

Greenville
NORTH CAROLINA



**CITY OF GREENVILLE
RECREATION AND PARKS**

**GREENVILLE AQUATICS AND FITNESS CENTER
FAMILY RESTROOM ADDITION**

GREENVILLE, NC

The East Group Project No. 20210180

CONSTRUCTION DOCUMENTS

November 9, 2021

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Construction Notes

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT AND NATURE OF THE WORK REQUIRED. ANY DIFFICULTIES IN COMPLYING WITH THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER PRIOR TO SUBMITTING A BID. NO CONCESSIONS WILL BE MADE ON THE CONTRACTOR'S BEHALF FOR FAILING TO VISIT THE SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, MATERIALS AND LABOR AS REQUIRED FOR A COMPLETE PROJECT UNLESS CERTAIN PORTIONS OF WORK ARE SPECIFICALLY IDENTIFIED AS "BY OTHERS," "BY OWNER," "NOT IN CONTRACT" OR SIMILAR WORDING.
3. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, ETC. AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
4. THE CONTRACTOR SHALL COMPLY WITH THE OWNER'S REQUIREMENTS (SPECIAL CLEANING PROCEDURES, DUST BARRIERS, ETC.) AND SAFETY REQUIREMENTS (TEMPORARY EXITS, FIRE WATCHES, ETC.) FOR CONSTRUCTION PROJECTS. COORDINATE WITH THE OWNER FOR EXACT REQUIREMENTS PERTAINING TO THIS PROJECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING (INCLUDING SAW-CUTTING AND CORE-DRILLING) AND PATCHING AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK. ALL PATCHING SHALL MATCH EXISTING ADJACENT FINISHES UNLESS NOTED OTHERWISE.
6. WORK TO BE PERFORMED ABOVE, BELOW, NEAR OR INSIDE OCCUPIED SPACES SHALL BE COORDINATED WITH THE OWNER AND SHALL BE PERFORMED AT THE OWNER'S CONVENIENCE. ALL OR SOME PORTIONS OF THIS WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT OR ON WEEKENDS TO MINIMIZE DISRUPTION TO THE OWNER'S NORMAL OPERATIONS.
7. SHUTDOWN OF EXISTING SYSTEMS FOR THE CONNECTION OF NEW SERVICES SHALL BE COORDINATED WITH THE OWNER AND SHALL BE PERFORMED AT THE OWNER'S CONVENIENCE. ALL OR SOME PORTIONS OF THIS WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT OR ON WEEKENDS TO MINIMIZE DISRUPTION TO THE OWNER'S NORMAL OPERATIONS.
8. IN AREAS WHERE THE EXISTING CEILINGS ARE NOT DEMOLISHED AS PART OF THIS PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING THE EXISTING CEILINGS AS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF THE WORK. SEE ENGINEERING DRAWINGS FOR WORK OUTSIDE OF THE GENERAL PROJECT LIMITS THAT MAY REQUIRE REMOVAL AND REPLACEMENT OF EXISTING CEILINGS.
9. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA AND SURROUNDING AREAS FREE FROM THE ACCUMULATION OF WASTE MATERIALS AND DEBRIS CAUSED BY THE WORK.
10. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND MEASUREMENTS PRIOR TO EXECUTION OF THE WORK. SOME OR ALL INFORMATION ABOUT EXISTING CONDITIONS SHOWN ON THE DRAWINGS MAY BE BASED SOLELY ON EXISTING RECORD DRAWINGS AND MAY OR MAY NOT HAVE BEEN VERIFIED BY THE ARCHITECT OR ENGINEER.
11. EXISTING EQUIPMENT OR ITEMS THAT ARE INDICATED TO BE REMOVED AND TURNED OVER TO THE OWNER SHALL BE REMOVED WITH DUE CARE AND DILIGENCE, CLEANED AND TURNED OVER TO THE OWNER.
12. EXISTING EQUIPMENT OR ITEMS THAT ARE INDICATED TO BE REMOVED AND REINSTALLED/RELOCATED SHALL BE REMOVED WITH DUE CARE AND DILIGENCE, INSPECTED FOR PROPER OPERATION, CLEANED AND PREPARED FOR REINSTALLATION.
13. TEMPORARY PARTITIONS SHALL BE CONSTRUCTED AS REQUIRED TO SEPARATE THE CONSTRUCTION AREA FROM OCCUPIED SPACES, WHETHER SHOWN ON THE DRAWINGS OR NOT. COORDINATE LOCATIONS OF PARTITIONS WITH THE OWNER. PARTITIONS SHALL BE CONSTRUCTED USING 3'-5 7/8" METAL STUDS AT 16" ON-CENTER WITH ONE LAYER OF 3/4" MELAMINE BOARD ON EACH SIDE. PARTITION SHALL EXTEND FROM FINISHED FLOOR TO THE UNDER SIDE OF THE CEILING UNLESS OTHERWISE DIRECTED BY THE OWNER. ALL JOINTS AND PENETRATIONS THROUGH THE PARTITION SHALL BE SEALED USING SELF-ADHESIVE TAPE. DOORS LOCATED IN TEMPORARY PARTITIONS SHALL BE HOLLOW METAL OR SOLID-CORE WOOD WITH POSITIVE-LATCHING HARDWARE AND A SELF-CLOSING DEVICE. SEE ENGINEERING DRAWINGS FOR WORK OUTSIDE OF THE GENERAL PROJECT LIMITS THAT MAY REQUIRE TEMPORARY PARTITIONS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADHESIVE TACK MATS AT ALL ENTRANCES TO THE CONSTRUCTION AREA AND FOR MONITORING THE CLEANLINESS OF THE MATS.
15. UNLESS OTHERWISE NOTED, DIMENSIONS ARE TO COLUMN CENTERLINE, FACE OF GYPSUM BOARD PARTITION, FACE OF MASONRY WALLS AND FACE OF EXISTING WALLS.
16. NEW WORK EXTENDING EXISTING CONDITIONS SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
17. ALL SOUND RATED WALLS OR PARTITIONS AND ALL CMU WALLS SHALL EXTEND TO THE UNDERSIDE OF THE STRUCTURE OR DECK ABOVE UNLESS OTHERWISE NOTED. THESE PARTITIONS SHALL BE ENTIRELY SEALED OFF WITH CLOSURE GASKETS AND/OR ACOUSTICAL SEALANT AT BOTTOM, TOP, SIDES AND ANY OTHER ABUTMENT WHERE A SOUND LEAK WOULD OTHERWISE OCCUR. ALL PENETRATIONS SUCH AS PIPING, CONDUITS, DUCTS, ETC., IN SUCH PARTITIONS SHALL BE PACKED AND SEALED ALONG THE PERIMETER OF THE PENETRATION.
18. IN THE CASE OF NON-RATED PARTITIONS, CARRY METAL STUDS AND GYPSUM BOARD TO THE UNDERSIDE OF THE STRUCTURE OR DECK UNLESS OTHERWISE NOTED.
19. THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE DOES NOT REQUIRE WOOD BLOCKING TO BE FIRE RETARDANT. THE CONTRACTOR IS TO VERIFY, PRIOR TO BIDDING OR OTHER PRICING METHOD USED FOR THE PROJECT, IF THE AUTHORITY HAVING JURISDICTION REQUIRES WOOD BLOCKING FOR THIS PROJECT TO BE FIRE RETARDANT. IF FIRE RETARDANT WOOD IS REQUIRED THE COST IS TO BE INCLUDED IN THE CONTRACT FOR CONSTRUCTION.
20. INSTALL CONTINUOUS WOOD 2 X 6 BLOCKING BETWEEN STUDS OR CONTINUOUS 16 GAUGE GALVANIZED METAL STRAPPING FOR ALL HANDRAILS, GRAB BARS, OTHER ACCESSORIES, FIXTURES, BRACKETS, OTC ITEMS AND MISCELLANEOUS SPECIALTIES UNLESS OTHERWISE NOTED.
21. FULLY GROUT CELLS IN CMU TO FACILITATE INSTALLATION OF ALL WALL MOUNTED EQUIPMENT INCLUDING, BABY CHANGING STATION.
22. DUE TO MANUFACTURER'S VARIATION WITH SIZE OF EQUIPMENT, CASEWORK, PLUMBING FIXTURES, ETC., ALL DIMENSIONS REFERRING TO THE SPACE WHERE SUCH ITEMS ARE BUILT-IN SHALL BE VERIFIED WITH THE ITEM SUPPLIED.
23. A FIRST CLASS WORK-MAN LIKE INSTALLATION IS EXPECTED OF EVERY CRAFT-TRADE.
24. CONTRACTOR SHALL VERIFY THE OWNER'S REQUIREMENTS FOR INTERIM LIFE SAFETY MEASURES AND INFECTION CONTROL TO BE ENFORCED DURING CONSTRUCTION PRIOR TO THE START OF CONSTRUCTION. ADDITIONAL INTERIM LIFE SAFETY REQUIREMENTS MAY BE INCLUDED IN THE CONSTRUCTION DOCUMENTS.
25. THE OWNER'S SAFETY PERSONNEL HAVE THE AUTHORITY TO ORDER WORK TO BE STOPPED IF, IN THEIR OPINION, VISITORS OR STAFF MEMBERS ARE BEING PLACED AT UNNECESSARY OR UNACCEPTABLE RISK OF CONSTRUCTION HAZARDS.
26. ANY CONSTRUCTION SAFETY RELATED DISCREPANCIES SHALL BE CORRECTED PRIOR TO THE OWNER'S OCCUPANCY OF THE PROJECT AREA.
27. REMOVE AND REPLACE ANY ABSORBENT MATERIAL THAT BECOMES WET, THAT CANNOT BE TOTALLY DRIED WITHIN 24 HOURS OF INCIDENT, WITH NEW MATERIALS. ABSORBENT MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, GYPSUM BOARD, INSULATION, CARPET, AND CEILING TILE.
28. THE CONTRACTOR SHALL COMPLETE THE CLEANING OF THE PROJECT AREA AS REQUIRED IN THE PROJECT MANUAL PRIOR TO TURNING THE AREA OVER TO THE OWNER.
29. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, LATEST EDITION, UNLESS A MORE STRINGENT REQUIREMENT IS INCLUDED IN THE LOCAL CODES AND/OR CONTRACT DOCUMENTS.

FINISH NOTES:

1. IN AREAS REQUIRING NEW WORK AND PATCHING, EXISTING FINISHES SHOWN IN THE FINISH SCHEDULE AND ON THE PLANS ARE TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES IMMEDIATELY CALLED TO THE ARCHITECT'S ATTENTION. ALL NEW FLOOR, BASE, WAINSCOT, WALL AND CEILING FINISHES SHALL MATCH THE EXISTING FINISHES, UNLESS OTHERWISE NOTED.
2. FOR EXISTING CEILING PATCHING, WHERE CEILING IS CUT OUT OR PORTIONS REMOVED FOR REMOVAL OF EXISTING FOR INSTALLATION OF NEW MECHANICAL, ELECTRICAL AND PLUMBING WORK, DISTURBED PORTION SHALL BE PATCHED TO MATCH THE EXISTING CEILING FINISH BY THE RESPONSIBLE TRADE AS DICTATED BY THE GENERAL REQUIREMENTS OF THE SPECIFICATIONS. UNLESS OTHERWISE NOTED, THE ENTIRE CEILING AREA IS TO BE REPAINTED WHERE CEILINGS ARE GYPSUM BOARD OR PLASTER.
3. WHERE NEW FINISHES ARE APPLIED TO EXISTING, THE EXISTING FINISHES SHALL BE REMOVED AND/OR THE EXISTING SURFACES PREPARED AS REQUIRED TO RECEIVE NEW FINISHES, UNLESS OTHERWISE NOTED. WHERE REQUIRED TO ACCOMMODATE THE NEW FINISHES, THE MECHANICAL, PLUMBING AND ELECTRICAL TRADES SHALL DISCONNECT AND REMOVE THEIR RESPECTIVE DEVICES AND ITEMS FROM THE EXISTING WALL, CEILING AND/OR FLOOR AND RELOCATE TO THEIR FINAL POSITION IN THE NEW CONSTRUCTION. SUCH DEVICES SHALL INCLUDE BUT NOT BE LIMITED TO ELECTRICAL SWITCHES, PANELS, OUTLETS, THERMOSTATS, GRILLS, PLUMBING FIXTURES, MEDICAL GAS OUTLETS, ETC. THE RESPECTIVE TRADE SHALL ALSO BE RESPONSIBLE FOR ANY PERMANENT CONNECTIONS OF THOSE ITEMS WHICH ARE RELOCATED.
4. WHERE WALL SURFACES ARE PATCHED TO MATCH THE EXISTING, THE NEW FINISH (PAINT, VINYL WALL FABRIC, ETC.) SHALL BE APPLIED TO THE NEAREST CORNER OR BREAK IN THE WALL PLANE, UNLESS NOTED OTHERWISE.
5. WHERE EXISTING WALLS ARE TO RECEIVE A NEW FINISH, ANY EXISTING PAINTED ITEMS IN OR ON THE WALL (DOORS, DOOR FRAMES, ELECTRICAL PANELS, ETC.) SHALL BE REPAINTED TO MATCH OR COORDINATE WITH THE NEW FINISH.

DEMOLITION NOTES:

1. ALL DEMOLITION WORK SHALL BE PERFORMED WITH "DUE CARE AND DILIGENCE" SO AS TO PREVENT THE ARBITRARY DESTRUCTION OR INTERRUPTION OF CONCEALED UTILITIES WHICH ARE INTENDED TO REMAIN IN USE AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL DEMOLITION WAS STARTED. ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A LOCATION DIFFERENT FROM THAT INDICATED, CHANGE DIRECTION FROM FLOOR TO FLOOR, ETC. OR ARE UNIDENTIFIED SHALL BE REPORTED TO THE ARCHITECT BEFORE REMOVAL.
2. THE DEMOLITION DRAWINGS GENERALLY INDICATE THE REMOVAL OF ITEMS WHICH ARE IN VIEW OR BELIEVED TO BE CONCEALED (SUCH AS EXISTING COLUMNS CONCEALED WITHIN WALLS, ETC.) THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT, IN WRITING, OF THE FOLLOWING CONDITIONS, BEFORE SUCH CONDITIONS ARE DISTURBED AND BEFORE ANY DELAY OR COST IS INCURRED BY THE CONTRACTOR:
 - A. CONCEALED OR UNKNOWN CONDITIONS ENCOUNTERED WHICH DIFFER MATERIALLY FROM THOSE INDICATED OR REASONABLY IMPLIED BY THE CONTRACT DOCUMENTS.
 - B. CONCEALED PHYSICAL CONDITIONS IN THE EXISTING STRUCTURE OF AN UNUSUAL NATURE.
3. SEE THE PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR THE EXTENT OF CUTTING AND PATCHING REQUIREMENTS NECESSITATED BY THAT PORTION OF THE WORK.
4. SEE THE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL WORK THAT WILL REQUIRE CEILING ACCESS FOR SPECIAL SYSTEMS SUCH AS SMOKE/FIRE ALARM, RANDOM JUNCTION BOXES, ETC. WHICH HAVE NOT BEEN INDICATED ON THE REFLECTED CEILING OR DEMOLITION PLANS.
5. EXISTING CONSTRUCTION TO BE REMOVED:
 - A. THE GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DESIGNATED AND/OR SHOWN TO BE REMOVED TO RECEIVE NEW WORK AS HEREIN INDICATED.
 - B. PLUMBING, MECHANICAL AND ELECTRICAL TRADES SHALL REMOVE ALL DEVICES AND ITEMS PERTAINING TO THEIR RESPECTIVE TRADES FROM ALL EXISTING PARTITIONS, CEILINGS, ETC. BEING REMOVED. COORDINATE DEMOLITION WITH CONCURRENT GENERAL DEMOLITION, UNLESS NOTED TO BE ABANDONED. ALL PLUMBING, MECHANICAL AND ELECTRICAL WHICH PASS THROUGH OR ARE AFFECTED BY THE DEMOLITION SHALL BE MAINTAINED IN A COMPLETE AND FULLY OPERATIONAL CONDITION OR, WHERE NOTED, BE APPROPRIATELY CAPPED OFF. PROVIDE TEMPORARY SYSTEMS AS REQUIRED TO MAINTAIN FULL OPERATION OUTSIDE THE AREA OF DEMOLITION.
6. REMOVE PORTIONS OF EXISTING CONSTRUCTION AS DESIGNATED AND/OR SHOWN AND PATCH REMAINING SURFACES TO MATCH THE ADJACENT CONSTRUCTION.
7. THE CONTRACTOR SHALL REFER TO THE ROOM FINISH INFORMATION DRAWINGS AND SCHEDULE FOR ADDITIONAL INFORMATION CONCERNING FINISHES WHICH IMPACT THE WORK.
8. WHENEVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC. ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. AFTER REMOVAL, ANY AFFECTED CONSTRUCTION AND SURFACES SUCH AS FLOORS, WALLS, BASES AND CEILINGS SHALL BE FINISHED TO MATCH ADJACENT SURFACES, UNLESS OTHERWISE NOTED.
9. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT REMOVED, SUCH AS PLUMBING FIXTURES, ELECTRICAL FIXTURES AND EQUIPMENT, MECHANICAL EQUIPMENT, AIR CONDITIONER UNITS, ETC. ITEMS REFUSED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES.
10. EXISTING AREAS, WHETHER WITHIN OR OUTSIDE THE LIMITS OF THE CONTRACT, SHALL BE REPAIRED WHERE ANY DAMAGE HAS OCCURRED DUE TO CONSTRUCTION.
11. DURING THE DEMOLITION PROCESS, SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIAL IDENTIFIED AS OR SUSPECTED TO CONTAIN ASBESTOS FIBERS, IT SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND THE OWNER. NOTE THAT THE OWNER WILL CONTRACT DIRECTLY WITH A LICENSED ASBESTOS REMOVAL CONTRACTOR FOR THE NECESSARY WORK INVOLVING CONTAINMENT AND/OR REMOVAL OF THE ASBESTOS.

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- A2.1 PARTIAL FIRST FLOOR DEMOLITION & NEW WORK PLANS
- A5.1 PARTIAL FIRST FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLANS
- A11.1 INTERIOR ELEVATIONS, DOOR SCHEDULE & DETAILS

PLUMBING

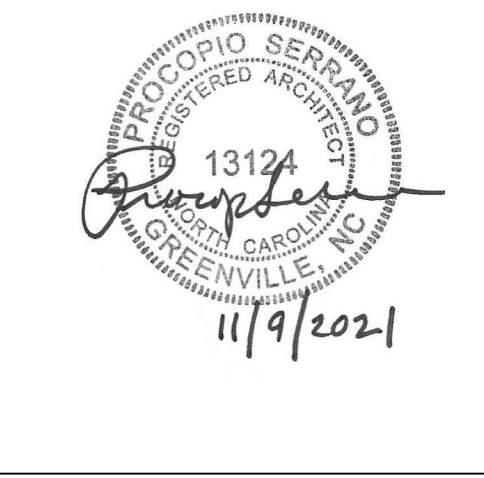
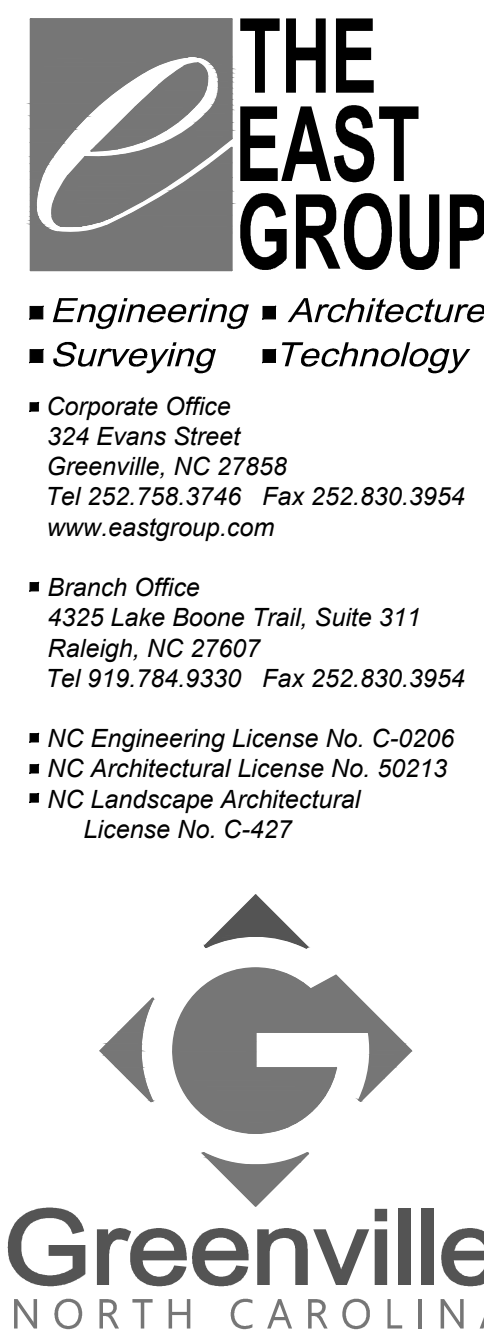
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REV	DATE	DESCRIPTION	BY	CHK
0	11/9/21	CONSTRUCTION DOCUMENTS	DHB	PS

REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
DRAWING INDEX AND CONSTRUCTION NOTES

DRAWING NO.
G1.1

BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

NAME OF PROJECT: CITY OF GREENVILLE AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION
ADDRESS: 921 STANTON ROAD, GREENVILLE, NC
OWNER/AUTHORIZED AGENT: MIKE WATSON

Table with 7 columns: DESIGNER, FIRM, NAME, LICENSE #, TELEPHONE #, EMAIL. Lists various trades and their respective designers and firms.

2018 NC BUILDING CODE: [] NEW BUILDING [] ADDITION [] RENOVATION
2018 NC EXISTING BUILDING CODE: [X] PRESCRIPTIVE [] REPAIR [] CHAPTER 14
CONSTRUCTED (DATE):
RENOVATED (DATE):

BASIC BUILDING DATA table with columns: FLOOR, EXISTING (SQ FT), RENOVATION (SQ FT), NEW (SQ FT), SUB-TOTAL. Lists floor areas for 7th, 6th, 5th, 4th, 3rd, 2nd, 1st, and BASEMENT floors.

ALLOWABLE AREA section including PRIMARY OCCUPANCY CLASSIFICATION(S), ACCESSORY OCCUPANCY CLASSIFICATION(S), INCIDENTAL USES, and SPECIAL PROVISIONS.

Table with 5 columns: STORY NO., DESCRIPTION AND USE, BLDG AREA PER STORY (ACTUAL), TABLE 506.2* AREA, AREA FOR FRONTAGE INCREASE 1, ALLOWABLE AREA PER STORY OR UNLIMITED 2.

- 1. FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:
a. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = (F)
b. TOTAL BUILDING PERIMETER = (P)
c. RATIO (F/P) = (F/P)

ALLOWABLE HEIGHT table with columns: ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE. Includes building height in feet and stories.

FIRE PROTECTION REQUIREMENTS table with columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATING, DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, DESIGN # FOR RATED PENETRATION, DESIGN # FOR RATED JOINTS.

PERCENTAGE OF WALL OPENING CALCULATIONS table with columns: FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES, DEGREE OF OPENINGS PROTECTION (TABLE 705.8), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%).

LIFE SAFETY SYSTEM REQUIREMENTS section including EMERGENCY LIGHTING, EXIT SIGNS, FIRE ALARM, SMOKE DETECTION SYSTEMS, CARBON MONOXIDE DETECTION.

LIFE SAFETY PLAN REQUIREMENTS section including LIFE SAFETY PLAN SHEET #, FIRE AND/OR SMOKE RATED WALL LOCATIONS, ASSUMED AND REAL PROPERTY LINE LOCATIONS.

ACCESSIBLE DWELLING UNITS (SECTION 1107) table with columns: TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED.

ACCESSIBLE PARKING (SECTION 1106) table with columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES, # OF ACCESSIBLE SPACES PROVIDED, TOTAL # ACCESSIBLE PROVIDED.

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1) table with columns: USE, WATER CLOSETS, URINALS, LAVATORIES, SHOWERS, DRINKING FOUNTAINS.

SPECIAL APPROVALS section including SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ETC., DESCRIBE BELOW).

ENERGY SUMMARY section including ENERGY REQUIREMENTS, EXISTING BUILDING ENVELOPE COMPLIES WITH CODE, EXEMPT BUILDING, CLIMATE ZONE, METHOD OF COMPLIANCE.

Table for THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY) with columns: ROOF/CEILING ASSEMBLY (EACH ASSEMBLY), EXTERIOR WALLS (EACH ASSEMBLY), WALLS BELOW GRADE (EACH ASSEMBLY), FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY), FLOORS SLAB ON GRADE.

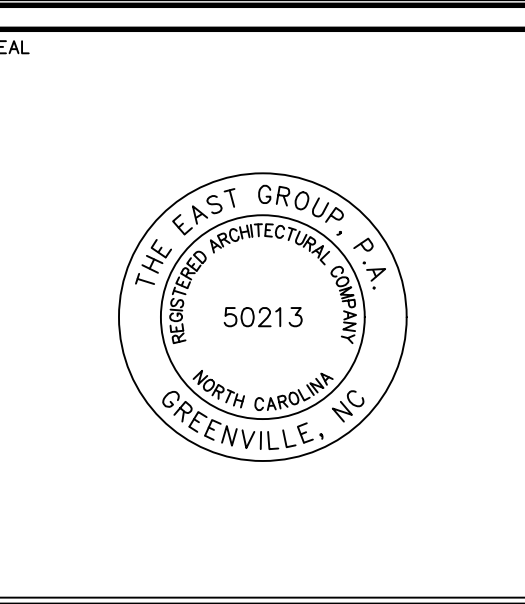
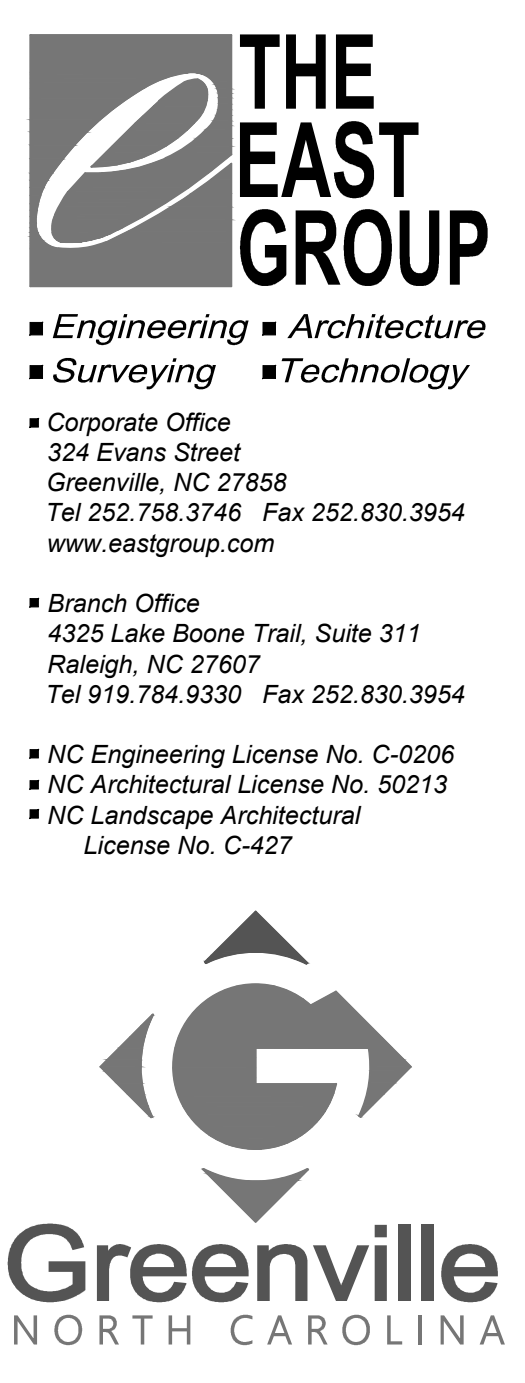


Table with 6 columns: REV, DATE, DESCRIPTION, DOCUMENTS, BY, CHK, PS, DIB. Includes revision history for construction documents.

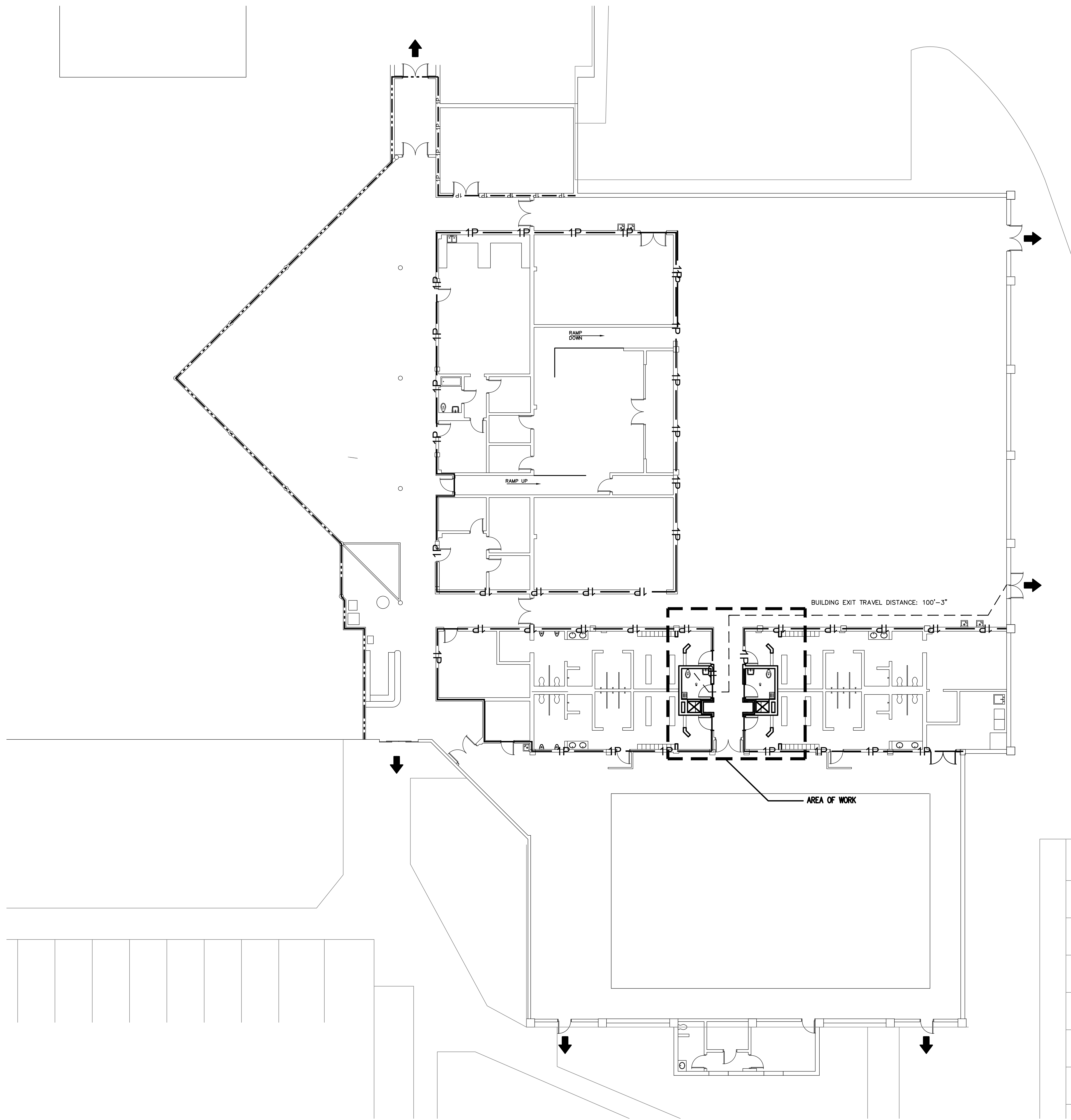
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION project title and location information.

NORTH CAROLINA BUILDING CODE SUMMARY drawing title.

G1.2 drawing number.

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Legend

HOURLY RATING

- SMOKE PARTITION
- 1P — 1 HOUR FIRE PARTITION
- 1B — 1 HOUR FIRE BARRIER
- • — 1 HOUR FIRE RESISTANT RATED SMOKE BARRIER
- - - — 2 HOUR FIRE BARRIER
- • • — 2 HOUR FIRE RESISTANT RATED SMOKE BARRIER
- ← BUILDING OR HORIZONTAL EXIT
- — X' — PATH OF EXIT TRAVEL AND TRAVEL DISTANCE

THE EXISTING ASSEMBLY RATINGS SHOWN ON THIS DRAWING HAVE BEEN PROVIDED BY THE OWNER. THE EAST GROUP HAS NOT VERIFIED THE ACCURACY OF THE ASSEMBLY RATINGS OUTSIDE THE LIMITS OF THIS PROJECT.

General Notes

- ALL NEW WALLS ALONG CORRIDORS SHALL HAVE A MINIMUM 1 HR FIRE PARTITION RATING.
- RATED WALLS SHOWN IN EXISTING BUILDING ARE BASED UPON INFORMATION SHOWN ON OWNER PROVIDED RECORD DRAWINGS.
- MAINTAIN TEMPORARY EXITING DURING CONSTRUCTION. PROVIDE TEMPORARY PARTITIONS AS REQUIRED.

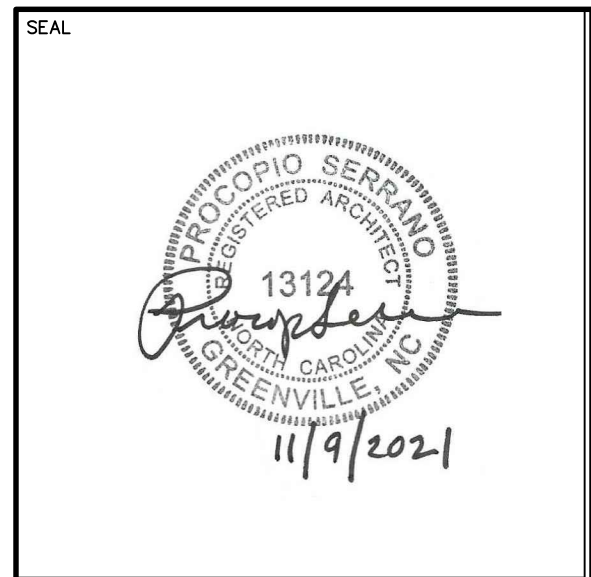
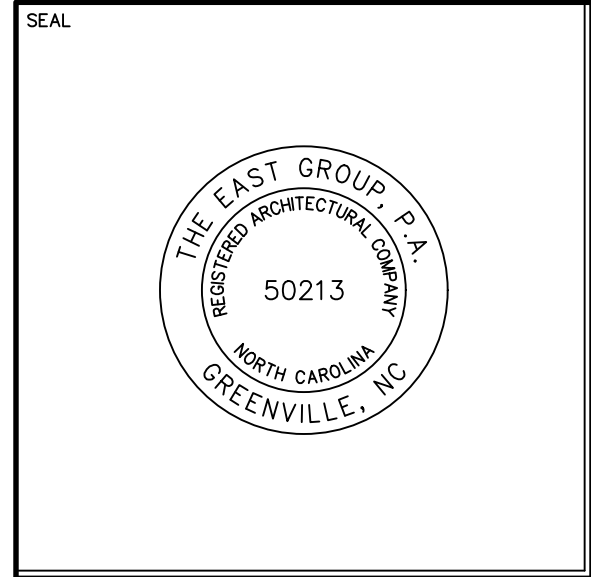
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 ■ Surveying ■ Technology

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 NC Landscape Architectural License No. C-427

Greenville
 NORTH CAROLINA

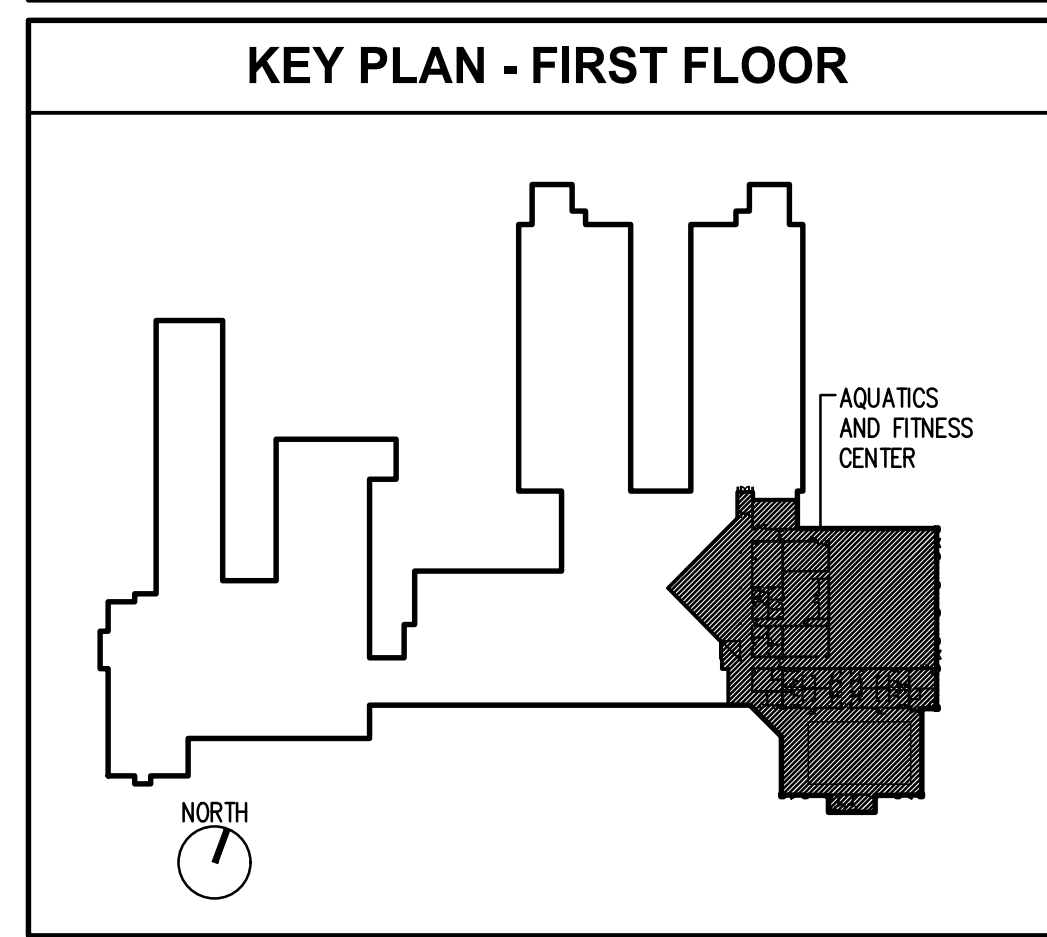


REV	DATE	DESCRIPTION	BY	CHK	PS
0	11/19/21	CONSTRUCTION DOCUMENTS	DHB		

BASE BID AND ALTERNATE

BASE BID: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.

ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.



1 LIFE SAFETY PLAN
 3/32"=1'-0"

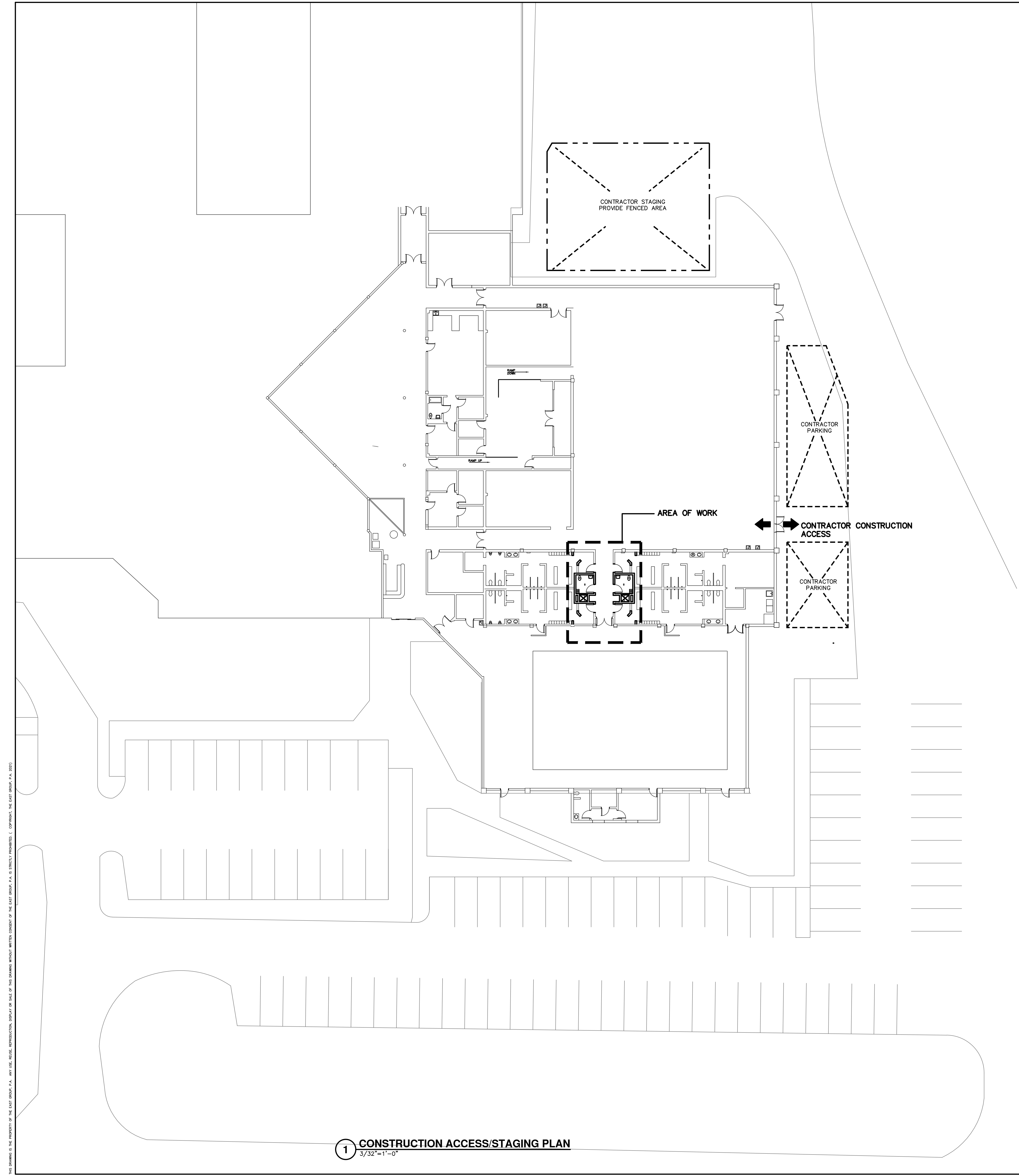
REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
LIFE SAFETY PLAN

DRAWING NO.
G2.1



1 CONSTRUCTION ACCESS/STAGING PLAN
3/32"=1'-0"

TEMPORARY CONSTRUCTION NOTES

NOTE:
THIS SHEET IS FOR CONSTRUCTION PHASING COORDINATION. SEE DEMOLITION AND NEW WORK PLANS FOR FULL EXTENT OF BASE BID AND ALTERNATE WORK. SEE SPECIFICATIONS FOR ADDITIONAL REQUIRED MEASURES.

ALL SIDEWALKS AND MEANS OF EGRESS MUST BE PROTECTED AND KEPT IN USE AT ALL TIMES DURING PROJECT DURATION.

PARKING SHOWN AS LAYDOWN AREA WILL BE ASSIGNED FOR CONSTRUCTION ONLY DURING THE DURATION OF THE PROJECT.

FENCING AND GATES SHALL BE LIMITED DURING PEAK STAGES OF CONSTRUCTION AND SHALL BE REMOVED ONCE MATERIAL IS NO LONGER STORED OVERNIGHT. A LOCKABLE STORAGE SHALL BE LIMITED TO THE LAYDOWN AREA FOR THE DURATION OF THE PROJECT.

CONTACT OWNER WHEN AREAS AROUND THE BUILDING NEED TO BE BLOCKED OFF 48 HOURS IN ADVANCE.

ALL TEMPORARY GATES SHALL HAVE AN OWNER PROVIDED SURFACE MOUNTED KNOX BOX 3200 SERIES MODEL 3261 OR APPROVED EQUAL. COORDINATE WITH OWNER AND LOCAL FIRE DEPARTMENT TO VERIFY THE SYSTEM USED.

G.C. TO KEEP A CLEAR AISLE INSIDE FENCE FOR EMERGENCY VEHICLES AT ALL TIMES.

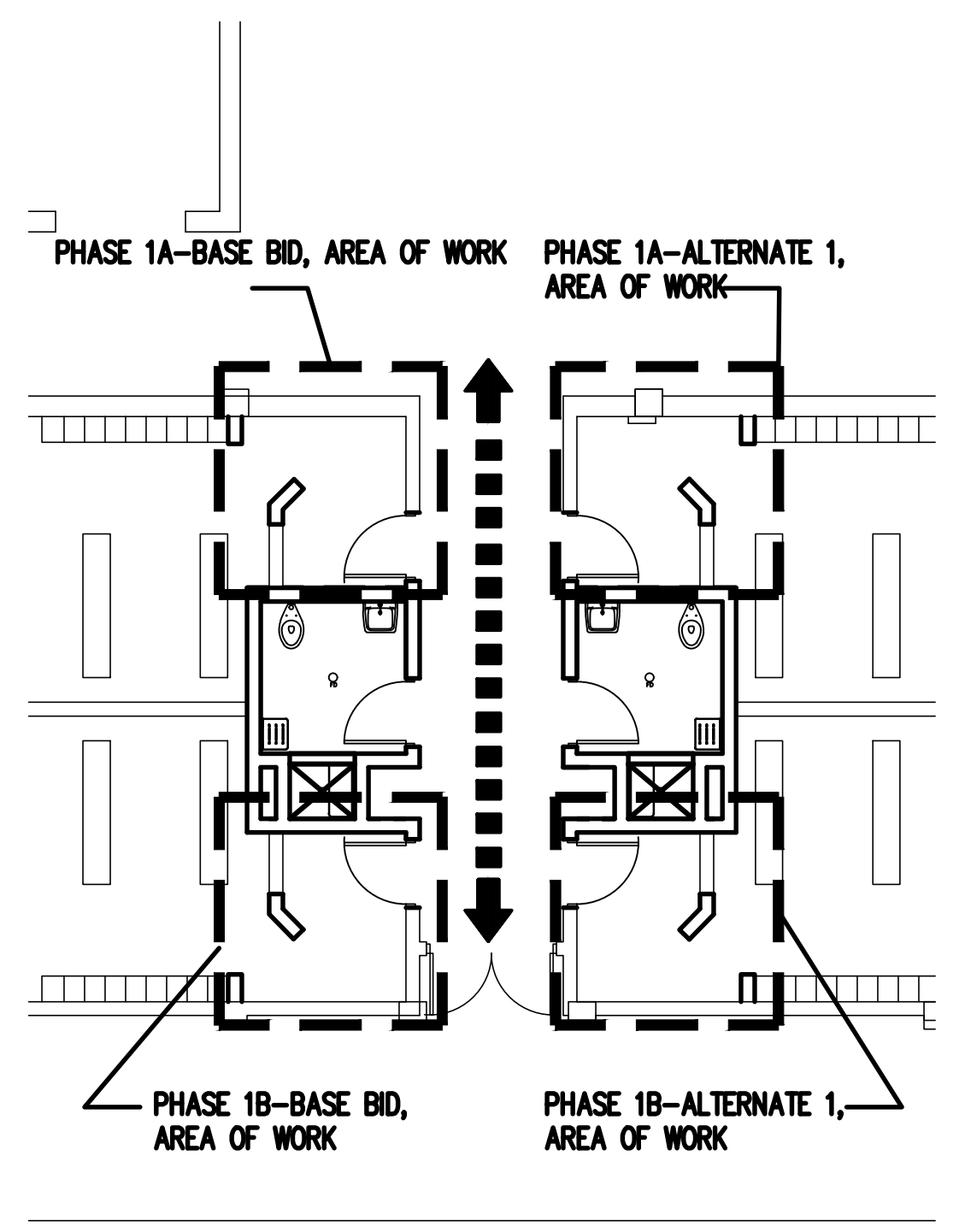
TRAFFIC MODIFYING ACTIVITIES TO OCCUR OUTSIDE OF CONSTRUCTION FENCING TO BE APPROVED BY THE OWNER.

ALL EXISTING CONCRETE CURBS, ASPHALT, STRIPPING, ETC. INSIDE FENCING AREA SHALL BE PROTECTED OR REPAIRED TO RETURN TO CURRENT CONDITION AT THE END OF THE PROJECT.

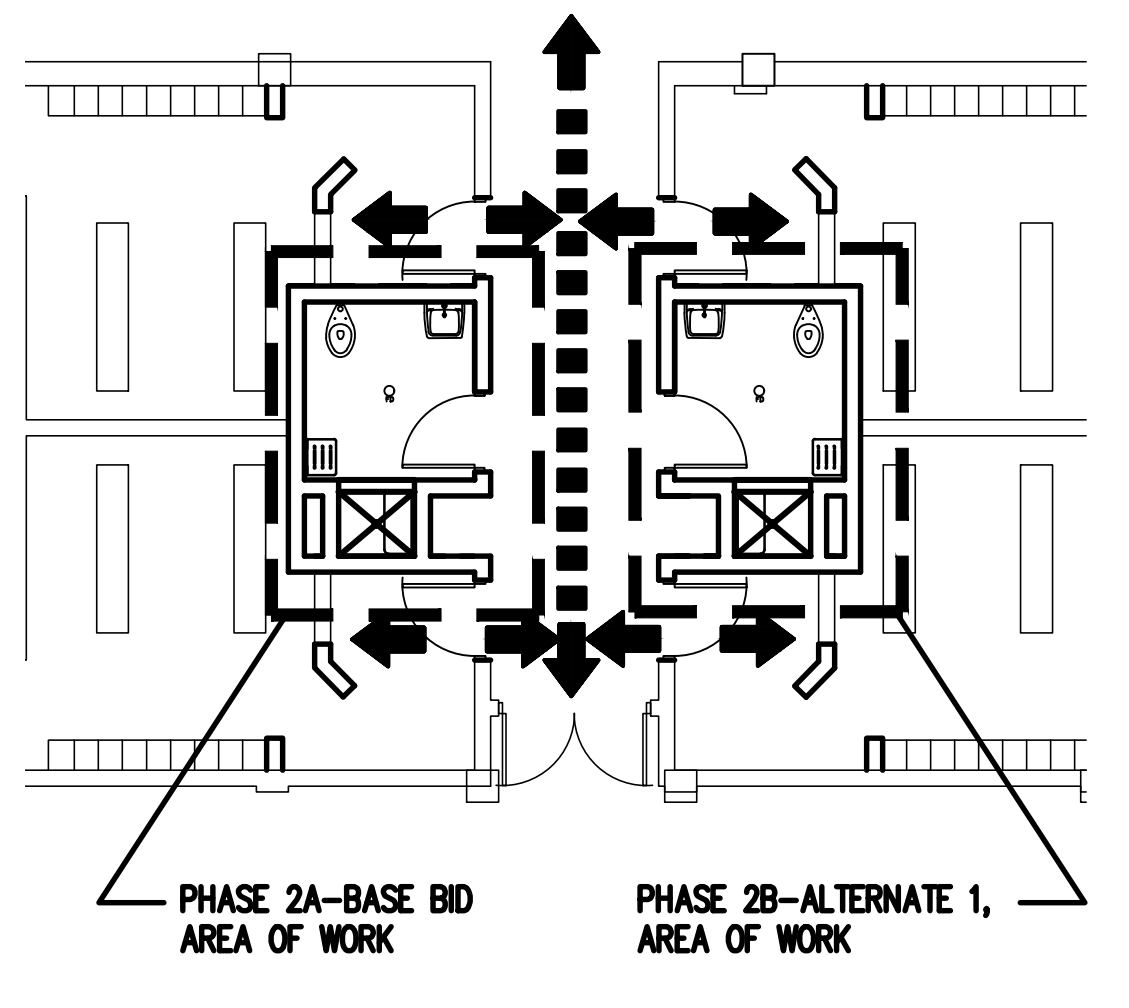
ALL EXISTING LANDSCAPING SHALL BE PROTECTED DURING THE DURATION OF THE PROJECT.

5 PARKING SPACES SHALL BE ASSIGNED FOR CONTRACTOR PARKING AT THE PARKING LOT.

ALL EGRESS SHALL BE FROM THE SOUTH EAST ENTRANCE TO THE GYMNASIUM. FLOOR SHALL BE PROTECTED THROUGH OUT THE DURATION OF THE PROJECT. ALL PERSONNEL SHALL BE CLEARLY IDENTIFIED WITH BADGES AND IDS VISIBLE TO ALL FACILITY PERSONNEL.



2 PARTIAL CONSTRUCTION PHASING PLAN
1/8"=1'-0"



3 PARTIAL CONSTRUCTION PHASING PLAN
1/8"=1'-0"

CONSTRUCTION PHASING

PHASE 1A: WORK ASSOCIATED WITH BASE BID SHALL BE DONE IN PHASE 1A, EXCEPT WORK IN THE MENS POOL LOCKER ROOM AND WOMENS POOL LOCKER ROOM. WORK ASSOCIATED WITH ALTERNATE 1 THAT IS PART OF PROVIDING NEW ACCESS DOORS AND NEW WALL PRIVACY SCREENING IN MENS AND WOMENS LOCKER ROOM. MAINTAIN HALLWAY ACCESS.

PHASE 1B: ALL WORK IN MENS POOL LOCKER ROOM AND WOMENS POOL LOCKER ROOM. PART OF ALTERNATE 1 SHALL BE IN PHASE 1B. WORK ASSOCIATED WITH ALTERNATE 1 THAT IS PART OF PROVIDING NEW ACCESS DOORS AND NEW WALL PRIVACY SCREENING IN MENS AND WOMENS LOCKER ROOM. MAINTAIN HALLWAY ACCESS.

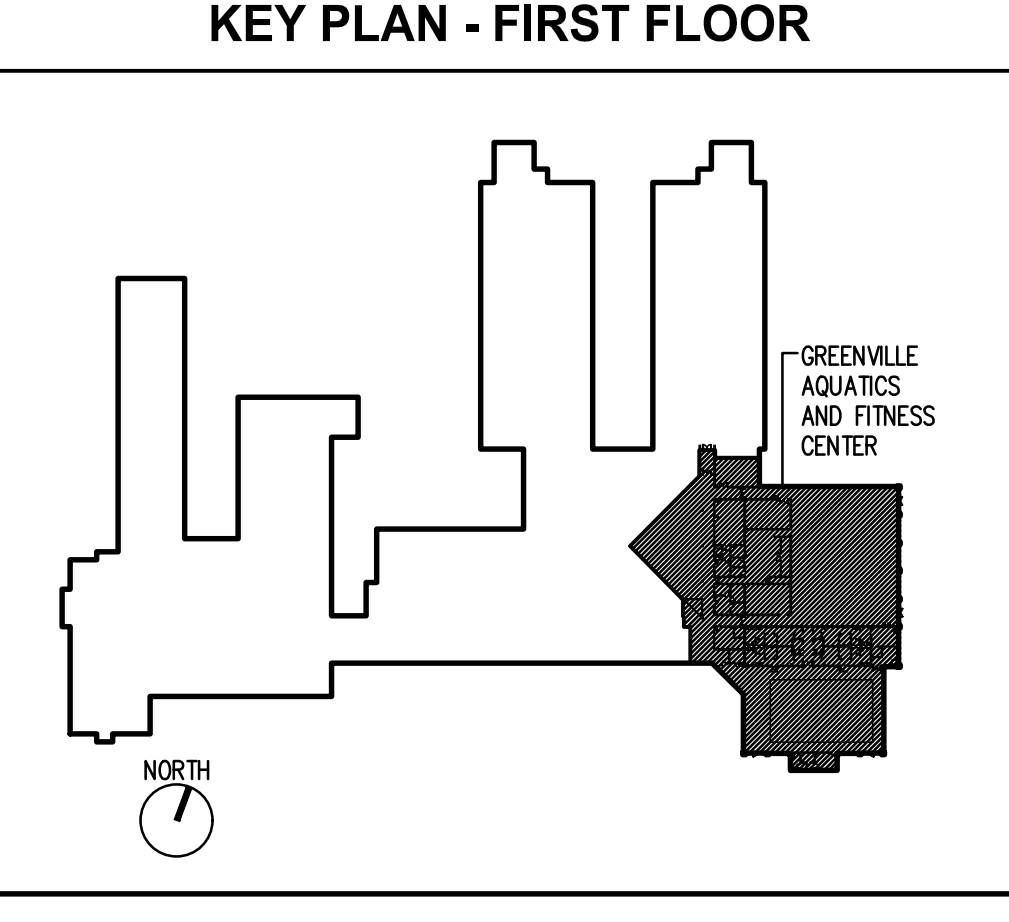
PHASE 2A: BASE BID, FAMILY SHOWER 101. MAINTAIN ACCESS TO HALLWAY AND THE LOCKER ROOMS.

PHASE 2B: ALTERNATE 1, FAMILY SHOWER 104. MAINTAIN ACCESS TO THE HALLWAY AND THE LOCKER ROOMS.

BASE BID AND ALTERNATE

BASE BID: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.

ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.



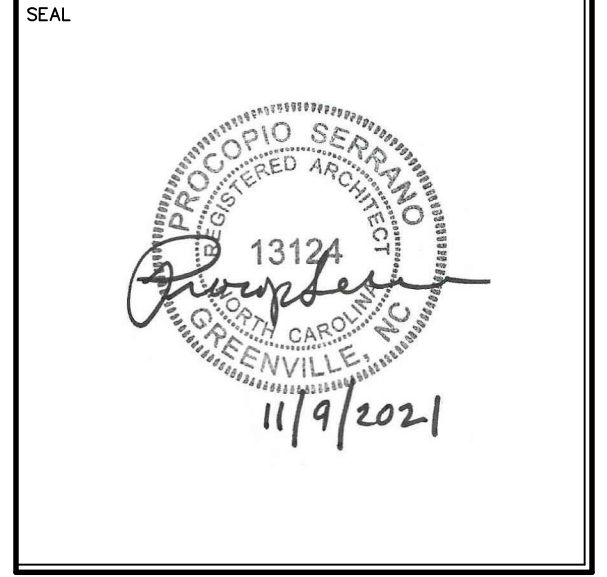
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Greenville NORTH CAROLINA



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REG PROJECT NO. 20210180
CLIENT PROJECT NO. ---
PROJECT TITLE

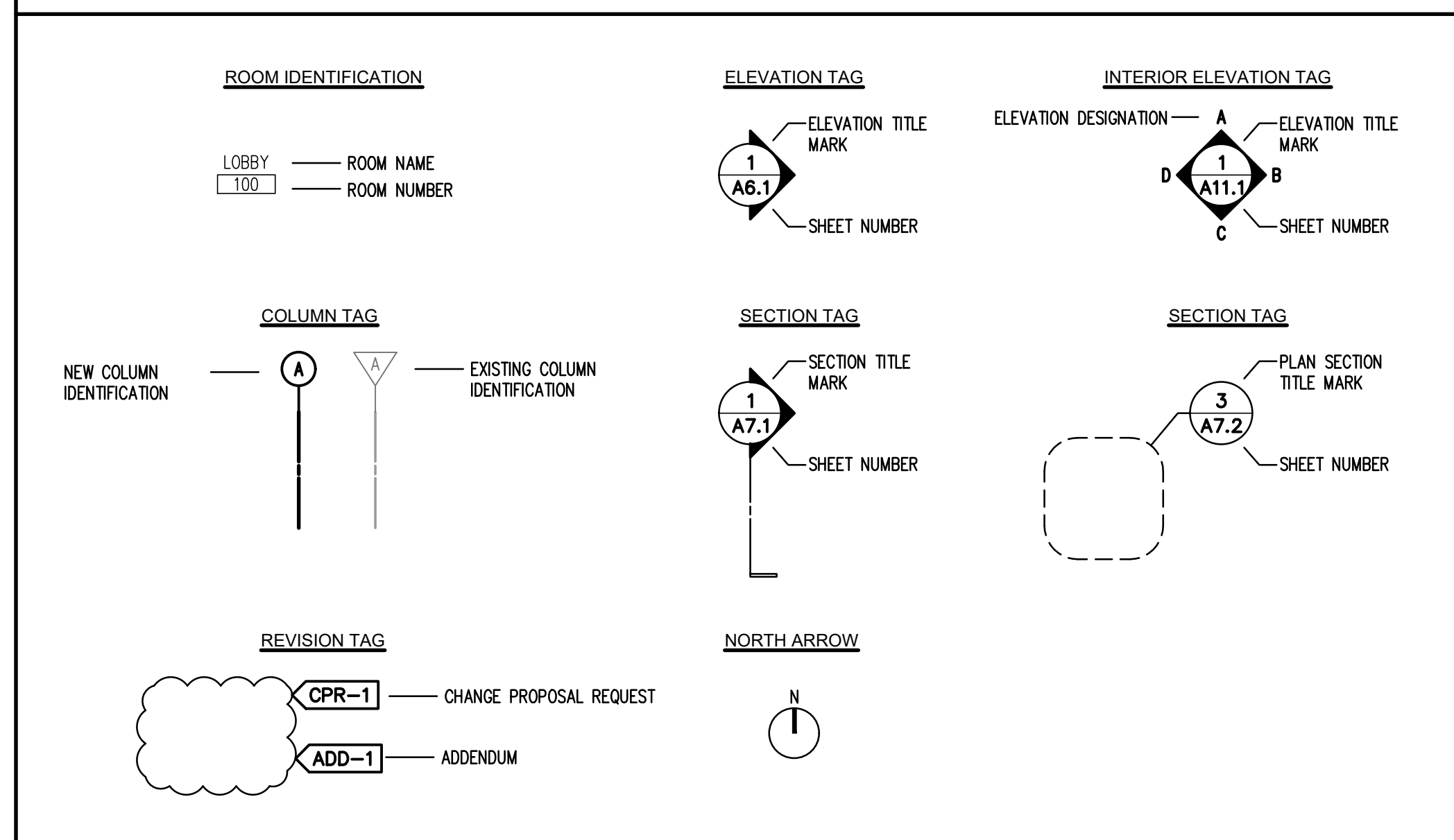
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
PHASING PLAN AND TEMPORARY CONSTRUCTION STAGING.

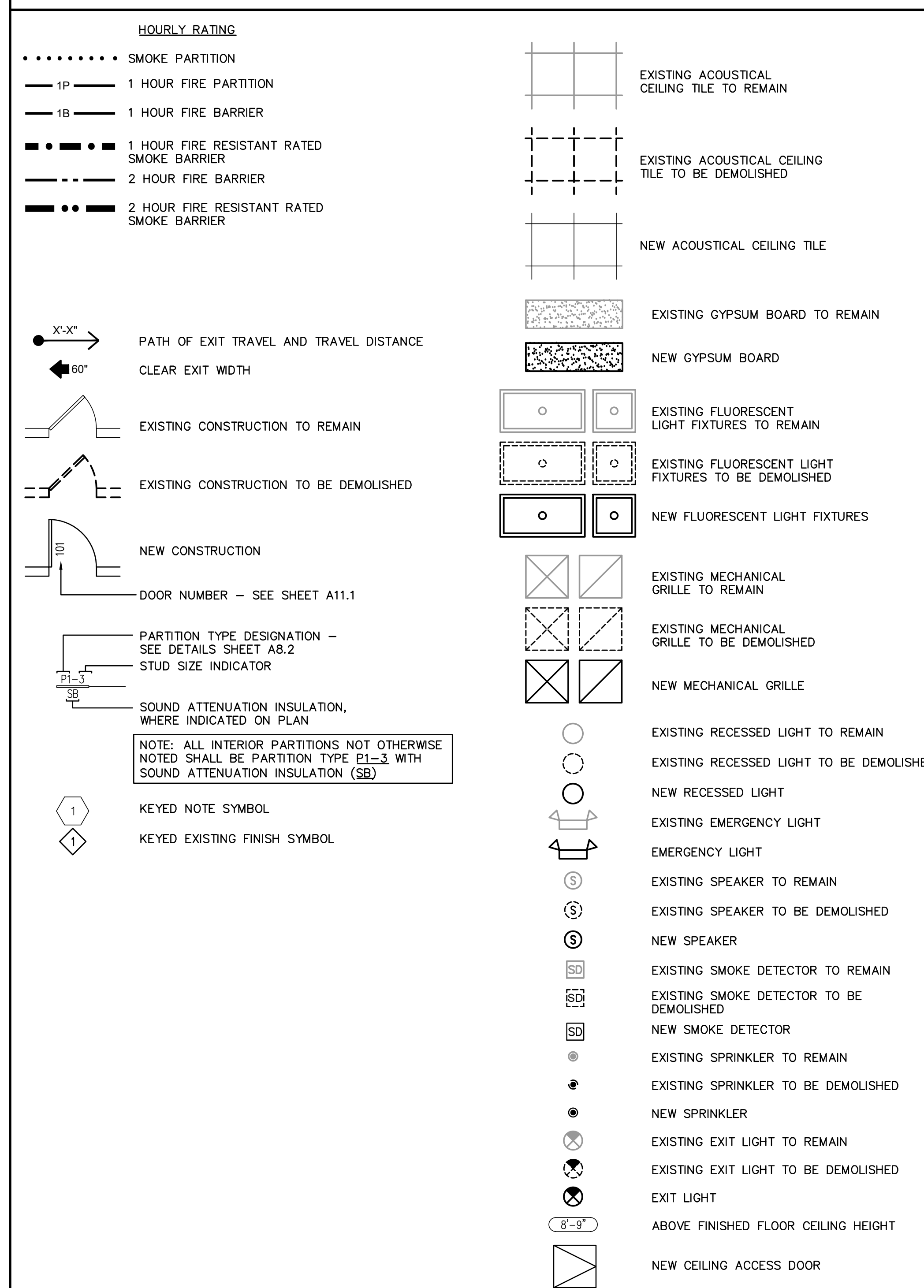
DRAWING NO.
G4.1

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Architectural Symbols



Architectural Legend

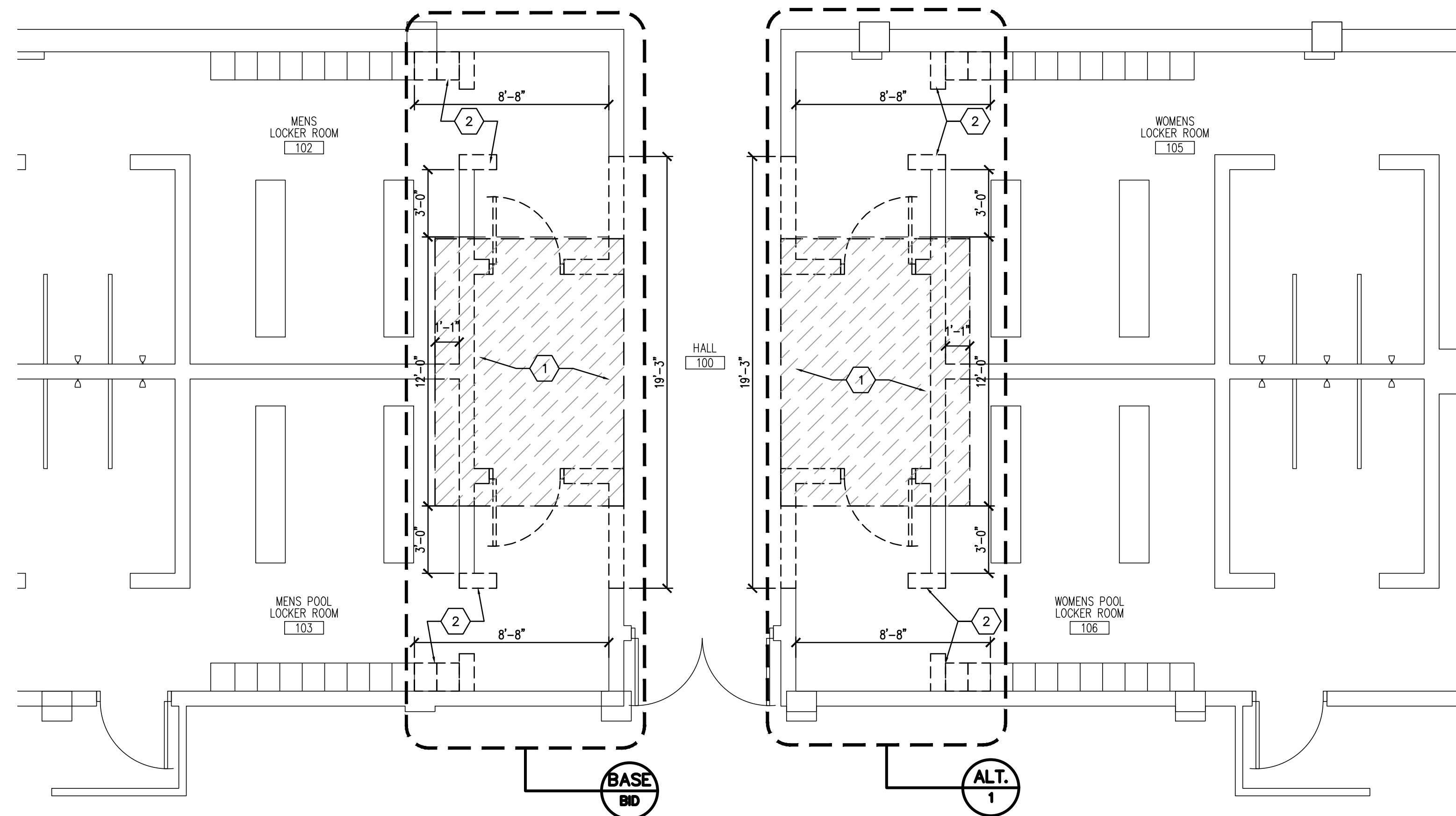


Abbreviations

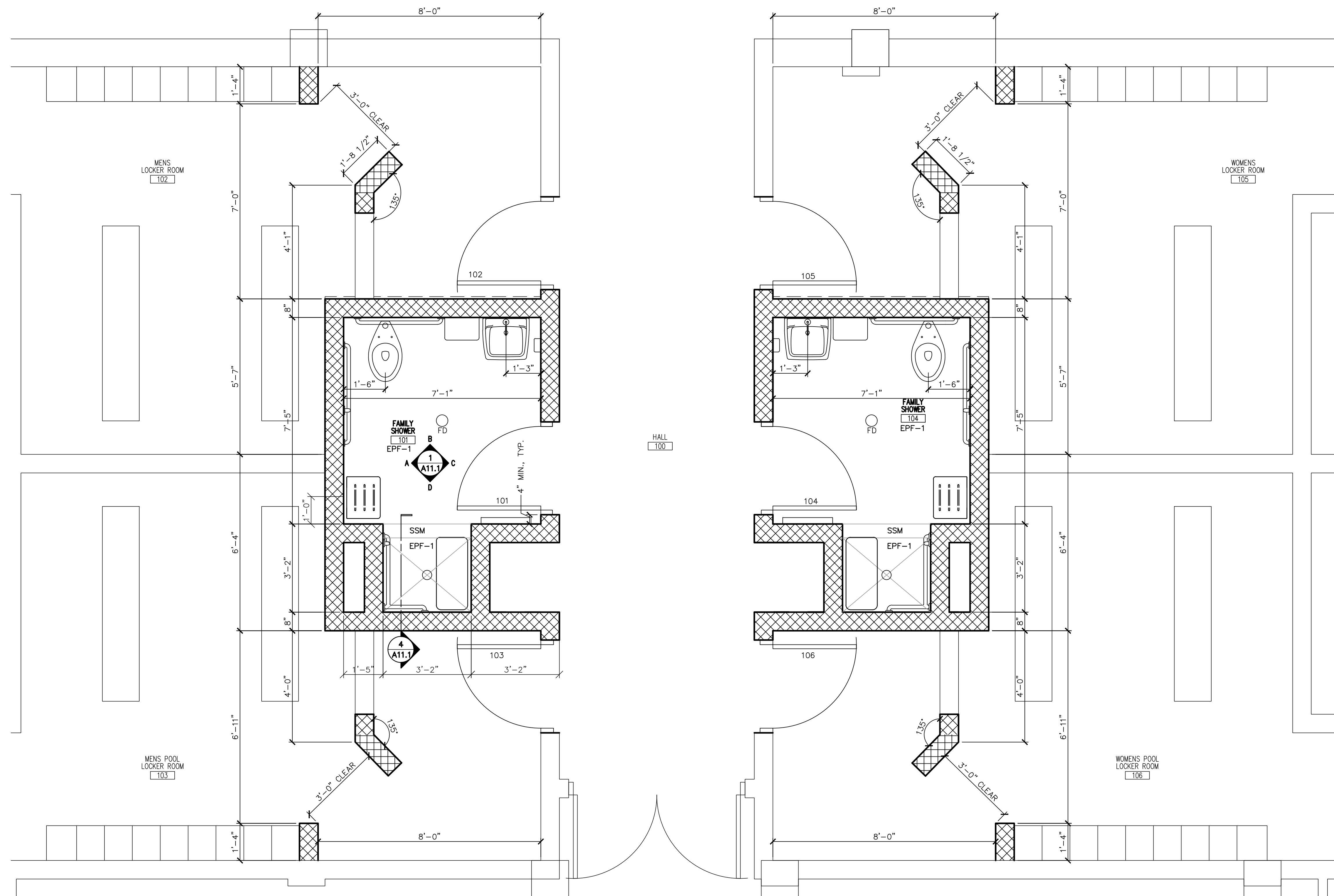
Table of abbreviations including terms like COMPRESSED AIR LINES, AIR HANDLING, HOSE BIBB, HANDICAP, HEAVY DUTY, HUB DRAIN, etc.

THE EAST GROUP logo and contact information, Greenville NORTH CAROLINA logo, project title 'AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION', and drawing title 'ARCHITECTURAL SYMBOLS AND ABBREVIATIONS'.

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1 PARTIAL FIRST FLOOR DEMOLITION PLAN
1/4"=1'-0"



2 PARTIAL FIRST FLOOR NEW WORK PLAN
1/2"=1'-0"

Interior Finish Schedule

EP-1	EPOXY PAINT, SHERWIN WILLIAMS SW7006 EXTRA WHITE (FAMILY ROOM CEILINGS)
PE-1	SHERWIN WILLIAMS SW7006 EXTRA WHITE (GYM BD CEILINGS IN HALL 100)
PS-1	SHERWIN WILLIAMS COLOR TO MATCH EXISTING HM FRAMES
CWT-1	DALTILE COLOR WHEEL COLLECTION - CLASSIC GLAZED CERAMIC 6"x6" WALL TILE COLOR: SUEDE GRAY 0182 (FIELD) INSTALL PATTERN TO MATCH EXISTING RENOVATED SHOWERS.
CWT-2	DALTILE COLOR WHEEL COLLECTION - CLASSIC GLAZED CERAMIC 6"x6" WALL TILE COLOR: BLACK K111 (ACCENT) INSTALL PATTERN TO MATCH EXISTING RENOVATED SHOWERS.
GROUT	WALL TILE GROUT-CUSTOM BUILDING SUPPLY 100% SOLIDS EPOXY GROUT, COLOR: #165 DELOREAN GRAY
SSM	6" WIDE SOLID SURFACE THRESHOLD, DOUBLE HOLLYWOOD BEVEL. COLOR: CORIAN SILVER GRAY (SEE DETAIL 4/A11.1)
EPF-1	SOYSTEP EPOXY FLOORING SYSTEM MATTE URETHANE SEAL COAT FLASH SOYSTEP UP WALL 8", COLOR: COOKIES AND CREAM (TOILET AND SHOWER FLOORS)

Abbreviations

CWT	CERAMIC WALL TILE
GYP BD	GYPSUM BOARD
EP	EPOXY PAINT, EGGSHELL FINISH
EPF	EPOXY FLOORING SYSTEM
PE	PAINT; EGGSHELL
PS	PAINT; SEMI-GLOSS
SSM	SOLID SURFACE MATERIAL

General Demolition Notes

- REFER TO SHEET G1.1 FOR ADDITIONAL DEMOLITION NOTES.
- REPAIR DAMAGE AND HOLES LEFT AFTER REMOVAL OF COMPONENTS AND DEMOLITION ACTIVITY. MATCH EXISTING ADJACENT FINISH OR PREPARE FOR NEW FINISH.
- DEMOLITION ACTIVITIES THAT CAUSE NOISE OR VIBRATION DETRIMENTAL TO OWNER ACTIVITY SHALL BE CONDUCTED AT TIMES COORDINATED WITH THE OWNER.
- IN AREAS WHERE EXISTING FINISHES ARE TO BE REPLACED WITH NEW FINISHES, FULLY PREPARE SUBSTRATE TO RECEIVE NEW FINISH IN ACCORDANCE WITH FINISH MANUFACTURERS' REQUIREMENTS.
- SEE P,M,&E DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS.
- THE OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SYSTEM COMPONENTS REMOVED DURING DEMOLITION. SYSTEM COMPONENTS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
- CEILING AREAS NOTED FOR REMOVAL SHALL BE REMOVED AS REQUIRED TO PERFORM ABOVE-CEILING WORK DESCRIBED ON THE FIRE PROTECTION, MECHANICAL, AND ELECTRICAL DRAWINGS.
- AFTER COMPLETION OF ABOVE-CEILING WORK, ALL DISTURBED CEILING AREAS SHALL BE REPLACED OR PATCHED TO MATCH ORIGINAL HEIGHT, MATERIALS, INSTALLATION, AND FINISH.
- ALL EXISTING WALLS ARE CMU, UNLESS NOTED OTHERWISE.

Typical Demolition Notes

- DEMOLISH WALLS AS INDICATED ON PLAN BY DASHED LINE.
- DEMOLISH MILLWORK AND/OR EQUIPMENT AS INDICATED ON PLAN BY DASHED LINE.
- DEMOLISH DOORS, HARDWARE, AND FRAMES WHERE INDICATED ON PLAN BY DASHED LINES.
- FLOORING IN EXISTING LOCKER ROOMS TO REMAIN. PATCH AND MATCH FLOORING AND BASE WHERE REQUIRED BY NEW CONSTRUCTION.
- REMOVE EXISTING SECTIONS OF CMU WALL AS INDICATED BY DASHED LINES TO ACCOMMODATE NEW WORK.

Keyed Demolition Notes

- DEMOLISH PORTION OF EXISTING SLAB.
- REMOVE CMU WING WALL AND PORTION OF LOCKERS TO ACCOMMODATE NEW LAYOUT.

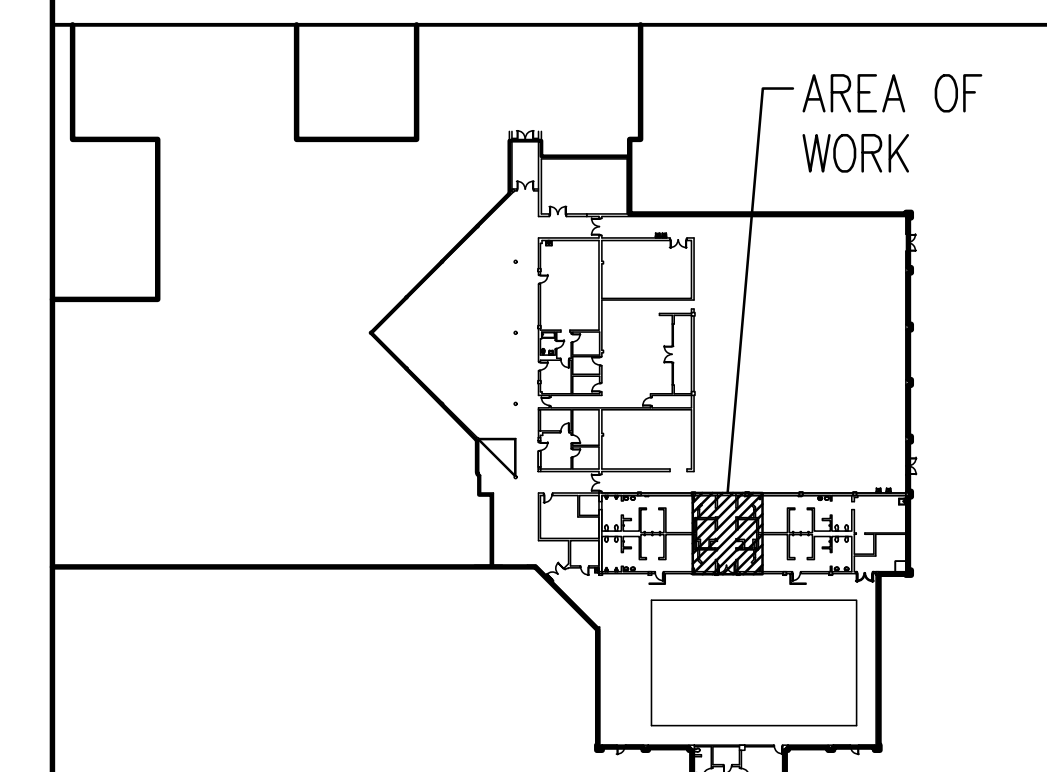
General Renovation Notes

- REFER TO SHEET G1.1 FOR ADDITIONAL GENERAL NOTES.
- SEE SHEET G2.1 FOR LOCATION OF ALL FIRE-RATED WALLS, SMOKE PARTITIONS AND EGRESS CRITERIA.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS. IF CONDITIONS ARE FOUND WHICH DIFFER FROM THOSE SHOWN ON THE DRAWINGS, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT EQUIPMENT, CABINETS, FIXTURES ETC.
- WHERE NEW WALLS MEET EXISTING WALLS, ALIGN WALLS FOR A SMOOTH TRANSITION. PATCH AND REPAIR WALLS TO MATCH.
- ALL FLOORS SHALL BE PATCHED AND REPAIRED AS REQUIRED TO ACHIEVE A SMOOTH SURFACE.
- ALL NEW WALLS AROUND NEW FAMILY SHOWER ROOMS SHALL EXTEND 16" ABOVE NEW CEILING THAT ARE NOT CORRIDOR WALLS. ALL CORRIDOR WALLS SHALL EXTEND TO THE BOTTOM OF THE DECK ABOVE. SEE LIFE SAFETY DRAWING G2.1.
- REPAIR DAMAGE TO SPRAYED-ON FIREPROOFING RESULTING FROM CONSTRUCTION ACTIVITY.
- REPAIR, PATCH, INFILL AND PAINT ALL EXISTING CMU WALLS THAT WERE CUT TO FACILITATE NEW WORK.
- ALL NEW WALLS ARE NEW CMU, UNLESS NOTED OTHERWISE.

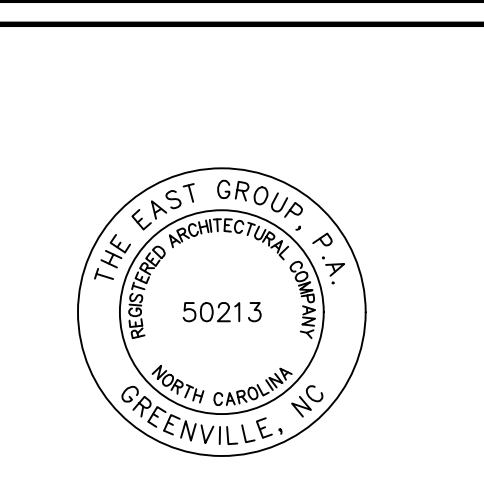
BASE BID AND ALTERNATE

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ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.

KEY PLAN - PARTIAL ENLARGED



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REG PROJECT NO. 20210180

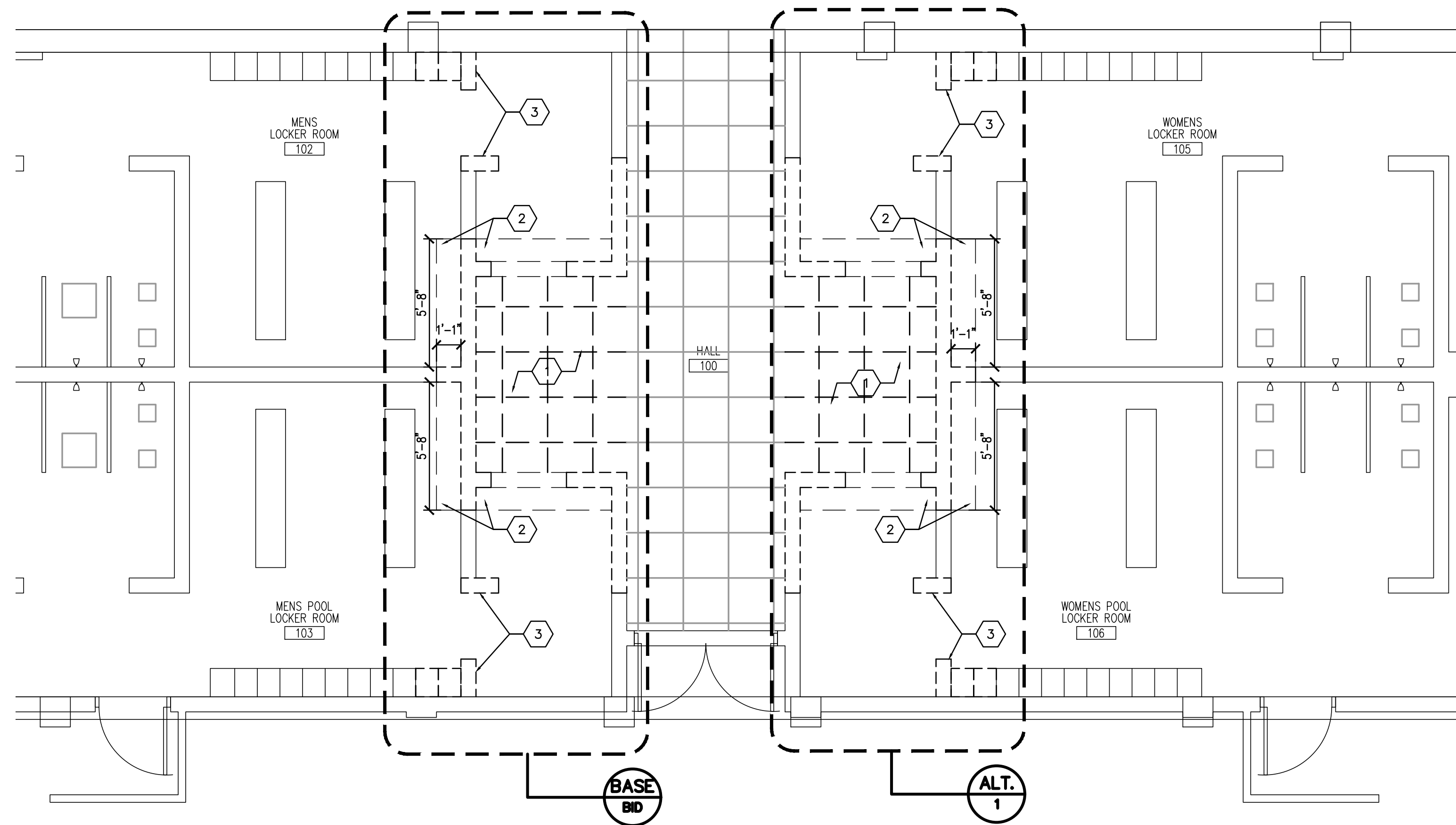
CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

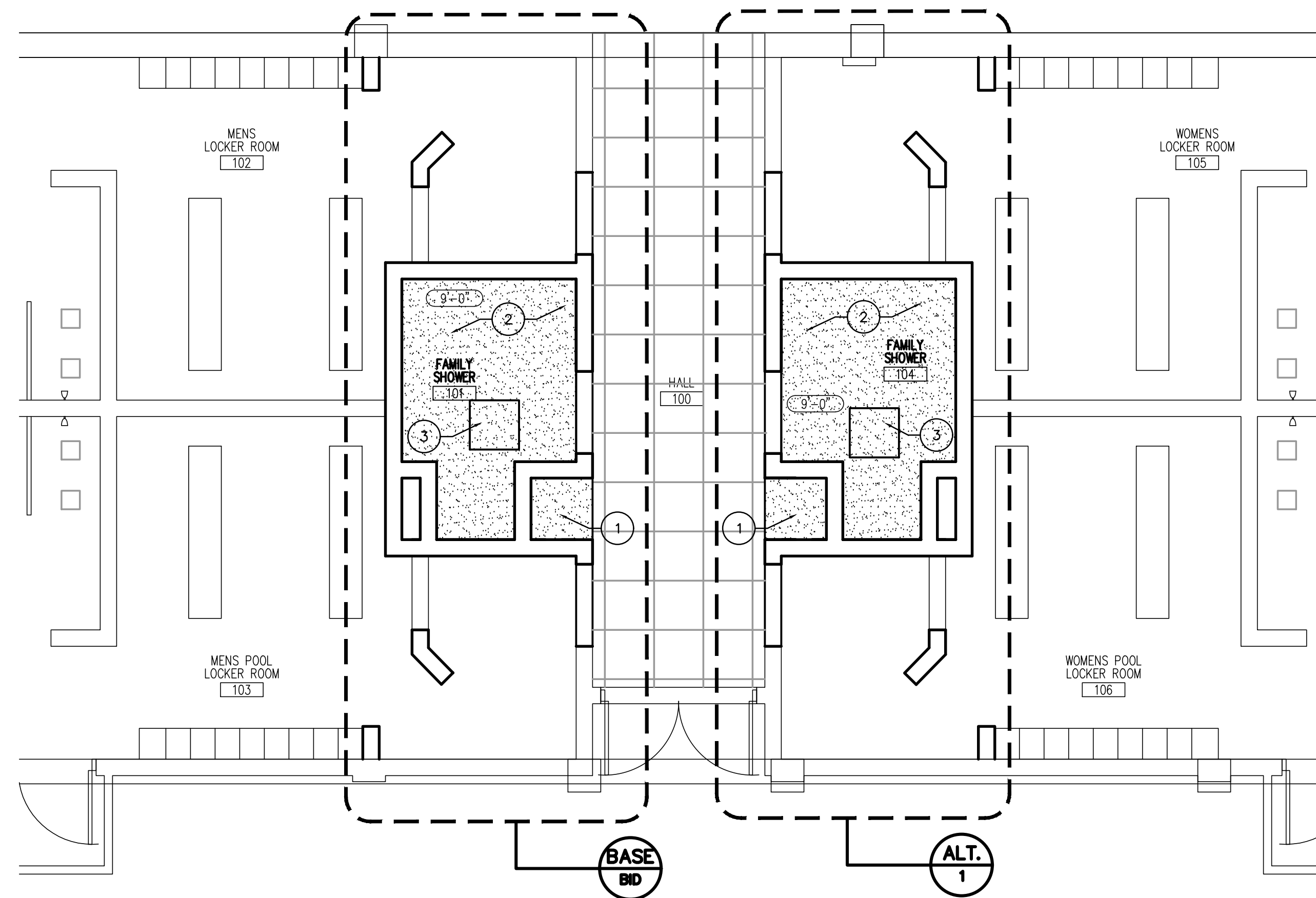
DRAWING TITLE
PARTIAL FIRST FLOOR DEMOLITION AND NEW WORK PLANS

DRAWING NO.
A2.1

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1 PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
1/4"=1'-0"



2 PARTIAL FIRST FLOOR NEW WORK REFLECTED CEILING PLAN
1/2"=1'-0"

General Demolition Notes

1. REFER TO SHEET G1.1 FOR ADDITIONAL DEMOLITION NOTES.
2. REPAIR DAMAGE AND HOLES LEFT AFTER REMOVAL OF COMPONENTS AND DEMOLITION ACTIVITY. MATCH EXISTING ADJACENT FINISH OR PREPARE FOR NEW FINISH.
3. DEMOLITION ACTIVITIES THAT CAUSE NOISE OR VIBRATION DETRIMENTAL TO OWNER ACTIVITY SHALL BE CONDUCTED AT TIMES COORDINATED WITH THE OWNER.
4. IN AREAS WHERE EXISTING FINISHES ARE TO BE REPLACED WITH NEW FINISHES, FULLY PREPARE SUBSTRATE TO RECEIVE NEW FINISH IN ACCORDANCE WITH FINISH MANUFACTURERS' REQUIREMENTS.
5. SEE P.M.&E DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS.
6. THE OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SYSTEM COMPONENTS REMOVED DURING DEMOLITION. SYSTEM COMPONENTS REJECTED BY THE OWNER SHALL BE BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
7. CEILING AREAS NOTED FOR REMOVAL SHALL BE REMOVED AS REQUIRED TO PERFORM ABOVE-CEILING WORK DESCRIBED ON THE FIRE PROTECTION, MECHANICAL, AND ELECTRICAL DRAWINGS.
8. AFTER COMPLETION OF ABOVE-CEILING WORK, ALL DISTURBED CEILING AREAS SHALL BE REPLACED OR PATCHED TO MATCH ORIGINAL HEIGHT, MATERIALS, INSTALLATION, AND FINISH.
9. NEW ROOF PENETRATION WILL BE REQUIRED FOR NEW EXHAUST ON THE ROOF, SEE MECHANICAL DWGS.

Keyed Demolition Notes

- 1 DEMOLISH PORTION OF ACT CEILING IN EXISTING HALL TO ACCOMMODATE NEW LAYOUT.
- 2 DEMOLISH PORTION OF GYP. BD. CEILING IN EXISTING LOCKER ROOMS TO ACCOMMODATE NEW LAYOUT.
- 3 PATCH TO MATCH EXISTING GYP. BD. CEILING WHERE REQUIRED DUE TO WALL MODIFICATIONS.

General Renovation Notes

1. REFER TO SHEET G1.1 FOR ADDITIONAL GENERAL NOTES.
2. SEE SHEET G2.1 FOR LOCATION OF ALL FIRE-RATED WALLS, SMOKE PARTITIONS AND EGRESS CRITERIA.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS. IF CONDITIONS ARE FOUND WHICH DIFFER FROM THOSE SHOWN ON THE DRAWINGS, CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
4. REPAIR DAMAGE TO SPRAYED-ON FIREPROOFING RESULTING FROM CONSTRUCTION ACTIVITY.
5. NEW ROOF PENETRATION WILL BE REQUIRED FOR NEW EXHAUST ON THE ROOF. COORDINATE WITH MECHANICAL DWGS. SEE DETAIL 5/A11.1 FOR ROOF AND CURB FLASHING.

Keyed Renovation Notes

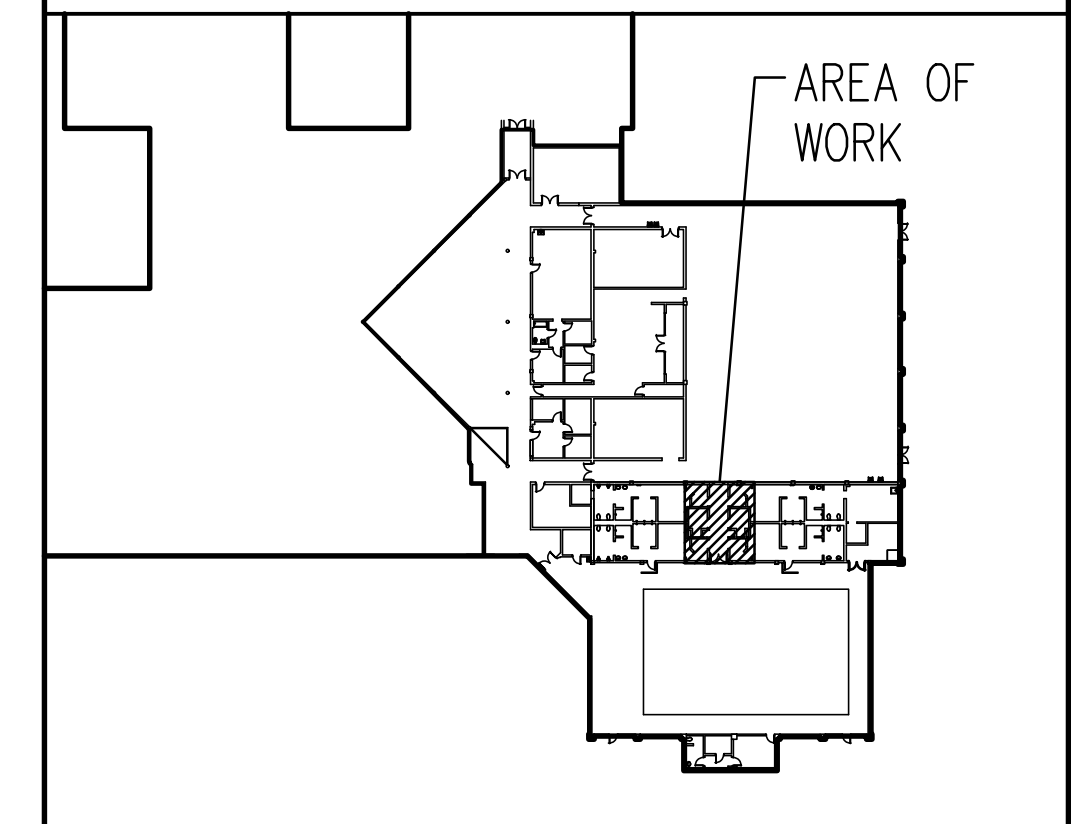
- 1 NEW PORTION OF GYP BD CEILING. PAINT PE-1.
- 2 NEW GYPSUM BOARD CEILING. PAINT EP-1.
- 3 ACCESS DOOR; ACUDOR UF-5500 24"x24"

BASE BID AND ALTERNATE

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KEY PLAN - PARTIAL ENLARGED



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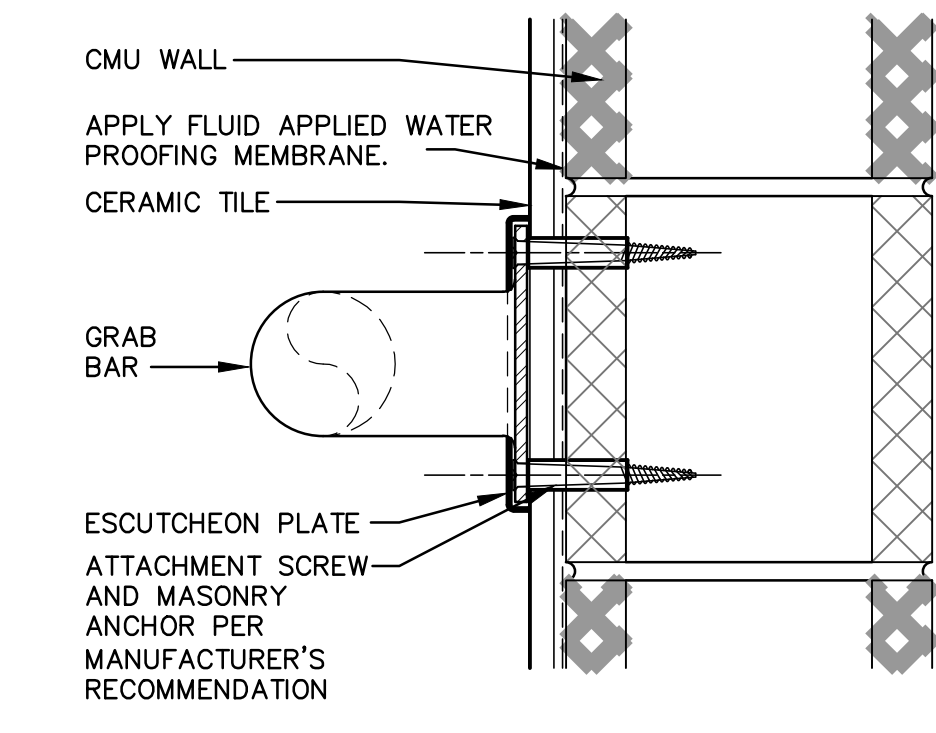
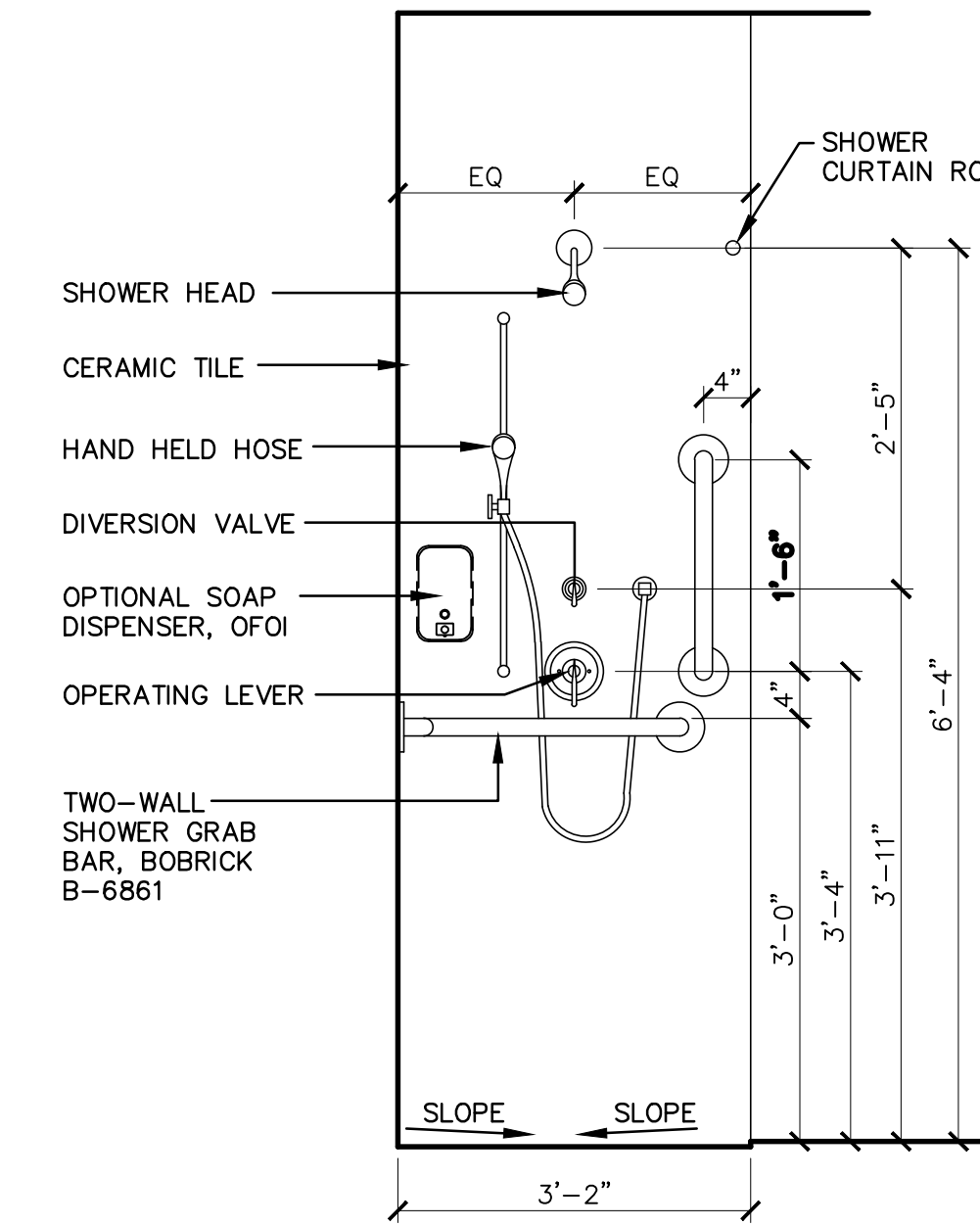
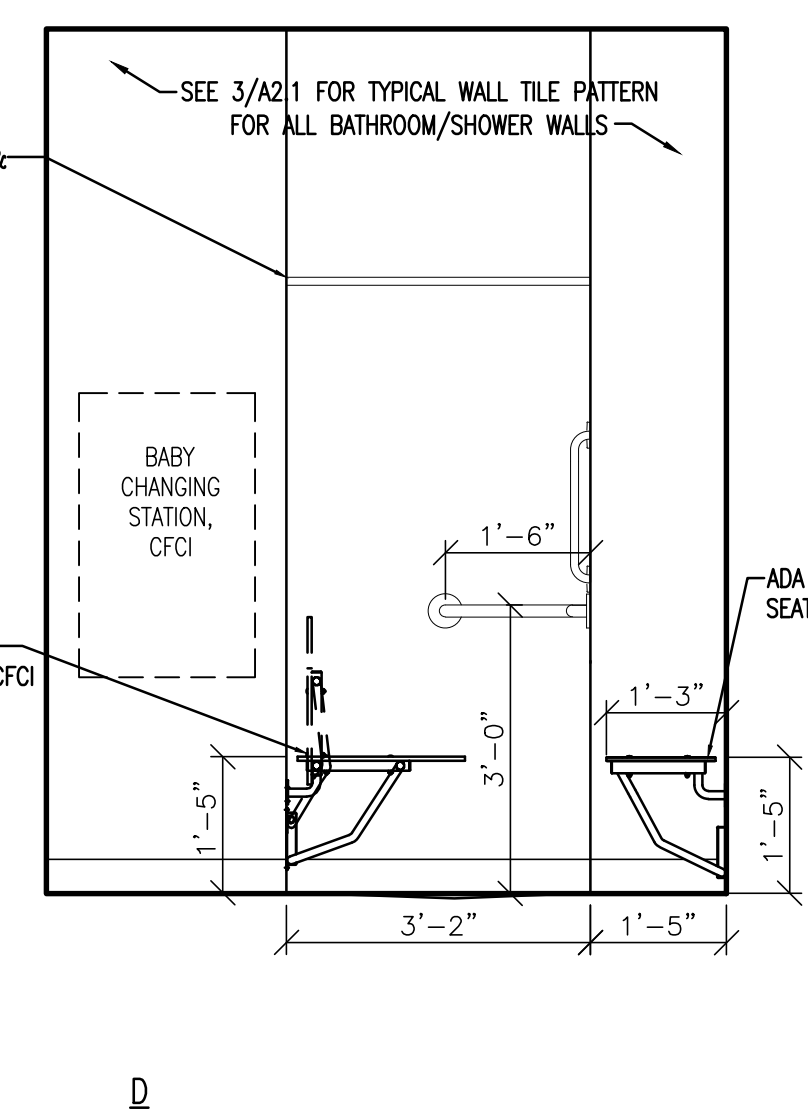
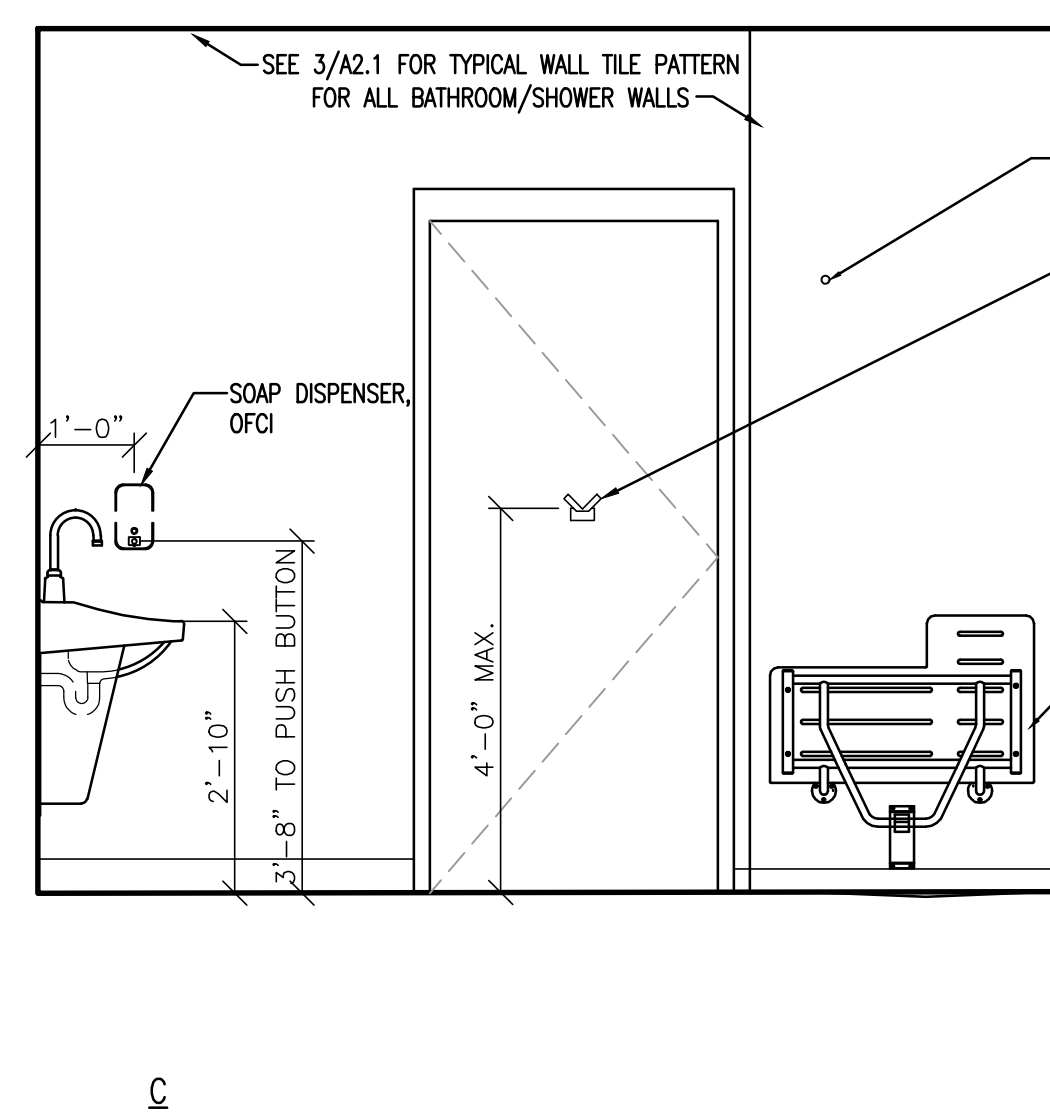
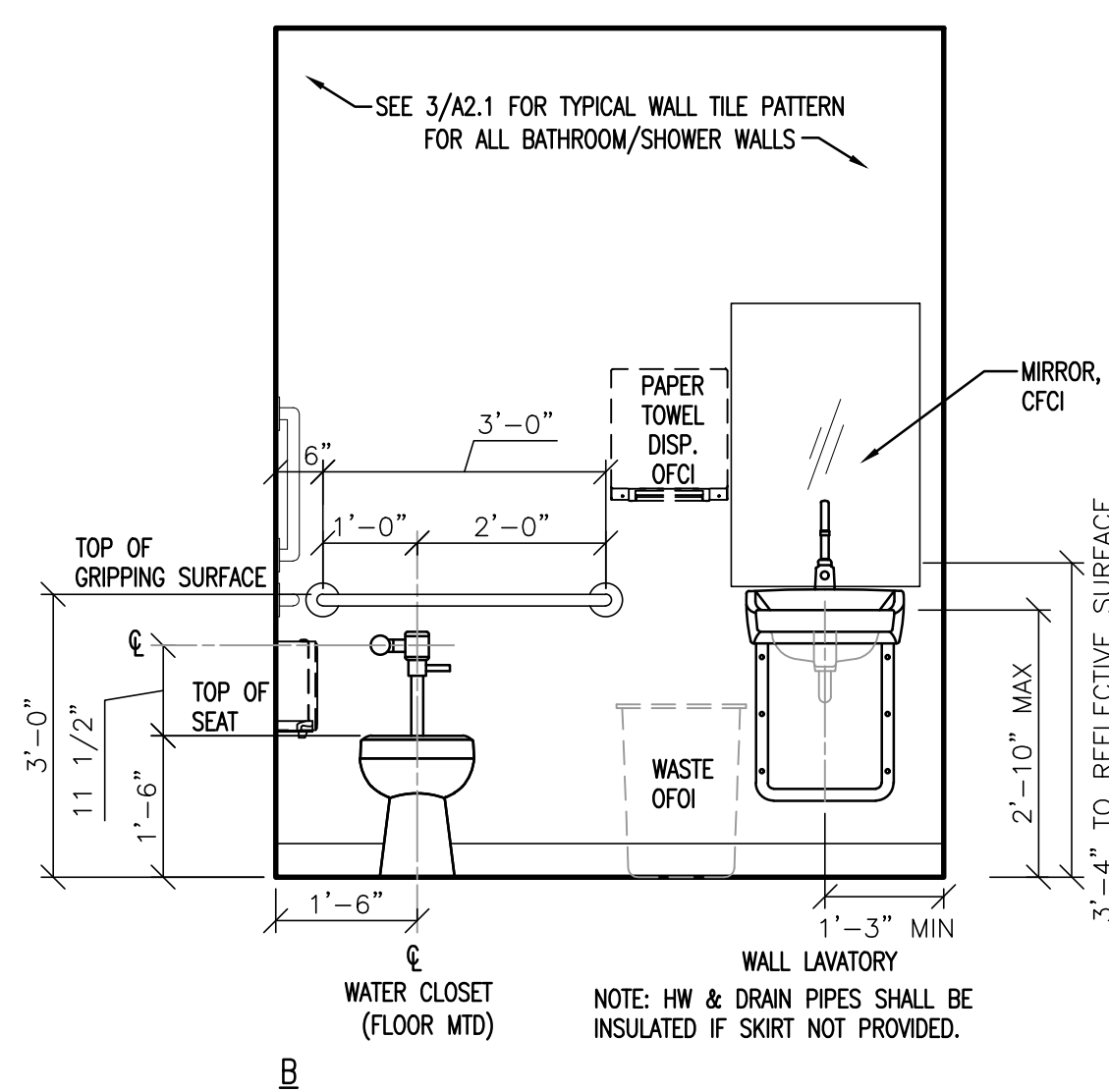
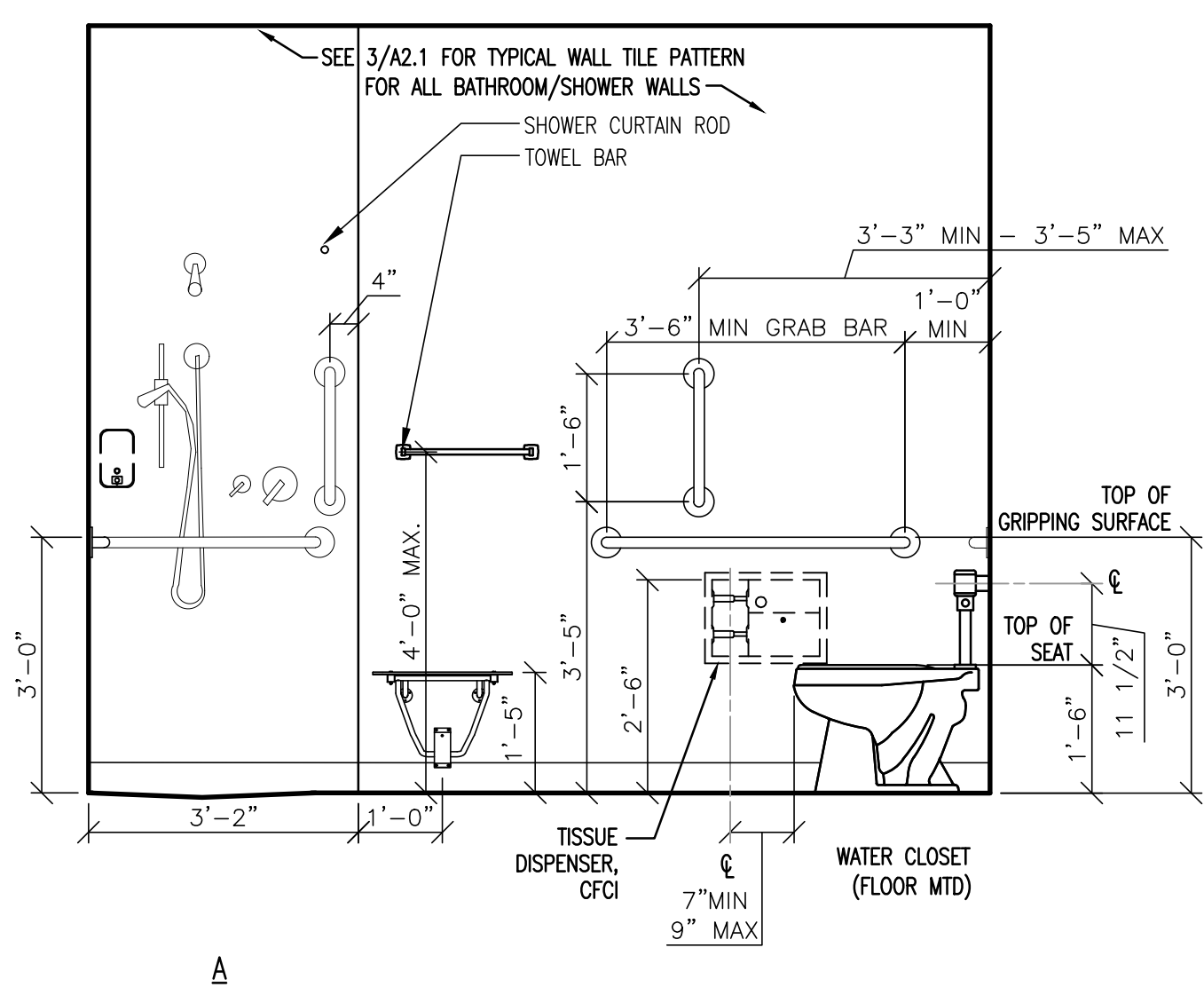
PROJECT TITLE

AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
PARTIAL FIRST FLOOR REFLECTED CEILING DEMOLITION & NEW WORK PLANS

DRAWING NO.
A5.1

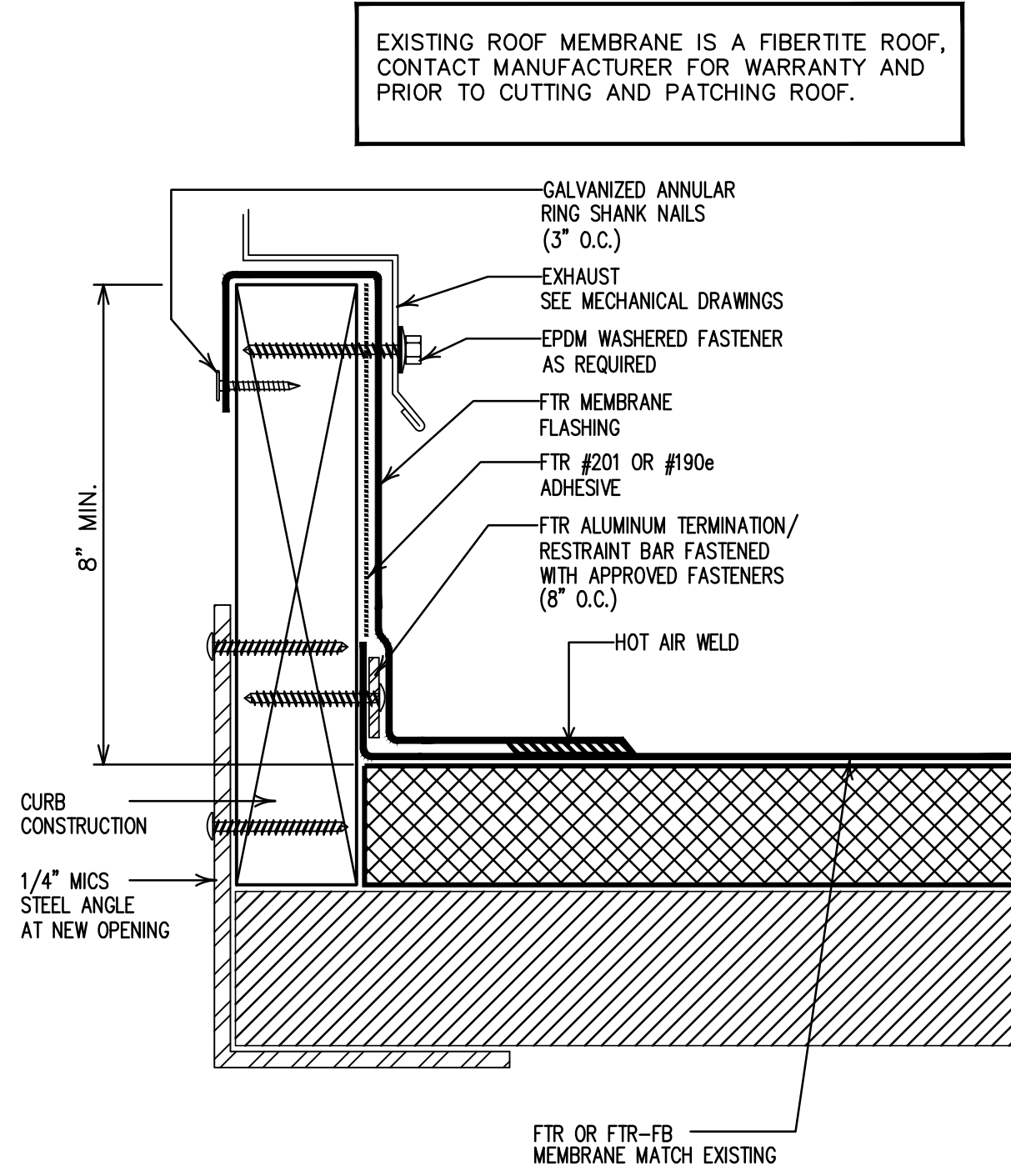
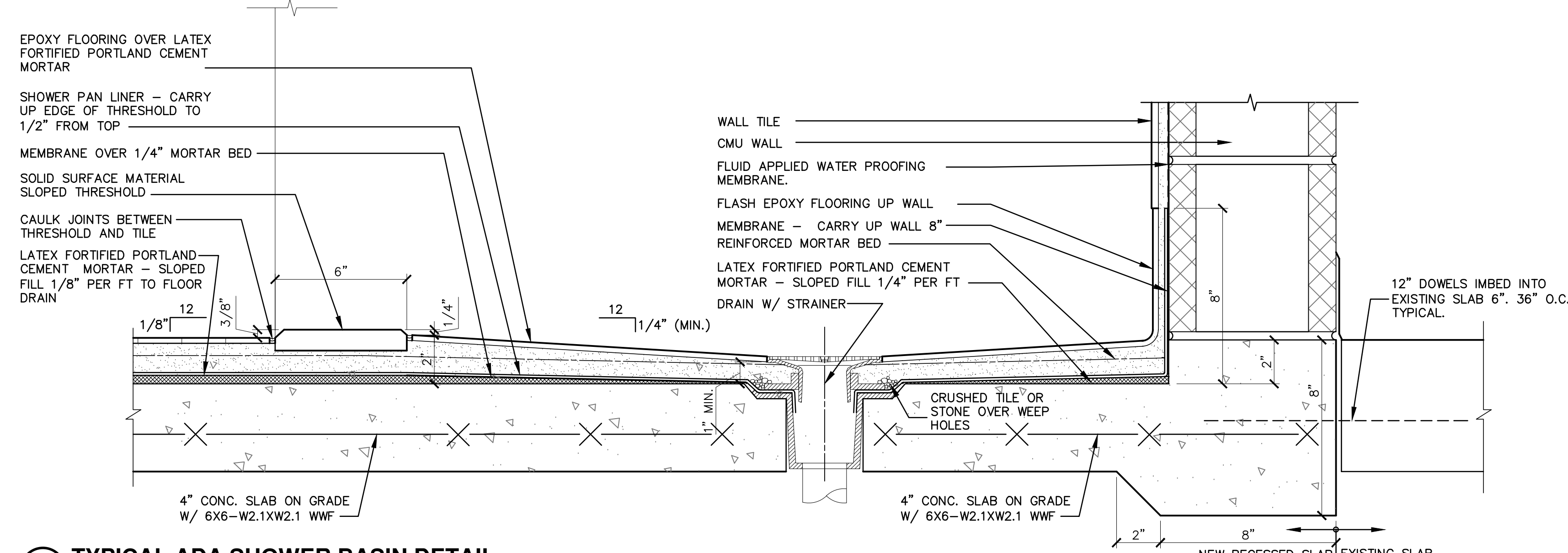
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1 INTERIOR ELEVATIONS - FAMILY SHOWER ROOM
1/2"=1'-0"

2 TYPICAL SHOWER CONTROL WALL ELEVATION
3/4"=1'-0"

3 GRAB BAR SECTION
3"=1'-0"



4 TYPICAL ADA SHOWER BASIN DETAIL
3"=1'-0"

5 TYPICAL FIBERTITE CURB DETAIL
3"=1'-0"

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

NOTE: REFER TO DOOR SCHEDULE FOR DOOR SIZE, MATERIAL, & FINISH.

D1

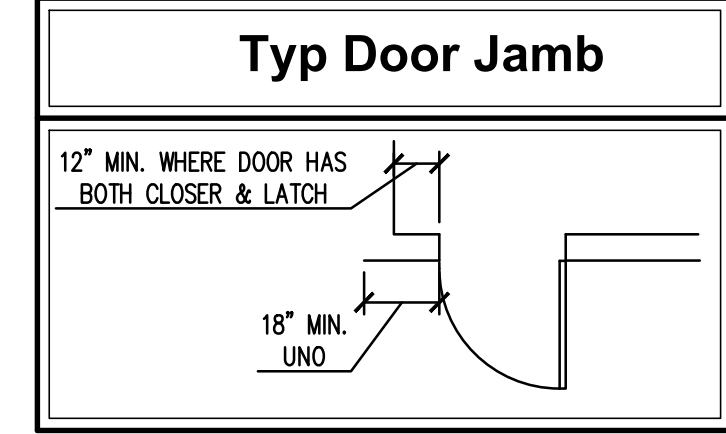
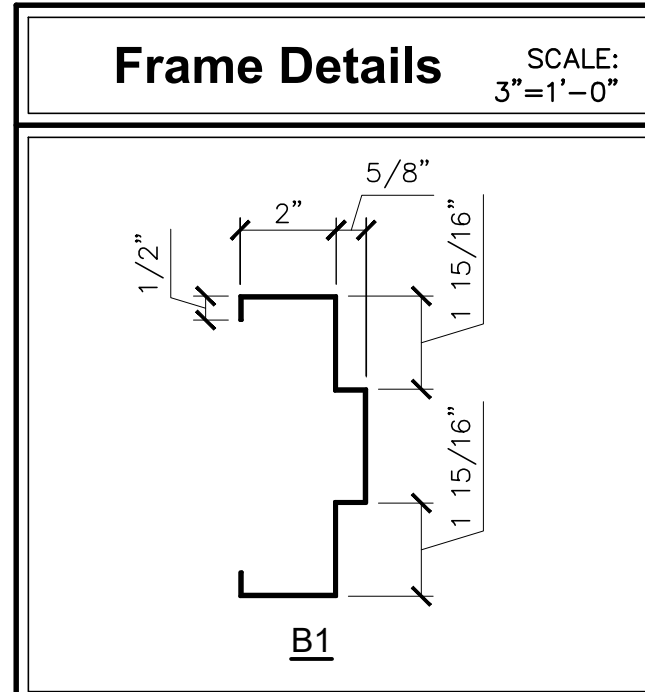
Door Schedule

DOOR NUMBER	DOOR				FRAME				HARDWARE (SEE SPECS)	RATING	NOTES
	WIDTH	HEIGHT	MATERIAL	FINISH	ELEVATION	MATERIAL	DETAIL	FINISH			
101	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	2	20MIN. IN A 1 HR CORRIDOR.
102	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	1	20MIN. IN A 1 HR CORRIDOR.
103	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	1	20MIN. IN A 1 HR CORRIDOR.
104	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	2	20MIN. IN A 1 HR CORRIDOR.
105	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	1	20MIN. IN A 1 HR CORRIDOR.
106	3'-0"	7'-0"	SC WD	MATCH EXISTING	D1	HM	B1	PS-1	F1	1	20MIN. IN A 1 HR CORRIDOR.

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

NOTE: REFER TO DOOR SCHEDULE FOR MATERIAL AND FINISH.

F1



Typical Hardware Location

DOOR LEVER:	Ø OF LEVER	- 39 5/16" FROM FINISHED FLOOR
DEAD BOLT:	Ø OF BOLT	- 42" WHERE NO DOOR LEVER - 44" WHERE DOOR LEVER
DOOR PULL:	Ø OF GRIP	- 42" FROM FINISHED FLOOR
PUSH PLATE:	Ø OF PLATE	- 45" FROM FINISHED FLOOR
PUSH BARS:	Ø OF BAR	- 40" FROM FINISHED FLOOR
HOSPITAL ARM PULLS:	Ø OF LOWER BASE	- 45" FROM FINISHED FLOOR
HOSPITAL LATCH:	Ø OF LATCH	- 45 3/4" FROM FINISHED FLOOR
EXIT DEVICES:		
PUSH BAR:	Ø OF TOUCH BAR	- 40" FROM FINISHED FLOOR
LEVER BAR:	Ø OF CROSS BAR	- 36" FROM FINISHED FLOOR

NOTE: ALL CONDITIONS SHOWN ARE NOT NECESSARILY ON EVERY PROJECT.

BASE BID AND ALTERNATE

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REG PROJECT NO. 20210180
 CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
INTERIOR ELEVATIONS, DOOR SCHEDULE & DETAILS

DRAWING NO.
A11.1

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LEGEND

ALL SYMBOLS AND ABBREVIATIONS ARE NOT NECESSARILY USED ON THIS PROJECT

1B	1 HOUR FIRE BARRIER
2	2 HOUR FIRE BARRIER
1P	1 HOUR FIRE PARTITION
2HR	2 HOUR FIRE WALL
3HR	3 HOUR FIRE WALL
4HR	4 HOUR FIRE WALL
1	1 HOUR FIRE RESISTANT RATED SMOKE BARRIER
2	2 HOUR FIRE RESISTANT RATED SMOKE BARRIER
●●●●●●	SMOKE PARTITION (NON-RATED)
—	SANITARY DRAIN/WASTE PIPING
---	SANITARY VENT PIPING
---	DOMESTIC COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING
---	DOMESTIC HOT WATER RETURN PIPING
---AV---	ACID VENT PIPING
—AW—	ACID WASTE PIPING
—CA—	COMPRESSED AIR (NON-MEDICAL) PIPING
—DI—	DE-IONIZED WATER PIPING
—DRN—	EQUIPMENT DRAIN PIPING
—EV—	WASTE ANESTHETIC GAS DISPOSAL (EVACUATION) PIPING
—MA—	MEDICAL AIR PIPING
—MU—	EQUIPMENT MAKEUP (NON-POTABLE) WATER PIPING
—MV—	MEDICAL VACUUM PIPING
—N—	NITROGEN PIPING
—NO—	NITROUS OXIDE PIPING
—OX—	OXYGEN PIPING
—RL—	ROOF LEADER (STORM DRAIN)
—RO—	REVERSE OSMOSIS WATER PIPING
—SD—	STORM DRAIN PIPING
—	PIPING CAP, PLUG OR BLIND FLANGE
→	FLOW ARROW (INDICATES DIRECTION OF FLOW)
CO-1	CLEANOUT; SEE PLUMBING SPECIALTY SCHEDULE
FCO-1	FLOOR CLEANOUT; SEE PLUMBING SPECIALTY SCHEDULE
FD-1	FLOOR DRAIN; SEE PLUMBING SPECIALTY SCHEDULE
FS-1	FLOOR SINK; SEE PLUMBING SPECIALTY SCHEDULE
GCO-1	GRADE CLEANOUT; SEE PLUMBING SPECIALTY SCHEDULE
PRD-1	PRIMARY ROOF DRAIN; SEE PLUMBING SPECIALTY SCHEDULE
SRD-1	SECONDARY (EMERGENCY) ROOF DRAIN; SEE PLUMBING SPECIALTY SCHEDULE
TD-1	TRENCH DRAIN; SEE PLUMBING SPECIALTY SCHEDULE
WCO-1	WALL CLEANOUT; SEE PLUMBING SPECIALTY SCHEDULE
VTR	VENT THROUGH ROOF
BFP-1	BACKFLOW PREVENTER; SEE PLUMBING SPECIALTY SCHEDULE
HB	HOSE BIBB; WALL-MOUNTED AT 24" AFF/AFG UNO

HY-1	WALL HYDRANT; WALL-MOUNTED AT 24" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
MHY-1	MIXING WALL HYDRANT; WALL-MOUNTED AT 24" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
F	FLOW METER
P-1	PUMP; SEE PUMP SCHEDULE
S	STRAINER WITH BLOWDOWN VALVE
F	FILTER
M	MOISTURE SEPARATOR
V	VACUUM BREAKER OR VACUUM RELIEF VALVE
G	PRESSURE GAUGE WITH GAUGE COCK
T	THERMOMETER
WHA-X	WATER HAMMER ARRESTER; SEE PLUMBING SPECIALTY SCHEDULE
FC	FLEXIBLE CONNECTOR
U	UNION
AP-1	MEDICAL GAS ALARM PANEL; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
ZV-1	MEDICAL GAS ZONE VALVE; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
EV-1	WASTE ANESTHETIC GAS DISPOSAL (EVACUATION) INLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
MA-1	MEDICAL AIR OUTLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
MV-1	MEDICAL VACUUM INLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
N-1	NITROGEN OUTLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
NO-1	NITROUS OXIDE OUTLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
OX-1	OXYGEN OUTLET; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
VS-1	MEDICAL VACUUM SLIDE; WALL-MOUNTED AT 60" AFF UNO; SEE PLUMBING SPECIALTY SCHEDULE
PRV-1	PRESSURE REDUCING VALVE OR PRESSURE REGULATOR; SEE PRESSURE REDUCING VALVE SCHEDULE
S	SAFETY VALVE OR RELIEF VALVE
M	MOTORIZED VALVE OR SOLENOID VALVE
B	BALL VALVE
B	BALANCING VALVE
C	CHECK VALVE
1 P1.1	REFERENCE TO ENLARGED PLAN, ELEVATION, SECTION OR DETAIL; TOP SECTION INDICATES ENLARGED PLAN, ELEVATION, SECTION OR DETAIL NUMBER; BOTTOM SECTION INDICATES DRAWING ON WHICH ENLARGED PLAN, ELEVATION, SECTION OR DETAIL APPEARS
#	NOTE NUMBER
●	CONNECTION POINT TO EXISTING
ACFM	ACTUAL CUBIC FEET PER MINUTE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AV	ACID VENT
AW	ACID WASTE
CA	COMPRESSED AIR
CU FT	CUBIC FEET
CW	DOMESTIC COLD WATER
DRN	EQUIPMENT DRAIN
DWV	SANITARY DRAIN/WASTE & VENT
ER	EXISTING TO BE RELOCATED
ETR	EXISTING TO REMAIN
EV	WASTE ANESTHETIC GAS DISPOSAL (EVACUATION)
EW	ENTERING WATER TEMPERATURE
EX	EXISTING
F	DEGREES FAHRENHEIT
FT	FEET

GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RETURN
HZ	HERTZ (ELECTRICAL)
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCHES
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MA	MEDICAL AIR
MAX	MAXIMUM
MIN	MINIMUM
MU	EQUIPMENT MAKEUP (NON-POTABLE) WATER
MV	MEDICAL VACUUM
N	NITROGEN
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NITROUS OXIDE
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER-FURNISHED CONTRACTOR-INSTALLED
OFOI	OWNER-FURNISHED OWNER-INSTALLED
OX	OXYGEN
PH	PHASE (ELECTRICAL)
PPH	POUNDS PER HOUR
PSIG	POUNDS PER SQUARE INCH (GAUGE)
RO	REVERSE OSMOSIS WATER
RL	ROOF LEADER (STORM DRAIN)
RPM	REVOLUTIONS PER MINUTE
SCFM	STANDARD CUBIC FEET PER MINUTE
SD	STORM DRAIN
SQ FT	SQUARE FEET
TOTO	TURN OVER TO OWNER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	SANITARY VENT
VTR	VENT THROUGH ROOF
W	SANITARY DRAIN/WASTE
WPD	WATER PRESSURE DROP

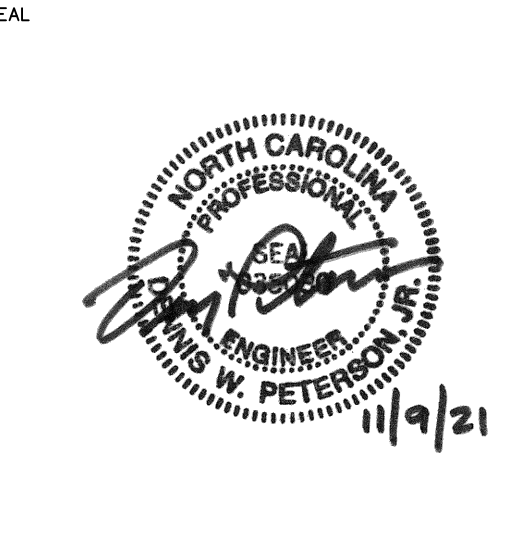
GENERAL NOTES

- REFER TO NOTES ON THE 'G' SERIES DRAWINGS FOR GENERAL REQUIREMENTS OF THE PROJECT.
- UNLESS NOTED OTHERWISE, DRAWINGS ARE DIAGRAMMATIC IN NATURE. COORDINATE INSTALLATION OF SYSTEM COMPONENTS WITH ACTUAL FIELD CONDITIONS; THE WORK OF OTHER TRADE CONTRACTORS, AND FOR MAINTENANCE ACCESS. INSTALL COMPONENTS SO THAT THEY DO NOT BLOCK ACCESS TO OTHER SYSTEM COMPONENTS REQUIRING MAINTENANCE. GIVE PRIORITY TO SYSTEMS THAT REQUIRE A SPECIFIED SLOPE.
- EXAMINE THE PROJECT SITE PRIOR TO SUBMITTING BIDS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE EXTENT AND NATURE OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR FAILURE TO THOROUGHLY EXAMINE EXISTING CONDITIONS TO DETERMINE THE EXACT SCOPE OF THIS PROJECT, INCLUDING DEMOLITION WORK.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, MATERIALS, AND LABOR AS REQUIRED FOR THE COMPLETE PROJECT UNLESS CERTAIN PORTIONS OF THE WORK ARE SPECIFICALLY IDENTIFIED AS 'BY OTHERS', 'BY OWNER', 'NOT IN CONTRACT', OR SIMILAR WORDING.
- CONTRACTOR IS RESPONSIBLE FOR CUTTING, CORE DRILLING, PATCHING, ETC. FOR PROPER EXECUTION AND COMPLETION OF THE WORK. WHEN CUTTING OR CORE DRILLING THROUGH EXISTING BUILDING ASSEMBLIES, CONTRACTOR SHALL VERIFY LOCATION OF ALL STRUCTURAL ELEMENTS PRIOR TO CUTTING OR CORE DRILLING. PATCH BUILDING ASSEMBLIES TO MATCH EXISTING ADJACENT FINISHES UNLESS NOTED OTHERWISE.
- SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) IN ACCORDANCE WITH THE UL LISTED SYSTEMS SHOWN ON THE 'G' SERIES DRAWINGS.
- SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH NON-RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) WITH MATERIALS CONSISTENT WITH THE ASSEMBLY CONSTRUCTION (GYPSUM WALLBOARD, JOINT COMPOUND, MORTAR, GROUT, CAULK, ETC.).
- COORDINATE ALL WORK WITH THE OWNER. WORK ABOVE, BELOW, NEAR, OR INSIDE OCCUPIED AREAS MAY HAVE TO BE PERFORMED DURING OFF-HOURS (NIGHTS AND WEEKENDS). SCHEDULE ALL OFF-HOURS WORK IN ADVANCE WITH THE OWNER. INCLUDE OVERTIME LABOR FOR OFF-HOURS WORK IN THE BASE BID. WHEN WORKING INSIDE OCCUPIED AREAS, COVER AND PROTECT ALL FURNITURE, EQUIPMENT, ETC. WITH FIRE-RETARDANT PLASTIC SHEETING. THOROUGHLY CLEAN THE PROJECT AREA AFTER WORK IS COMPLETED.
- COORDINATE INSTALLATION OF CEILING MOUNTED DEVICES. WHEN INSTALLED IN LAY-IN CEILINGS, DEVICES SHALL BE CENTERED WITHIN CEILING TILES. WHEN INSTALLED IN GYPSUM BOARD CEILINGS, DEVICES SHALL BE COORDINATED AND ALIGNED WITH THE WORK OF OTHER TRADE CONTRACTORS.
- COORDINATE INSTALLATION OF WORK ABOVE EXISTING CEILINGS THAT ARE NOT INDICATED TO BE REMOVED AS PART OF THIS PROJECT. REMOVE, STORE, AND REINSTALL EXISTING LAY-IN CEILING TILES AND/OR GRID; AND/OR CUT AND PATCH EXISTING GYPSUM BOARD CEILINGS AS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- COORDINATE AND SCHEDULE ALL SHUTDOWNS OF EXISTING UTILITIES TWO WEEKS IN ADVANCE WITH THE OWNER. ALL OR SOME OF THIS WORK MAY HAVE TO BE PERFORMED DURING OFF-HOURS (NIGHTS AND WEEKENDS). INCLUDE OVERTIME LABOR FOR OFF-HOURS WORK IN THE BASE BID.
- EXISTING AREAS OF THE FACILITY (WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMITS) DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING SYSTEM COMPONENTS INDICATED ON THE DRAWINGS ARE BASED ON CURSORY FIELD INVESTIGATIONS AND EXISTING DRAWINGS, AND MAY OR MAY NOT BE LOCATED OR LABELED CORRECTLY. EXAMINE ALL AREAS OF THE PROJECT AND FIELD IDENTIFY / VERIFY ALL SYSTEM COMPONENTS PRIOR TO COMMENCING DEMOLITION OR NEW CONSTRUCTION. IDENTIFICATION AND VERIFICATION SHALL INCLUDE TRACING EACH SYSTEM COMPONENT TO DETERMINE ITS EXACT ORIGIN AND THE AREA OR EQUIPMENT THE SYSTEM COMPONENT SERVES. REPORT TO THE ARCHITECT AND/OR ENGINEER ALL SUCH DISCOVERIES OF SYSTEM COMPONENTS THAT ARE UNIDENTIFIED OR ARE FOUND TO BE IN A DIFFERENT LOCATION FROM THAT INDICATED.
- UNLESS NOTED OTHERWISE, DEMOLISH AND REMOVE ALL SYSTEM COMPONENTS INDICATED ON THE DEMOLITION DRAWINGS. UNLESS NOTED OTHERWISE, ALL SYSTEM COMPONENTS SHALL BE REMOVED BACK TO THE SOURCE AND CAPPED APPROPRIATELY.
- DEMOLITION WORK SHALL BE PERFORMED WITH DUE CARE AND DILIGENCE. TAKE ALL NECESSARY MEASURES TO PREVENT THE ARBITRARY INTERRUPTION OR DESTRUCTION OF CONCEALED SYSTEM COMPONENTS THAT ARE TO REMAIN OPERATIONAL, AND THE ROUTING OF WHICH COULD NOT BE DETERMINED UNTIL THE COMMENCEMENT OF DEMOLITION WORK.
- EXISTING SYSTEM COMPONENTS INDICATED TO BE RELOCATED AND/OR REUSED SHALL BE INSPECTED FOR PROPER OPERATION, THOROUGHLY CLEANED, AND PREPARED FOR REINSTALLATION.
- THE OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SYSTEM COMPONENTS REMOVED DURING DEMOLITION. SYSTEM COMPONENTS NOT DESIRED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE.
- SYSTEM COMPONENTS SERVING AREAS OF THE PROJECT OCCUPIED BY THE OWNER DURING CONSTRUCTION SHALL BE MAINTAINED UNTIL THE OWNER VACATES THE AREA.
- ALL AFF/AFG DIMENSIONS ARE REFERENCED TO THE CENTER OF THE EQUIPMENT OR DEVICE UNLESS NOTED OTHERWISE.
- VERIFY THE LOCATION AND INVERT ELEVATION OF EXISTING DRAIN PIPING LOCATED BELOW GRADE/SLAB AT ALL CONNECTION POINTS OF NEW PIPING TO EXISTING PRIOR TO EXCAVATION AND/OR CONCRETE CUTTING/REMOVAL.

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SEAL	
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BY:	CHK	DWP
DATE:	11/9/21	
REV:	0	
DESCRIPTION:	CONSTRUCTION DOCUMENTS	

REG PROJECT NO. 20210180

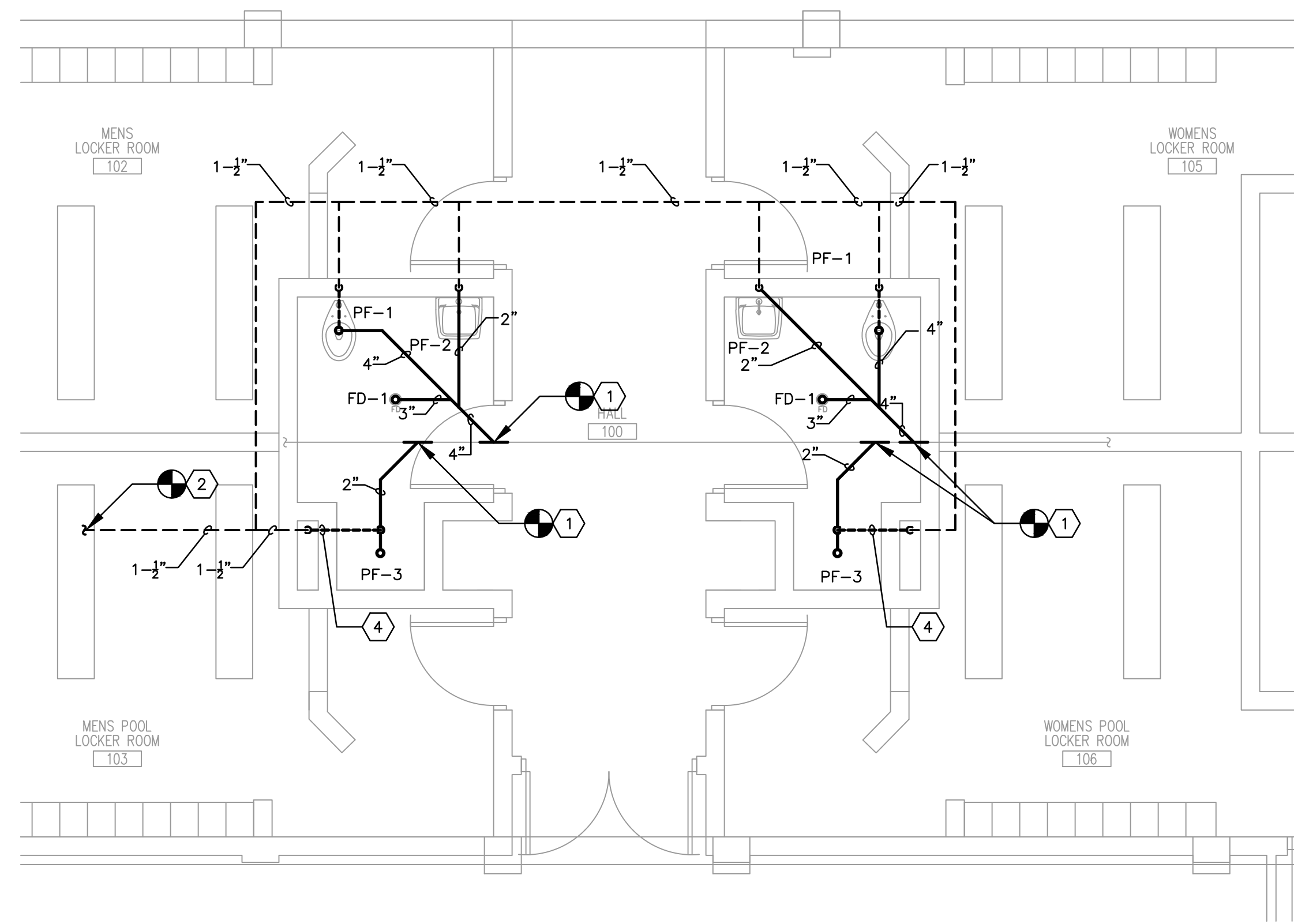
CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

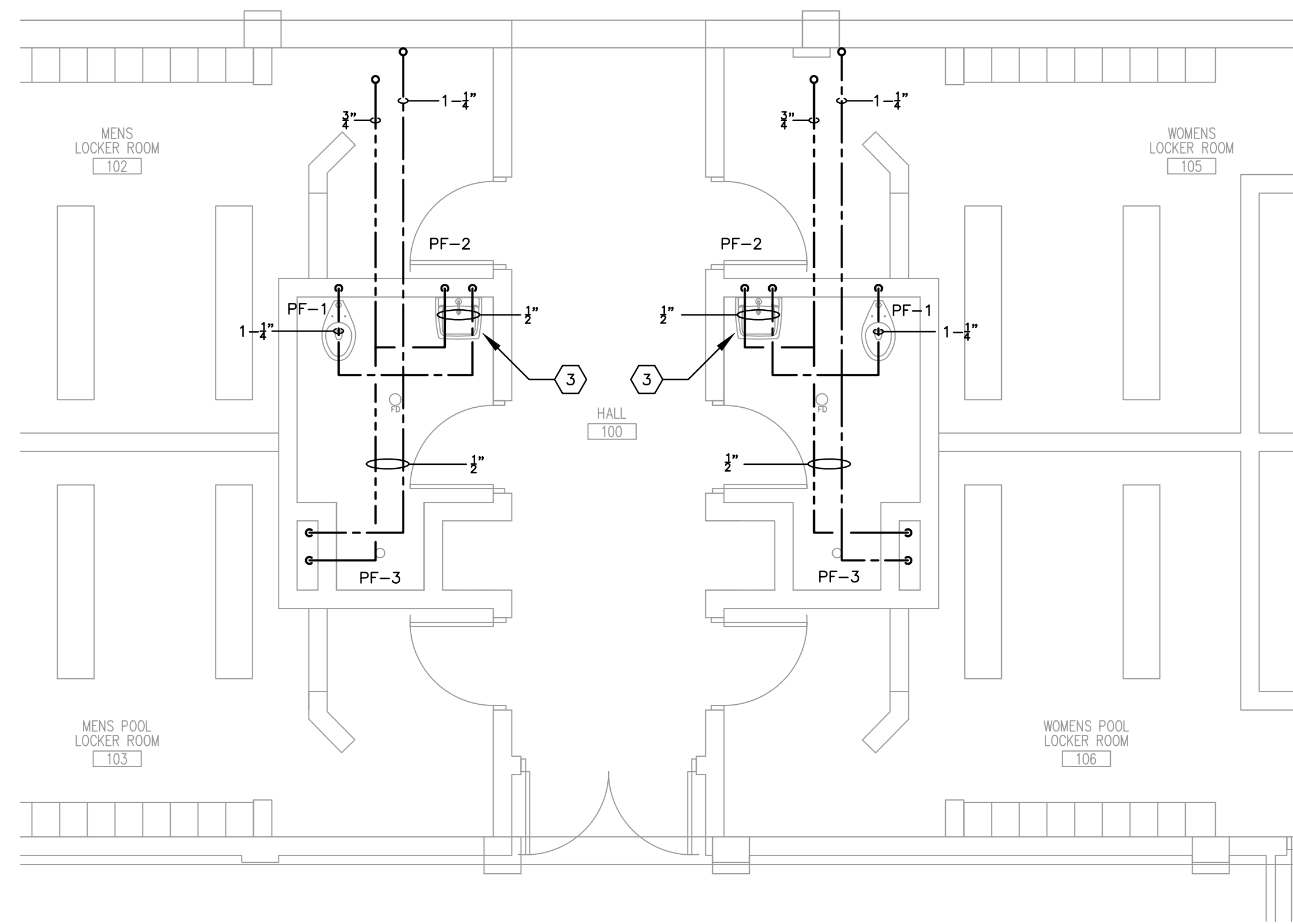
DRAWING TITLE
LEGEND & GENERAL NOTES

DRAWING NO.
P0.1

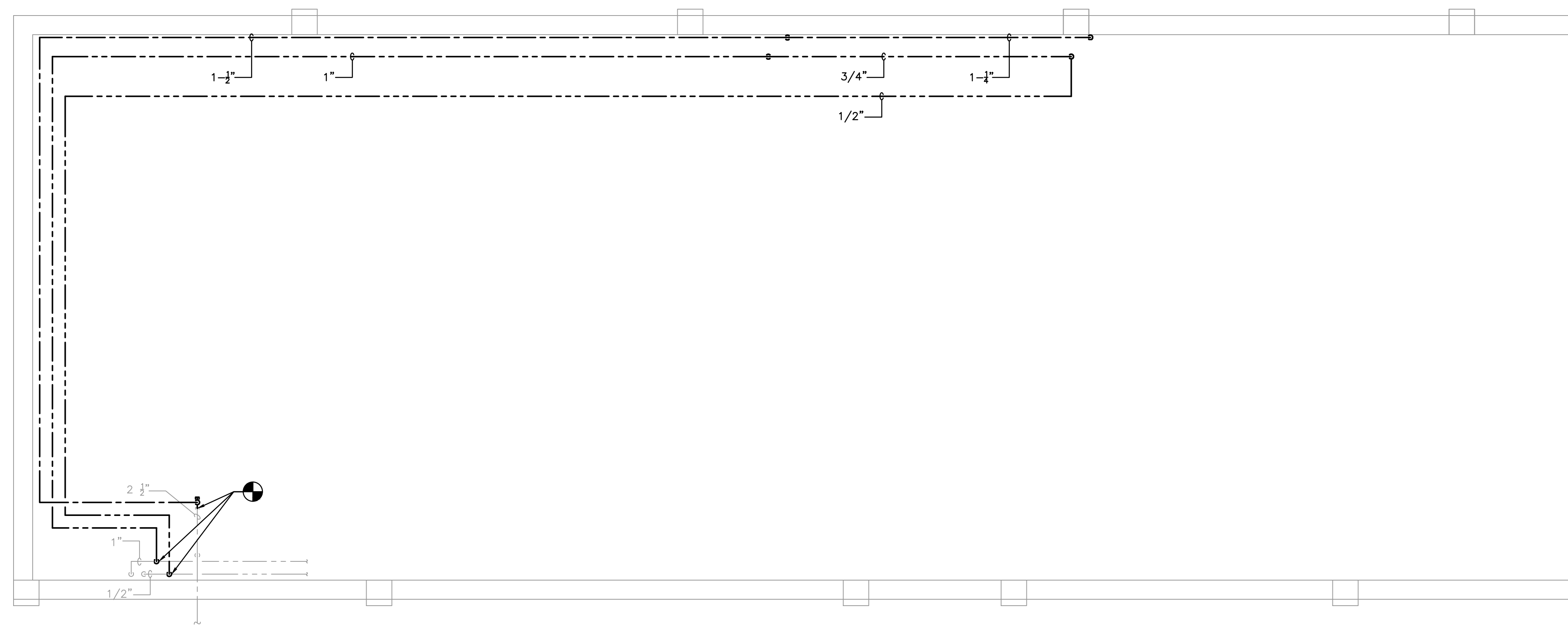
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1 PARTIAL FIRST FLOOR SANITARY DRAIN/WASTE AND VENT PLAN
1/4"=1'-0"



2 PARTIAL FIRST FLOOR WATER PLAN
1/4"=1'-0"



3 PARTIAL MEZZANINE WATER PLAN
1/4"=1'-0"

PLUMBING FIXTURE SCHEDULE											
SYMBOL	FIXTURE TYPE	DESCRIPTION	COLOR/FINISH	MANUFACTURER & MODEL NO. *	W (IN)	V (IN)	DW (IN)	HW (IN)	ADA	REMARKS	
PF-1	FLOOR-MOUNTED WATER CLOSET	TOILET	VITREOUS CHINA; LOW CONSUMPTION (1.6 GPF); ELONGATED BOWL; SIPHON JET ACTION; TOP SPUD	WHITE	KOHLER K-96057	4	1-1/2	1-1/4	-	YES	-
		SEAT	OPEN FRONT WITHOUT COVER; FOR ELONGATED BOWL; FOUR BUMPERS; SELF-SUSTAINING HINGES; STAINLESS STEEL HARDWARE	WHITE	CHURCH 9500SSCT						
		FLUSH VALVE	EXPOSED; LOW CONSUMPTION (1.6 GPF)	-	ZURN Z6000AV-WS1						
PF-2	WALL-MOUNTED LAVATORY	LAVATORY	VITREOUS CHINA; FOR WALL HANGER SUPPORT; 2 HOLES AT 4" ON CENTER	WHITE	KOHLER K-1728	2	1-1/2	1/2	1/2	YES	-
		FAUCET	SENSOR-OPERATED; 0.5 GPM VANDAL-RESISTANT AERATOR; PLUG-IN; 4" DECK PLATE; MINGING VALVE	-	ZURN Z6913-XL-F-ACA-CP4-TMV1						
		P-TRAP	1-1/4"x1-1/4"; BRASS BODY WITH CLEANOUT; 17 GA. SEAMLESS WALL BEND; CAST BRASS SLIP NUTS; BRASS WALL FLANGE	-	McGUIRE 8872C						
		SUPPLY STOPS	1/2" SWEAT x 1/2" COMPRESSION; STANDARD DUTY; WHEEL HANDLE; 12" COPPER RISERS; BRASS WALL FLANGE	-	McGUIRE LF171						
		STRAINER	BRASS BODY; PERFORATED STRAINER; 1-1/4" BRASS TAILPIECE	-	McGUIRE PRODRAIN						
		PIPING ENCLOSURE	RIGID, HIGH-IMPACT PVC	WHITE	TRUEBRO LAV SHIELD						
		CARRIER	PLATE SYSTEM	-	ZURN Z1259						
PF-3	SHOWER	DRAIN	PVC BODY; ROUND STAINLESS STEEL STRAINER; RUBBER GASKET AND SECURING NUT	-	ZURN FD2275-PV2	2	1-1/2	1/2	1/2	YES	-
		MIXING VALVE	SINGLE HANDLE; PRESSURE-BALANCING; HAND/WALL SHOWER HEAD; 60" METAL HOSE; 24" MOUNTING BAR; VACUUM BREAKER	-	ZURN Z7300-SS-HW-MT-VB						

* SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.

PLUMBING SPECIALTY SCHEDULE				
SYMBOL	SPECIALTY TYPE	DESCRIPTION	MANUFACTURER & MODEL NO. *	REMARKS
FD-1	FLOOR DRAIN	PVC BODY; BOTTOM OUTLET; ROUND NICKEL BRONZE STRAINER	ZURN FD2210-NT	-

* SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.

- Keyed New Work Notes**
- CONNECT TO EXISTING SANITARY DRAIN LINE.
 - CONNECT VENT TO EXISTING VENT PIPING ABOVE CEILING IN AREA.
 - PROVIDE HOSE BIBB UNDER SINK.
 - VENT SHALL RISE VERTICALLY 6" BELOW FLOOR BEFORE OFFSETTING HORIZONTALLY.

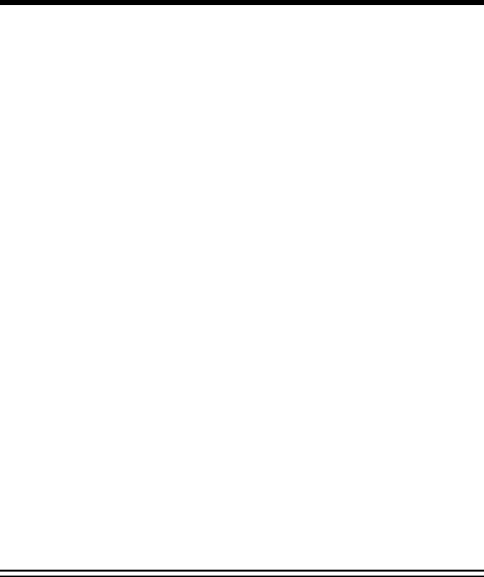


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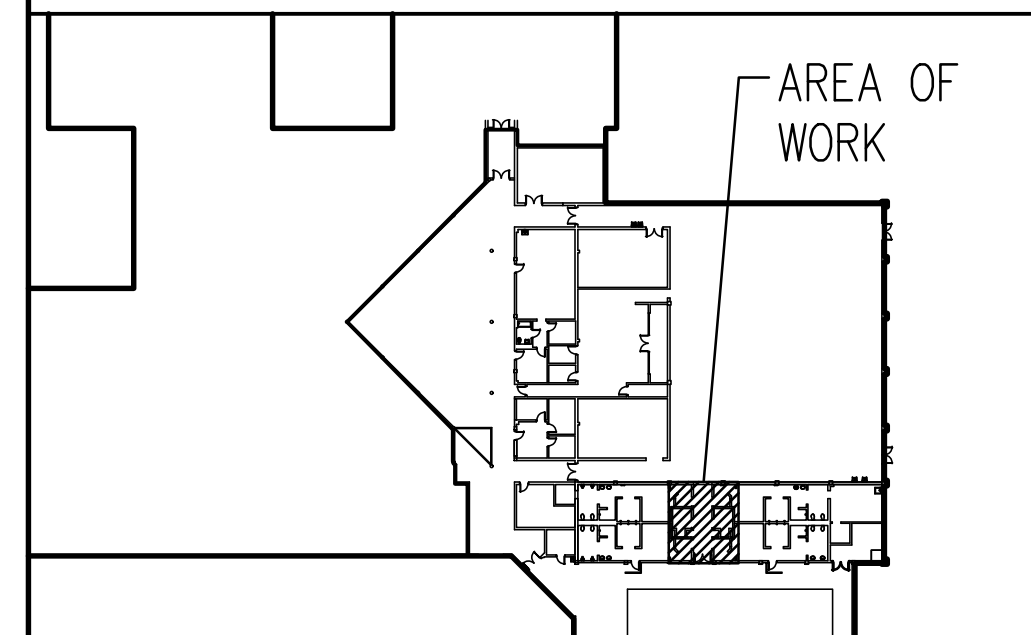
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0	11/9/21	CONSTRUCTION DOCUMENTS	DHB	PS

BASE BID AND ALTERNATE

BASE BID: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.

ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.

KEY PLAN - PARTIAL ENLARGED



REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
PARTIAL FIRST FLOOR DEMOLITION AND NEW WORK PLANS AND SCHEDULES

DRAWING NO.
P2.1

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LEGEND

ALL SYMBOLS AND ABBREVIATIONS ARE NOT NECESSARILY USED ON THIS PROJECT

1B	1 HOUR FIRE BARRIER
2B	2 HOUR FIRE BARRIER
1P	1 HOUR FIRE PARTITION
2HR	2 HOUR FIRE WALL
3HR	3 HOUR FIRE WALL
4HR	4 HOUR FIRE WALL
1R	1 HOUR FIRE RESISTANT RATED SMOKE BARRIER
2R	2 HOUR FIRE RESISTANT RATED SMOKE BARRIER
SP	SMOKE PARTITION
24"x12"φ	FLAT OVAL DUCTWORK
24"x12"	RECTANGULAR DUCTWORK
24"φ	ROUND DUCTWORK
FD	FLEXIBLE DUCTWORK
MD	MANUAL VOLUME DAMPER
FD	FIRE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
SD	SMOKE DAMPER
AD	DUCT ACCESS DOOR
90°	90° ELBOW WITH TURNING VANES
CS1 100	CEILING-MOUNTED SUPPLY DIFFUSER; SEE CEILING SUPPLY DIFFUSER SCHEDULE
CR1 100	CEILING-MOUNTED RETURN/EXHAUST GRILLE; SEE CEILING RETURN/EXHAUST GRILLE SCHEDULE
SD-1	SINGLE DUCT REHEAT TERMINAL; SEE SINGLE DUCT REHEAT TERMINAL SCHEDULE
DD-1	DUAL DUCT MIXING TERMINAL; SEE DUAL DUCT MIXING TERMINAL SCHEDULE
F	AIR FLOW MEASURING STATION
H-1	DUCT-MOUNTED HUMIDIFIER; SEE HUMIDIFIER SCHEDULE
P	DUCT-MOUNTED DIFFERENTIAL PRESSURE TRANSMITTER
S	DUCT-MOUNTED SMOKE DETECTOR
ATV	ATMOSPHERIC VENT PIPING
BBD	BOILER BLOWDOWN PIPING
BFW	BOILER FEEDWATER PIPING
CA	COMPRESSED AIR PIPING
CF	CHEMICAL FEED PIPING
CDR	CONDENSER WATER RETURN PIPING
CDS	CONDENSER WATER SUPPLY PIPING
CR	CONDENSATE RETURN (PUMPED) PIPING
CWR	CHILLED WATER RETURN PIPING
CWS	CHILLED WATER SUPPLY PIPING
DRN	EQUIPMENT DRAIN PIPING
FOR	FUEL OIL RETURN PIPING
FOS	FUEL OIL SUPPLY PIPING
HPC	HIGH PRESSURE CONDENSATE PIPING
HPS	HIGH PRESSURE STEAM PIPING

HWR	HOT WATER RETURN PIPING
HWS	HOT WATER SUPPLY PIPING
LPC	LOW PRESSURE CONDENSATE PIPING
LPG	LP GAS (PROPANE) PIPING
LPS	LOW PRESSURE STEAM PIPING
MPC	MEDIUM PRESSURE CONDENSATE PIPING
MPS	MEDIUM PRESSURE STEAM PIPING
MU	EQUIPMENT MAKEUP (NON-POTABLE) WATER PIPING
NG	NATURAL GAS PIPING
RG	REFRIGERANT GAS PIPING
RL	REFRIGERANT LIQUID PIPING
PC	PIPING CAP, PLUG OR BLIND FLANGE
PA	PIPING ANCHOR
PEG	PIPING EXPANSION GUIDE
FA	FLOW ARROW (INDICATES DIRECTION OF FLOW)
CO	CHEMICAL INJECTION QUILL
F	FLOW METER
P-1	PUMP; SEE PUMP SCHEDULE
ST-1	STEAM TRAP; SEE STEAM TRAP SCHEDULE
FV	FLOAT VALVE OR FLOAT SWITCH
ST	STRAINER WITH BLOWDOWN VALVE
F	FILTER
MS	MOISTURE SEPARATOR OR AIR SEPARATOR
AV	AUTOMATIC AIR VENT
VB	VACUUM BREAKER OR VACUUM RELIEF VALVE
PG	PRESSURE GAUGE WITH GAUGE COCK
PGS	PRESSURE GAUGE WITH SIPHON TUBE AND GAUGE COCK
T	THERMOMETER
FC	FLEXIBLE CONNECTOR
U	UNION
PRV-1	PRESSURE REDUCING VALVE OR PRESSURE REGULATOR; SEE PRESSURE REDUCING VALVE SCHEDULE
SV	SAFETY VALVE OR RELIEF VALVE
CV-1	2-WAY CONTROL VALVE; SEE CONTROL VALVE SCHEDULE
CV-1	3-WAY CONTROL VALVE; SEE CONTROL VALVE SCHEDULE
MV	MOTORIZED VALVE OR SOLENOID VALVE
BV	BALL VALVE
PV	PLUG VALVE
BV	BUTTERFLY VALVE
GV	GATE VALVE
GV	GLOBE VALVE
BNR	BOILER NON-RETURN (STOP CHECK) VALVE
BV	BALANCING VALVE
CV	CHECK VALVE

MV	MULTIPURPOSE (SHUTOFF/BALANCING/CHECK) VALVE
EC	ELECTRIC CONTROL SIGNAL
PC	PNEUMATIC CONTROL SIGNAL
RA	REMOTE AUDIBLE/VISUAL ALARM; WALL-MOUNTED AT 60" AFF UNO
ES	EMERGENCY EQUIPMENT START/STOP SWITCH; WALL-MOUNTED AT 48" AFF UNO
EF	EMERGENCY FAN STOP BUTTON; WALL-MOUNTED AT 48" AFF UNO
HT	HUMIDITY TRANSMITTER/HUMIDISTAT; WALL-MOUNTED AT 48" AFF UNO
RLD	REFRIGERANT LEAK DETECTOR; WALL-MOUNTED AT 12" AFF UNO
TS	TEMPERATURE SENSOR/THERMOSTAT; WALL-MOUNTED AT 48" AFF UNO
CC	COOLING COIL (CONTROL SCHEMATIC)
H	HUMIDIFIER (CONTROL SCHEMATIC)
HS	HIGH LIMIT HUMIDISTAT (CONTROL SCHEMATIC)
HT	HUMIDITY TRANSMITTER (CONTROL SCHEMATIC)
H	HEATING COIL (CONTROL SCHEMATIC)
LT	LOW TEMPERATURE CUT-OUT (CONTROL SCHEMATIC)
DP	DIFFERENTIAL PRESSURE SWITCH; "H" INDICATES HIGH PRESSURE PORT, "L" INDICATES LOW PRESSURE PORT (CONTROL SCHEMATIC)
DP	DIFFERENTIAL PRESSURE TRANSMITTER; "H" INDICATES HIGH PRESSURE PORT, "L" INDICATES LOW PRESSURE PORT (CONTROL SCHEMATIC)
SD	DUCT-MOUNTED SMOKE DETECTOR (CONTROL SCHEMATIC)
TS	AVERAGING TEMPERATURE SENSOR (CONTROL SCHEMATIC)
TS	TEMPERATURE SENSOR (CONTROL SCHEMATIC)
VFD	VARIABLE FREQUENCY DRIVE (CONTROL SCHEMATIC)
VS	VIBRATION SWITCH (CONTROL SCHEMATIC)
WB	WET BULB TEMPERATURE TRANSMITTER (CONTROL SCHEMATIC)
MS	MOTOR STARTER (CONTROL SCHEMATIC)
CD	CONTROL DAMPER (CONTROL SCHEMATIC)
AFMS	AIR FLOW MEASURING STATION (CONTROL SCHEMATIC)
1/MT	REFERENCE TO ENLARGED PLAN, ELEVATION, SECTION OR DETAIL: TOP SECTION INDICATES ENLARGED PLAN, ELEVATION, SECTION OR DETAIL NUMBER; BOTTOM SECTION INDICATES DRAWING ON WHICH ENLARGED PLAN, ELEVATION, SECTION OR DETAIL APPEARS
#	NOTE NUMBER
#	POINT NUMBER (CONTROL SCHEMATIC)
●	CONNECTION POINT TO EXISTING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
APD	AIR PRESSURE DROP
ATV	ATMOSPHERIC VENT
BBD	BOILER BLOWDOWN
BFW	BOILER FEEDWATER
BHP	BOILER HORSEPOWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CA	COMPRESSED AIR
CAV	CONSTANT AIR VOLUME
CDR	CONDENSER WATER RETURN
CDS	CONDENSER WATER SUPPLY
CF	CHEMICAL FEED
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
COP	COEFFICIENT OF PERFORMANCE

CR	CONDENSATE RETURN (PUMPED)
CU FT	CUBIC FEET
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
DB	DRY BULB TEMPERATURE
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DRN	EQUIPMENT DRAIN
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
ER	EXISTING TO BE RELOCATED
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	DEGREES FAHRENHEIT
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FPM	FEET PER MINUTE
FT	FEET
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HSPF	HEATING SEASONAL PERFORMANCE FACTOR
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ (ELECTRICAL)
ID	INSIDE DIAMETER
IN	INCHES
IPLV	INTEGRATED PART LOAD VALUE
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LPC	LOW PRESSURE CONDENSATE
LPG	LP GAS (PROPANE)
LPS	LOW PRESSURE STEAM
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MIN	MINIMUM
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MU	EQUIPMENT MAKEUP (NON-POTABLE) WATER
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NG	NATURAL GAS
NO	NORMALLY OPEN
NPLV	NON-STANDARD PART LOAD VALUE
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER-FURNISHED CONTRACTOR-INSTALLED
OFOI	OWNER-FURNISHED OWNER-INSTALLED
PH	PHASE (ELECTRICAL)
PPH	POUNDS PER HOUR
PSIG	POUNDS PER SQUARE INCH (GAUGE)
RA	RETURN AIR
RG	REFRIGERANT GAS
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SP	STATIC PRESSURE
SQ FT	SQUARE FEET
TOTO	TURN OVER TO OWNER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB TEMPERATURE
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

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SEAL

REV	DATE	DESCRIPTION	BY	CHK	DWG
0	11/9/21	CONSTRUCTION DOCUMENTS			

REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
LEGEND

DRAWING NO.
M0.1

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GENERAL NOTES

- REFER TO NOTES ON THE 'G' SERIES DRAWINGS FOR GENERAL REQUIREMENTS OF THE PROJECT.
- UNLESS NOTED OTHERWISE, DRAWINGS ARE DIAGRAMMATIC IN NATURE. COORDINATE INSTALLATION OF SYSTEM COMPONENTS WITH ACTUAL FIELD CONDITIONS; THE WORK OF OTHER TRADE CONTRACTORS; AND FOR MAINTENANCE ACCESS. INSTALL COMPONENTS SO THAT THEY DO NOT BLOCK ACCESS TO OTHER SYSTEM COMPONENTS REQUIRING MAINTENANCE. GIVE PRIORITY TO SYSTEMS THAT REQUIRE A SPECIFIED SLOPE.
- EXAMINE THE PROJECT SITE PRIOR TO SUBMITTING BIDS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE EXTENT AND NATURE OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR FAILURE TO THOROUGHLY EXAMINE EXISTING CONDITIONS TO DETERMINE THE EXACT SCOPE OF THIS PROJECT, INCLUDING DEMOLITION WORK.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT, MATERIALS, AND LABOR AS REQUIRED FOR THE COMPLETE PROJECT UNLESS CERTAIN PORTIONS OF THE WORK ARE SPECIFICALLY IDENTIFIED AS 'BY OTHERS,' 'BY OWNER,' 'NOT IN CONTRACT,' OR SIMILAR WORDING.
- CONTRACTOR IS RESPONSIBLE FOR CUTTING, CORE DRILLING, PATCHING, ETC. FOR PROPER EXECUTION AND COMPLETION OF THE WORK. WHEN CUTTING OR CORE DRILLING THROUGH EXISTING BUILDING ASSEMBLIES, CONTRACTOR SHALL VERIFY LOCATION OF ALL STRUCTURAL ELEMENTS PRIOR TO CUTTING OR CORE DRILLING. PATCH BUILDING ASSEMBLIES TO MATCH EXISTING ADJACENT FINISHES UNLESS NOTED OTHERWISE.
- SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) IN ACCORDANCE WITH THE UL LISTED SYSTEMS SHOWN ON THE 'G' SERIES DRAWINGS.
- SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH NON-RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) WITH MATERIALS CONSISTENT WITH THE ASSEMBLY CONSTRUCTION (GYPSUM WALLBOARD, JOINT COMPOUND, MORTAR, GROUT, CAULK, ETC.).
- COORDINATE ALL WORK WITH THE OWNER. WORK ABOVE, BELOW, NEAR, OR INSIDE OCCUPIED AREAS MAY HAVE TO BE PERFORMED DURING OFF-HOURS (NIGHTS AND WEEKENDS). SCHEDULE ALL OFF-HOURS WORK IN ADVANCE WITH THE OWNER. INCLUDE OVERTIME LABOR FOR OFF-HOURS WORK IN THE BASE BID. WHEN WORKING INSIDE OCCUPIED AREAS, COVER AND PROTECT ALL FURNITURE, EQUIPMENT, ETC. WITH FIRE-RETARDANT PLASTIC SHEETING. THOROUGHLY CLEAN THE PROJECT AREA AFTER WORK IS COMPLETED.
- COORDINATE INSTALLATION OF CEILING MOUNTED DEVICES. WHEN INSTALLED IN LAY-IN CEILINGS, DEVICES SHALL BE CENTERED WITHIN CEILING TILES. WHEN INSTALLED IN GYPSUM BOARD CEILINGS, DEVICES SHALL BE COORDINATED AND ALIGNED WITH THE WORK OF OTHER TRADE CONTRACTORS.
- COORDINATE INSTALLATION OF WORK ABOVE EXISTING CEILINGS THAT ARE NOT INDICATED TO BE REMOVED AS PART OF THIS PROJECT. REMOVE, STORE, AND REINSTALL EXISTING LAY-IN CEILING TILES AND/OR GRID; AND/OR CUT AND PATCH EXISTING GYPSUM BOARD CEILINGS AS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- COORDINATE AND SCHEDULE ALL SHUTDOWNS OF EXISTING UTILITIES TWO WEEKS IN ADVANCE WITH THE OWNER. ALL OR SOME OF THIS WORK MAY HAVE TO BE PERFORMED DURING OFF-HOURS (NIGHTS AND WEEKENDS). INCLUDE OVERTIME LABOR FOR OFF-HOURS WORK IN THE BASE BID.
- EXISTING AREAS OF THE FACILITY (WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMITS) DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- EXISTING SYSTEM COMPONENTS INDICATED ON THE DRAWINGS ARE BASED ON CURSORY FIELD INVESTIGATIONS AND EXISTING DRAWINGS, AND MAY OR MAY NOT BE LOCATED OR LABELED CORRECTLY. EXAMINE ALL AREAS OF THE PROJECT AND FIELD IDENTIFY / VERIFY ALL SYSTEM COMPONENTS PRIOR TO COMMENCING DEMOLITION OR NEW CONSTRUCTION. IDENTIFICATION AND VERIFICATION SHALL INCLUDE TRACING EACH SYSTEM COMPONENT TO DETERMINE ITS EXACT ORIGIN AND THE AREA OR EQUIPMENT THE SYSTEM COMPONENT SERVES. REPORT TO THE ARCHITECT AND/OR ENGINEER ALL SUCH DISCOVERIES OF SYSTEM COMPONENTS THAT ARE UNIDENTIFIED OR ARE FOUND TO BE IN A DIFFERENT LOCATION FROM THAT INDICATED.
- UNLESS NOTED OTHERWISE, DEMOLISH AND REMOVE ALL SYSTEM COMPONENTS INDICATED ON THE DEMOLITION DRAWINGS. UNLESS NOTED OTHERWISE, ALL SYSTEM COMPONENTS SHALL BE REMOVED BACK TO THE SOURCE AND CAPPED APPROPRIATELY.
- DEMOLITION WORK SHALL BE PERFORMED WITH DUE CARE AND DILIGENCE. TAKE ALL NECESSARY MEASURES TO PREVENT THE ARBITRARY INTERRUPTION OR DESTRUCTION OF CONCEALED SYSTEM COMPONENTS THAT ARE TO REMAIN OPERATIONAL, AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL THE COMMENCEMENT OF DEMOLITION WORK.
- EXISTING SYSTEM COMPONENTS INDICATED TO BE RELOCATED AND/OR REUSED SHALL BE INSPECTED FOR PROPER OPERATION, THOROUGHLY CLEANED, AND PREPARED FOR REINSTALLATION.
- THE OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SYSTEM COMPONENTS REMOVED DURING DEMOLITION. SYSTEM COMPONENTS NOT DESIRED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE.
- SYSTEM COMPONENTS SERVING AREAS OF THE PROJECT OCCUPIED BY THE OWNER DURING CONSTRUCTION SHALL BE MAINTAINED UNTIL THE OWNER VACATES THE AREA.
- ALL AFF/AFG DIMENSIONS ARE REFERENCED TO THE CENTER OF THE EQUIPMENT OR DEVICE UNLESS NOTED OTHERWISE.

FAN SCHEDULE															
SYMBOL	FAN TYPE	FAN CLASS	FAN ARRANGEMENT	WHEEL TYPE	WHEEL DIAMETER (IN)	DRIVE TYPE	AIR FLOW (CFM)	SP (IN WG)	AIR STREAM TEMPERATURE (°F)	FAN SPEED (RPM)	OPERATING POWER (HP)	MOTOR SIZE (HP)	VOLTS/Hz/PH	MANUFACTURER & MODEL NO. *	REMARKS
EF-1	CEILING	-	-	FORWARD CURVED	-	DIRECT	100	0.5	75	815	-	-	115/60/1	GREENHECK SP-B150	-
EF-2	CEILING	-	-	FORWARD CURVED	-	DIRECT	100	0.5	75	815	-	-	115/60/1	GREENHECK SP-B150	-

* SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.

GRAVITY VENTILATOR SCHEDULE						
SYMBOL	THROAT SIZE (IN)	MAXIMUM THROAT VELOCITY (FPM)	AIR FLOW (CFM)	MAXIMUM APD (IN WG)	MANUFACTURER & MODEL NO. *	REMARKS
GV-1	10	500	200	0.05	GREENHECK GRSR-10	-

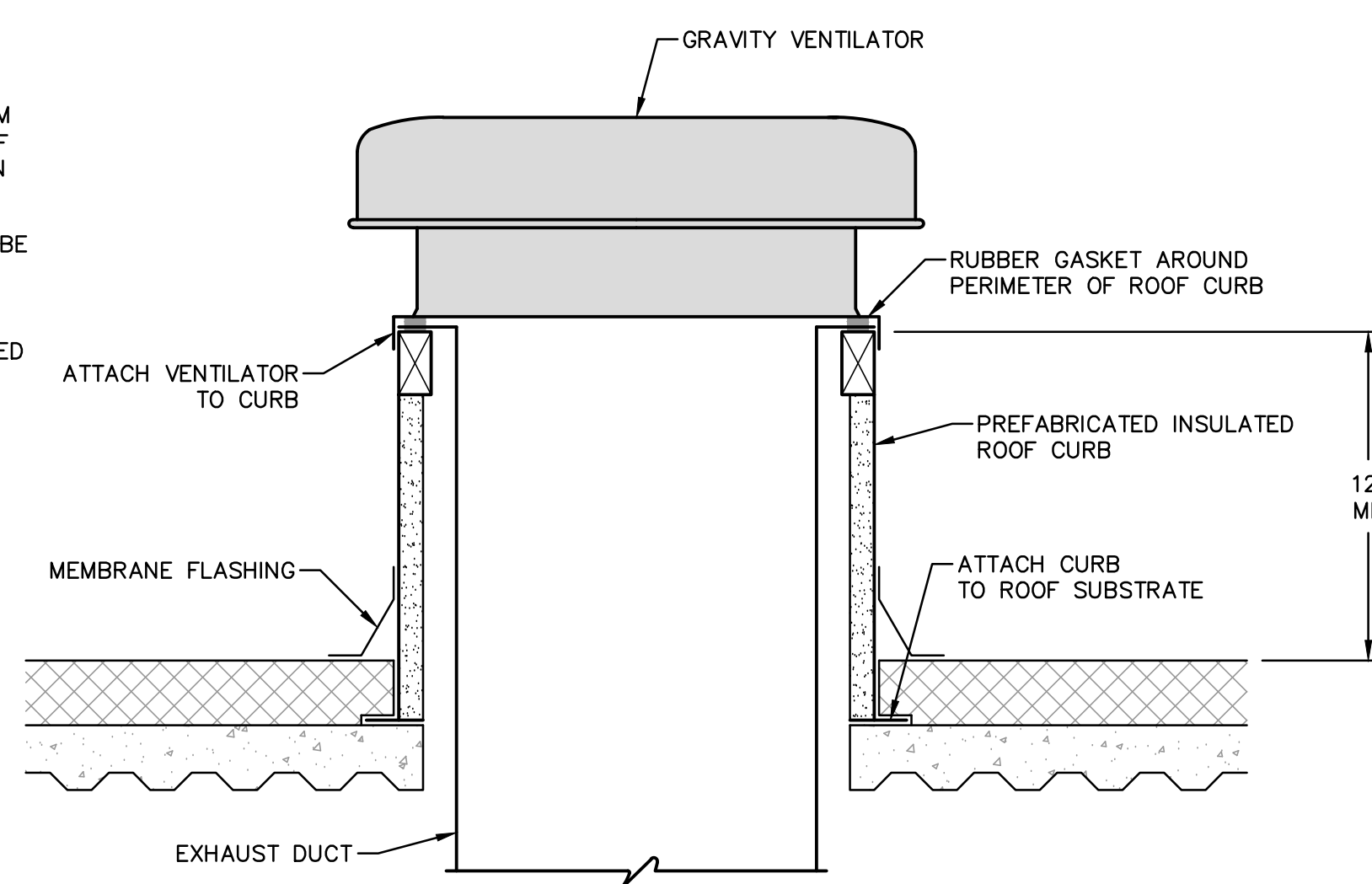
* SEE SPECIFICATIONS FOR OTHER ACCEPTABLE MANUFACTURERS.

NOTES:

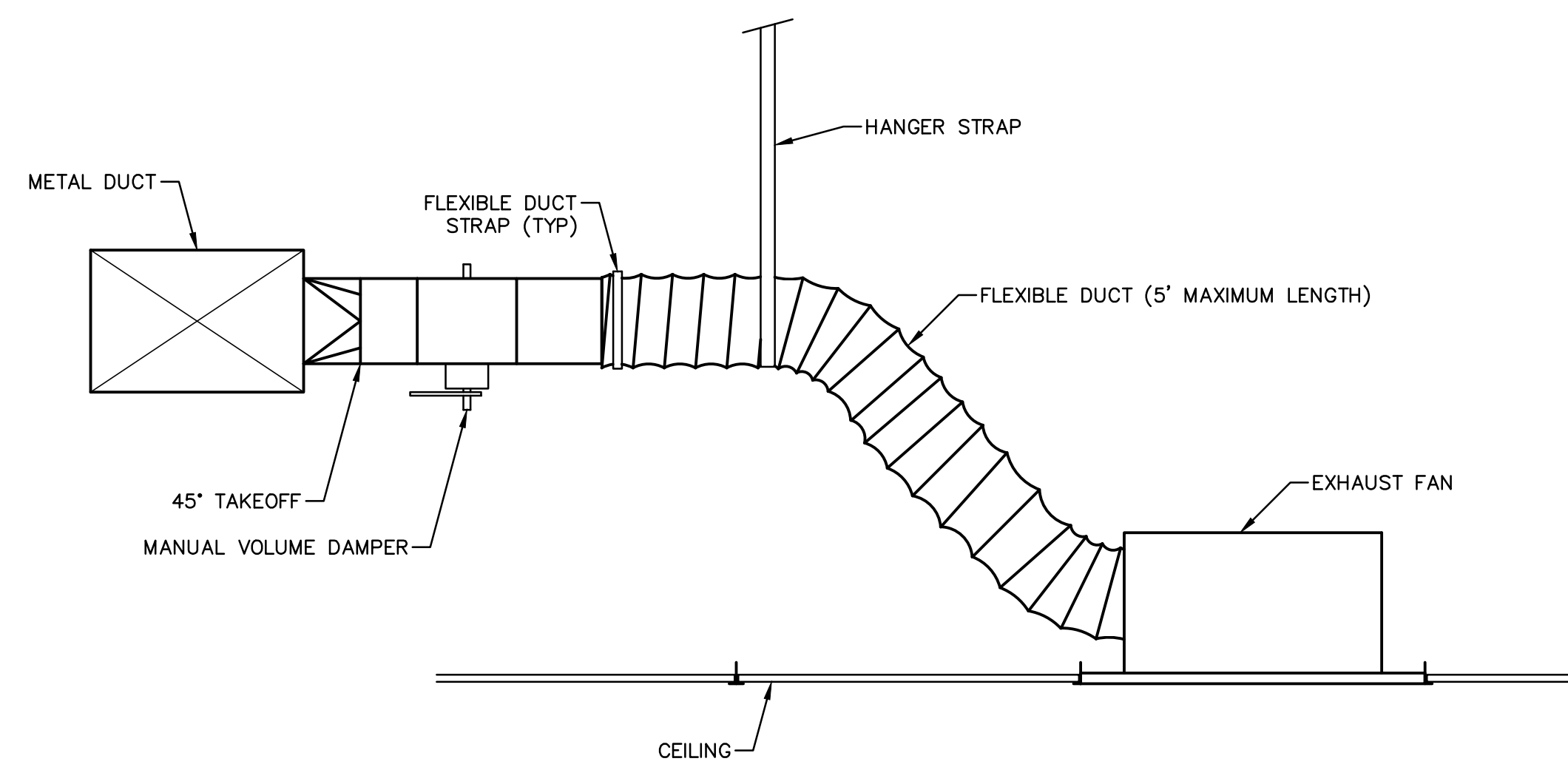
- VENTILATOR SHALL BE ATTACHED TO ROOF CURB USING #10x1-1/4" GALVANIZED SCREWS WITH A MINIMUM OF 3 SCREWS PER SIDE.
- ROOF CURB SHALL BE ATTACHED TO ROOF IN ACCORDANCE WITH THE FOLLOWING:

CONCRETE SUBSTRATE: USE 1/4" HILTI HIT-RE 500-SD EPOXY ANCHORS OR HILTI HSL-3 EXPANSION ANCHORS WITH MINIMUM 2" EMBEDMENT WITH A MINIMUM OF 3 ANCHORS PER SIDE. EXPANSION ANCHORS SHALL NOT BE USED WHERE MINIMUM CONCRETE EDGE DISTANCE REQUIREMENTS CANNOT BE MET.

METAL OR WOOD SUBSTRATE (NO CONCRETE): USE #10x1" GALVANIZED SCREWS WITH A MINIMUM OF 3 SCREWS PER SIDE.



1 GRAVITY VENTILATOR
NTS



2 EXHAUST FAN CONNECTION
NTS

BASE BID AND ALTERNATE

BASE BID: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.

ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.



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REV	DATE	DESCRIPTION	BY	CHK	DWP
0	11/9/21	CONSTRUCTION DOCUMENTS	DCM		

REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE

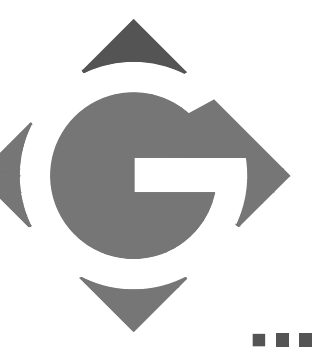
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE

SCHEDULES, DETAILS & GENERAL NOTES

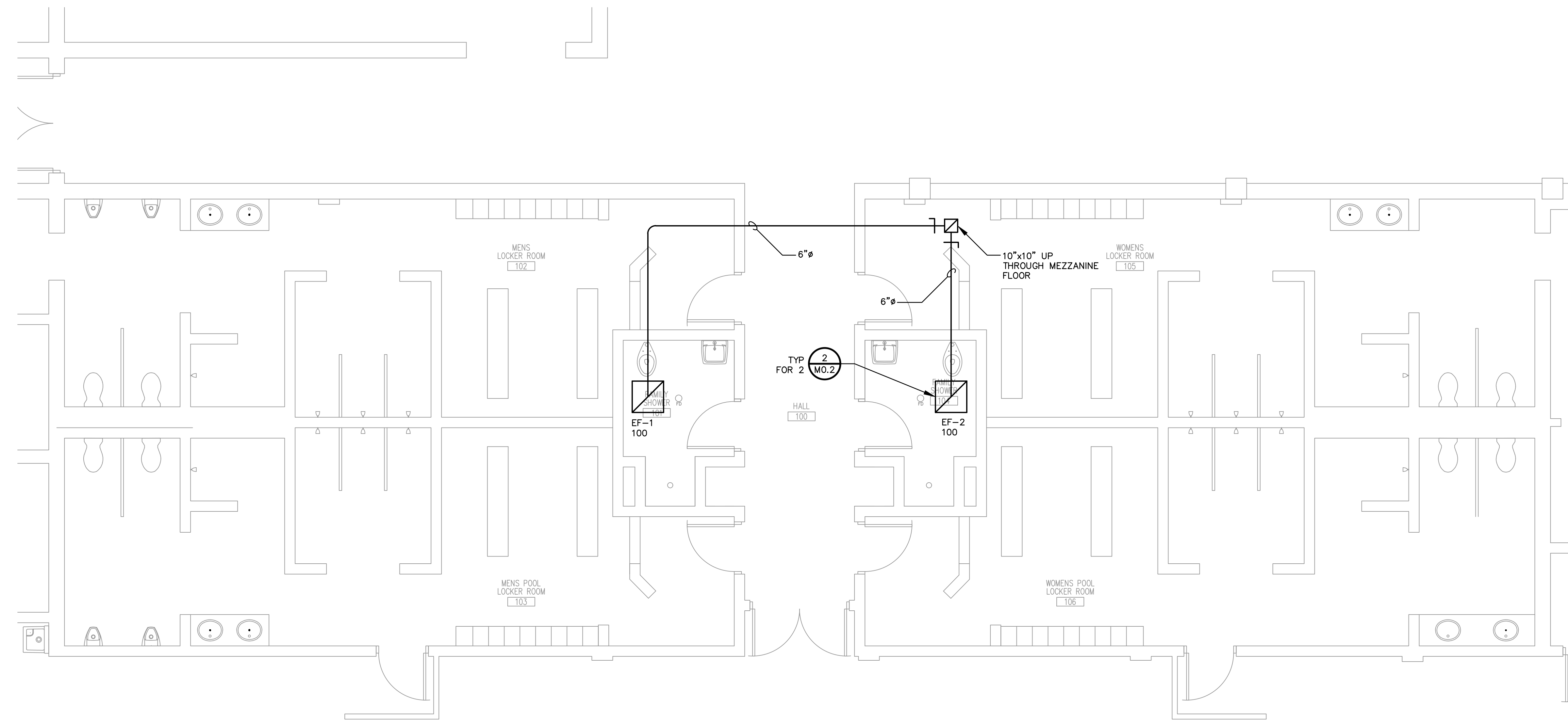
DRAWING NO.

M0.2

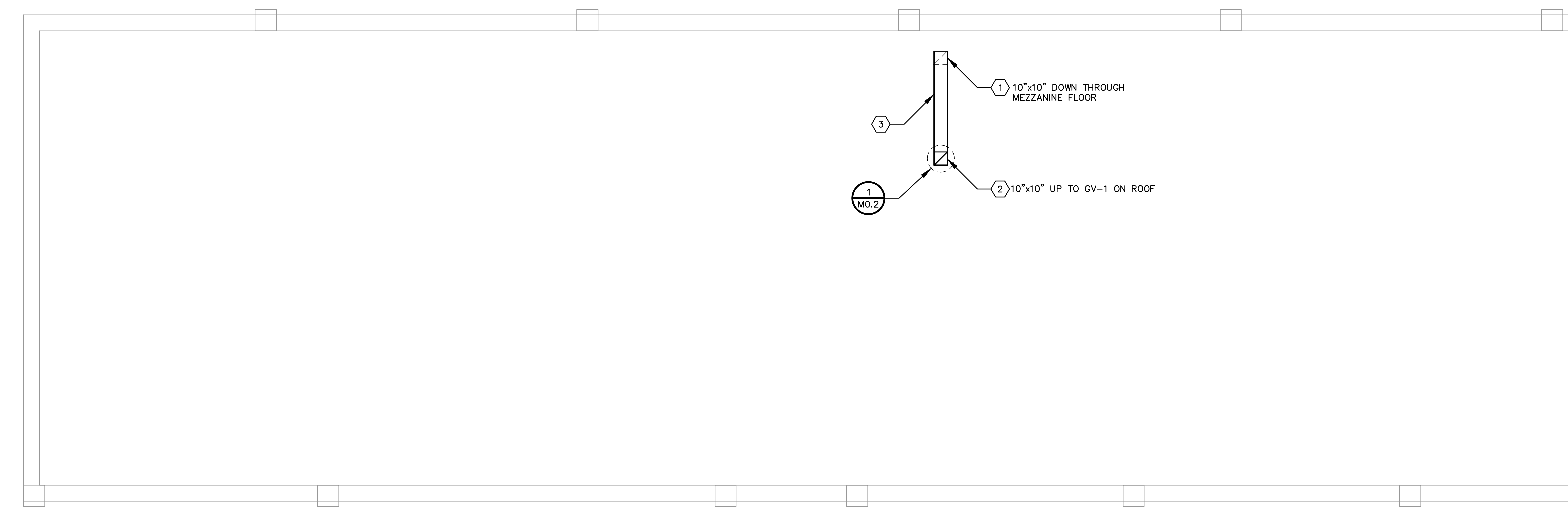


Keyed New Work Notes

- ① SAW-CUT CONCRETE MEZZANINE FLOOR FOR DUCT PENETRATION.
- ② CUT ROOF AS REQUIRED FOR DUCT PENETRATION.
- ③ ROUTE DUCT ABOVE LAY-IN CEILING.



1 PARTIAL FIRST FLOOR RENOVATION PLAN
 1/4"=1'-0"



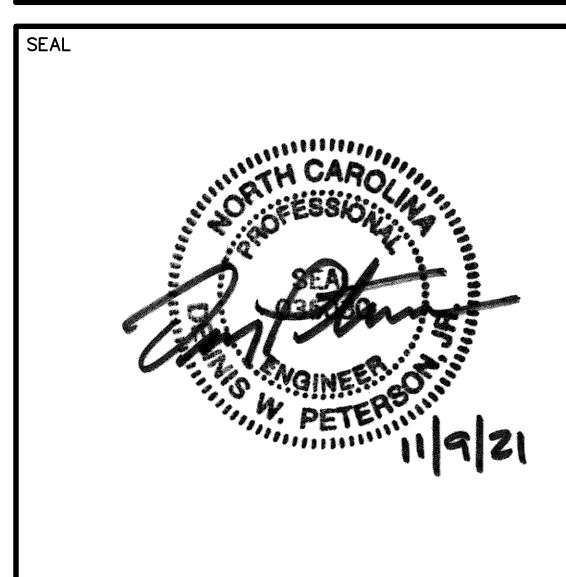
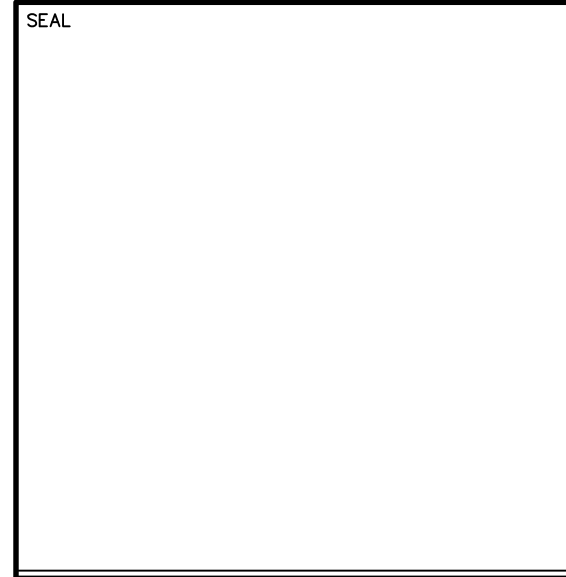
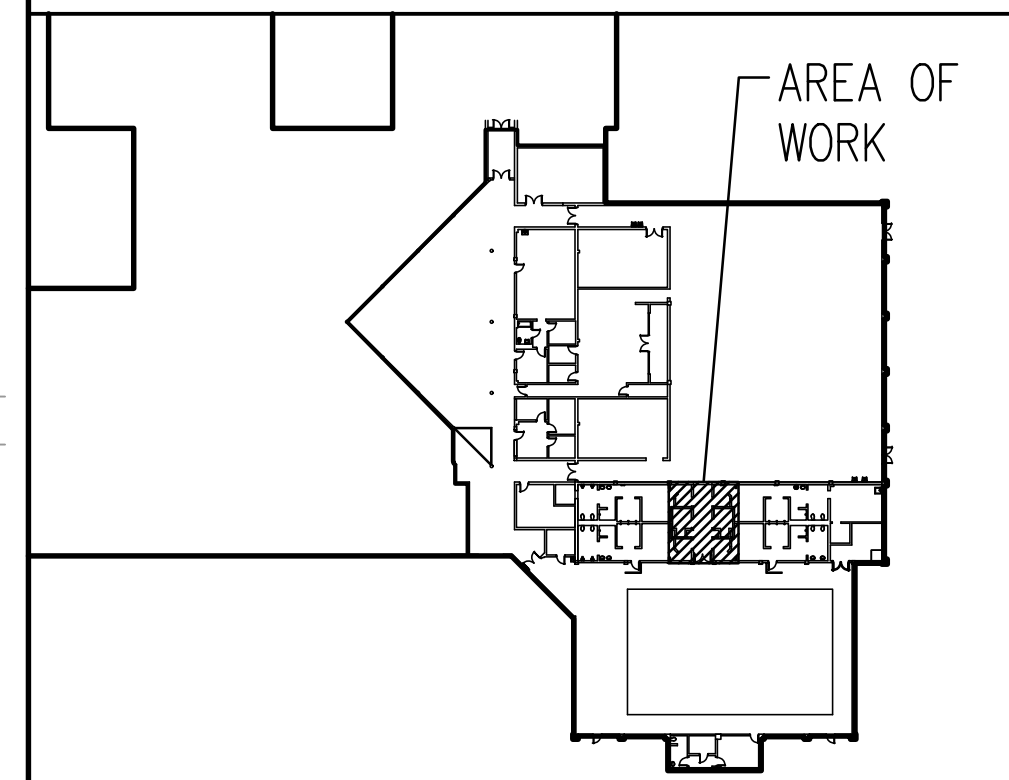
2 PARTIAL MEZZANINE RENOVATION PLAN
 1/4"=1'-0"

BASE BID AND ALTERNATE

BASE BID: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.

ALTERNATE NO. 1: ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.

KEY PLAN - PARTIAL ENLARGED



BY	CHK	DWP
DCM		

REV	DATE	DESCRIPTION
0	11/19/21	CONSTRUCTION DOCUMENTS

REG PROJECT NO. 20210180

CLIENT PROJECT NO. ---

PROJECT TITLE
AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
PARTIAL FIRST FLOOR & MEZZANINE RENOVATION PLAN

DRAWING NO.
M2.1

ELECTRICAL SYMBOLS

- WALL MTD LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - NORMAL POWER
WALL MTD LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - CRITICAL
WALL MTD LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - LIFE SAFETY POWER
CEILING/PENDENT MTD/RECESSED LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - NORMAL POWER
CEILING/PENDENT MTD/RECESSED LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - CRITICAL POWER
CEILING/PENDENT MTD/RECESSED LIGHTING FIXTURE AND OUTLET, LETTER DESIGNATES FIXTURE TYPE - LIFE SAFETY POWER
WALL MTD EXIT SIGN AND OUTLET, SINGLE FACE. ARROW INDICATES DIRECTION - LIFE SAFETY POWER
WALL MTD EXIT SIGN AND OUTLET, DOUBLE FACE. ARROW INDICATES DIRECTION - LIFE SAFETY POWER
COMBINATION EMERGENCY/EXIT LIGHT; CEILING-MOUNTED; SHADED PORTION INDICATES FACE(S) WITH DIRECTIONAL ARROWS AS SHOWN; SEE LIGHT FIXTURE SCHEDULE
WALL MTD SIGN "X-RAY IN USE."

ELECTRICAL SYMBOLS

- 30 AMP NON-FUSED DISCONNECT SWITCH, NUMBER OF POLES AND VOLTAGE PER CIRCUIT FED.
30 AMP FUSED DISCONNECT SWITCH, FUSED AT 20 AMP, NUMBER OF POLES AND VOLTAGE PER CIRCUIT FED.
30 AMP NON-FUSED, WEATHERPROOF DISCONNECT SWITCH, NUMBER OF POLES AND VOLTAGE PER CIRCUIT FED.
COMBINATION DISCONNECT SWITCH AND MAGNETIC MOTOR STARTER FURNISHED DISCONNECT
ENCLOSED CIRCUIT BREAKER
MAGNETIC MOTOR STARTER
MANUAL MOTOR STARTER WITH OVERLOAD HEATERS
VARIABLE FREQUENCY DRIVE
A.C. MOTOR, NUMERAL INDICATES HP
EMERGENCY POWER OFF BUTTON
EQUIPMENT CONNECTION
DRY TYPE TRANSFORMER
RELAY
TAMPER SWITCH
PRESSURE SWITCH
FLOW SWITCH
REMOTE INDICATOR LAMP
WALL MTD FIRE ALARM PULL STATION
FIRE ALARM DOOR HOLD OPEN
ELECTRIC BELL FOR FIRE SPRINKLER
FIRE ALARM CONTROL PANEL
FIRE ALARM ANNUNCIATOR PANEL
BUZZER BELL CHIME/STROBE
WALL MOUNTED WITH 15CD, UNO ANNUNCIATOR/STROBE
CEILING MOUNTED WITH 15CD, UNO
PUSH BUTTON
FIRE ALARM STROBE LIGHT WITH 75CD, UNO EXCEPT FOR ALL RESTROOM WHICH ARE 15CD ALARM
SMOKE DETECTOR, CEILING MTD.
SMOKE DETECTOR, DUCT MTD
CONTROL MODULE
MONITOR MODULE
FIRE ALARM REMOTE CONTROL RELAY
EMERGENCY DOOR RELEASE
PANIC BUTTON
CALL BOX
CCTV PAN TILT CAMERA LOCATION
MOTORIZED DOOR
DOOR SECURITY CARD READER; WALL MOUNTED AT 48" AFF
SECURITY DOOR DETECTOR
DOOR LOCK
MAGNETIC DOOR LOCK
DOOR EXIT REQUEST HARDWARE
SECURITY KEY PAD
DOOR PUSH PAD OPENER
KEY OVERRIDE SWITCH
DOOR RELEASE BUTTON AT NURSE STATION.
ELECTRIC STRIKE WITH STOREROOM FUNCTION MORTISE LOCK
ELECTRIC MORTISE WITH ELECTRIC HINGE
ELECTRONIC PUSH BUTTON ACCESS LOCK
VERTICAL RODS WITH PANIC DEVICE
MOTION SENSOR
COLOR MASTER MONITOR
SEMI-FLUSH MOUNTED PAN TILT COLOR DOOR STATION
PHOTOCOLL, 2000 WATT UNLESS NOTED OTHERWISE
GENERAL PAGING SPEAKER LOCATION
D DENOTES DEPARTMENTAL PAGING SPEAKER
INTERCOM STATION
FLUSH MTD VOLUME CONTROL FOR SPEAKER
TELEVISION OUTLET
HEADWALL ELEVATION "A"
ASSET TRACKING MONITOR
SURGE ARRESTOR
TRANSFER SWITCH
CONTACTOR
SWITCH
GROUND PER NEC

ELECTRICAL ABBREVIATIONS

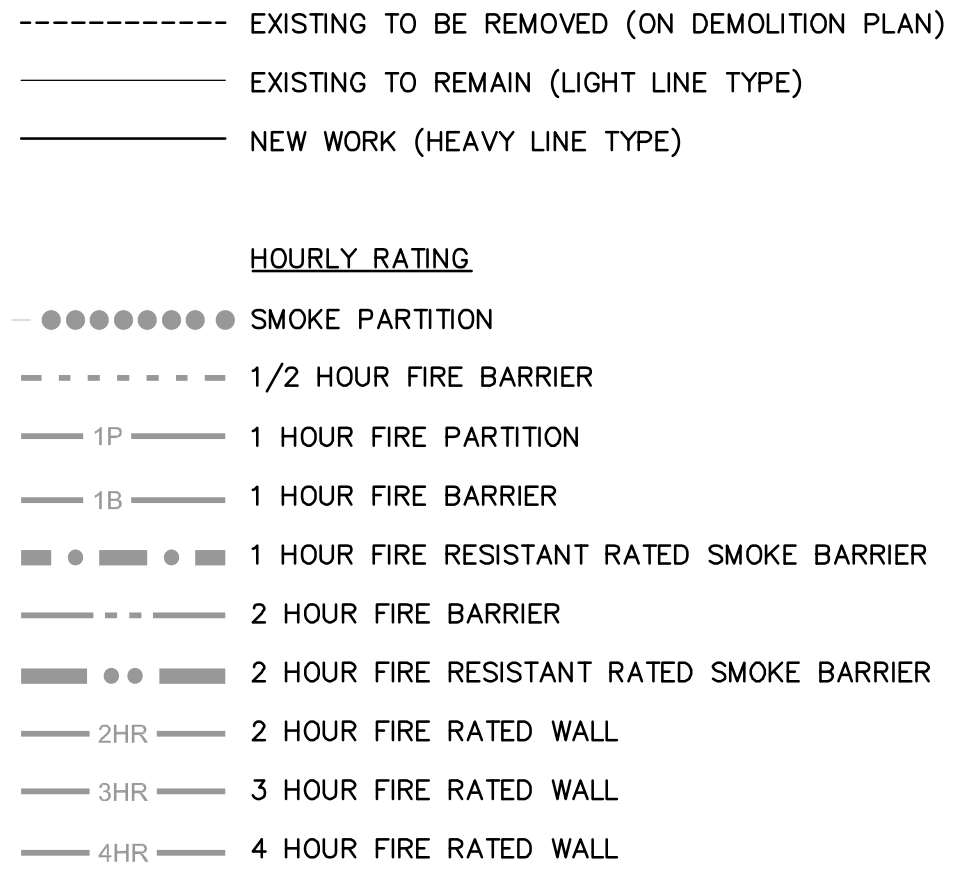
- ROUND, DIAMETER OR PHASE
NUMBER OF CONDUCTORS
AMPERES
ALTERNATING CURRENT
AMP FRAME
ABOVE FINISHED CEILING
ABOVE FINISHED FLOOR
ABOVE FINISHED GRADE
AMPERE INTERRUPTING CAPABILITY
AMERICAN NATIONAL STANDARDS INSTITUTE
AMP TRIP
AUTOMATIC TRANSFER SWITCH
AMERICAN WIRE GAGE
COMMUNITY ANTENNA TELEVISION SYSTEM
CIRCUIT BREAKER
CIRCUIT BREAKER
CLOSED CIRCUIT TELEVISION SYSTEM
CONTROL POWER TRANSFORMER
CURRENT TRANSFORMERS
CLOSED TRANSITION TRANSFER SWITCH
COPPER
EQUIPMENT GROUNDING CONDUCTOR
ELECTRICAL METALLIC TUBING
EMERGENCY POWER OFF
EXISTING RELOCATE
FUSED
FIRE ALARM CONTROL PANEL
FURNISHED BY OTHERS
FINISHED FLOOR ELEVATION
FULL LOAD AMPS
FLEXIBLE METAL CONDUIT
FULL VOLTAGE NON-REVERSING
GROUNDING ELECTRODE CONDUCTOR
GREENFIELD
GROUND FAULT INTERRUPTER
GROUND
GREENVILLE UTILITIES COMMISSION
HAND-OFF-AUTOMATIC
HORSEPOWER
HIGH PRESSURE SODIUM
HEATING, VENTILATING AND AIR CONDITIONING
INTERMEDIATE METAL CONDUIT
ISOLATED GROUND
KILOVOLT
KILOVOLT AMPERE
KILOWATT
MASTER ANTENNA TELEVISION SYSTEM
MAIN CIRCUIT BREAKER
MOTOR CONTROL CENTER
MOTOR CIRCUIT PROTECTOR
METAL HALIDE
MAIN LUG ONLY
NATIONAL ELECTRICAL CODE
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NON-FUSED
NATIONAL FIRE PROTECTION AGENCY
NOT IN CONTRACT
NIGHT LIGHT
NORMALLY OPEN
NOT TO SCALE
PULL BOX
RIGID METAL CONDUIT
SINGLE POLE DOUBLE THROW
SINGLE POLE SINGLE THROW
STAINLESS STEEL
SWITCHGEAR
SWITCHBOARD
TELEPHONE TERMINAL BOARD
TEYP.
TELEVISION
UNDERWRITERS LABORATORIES
UNLESS NOTED OTHERWISE
WEATHERPROOF
EXPLOSION PROOF
WYE-DELTA

GENERAL NOTES

- NOT ALL SYMBOLS & ABBREVIATIONS SHOWN ON THIS DRAWING MAY BE USED FOR THIS PROJECT.
UNLESS OTHERWISE NOTED, EACH TRADE CONTRACTOR IS RESPONSIBLE FOR CUTTING, CORE DRILLING, PATCHING, ETC. TO INSTALL HIS RESPECTIVE WORK.
COORDINATE WORK OF THIS TRADE WITH OTHER TRADE CONTRACTORS.
SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH FIRE RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) IN ACCORDANCE WITH THE UL LISTED SYSTEMS SHOWN "G" SERIES DRAWINGS.
SEAL ALL PIPING AND/OR CONDUIT PENETRATIONS THROUGH NON-RATED ASSEMBLIES (WALLS, PARTITIONS, FLOORS, ETC.) TO REDUCE TRANSFER OF SOUND THROUGH THE ASSEMBLIES. GYPSUM WALLBOARD "MUD" MAY BE USED TO SEAL GAPS NOT EXCEEDING 1/2" INCH.
EXAMINE THE PROJECT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE GRANTED FOR FAILURE TO THOROUGHLY EXAMINE EXISTING CONDITIONS TO DETERMINE THE EXACT SCOPE OF THIS PROJECT, INCLUDING DEMOLITION WORK.
SYSTEM COMPONENTS INDICATED TO BE DEMOLISHED ARE BASED ON CURSORY FIELD INVESTIGATIONS AND EXISTING DRAWINGS. SYSTEM COMPONENTS SHOWN ON THE DEMOLITION DRAWINGS MAY OR MAY NOT BE LOCATED OR LABELED CORRECTLY. EXAMINE ALL AREAS THAT ARE INDICATED FOR DEMOLITION WORK AND FIELD IDENTIFY AND VERIFY ALL SYSTEM COMPONENTS PRIOR TO COMMENCING DEMOLITION OR NEW CONSTRUCTION. IDENTIFICATION AND VERIFICATION SHALL INCLUDE TRACING EACH SYSTEM COMPONENT TO DETERMINE ITS EXACT ORIGIN AND THE AREA OR EQUIPMENT THE SYSTEM COMPONENT SERVES.
DEMOLITION WORK SHALL BE PERFORMED WITH DUE CARE AND DILIGENCE. TAKE ALL NECESSARY MEASURES TO PREVENT THE ARBITRARY INTERRUPTION OR DESTRUCTION OF CONCEALED SYSTEM COMPONENTS THAT ARE TO REMAIN OPERATIONAL, AND THE ROUTING OF WHICH COULD NOT BE DETERMINED UNTIL THE COMMENCEMENT OF DEMOLITION WORK. REPORT TO THE ARCHITECT AND/OR ENGINEER ALL SUCH DISCOVERIES OF SYSTEM COMPONENTS DURING DEMOLITION THAT ARE UNIDENTIFIED OR ARE FOUND TO BE IN A DIFFERENT LOCATION FROM THAT INDICATED.
SYSTEM COMPONENTS SERVING AREAS OF THE PROJECT OCCUPIED BY THE OWNER DURING CONSTRUCTION SHALL BE MAINTAINED UNTIL THE OWNER VACATES THE AREA.
COORDINATE DEMOLITION WORK WITH OTHER TRADE CONTRACTORS AND THE OWNER. SOME DEMOLITION WORK MAY HAVE TO BE PERFORMED DURING OFF-HOURS (NIGHTS AND WEEKENDS). SCHEDULE ALL OFF-HOURS WORK IN ADVANCE WITH THE OWNER. INCLUDE OVERTIME LABOR FOR OFF-HOURS WORK IN THE BASE BID.
THE OWNER HAS THE RIGHT OF FIRST REFUSAL ON ALL SYSTEM COMPONENTS REMOVED DURING DEMOLITION. SYSTEM COMPONENTS NOT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE ON A DAILY BASIS.
EXISTING AREAS OF THE FACILITY (WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMITS) DAMAGED DUE TO CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
REPORT IMMEDIATELY TO THE ARCHITECT AND/OR ENGINEER AND OWNER ANY MATERIAL ENCOUNTERED DURING DEMOLITION THAT HAS BEEN IDENTIFIED AS, OR IS SUSPECTED OF, CONTAINING ASBESTOS.
COORDINATE AND SCHEDULE ALL SHUTDOWNS OF EXISTING UTILITIES TWO WEEKS IN ADVANCE WITH THE OWNER.
REFER TO G SERIES DRAWINGS FOR CONSTRUCTION PHASING.
NOTIFY THE OWNER ONE WEEK PRIOR TO WORK IN ANY ELECTRICAL PANELS, SWITCHGEAR, OR EQUIPMENT. SCHEDULE OWNER'S ENGINEERING PERSONNEL TO BE PRESENT WHEN WORKING IN EXISTING PANELS, SWITCHGEAR, OR EQUIPMENT.
MOUNTING HEIGHTS GIVEN IN THE ELECTRICAL SPECIFICATIONS ARE TO THE CENTERLINE OF THE DEVICE AND SHALL BE FOLLOWED UNLESS OTHERWISE NOTED AT THE SYMBOL, ON ARCHITECTURAL ELEVATIONS OR CASEWORK DETAILS.
IN GENERAL ALL ELECTRICAL CONDUIT WILL BE RUN JUST BELOW THE BOTTOM OF STRUCTURAL BEAMS. OFFSET ELECTRICAL CONDUIT TO AVOID INTERFERENCE WITH DUCTWORK, OR MECHANICAL PIPING. COORDINATE CONDUIT AND RACEWAY LOCATIONS WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
ALL 20 AMP 277V LIGHTING HOME RUNS GREATER THAN 200 FT. SHALL BE #10 AWG, U.N.O.
ALL 20 AMP 120V POWER HOME RUNS GREATER THAN 75 FT. SHALL BE #10 AWG U.N.O.
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 70 AND NFPA 70E.
CONSTRUCTION PROCEDURES AND/OR EQUIPMENT SHALL NOT BLOCK ACCESS OR NEC ARTICLE 110 REQUIRED WORKING SPACE FOR NEW OR EXISTING ELECTRICAL PANELS, SWITCHGEAR, OR EQUIPMENT.
ELECTRICAL BOXES IN RATED WALL OPENINGS: OPENINGS IN ASSEMBLIES OF 2 HOURS OR LESS, FOR METALLIC ELECTRICAL BOXES NOT EXCEEDING 16 SQ. INCHES ARE PERMITTED PROVIDED THE AREA OF SUCH OPENINGS DOES NOT AGGREGATE MORE THAN 100 SQ. IN. FOR ANY 100 SQ. FT. OF FIRE RESISTANT WALL AREA OR SHAFT ENCLOSURE WALL AREA, THE WALLBOARD FACE MUST BE CUT SO THAT THE CLEARANCE FROM THE ELECTRICAL BOX DOES NOT EXCEED 1/8 INCH. OUTLET BOXES ON OPPOSITE SIDES OF THE FIRE RESISTANT WALL OR SHAFT ENCLOSURE SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES, OR BE COMPLETELY COVERED WITH 3M PUTTY PADS PER THE UL DETAILS.
REFEED ALL AREAS DOWNSTREAM OF DEMOLITION AREAS, WHEN ANY PORTION OF A POWER, LIGHTING, OR COMMUNICATION CIRCUIT OR SYSTEMS IS REMOVED, EVEN TEMPORARILY DURING CONSTRUCTION, THE DOWNSTREAM DEVICES SHALL BE RECONNECTED AND RETESTED TO ENSURE FULL AND COMPLETE OPERATION.
WHEN ADDING CIRCUIT BREAKERS TO EXISTING PANELS OR SWITCHBOARDS, PROVIDE CIRCUIT BREAKERS OF THE SAME MANUFACTURER OF THE EXISTING PANEL OR SWITCHBOARD, MATCH THE HIGHEST RATED AIC RATING OF ANY EXISTING CIRCUIT BREAKERS IN THE PANEL OR SWITCHBOARDS. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED TO MOUNT THE CIRCUIT BREAKER. PROVIDE DUAL BREAKER MOUNTING HARDWARE TO MOUNT NEW AND ADJACENT EXISTING CIRCUIT BREAKER IF/AS NECESSARY. DRAWINGS INDICATE THE TRIP SIZE OF THE CIRCUIT BREAKER REQUIRED, NOT THE FRAME SIZE. PROVIDE CIRCUIT BREAKER FRAME SIZE TO FIT THE SPACE AVAILABLE. IF THE SPACE AVAILABLE REQUIRES A LARGER FRAME SIZE THAN TRIP RATING CALLED FOR, PROVIDE THE LARGER FRAME SIZE WITH A TRIP UNIT SIZED AS SPECIFIED. PROVIDE ALL BLANK FILLER PLATES AS REQUIRED TO COMPLETELY COVER THE REMAINING PANEL TRIM. RELOCATE EXISTING CIRCUIT BREAKERS AND EXTEND EXISTING CIRCUITS AS REQUIRED TO MAKE ROOM FOR NEW CIRCUIT BREAKER. PROVIDE NEW TRIPED PANEL OR SWITCHBOARD SCHEDULE SHOWING ALL PANEL OR SWITCHBOARD CIRCUIT CHANGES. IF CIRCUIT BREAKERS FOR PANEL OR SWITCHBOARDS ARE NO LONGER AVAILABLE FROM THE MANUFACTURER, PROVIDE CERTIFIED REBUILD CIRCUIT BREAKERS VISIT THE JOBSITE AND INSPECT THE EXISTING PANELS AND SWITCHBOARDS THAT CIRCUIT BREAKERS ARE TO BE ADDED TO PRIOR TO BID. PROVIDE AID OF PANEL OR SWITCHBOARD MANUFACTURE AS REQUIRED TO DETERMINE CORRECT CIRCUIT BREAKER TYPE FOR THE PANEL OR SWITCHBOARD. PROVIDE GROUND FAULT CIRCUIT BREAKER IF OTHER CIRCUIT BREAKERS IN PANEL OF SWITCHBOARD HAVE GROUND FAULT.
IN ALL CASES WHERE THE CONDUCTOR SIZE HAS BEEN INCREASED TO COMPENSATE FOR VOLTAGE DROP AND/OR THE CONDUCTOR SIZE IS LARGER THAN THE AVAILABLE LUG SIZE ON A NEW OR EXISTING TERMINATION, PROVIDE A NEC SIZED JUNCTION BOX JUST AHEAD OF THAT TERMINATION AND REDUCE THE WIRE SIZE DOWN TO THE MAXIMUM WIRE SIZE LISTED FOR THE TERMINATION LUG. KEEP THE REDUCED WIRE SIZE LENGTH TO THE MINIMUM LENGTH POSSIBLE. PROVIDE UL LISTED INSULATED IN LINE HYPERPRESS COMPRESSION SPLICES IN THE JUNCTION BOX WITH HEAT SHRINK INSULATION. SPLIT BOLT SPLICES SHALL NOT BE PERMITTED. DO NOT CUT STRANDS OFF A STRANDED CONDUCTOR TO ALLOW IT TO FIT INTO A LUG. IN ALL CASES THE REDUCED WIRE SIZE SHALL HAVE AMPACITY LARGER THAN THE CIRCUIT BREAKER OR FUSE PROTECTING THE CIRCUIT.

GENERAL SYMBOLS

- NOTE NUMBER
TITLE MARK
DETAIL TAG
SHEET NUMBER
TITLE MARK
PLAN/ELEVATION/SECTION/DETAIL TAG
SHEET NUMBER
TITLE MARK
ELEVATION TAG
SHEET NUMBER
ELEVATION DESIGNATION
TITLE MARK
INTERIOR ELEVATION TAG
SHEET NUMBER
TITLE MARK
SECTION TAG
SHEET NUMBER
COLUMN TAG (NEW/EXISTING)
REVISION TAG AND CLOUD
CONNECT TO EXISTING
REMOVE TO THIS POINT
NORTH ARROW



LOAD SUMMARY

Table with columns for Demand Load - New, Demand Load - Existing, and Net Building Load - New Minus Existing (VA). Rows include Plumbing & Mechanical Equipment, Electrical Equipment, Largest Motor, and Net Building Load.

THE EAST GROUP logo and contact information: Engineering, Architecture, Surveying, Technology. Corporate Office: 324 Evans Street, Greenville, NC 27858. Branch Office: 4325 Lake Boone Trail, Suite 311, Raleigh, NC 27607.

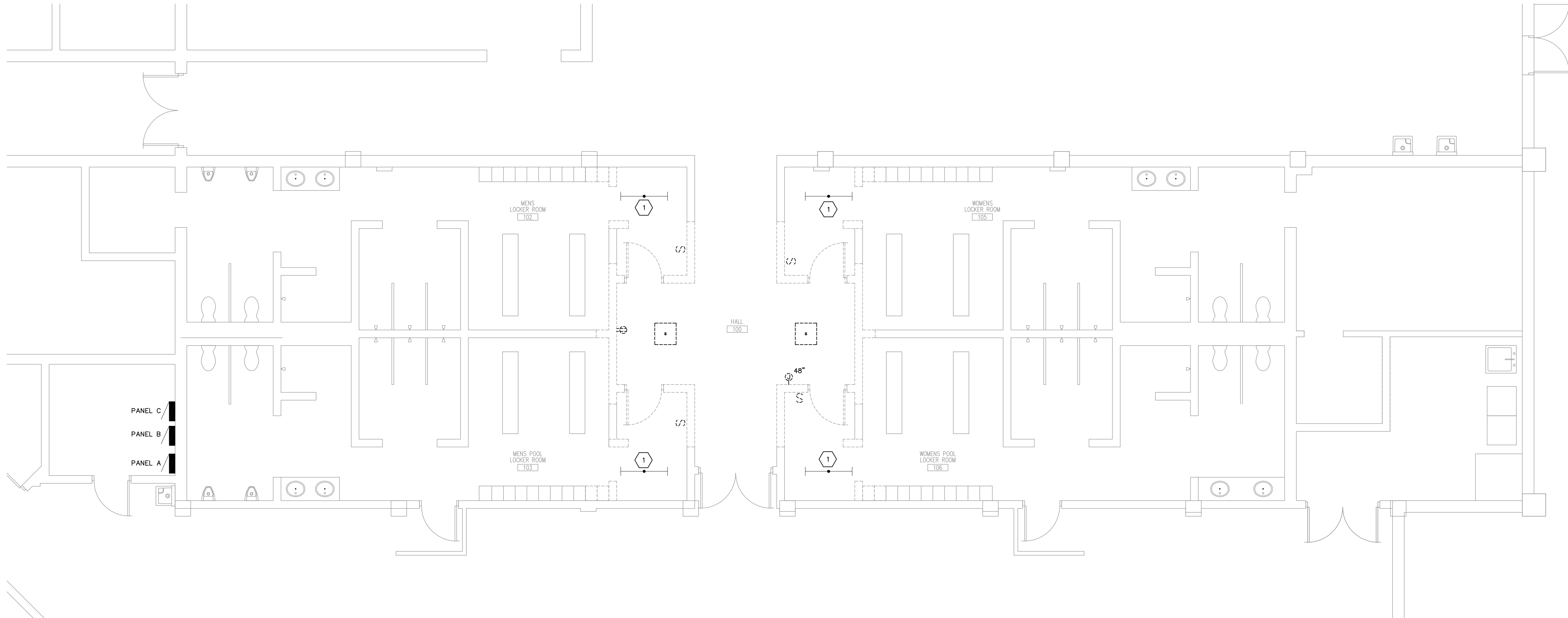
Greenville NORTH CAROLINA logo.

Professional Engineer Seal for Douglas E. Strickland, State of North Carolina, License No. 024358, expires 11/02.

Revision table with columns: REV, DATE, DESCRIPTION, CONSTRUCTION DOCUMENTS. Includes entries for CJK, DES, CDB, and COB.

Project information: REG PROJECT NO. 20210180, CLIENT PROJECT NO., PROJECT TITLE: AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION, DRAWING TITLE: ELECTRICAL SYMBOLS, ABBREVIATIONS AND GENERAL NOTES, DRAWING NO. E0.1

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1 PARTIAL FIRST FLOOR DEMOLITION PLAN
 1/4"=1'-0"

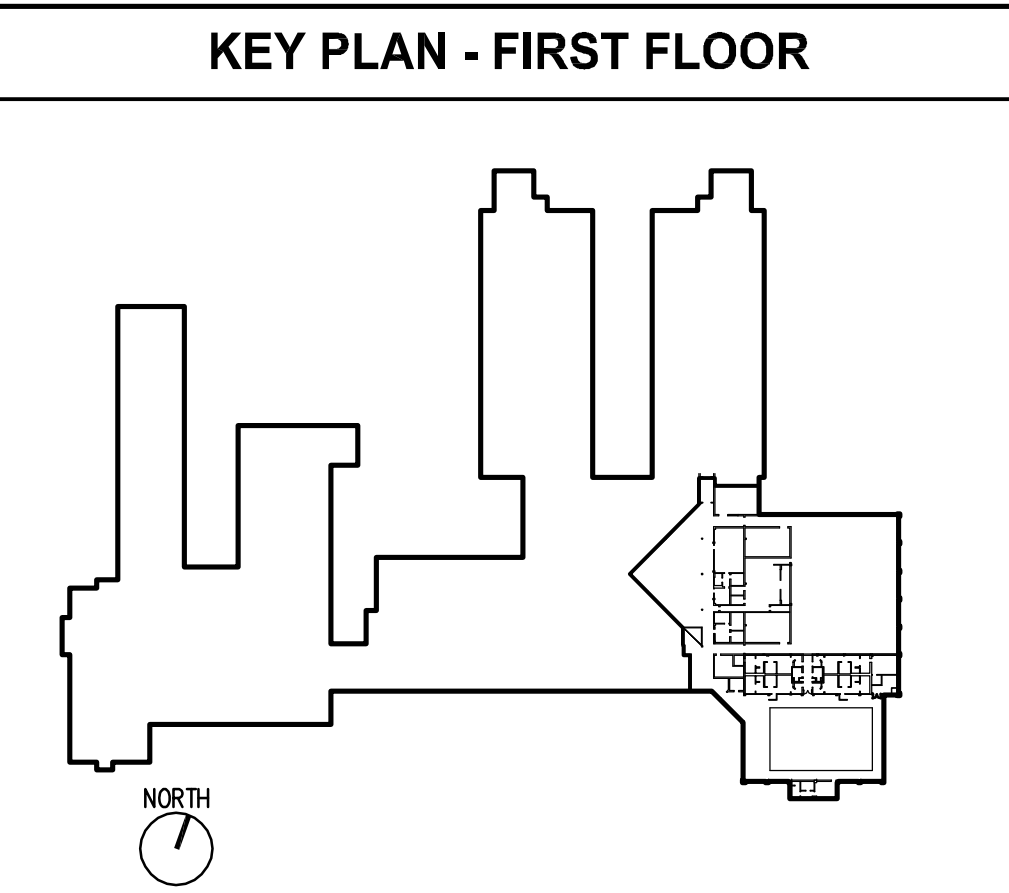
GENERAL DEMOLITION NOTES:

- TRACE AND MARK ALL EXISTING ELECTRICAL AND COMMUNICATION CONDUITS, BOXES AND CIRCUITS IN AND AROUND THE PROJECT AREA. TRACE ALL EXISTING CIRCUITS IN OR PASSING THRU THE PROJECT AREA, TO THE FINAL UTILIZATION EQUIPMENT AND TO THE PANEL OF ORIGIN. CLEARLY IDENTIFY AND MARK ALL CONDUITS, BOXES AND CIRCUITS TO BE DEMOLISHED. CLEARLY IDENTIFY AND MARK ALL CONDUITS, BOXES AND CIRCUITS FEEDING AREAS OTHER THAN THE DEMOLITION AREA WHICH ARE TO REMAIN OR BE RELOCATED. MARK ALL EXISTING TO REMAIN CONDUITS AND BOXES WITH ORIGINATING PANEL AND ITEM FED. MARKINGS SHALL BE PER THE SPECIFICATIONS.
- RELOCATE ALL EXISTING JUNCTION BOXES, DISCONNECT SWITCHES OR SIMILAR ITEMS THAT WILL BE RENDERED INACCESSIBLE BY NEW CONSTRUCTION FURNISHED UNDER ANY DIVISION OF THIS PROJECT. PROVIDE ANY AND ALL TEMPORARY ELECTRICAL SUPPLY (SUPPLIES) AS NEEDED TO MEET THIS REQUIREMENT.
- REMOVE ALL ABANDONED CONDUITS, CABLES AND CIRCUITS BACK TO THE POINT OF SUPPLY OR BACK TO THE POINT WHERE OTHER REMAINING LOADS ARE CONNECTED.
- LABEL ANY OVERCURRENT DEVICES THAT BECOME UNUSED DUE TO DEMOLITION AS "SPARE". REMOVE ALL EQUIPMENT LABELS FROM ANY UNUSED OVERCURRENT DEVICES.
- RELOCATE ALL EXISTING TO REMAIN CONDUIT, BOXES, OR ELECTRICAL EQUIPMENT IF/AS REQUIRED TO ALLOW SPACE FOR INSTALLATION OF, AND ACCESS TO, NEW EQUIPMENT, PIPING OR DUCTWORK OF ALL TRADES. EXTEND CIRCUITS IF/AS REQUIRED USING MATCHING RACEWAY AND CABLE SIZE AND TYPE.
- REMOVE ALL ELECTRICAL CONDUIT, CABLE, WIRING, DEVICES, JUNCTION BOXES, FITTINGS, AND RELATED ITEMS FROM ALL WALLS, CEILINGS, FLOORS, AND/OR PORTIONS OF SAME INDICATED AS BEING DEMOLISHED BY ANY DIVISION OF THE CONTRACT DOCUMENT SET OR INDICATED ELSEWHERE IN THE CONTRACT DOCUMENT SET AS REQUIRING ELECTRICAL DEMOLITION.
- WHERE EQUIPMENT OR DEVICES ARE REMOVED AND NOT REPLACED BY A SIMILAR ITEM OR EQUIPMENT, REPAIR WALL, FLOOR, AND CEILING SURFACES TO MATCH EXISTING SURROUNDING SURFACE. PAINT AS REQUIRED TO MATCH EXISTING FINISHES. PATCH ALL HOLES WHERE CONDUIT IS REMOVED TO MATCH EXISTING WALL OR FLOOR RATINGS.
- PROVIDE NEW SUPPORT(S) OR RE-SUPPORT ALL EXISTING CONDUIT, JUNCTION BOXES, CABLES, LUMINAIRES, AND OTHER ELECTRICAL ITEMS IF/AS NECESSARY WITH IN THE PROJECT LIMITS TO MEET THE SUPPORT REQUIREMENTS OF THE PRESENT PROJECT SPECIFICATIONS AND CODES.
- WHERE EXISTING LUMINAIRES OR FIXTURES ARE TO BE REUSED, USE MILD DETERGENT AND CLEAN ALL INTERIOR AND EXTERIOR SURFACES AND LENSES. REPLACE ALL LAMPS AND ANY DEFECTIVE BALLASTS AND ANY MISSING OR BROKEN ELECTRICAL PARTS. LAMP COLOR SHALL MATCH LAMPS IN NEW LUMINAIRES. IF THERE ARE NO NEW LUMINAIRES ON PROJECT, MATCH LAMP COLOR OF ADJACENT AREA.
- PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING ELECTRICAL ITEMS SHOWN TO BE REMOVED SHALL INCLUDE ALL WIRING, CONDUIT AND ASSOCIATED ELECTRICAL ITEMS. RELOCATE JUNCTION BOX AND CIRCUIT AS REQUIRED IF/AS NECESSARY TO FEED EXISTING OR NEW DOWNSTREAM ELECTRICAL ITEMS.
- PROVIDE NEW, OR REWORK EXISTING, FIRE STOPPING AT ALL THROUGH-PENETRATIONS OF CONDUIT OR OTHER ELECTRICAL ITEMS THAT WILL REMAIN AT THE CONCLUSION OF THE PROJECT WITHIN THE PROJECT AREA. FIRE STOPPING PROVIDED FOR EXISTING ITEMS SHALL MEET THE REQUIREMENTS OF THE PRESENT PROJECT.
- REFER TO OTHER DRAWINGS IN THIS SET FOR ADDITIONAL DEMOLITION AND PROJECT PHASING INFORMATION THAT WILL REQUIRE COORDINATION WITH AND BY THE DIVISION 16 CONTRACTOR.

NOTES KEYED TO PLAN:

- 1 REROUTE/EXTEND EXISTING WIRING FOR LIGHTING IN THIS SPACE TO NEW LIGHT SWITCH. SEE E2.1 FOR NEW SWITCH LOCATION.

BASE BID AND ALTERNATE	
BASE BID:	ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.
ALTERNATE NO. 1:	ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.



REV	DATE	DESCRIPTION	BY	CHK	DES
0	11/19/21	CONSTRUCTION DOCUMENTS	CDB		

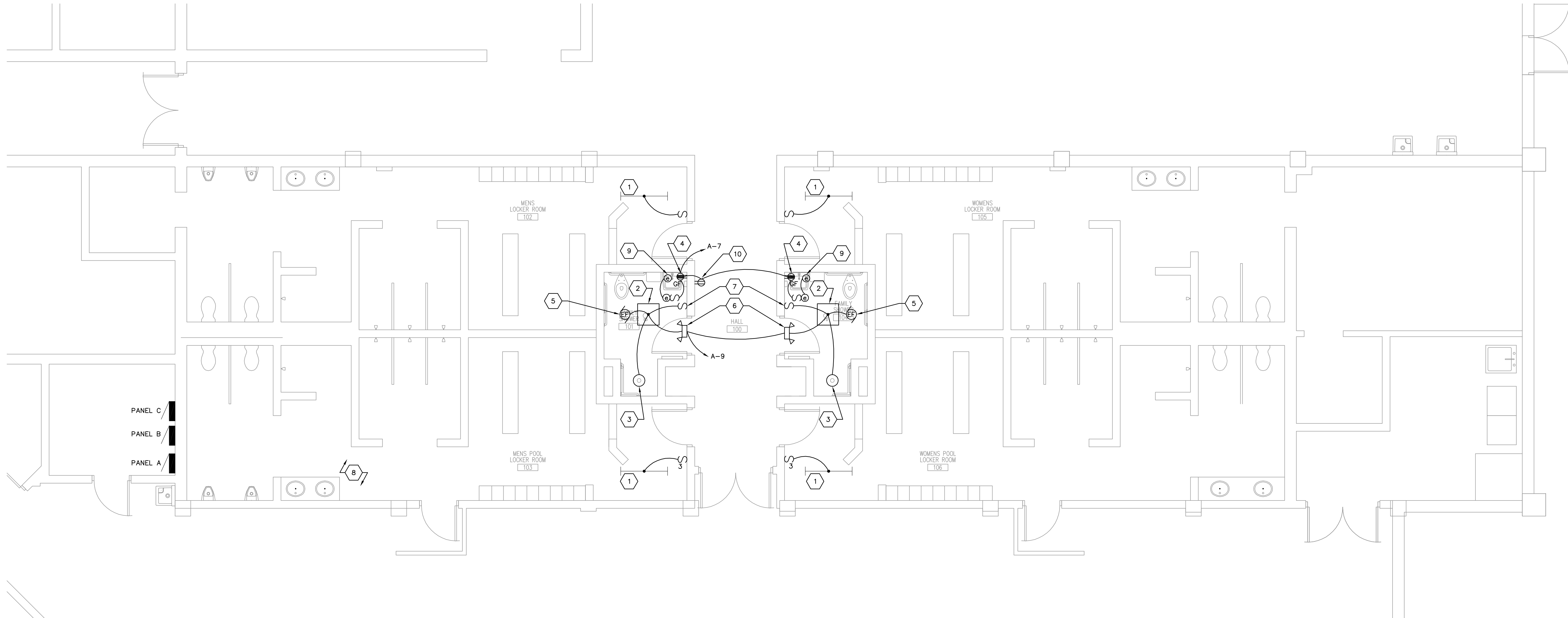
REG PROJECT NO. 20210180
 CLIENT PROJECT NO. ---
 PROJECT TITLE

AQUATICS AND FITNESS CENTER RESTROOM ADDITION

PARTIAL FIRST FLOOR DEMOLITION PLAN

DRAWING NO.

E1.1



PANEL C
 PANEL B
 PANEL A

1 PARTIAL FIRST FLOOR RENOVATION PLAN
 1/4"=1'-0"

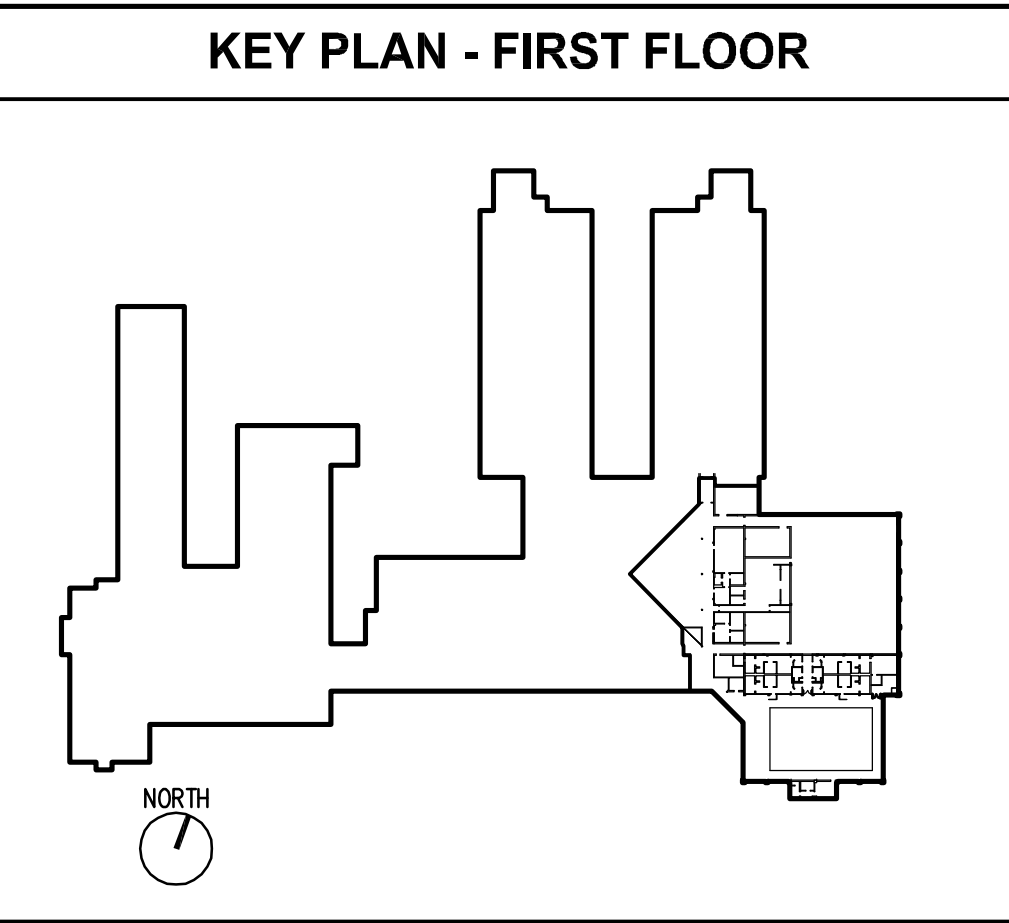
GENERAL NOTES:

- ALL BOXES, WIREWAYS, AND DUCTWORK SHALL HAVE ALL SHARP EDGES REMOVED.
- COORDINATE INSTALLATION OF ELECTRICAL WORK IN CEILING WITH HVAC DUCTS, LIGHTS AND STRUCTURAL MEMBERS. PROVIDE ADDITIONAL OFFSETS/FITTINGS AS REQUIRED.
- PROVIDE NEW TYPED INDEXES IN EXISTING AND NEW PANELBOARDS UPON COMPLETION AND VERIFICATION OF CIRCUITS.
- VERIFY EXISTING CIRCUITING AND LABEL RECEPTACLES AS REQUIRED.
- ALL IN WALL DEVICES ARE TO BE FLUSH MOUNTED UNO.

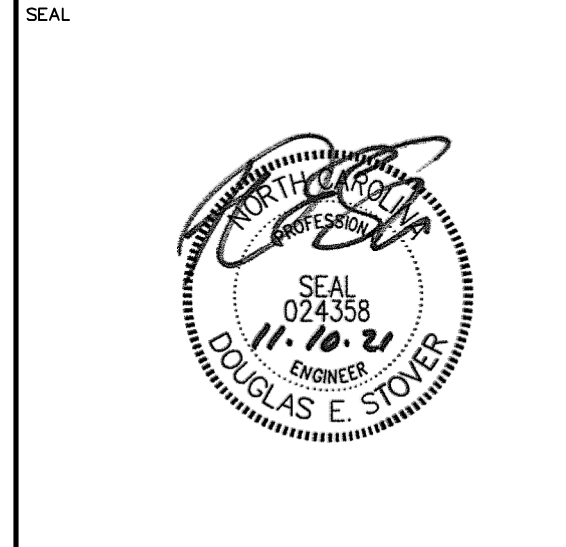
NOTES KEYED TO PLAN:

- REROUTE/EXTEND EXISTING LIGHTING CIRCUIT FOR THIS SPACE TO NEW LIGHT SWITCH LOCATION.
- PROVIDE WET LOCATION LIGHT FIXTURE (LITHONIA - ZWRT-F-L24-500LM-OW-AFL-MVOLT-E21-35K-9OCR). CONNECT TO ADDITIONAL LIGHTING AND SWITCH IN THIS SPACE. CIRCUIT AS INDICATED.
- PROVIDE WET LOCATION DOWN LIGHT FIXTURE (GOTHAM - EVO4SH-35/20-DFFAM-SOL-MVOLT).
- PROVIDE TAMPER RESISTANT GROUND FAULT RECEPTACLE (HUBBELL - GFTWRST20) IN DEVICE BOX AT 46" AFF. CIRCUIT AS INDICATED.
- CONNECT EXHAUST FAN WITH SPEED CONTROLLER IN THIS SPACE TO LIGHTING CIRCUIT IN THIS SPACE. EXHAUST FAN SHALL BE CONTROLLED BY LIGHT SWITCH IN THIS SPACE. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- PROVIDE WET LOCATION EMERGENCY LIGHT FIXTURE WITH SELF DIAGNOSTICS (LITHONIA - ELKAL UVOLT LTP SDRT WPVS RTKIT) 8" ABOVE AND CENTER OVER DOOR. PROVIDE REMOTE TEST KIT. CONNECT TO UNSWITCHED LIGHTING CIRCUIT IN THIS SPACE.
- PROVIDE SINGLE POLE LIGHT SWITCH (HUBBELL - HBL1221).
- PROVIDE SUPPORT TO PLUMBING CONTRACTOR FOR THE REMOVAL AND REINSTALLATION OF THE ELECTRICAL CONNECTIONS TO EXISTING HOT WATER CIRCULATOR PUMP IN THIS APPROXIMATE LOCATION OF MEZZANINE SPACE ABOVE THIS FLOOR. SEE PLUMBING DRAWING P3.1.
- PROVIDE LOCKABLE SWITCH AND ELECTRICAL CONNECTIONS FOR SENSOR FAUCETS POWER CONVERTER ABOVE CEILING AND CONNECTIONS TO FAUCETS. PROVIDE ELECTRICAL CONNECTIONS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE TAMPER RESISTANT DUPLEX RECEPTACLE (HUBBELL - HBL53621R).

BASE BID AND ALTERNATE	
BASE BID:	ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 101 SHALL BE INCLUDED IN THE BASE BID.
ALTERNATE NO. 1:	ALL GENERAL, ELECTRICAL, PLUMBING AND MECHANICAL DEMOLITION AND NEW WORK ASSOCIATED WITH NEW FAMILY SHOWER ROOM 104 SHALL BE INCLUDED AS ADD ALTERNATE NO. 1.



BY	CHK	DES



REV	DATE	DESCRIPTION
0	11/19/21	CONSTRUCTION DOCUMENTS

REG PROJECT NO.	20210180
CLIENT PROJECT NO.	---

AQUATICS AND FITNESS CENTER FAMILY RESTROOM ADDITION

DRAWING TITLE
PARTIAL FIRST FLOOR RENOVATION PLAN

DRAWING NO.
E2.1