

GENERAL NOTES

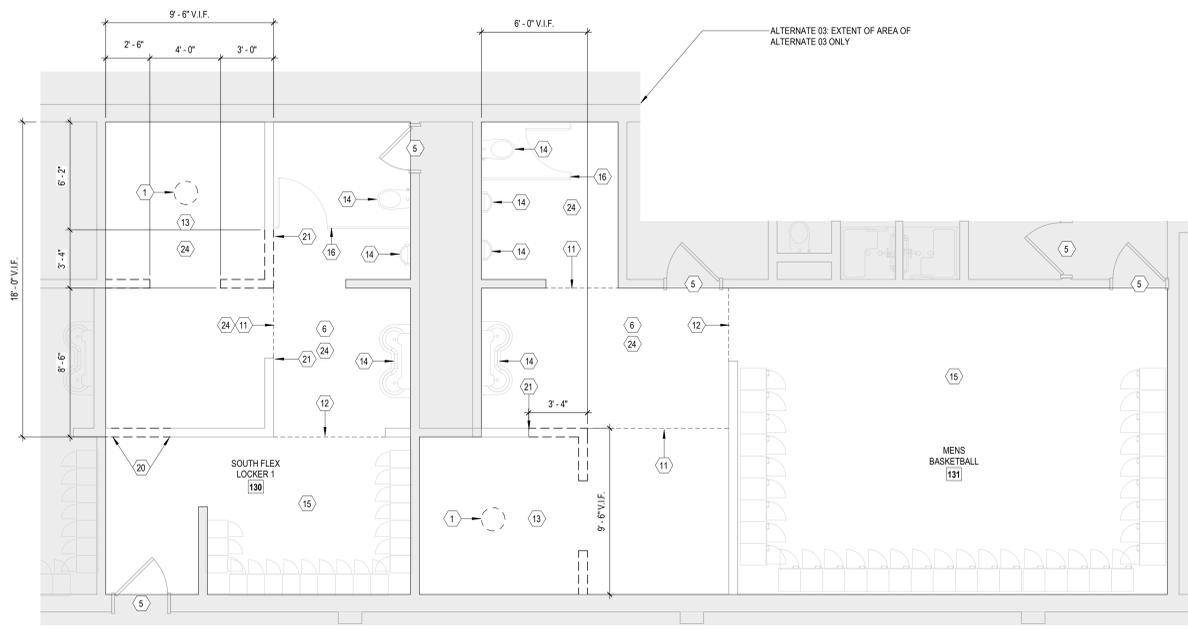
SHEET SPECIFIC GENERAL INFORMATION AND/OR INSTRUCTION

- DEMOLITION PLAN(S) TO BE USED IN CONJUNCTION WITH THE FLOOR PLAN(S) TO DETERMINE EXACT SCOPE OF DEMOLITION.
- VERIFY THAT ALL ITEMS INDICATED AS EXISTING ARE CORRECT.
- PERFORM ALL DEMOLITION WORK WITH MINIMUM DAMAGE TO THE EXISTING WORK TO REMAIN. EXERCISE THE UTMOST CARE WHILE PERFORMING THE DEMOLITION WORK. PROVIDE BARRICADES WHERE REQUIRED TO PROTECT THE PUBLIC.
- PROTECT GYMNASIUM WOOD FLOOR DURING DEMOLITION AND CONSTRUCTION. DO NOT REMOVE ANY STRUCTURAL COLUMNS, WALLS OR SUPPORTS. CAREFULLY REMOVE INTERIOR PARTITIONS ONLY. IF THERE IS ANY CONCERN WHETHER AN INTERIOR WALL IS BEARING OR NOT, CONTACT ARCHITECT IMMEDIATELY.
- REFER TO PLUMBING, MECHANICAL, ELECTRICAL DRAWINGS FOR SCOPE OF DEMOLITION UNDER EACH DISCIPLINE.
- DEMOLITION OF FLOOR SLAB AND TRENCHING FOR NEW PLUMBING SCOPE SHALL BE PATCHED TO ACCOMMODATE NEW FLOORING FINISHES WITHOUT ANY TRANSFERING OF CONCRETE IRREGULARITIES.
- EXISTING FLOORING THAT IS REMOVED SHALL BE AN ACCEPTABLE SUBSTRATE SMOOTHNESS FOR NEW FLOORING.
- REMOVE AND RETURN TO OWNER ALL WALL MOUNTED ACCESSORIES/SPECIALTIES.
- REMOVE AND RETURN TO OWNER ALL EQUIPMENT/ FURNISHINGS.
- PATCH EXISTING WALLS AND TOUCH UP PAINT AS REQUIRED WHERE DEVICES ARE INSTALLED OR RELOCATED.
- COORDINATE WITH ARCHITECT AND OWNER IF EQUIPMENT, FURNISHINGS OR ACCESSORIES REQUIRE TO BE TEMPORARILY RELOCATED.

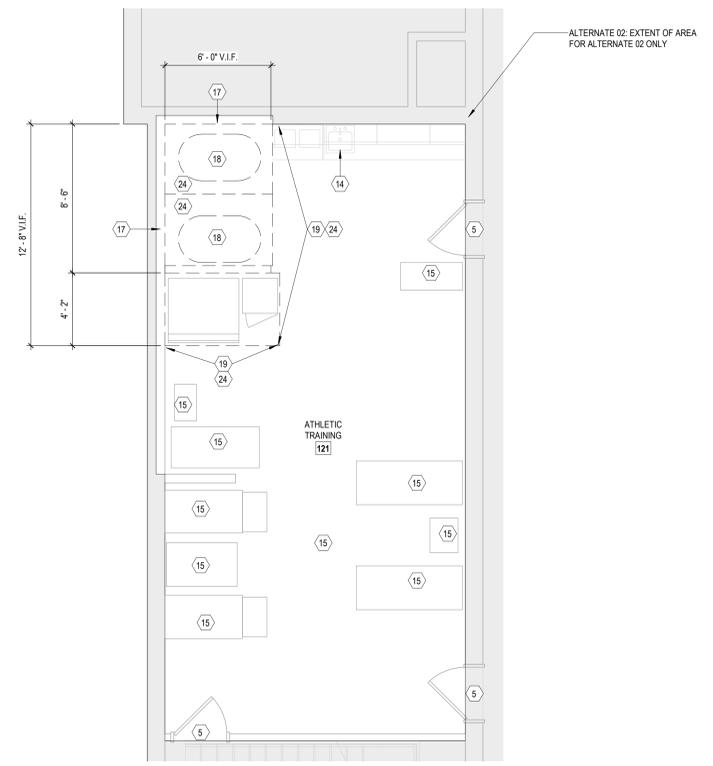
SHEET KEYNOTES

NUMBERING IS GROUPED BY TYPE / PHASE OF WORKSHEET OF NON-ARCHITECTURAL ITEMS OR INFORMATIONAL / INSTRUCTIONAL NOTATION. SOME NUMBERS MAY BE SKIPPED ON ANY GIVEN DRAWING SHEET.

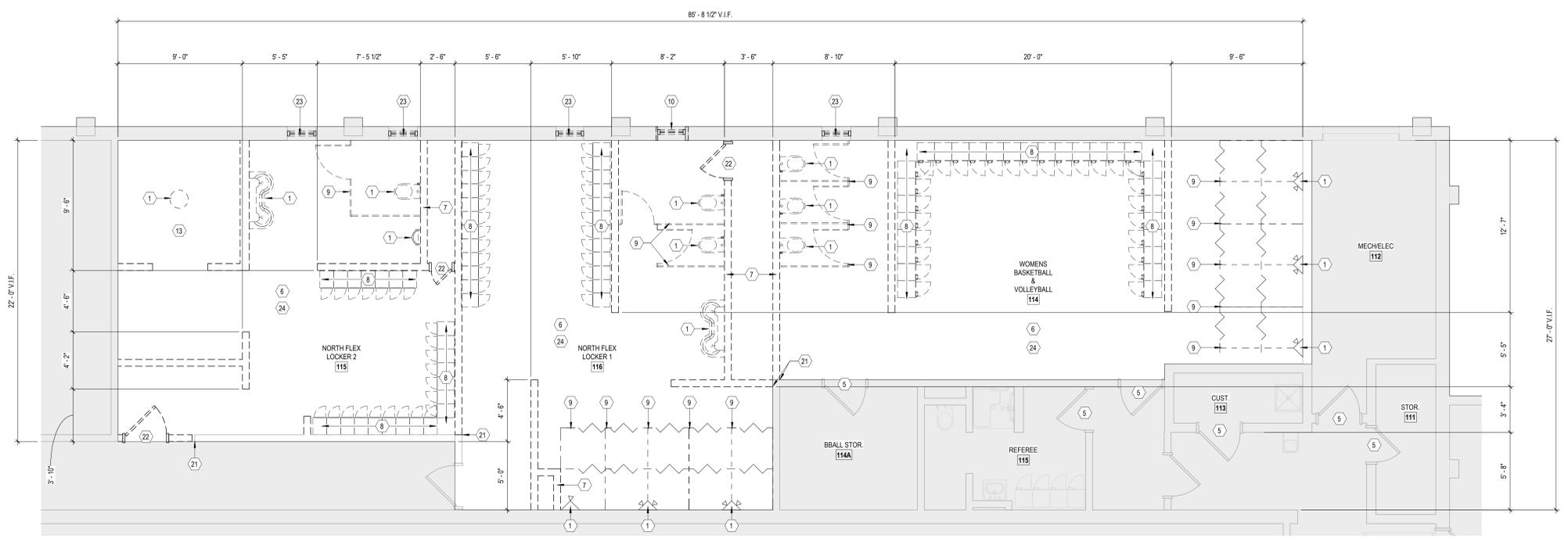
- REMOVE PLUMBING FIXTURES; RE: PLUMBING
- EXISTING DOOR TO REMAIN; PROTECT DURING DEMOLITION AND CONSTRUCTION
- REMOVE EXISTING FLOORING FINISHES AND PREPARE FOR NEW FLOORING; RE: FINISH PLANS FOR EXTENT AND TYPE OF NEW FLOORING
- REMOVE EXISTING CHASE WALL; COORDINATE WITH MEP FOR EXISTING MEP EQUIPMENT
- REMOVE ALL EXISTING LOCKERS AND RETURN TO OWNER
- REMOVE EXISTING TOILET/ SHOWER PARTITIONS
- REMOVE EXISTING WINDOW AND PREPARE OPENING FOR A NEW MECHANICAL LOCKER; RE: MECHANICAL
- PROTECT AND MAINTAIN EXISTING CEILING/ SOFFIT ABOVE. PATCH AND REPAIR AS REQUIRED DURING NEW CONSTRUCTION. RE: REFLECTED CEILING PLANS
- LINE OF EXTENT BETWEEN EXISTING TO REMAIN FLOORING AND NEW CONSTRUCTION FLOORING; RE: FINISH PLANS
- REFER TO PLUMBING FOR EXTENT OF PIPING DEMOLITION AT SLAB; RE: PLUMBING
- EXISTING FIXTURE TO REMAIN; PROTECT DURING DEMOLITION AND NEW CONSTRUCTION
- EXISTING EQUIPMENT, FURNISHINGS AND ACCESSORIES TO REMAIN; PROTECT DURING DEMOLITION AND NEW CONSTRUCTION. RELOCATE DURING DEMOLITION AND CONSTRUCTION AS REQUIRED
- TEMPORARY REMOVAL OF TOILET PARTITION MAY BE REQUIRED FOR NEW FLOORING CONSTRUCTION; REMOVE AND REINSTALL IF REQUIRED
- REMOVE TILE AND PREPARE WALL FOR NEW TILE FINISH. PATCH, REPAIR AND TOUCH UP AS REQUIRED; RE: INTERIOR ELEVATIONS
- REMOVE AND SAVE FOR REUSE: WHIRLPOOL, COLD THERAPY TUBS
- REMOVE RAISED PLATFORM, HALF WALL AND ALL PLUMBING BENEATH RE: PLUMBING FOR EXTENT OF PLUMBING REMOVAL
- REMOVE PORTION OF EXISTING MASONRY WALL FOR NEW DOOR FRAME, SLAB AND HARDWARE; RE: DOOR SCHEDULE
- CAREFULLY DEMOLISH PORTIONS OF EXISTING WALL WHERE NEW WALL OR EXPOSED EDGES WILL BE PRESENT AFTER DEMO. ENSURE EXPOSED WALL EDGE IS PLUMB AND SQUARE TO RECEIVE NEW WALL FINISH
- CAREFULLY REMOVE DOOR FRAME, SLAB, AND HARDWARE FOR REUSE; RETURN TO OWNER IF NOT USED IN NEW CONSTRUCTION PLAN
- REMOVE EXISTING WINDOW AND PATCH WITH NEW MASONRY. INFILL: MATCH INTERIOR AND EXTERIOR MASONRY AND GROUT FLOORING DEMOLITION REQUIRED; PATCH AND PREPARE AREA FOR NEW FLOORING OR MATCH SURROUNDING FLOORING; SEE NEW CONSTRUCTION PLANS



3 ENLARGED DEMOLITION PLAN - SOUTH LOCKERS - ALTERNATE 03
 1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN - ATHLETIC TRAINING - ALTERNATE 02
 1/4" = 1'-0"



1 ENLARGED DEMOLITION PLAN - NORTH LOCKERS
 1/4" = 1'-0"



Addendum 03	2026-03-13
Addendum 01	2026-03-08
REVISION	DATE
FOR PERMIT AND CONSTRUCTION	
Project Number	24108.00
Date	2026-02-13
Drawn By	SZKA
Checked By	BD
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Sheet Name
 ENLARGED DEMOLITION FLOOR PLAN



○ SHEET KEYNOTES

- NUMBERING IS GROUPED BY TYPE / PHASE OF WORKSHEET OF NON-ARCHITECTURAL ITEMS OR INFORMATION. INSTRUCTIONAL NOTATION. SOME NUMBERS MAY BE SKIPPED ON ANY GIVEN DRAWING SHEET.
- 107 RELOCATED EXISTING ICE MACHINE. COORDINATE ICE MACHINE DRAIN AND POWER REQUIREMENTS; RE: PLUMBING & ELECTRICAL.
 - 108 PROVIDE NEW AND EXTEND EXISTING PLUMBING FROM CEILING FOR WHIRLPOOL TUBS. PATCH AND REPAIR EXISTING ACOUSTIC CEILING TILE AS REQUIRED; RE: PLUMBING
 - 109 PATCH, REPAIR AND TOUCH UP PAINT WHERE NEW WALL FINISH AND EXISTING WALL FINISH JOIN
 - 110 EXISTING DOOR TO REMAIN; PROTECT DURING DEMOLITION AND CONSTRUCTION
 - 113 EXISTING WHIRLPOOL COLD TUB
 - 116 EXISTING EQUIPMENT AND FURNISHINGS
 - 117 PATCH AND REPAIR CEILING / SOFFIT AS REQUIRED BY NEW CONSTRUCTION
 - 118 PROVIDE NEW FLOORING AS REQUIRED FROM DEMOLITION. MATCH EXISTING SUBFLOOR AND RUBBER FLOOR; COORDINATE WITH OWNER FOR EXACT FLOORING TYPE

CONSTRUCTION GENERAL NOTES

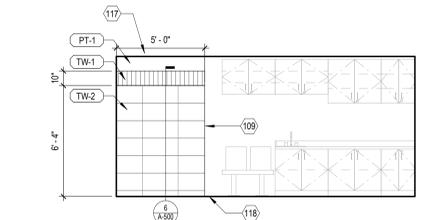
- SHEET SPECIFIC GENERAL INFORMATION AND/OR INSTRUCTION
1. INTERIOR BUILDING DIMENSIONS ARE TO GRID CENTERLINE AND FACE OF STUD FRAMING AT NEW CONSTRUCTION AND FROM FACE OF EXISTING BUILDING ELEMENT TO FACE OF STUD, UNO.
 2. PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT, CASEWORK AND ACCESSORIES; NO EXCEPTIONS.
 3. ALL INTERIOR FRAMED WALL ASSEMBLIES TO BE TYPE P3 TO BOTTOM OF DECK, UNO.
 4. ALL INTERIOR MASONRY WALL ASSEMBLIES ARE EXISTING, UNO.
 5. OBTAIN CLARIFICATION FROM BUILDING OWNER REGARDING AVAILABILITY OF PRE-STOCKED OR INVENTORIED BUILDING MATERIALS (IF ANY) THAT MAY BE CONSIDERED FOR THIS PROJECT.
 6. HATCHED AREA ON PLAN DRAWING IS "NOT IN CONTRACT". BASE BUILDING SPACES AND CONSTRUCTION (EXIT STAIRS, SHAFTS, ELECTRICAL, TOILETS, ETC.) ARE SHOWN FOR REFERENCE ONLY UNLESS NOTED OTHERWISE.
 7. WHERE THE DESIGN INTENT CANNOT BE DETERMINED FROM CONSTRUCTION DOCUMENTS, OBTAIN CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION.
 8. PATCH AND REPAIR EXISTING PARTITIONS WHERE DEMOLITION HAS OCCURRED, INCLUDING THE REMOVAL OF WALL OUTLETS, WALL BASE, BLANK COVER PLATES, AND THERMOSTATS. REPAIR GYPSUM BOARD AND PREPARE FOR SPECIFIED FINISH.
 9. WHERE NEW ELEMENTS ARE ADJACENT TO EXISTING ELEMENTS, ALIGN FINISHED SURFACES, UNO.
 10. PROVIDE CLEAN TRANSITIONS BETWEEN VERTICAL SURFACES. USE TRIM PIECES AT MATERIAL TRANSITIONS.
 11. NOTIFY ARCHITECT OF ANY AREAS WHERE DIMENSIONAL REQUIREMENTS CANNOT BE MET OR EXCEED DIMENSIONS SHOWN FOR CLARIFICATION.
 12. PAINT ALL EXPOSED DECK, PIPES, DUCTWORK, AIR DIFFUSERS, AND GRILLS, AND ACCESS DOORS TO MATCH COLOR OF ADJACENT CEILING OR WALL SURFACE, UNO.
 13. ALL DIMENSIONS ON FINISH PLANS ARE TO FINISHED FACE OF MATERIAL, UNO.
 14. PAINT ALL COUNTERTOP SUPPORT BRACES TO MATCH ADJACENT WALL SURFACE UNLESS FACTORY FINISHED.
 15. PAINT ALL INTERIOR HOLLOW METAL DOOR FRAMES IN GYP WALL BOARD TO MATCH ADJACENT WALL COLOR, UNO. RE: DOOR SCHEDULE.
 16. REFER TO ELEVATIONS AND REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION RELATED TO FINISHES AND EXTENTS.
 17. TRENCHING FOR NEW PLUMBING SCOPE SHALL BE PATCHED TO ACCOMMODATE NEW FLOORING FINISHES WITHOUT ANY TRANSCRIBING OF CONCRETE IRREGULARITIES.
 18. ALL FLOORING MATERIALS AND TRANSITIONS SHALL BE CENTERED UNDER THE DOOR IN THE CLOSED POSITION UNO.
 19. CONTRACTOR TO SUBMIT INSTALLATION PATTERN DRAWINGS FOR ARCHITECT'S APPROVAL. FOR ALL APPLICABLE FINISHES (INCLUDING BUT NOT LIMITED TO: CARPET, TILE, FLUID APPLIED FLOORING).
 20. FLOOR FINISHES TO EXTEND UNDER CASEWORK AND KNEE SPACE, UNO.
 21. FLOORING SUBCONTRACTORS TO FIELD VERIFY ALL DIMENSIONS. SMALL FLOORING SLIVERS ALONG PERIMETER WILL NOT BE ACCEPTED. COORDINATE WITH ARCHITECT AS REQUIRED.
 22. PROVIDE CORNER GUARDS AT ALL GYPSUM BOARD OUTSIDE CORNERS IN PUBLIC SPACES, UNO.
 23. REFER TO ENGINEERING DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 24. THIS PLAN SHOWS LOCATIONS OF ITEMS IN ARCHITECTURALLY SIGNIFICANT SPACES ONLY. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL PLANS FOR ALL ITEMS NOT SHOWN.
 25. CENTER ALL CEILING MOUNTED ITEMS LOCATED IN ACT, GYPSUM BOARD SOFFITS / CEILINGS AND BETWEEN OTHER CEILING MOUNTED FIXTURES.
 26. ALL CEILING ELEVATION REFERENCES ARE RELATIVE TO FINISHED FLOOR SLAB BELOW.
 27. CONTRACTOR TO FIELD VERIFY CONDITIONS ABOVE FINISHED CEILING AND CEILING HEIGHT RESTRICTIONS. COORDINATE WITH ARCHITECT.
 28. ALL NEW AND EXISTING TO REMAIN GYP. BOARD CEILINGS, SOFFITS, AND HEADERS TO BE PAINTED EP-1, UNO.
 29. ALL EXPOSED CEILING STRUCTURE AND DECK TO BE PAINTED, UNO.

CONSTRUCTION PLAN LEGEND

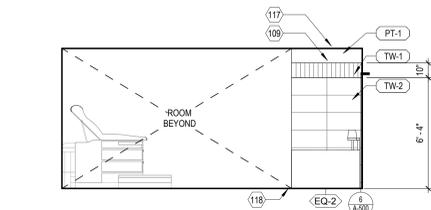
- EXISTING WALL TO REMAIN
- NEW STUD WALL FRAMING - TO BOTTOM OF CEILING
- AREA NOT IN CONTRACT (N.I.C.)
- EXISTING DOOR TO REMAIN
- NEW DOOR WITH DOOR TAG OR EXISTING DOOR TO BE REUSED; RE: DOOR SCHEDULE
- EQUIPMENT / ACCESSORY / MATERIAL TAG (ALSO ON INTERIOR ELEVATIONS)
- NEW WALL PARTITION TAG - MASONRY/GYPSUM TO BOTTOM OF METAL DECK
- NEW WALL PARTITION TAG - MASONRY/GYPSUM TO BOTTOM OF CEILING
- SYSTEM ASSEMBLY TYPE: FLOORS, WALLS, CEILINGS, AND ROOFS

FINISH LEGEND

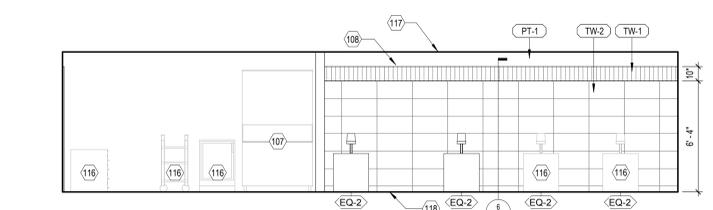
- | ROOM NAME | ROOM NUMBER | WALL FINISH MATERIAL |
|-----------|-------------|-----------------------|
| WE | | WALL FINISH MATERIAL |
| BF | | BASE FINISH MATERIAL |
| FF | | FLOOR FINISH MATERIAL |
- XXX FINISH NOTE, WHERE OCCURS
 - (X-#) FINISH MATERIAL TAG
 - XXX FINISH NOTE, WHERE OCCURS
 - ↑ FINISH MATERIAL/PATTERN DIRECTION
 - X-# / X-# FINISH MATERIAL TRANSITION
 - TME TO MATCH EXISTING



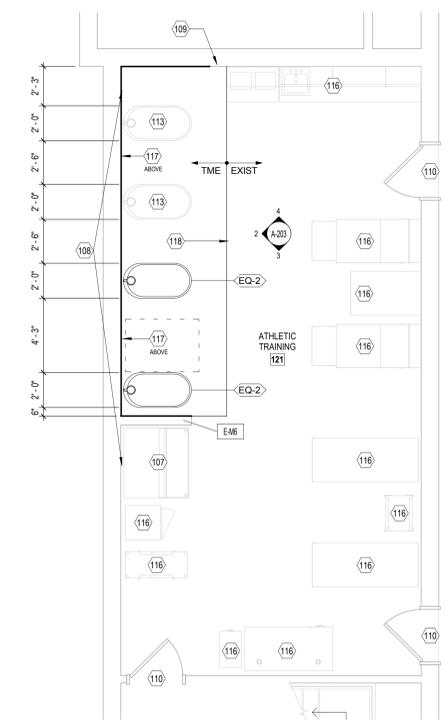
4 ATHLETIC TRAINING 121 - NORTH
1/4" = 1'-0"



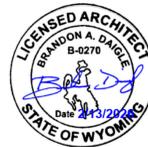
3 ATHLETIC TRAINING 121 - SOUTH
1/4" = 1'-0"



2 ATHLETIC TRAINING 121 - WEST
1/4" = 1'-0"



1 ENLARGED FLOOR PLAN - ATHLETIC TRAINING 121 ALTERNATE 02
1/4" = 1'-0"



ADDENDUM	DATE
Addendum 03	2026-03-13
Addendum 01	2026-03-08
REVISION	DATE

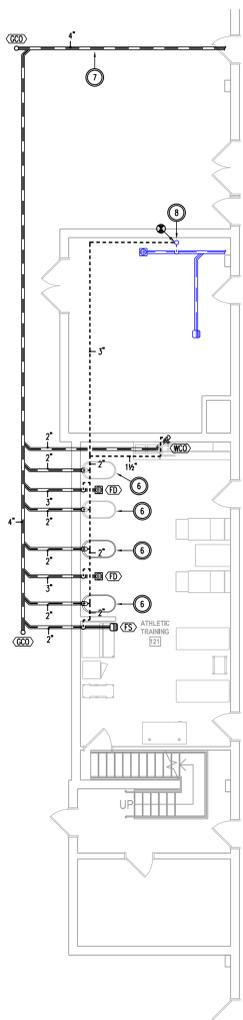
FOR PERMIT AND CONSTRUCTION

Project Number	24108.00
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Drawn By	SZKA
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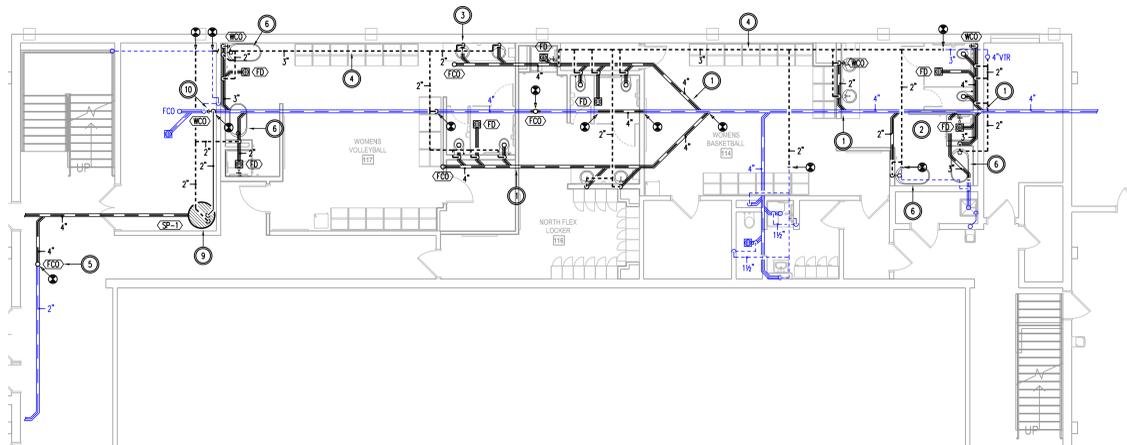
Sheet Name
ENLARGED PLAN
- ATHLETIC
TRAINING
ALTERNATE 02

A-203



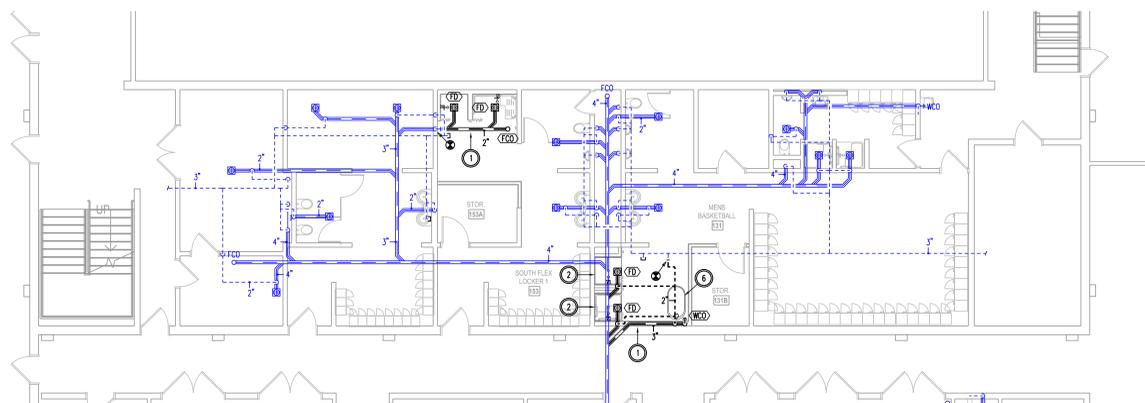
ATHLETIC TRAINING PLAN - ALTERNATE 02 - WASTE & VENT

1/8" = 1'-0" 03



NORTH LOCKER ROOM PLAN - WASTE & VENT

1/8" = 1'-0" 01



SOUTH LOCKER ROOM PLAN - ALTERNATE 03 - WASTE & VENT

1/8" = 1'-0" 02

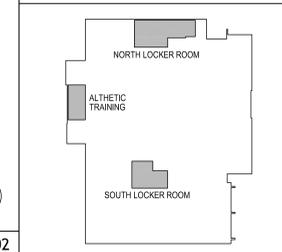
GENERAL NOTES

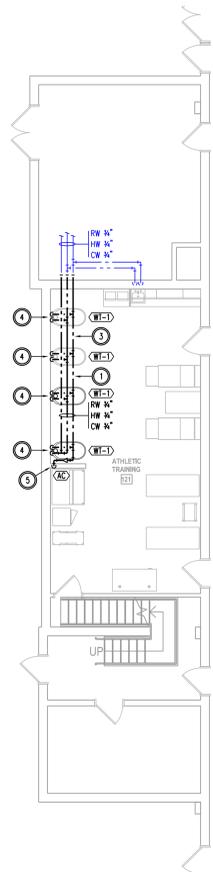
- EXISTING CONDITIONS ARE BASED ON AVAILABLE INFORMATION. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE GIVEN FOR FAILURE TO INVESTIGATE.
- MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE FOR A COMPLETE INSTALLATION WITHOUT ADDITIONAL COST TO THE OWNER.
- FIELD ORGANIZE AND INSTALL ALL EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC FOR MAXIMUM CLEARANCE AND MAINTENANCE ACCESSIBILITY. (ALL TRACES)
- EXISTING PIPING, DUCTWORK AND EQUIPMENT SHOWN LIGHT. NEW PIPING, DUCTWORK AND EQUIPMENT SHOWN BOLD.
- EXISTING PIPING, DUCTWORK AND EQUIPMENT TO REMAIN OR THAT WHICH IS NOTED TO BE REUSED SHALL BE PROTECTED FROM DAMAGE.
- INSTALL ALL PLUMBING PIPING WITHIN FRAMED WALLS OR ABOVE CEILING TIGHT TO OR WITHIN STRUCTURE UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. PLAN OFFSETS AS NEEDED TO AVOID CONFLICTS WITH DUCTWORK AND/OR STRUCTURE.
- COORDINATE ALL BELOW GROUND INSTALLATION WITH FOUNDATION WORK. PROVIDE SLEEVES OR BLOCK-OUTS WHERE NEEDED. CONSULT ARCHITECT PRIOR TO DESCRIBING ANY STRUCTURAL ELEMENTS.
- FLOOR DRAIN/SINK LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN AND SET FINAL ELEVATION TO ACCOMMODATE SLOPING FLOORS.
- FIXTURE LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN. CONFIRM CASEWORK DIMENSIONS WILL ACCOMMODATE FIXTURES PRIOR TO ORDERING FIXTURES.

KEY NOTES

- RECONNECT NEW PLUMBING FIXTURES AS SHOWN TO THE EXISTING SANITARY SYSTEM. (TYPICAL)
- COORDINATE A FLOOR DRAIN IN EACH OF THESE SHOWER STALLS. FIELD VERIFY EXACT LOCATION OF THE EXISTING SANITARY SEWER AND ADJUST ACCORDINGLY.
- INSTALL LAVATORY DRAIN LINE UP IN WALL FRAMING UNDER THE CABINETS. ROUTE VENT LINE BACK TO THE WALL AND OUT AS SHOWN.
- ROUTE VENT LINE HIGH AND TIGHT IN THE CORNER OF THIS ROOM AND RECONNECT TO THE EXISTING VENT SYSTEM.
- PROVIDE A FLOOR CLEANOUT AT THIS CONNECTION POINT BETWEEN THE OLD AND NEW SANITARY PIPING LOCATION. THIS LOCATION SHALL NOT AFFECT THE G.W. FLOOR.
- CONNECT OWNER PROVIDED WHIRLPOOL TUB IN THIS LOCATION. PROVIDE A 2" P-TRAP AND RISER FOR CONNECTION TO THE UNDERGROUND PIPING. PROVIDE A 1-1/2" CAST IRON VENT UP THE WALL EXPOSED IN THE TRAINING ROOM OR IN WALL FRAMING PROVIDED IN THE LOCKER ROOMS. CONNECT VENTING ABOVE THE CEILING AS SHOWN.
- ROUTE NEW 4" WASTE FROM THE TRAINING ROOM AROUND THE BUILDING TO THE DOORWAY AND ENTER THE NORTH LOCKER ROOM. GRADE THIS PIPING AT 1/4" PER FT TO MAINTAIN MAXIMUM SLOPE. CONNECT FIXTURE AS SHOWN. PROTECT THIS EXTERIOR LINE WITH BLUE BOARD INSULATION TO PROTECT FROM FREEZING. INSTALL PIPING AS DEEP AS POSSIBLE.
- RECONNECT THIS 3" VENT LINE TO THIS EXISTING VTR AS SHOWN. SUPPORT AS NOTED ABOVE THE CEILING FROM THE STRUCTURE.
- FIELD LOCATE THIS FIBERGLASS 36"x72" BASIN AS CLOSE TO THE CORNER OF THE ROOM AS POSSIBLE. INSTALL PER MFR INSTRUCTIONS. ROUTE 2" VENT AND DRAIN LINE ALONG THIS EAST WALL AND CONNECT AS SHOWN.
- PROVIDE A NEW 2" WASTE STACK UP TO THE CEILING FROM THE EXISTING 4" SEWER LINE. INSTALL SLOPE 2" LINE FROM THE PUMP TO THIS VERTICAL PIPE HIGH UP.

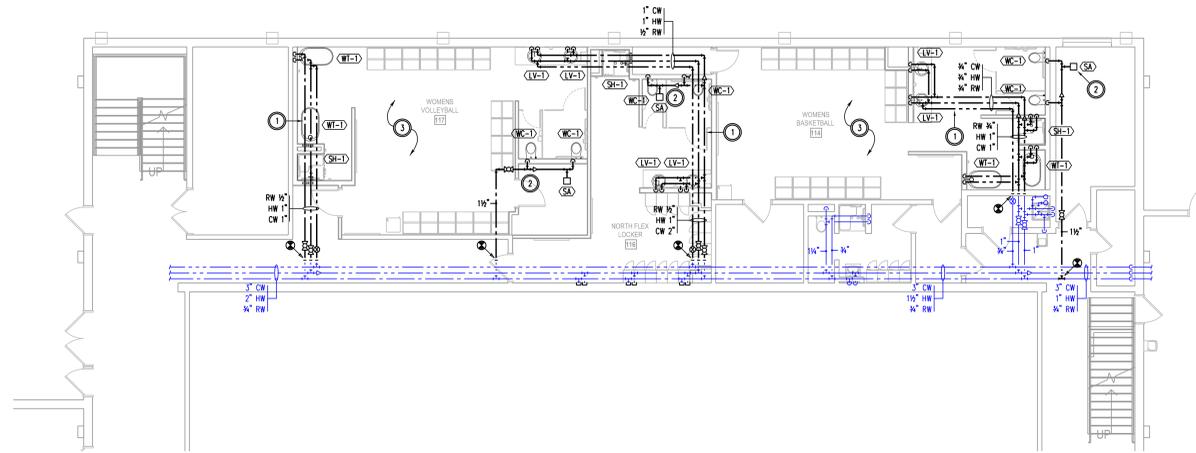
KEY PLAN





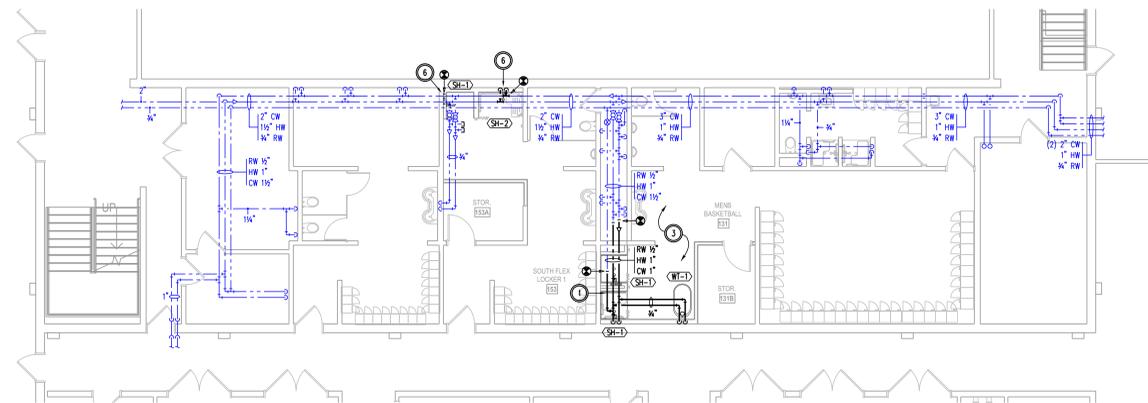
ATHLETIC TRAINING PLAN - ALTERNATE 02 - DOMESTIC PIPING

1/8" = 1'-0" 03



NORTH LOCKER ROOM PLAN - DOMESTIC PIPING

1/8" = 1'-0" 01



SOUTH LOCKER ROOM PLAN - ALTERNATE 03 - DOMESTIC PIPING

1/8" = 1'-0" 02

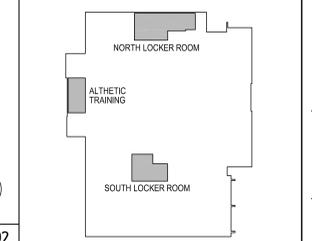
GENERAL NOTES

1. EXISTING CONDITIONS ARE BASED ON AVAILABLE INFORMATION. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE GIVEN FOR FAILURE TO INVESTIGATE.
2. MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE FOR A COMPLETE INSTALLATION WITHOUT ADDITIONAL COST TO THE OWNER.
3. FIELD ORGANIZE AND INSTALL ALL EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC FOR MAXIMUM CLEARANCE AND MAINTENANCE ACCESSIBILITY. (ALL TRACES)
4. EXISTING PIPING, DUCTWORK AND EQUIPMENT SHOWN LIGHT. NEW PIPING, DUCTWORK AND EQUIPMENT SHOWN BOLD.
5. EXISTING PIPING, DUCTWORK AND EQUIPMENT TO REMAIN OR THAT WHICH IS NOTED TO BE REUSED SHALL BE PROTECTED FROM DAMAGE.
6. INSTALL ALL PLUMBING WITHIN FRAMED WALLS OR ABOVE CEILING TIGHT TO OR WITHIN STRUCTURE UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION OF MATERIALS. PLAN OFFSETS AS NOTED TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
7. SLEEVE ALL WALL PENETRATIONS ALLOWING FOR FREE MOVEMENT DUE TO PIPE EXPANSION/SEAL. PENETRATIONS INTO FINISHED CONSTRUCTION WITH A FIRE SAFE MATERIAL AND ALL OTHERS WITH AN ACOUSTIC CAULK. (TYPICAL)
8. FIXTURE LOCATIONS ARE SHOWN APPROXIMATE. CONFIRM ALL LOCATIONS WITH ARCHITECTURAL PLANS PRIOR TO ORDERING. CONFIRM CASEWORK DIMENSIONS WILL ACCOMMODATE FIXTURES PRIOR TO ORDERING FIXTURES.

KEY NOTES

1. ROUTE NEW DOMESTIC COPPER WATER LINE ABOVE THE CEILING AND ROUTE ACCORDINGLY TO EACH FIXTURE AS SHOWN. PROVIDE ISOLATION VALVES WHERE SHOWN. SET ALL BALANCING VALVES AT 0.5 GPM.
2. INSTALL SHOCK ARRESTOR IN THE CHASE OR ABOVE THE STORAGE ROOM FOR ACCESS.
3. ROUTE ALL DOMESTIC PIPING HIGH AND TIGHT TO THE STRUCTURE. COORDINATE WITH EXHAUST DUCTWORK.
4. PROVIDE AND INSTALL WHIRLPOOL FAUCET ABOVE EACH TUB. SECURE TO THE WALL AS NOTED. CLEAN ALL EXPOSED COPPER ALONG THIS WALL AS THOUGH IT WILL BE INSTALLED WITH WOOD FIBER GLOVES AND UNTIL IT COULD BLIND AN OPPOSING PLAYERS EYES.
5. PROVIDE AN APPLIANCE CONNECTION BOX IN THIS WALL. COORDINATE EXACT HEIGHT WITH EXISTING ICE MAKER.
6. EXTEND 1/2" DOMESTIC WATER LINES DOWN IN WALL FRAMING FOR CONNECTION TO THIS SHOWER.

KEY PLAN

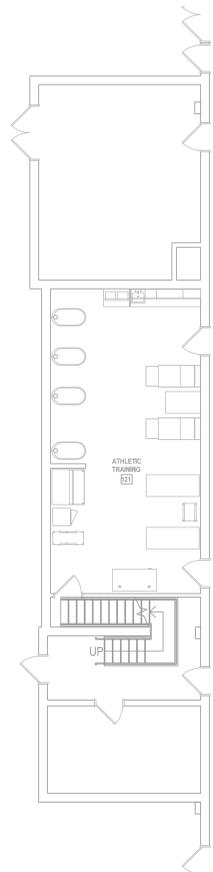


CASPER COLLEGE LOCKER ROOMS
1944 LISCO DR, CASPER, WY 82601



ADD #63	02/13/2026
REVISION	DATE
PERMIT DOCUMENTS	
Project Number	24108.0025119
Date	02/13/2026
Drawn By	KD
Checked By	AE
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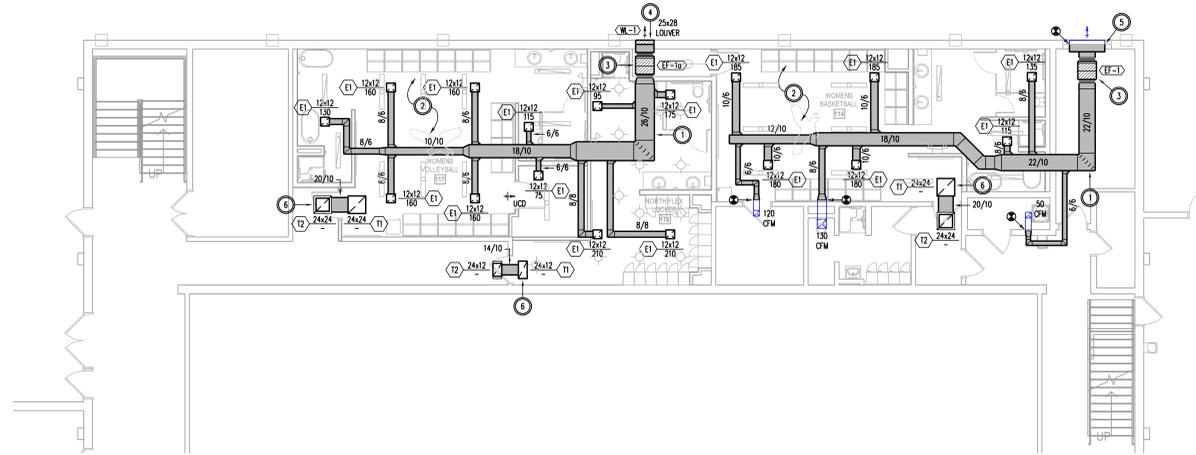
Sheet Name
MECHANICAL RENOVATION PLAN - DOMESTIC PIPING
M-301



ATHLETIC TRAINING PLAN - ALTERNATE 02 - HVAC

1/8" = 1'-0" 03

(ALTERNATE 01 - CEILINGS)
NORTH LOCKER ROOM PLAN - HVAC



SOUTH LOCKER ROOM PLAN - ALTERNATE 03 - HVAC

1/8" = 1'-0" 01

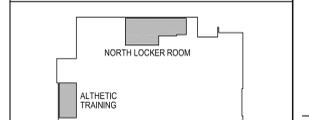
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2. MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE FOR A COMPLETE INSTALLATION WITHOUT ADDITIONAL COST TO THE OWNER.
3. FIELD ORGANIZE AND INSTALL ALL EQUIPMENT, DUCTWORK, PIPING, CONDENSATE, ETC FOR MAXIMUM CLEARANCE AND MAINTENANCE ACCESSIBILITY. (ALL TRADES)
4. EXISTING PIPING, DUCTWORK AND EQUIPMENT SHOWN LIGHT. NEW PIPING, DUCTWORK AND EQUIPMENT SHOWN BOLD.
5. EXISTING PIPING, DUCTWORK AND EQUIPMENT TO REMAIN OR THAT WHICH IS NOTED TO BE REUSED SHALL BE PROTECTED FROM DAMAGE.
6. OFFSET AND/OR TRANSITION DUCTWORK AROUND STRUCTURAL ELEMENTS AS REQUIRED. CONFIRM INTENTIONS WITH THE ENGINEER PRIOR TO FABRICATION.
7. INSTALL ALL DUCTWORK TIGHT TO OR WITHIN STRUCTURE. AVOID WHERE POSSIBLE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES PRIOR TO FABRICATION.
8. COORDINATE ALL DIFFUSER LOCATIONS IN CEILING WITH ARCHITECTURAL PLANS. BASE BID AND ALTERNATE 01.

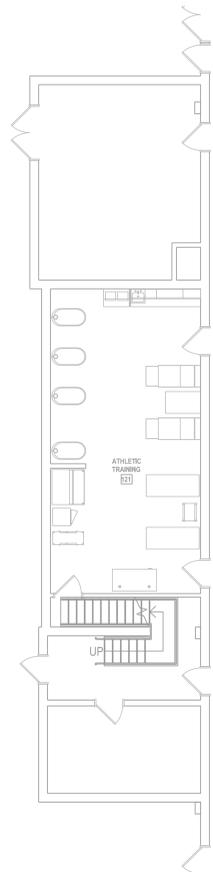
KEY NOTES

1. ALL DUCTWORK TO BE PAINT LOCK TYPE IN BASE BID. GALVANIZED FOR ALTERNATE 01.
2. ALL DUCTWORK TO BE INSTALLED HIGH AND TIGHT. COORDINATE WITH ALL OTHER TRADES TO ACHIEVE MAXIMUM CEILING HEIGHT AND CLEARANCES IN THESE SPACES.
3. FIELD LOCATE INLINE EXHAUST FAN IN THE DUCTWORK IN THESE ROOMS. SUPPORT AS REQ'D FROM THE CONCRETE STRUCTURE ABOVE. PROVIDE FLEX CONNECTIONS ON THE INLET AND OUTLET OF THE FAN. CONNECT TO NEW LOUVER PLENUM BOX AS REQ'D. KEEP THESE FANS HIGH UP IN THESE ROOMS.
4. INSTALL A NEW WALL LOUVER IN THIS EXISTING WINDOW OPENING. COORDINATE WINDOW REMOVAL WITH GC. SEAL LOUVER WEATHER TIGHT. TRANSITION PLENUM BOX AS NEEDED TO EXHAUST FAN.
5. PROVIDE A NEW PLENUM BOX ON THIS EXISTING LOUVER AND TRANSITION ACCORDINGLY TO THE EXHAUST FAN.
6. PROVIDE NEW LINED TRANSFER AIR GRILLES INTO EACH SPACE. ADJUST EXACT LOCATIONS BASED ON EXISTING CONDITIONS.
7. PROTECT THIS DUCTWORK AND DIFFUSERS FROM DAMAGE DURING CONSTRUCTIONS.

KEY PLAN

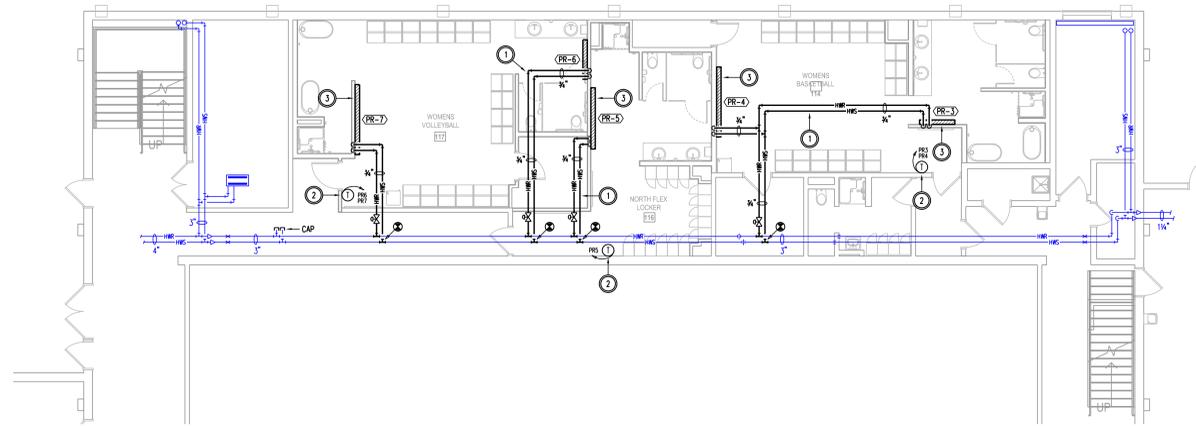


Sheet Name
MECHANICAL
RENOVATION PLAN -
HVAC



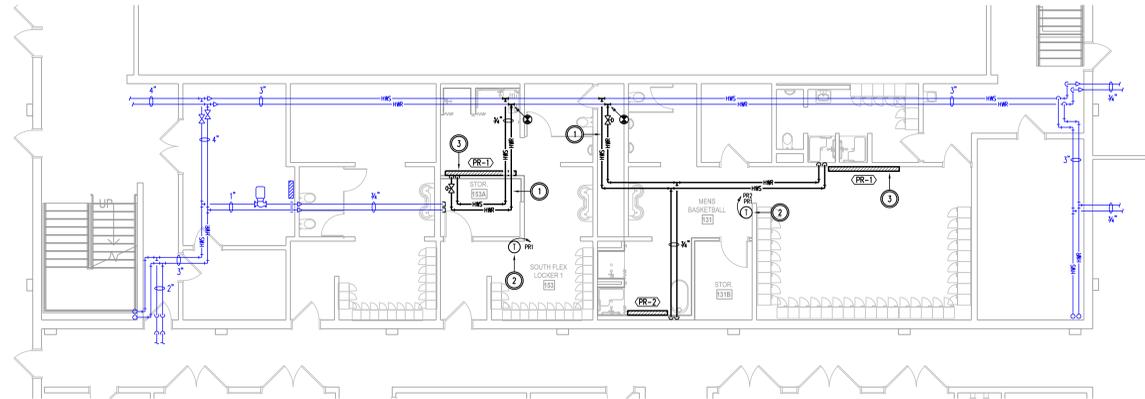
ATHLETIC TRAINING PLAN - ALTERNATE 02 - HYDRONIC PIPING

1/8" = 1'-0" 03



NORTH LOCKER ROOM PLAN - HYDRONIC PIPING

1/8" = 1'-0" 01



SOUTH LOCKER ROOM PLAN - ALTERNATE 03 - HYDRONIC PIPING

1/8" = 1'-0" 02

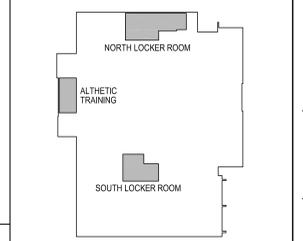
GENERAL NOTES

1. EXISTING CONDITIONS ARE BASED ON AVAILABLE INFORMATION. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE GIVEN FOR FAILURE TO INVESTIGATE.
2. MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. INCLUDE FOR A COMPLETE INSTALLATION WITHOUT ADDITIONAL COST TO THE OWNER.
3. FIELD ORGANIZE AND INSTALL ALL EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC FOR MAXIMUM CLEARANCE AND MAINTENANCE ACCESSIBILITY. (ALL TRACES)
4. EXISTING PIPING, DUCTWORK AND EQUIPMENT SHOWN LIGHT. NEW PIPING, DUCTWORK AND EQUIPMENT SHOWN BOLD.
5. EXISTING PIPING, DUCTWORK AND EQUIPMENT TO REMAIN OR THAT WHICH IS NOTED TO BE REUSED SHALL BE PROTECTED FROM DAMAGE.
6. INSTALL HEATING WATER LINES WITHIN FRAMED WALLS OR ABOVE CEILING TIGHT TO OR WITHIN STRUCTURE UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS AND REQUIREMENTS WITH OTHER TRADES. PROOF TO FABRICATOR OF MATERIALS. PLAN OFFSETS AS NEEDED TO AVOID CONFLICTS WITH DUCTWORK AND STRUCTURE.
7. SLEEVE ALL WALL PENETRATIONS ALLOWING FOR FREE MOVEMENT DUE TO PIPE EXPANSION. INSTALL CONTINUOUS FIRE INSULATION THRU SLEEVE. SEAL PENETRATIONS THRU RATED CONSTRUCTION WITH A FIRE SAFE MATERIAL. INSTALL ESCUTCHEONS AT ALL EXPOSED LOCATIONS.

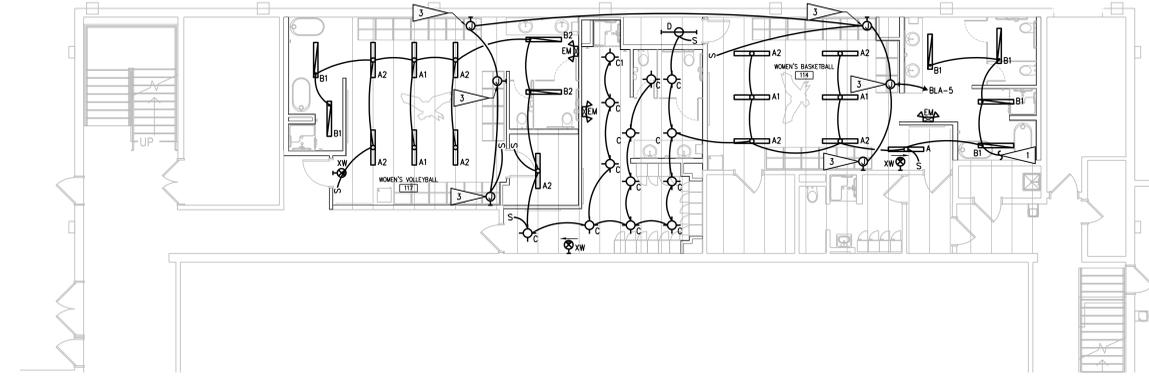
KEY NOTES

1. ROUTE NEW HYDRONIC LINES HIGH AND TIGHT TO THE BOTTOM OF THE STRUCTURE. PROVIDE INSULATION AT NEW TAKE-OFFS. GROUP UNITS AS SHOWN FOR A SINGLE CONTROL VALVE. ALL ACCESSORIES NEED TO BE LOCATED IN THE CEILING SPACE. PROVIDE ACCESS DOOR AS NEEDED IN ALTERNATE 01.
2. PROVIDE NEW DDC THERMOSTATS ON THE WALL IN THE LOCATIONS SHOWN. CONNECT BACK TO COLLECTOR CONTROL CONTRACTOR SYSTEM. COORDINATE THIS WORK WITH DCI.
3. ALL PANEL RADIATORS SHALL BE INSTALLED CLEAN AND CRISP. NO EXPOSED PIPING OR VALVES SHALL BE SEEN IN THE ROOM. PROVIDE ALL END CAPS.

KEY PLAN

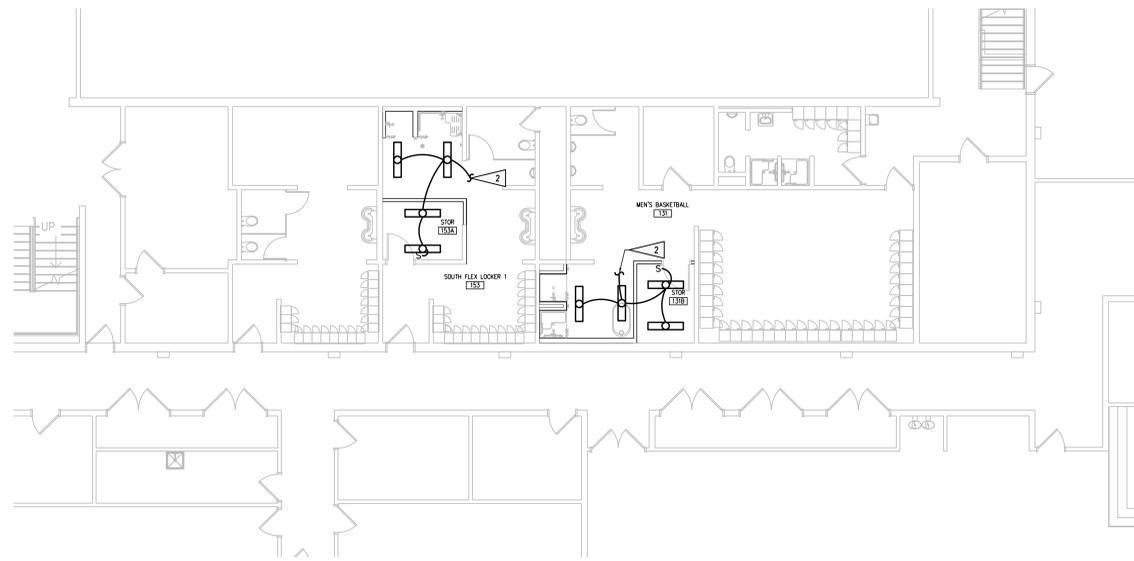


LIGHTING FIXTURE SCHEDULE										
TYPE	LAMPS	DESCRIPTION	WATTAGE	TEMP	LUMENS	LIFE	FINISH	MOUNTING	MANUFACTURER	CATALOG NO.
A	LED	4" LONG SURFACE MOUNT LINEAR LED, 0-10V DIMMING	14	4000K	1,400	L80=60,000	WHITE	CEILING SURFACE	LUMENWERX	CAVSS-CO-RL0-LED-80-350-40-4FT-UNV-OHC
A1	LED	4" LONG SURFACE MOUNT LINEAR LED, 0-10V DIMMING	21	4000K	2,000	L80=60,000	WHITE	CEILING SURFACE	LUMENWERX	CAVSS-CO-RL0-LED-80-500-40-4FT-UNV-OHC
A2	LED	4" LONG SURFACE MOUNT LINEAR LED, 0-10V DIMMING	32	4000K	3,000	L80=60,000	WHITE	CEILING SURFACE	LUMENWERX	CAVSS-CO-RL0-LED-80-750-40-4FT-UNV-OHC
B	LED	4" LONG RECESSED LINEAR LED, 0-10V DIMMING, DRYWALL TRIM	12	4000K	1,400	L80=60,000	WHITE	CEILING RECESSED	LUMENWERX	CAVR-RL0-LED-80-350-40-4FT-UNV-DTR
B1	LED	4" LONG RECESSED LINEAR LED, 0-10V DIMMING, DRYWALL TRIM	17	4000K	2,000	L80=60,000	WHITE	CEILING RECESSED	LUMENWERX	CAVR-RL0-LED-80-500-40-4FT-UNV-DTR
B2	LED	4" LONG RECESSED LINEAR LED, 0-10V DIMMING, DRYWALL TRIM	25	4000K	3,000	L80=60,000	WHITE	CEILING RECESSED	LUMENWERX	CAVR-RL0-LED-80-750-40-4FT-UNV-DTR
C	LED	4" DIAMETER DIRECT CYLINDER PENDANT, 0-10V DIMMING, SEMI-SPECULAR REFLECTOR, 90° FLOOD	14	4000K	1,110	L80=60,000	BLACK	PENDANT 16" FROM ROOF DECK	LUMENWERX	AE4SEALCYP-D-STR-BIN-FIMBE-BVLG-FSSPC-SW-90DEG-25TP-80CRI-40K-LFLD-UNV-14W-D1-1C-FLR-FIMBE-BKES16IN
C1	LED	4" DIAMETER DIRECT CYLINDER PENDANT, 0-10V DIMMING, SEMI-SPECULAR REFLECTOR, 90° FLOOD	28	4000K	2,080	L90=55,000	BLACK	PENDANT 16" FROM ROOF DECK	LUMENWERX	AE4SEALCYP-D-STR-BIN-FIMBE-BVLG-FSSPC-SW-90DEG-25TP-80CRI-40K-LFLD-UNV-28W-D1-1C-FLR-FIMBE-BKES16IN
D	LED	4" LONG LED STRIP LIGHT, CURVE FROSTED ACRYLIC LENS	32	4000K	4,614	L80=60,000	WHITE	SURFACE MOUNTED	COLUMBIA	MPS4-40ML-CW-EU
EM	LED	EMERGENCY EGRESS LUMINAIRE, NICKEL METAL HYDROGE BATTERY, SELF-DIAGNOSTICS	(2) 1W			L70=100,000	WHITE	WALL SURFACE, +8'-0" AFF	DUAL-LITE	EV2I
XW	INCLUDED	EXIT/EGRESS COMBO SIGN WITH 4" LETTERS, HIGH IMPACT THERMOPLASTIC, HIGH INTENSITY LED LIGHT SOURCE, LITHIUM IRON PHOSPHATE BATTERY, UNIVERSAL MOUNTING FOR CEILING/WALL OR SINGLE/DOUBLE FACE	5				WHITE	WALL SURFACE ABOVE DOOR/WINDOW OR +7'-6" AFF	DUAL-LITE	EVOURW



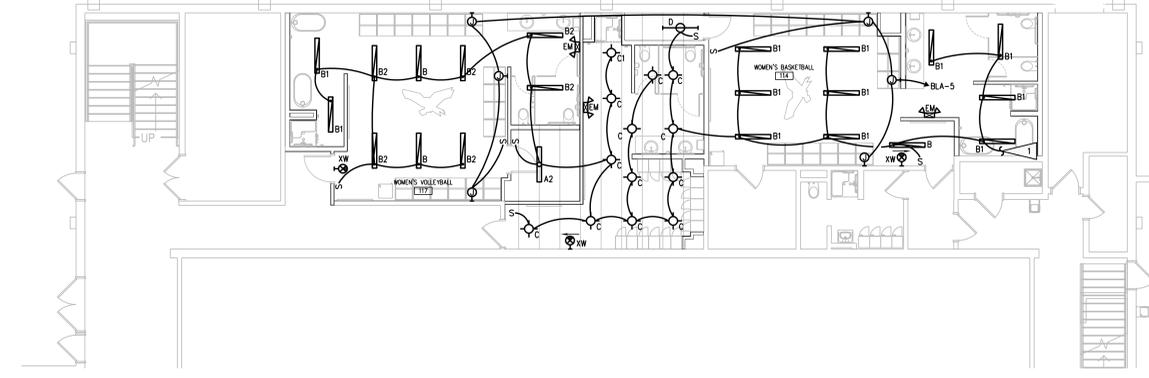
WOMEN'S LOCKER ROOM - BASE BID - LIGHTING RENOVATION PLAN

1/8" = 1'-0" 03



MEN'S LOCKER ROOM - ALTERNATE #3 - LIGHTING RENOVATION PLAN

1/8" = 1'-0" 02

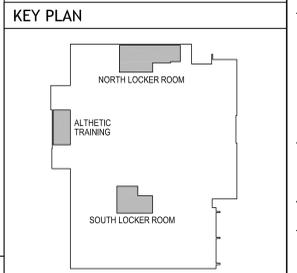


WOMEN'S LOCKER ROOM - ALTERNATE #1 - LIGHTING RENOVATION PLAN

1/8" = 1'-0" 01

- GENERAL NOTES**
- SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
 - ELECTRICAL INSTALLATIONS SHALL COMPLY WITH CURRENT ADOPTED NEC, STATE AND LOCAL CODES.
 - INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
 - CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
 - DEVICE LOCATIONS ARE SHOWN DIAGRAMMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
 - ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING.
 - CONNECT NEW EXIT/EGRESS LIGHT FIXTURES TO UNSWITCHED LIGHTING CIRCUIT IN SAME ROOM.

- FLAG NOTES**
- CONNECT NEW LIGHTING CIRCUIT NOTED EXISTING NORTH LOCKER ROOM LIGHTING CIRCUIT AHS-4.
 - RECONNECT RELOCATED EXISTING LIGHT FIXTURES TO EXISTING SWITCHED LIGHTING CIRCUIT IN SAME ROOM.
 - LOCKER NAMEPLATE LIGHTS PROVIDED BY LOCKER MANUFACTURER, CONNECT AS DIRECTED BY MANUFACTURER TO CIRCUIT SHOWN VIA WALL SWITCH.



MECHANICAL EQUIPMENT SCHEDULE									
KEY	ITEM	LOAD	VOLTS	Φ	CONDUIT	WIRING	BRKR	CIRCUIT NUMBER	NOTES
EF-1	EXHAUST FAN - 1	1/2 HP	120	1	1/2"	2#10+#10 GND	30/1	BLA-6	FACTORY PROVIDED DISCONNECT
EH-1	EXHAUST FAN - 2	1/4 HP	120	1	1/2"	2#10+#10 GND	30/1	BLA-6	FACTORY PROVIDED DISCONNECT
SP-1	SUMP PUMP - 1	1/3 HP	120	1	1/2"	2#12+#12 GND	20/1	BLA-8	PROVIDE NEMA 5-20R GFCI, VERIFY LOCATION WITH MC PRIOR TO INSTALLATION

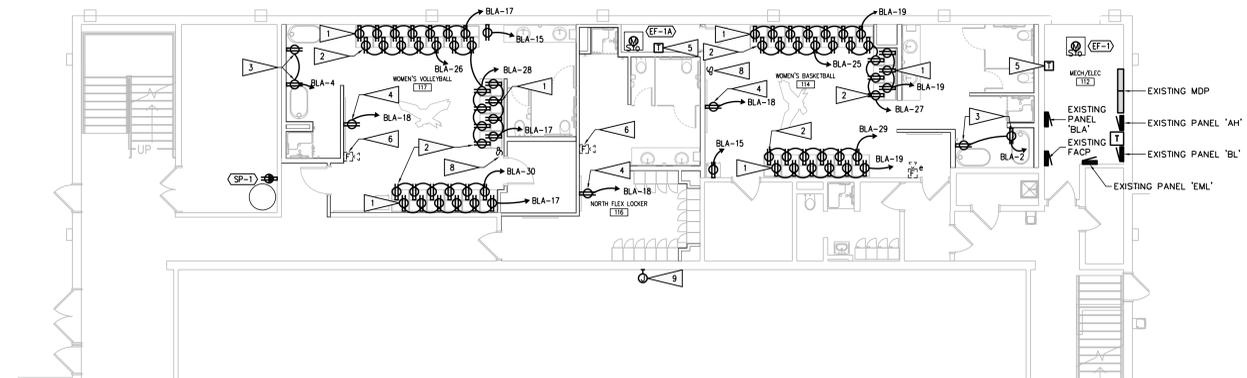
GENERAL NOTES

- SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
- ELECTRICAL INSTALLATIONS SHALL COMPLY WITH CURRENT ADOPTED NEC, STATE AND LOCAL CODES.
- INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
- CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
- DEVICE LOCATIONS ARE SHOWN DIAGRAMMATICALLY, EC IS RESPONSIBLE FOR FINAL DEVICE LOCATIONS, COORDINATED WITH ALL ROOM INTERFERENCES.
- ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING.

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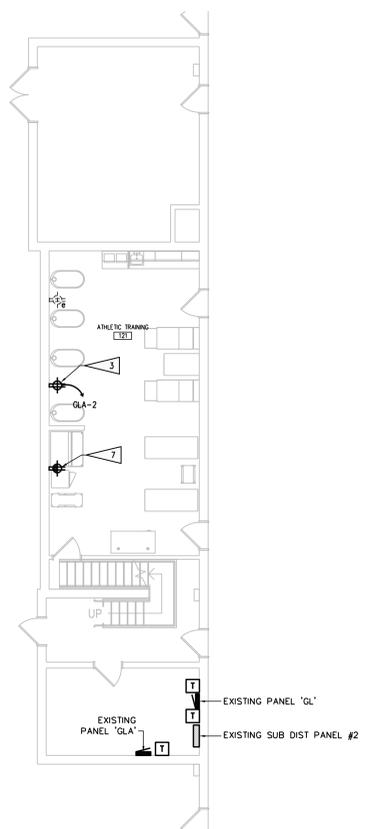
FLAG NOTES

- NEW LOCKER RECEPTACLE FOR LOCKER SHOE DRAWER FAN BY LOCKER MANUFACTURER. CONNECT TO CIRCUIT SHOWN. VERIFY INSTALLATION REQUIREMENTS WITH LOCKER MANUFACTURER. TYPICAL OF ALL LOCKERS. CONNECT VIA SWITCH SEE FLAG NOTE 8.
- NEW LOCKER RECEPTACLE BY LOCKER MANUFACTURER. CONNECT TO CIRCUIT SHOWN. VERIFY INSTALLATION REQUIREMENTS WITH LOCKER MANUFACTURER. TYPICAL OF ALL LOCKERS.
- INSTALL RECEPTACLE NOTED FOR NEW WHIRLPOOL AT 48" AFF. VERIFY LOCATION WITH OWNER PRIOR TO INSTALLATION.
- NEW DAKTRONICS CLOCK DISPLAY BY OWNER. INSTALL RECEPTACLE NOTED IN WALL BEHIND DISPLAY AS DIRECTED BY MANUFACTURER. INSTALL W-1234 SIGNAL CABLE FROM BACK OF DISPLAY TO RADIO RECEIVER LOCATED IN OJM PER MANUFACTURER. INSTALL CABLE IN 1/2" CONDUIT. SEE ARCHITECTURAL DRAWINGS FOR DISPLAY LOCATIONS.
- NEW TRANSFORMERS FOR TOILET FLUSH VALVES BY MC. CONNECT TO EXISTING FLUSH VALVE TRANSFORMER CIRCUIT. VERIFY REQUIREMENTS AND LOCATIONS WITH MC.
- RELOCATED FIRE ALARM HORN/STROBE. RECONNECT TO EXISTING FIRE ALARM CIRCUIT.
- NEW ICE MAKER RECEPTACLE. CONNECT TO EXISTING ICE MAKER RECEPTACLE CIRCUIT. INSTALL AT 48" AFF.
- PROVIDE PILOT LIGHT SWITCH TO CONTROL CIRCUIT FOR LOCKER SHOE DRAWER FANS.
- CLOCK DISPLAY RADIO RECEIVER PROVIDED BY OWNER. LOCATE IN DIRECT LINE SIGHT OF THE CLOCK CONTROLLER PER MANUFACTURER'S DIRECTIONS. COORDINATE WITH OWNER.



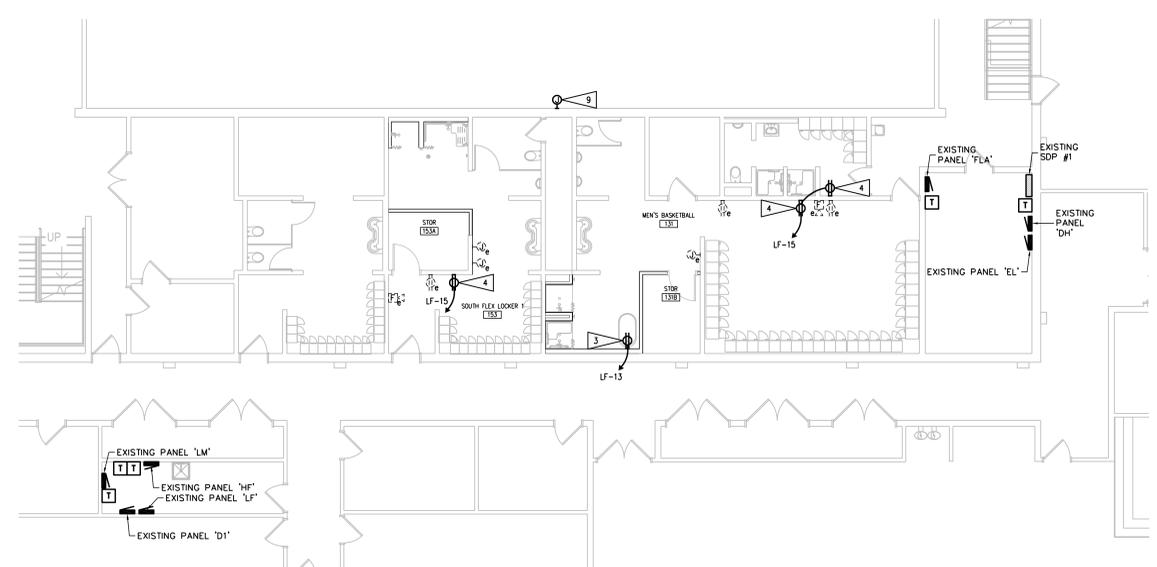
WOMEN'S LOCKER ROOM - BASE BID - POWER RENOVATION PLAN

1/8" = 1'-0" 03



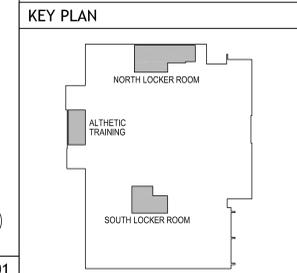
ATHLETIC TRAINING ROOM - ALTERNATE #2 - POWER RENOVATION PLAN

1/8" = 1'-0" 02



MEN'S LOCKER ROOM - ALTERNATE #3 - POWER RENOVATION PLAN

1/8" = 1'-0" 01



CASPER COLLEGE LOCKER ROOMS
 1944 LISCO DR, CASPER, WY 82601

ENGINEERING
 DESIGN ASSOCIATES
 1607 CV AVE, STE 303 // CASPER, WY 82404
 307-244-9333 // MAIL@EDAENGINEERING.COM



ADDENDUM #3	03/12/2020
REVISION	DATE
PERMIT DOCUMENTS	
Project Number	24108.0025119
Date	02/13/2025
Drawn By	KN
Checked By	MNS
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Sheet Name
ELECTRICAL RENOVATION PLAN - POWER

E-401

ELECTRICAL SPECIFICATIONS

DRAWINGS AND MEASUREMENTS: THE DRAWINGS ARE NOT INTENDED TO BE SCALED FOR DIMENSIONS NOR TO BE USED AS SHOP DRAWINGS. THE CONTRACTOR SHALL CONSULT EXISTING CONDITIONS AND EQUIPMENT DRAWINGS FOR DIMENSIONS, OBSTRUCTIONS AND LOCATIONS OF EQUIPMENT. PANELS, CABINETS, AND SPECIAL EQUIPMENT ARE SHOWN ON THE DRAWINGS ONLY IN A SCHEMATIC MANNER AND NOT NECESSARILY IN THEIR SPECIFIC LOCATION. COORDINATE WITH GENERAL CONTRACTOR.

ORDINANCES, PERMITS, AND CODES: ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE CITY ELECTRICAL ORDINANCES, OSHA, STATE ELECTRICAL LAWS AND STATUTES AND NATIONAL ELECTRICAL CODE (NEC) AND BE SUBJECT TO THE INSPECTION OF THESE DEPARTMENTS. ALL FEES, PERMITS, LICENSES, ETC., NECESSARY IN ORDER TO COMPLETE THE WORK OF THIS SECTION SHALL BE PAID BY THIS CONTRACTOR.

WORKMANSHIP: THE INSTALLATION WORK INCLUDED IN THIS SPECIFICATION SHALL BE PERFORMED IN A NEAT WORKMANLIKE MANNER BY MEN EXPERIENCED AND SKILLED IN THE ELECTRICAL TRADE. ONLY THE BEST QUALITY WORKMANSHIP WILL BE ACCEPTED. ALL EXPOSED PARTS OF THE ELECTRICAL WIRING SYSTEMS SUCH AS EXPOSED CONDUITS, FLUSH PLATES, CABINET TRIM, FIXTURES, ETC., SHALL BE SQUARE AND TRUE WITH THE BUILDING CONSTRUCTION.

SHOP DRAWINGS: SHOP DRAWINGS MUST BE SUBMITTED FOR ALL MATERIALS AND EQUIPMENT UNLESS OTHERWISE STATED. NO SHOP DRAWINGS ARE REQUIRED FOR CONDUIT AND WIRE. SHOP DRAWINGS MUST FIRST BE CHECKED BY THE CONTRACTOR FOR SPACE CONFORMANCE AND FOR PERFORMANCE CHARACTERISTICS ESTABLISHED BY PLANS AND/OR SPECIFICATION, AND SO STAMPED. CONTRACTOR'S STAMP SHALL INCLUDE NAME AND ADDRESS OF CONTRACTOR. ITEM(S) HAS (HAVE) BEEN CHECKED FOR COMPLIANCE WITH SPECIFIC REQUIREMENTS AND SPACE LIMITATIONS AND WILL MEET THESE CONDITIONS. CHECKED BY: DATE. SHOP DRAWINGS NOT STAMPED AS SPECIFIED WILL BE RETURNED TO THE CONTRACTOR WITHOUT ACTION.

OPERATING AND MAINTENANCE INSTRUCTIONS: PREPARE AN ELECTRONIC PORTFOLIO WITH A COMPLETE SET OF EQUIPMENT SHOP DRAWINGS USED IN THE INSTALLATION OF THE ELECTRICAL SYSTEM. PROVIDE TESTING, CLEANING, AND MAINTENANCE INSTRUCTION LIST OF MATERIALS FOR MAINTENANCE, PARTS LISTS, WIRING DIAGRAMS, CONTROL DIAGRAMS, NATIONAL REPORTS AND NAME AND ADDRESS OF THE AUTHORIZED SERVICE ORGANIZATION. ALSO INCLUDE ONE SET OF AS-BUILT DRAWINGS. INFORMATION SHALL BE SUBMITTED IN ELECTRONIC FORMAT WITH BOOKMARKS SEPARATING EACH SECTION. ALL MATERIAL SHALL BE PROPERLY IDENTIFIED WITH JOB NAME, DATE, AND NAME AND ADDRESS OF CONTRACTOR, ARCHITECT, AND ENGINEER. PORTFOLIO SHALL BE SUBMITTED TO THE A/E FOR REVIEW OF MATERIAL AND COMPLETENESS TWO WEEKS PRIOR TO THE FINAL INSPECTION, AND WHEN APPROVED BY THE ENGINEER, PORTFOLIO WILL BE TURNED OVER TO THE OWNER. CONTRACTOR SHALL INSTRUCT OWNER'S PERSONNEL IN THE OPERATION, CONTROL, AND MAINTENANCE OF ALL EQUIPMENT AND SYSTEMS.

AS-BUILT DRAWINGS: DURING CONSTRUCTION, EACH TRADE SHALL KEEP TRACK OF THE MAJOR CHANGES IN AND REROUTING OF CONDUIT AND EQUIPMENT, AND SHALL NOTE THESE IN RED ON ONE SET OF DRAWINGS. THIS SET OF DRAWINGS SHALL BE SUBMITTED WITH THE OPERATION AND MAINTENANCE MANUALS NEAR THE COMPLETION OF THIS PROJECT.

WARRANTY: THIS CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DEFECTS WHICH MAY DEVELOP IN ANY PART OF HIS WORK CAUSED BY FAULTY WORKMANSHIP, MATERIAL OR EQUIPMENT, AND AGREES TO REPLACE, REPAIR, OR ALTER, AT HIS EXPENSE, ANY MATERIAL OR EQUIPMENT WORKMANSHIP, MATERIAL OR EQUIPMENT THAT HAS BEEN BROUGHT TO HIS ATTENTION DURING A PERIOD OF ONE YEAR FROM THE DATE OF THE FINAL CERTIFICATE FOR PAYMENT. ACCEPTANCE OF THE WORK SHALL NOT WAIVE THIS GUARANTEE.

QUALITY ASSURANCE: ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF BEST QUALITY, OF THE TYPE BEST SUITED FOR THE PURPOSE INTENDED, AND BE MADE BY NATIONALLY RECOGNIZED AND SUBSTANTIALLY ESTABLISHED MANUFACTURERS. ALL ELECTRICAL MATERIALS USED IN THIS WORK SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES, INC., WHERE TESTING IS PROVIDED AND SHALL BEAR THEIR LABEL.

REMODELING WORK: THIS CONTRACTOR SHALL VISIT EXISTING BUILDING BEFORE STARTING THE PROJECT AND BECOME FAMILIAR WITH EXISTING CONDITIONS. WIRING IN EXISTING BUILDING SHALL REMAIN AS IS EXCEPT AS NOTED ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL UNUSED WIRES AND UNUSED CONDUIT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW PANEL SCHEDULES FOR ALL EXISTING PANELS THAT HAVE CIRCUITS MODIFIED OR ADDED AS A PART OF THIS PROJECT.

CUTTING AND PATCHING: IN EXISTING CONSTRUCTION THIS CONTRACTOR SHALL PERFORM ALL CUTTING REQUIRED AND ALL NECESSARY PATCHING AFTER COMPLETION TO RESTORE THE SURFACE TO ITS ORIGINAL CONDITION, UNLESS OTHERWISE INDICATED. THIS CONTRACTOR SHALL NOT ENDANGER THE STABILITY OF THE STRUCTURE BY CUTTING OR DIGGING.

EQUIPMENT IDENTIFICATION AND CLEANUP: ALL ELECTRICAL EQUIPMENT SHALL BE PROVIDED WITH IDENTIFICATION INDICATING ITS USE OR FUNCTION. EQUIPMENT TO BE IDENTIFIED SHALL INCLUDE PANELBOARDS, SPECIAL PANELS, MOTOR STARTERS, SPECIAL CONTROL SWITCHES, SPECIAL RECEPTACLES, JUNCTION BOXES AND EMPTY CONDUITS PROVIDED FOR FUTURE USE. ALL ELECTRICAL EQUIPMENT MUST BE KEPT COMPLETELY PROTECTED FROM WEATHER ELEMENTS, PAINTING, ETC. UNTIL THE BUILDING IS SUBSTANTIALLY COMPLETED. DAMAGE FROM RUST, PAINT, SCRATCHES, ETC., SHALL BE CORRECTED AS DIRECTED BY THE A/E.

RACEWAY: ALL WIRING SHALL BE INSTALLED IN RACEWAY; RIGID METAL CONDUIT, ELECTRICAL METALLIC TUBING, FLEXIBLE METAL CONDUIT, OR PVC. HEAVY WALL GALVANIZED STEEL OR INTERMEDIATE STEEL CONDUIT SHALL BE USED IN ALL RUNS WHERE REQUIRED FOR MECHANICAL PROTECTION. EMT MAY BE USED IN FURRED CEILING AREAS, INTERIOR PARTITIONS, AND SURFACE MOUNTED IN EQUIPMENT ROOMS. EMT SHALL NOT BE USED IN SLAB ON GRADE OR WHERE EXPOSED TO MOISTURE OR EARTH. ALL EXTERIOR CONDUIT EXPOSED ABOVE GROUND SHALL BE RIGID STEEL OR INTERMEDIATE METAL CONDUIT.

RACEWAY FITTINGS: ON ALL CONDUIT SYSTEMS THE CONNECTOR FITTING SHALL BE OF THE INSULATED THROAT TYPE. WHERE RIGID CONDUIT IS CONNECTED TO A THREADED BOX, DOUBLE LOCKNUT METHOD SHALL BE USED. ALL CONDUIT FITTINGS SHALL BE OF STEEL CONSTRUCTION. MALLEABLE IRON FITTINGS SHALL NOT BE USED ON ANY CONDUITS. INDENTER FITTINGS SHALL NOT BE USED FOR EMT. SET SCREW FITTINGS MAY BE USED FOR EMT IN DRY LOCATIONS.

RACEWAY INSTALLATIONS: CONDUITS SHALL BE SIZED AS NOTED OR AS REQUIRED BY NEC FOR NUMBER AND SIZE OF CONDUCTORS INSTALLED EXCEPT THAT 3/4 INCH SHALL BE MINIMUM SIZE FOR BRANCH CIRCUIT HOMERUNS. ALL CONDUIT AND RACEWAYS SHALL BE SECURELY POSITIONED BY GALVANIZED STEEL STRAPS, CLAMPS, AND HANGERS WITH SUITABLE FASTENERS. CADDY FASTENERS AS MANUFACTURED BY ERICO PRODUCTS ARE ACCEPTABLE SUPPORT DEVICES WHERE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. EXPOSED CONDUITS SHALL BE RUN PARALLEL TO AND AT RIGHT ANGLES TO CONSTRUCTION LINES AND NEATLY GROUPED AND SUPPORTED WITH APPROVED CONDUIT HANGERS OR CHANNEL SUPPORTS. UNDERGROUND CONDUIT SHALL BE RUN POINT-TO-POINT.

GROUNDING AND BONDING: PROVIDE A SEPARATE, INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR FOR ALL NEW FEEDERS, RECEPTACLES, LIGHTING, AND SPECIAL EQUIPMENT CONNECTIONS. WHERE GROUND CONDUCTORS ARE REQUIRED, CONDUIT SIZES SHALL BE INCREASED AS NECESSARY TO MEET THE NEC CONDUIT FILL REQUIREMENTS. PROVIDE BONDING OF ALL RACEWAYS 2" AND LARGER; PIPE, DUCT, AND OTHER METAL OBJECTS ENTERING EQUIPMENT ENCLOSURES. USE BARE COPPER CONDUCTOR, SIZED PER NEC REQUIREMENTS. TERMINATE EACH END OF A GROUNDING OR BONDING CONDUCTOR ON A SUITABLE LUG, BUS, OR BUSHING.

WIRE AND CABLE: ALL WIRE AND CABLE FOR FEEDER AND BRANCH CIRCUITS SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT EDITION OF THE NEC AND SHALL MEET ALL RELEVANT ASTM SPECIFICATIONS. CONDUCTORS SHALL BE 600 VOLT RATED, COATED SOFT-DRAWN COPPER AND UNSOFT-DRAWN COPPER AND UNLESS OTHERWISE NOTED, SHALL HAVE TYPE THIN OR THIN INSULATION. ALUMINUM CONDUCTORS SHALL NOT BE USED. ALL 120V CIRCUITS SHALL BE PROVIDED WITH SEPARATE, DEDICATED NEUTRAL CONDUCTORS. CONTRACTOR SHALL INCREASE CONDUIT SIZE AS REQUIRED TO MEET NEC CONDUIT FILL REQUIREMENTS.

CONNECTIONS TO SPECIAL EQUIPMENT: SPECIAL EQUIPMENT IS HEREBY DEFINED AS ALL EQUIPMENT THAT IS NOT SPECIFIED UNDER THIS CONTRACT, BUT REQUIRES CONNECTIONS BY THIS CONTRACTOR, AS INDICATED ON THE DRAWINGS. SUCH CONNECTIONS SHALL BE PERFORMED BY THIS CONTRACTOR. THIS CONTRACTOR SHALL VERIFY THE LOCATIONS OF SUCH CONNECTION BY SECURING FROM THE EQUIPMENT SUPPLIER'S DRAWINGS, DETAIL DRAWINGS AND ROUTING IN MEASUREMENTS. UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING SUCH EQUIPMENT IS ALSO RESPONSIBLE FOR SETTING THE EQUIPMENT IN PLACE.

PULL BOXES AND JUNCTION BOXES: PULL BOXES AND JUNCTION BOXES ARE GENERALLY NOT INDICATED ON DRAWINGS EXCEPT FOR SPECIAL REQUIREMENTS. THIS CONTRACTOR SHALL INSTALL PULL BOXES OR JUNCTION BOXES AS REQUIRED TO FACILITATE WIRE PULLING. PULL BOXES AND JUNCTION BOXES SHALL BE GALVANIZED CODE GAUGE STEEL WITH REMOVABLE OR HINGED COVERS AND SHALL BE SIZED AS REQUIRED. PULL BOXES AND JUNCTION BOXES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS AND SHALL NOT BE INSTALLED IN FINISHED SPACES.

OUTLET BOXES: OUTLET BOXES SHALL BE AT LEAST 1-1/2 INCHES DEEP. DEEP OR GANG STYLE TYPE OF SIZE TO ACCOMMODATE DEVICES NOTED. OUTLET BOXES ON EXPOSED CONDUIT RUNS IN UNFINISHED AREAS AND EQUIPMENT ROOMS SHALL BE 4 INCH SQUARE. ALL OUTLET BOXES SHALL BE CONCEALED EXCEPT WHERE SHOWN OR NOTED OTHERWISE. THIS CONTRACTOR SHALL VERIFY TYPE AND DEPTH OF FINISHED SURFACE SO THAT OUTLET WILL BE FLUSH.

SAFETY SWITCHES: SHALL BE HEAVY DUTY 250 VOLT, QUICK-MAKE, QUICK-BREAK OPERATION, HORSEPOWER RATED, SERVICE ENTRANCE RATED, NEMA-1 ENCLOSURE FUSED UNLESS NOTED NON-FUSED, AND OF THE SIZE SHOWN ON THE DRAWINGS OR AS REQUIRED BY CODE. SAFETY SWITCHES SHALL BE OF THE SAME MANUFACTURE AS PANELBOARDS AND WHERE SHOWN AS WEATHERPROOF SHALL HAVE A NEMA 3R ENCLOSURE.

FUSES: ALL MOTORS SHALL BE PROTECTED BY DUAL-ELEMENT FUSES ABLE TO CARRY 500% OF RATING FOR A MINIMUM OF 10 SECONDS, AND SIZED AT 125% OF THE ACTUAL NAME PLATE AMPERE RATING. FUSES SHALL BE BUSSMAN-FUSETRON, FRN (250V), OR EQUAL.

MOTOR AND EQUIPMENT WIRING: THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL MOTOR STARTERS EXCEPT IN PACKAGE OR PREWIRED UNITS AS SHOWN ON DRAWINGS. ALL MOTORS WILL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR, BUT SHALL BE CONNECTED BY THE ELECTRICAL CONTRACTOR. SINGLE PHASE FRACTIONAL HORSEPOWER MOTORS SHALL HAVE MANUAL THERMAL ELEMENT STARTERS. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL MOTORS HAVE THE PROPER THERMAL OVERLOAD PROTECTION. ALL STARTERS FOR SINGLE-PHASE MOTORS NOT REQUIRING OVERLOAD PROTECTION SHALL BE SIERRA SERIES NO. 5011. ALL STARTERS REQUIRING OVERLOAD PROTECTION SHALL BE SQUARE D, CLASS 2510, OR EQUAL, NEMA 1.

WIRING DEVICES: SWITCH OUTLET - 20A, 120/277V, HUBBELL #121 SERIES OR EQUIVALENT, WHITE. RECEPTACLE OUTLET - 20A, 120V, 2 WIRE GROUNDING, "TRUG TAIL", PASS & SEWOUR #RTS322A-W, WHITE. GROUND FAULT RECEPTACLE OUTLET - 20A, 120V, 2 WIRE GROUNDING, WHITE, HUBBELL #HBL5362GF OR EQUIVALENT. OUTLET PLATES - FINISHED AREAS SHALL HAVE STAINLESS STEEL, TYPE 302 COVERPLATES.

LIGHTING FIXTURES: PROVIDE LIGHTING FIXTURES AND DRIVERS AS SCHEDULED ON THE DRAWINGS. ALL LIGHT FIXTURES SHALL BE DLC LISTED OR ACCEPTED BY ROCKY MOUNTAIN POWER'S INCENTIVE PROGRAM. CONTRACTOR IS RESPONSIBLE AND SHALL COORDINATE WITH OWNER & ROCKY MOUNTAIN POWER TO PROVIDE ALL NECESSARY DOCUMENTATION FOR OWNER TO RECEIVE ALL AVAILABLE LIGHTING INCENTIVES.

TEMPERATURE CONTROL EQUIPMENT: FURNISH AND INSTALL CONDUIT, WIRE AND CONNECTIONS FOR TEMPERATURE CONTROL EQUIPMENT AS INDICATED. ALL THERMOSTATS WILL BE FURNISHED TO THIS CONTRACTOR FOR ROUGH-IN AND INSTALLATION. THIS CONTRACTOR SHALL COORDINATE ALL TEMPERATURE CONTROL REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ANY ROUGH-IN WORK.

EXISTING PANEL 'BLA'																		
MAIN : 100A MCB										PHASES: 3								
VOLTS: 120/208										WIRE: 4								
AIC RATING: 10,000										LOCATION: ELEC 118								
MOUNTING: SURFACE										NEMA: 1								
CKT	LOAD	LOAD TYPE	LOAD	WIRE SIZE	BRKR AMP	POLE	A	B	C	POLE	BRKR AMP	WIRE SIZE	LOAD TYPE	LOAD	CKT			
1	*HAND DRIVER RM 115			#10	30	1	1440				20	GFCI	#12	1440	M	+WOMEN'S BB WHIRLPOOL	2	
3	*RT-4 & P-10			#12	20	1		1440			1	20	GFCI	#12	1440	M	+WOMEN'S VB WHIRLPOOLS	4
5	+WOMEN'S LOCKER LIGHTS	L	396	#12	20	1			2268		1	30	#10	1872	M	-EXHAUST FAN-1 AND 1A	6	
7	*GYM CURTAIN/ GYM LT RLY			#12	20	1	864				1	20	#12	864	M	+SLIMP PUMP-1	8	
9	*CONCESSION ICE MACH			#12	20	1		0			1	30	#10				SPARE	10
11	*SELF-SERVE PEPSI MACHINE			#12	20	2			0		1	20	#12				*LOBBY POP MACHINE	12
13	*CONCESSION FRIDGE			#12	20	2		0			1	20	#12				UNKNOWN	14
15	+LOCKER ROOM FRIDGES	M	1000	#12	20	GFCI	1		1000		1	20	#12				*UNKNOWN	16
17	+WOMEN'S BB LOCKER FANS	M	119	#12	20	GFCI	1		119		1	20	#12				-LOCKER RM DIGITAL CLOCKS	18
19	+WOMEN'S BB LOCKER FANS	R	112	#12	20	GFCI	1	112			2	40	#8				*NORTH BLEACHERS	20
21	*NORTH BLEACHERS			#8	40	2		0			2	40	#9				*NORTH BLEACHERS	22
23	*NORTH BLEACHERS			#8	40	2			0		1	20	#12				*NW PUMP COIL	24
25	+WOMEN'S BB LOCKER RCPTS	R	900	#12	20	GFCI	1	1800			1	20	GFCI	#12	900	R	+WOMEN'S VB LOCKER RCPTS	26
27	+WOMEN'S BB LOCKER RCPTS	R	900	#12	20	GFCI	1	1800			1	20	GFCI	#12	1080	R	+WOMEN'S VB LOCKER RCPTS	28
29	+WOMEN'S BB LOCKER RCPTS	R	1080	#12	20	GFCI	1				2	20	GFCI	#12	1080	R	+WOMEN'S VB LOCKER RCPTS	30
LOAD										DEMAND (VA)				CONNECTED PHASE VA				
R=RECEPTACLE										6052				6052				
L=LIGHTING										396				495				
M=MECHANICAL										6735				6735				
K=KITCHEN										0				0				
LARGEST MOTOR										0				0				
										MINIMUM FEEDER AMPACITY				37				
										TOTAL CONNECTED (VA)				13183				
										TOTAL DEMAND (VA)				13282				

EXISTING PANEL 'GLA'																		
MAIN : 100A MCB										PHASES: 3								
VOLTS: 120/208										WIRE: 4								
AIC RATING: 30,000										LOCATION: STOR 140								
MOUNTING: SURFACE										NEMA: 1								
CKT	LOAD	LOAD TYPE	LOAD	WIRE SIZE	BRKR AMP	POLE	A	B	C	POLE	BRKR AMP	WIRE SIZE	LOAD TYPE	LOAD	CKT			
1	*WHIRLPOOL			#12	20	1	1440				20	GFCI	#12	1440	M	+TRAINERS WHIRLPOOLS	2	
3	*FUTURE WHIRLPOOL			#12	20	1		0			1	30	#10				*HAND DRIVER RM 148	4
5	*TRAINING RCPTS			#12	20	1		0	0		1	30	#10				*HAND DRIVER RM 156	6
7	*TRAINING RCPTS			#12	20	1	0				1	30	#10				*HAND DRIVER RM 160	8
9	*TEAM RM RCPTS			#12	20	1		0			1	20	#12				*SPARE RM 141	10
11	*WEST GYM RCPTS & OUTSIDE LT			#12	20	1		0	0		1	25	#12				SPARE	12
13	*S LOCKER RM RCPTS			#12	20	1	0				1	25	#12				*BOLLER #2	14
15	*S BLEACHER RCPTS/SCORER'S TBL			#12	20	1		0			1	25	#12				*BOLLER #3	16
17	*PUMP-1			#12	20	1		0			1	25	#12				*BOLLER #4	18
19	*HAND DRIVERS RM 130			#12	20	1		0			1	25	#12				*EF-B & RCPTS	20
21	*PUMP-7			#12	20	1		0			1	20	#12				*AMP & RCPTS	22
23	*A/C UNIT STOR 140			#12	20	1		0	0		1	20	#12				*PHONE RCPT	24
25	UNKNOWN			#12	20	1		0			1	20/20	#12				*JOHNSON CONTROL & AMP RCPT	26
27	*AMP RCPT			#12	20	1		0			2	30	#10				*TT RCPT	28
29	*AMP RCPT			#12	20	1		0			2	30	#10				*TT RCPT	30
LOAD										CONNECTED (VA)				DEMAND (VA)				
R=RECEPTACLE										0				0				
L=LIGHTING										0				0				
M=MECHANICAL										1440				1440				
K=KITCHEN										0				0				
LARGEST MOTOR										0				0				
										MINIMUM FEEDER AMPACITY				4				
										TOTAL CONNECTED (VA)				1440				
										TOTAL DEMAND (VA)				1440				

EXISTING PANEL 'LF'																		
MAIN : 100A MCB										PHASES: 3								
VOLTS: 120/208										WIRE: 4								
AIC RATING: 30,000										LOCATION: STOR 140								
MOUNTING: SURFACE										NEMA: 1								
CKT	LOAD	LOAD TYPE	LOAD	WIRE SIZE	BRKR AMP	POLE	A	B	C	POLE	BRKR AMP	WIRE SIZE	LOAD TYPE	LOAD	CKT			
1	*RCPTS RM 163B			#12	20	1	0				1	20	#12			*RCPTS RM 163A	2	
3	*RCPTS RM 163A			#12	20	1		0			1	20	#12			*RCPTS RM 160,162	4	
5	*RCPTS EWC			#12	20	1			0		1	20	#12			*RCPTS RM 160,161	6	
7	*RCPTS EWC			#12	20	1	0				1	20	#12				*EXERCISE EQUIPMENT	8
9	*RCPTS RM 157, 158			#12	20	1		0			1	20	#12				*EXERCISE EQUIPMENT	10
11	*RCPT & TEMP			#12	20	1			0		1	20	#12				*EXERCISE EQUIPMENT	12
13	*WHIRLPOOL	M	720	#12	20	GFCI	1	720			1	20	#12				*EXERCISE EQUIPMENT	14
15	-TIME CLOCKS IN S LOCKER RMS	R	120	#12	20	1		120			1	20	#12				*EXERCISE EQUIPMENT	16
17	SPARE			#12	20	1			0		1	20	#12				*EXERCISE EQUIPMENT	18
19	SPARE			#12	20	1	0				1	20	#12				*EXERCISE EQUIPMENT	20
21	SPARE			#12	20	1	0				1	20	#12				*EXERCISE EQUIPMENT	22
23	SPARE			#12	20	1		0			1	20	#12				*EXERCISE EQUIPMENT	24
25	SPARE			#12	20	1		0			0	1	20	#12			*EXERCISE EQUIPMENT	26
27	SPARE			#12	20	1	0				1	20	#12				*EXERCISE EQUIPMENT	28
29	SPARE			#12	20	1		0			1	20	#12				*EXERCISE EQUIPMENT	30
31	SPARE			#12	20	1			0		1	20	#12				*RCPTS	32
33	*TIME CLOCK			#12	20	1												