1 MECHANICAL SECTION #5
M702 SCALE: 1/4" = 1'-0"



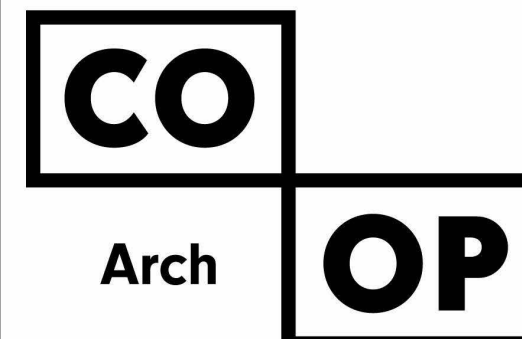
2 MECHANICAL SECTION #6
M702 SCALE: 1/4" = 1'-0"



3 MECHANICAL SECTION #7
M702 SCALE: 1/4" = 1'-0"



4 MECHANICAL SECTION #8
M702 SCALE: 1/4" = 1'-0"



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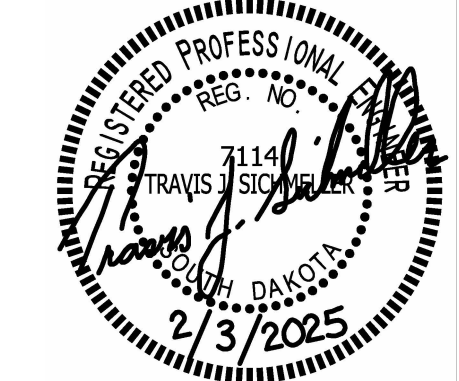
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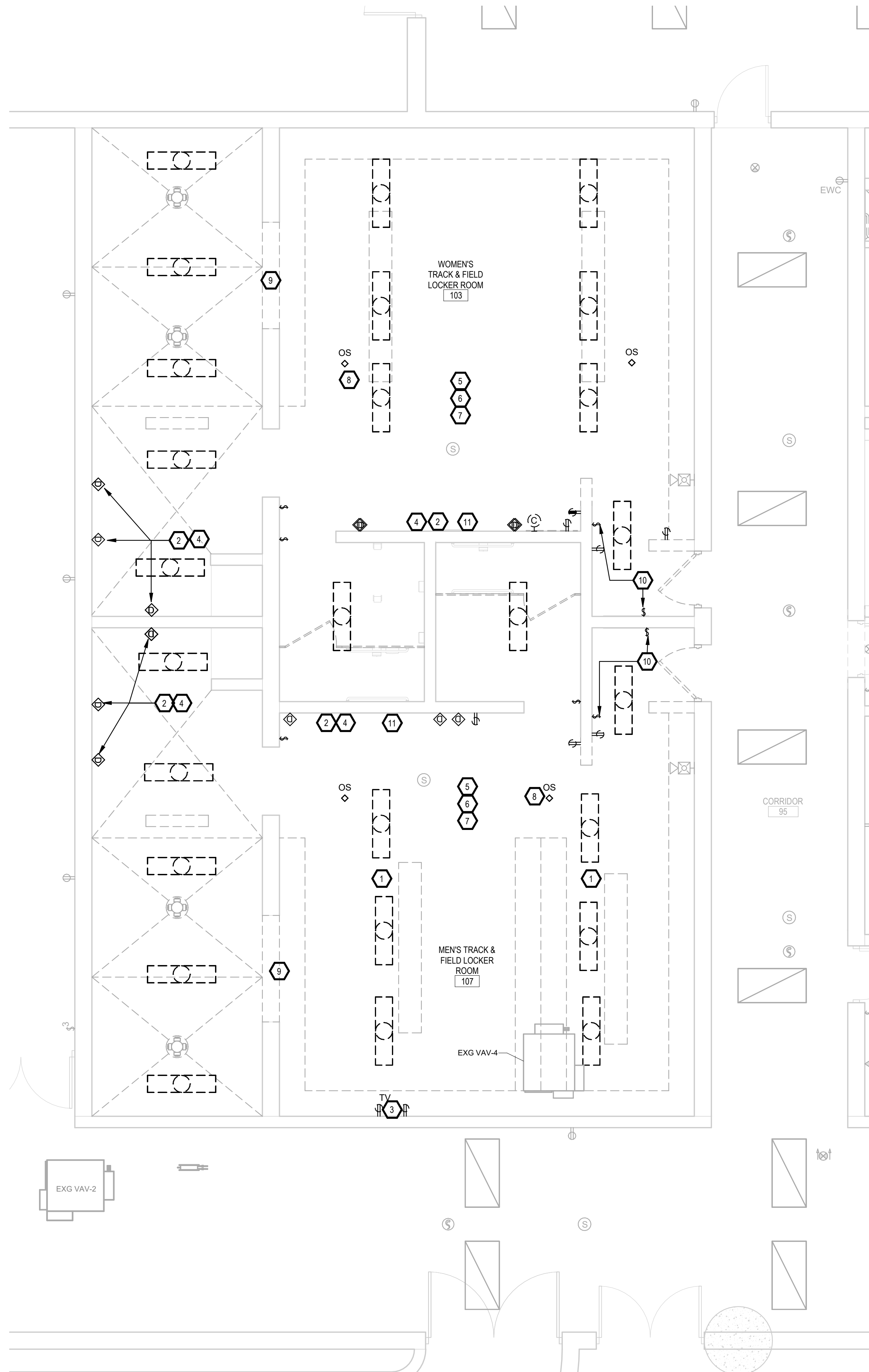
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SHEET TITLE:
MECHANICAL SECTIONS (2 OF 2)

M702



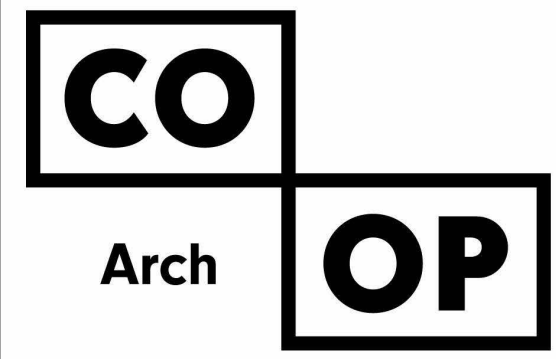
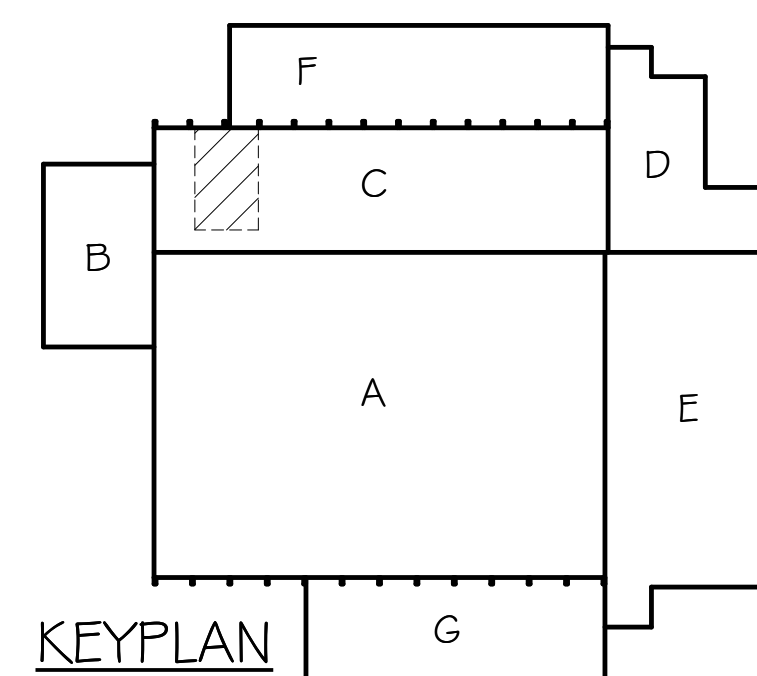
FIRST FLOOR - TRACK & FIELD ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"

GENERAL NOTES:

- A. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
- B. REMOVE ELECTRICAL EQUIPMENT IN THE AREAS SHOWN ON THE PLAN, DISCONNECT CIRCUITS AND CONDUITS AND REMOVE TO A POINT OUT OF THE WAY OF THE GENERAL DEMOLITION. MARK ON THE PLAN TO CLEARLY SHOW WHERE THESE CIRCUITS ARE STOPPED. DISCONNECT THE POWER AND LIGHTING CIRCUITS IN THE PANELS TO ASSURE THAT THERE IS NO DANGER FROM ELECTRICAL SHOCK HAZARD PRESENT. DEMOLITION WORK SHALL BE COORDINATED WITH THE OWNER. SHOULD QUESTIONS ARISE REGARDING THE REMOVAL OF EQUIPMENT, CONFER WITH THE OWNER BEFORE SUCH EQUIPMENT IS DEMOLISHED. MATERIALS REMOVED BY DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE SPECIFICALLY NOTED. MATERIAL THE OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR.
- C. EQUIPMENT SHOWN ON DRAWINGS AS EXISTING IS BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION. THE FIELD SURVEY WAS CONDUCTED TO VERIFY, AS MUCH AS POSSIBLE, THE ACCURACY OF THE LOCATIONS SHOWN. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE "EXISTING CONDITIONS" AS SHOWN ON THE DRAWINGS AS THE DEMOLITION WORK PROGRESSES. PERFORM MODIFICATIONS AND ADDITIONS AS NECESSARY TO CORRECT FOR THESE HIDDEN CONDITIONS AND ALLOW FOR THE COMPLETION OF THE NEW WORK.
- D. THE EXISTING BUILDING WILL BE IN USE DURING THIS CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTIONS. TEMPORARY SERVICES SHALL BE INSTALLED IF ONE PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING OR IF EQUIPMENT HAS TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION, WHICH EXISTED PRIOR TO THE INTERRUPTION.
- E. PROVIDE PENETRATIONS TO THE BUILDING STRUCTURE AS REQUIRED FOR INSTALLATION. WHERE EXISTING OR TEMPORARY SYSTEMS ARE BEING DEMOLISHED, WHICH LEAVE OPENINGS IN THE EXISTING BUILDING STRUCTURE, THE BUILDING STRUCTURE SHALL BE PATCHED TO MATCH THE EXISTING CONSTRUCTION AND MAINTAIN THE EXISTING BUILDING FIRE RATINGS.

ELECTRICAL NOTES:

- 1. DISCONNECT & REMOVE EXG LIGHTING CIRCUIT BACK TO PANEL "H1 - 3". LABEL SPARE IN PANEL.
- 2. DISCONNECT & REMOVE EXG HAND/HAIR DRYERS & REMOVE CIRCUIT BACK TO PANEL "L1".
- 3. DISCONNECT, REMOVE EXG RECEPTACLES AND RACEWAYS AS REQUIRED. DEMO CIRCUITS BACK TO EXG PANEL AS NEEDED.
- 4. SALVAGE & GIVE TO OWNER EXG HAND DRYER. SEE PROPOSED.
- 5. TYPICAL - EC TO DISCONNECT & REMOVE EXISTING LIGHTS SHOWN DARK & DASHED.
- 6. TYPICAL - EC TO DISCONNECT & REMOVE EXISTING FIRE ALARM DEVICES SHOWN DARK & DASHED.
- 7. DISCONNECT & MAINTAIN EXG DEVICES DOWNSTREAM. SALVAGE EXG POWERED CLOCK & TURN OVER TO OWNER.
- 8. EC TO REMOVE OCCUPANCY SENSOR & INSTALL BLANK COVER.
- 9. EC TO COORDINATE WITH GC TO CUT AND PATCH CONCRETE FOR INSTALLATION OF CONDUITS FOR LOCKER TOE-KICK POWER. SEE ARCHITECTURAL AND PROPOSED.
- 10. DEMO EXG SWITCH AND BOX IN CMU WALL. COORDINATE WITH GC FOR CONCRETE BLOCK PATCHING. SEE PROPOSED.
- 11. EC TO REMOVE EXG SCOREBOARD TIME CLOCK. MAINTAIN EXG LOW VOLTAGE CIRCUITRY TO NOT INTERRUPT UP/DOWN STREAM DEVICES. REINSTALL SCOREBOARD TIME CLOCK SEE PROPOSED.



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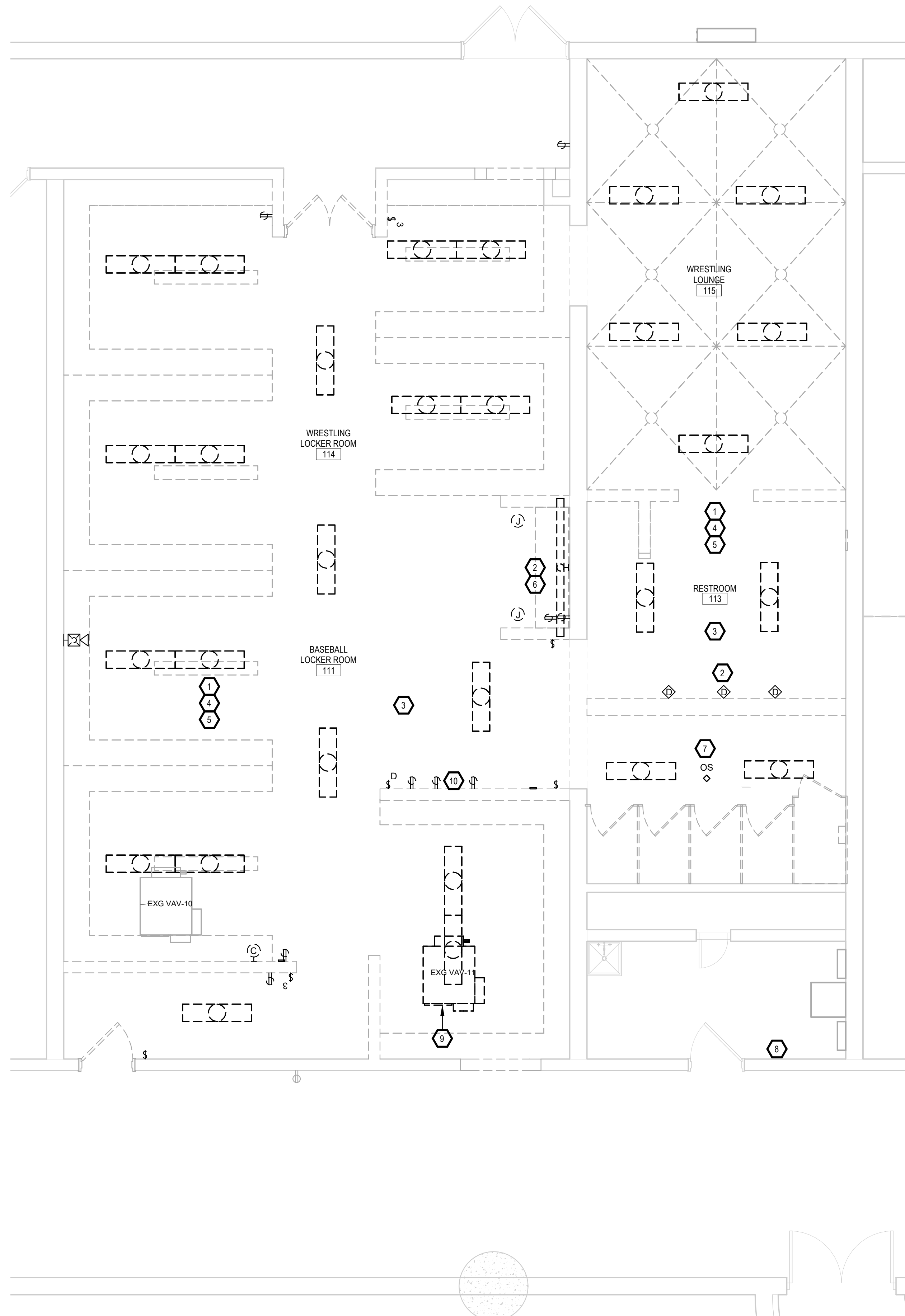
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NSU - BARNETT CENTER -
LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - ELECTRICAL
DEMOLITION PLAN

E200

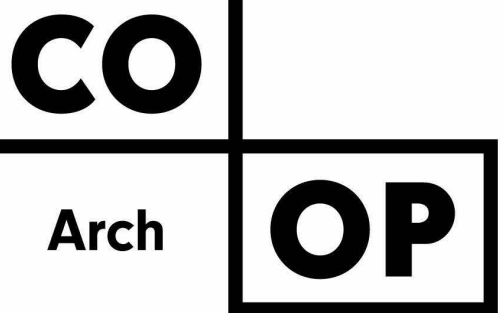
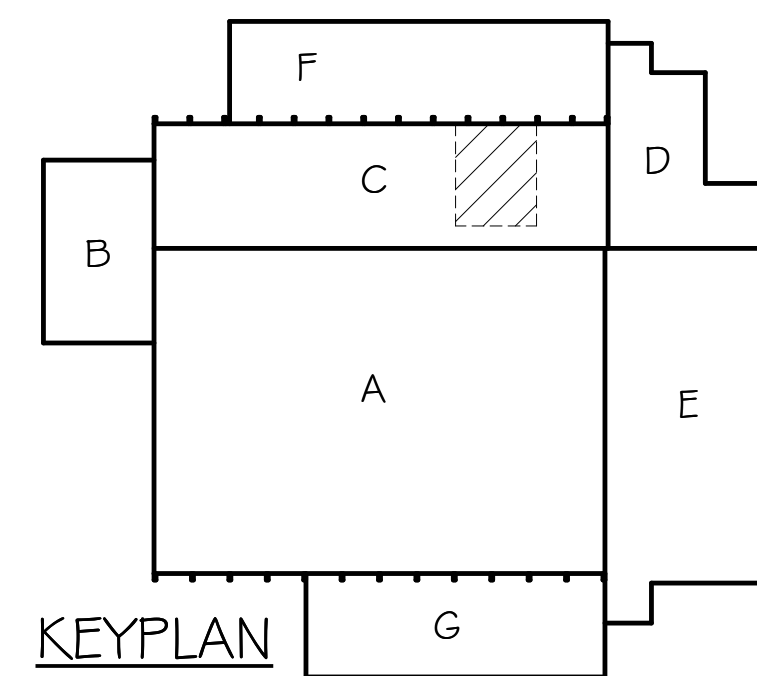


GENERAL NOTES:

- A. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, INCLUDING ANY NECESSARY DEMOLITION.
- B. REMOVE ELECTRICAL EQUIPMENT IN THE AREAS SHOWN ON THE PLAN, DISCONNECT CIRCUITS AND CONDUITS AND REMOVE TO A POINT OUT OF THE WAY OF THE GENERAL DEMOLITION. MARK ON THE PLAN TO CLEARLY SHOW WHERE THESE CIRCUITS ARE STOPPED. DISCONNECT THE POWER AND LIGHTING CIRCUITS IN THE PANELS TO ASSURE THAT THERE IS NO DANGER FROM ELECTRICAL SHOCK HAZARD PRESENT. DEMOLITION WORK SHALL BE COORDINATED WITH THE OWNER. SHOULD QUESTIONS ARISE REGARDING THE REMOVAL OF EQUIPMENT, CONFER WITH THE OWNER BEFORE SUCH EQUIPMENT IS DEMOLISHED. MATERIALS REMOVED BY DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE SPECIFICALLY NOTED. MATERIAL THE OWNER DOES NOT WISH TO RETAIN SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR.
- C. EQUIPMENT SHOWN ON DRAWINGS AS EXISTING IS BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION. THE FIELD SURVEY WAS CONDUCTED TO VERIFY, AS MUCH AS POSSIBLE, THE ACCURACY OF THE LOCATIONS SHOWN. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE "EXISTING CONDITIONS" AS SHOWN ON THE DRAWINGS AS THE DEMOLITION WORK PROGRESSES. PERFORM MODIFICATIONS AND ADDITIONS AS NECESSARY TO CORRECT FOR THESE HIDDEN CONDITIONS AND ALLOW FOR THE COMPLETION OF THE NEW WORK.
- D. THE EXISTING BUILDING WILL BE IN USE DURING THIS CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTIONS. TEMPORARY SERVICES SHALL BE INSTALLED IF ONE PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING OR IF EQUIPMENT HAS TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION, WHICH EXISTED PRIOR TO THE INTERRUPTION.
- E. PROVIDE PENETRATIONS TO THE BUILDING STRUCTURE AS REQUIRED FOR INSTALLATION. WHERE EXISTING OR TEMPORARY SYSTEMS ARE BEING DEMOLISHED, WHICH LEAVE OPENINGS IN THE EXISTING BUILDING STRUCTURE, THE BUILDING STRUCTURE SHALL BE PATCHED TO MATCH THE EXISTING CONSTRUCTION AND MAINTAIN THE EXISTING BUILDING FIRE RATINGS.

ELECTRICAL NOTES:

- 1. EC TO REMOVE EXG. LIGHTING CIRCUITRY BACK TO PANEL "H3 - 3 & 5". VERIFY CIRCUITRY.
- 2. DISCONNECT & REMOVE EXG HAND/HAIR DRYERS & REMOVE CIRCUIT BACK TO PANEL "L3".
- 3. DISCONNECT, REMOVE EXG RECEPTACLES AND RACEWAYS AS REQUIRED. DEMO CIRCUITS BACK TO EXG PANEL AS NEEDED.
- 4. TYPICAL - EC TO DISCONNECT & REMOVE EXISTING LIGHTS SHOWN DARK & DASHED.
- 5. TYPICAL - EC TO DISCONNECT & REMOVE EXISTING FIRE ALARM DEVICES SHOWN DARK & DASHED.
- 6. DISCONNECT & MAINTAIN EXG DEVICES DOWNSTREAM. SALVAGE EXG POWERED CLOCK & TURN OVER TO OWNER.
- 7. EC TO DEMO EXG CEILING OCCUPANCY SENSOR.
- 8. REMOVE EXG CABINET AND RETURN TO OWNER FOR INSTALLATION OF NEW SUB-PANEL. SEE PROPOSED.
- 9. EC TO DISCONNECT POWER FOR EXG VAV-11. REWORK EXG POWER AND EXTEND TO PROPOSED LOCATION. SEE PROPOSED ON E301.
- 10. EC TO REMOVE EXG SCOREBOARD TIME CLOCK. MAINTAIN EXG LOW VOLTAGE CIRCUITRY TO NOT INTERRUPT UP/DOWN STREAM DEVICES. REINSTALL SCOREBOARD TIME CLOCK SEE PROPOSED.



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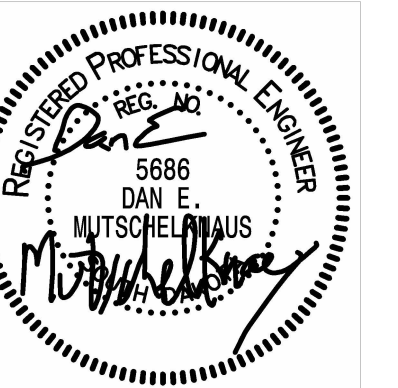
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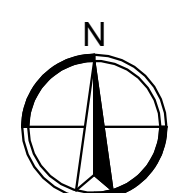
PROJECT:

NSU - BARNETT CENTER -
LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
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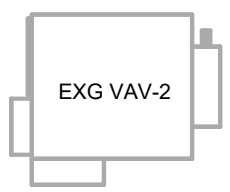
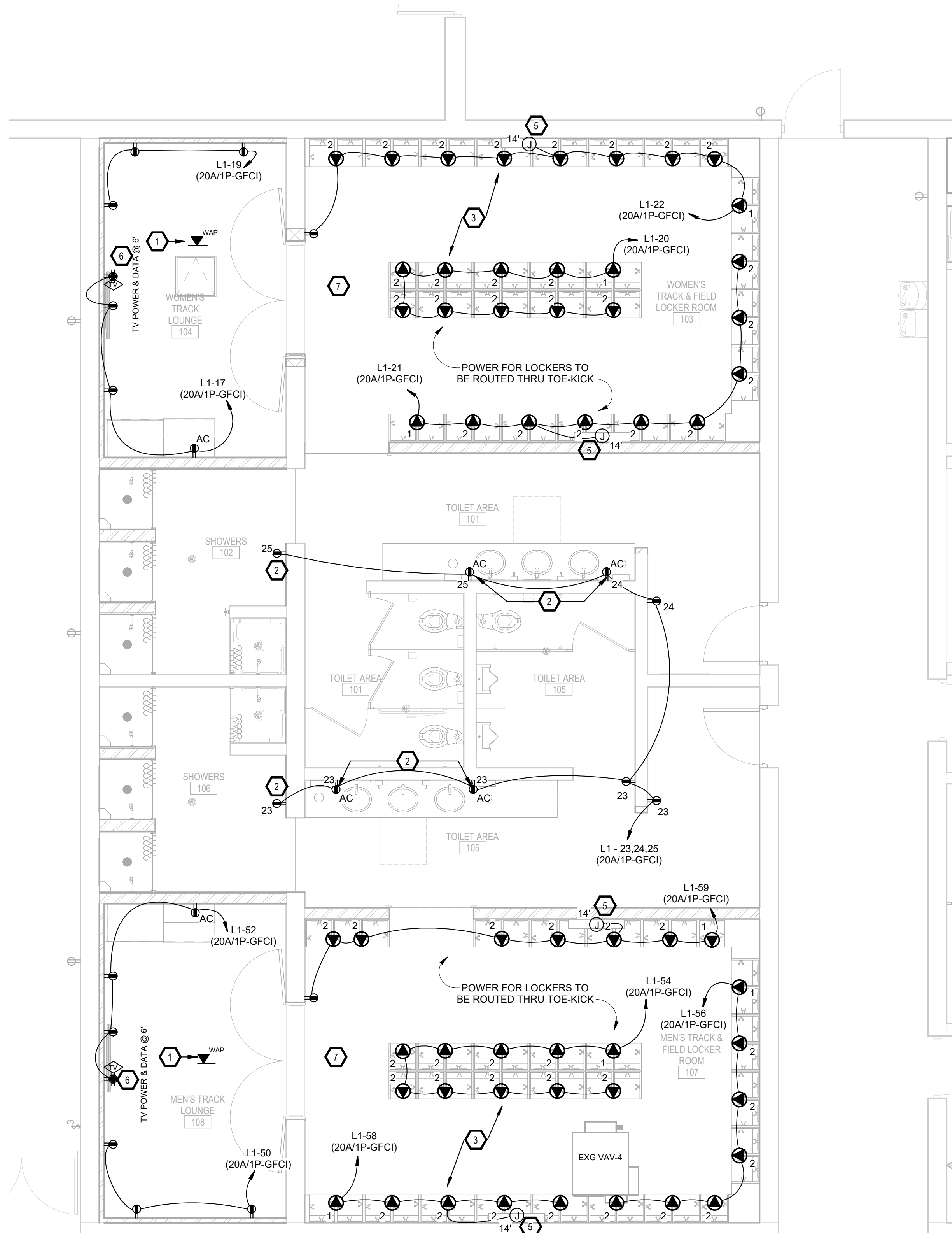
SHEET TITLE:

WRESTLING & BASEBALL -
ELECTRICAL DEMOLITION PLAN

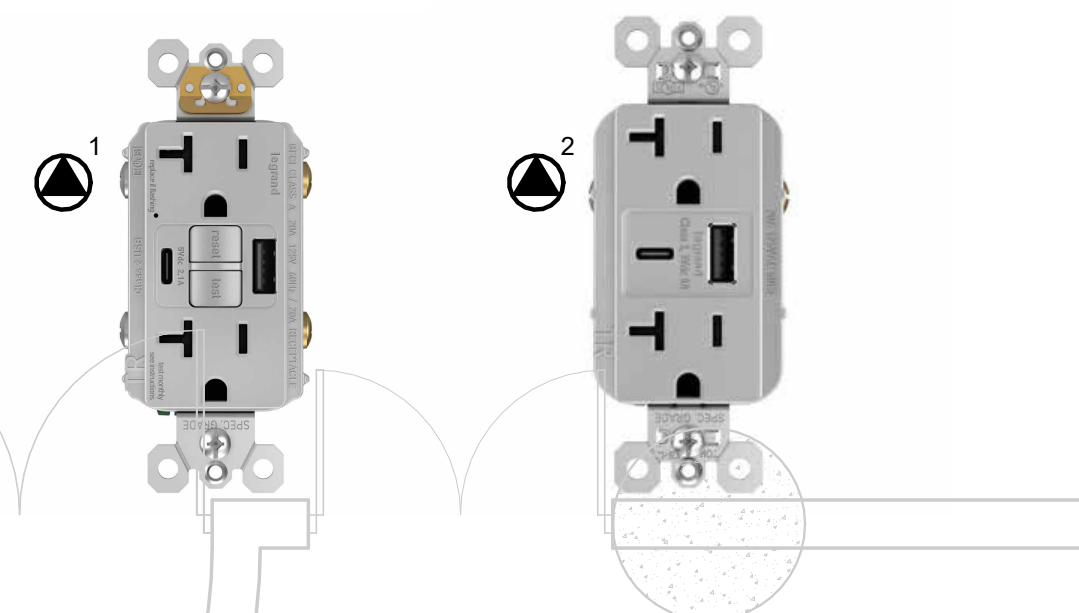
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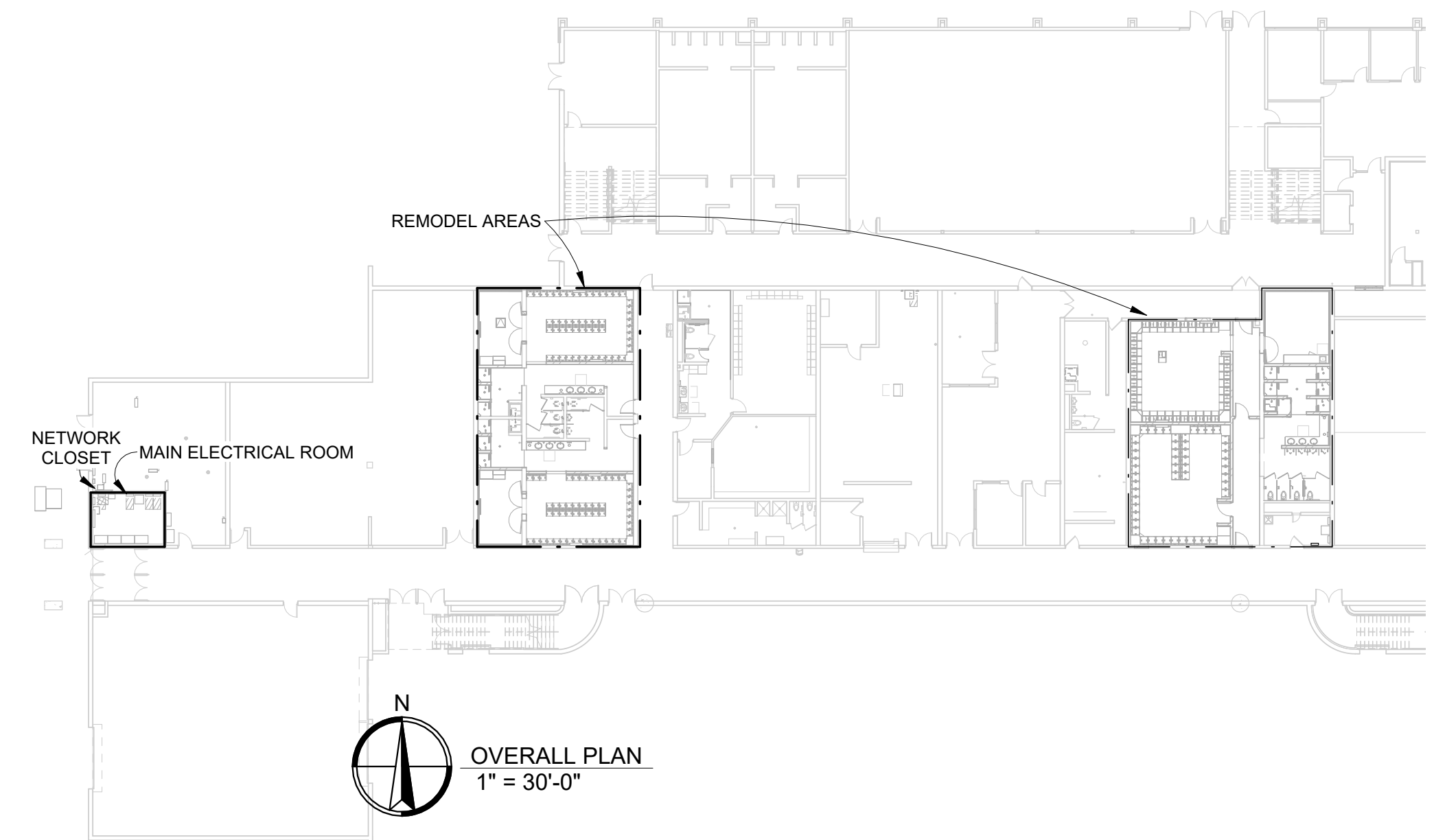
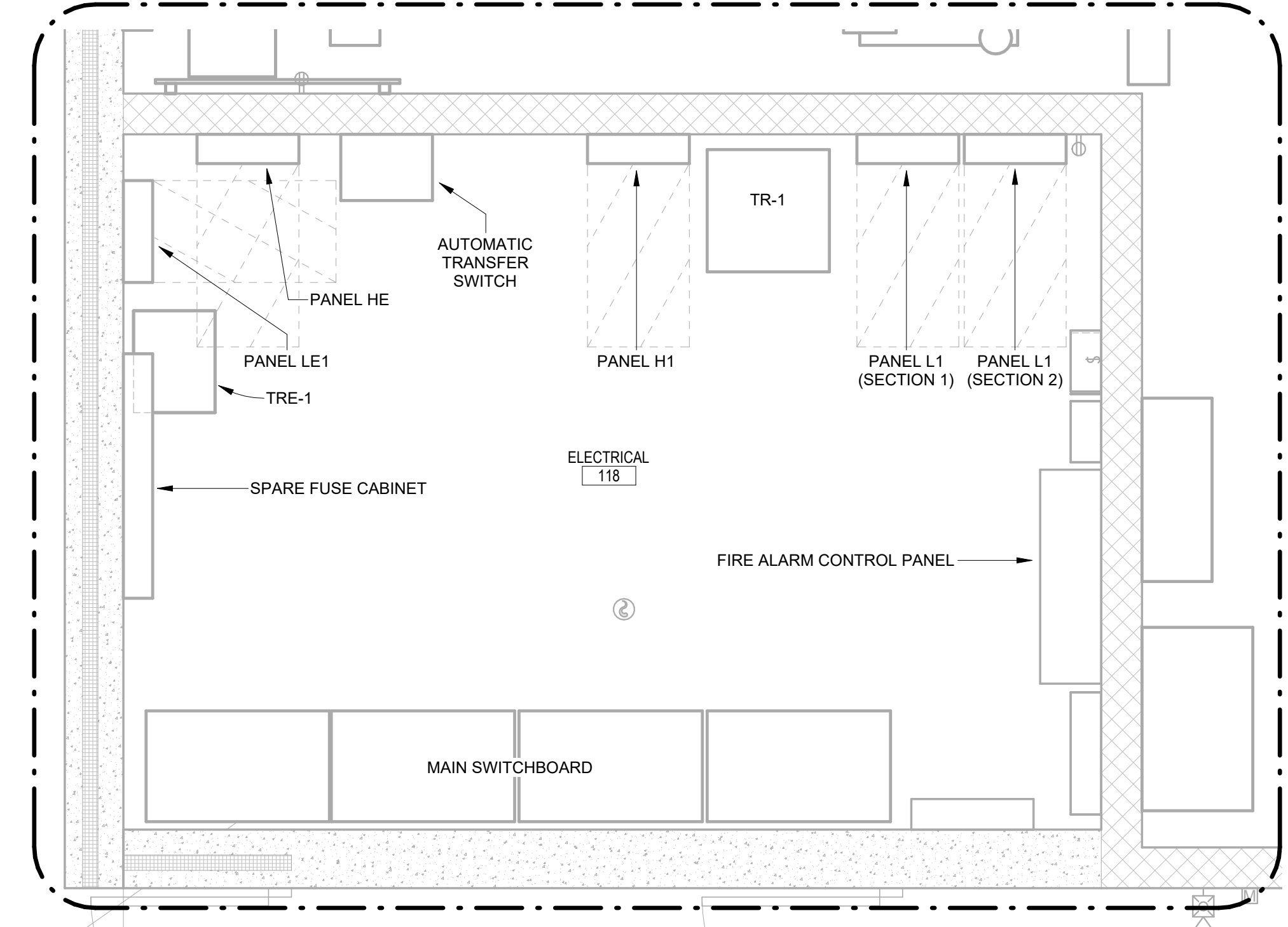
FIRST FLOOR - WRESTLING/BASEBALL ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"



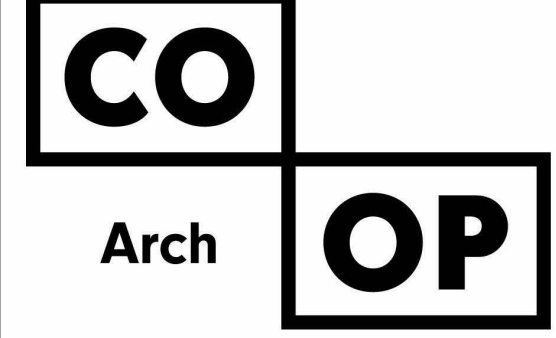
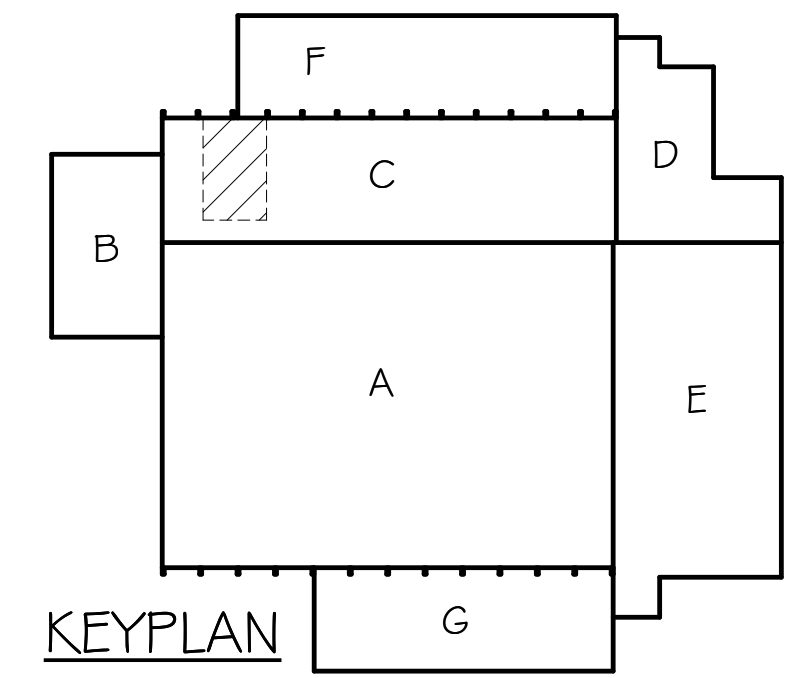
- POWER & DATA SPECIAL OUTLETS:**
- 2x4 BELL BOX FOR LOCKER POWER - TO COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE. INSTALL LEGRAND - 2097TRUSBACGRY GFCI OR EQUAL IN TOE KICK. INSTALL AT LINE OF SUPPLY AND LOAD FEED DOWN STREAM DEVICES.
 - 2x4 BELL BOX FOR LOCKER POWER - COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE LOAD FED TR20USBAC6GRY OR EQUAL.



FIRST FLOOR - TRACK & FIELD POWER & DATA PLAN
1/4" = 1'-0"



- KEYNOTES:**
- TYPICAL WAP LOCATION - INSTALL ONE CAT6A CABLE (COLOR WHITE) CENTRALLY TO OWNER PROVIDE WIRELESS ACCESS POINT. PULL CABLES TO MECH RM 111 NETWORK CLOSET AS NOTED ON PLAN. LEAVE 15' SERVICE LOOP INSTALLED BY BICSI CERTIFIED INSTALLER.
 - TYPICAL - GC SHALL BE RESPONSIBLE TO CUT CHANNELS INTO THE EXG CMU WALL SO THAT CONDUIT AND OUTLET BOXES FOR RECEPTACLES ARE RECESSED FLUSH WITH EXG WALL. PATCHING OF WALL BY GC, NEW TILE FINISHES WILL BE INSTALLED OVER THE PATCHED WALL. COORDINATE ROUTING WITH GC FOR CUTTING WALL.
 - INSTALL SPECIAL OUTLET RECEPTACLES SEE POWER & DATA SPECIAL OUTLETS FOR TYPE USED. SPACE EVENLY BETWEEN LOCKERS UNLESS ILLUSTRATED DIFFERENTLY. SEE ELEVATIONS FOR DETAILS.
 - NOT USED.
 - PROVIDE J-BOX ON CEILING WITH 120V POWER FOR FUTURE SIGNAGE. COORDINATE EXACT LOCATION WITH OWNER.
 - TYPICAL TV DATA: INSTALL TWO GANG BOX OPENING AND PROVIDE 4-CAT 6 CABLES IN CONDUIT ROUTED TO CORRIDOR. PULL CABLES TO MECH RM 49 NETWORK CLOSET AS NOTED ON PLAN. LEAVE 15' SERVICE LOOP INSTALLED BY BICSI CERTIFIED INSTALLER. VERIFY EXACT HEIGHTS AND LOCATIONS WITH OWNER.
 - INSTALL 1" CONDUIT BELOW GRADE FOR POWER TO SERVE LOCKER TOE-KICK OUTLETS.

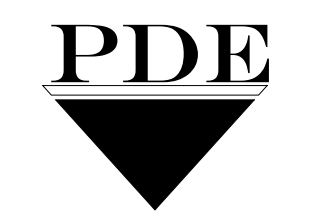


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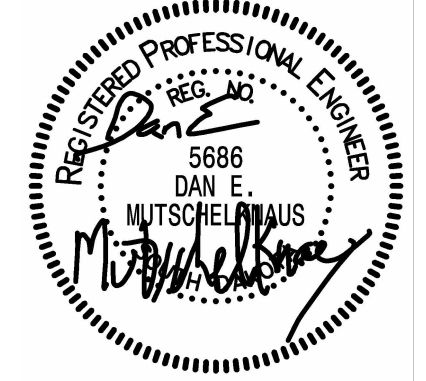
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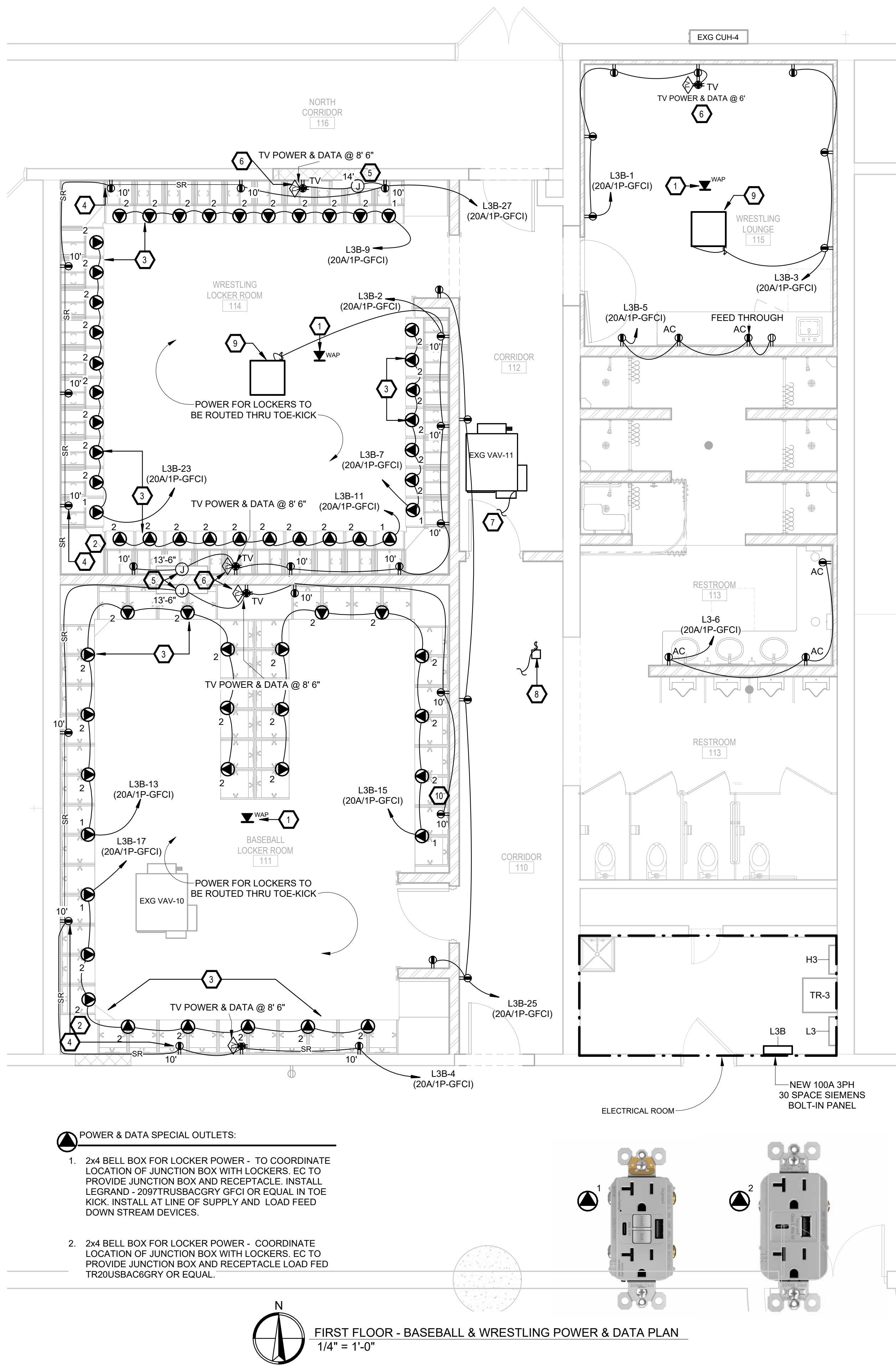
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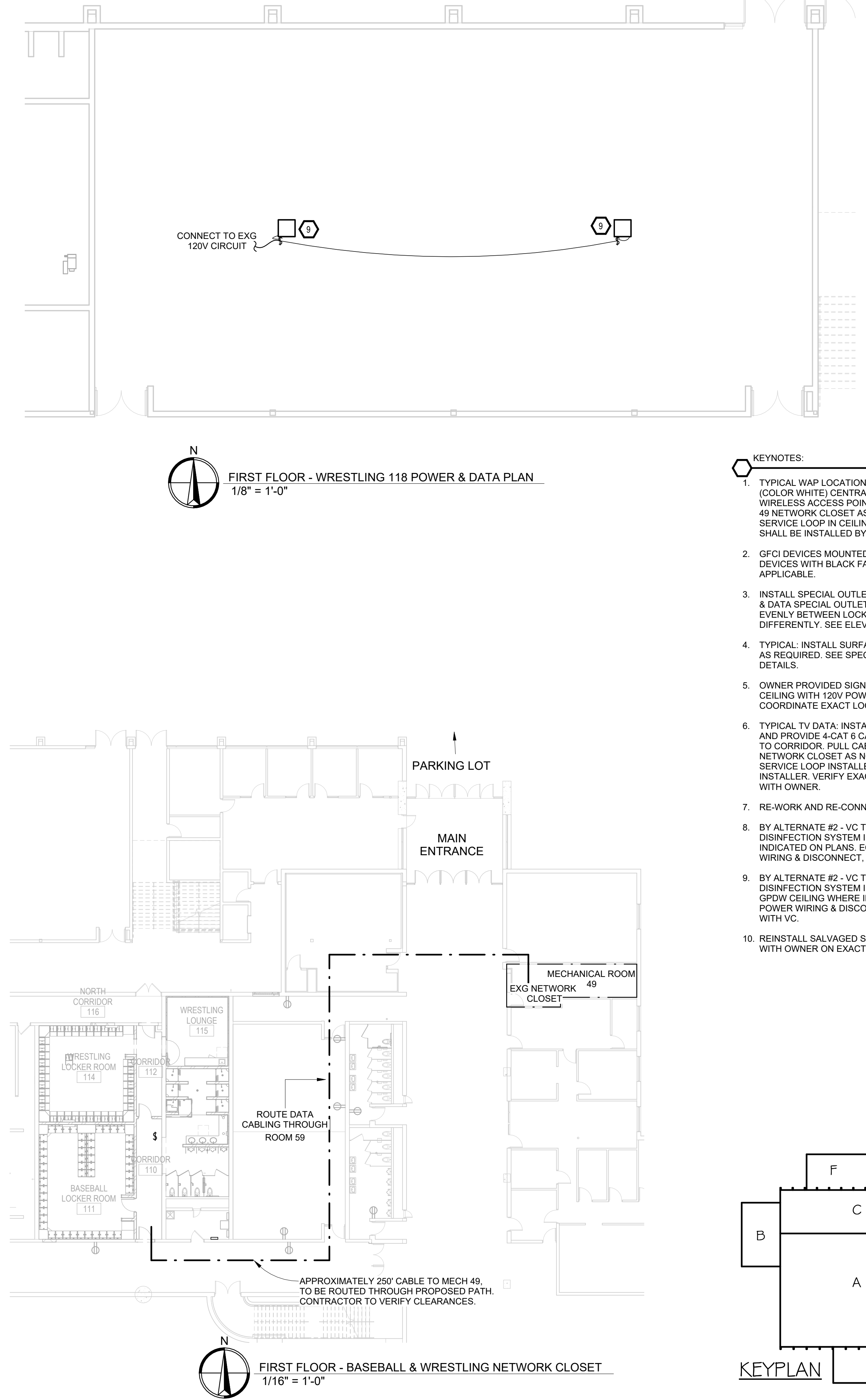
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ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - POWER &
DATA PLAN

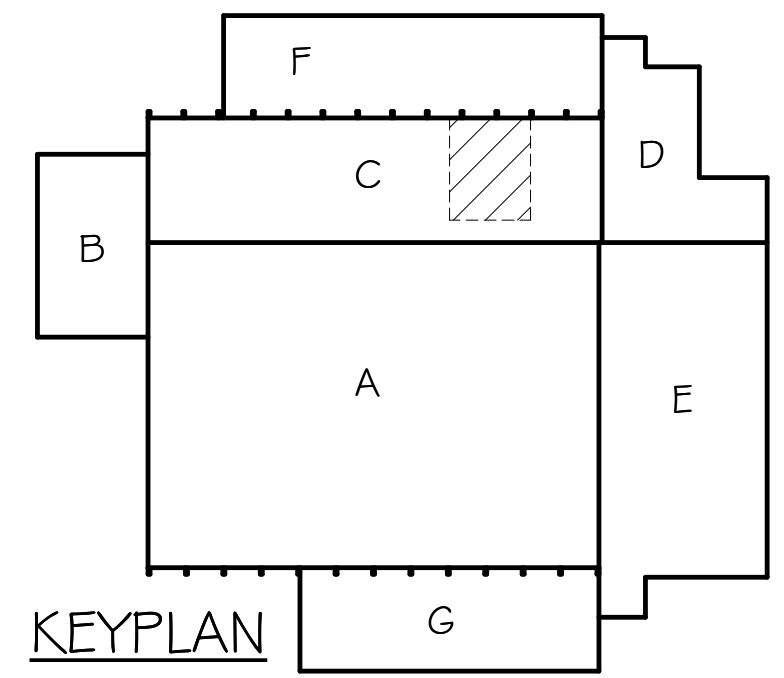
E300



FIRST FLOOR - BASEBALL & WRESTLING POWER & DATA PLAN
1/4" = 1'-0"



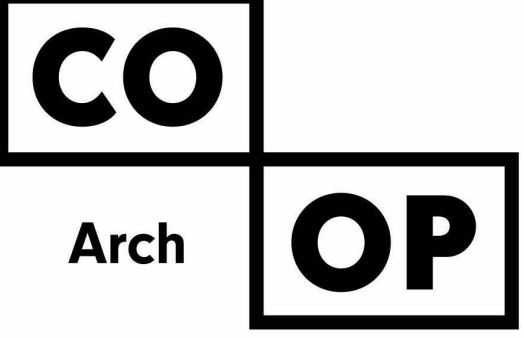
FIRST FLOOR - BASEBALL & WRESTLING NETWORK CLOSET
1/16" = 1'-0"



KEYPLAN

FIRST FLOOR - WRESTLING 118 POWER & DATA PLAN
1/8" = 1'-0"

- KEYNOTES:**
- TYPICAL WAP LOCATION - INSTALL ONE CAT6A CABLE (COLOR WHITE) CENTRALLY TO OWNER PROVIDE WIRELESS ACCESS POINT. PULL CABLES TO MECH RM 49 NETWORK CLOSET AS NOTED ON PLAN. LEAVE 15' SERVICE LOOP IN CEILING FOR FLEXIBILITY. ALL DATA SHALL BE INSTALLED BY BICSI CERTIFIED INSTALLER.
 - GFCI DEVICES MOUNTED @ 10' SHALL BE BLACK DEVICES WITH BLACK FACEPLATES WHERE APPLICABLE.
 - INSTALL SPECIAL OUTLET RECEPTACLES SEE POWER & DATA SPECIAL OUTLETS FOR TYPE USED. SPACE EVENLY BETWEEN LOCKERS UNLESS ILLUSTRATED DIFFERENTLY. SEE ELEVATIONS FOR DETAILS.
 - TYPICAL: INSTALL SURFACE MOUNTED RECEPTACLES AS REQUIRED. SEE SPEC'S FOR SURFACE RACEWAY DETAILS.
 - OWNER PROVIDED SIGNAGE. PROVIDE J-BOX ON CEILING WITH 120V POWER FOR FUTURE SIGNAGE. COORDINATE EXACT LOCATION WITH OWNER.
 - TYPICAL TV DATA: INSTALL TWO GANG BOX OPENING AND PROVIDE 4 CAT 6 CABLES IN CONDUIT ROUTED TO CORRIDOR. PULL CABLES TO MECH RM 49 NETWORK CLOSET AS NOTED ON PLAN. LEAVE 15' SERVICE LOOP INSTALLED BY BICSI CERTIFIED INSTALLER. VERIFY EXACT HEIGHTS AND LOCATIONS WITH OWNER.
 - RE-WORK AND RE-CONNECT TO EXG CIRCUIT.
 - BY ALTERNATE #2 - VC TO PROVIDE & INSTALL AIR DISINFECTION SYSTEM IN DUCTWORK WHERE INDICATED ON PLANS. EC TO PROVIDE 120V POWER WIRING & DISCONNECT, COORDINATE WITH VC.
 - BY ALTERNATE #2 - VC TO PROVIDE & INSTALL AIR DISINFECTION SYSTEM IN EXPOSED STRUCTURE OR GPDW CEILING WHERE INDICATED ON PLANS. 120V POWER WIRING & DISCONNECT BY EC, COORDINATE WITH VC.
 - REINSTALL SALVAGED SCOREBOARD CLOCK. VERIFY WITH OWNER ON EXACT HEIGHT & LOCATION.



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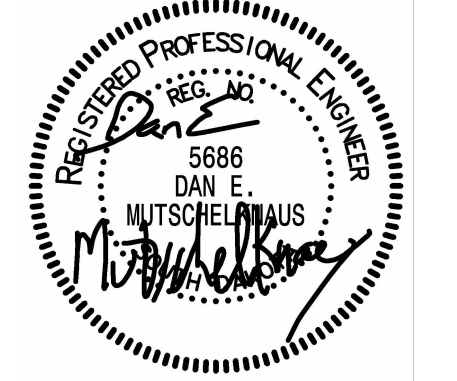
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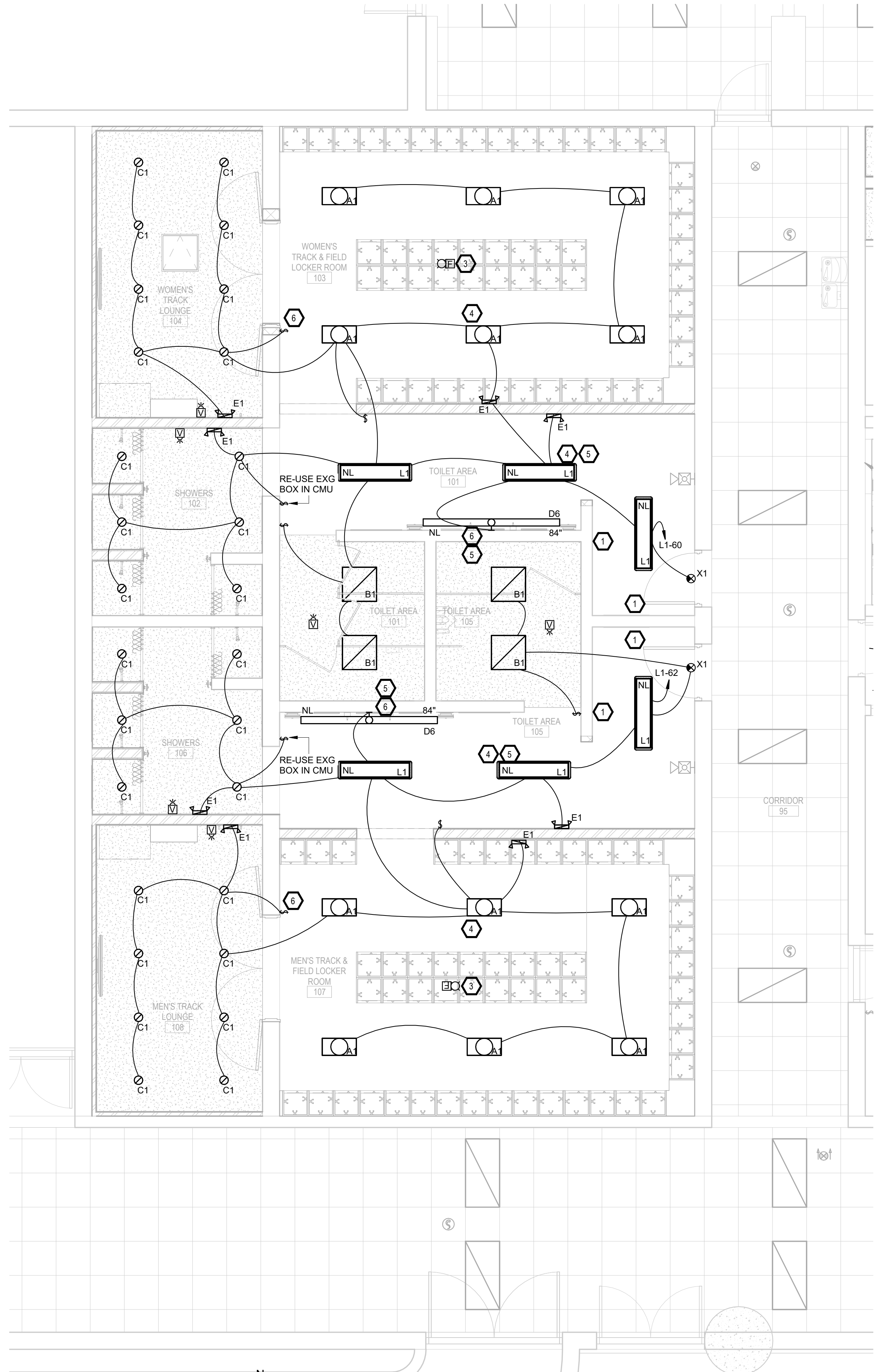
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REV. #	REV. DSC.	REV. DATE

PROJECT:
NSU - BARNETT CENTER -
LOCKER ROOM UPGRADES
OSE # RO124-16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
WRESTLING & BASEBALL -
POWER & DATA PLAN

E301

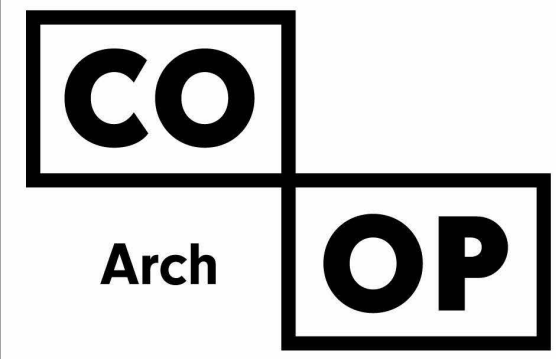
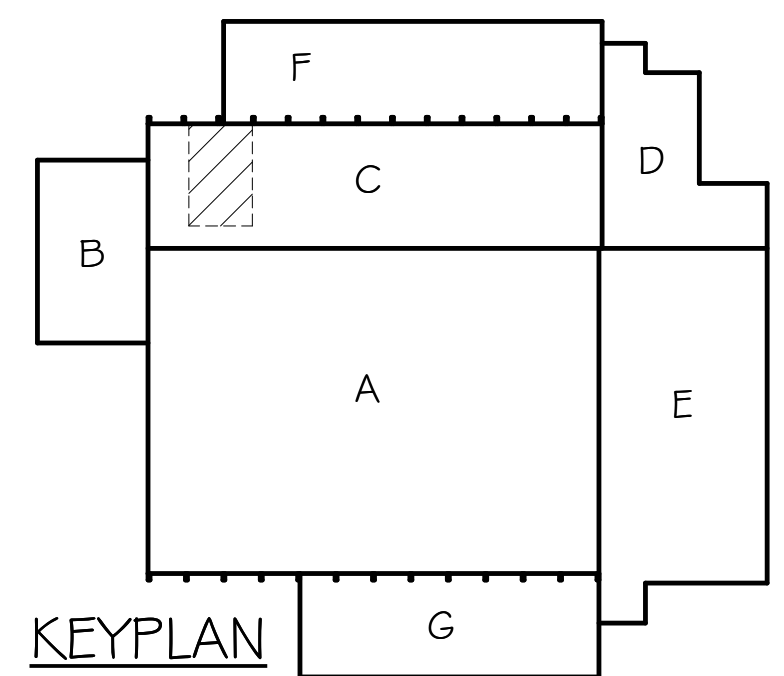
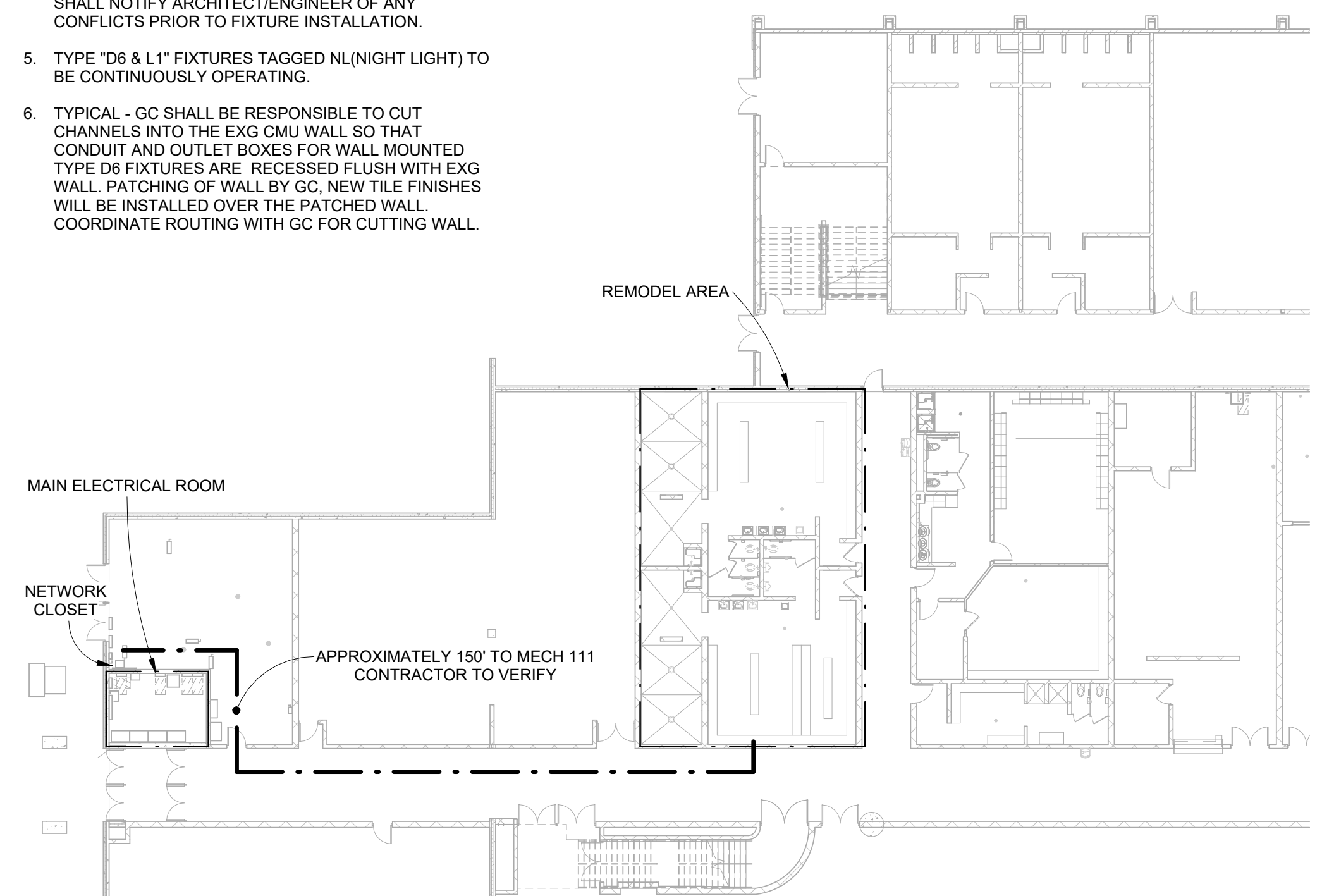


FIRST FLOOR - TRACK & FIELD LIGHTING & SPECIAL SYSTEMS PLAN
1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	CAT. NO.	TYPE	WATTS (W)	LUMENS	COLOR TEMP. (K)	MIN. CRI	REMARKS
A1	CURRENT, LITHONIA, WILLIAMS, METALUX	CURRENT ABV4 0 09 57 M1 QV ST K WHITE	LED	46	9000	5000	70	5000K???, CHAIN HUNG
A2	CURRENT, LITHONIA, WILLIAMS, METALUX	CURRENT ABV4 0 09 57 M1 QV ST K WHITE	LED	61	12000	5000	70	5000K???, CHAIN HUNG
B1	COLUMBIA, LITHONIA, WILLIAMS, METALUX	METALUX 22GTS L3C3	LED	38	3700	5000	80	2X2 DROP IN PANEL W/SELECTABLE LUMENS, W/DRYWALL FRAME KIT DF 22W L
C1	PRESCOLITE, LITHONIA, MARCO, PORTFOLIO	LITHONIA LDN6 AL02 SWW1 L06 AR LSS MVOLT UGZ	LED	9	1000	5000	80	6" CAN W/SELECTABLE LUMENS, W/SELECTABLE COLOR
D6	CURRENT, LITHONIA, WILLIAMS, METALUX	LITECONTROL 67L W D 6 6 DM C1 50K D100 NDM 1C UNV	LED	51	1000	5000	80	LED WALL DIRECT W/VARIABLE INTENSITY TECHNOLOGY
E1	DUAL-LITE, SURE-LITES, MULE LIGHTING, LIGHTALARMS, OR EQUAL	LITHONIA EU2C SD	LED	-	-	-	-	WHITE EMERGENCY LIGHT WITH SELF DIAGNOSTICS
L1	LUMINAIRE LED	VPF12 4FT PRD 3500LM 50K MVOLT OP WHT	LED	36	3500	5000	80	LINEAR FIXTURE W/SWITCHABLE LUMENS & SWITCHABLE TEMP.
S1	WAC	T24 CC1 XX WT, CTR WDMX 3CH, ACUITY EZ SOLO	LED	5	323		90	COLOR CHANGING & CCT ADJUSTABLE LED TAPE LIGHT, EASYL SOLO LCD TOUCHSCREEN
X1	DUAL-LITE, SURE-LITES, MULE LIGHTING, LITHONIA, LIGHTALARMS	MULE SOCR LED U R WW SD	LED	5	-	-		WALL MOUNT EXIT SIGN WITH SELF DIAGNOSTICS

- ELECTRICAL NOTES**
- COORDINATE WITH GC FOR PATCHING OF DEMOED SWITCH.
 - NOT USED
 - INSTALL CEILING MOUNTED SIEMENS HORN/STROBE FIRE ALARM DEVICES. CONTRACTOR TO VERIFY CLEARANCES.
 - EC SHALL HANG TYPE "A1 & L1" LIGHT FIXTURES AT 10 FOOT AFF AT LOCATIONS SHOWN. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS PRIOR TO FIXTURE INSTALLATION.
 - TYPE "D6 & L1" FIXTURES TAGGED NL(NIGHT LIGHT) TO BE CONTINUOUSLY OPERATING.
 - TYPICAL - GC SHALL BE RESPONSIBLE TO CUT CHANNELS INTO THE EXG CMU WALL SO THAT CONDUIT AND OUTLET BOXES FOR WALL MOUNTED TYPE D6 FIXTURES ARE RECESSED FLUSH WITH EXG WALL. PATCHING OF WALL BY GC. NEW TILE FINISHES WILL BE INSTALLED OVER THE PATCHED WALL. COORDINATE ROUTING WITH GC FOR CUTTING WALL.

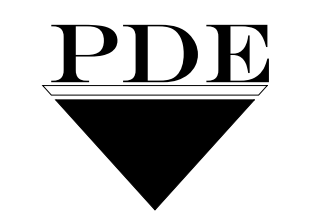


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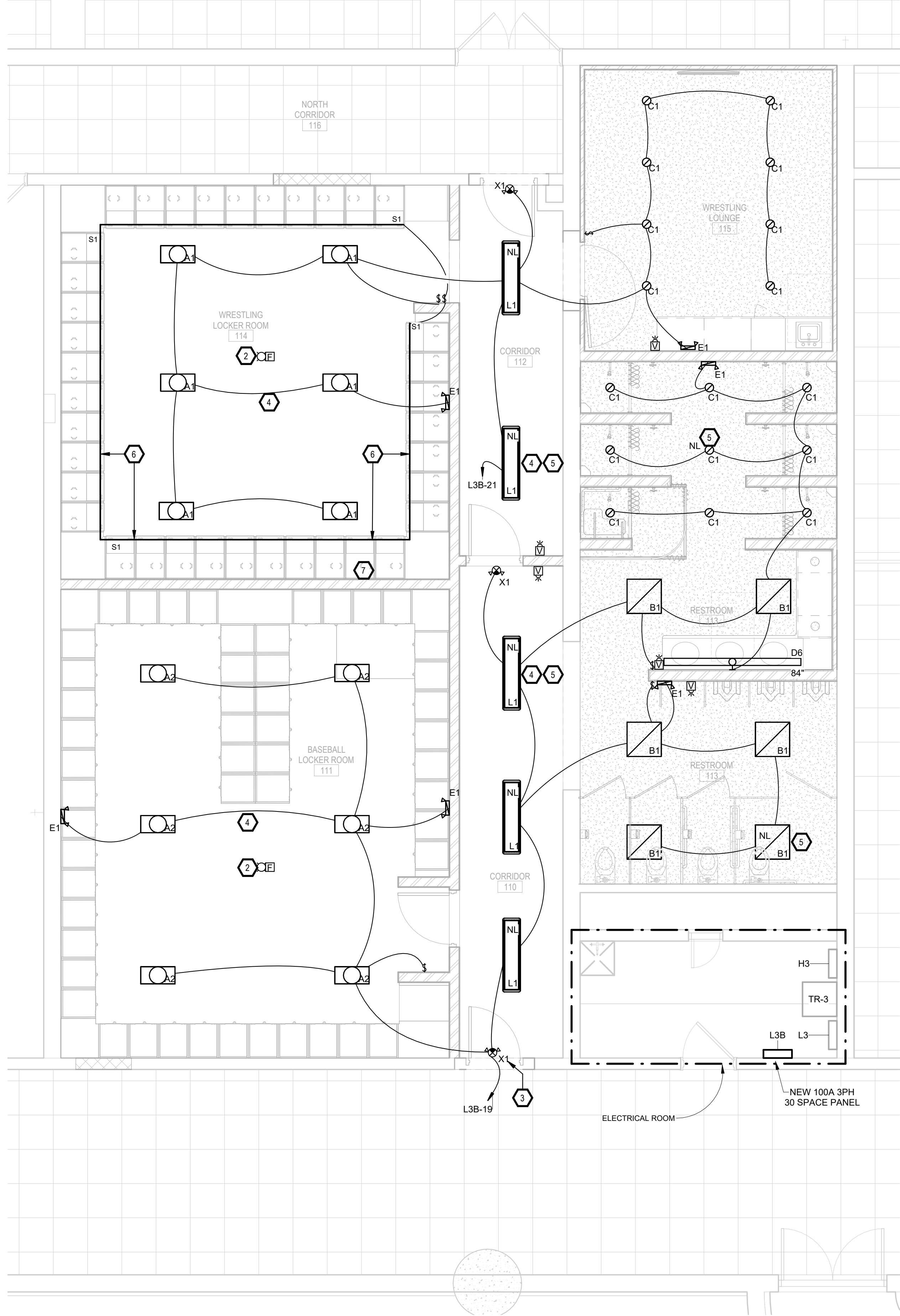
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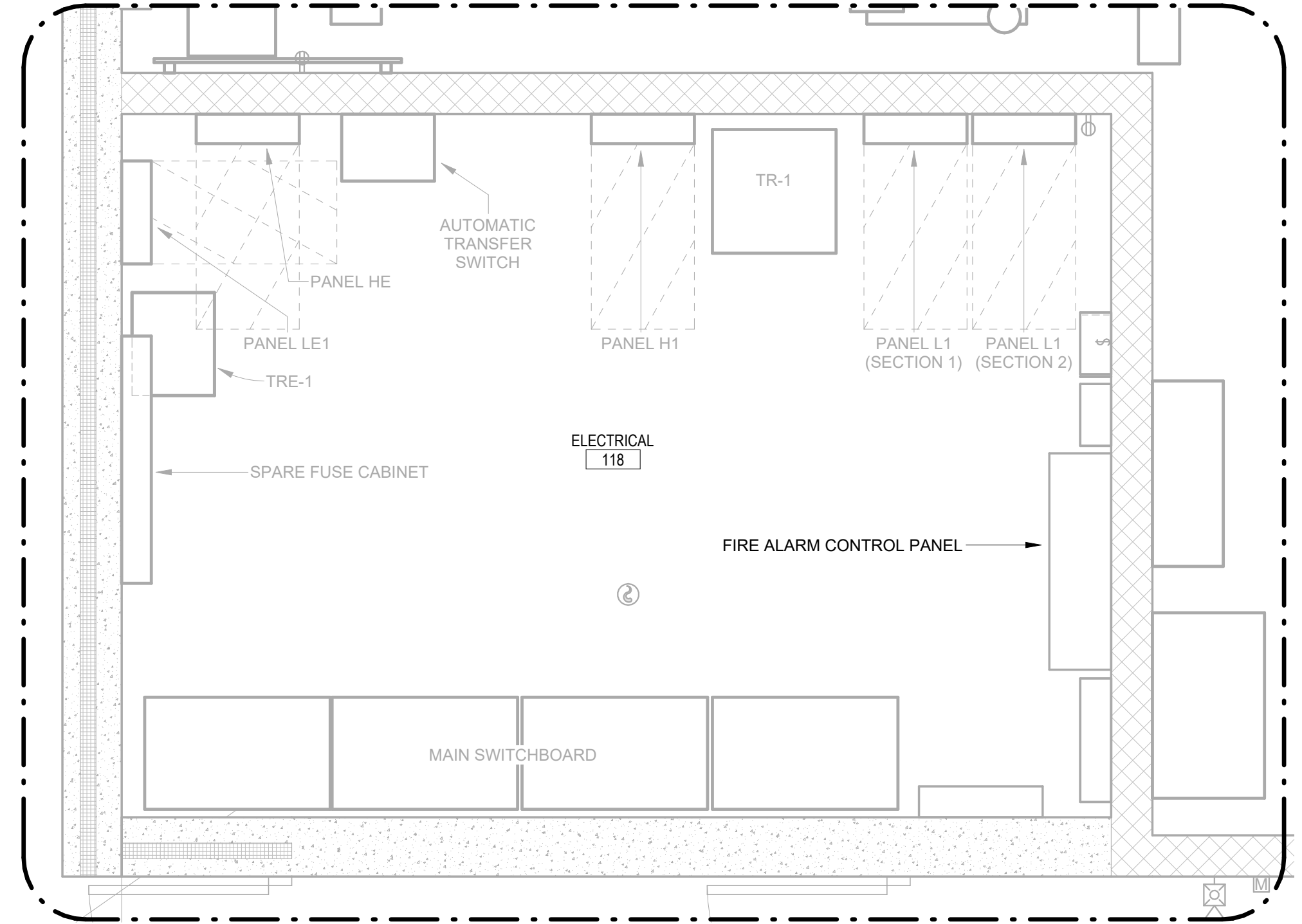
PROJECT:
NSU - BARNETT CENTER -
LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
TRACK & FIELD - LIGHTING &
SPECIAL SYSTEMS PLAN

E400



FIRST FLOOR - BASEBALL & WRESTLING LIGHTING & SPECIAL SYSTEMS PLAN
 1/4" = 1'-0"

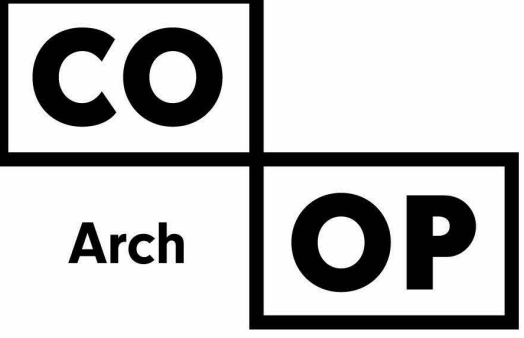
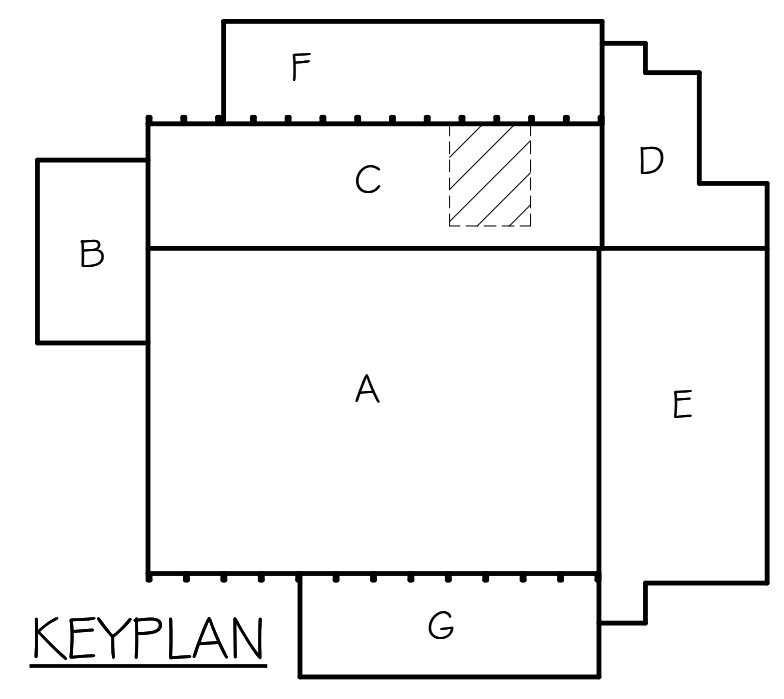


ENLARGED ELECTRICAL ROOM 118
 1/2" = 1'-0"

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	CAT. NO.	TYPE	WATTS (W)	LUMENS	COLOR TEMP. (K)	MIN. CRI	REMARKS
A1	CURRENT, LITHONIA, WILLIAMS, METALUX	CURRENT ABV4 0 09 57 M1 QV ST K WHITE	LED	46	9000	5000	70	5000K???, CHAIN HUNG
A2	CURRENT, LITHONIA, WILLIAMS, METALUX	CURRENT ABV4 0 09 57 M1 QV ST K WHITE	LED	61	12000	5000	70	5000K???, CHAIN HUNG
B1	COLUMBIA, LITHONIA, WILLIAMS, METALUX	METALUX 22GTS L3C3	LED	38	3700	5000	80	2X2 DROP IN PANEL W/SELECTABLE LUMENS, W/DRYWALL FRAME KIT DF 22W L
C1	PRESCOLITE, LITHONIA, MARCO, PORTFOLIO	LITHONIA LDN6 AL02 SWW1 L06 AR LSS MVOLT UGZ	LED	9	1000	5000	80	6" CAN W/SELECTABLE LUMENS, W/SELECTABLE COLOR
D6	CURRENT, LITHONIA, WILLIAMS, METALUX	LITECONTROL 67L W D 6 6 DM C1 50K D100 NDM 1C UNV	LED	51	1000	5000	80	LED WALL DIRECT W/VARIABLE INTENSITY TECHNOLOGY
E1	DUAL-LITE, SURE-LITES, MULE LIGHTING, LIGHTALARMS, OR EQUAL	LITHONIA EU2C SD	LED	-	-	-	-	WHITE EMERGENCY LIGHT WITH SELF DIAGNOSTICS
L1	LUMINAIRE LED	VPF12 4FT PRD 3500LM 50K MVOLT OP WHT	LED	36	3500	5000	80	LINEAR FIXTURE W/SWITCHABLE LUMENS & SWITCHABLE TEMP.
S1	WAC	T24 CC1 XX WT, CTR WDMX 3CH, ACUITY EZ SOLO	LED	5	323	-	90	COLOR CHANGING & CCT ADJUSTABLE LED TAPE LIGHT, EASLY SOLO LCD TOUCHSCREEN
X1	DUAL-LITE, SURE-LITES, MULE LIGHTING, LITHONIA, LIGHTALARMS	MULE SQCR LED U R WW SD	LED	5	-	-	-	WALL MOUNT EXIT SIGN WITH SELF DIAGNOSTICS

- ELECTRICAL NOTES**
- NOT USED
 - INSTALL CEILING MOUNTED SIEMENS HORN/STROBE FIRE ALARM DEVICES. CONTRACTOR TO VERIFY CLEARANCES.
 - NEW EXIT SIGN PROVIDE SURFACE MOUNTED RACEWAY.
 - EC SHALL HANG TYPE "A1 & L1" LIGHT FIXTURES AT 10 FOOT AFF AT LOCATIONS SHOWN. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS PRIOR TO FIXTURE INSTALLATION.
 - TYPE "B1, C1 & L1" FIXTURES TAGGED NL(NIGHT LIGHT) TO BE CONTINUOUSLY OPERATING.
 - COLOR OF CHANNEL SHALL BE SELECTED BY ARCHITECT. SUPPLIER SHALL PROVIDE POWER SUPPLIES AND NECESSARY FITTINGS FOR A COMPLETE AND FUNCTIONING SYSTEM. SEE ARCHITECTURAL DETAIL 7 ON SHEET A-605 FOR COORDINATION.
 - PROVIDE AND INSTALL POWER SUPPLY FOR RECESSED TOE KICK LIGHTING "S1". INSTALL JUNCTION BOX FLUSH WITHIN WALL CONCEALING POWER SUPPLY.



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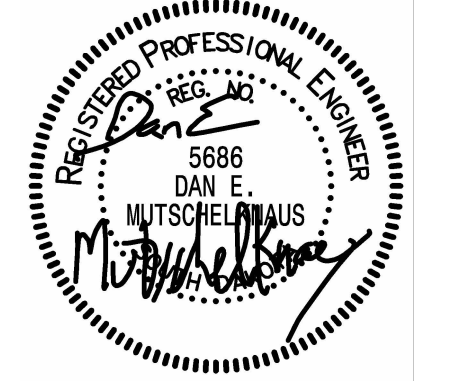
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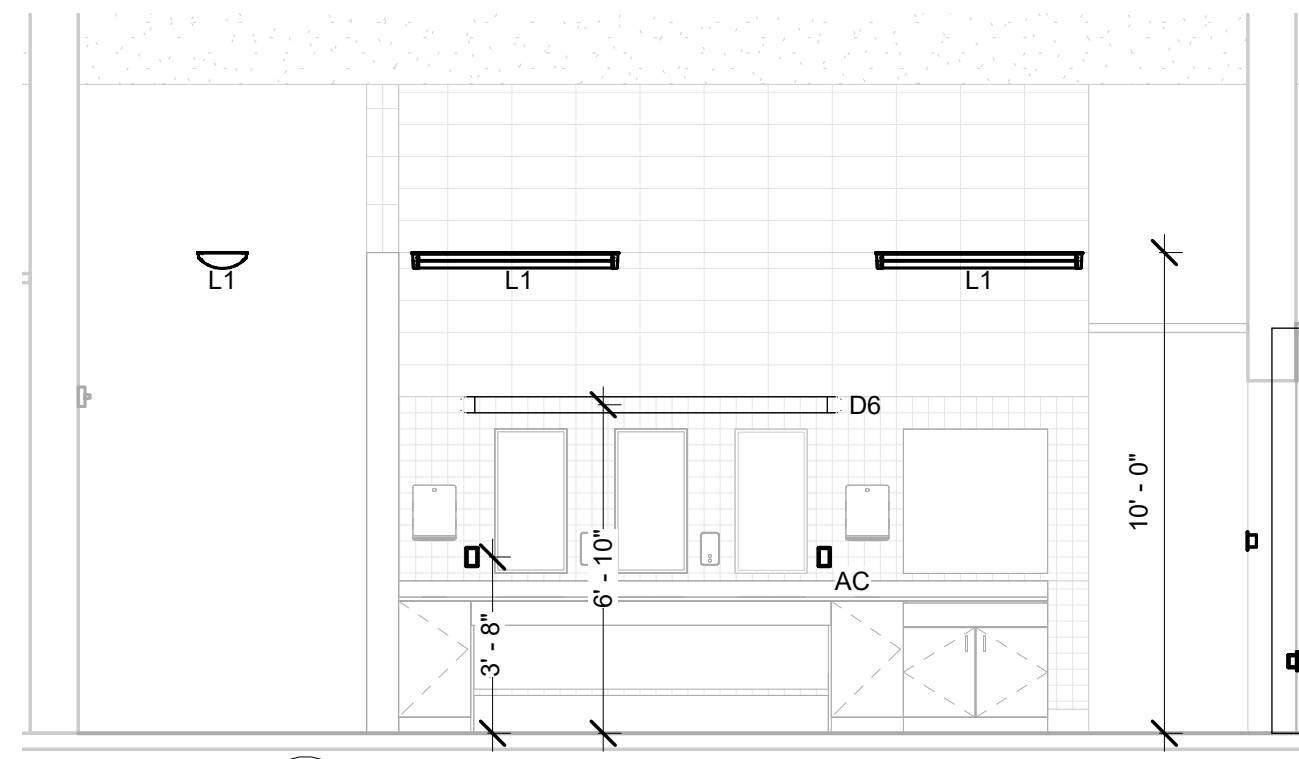
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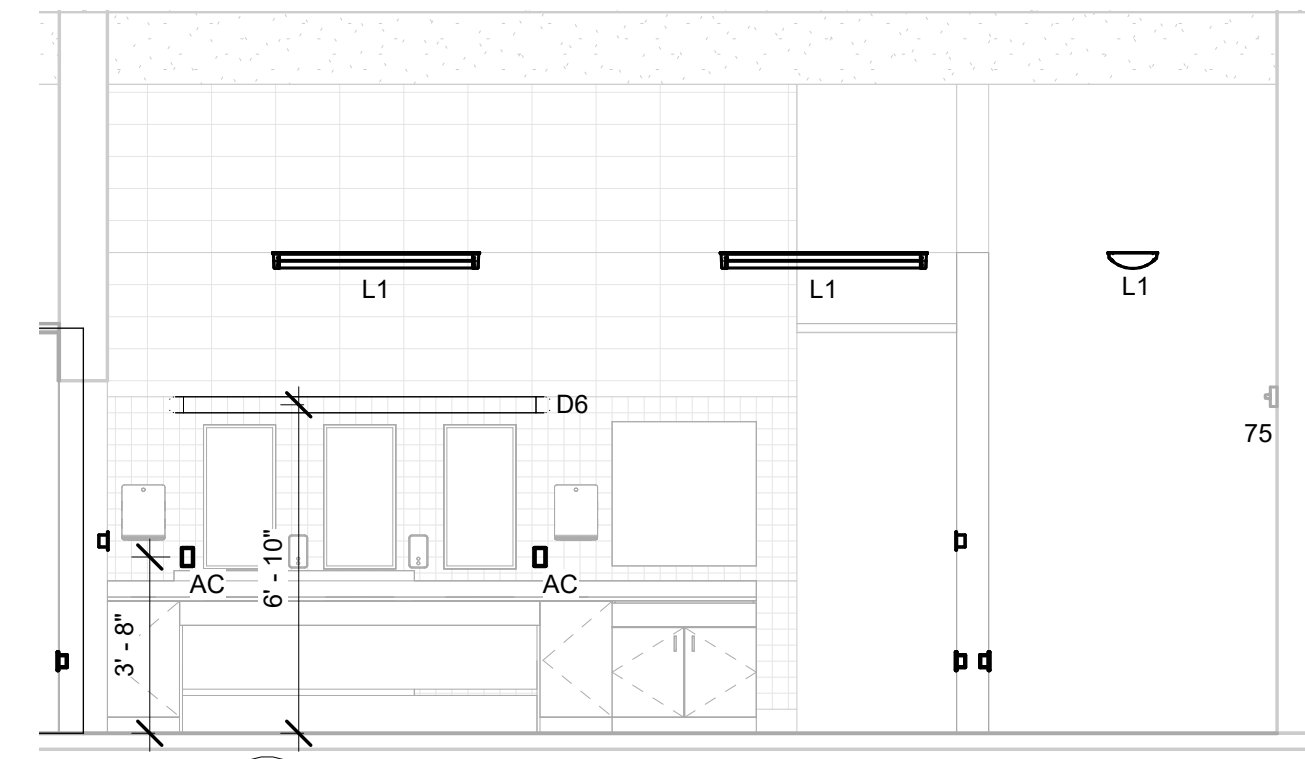
PROJECT:
 NSU - BARNETT CENTER -
 LOCKER ROOM UPGRADES
 OSE # RO124--16X
 NORTHERN STATE UNIVERSITY
 ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
 WRESTLING & BASEBALL -
 LIGHTING & SPECIAL SYSTEMS
 PLAN

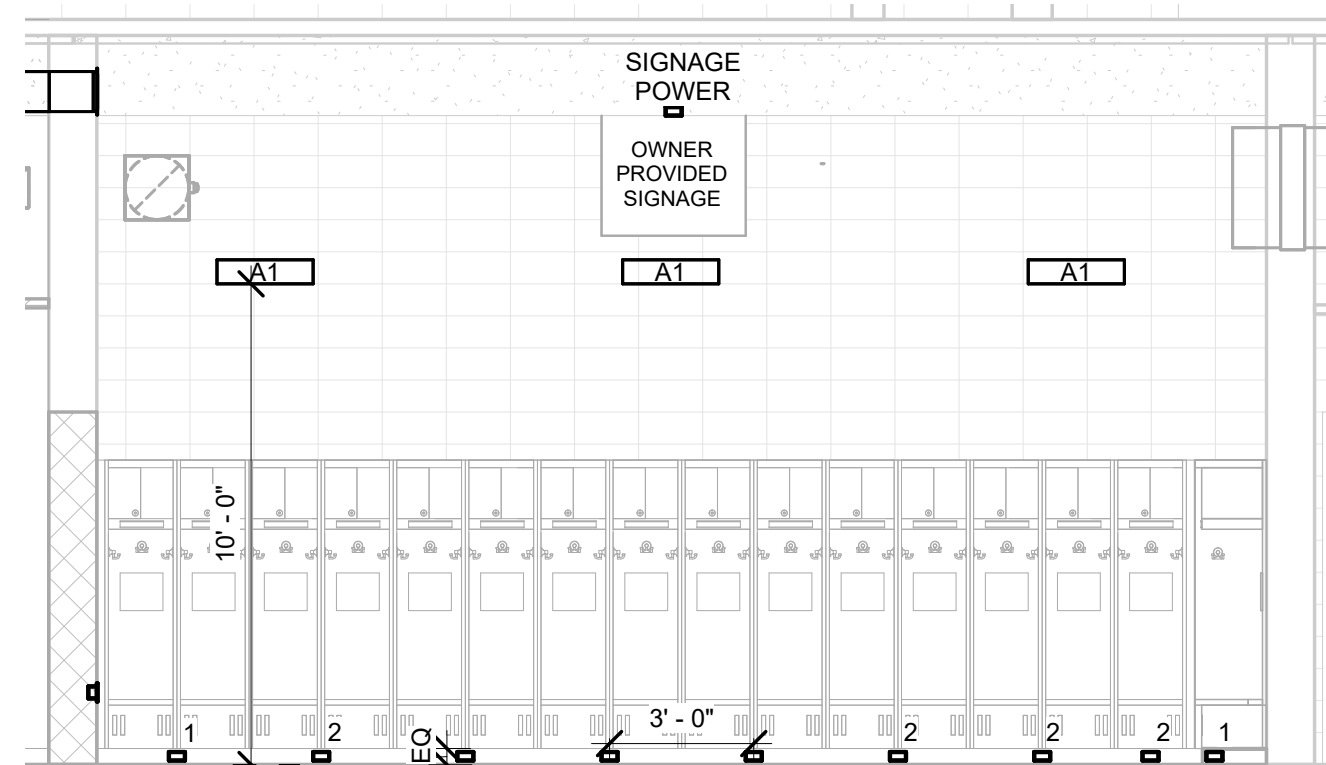
E401



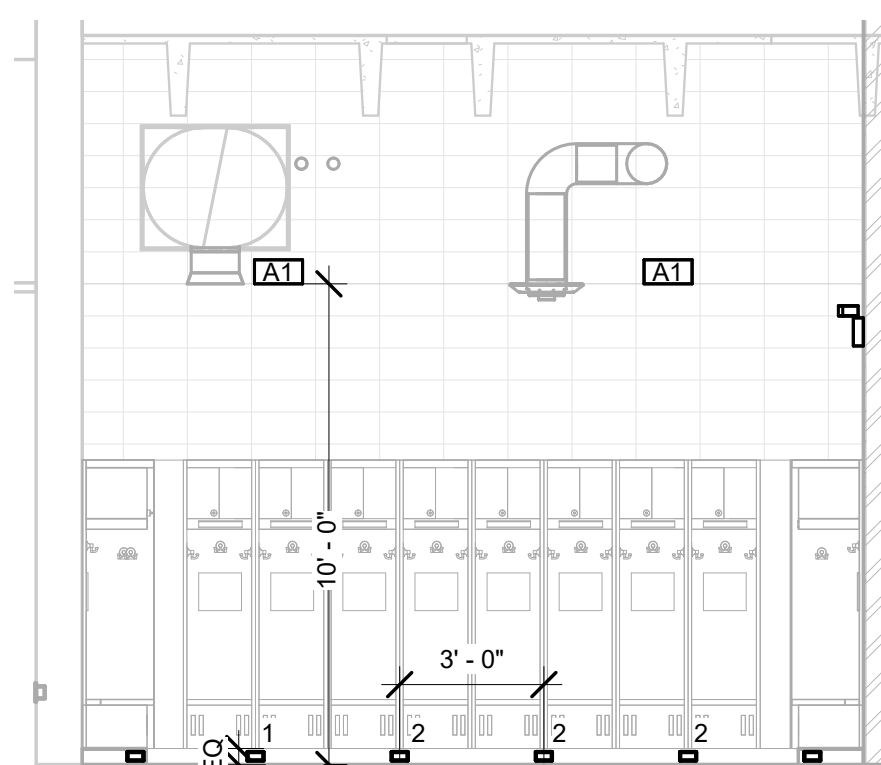
9 WOMEN'S T&F TOILET AREA 101 - S. ELEVATION
E500 SCALE: 1/4" = 1'-0"



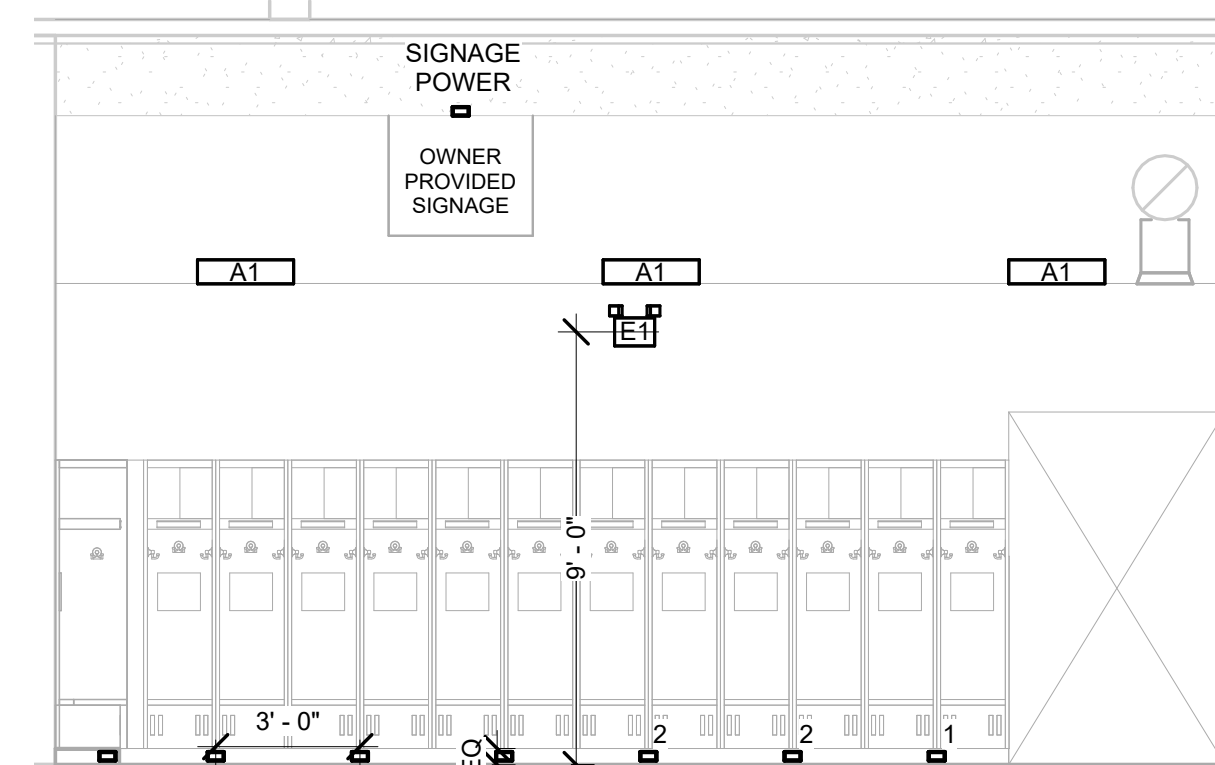
10 MEN'S T&F TOILET AREA 105 - N. ELEVATION
E500 SCALE: 1/4" = 1'-0"



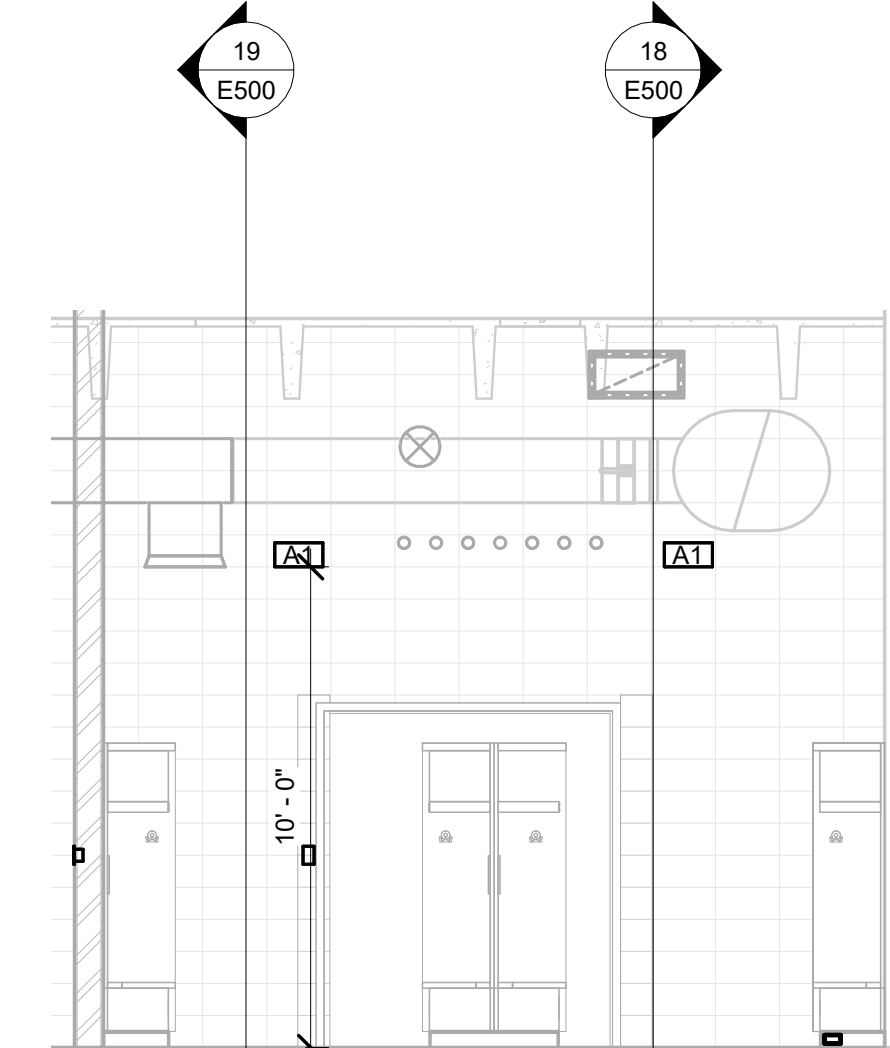
14 WOMEN'S T&F LR 103 - NORTH ELEVATION
E500 SCALE: 1/4" = 1'-0"



13 WOMEN'S T&F LR 103 - EAST ELEVATION
E500 SCALE: 1/4" = 1'-0"



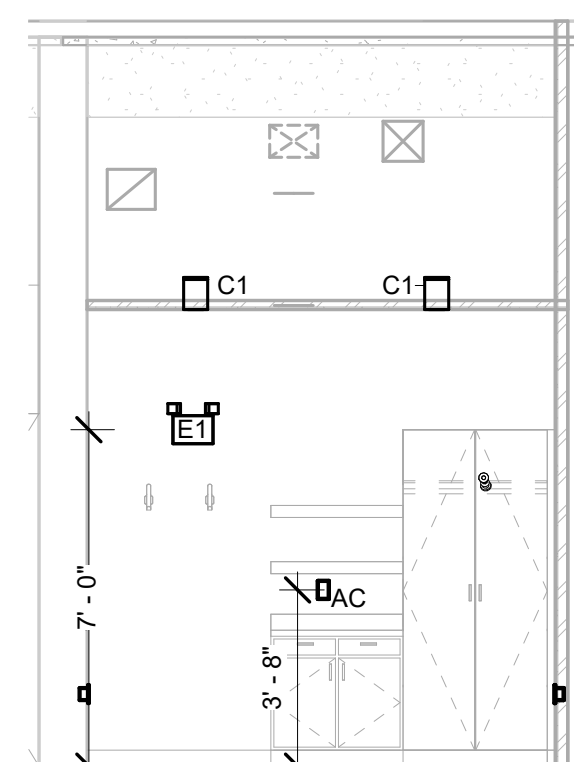
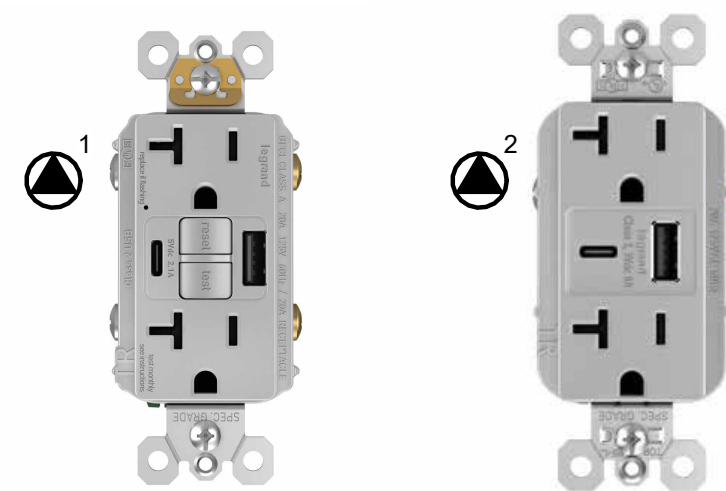
15 WOMEN'S T&F LR 103 - SOUTH ELEVATION
E500 SCALE: 1/4" = 1'-0"



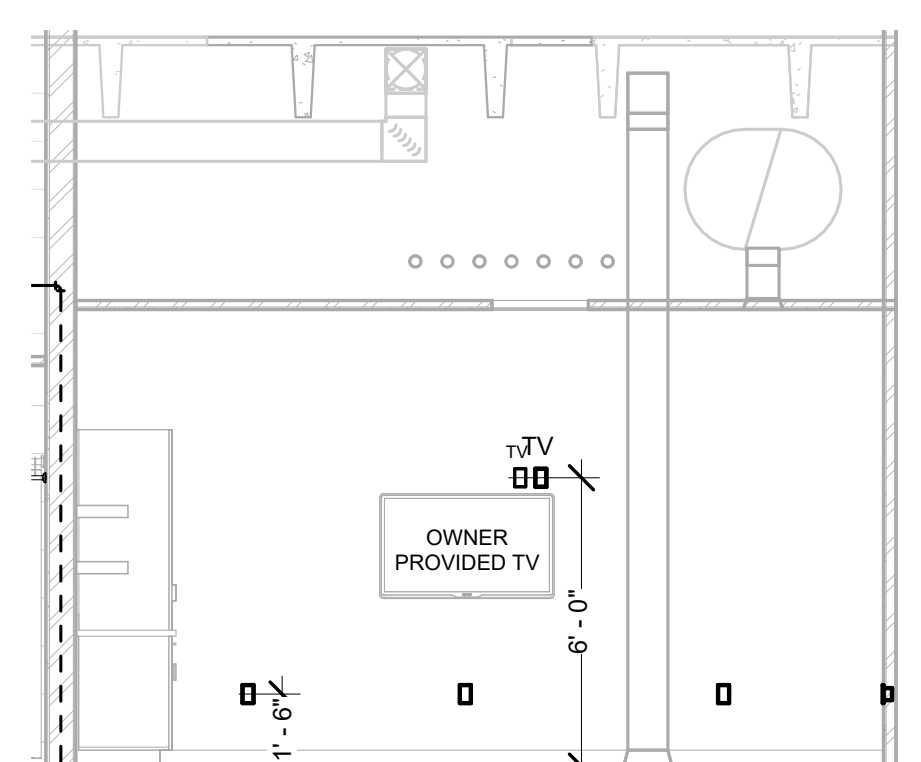
16 WOMEN'S T&F LR 103 - WEST ELEVATION
E500 SCALE: 1/4" = 1'-0"

▲ POWER & DATA SPECIAL OUTLETS:

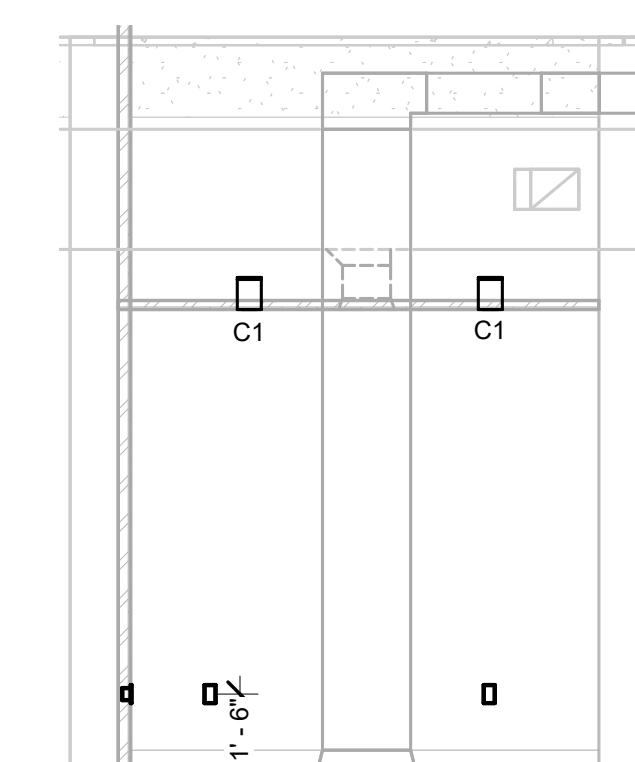
- 2x4 BELL BOX FOR LOCKER POWER - TO COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE. INSTALL LEGRAND - 2097TRUSBACGRY GFCI OR EQUAL IN TOE KICK. INSTALL AT LINE OF SUPPLY AND LOAD FEED DOWN STREAM DEVICES.
- 2x4 BELL BOX FOR LOCKER POWER - COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE LOAD FED TR20USBAC6GRY OR EQUAL.



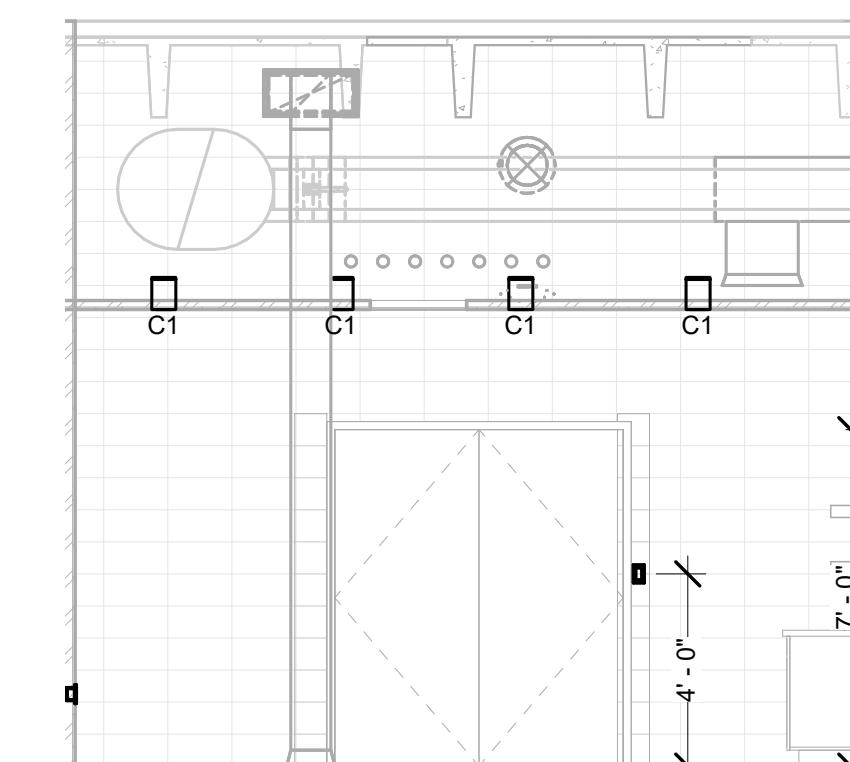
19 WOMEN'S T&F LOUNGE 104 - SOUTH ELEVATION
E500 SCALE: 1/4" = 1'-0"



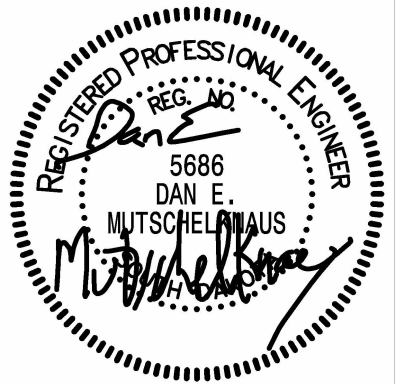
20 WOMEN'S T&F LOUNGE 104 - WEST ELEVATION
E500 SCALE: 1/4" = 1'-0"



18 WOMEN'S T&F LOUNGE 104 - NORTH ELEVATION
E500 SCALE: 1/4" = 1'-0"



17 WOMEN'S T&F LOUNGE 104 - EAST ELEVATION
E500 SCALE: 1/4" = 1'-0"



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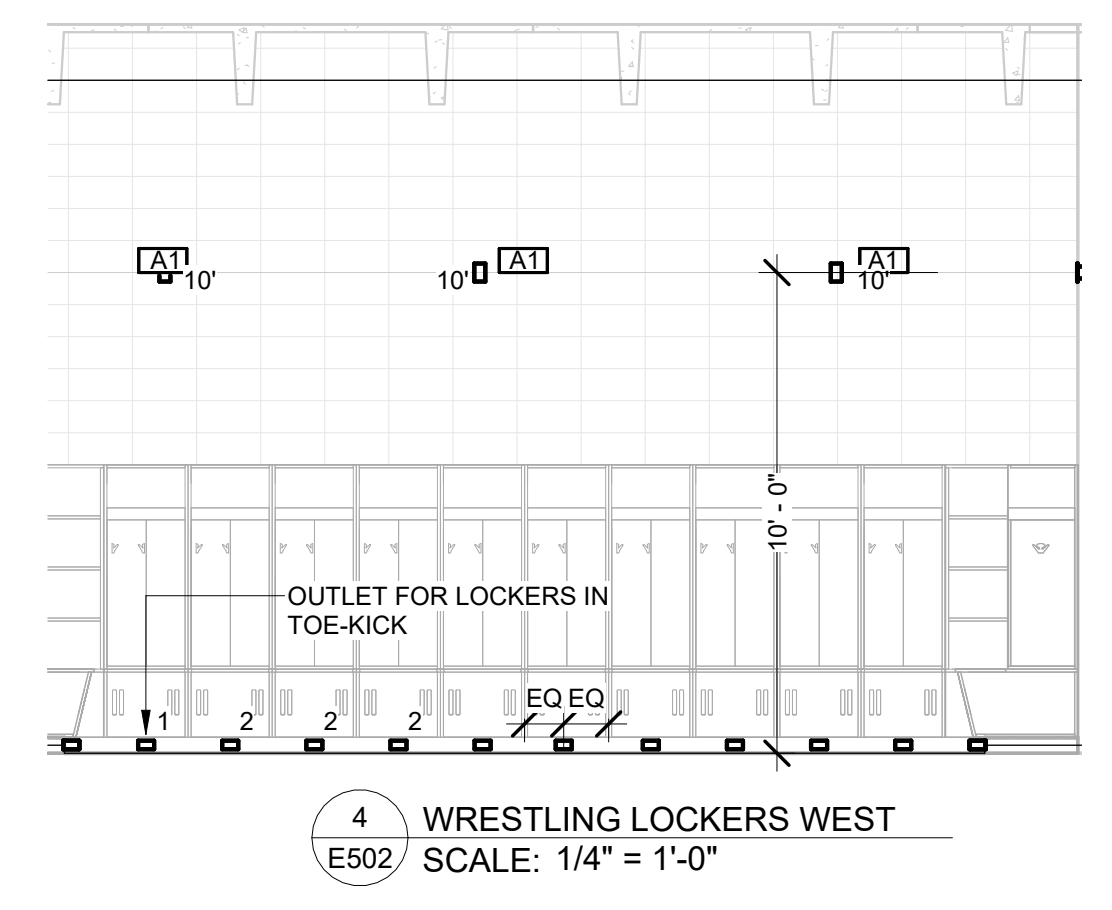
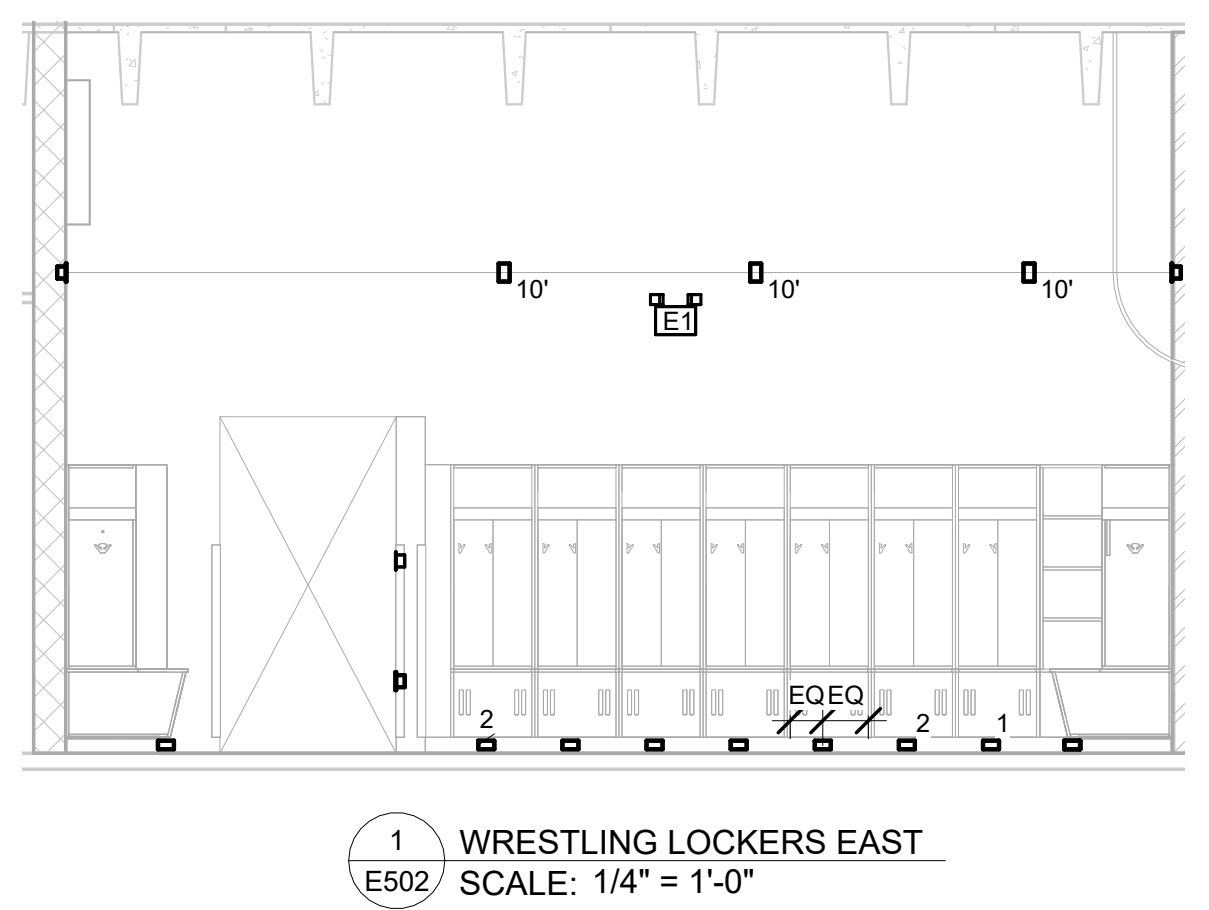
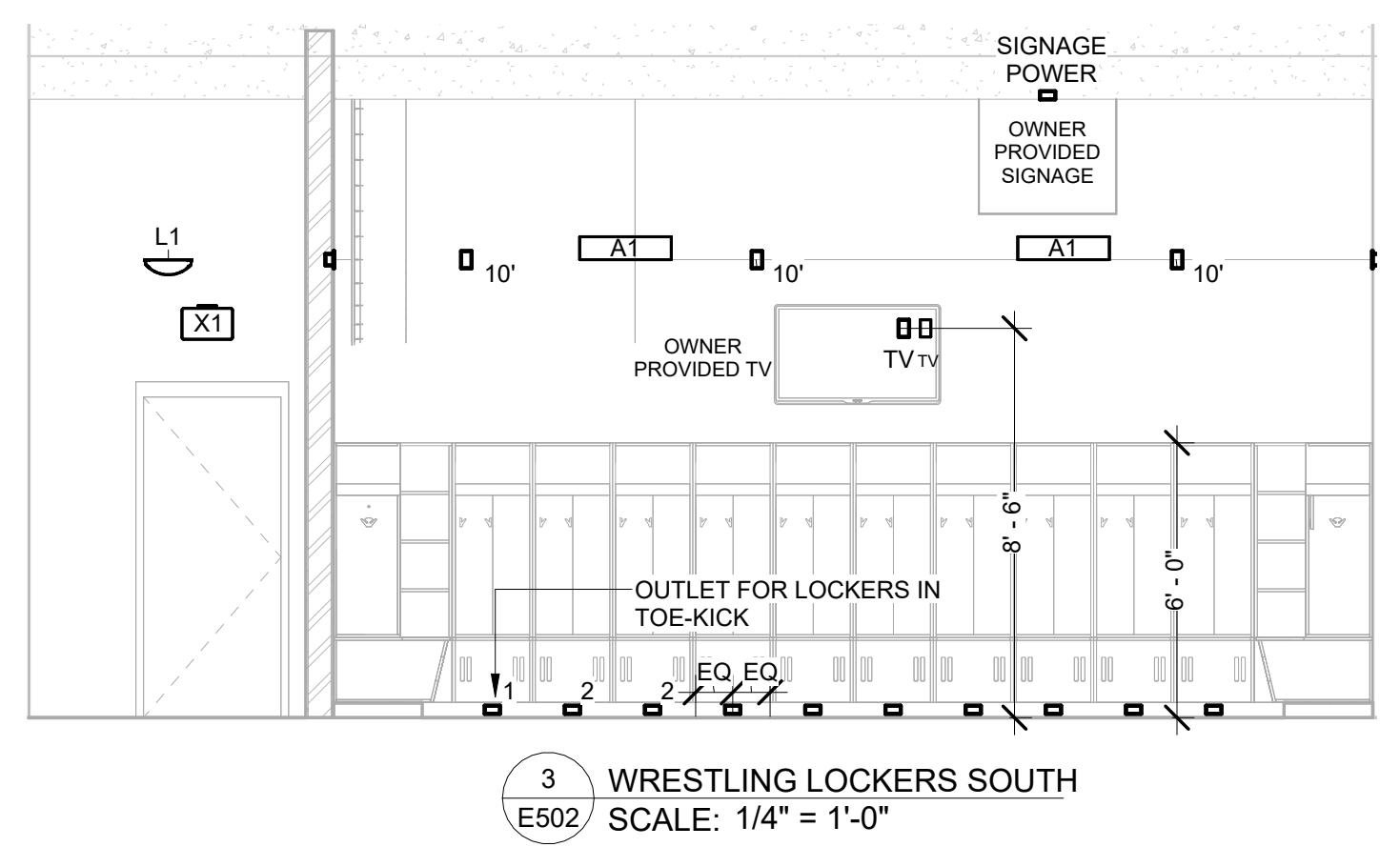
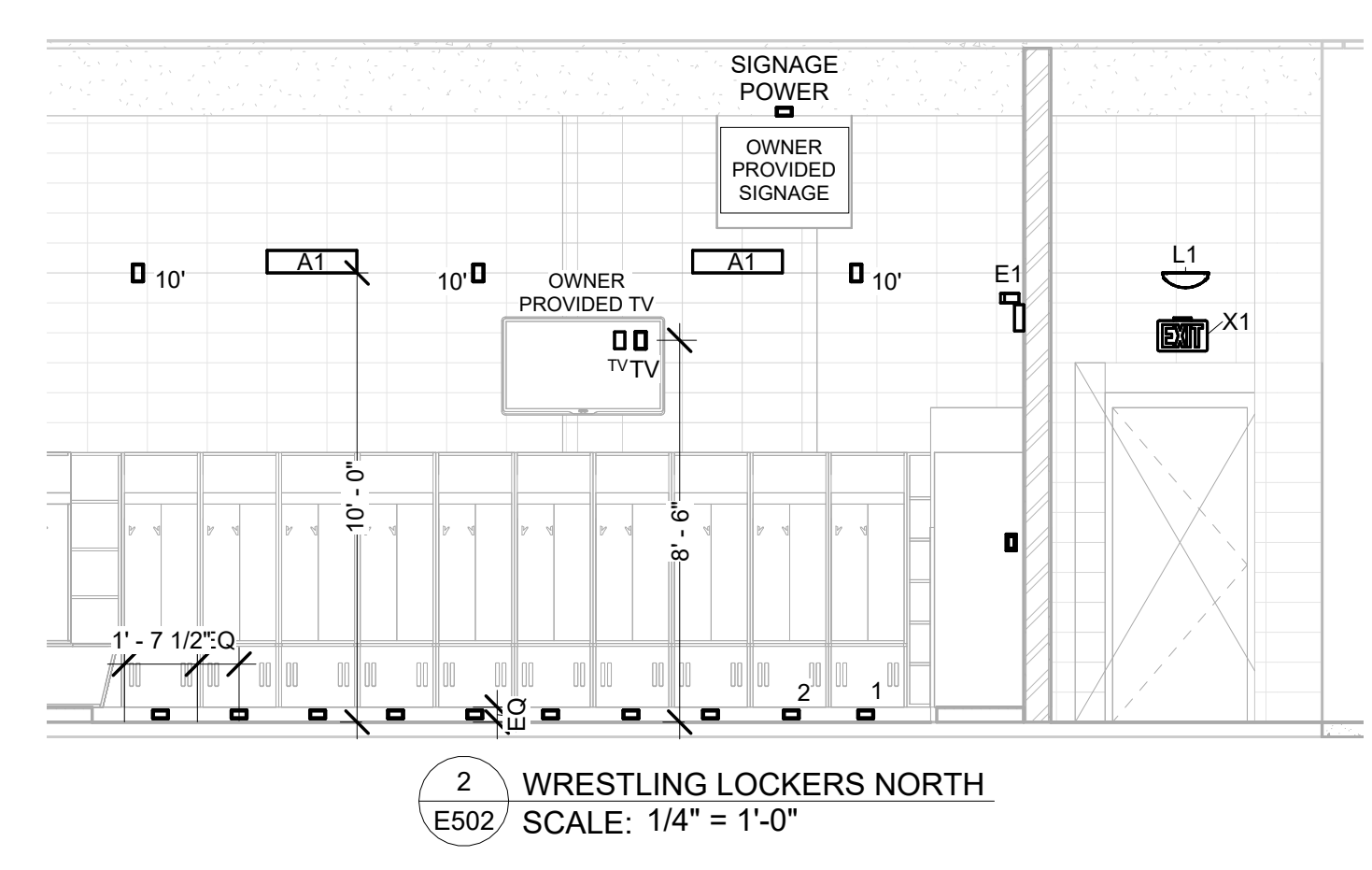
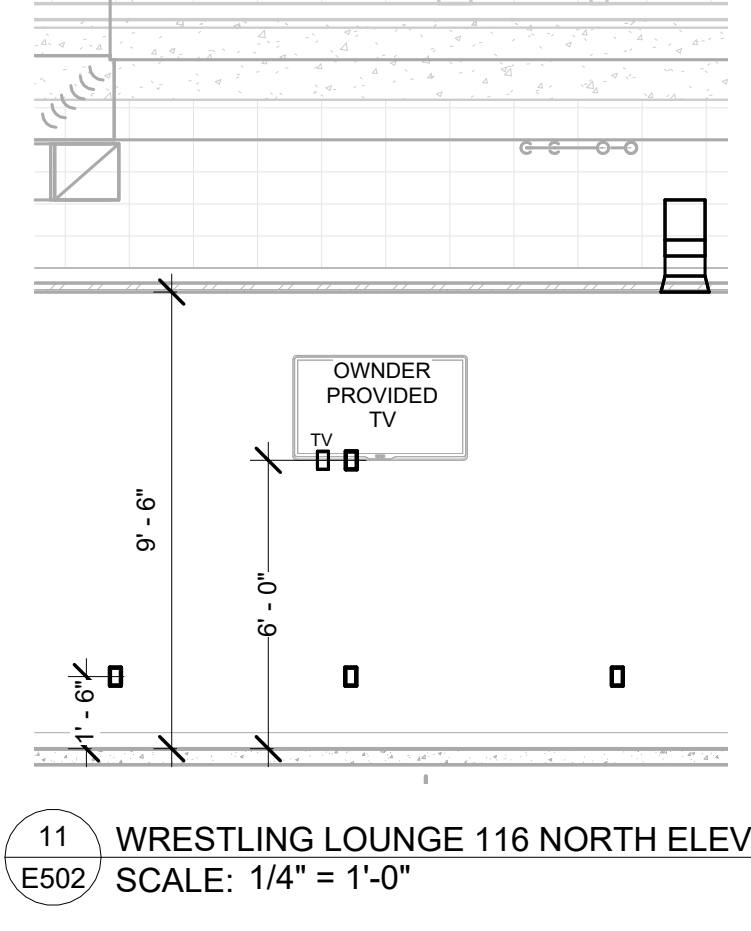
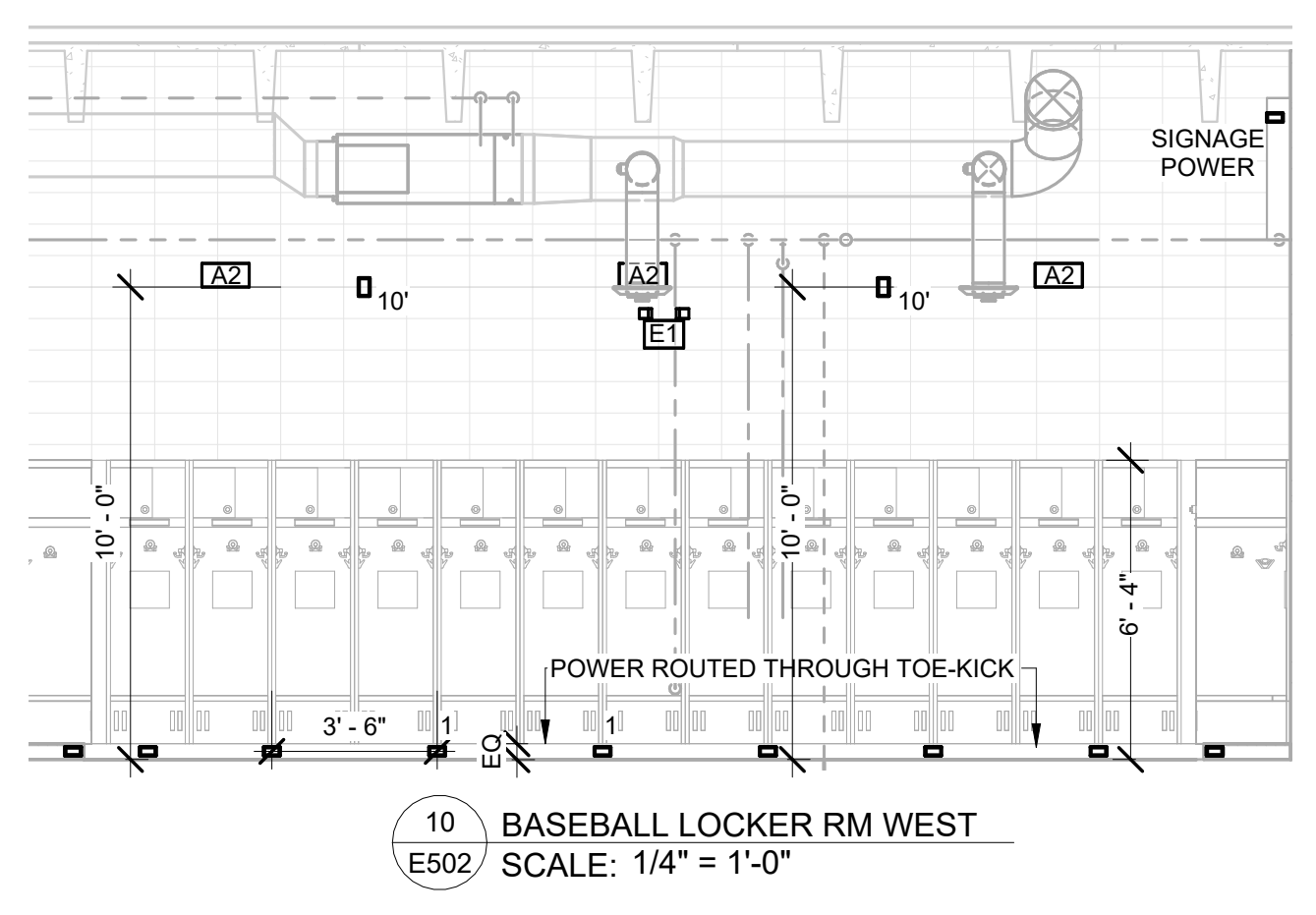
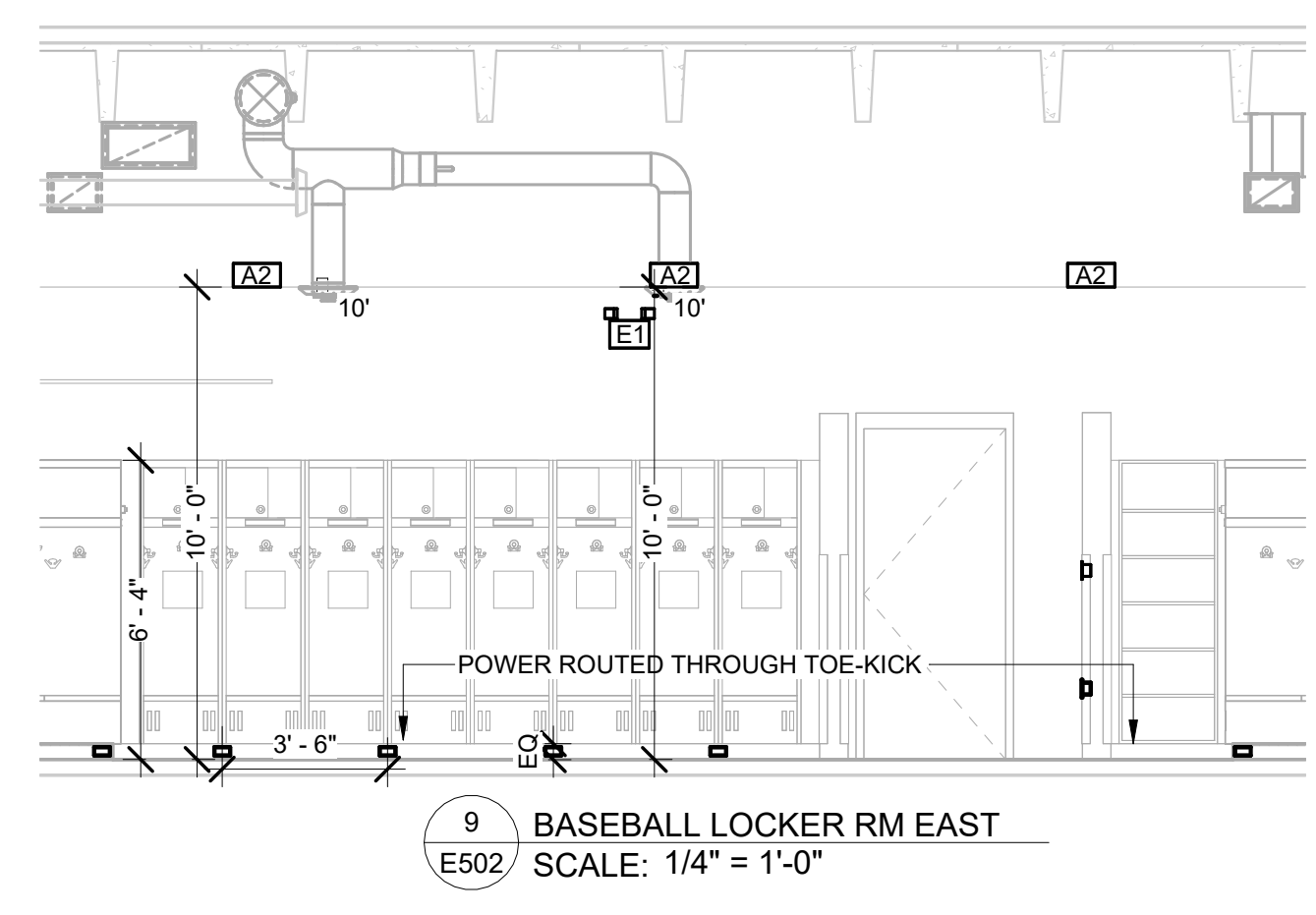
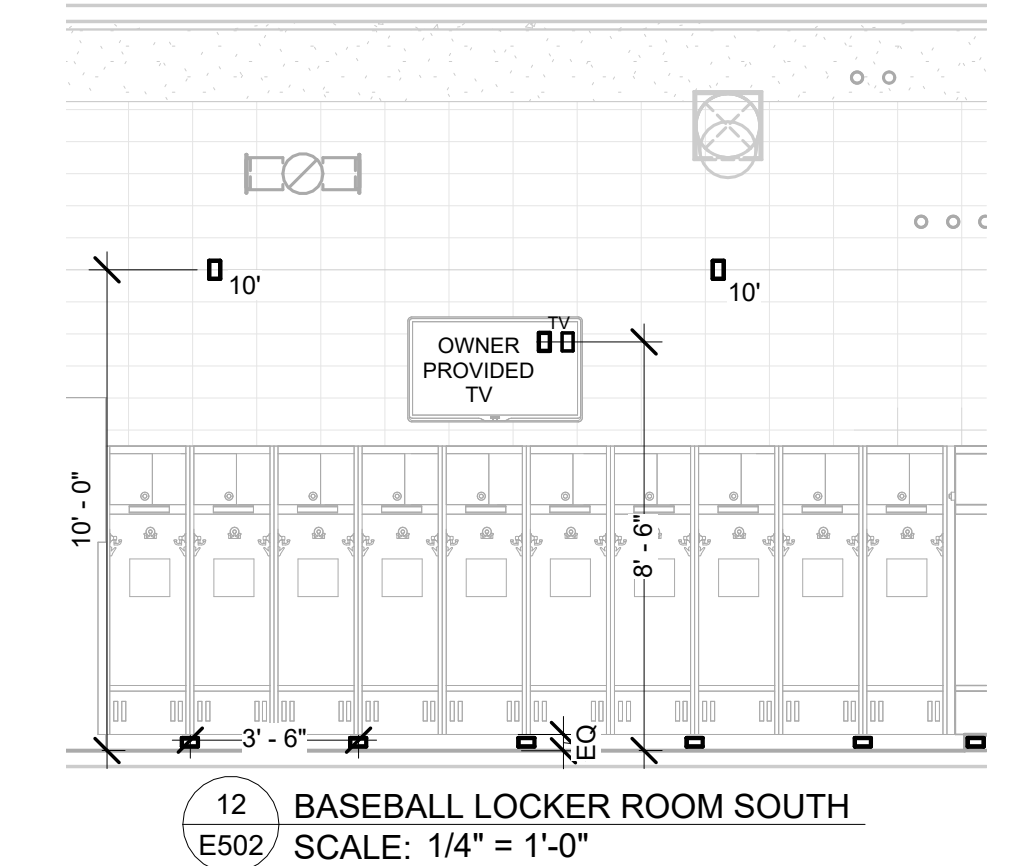
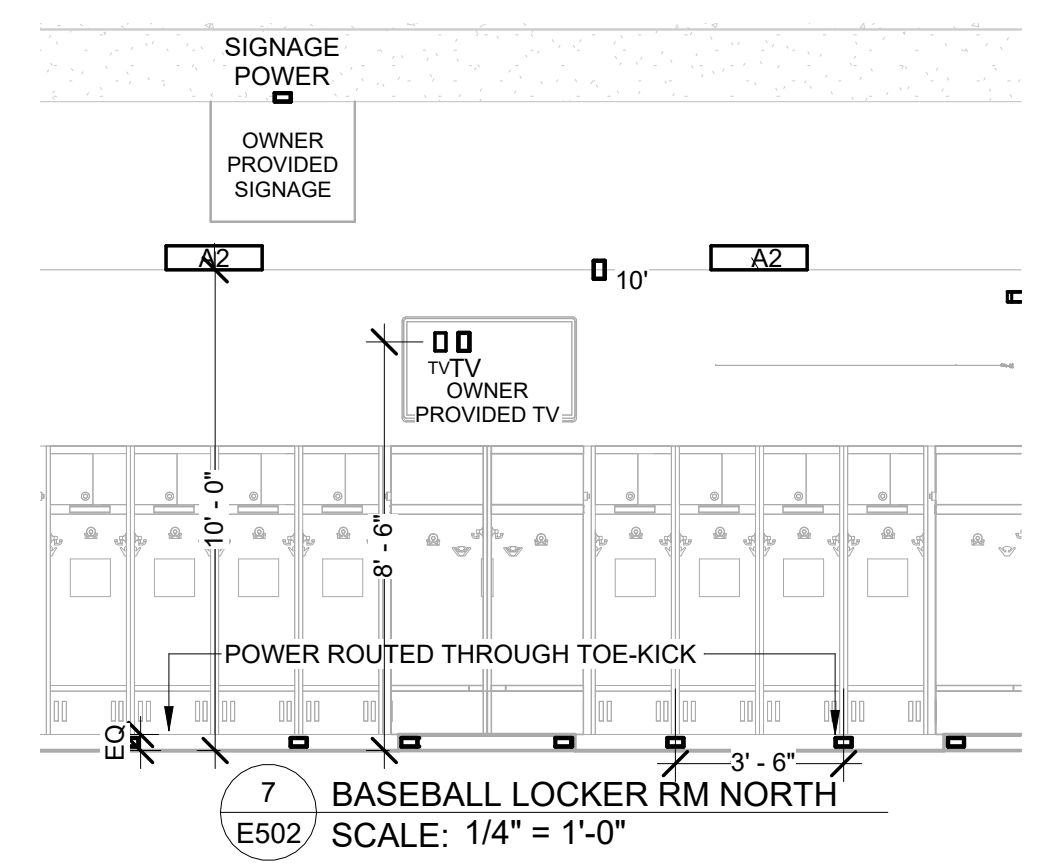
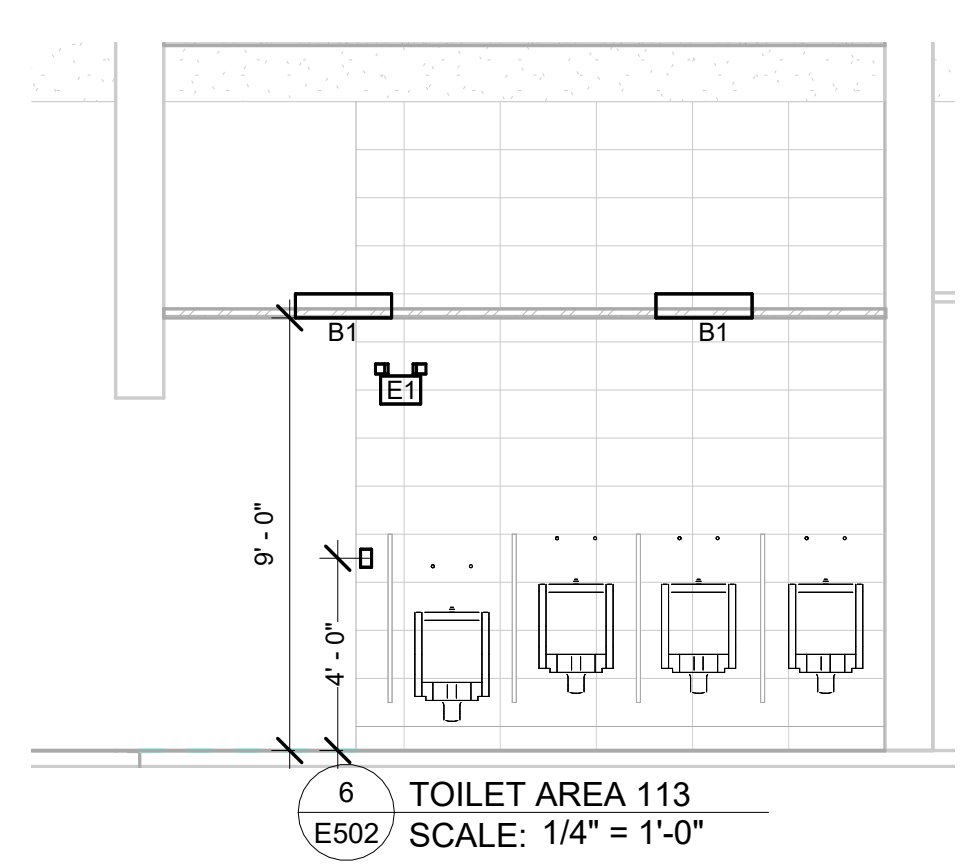
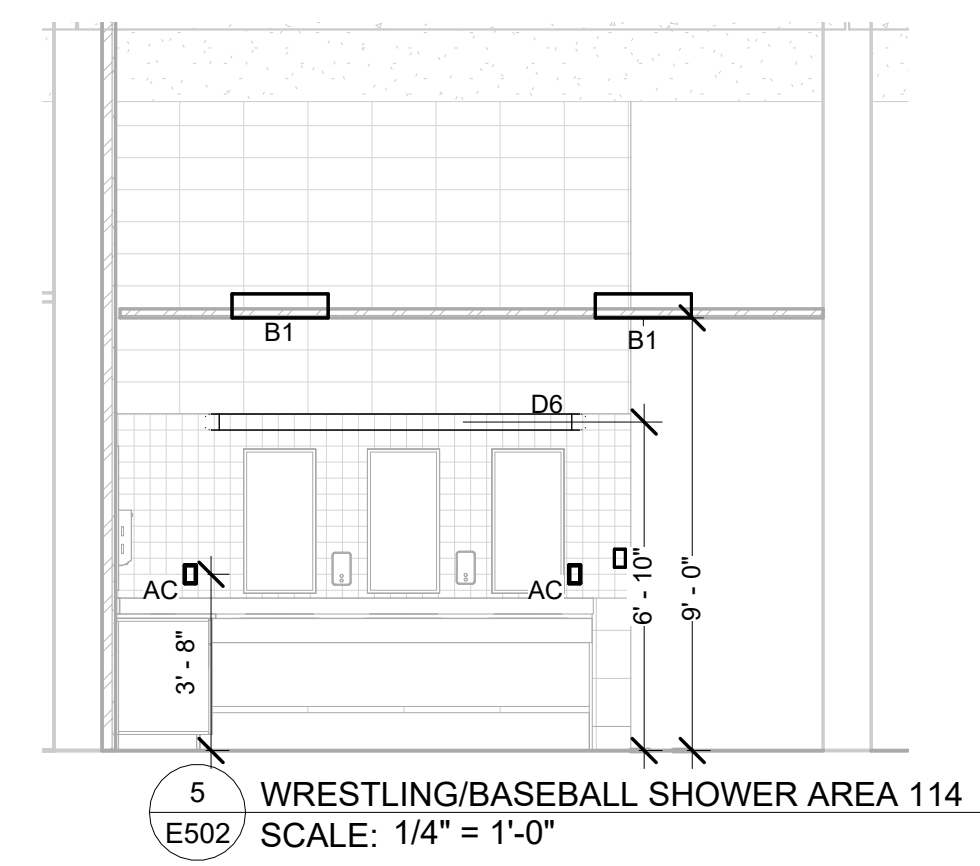
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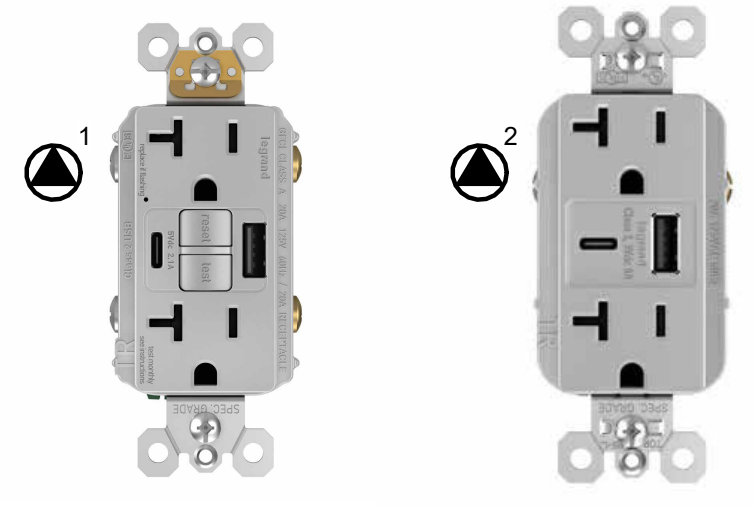
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OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:

ELECTRICAL SECTIONS -
TRACK & FIELD

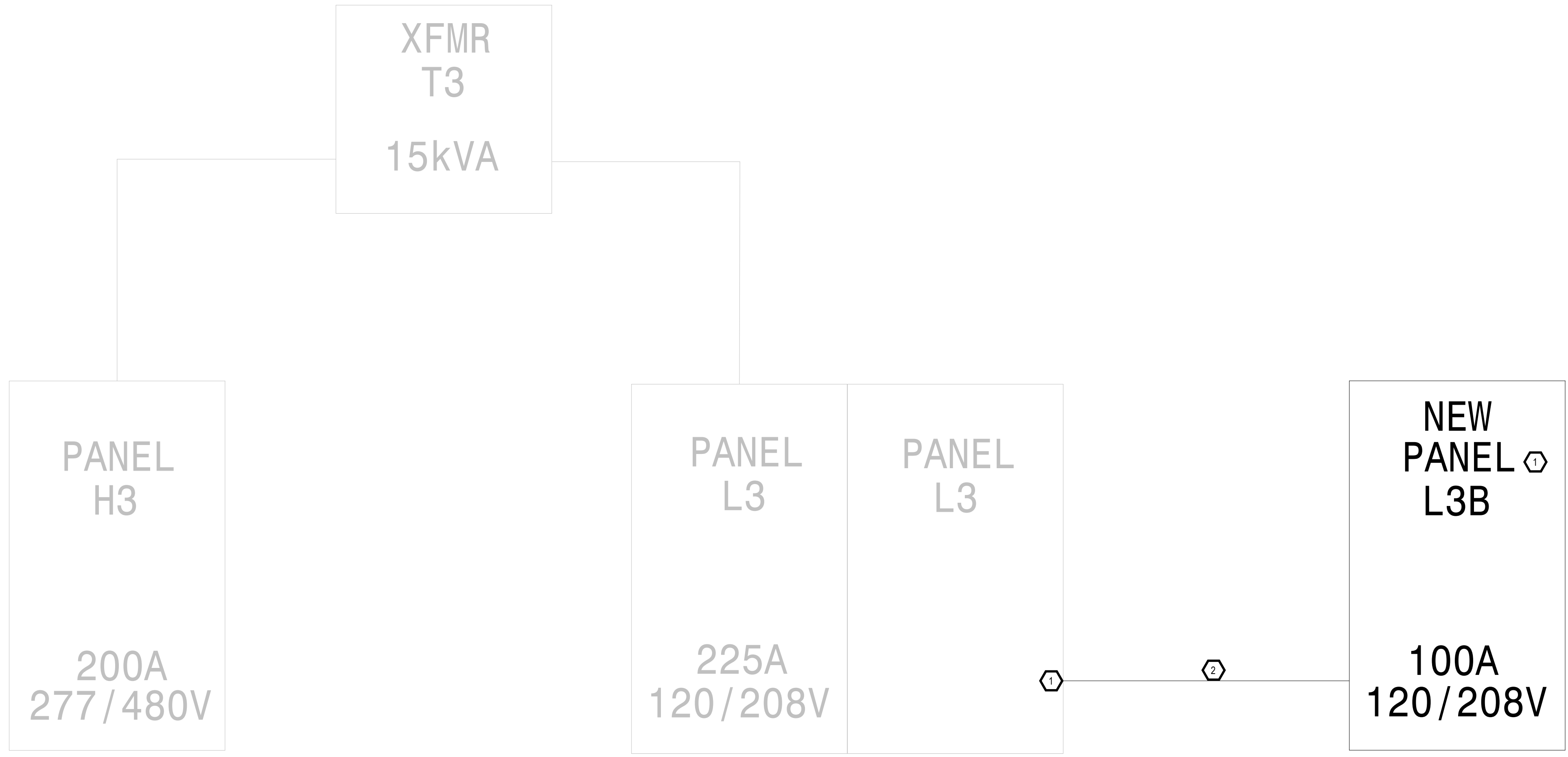


- POWER & DATA SPECIAL OUTLETS:**
- 2x4 BELL BOX FOR LOCKER POWER - TO COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE. INSTALL LEGRAND - 2097TRUSBACGRY GFCI OR EQUAL IN TOE KICK. INSTALL AT LINE OF SUPPLY AND LOAD FEED DOWN STREAM DEVICES.
 - 2x4 BELL BOX FOR LOCKER POWER - COORDINATE LOCATION OF JUNCTION BOX WITH LOCKERS. EC TO PROVIDE JUNCTION BOX AND RECEPTACLE LOAD FED TR20USBAC6GRY OR EQUAL.

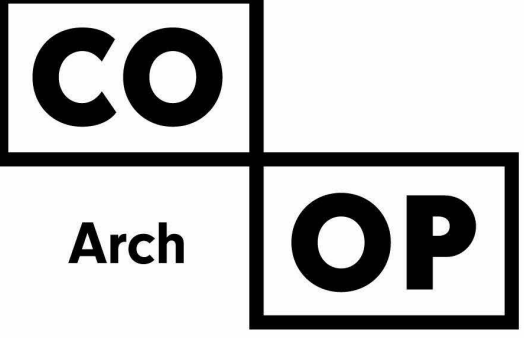


Panel: L3B											
Location: Mounting: Surface			Volts: 120/208 Wye Phases: 3 Wires: 4			A.I.C. Rating: Mains Type: MLO Rating: 100 A					
CKT	LOAD	CKT BRK	POLES	A	B	C	POLES	CKT BRK	LOAD	CKT	
1	Receptacle	20 A	1	900 VA	1760 VA			1	20 A	Receptacle	2
3	Receptacle	20 A	1		660 VA	540 VA		1	20 A	Receptacle CORRIDOR 110	4
5	Receptacle	20 A	1								6
7	Power	20 A	1	0 VA							8
9	Power	20 A	1		0 VA						10
11	Power WRESTLING LOCKER ROOM 115	20 A	1								12
13	Power	20 A	1	0 VA							14
15	Power	20 A	1		0 VA						16
17	Power	20 A	1			0 VA					18
19	Lighting	20 A	1	1909 VA							20
21	Lighting	20 A	1		1267 VA						22
23	Power WRESTLING LOCKER ROOM 115	20 A	1								24
25	Receptacle CORRIDOR 110	20 A	1	900 VA							26
27		20 A	1		860 VA						28
29											30

Notes:
USE SEPARATE NEUTRAL FOR ALL CIRCUITS



- ELECTRICAL NOTES**
- RELOCATE 3 - 20A SINGLE POLE CIRCUITS INTO NEW PANEL L3B. INSTALL NEW 100A 3P SIEMENS BQ3B100 BREAKER INTO PANEL L3.
 - INSTALL 1-1/4" EMT CONDUIT WITH 4 - #3 THHN WITH 1 - #8 THHN GND.



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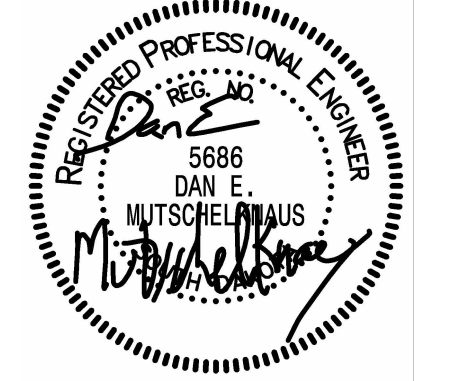
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LOCKER ROOM UPGRADES
OSE # RO124--16X
NORTHERN STATE UNIVERSITY
ABERDEEN, SOUTH DAKOTA

SHEET TITLE:
ELECTRICAL RISER DIAGRAM &
PANEL SCHEDULE

E503