



CITY OF MABLETON, GEORGIA
Hawthorne Plaza - STE 20 1245 Veteran Memorial
Highway, Mableton, GA 30126
June 22, 2026 at 6:30 PM

The Honorable Michael Owens, Mayor
The Honorable Ron Davis, Mayor Pro Tem/District 1 Councilmember
The Honorable Michael McNeely, District 2 Councilmember
The Honorable Keisha Jeffcoat, District 3 Councilmember
The Honorable Cassandra Brown, District 4 Councilmember
The Honorable TJ Ferguson, District 5 Councilmember
The Honorable Debora Herndon, District 6 Councilmember

CITY COUNCIL WORK SESSION AGENDA

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. INVOCATION**
- 4. PLEDGE OF ALLEGIANCE**
- 5. AGENDA ITEMS AND DISCUSSION**
 - a. OZAI 2026-01 Trejo Soccer Academy - Jireh Group, LLC requests a revision to zoning conditions relating to time of construction for property located in Land Lot 1070, 17th District: 560 Lions Club Drive (PIN 17010700080)**
- 6. PRE REGULAR MEETING AGENDA REVIEW**
- 7. ANNOUNCEMENTS**
- 8. EXECUTIVE SESSION (IF NEEDED) FOR LITIGATION (O.C.G.A. 50-14-3(B)(1)(A)REAL ESTATE(O.C.G.A. 50-14-3 (B)(1)) PERSONNEL (O.C.G.A. 50-14-3 (B)(2)) AND MISC. EXEMPTIONS (O.C.G.A. 50-14-3 (B)(4)&(5))**
- 9. ADJOURNMENT**

Persons with special needs relating to handicapped accessibility, disability, or foreign language may contact the City Clerk at (404) 927-9502 or susan.hiott@mableton.gov at least three days prior to the meeting. The clerk can be located at the City of Mableton Administrative Offices, 1245 Veterans Memorial Highway, Mableton, Georgia 30126 during regular office hours.



AGENDA ITEM MEMORANDUM

MEETING OF: June 22, 2026

DEPARTMENT: [DEPARTMENT]

ISSUE/AGENDA ITEM TITLE: OZAI 2026-01 Trejo Soccer Academy - Jireh Group, LLC requests a revision to zoning conditions relating to time of construction for property located in Land Lot 1070, 17th District: 560 Lions Club Drive (PIN 17010700080)

BACKGROUND/SUMMARY:

BUDGETED/FINANCIAL IMPACT – FUND:

RECOMMENDATION:

ATTACHMENTS:

1. OZAI 2026 01 Construction Plans
2. OZAI 2026-01 Application
3. Presentation

APPLICABLE BUILDING CODES

- THIS PROJECT WAS DESIGNED BASED ON THE FOLLOWING CODES APPLICABLE FOR COBB COUNTY, GEORGIA::
- (IBC) International Building Code, 2018 Edition, with 2020, 2022 and 2024 Georgia Amendments
 - (IRC) International Residential Code, 2018 Edition, with 2020 and 2024 Georgia Amendments
 - (IFC) International Fire Code, 2018 Edition, with 2020 Georgia Amendments
 - (IPC) International Plumbing Code, 2018 Edition, with 2020, 2022, 2023 and 2024 Georgia Amendments
 - (IMC) International Mechanical Code, 2018 Edition, with 2020 and 2024 Georgia Amendments
 - (IFGC) International Fuel Gas Code, 2018 Edition with 2020 and 2022 Georgia Amendments
 - (NEC) National Electrical Code, 2020 Edition with 2021 Georgia Amendments
 - (IECC) International Energy Conservation Code, 2015 Edition with 2020 Georgia Supplements and 2020, 2022, and 2023 Amendments
 - International Swimming Pool and Spa Code, 2018 Edition with 2020 Georgia Amendments
 - (NFPA) National Fire Protection Association 101 Life Safety Code, 2018 Edition with 2020 Georgia Amendments
 - Rules and Regulations of Safety Fire Commissioner for State Minimum Fire Safety Standards, Chapter 120-3-3 January 1,2020 (Georgia Safety Fire Law)
 - Georgia State Handicapped Accessibility Law 120-3-20A / 2010 ADA Standards for Accessible Design

PROJECT LOCATION MAP



560 LIONS CLUB DRIVE

PROJECT NAME:

TREJO SOCCER ACADEMY

PROJECT ADDRESS:

560 LIONS CLUB DRIVE, MABLETON, GA 30126

CLIENTS:

**Yaneth Medina Cell: (678) 598-2913
Email: yanethmedina12@gmail.com**
**Jeovanny "Jeo" Trejo Cell: (404) 567-0950
Email: trejosocceracademyllc@gmail.com**

ARCHITECT:

**GTS Consulting LLC - G. Todd Spencer
(404) 277-5206 - todd@gtscons.com 300 Lucinda Ct NW, Marietta, GA 30064**

MEP ENGINEER:

**Ray Group Consulting Engineers - Keith Mikulka
(770) 953-1443 - keithm@raygroup.net
1827 Powers Ferry Road, Bldg 20, Suite 100, Atlanta, GA 30339**

CODE / LIFE SAFETY / ZONING NOTES

PIN / PARCEL NUMBER: **17010700080** PROPERTY CLASS: **C4 - WAREHOUSE <50,000 SF**
TAX DISTRICT: **(M) MABLETON** SITE AREA: **2.71 ACRES** PRESENT ZONING: **LRO**
PROPOSED ZONING: **CRC**
CONSTRUCTION TYPE: **BUILDING / FIRE AREA 1 - II-B (000) BUILDING / FIRE AREA 2 - II-A (111)**
BUILDING AREA: **THE BUILDING IS BEING SEPARATED INTO 2 BUILDINGS BY FIRE WALL - THIS FIRE WALL IS REQUIRED TO HAVE A 2 HR RATING PER IBC TABLE 706.4 EXCEPTION A.**
BUILDING / FIRE AREA 1 - 8,450 SQ. FT. BUILDING / FIRE AREA 2 - 15,490 SQ. FT.
TOTAL AREA - 23,940 SQ. FT.
NUMBER OF STORIES ABOVE GRADE: **1 STORY** BUILDING HEIGHT: **20 FEET**
OCCUPANCY CLASSIFICATION:
NFPA 101 - NEW ASSEMBLY OCCUPANCY - CHAPTER 12
IBC - ASSEMBLY GROUP A-3 - GYMNASIUMS WITHOUT SPECTATOR SEATING
SPRINKLERS - **NO - INTERIOR SPACE DOES NOT CURRENTLY HAVE A SPRINKLER SYSTEM. SINCE OCCUPANT LOAD IS LESS THAN 300, THE CONSTRUCTION TYPE IS II(111) / II(000), THE BUILDING IS 1 STORY, THE AREA OF FIRE AREA 1 IS LESS THAN 9500 SQ. FT AND THE AREA OF FIRE AREA 2 IS LESS THAN 15,500 SQ. FT, A SPRINKLER SYSTEM IS NOT REQUIRED PER NFPA 101 - TABLE 12.1.6 AND IBC TABLE 506.2 AND TABLE 504.4.**
FIRE ALARM - **NO - INTERIOR SPACE DOES NOT CURRENTLY HAVE A FIRE ALARM SYSTEM. SINCE OCCUPANT LOAD IS LESS THAN 300, FIRE ALARM SYSTEM IS NOT REQUIRED PER NFPA 101 - 12.3.4.1.1.**
OCCUPANCY LOAD CALCULATIONS USING NFPA TABLE 7.3.1.2: = **SEE SHEET A-1.1**
EMERGENCY EGRESS EXITS: **2 EXITS ARE REQUIRED IN EACH FIRE AREA. ALL DOORS MUST OPEN IN THE DIRECTION OF EXIT TRAVEL. ALL EXIT DOORS MUST BE EQUIPPED WITH PANIC HARDWARE.**
DEAD END CORRIDOR LIMIT: **20 FT**
MAXIMUM TRAVEL DISTANCE TO AN EXIT: **200 FT**
MINIMUM PLUMBING FIXTURES:
FIRE AREA 1 - 1 TOILET AND 1 SINK FOR MEN AND 1 TOILET AND 1 SINK FOR WOMEN.
FIRE AREA 2 - 1 TOILET AND 1 SINK FOR MEN AND 2 TOILETS AND 1 SINK FOR WOMEN.
1 ADA ACCESSIBLE DRINKING FOUNTAIN IS REQUIRED FOR EACH FIRE AREA.
1 SERVICE SINK IS REQUIRED FOR EACH FIRE AREA.
THESE MINIMUM FIXTURES ARE REQUIRED BY 2018 IPC TABLE 403.1.

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- A-E1: EXISTING / DEMOLITION FLOOR PLAN
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- P1.1: PLUMBING - DRAINAGE PLAN
- P1.2: PLUMBING - WATER SUPPLY PLAN
- P1.3: GAS SUPPLY FLOOR PLAN
- P2.1: PLUMBING DETAILS

SCOPE OF WORK

PROJECT DESCRIPTION: This project consists of the conversion of an existing 114 ft x 202 ft metal building into an indoor soccer facility. The existing building is approximately 24,000 sq ft. There will be a 2 hour fire wall installed to separate the building into two separate buildings / fire areas.

The existing exterior envelope and structural system including exterior walls, steel columns and steel roof joists will remain. The roof is in good condition. About 70% of the roof was recently replaced. There are extensive repairs that will need to be made to the exterior walls. There are no interior load bearing walls.

The existing large roll-up door at the front of the space will remain. There is a small office addition on the front of the building that will remain.

There will be 2 new soccer fields on the interior of the building that will measure approximately 55 ft wide x 93 ft long. The field surface will be synthetic turf over a soft mat underlayment. The soccer fields and the training area will NOT be air conditioned space.

There will be new restrooms, storage rooms and offices installed. The offices, restrooms, hallway and storage rooms will be air conditioned areas. New interior walls, flooring or staining of the existing concrete slab, ceilings, light fixtures, plumbing fixtures, doors, cabinets and countertops will be installed. New HVAC systems and ductwork will be installed as needed. The existing electrical system will be modified as needed. There will be new electrical switches and outlets installed.

REVISIONS:

9/10/25
CITY OF MABLETON
COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION
DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT



DRAWING NO:

A-0

DATE: 9/10/25

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CONSTRUCTION DRAWINGS - 9/10/25

304 Turning Space

304.3.1 Circular Space. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-Shaped Space. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

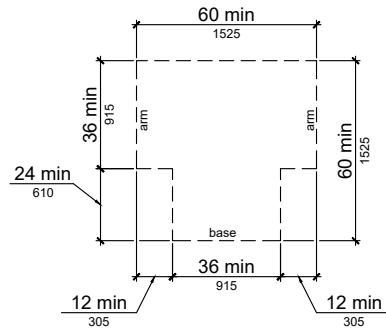


Figure 304.3.2 T-Shaped Turning Space

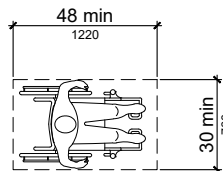


Figure 305.3 Clear Floor or Ground Space

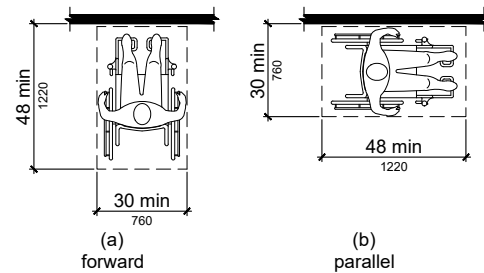


Figure 305.5 Position of Clear Floor or Ground Space

305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

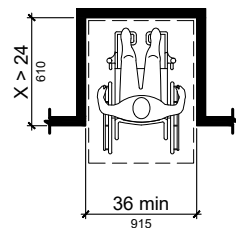


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

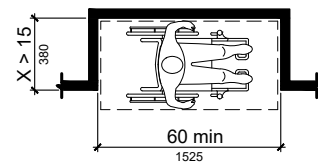


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

ADA DETAILS

306 Knee and Toe Clearance

306.2 Toe Clearance.

306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.

306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

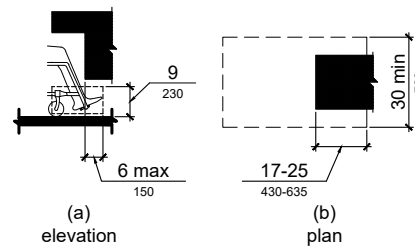


Figure 306.2 Toe Clearance

306.3 Knee Clearance.

306.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an element at 9 inches (230 mm) above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

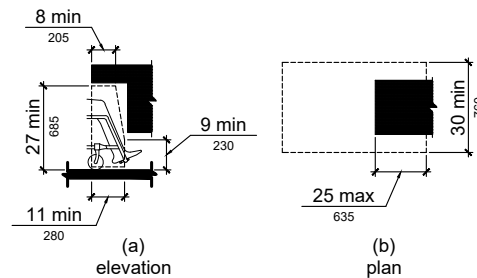


Figure 306.3 Knee Clearance

308 Reach Ranges

Children's Reach Ranges

Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	36 in (915 mm)	20 in (510 mm)
Ages 5 through 8	40 in (1015 mm)	18 in (455 mm)
Ages 9 through 12	44 in (1120 mm)	16 in (405 mm)

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

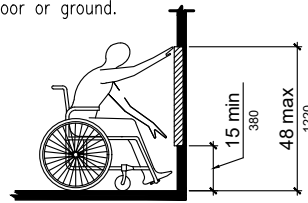


Figure 308.2.2 Obstructed High Forward Reach

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

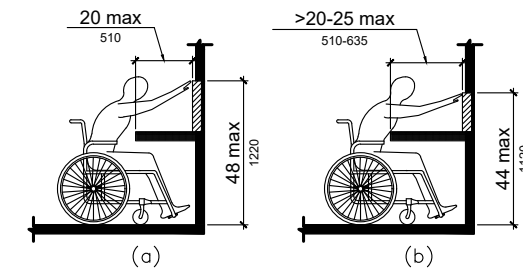
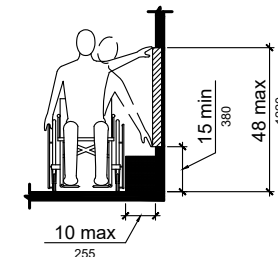


Figure 308.3.1 Unobstructed Side Reach

308.3 Side Reach.

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.



308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

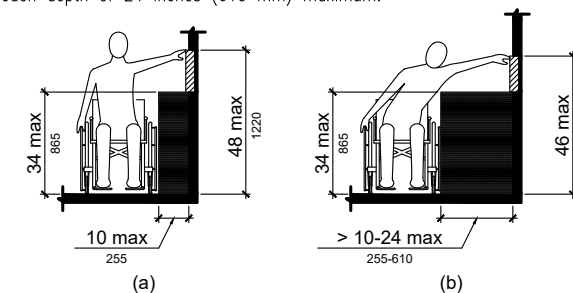


Figure 308.3.2 Obstructed High Side Reach

309 Operable Parts

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

CHAPTER 4: ACCESSIBLE ROUTES

402.2 Components. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.

Advisory 402.2 Components. Walking surfaces must have running slopes not steeper than 1:20, see 403.3. Other components of accessible routes, such as ramps (405) and curb ramps (406), are permitted to be more steeply sloped.

403 Walking Surfaces

403.1 General. Walking surfaces that are a part of an accessible route shall comply with 403.

403.2 Floor or Ground Surface. Floor or ground surfaces shall comply with 302.

403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

REVISIONS:

9/10/25
CITY OF MABLETON
COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION
DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT



DRAWING NO:

A-01

DATE: 9/10/25

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403.4 Changes in Level. Changes in level shall comply with 303.

403.5 Clearances. Walking surfaces shall provide clearances complying with 403.5.

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

403.5.1 Clear Width. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

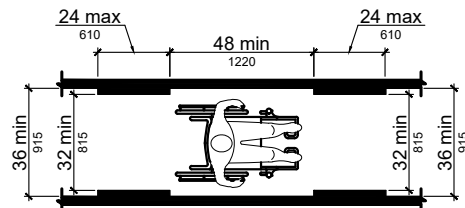


Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 Clear Width at Turn. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

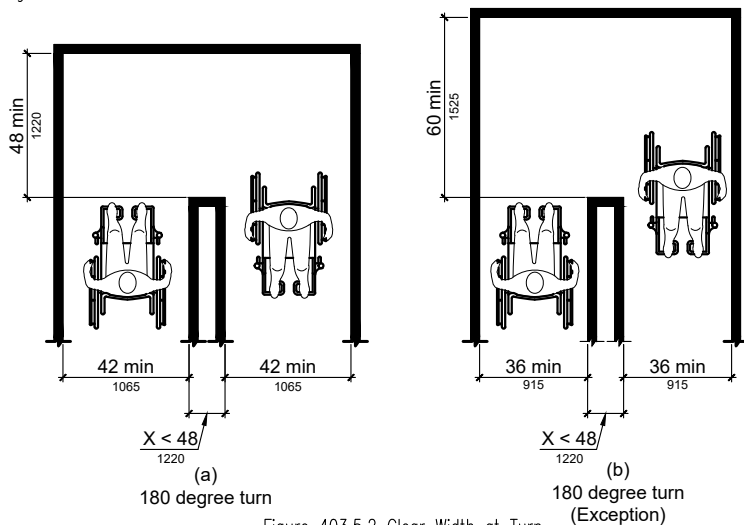


Figure 403.5.2 Clear Width at Turn

403.5.3 Passing Spaces. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum.

404 Doors, Doorways, and Gates

404.2.3 Clear Width. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

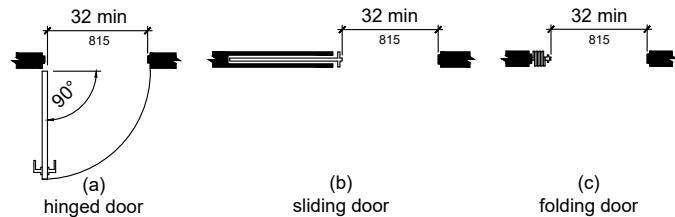


Figure 404.2.3 Clear Width of Doorways

404.2.4 Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.

404.2.4.3 Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

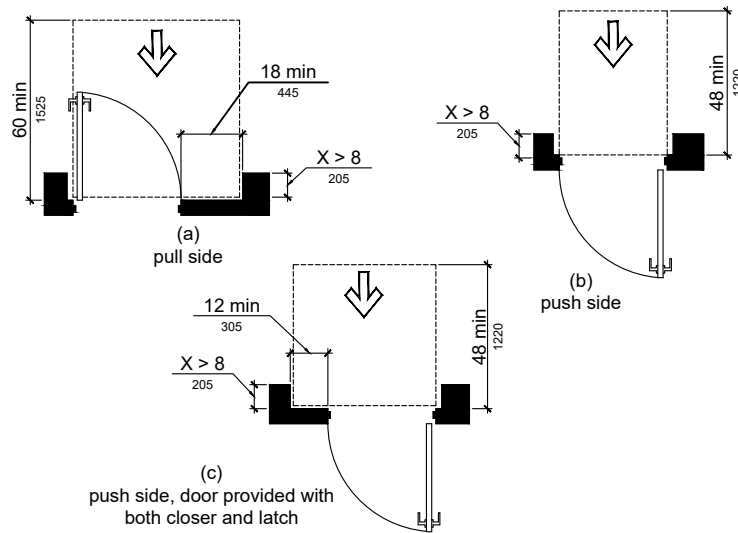


Figure 404.2.4.3 Maneuvering Clearances at Recessed Doors and Gates

404.2.6 Doors in Series and Gates in Series. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

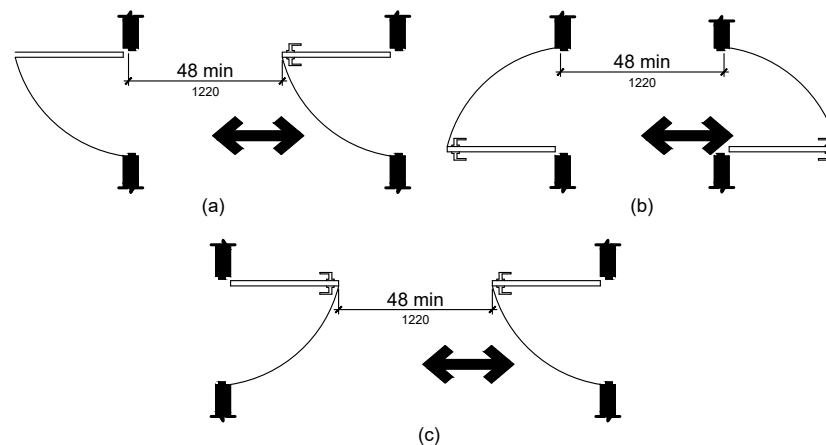


Figure 404.2.6 Doors in Series and Gates in Series

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.

404.2.8.1 Door Closers and Gate Closers. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

404.2.8.2 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

404.2.9 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum.
2. Sliding or folding doors: 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

404.2.10 Door and Gate Surfaces. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

404.2.11 Vision Lights. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches (1090 mm) maximum above the finish floor.

404.3 Automatic and Power-Assisted Doors and Gates. Automatic doors and automatic gates shall comply with 404.3. Full-powered automatic doors shall comply with ANSI/BHMA A156.10 (incorporated by reference, see "Referenced Standards" in Chapter 1). Low-energy and power-assisted doors shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

404.3.2 Maneuvering Clearance. Clearances at power-assisted doors and gates shall comply with 404.2.4. Clearances at automatic doors and gates without standby power and serving an accessible means of egress shall comply with 404.2.4.

404.3.7 Revolving Doors, Revolving Gates, and Turnstiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

603 Toilet and Bathing Rooms

603.2 Clearances. Clearances shall comply with 603.2.

603.2.1 Turning Space. Turning space complying with 304 shall be provided within the room.

603.2.2 Overlap. Required clear floor spaces, clearance at fixtures, and turning space shall be permitted to overlap.

603.2.3 Door Swing. Doors shall not swing into the clear floor space or clearance required for any fixture. Doors shall be permitted to swing into the required turning space.

603.3 Mirrors. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

603.4 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604 Water Closets and Toilet Compartments

604.2 Location. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.

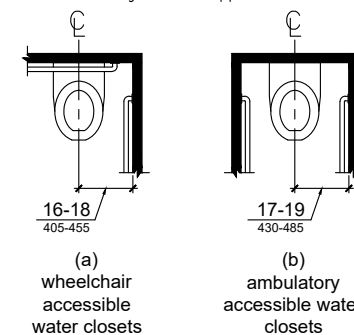


Figure 604.2 Water Closet Location

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

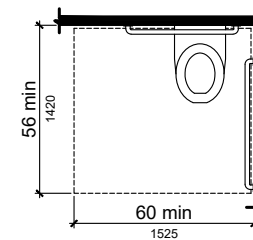


Figure 604.3.1 Size of Clearance at Water Closets

604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.

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604.4 Seats. The seat height of a water closet above the finish floor shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.5 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

604.5.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

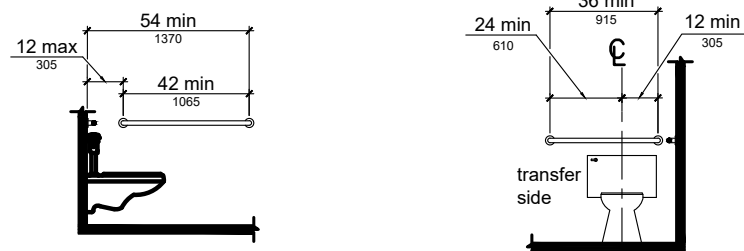


Figure 604.5.1 Side Wall Grab Bar at Water Closets Figure 604.5.2 Rear Wall Grab Bar at Water Closets

604.5.2 Rear Wall. The rear wall grab bar shall be 36 inches (915 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

604.6 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

604.7 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

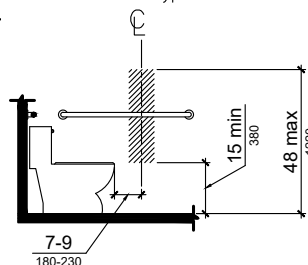


Figure 604.7 Dispenser Outlet Location

604.8 Toilet Compartments. Wheelchair accessible toilet compartments shall meet the requirements of 604.8.1 and 604.8.3. Compartments containing more than one plumbing fixture shall comply with 603. Ambulatory accessible compartments shall comply with 604.8.2 and 604.8.3.

604.8.1 Wheelchair Accessible Compartments. Wheelchair accessible compartments shall comply with 604.8.1.

604.8.1.1 Size. Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

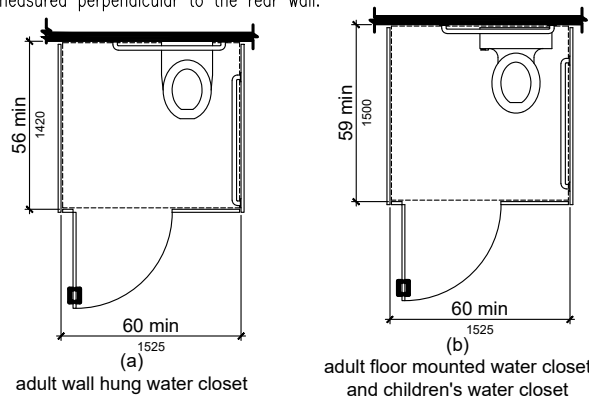


Figure 604.8.1.1 Size of Wheelchair Accessible Toilet Compartment

604.8.1.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

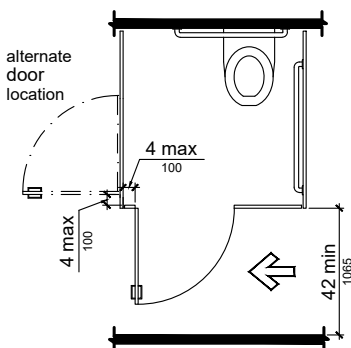


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors

604.8.1.3 Approach. Compartments shall be arranged for left-hand or right-hand approach to the water closet.

604.8.1.4 Toe Clearance. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) minimum beyond the compartment-side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall-hung water closet or 65 inches (1650 mm) deep with a floor-mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm) deep.

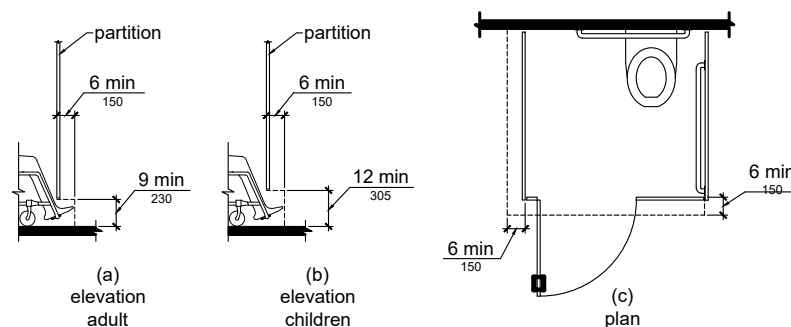


Figure 604.8.1.4 Wheelchair Accessible Toilet Compartment Toe Clearance

604.8.1.5 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided and shall be located on the wall closest to the water closet. In addition, a rear-wall grab bar complying with 604.5.2 shall be provided.

604.8.2 Ambulatory Accessible Compartments. Ambulatory accessible compartments shall comply with 604.8.2.

604.8.2.1 Size. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

604.8.2.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

604.8.2.3 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided on both sides of the compartment.

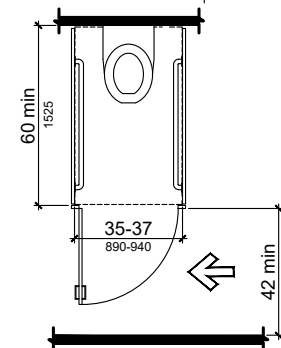


Figure 604.8.2 Ambulatory Accessible Toilet Compartment

604.8.3 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604.9 Water Closets and Toilet Compartments for Children's Use. Water closets and toilet compartments for children's use shall comply with 604.9.

604.9.1 Location. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 12 inches (305 mm) minimum and 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Compartments shall be arranged for left-hand or right-hand approach to the water closet.

604.9.2 Clearance. Clearance around a water closet shall comply with 604.3.

604.9.3 Height. The height of water closets shall be 11 inches (280 mm) minimum and 17 inches (430 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.9.4 Grab Bars. Grab bars for water closets shall comply with 604.5.

604.9.5 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.2 and 309.4 and shall be installed 36 inches (915 mm) maximum above the finish floor. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

604.9.6 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 14 inches (355 mm) minimum and 19 inches (485 mm) maximum above the finish floor. There shall be a clearance of 1 1/2 inches (38 mm) minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

604.9.7 Toilet Compartments. Toilet compartments shall comply with 604.8.

605 Urinals

605.2 Height and Depth. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

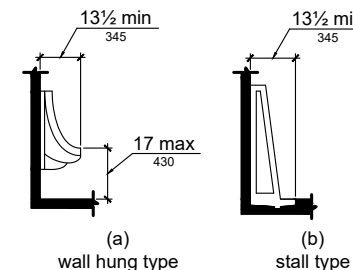


Figure 605.2 Height and Depth of Urinals

605.3 Clear Floor Space. A clear floor or ground space complying with 305 positioned for forward approach shall be provided.

605.4 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.

606 Lavatories and Sinks

606.2 Clear Floor Space. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

606.3 Height. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground.

606.4 Faucets. Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.

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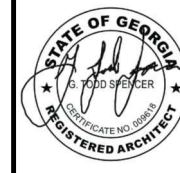
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606.5 Exposed Pipes and Surfaces. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

609 Grab Bars

609.1 General. Grab bars in toilet facilities and bathing facilities shall comply with 609.

609.2 Cross Section. Grab bars shall have a cross section complying with 609.2.1 or 609.2.2.

609.2.1 Circular Cross Section. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 Non-Circular Cross Section. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4.8 inches (120 mm) maximum.

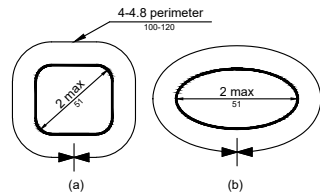


Figure 609.2.2 Grab Bar Non-Circular Cross Section

609.3 Spacing. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

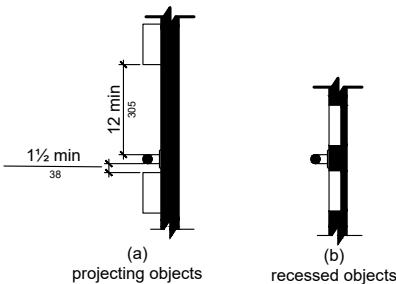


Figure 609.3 Spacing of Grab Bars

609.4 Position of Grab Bars. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES

702 Fire Alarm Systems

702.1 General. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).

703 Signs

703.1 General. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.

703.2.2 Case. Characters shall be uppercase.

703.2.3 Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

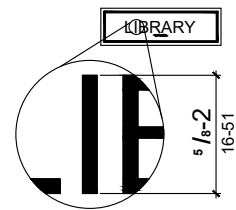


Figure 703.2.5 Height of Raised Characters

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

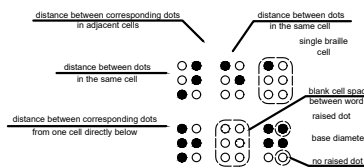


Figure 703.3.1 Braille Measurement

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

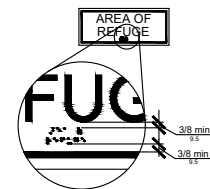


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

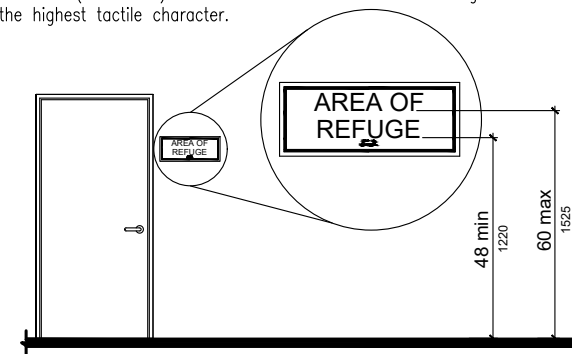


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

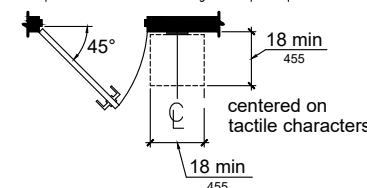


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30 percent maximum of the height of the character.

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

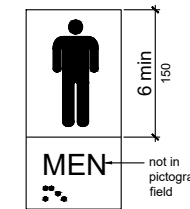


Figure 703.6.1 Pictogram Field dark-on-light.

703.6.2 Finish and Contrast. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field.

703.6.3 Text Descriptors. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.7 Symbols of Accessibility. Symbols of accessibility shall comply with 703.7.

703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

705 Detectable Warnings

705.1 General. Detectable warnings shall consist of a surface of truncated domes and shall comply with 705.

705.1.1 Dome Size. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum, a top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and a height of 0.2 inch (5.1 mm).

705.1.2 Dome Spacing. Truncated domes in a detectable warning surface shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inch (17 mm) minimum, measured between the most adjacent domes on a square grid.

705.1.3 Contrast. Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light.

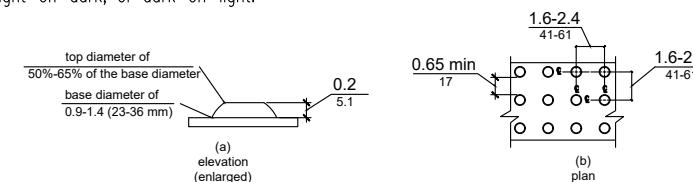


Figure 705.1 Size and Spacing of Truncated Domes

705.2 Platform Edges. Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the public use areas of the platform.

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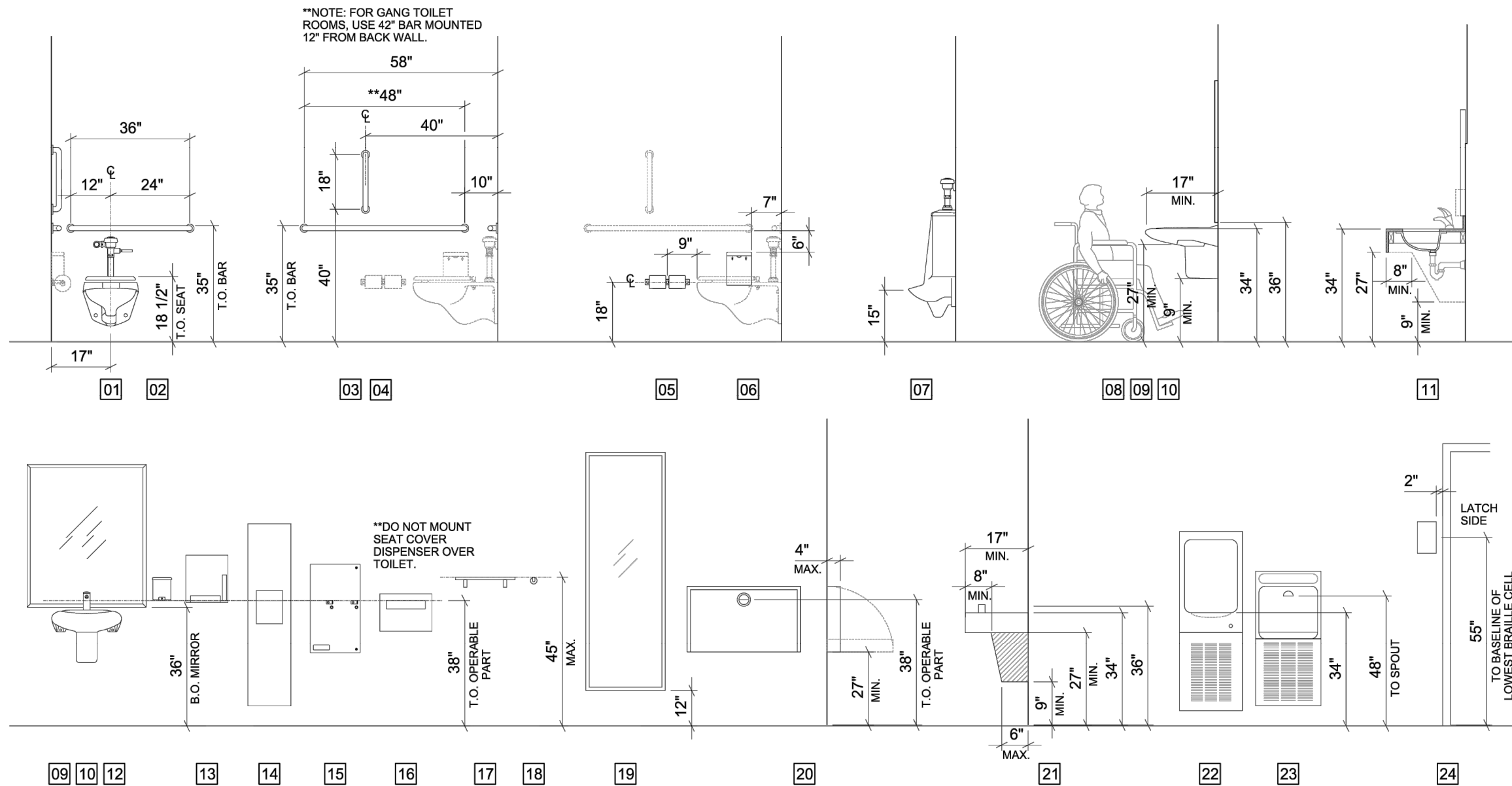
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ADA MOUNTING HEIGHTS



- LEGEND**
- 01 TOILET
 - 02 36" GRAB BAR
 - 03 48" GRAB BAR
 - 04 18" GRAB BAR
 - 05 TOILET PAPER DISPENSER
 - 06 SANITARY NAPKIN DISPOSAL
 - 07 URINAL
 - 08 KNEE CLEARANCE
 - 09 WALL-MOUNTED LAVATORY
 - 10 MIRROR
 - 11 COUNTER-MOUNTED LAVATORY
 - 12 SOAP DISPENSER
 - 13 PAPER TOWEL DISPENSER
 - 14 PAPER TOWEL / WASTE COMBO UNIT
 - 15 SANITARY NAPKIN DISPENSER
 - 16 TOILET SEAT COVER/ KLEENEX DISPENSER
 - 17 SHELF
 - 18 COAT HOOK
 - 19 FULL-LENGTH MIRROR
 - 20 BABY CHANGING STATION
 - 21 WALL-MOUNTED DRINKING FOUNTAIN
 - 22 RECESSED DRINKING FOUNTAIN
 - 23 BOTTLE-FILLING STATION
 - 24 ROOM SIGNAGE

ADDITIONAL NOTES:

1. MOUNTING HEIGHTS FOR SOME FIXTURES MAY CHANGE DEPENDING ON THE SPECIFIC FIXTURE SELECTED.
2. THESE ARE SPECIFIC HEIGHTS SELECTED WITHIN THE RANGES ALLOWED BY THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1-2003.
3. COMPLETE COMPLIANCE WITH ALL ASPECTS OF 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1-2003 IS REQUIRED OF ALL PROJECTS AND ACTIVITIES.
4. ALL OPERABLE HARDWARE, INCLUDING DOOR HARDWARE AND TOILET PARTITION HARDWARE, TO BE LEVER TYPE.
5. AVOID MOUNTING GRAB BARS ON TOILET PARTITIONS WHEREVER POSSIBLE.

6. WHERE A LOOSE TRASH CAN IS PROVIDED, ENSURE THAT TRASH CAN LOCATION DOES NOT INTERFERE WITH ANY REQUIRED MANEUVERING CLEARANCES.
7. DOOR THRESHOLDS SHOULD BE FLUSH WHEREVER POSSIBLE. THRESHOLD HEIGHT SHALL NOT EXCEED 1/8".

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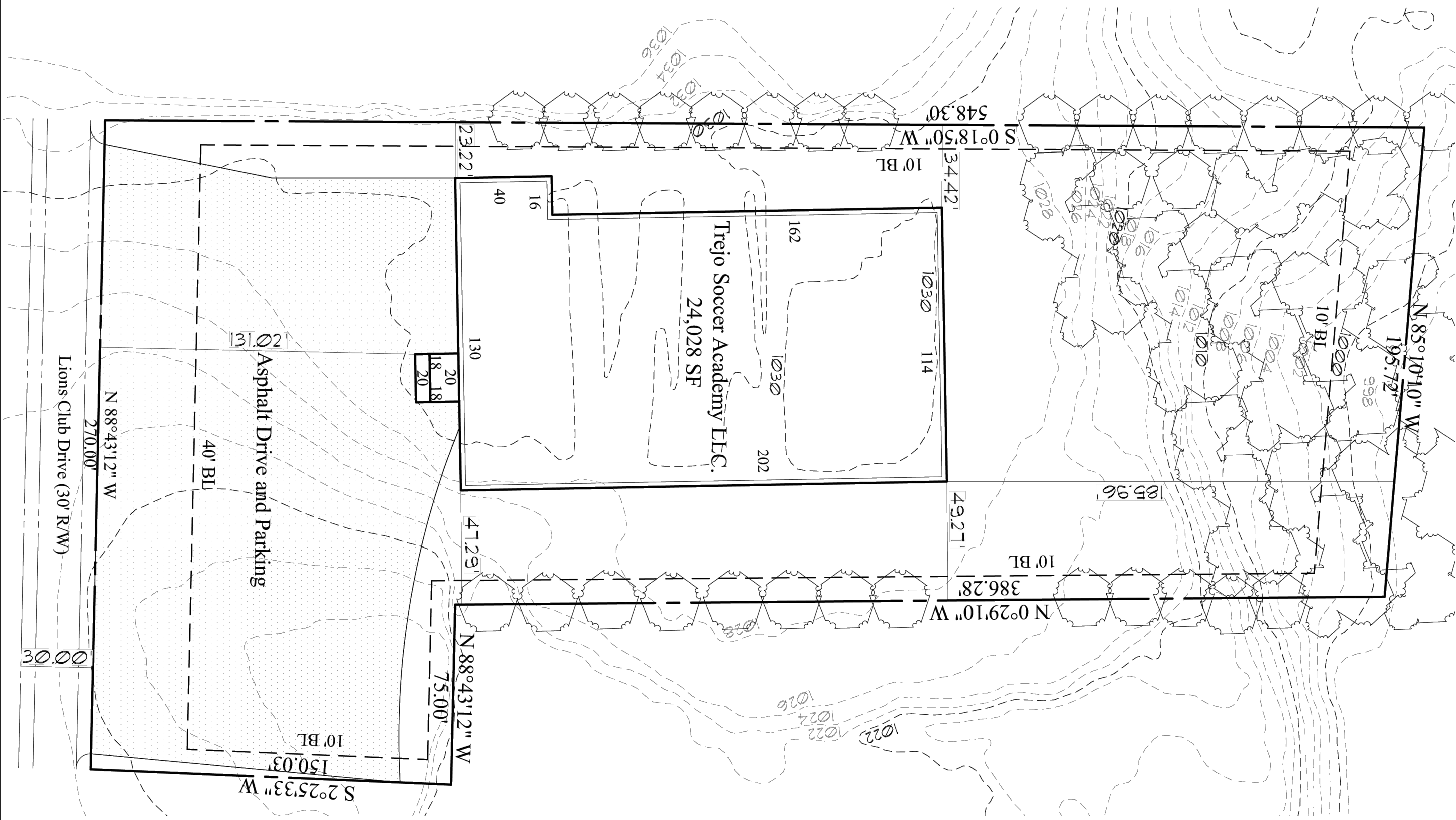


DRAWING NO:

A-05

DATE: 9/10/25

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1 EXISTING SITE PLAN
SCALE: 1" = 40'-0"

REVISIONS:
 1 9/10/25
 CITY OF MABLETON
 COMMENTS

PROJECT NAME:
TREJO SOCCER ACADEMY
 560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:
 CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
 300 LUCINDA CT NW
 MARIETTA, GA 30064
 (404) 277-5206



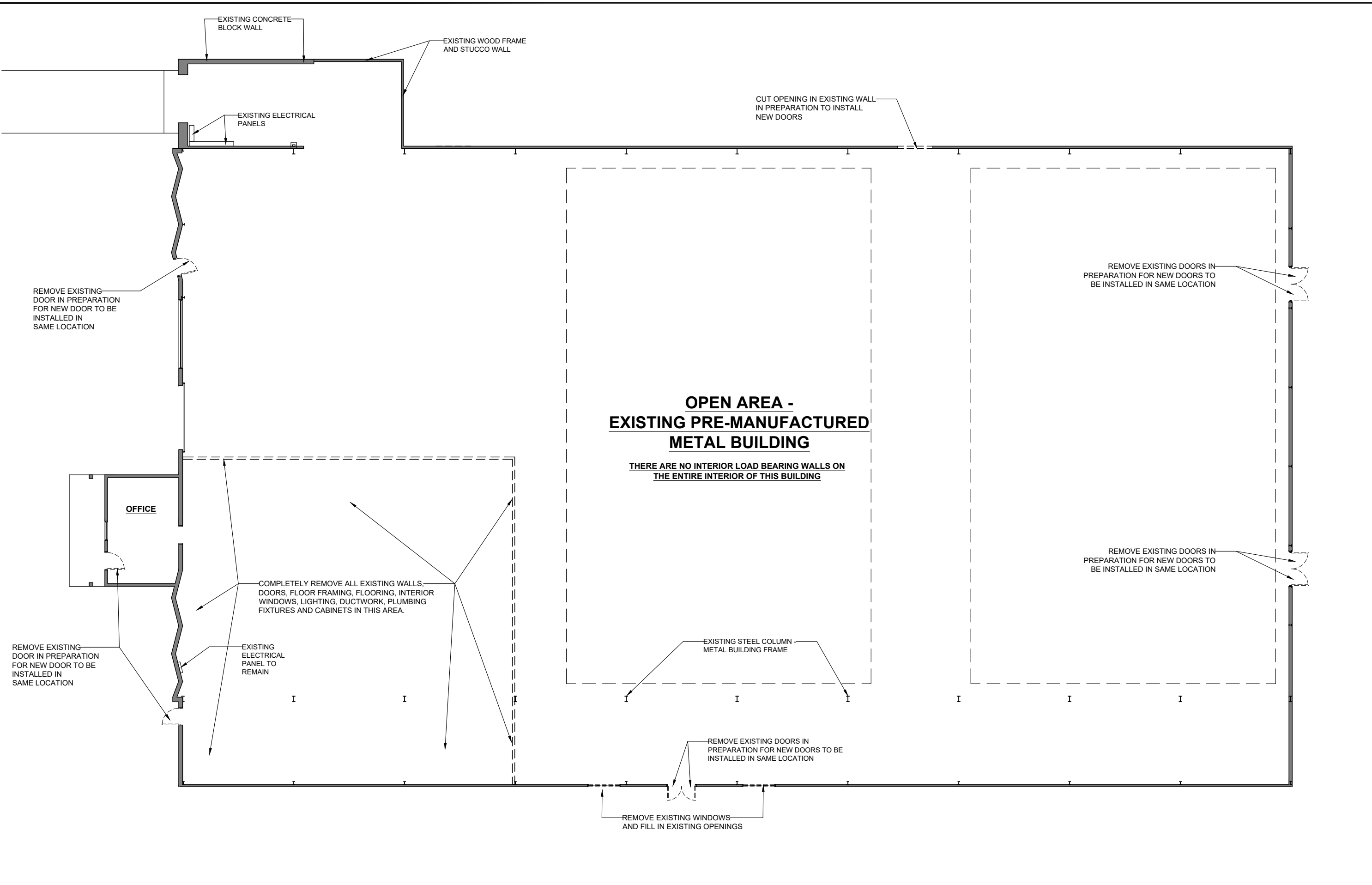
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 ARCHITECT



DRAWING NO:
A-S1

DATE: 9/10/25

SHEET 7 OF 33
 Page 9 of 49



REVISIONS:

9/10/25
 1 CITY OF MABLETON COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
 560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
 300 LUCINDA CT NW
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 (404) 277-5206



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A-E1

DATE: 9/10/25

SHEET 8 OF 33

1 EXISTING / DEMOLITION FLOOR PLAN
 SCALE: 1/16" = 1'-0"

REVISIONS:

9/10/25
 CITY OF MABLETON
 COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
 560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
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 (404) 277-5206



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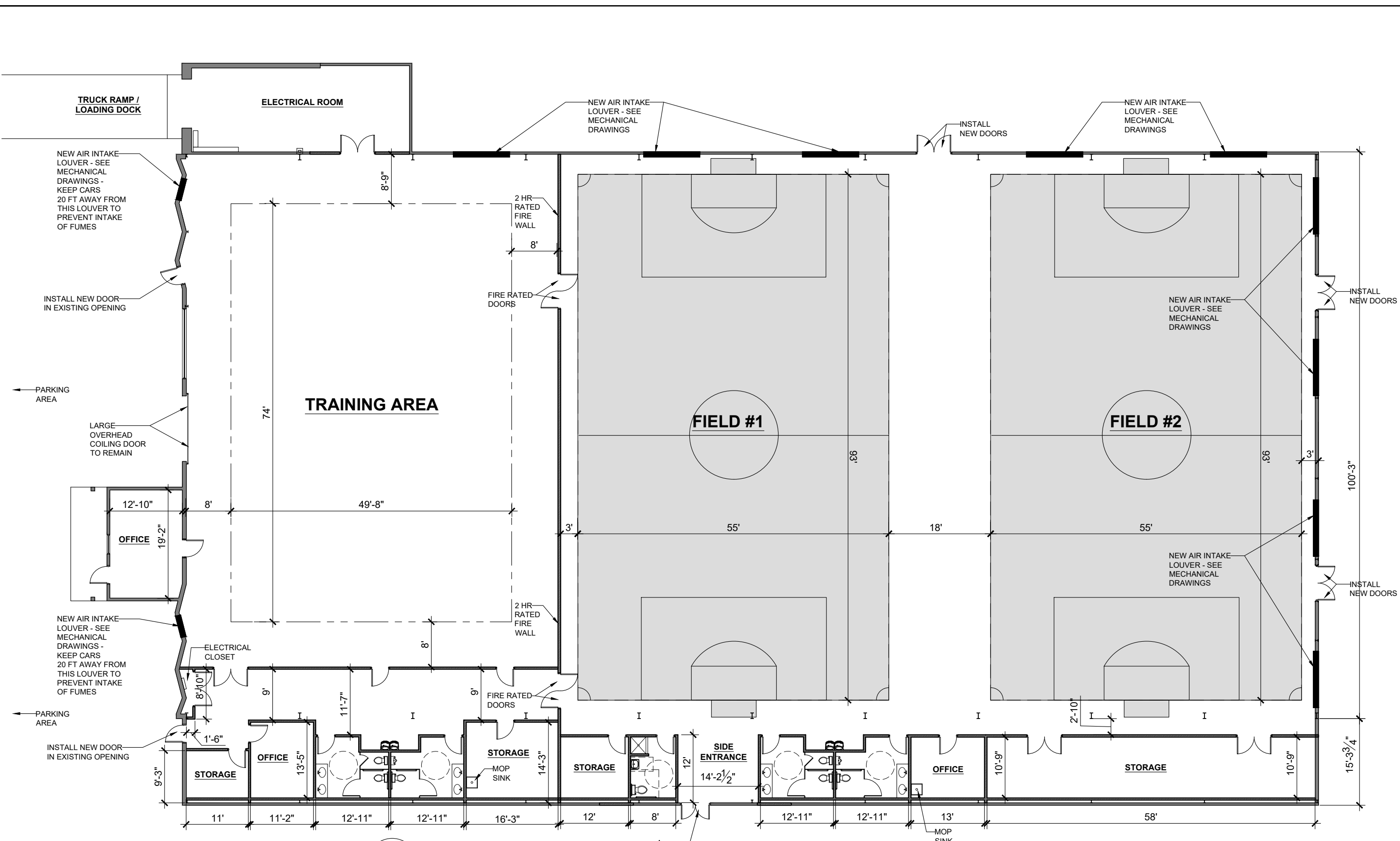


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A-1.0

DATE: 9/10/25

SHEET 9 OF 33
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- NOTES:**
1. ALL NEW INTERIOR DOORS TO BE 3'-0" WIDE X 6'-8" HIGH UNLESS NOTED OTHERWISE
 2. ALL GYPSUM BOARD ON WALL SURFACES IN RESTROOMS, STORAGE ROOM WITH MOP SINK AND OFFICE WITH MOP SINK TO BE MOISTURE RESISTANT "GREEN" BOARD

1 PROPOSED FLOOR PLAN
 SCALE: 1/16" = 1'-0"

REVISIONS:

9/10/25
1 CITY OF MABLETON COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

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GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT

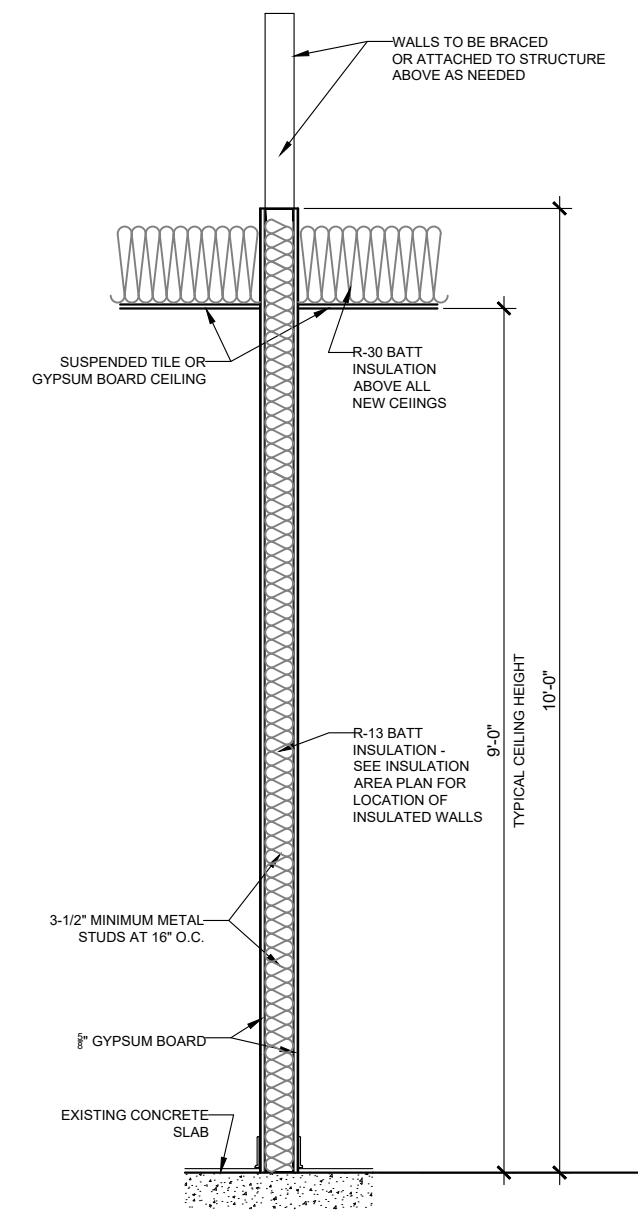


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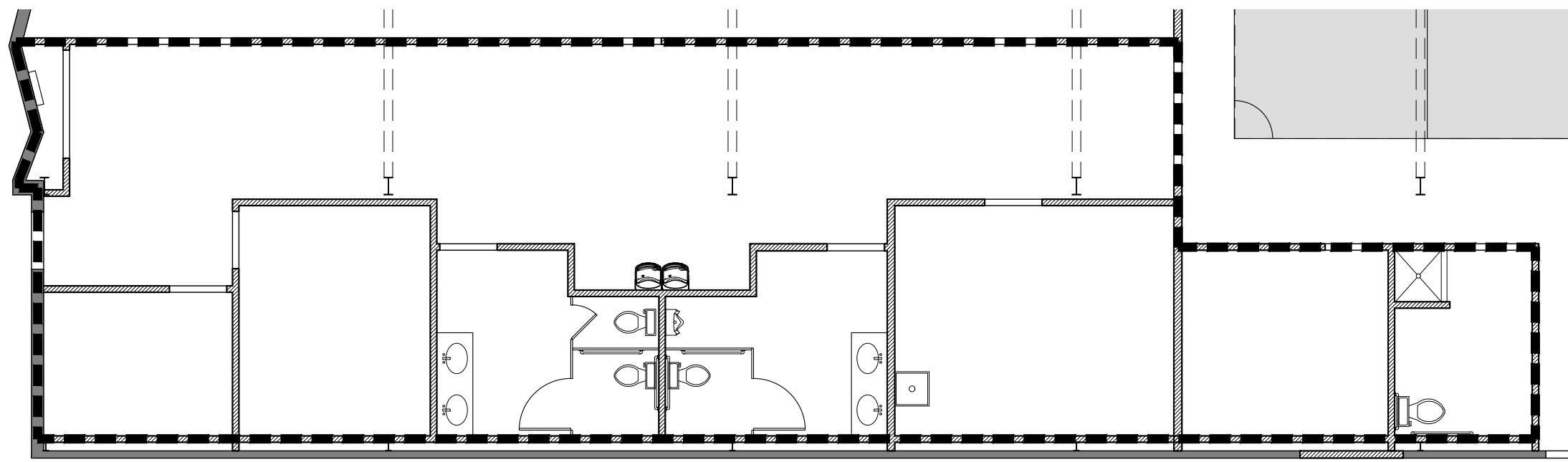
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DATE: 9/10/25

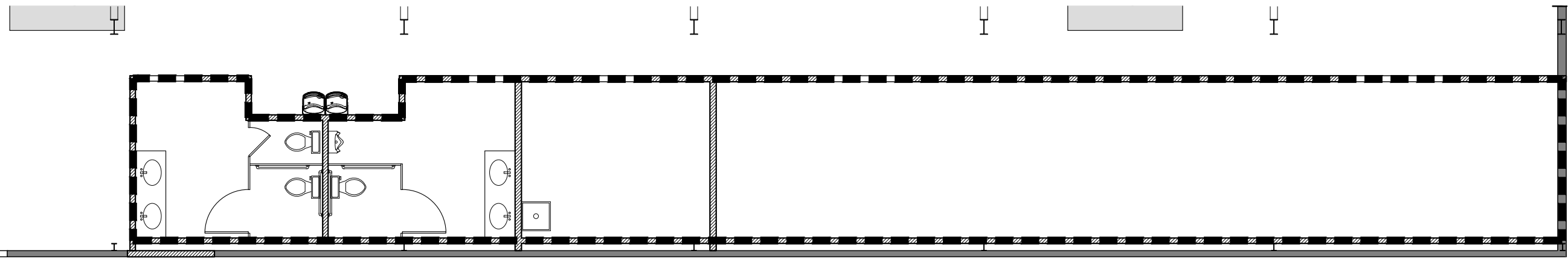
SHEET 10 OF 33



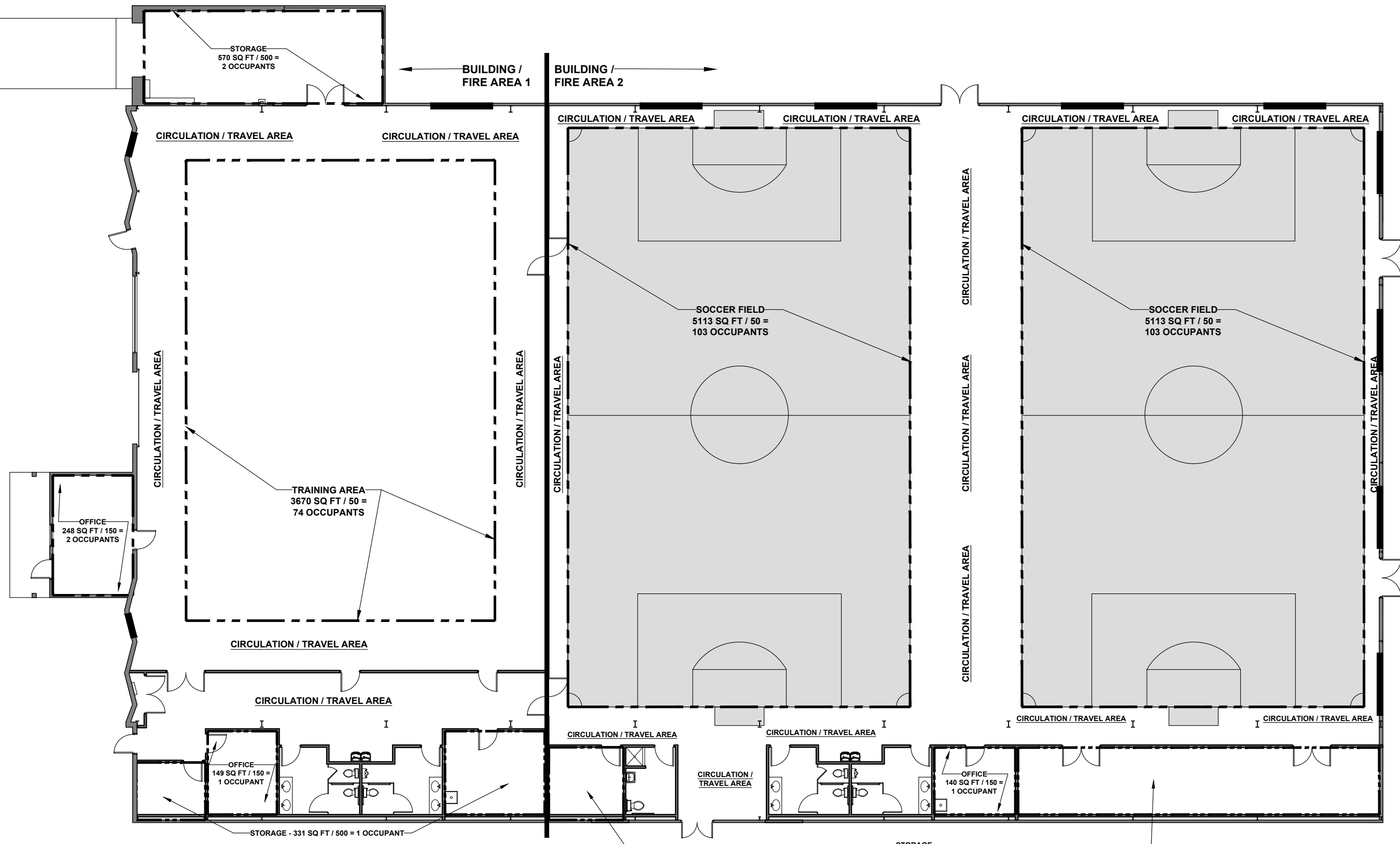
3 TYPICAL INTERIOR PARTITION DETAIL
SCALE: 1/2" = 1'-0"



1 INSULATED AREA PLAN
SCALE: 1/8" = 1'-0"
DASHED LINE INDICATES WALL CAVITY FILLED WITH R-13 BATT INSULATION



2 INSULATED AREA PLAN
SCALE: 1/8" = 1'-0"
DASHED LINE INDICATES WALL CAVITY FILLED WITH R-13 BATT INSULATION



OCCUPANCY LOAD CALCULATIONS USING 2018 NFPA - LIFE SAFETY CODE - TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR

SOCCER FIELDS AND TRAINING AREA - EXERCISE ROOMS WITH EQUIPMENT - 50 SQ FT PER OCCUPANT

OFFICES - BUSINESS USE - 150 SQ FT PER OCCUPANT

STORAGE - STORAGE USE IN OTHER THAN STORAGE AND MERCANTILE OCCUPANCIES - 500 SQ FT PER OCCUPANT

BUILDING / FIRE AREA 1 - TRAINING AREA - 74 OCCUPANTS + OFFICES - 3 OCCUPANTS + STORAGE - 3 OCCUPANTS = 80 TOTAL OCCUPANTS

BUILDING / FIRE AREA 2 - SOCCER FIELDS - 206 OCCUPANTS + OFFICES - 1 OCCUPANT - STORAGE - 2 OCCUPANTS = 209 TOTAL OCCUPANTS

1 OCCUPANCY CALCULATION PLAN
SCALE: 1/16" = 1'-0"

REVISIONS:

9/10/25
1 CITY OF MABLETON COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
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(404) 277-5206



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A-1.1

DATE: 9/10/25

SHEET 11 OF 33
Page 13 of 49

REVISIONS:

9/10/25
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DRAWN BY:

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ARCHITECT



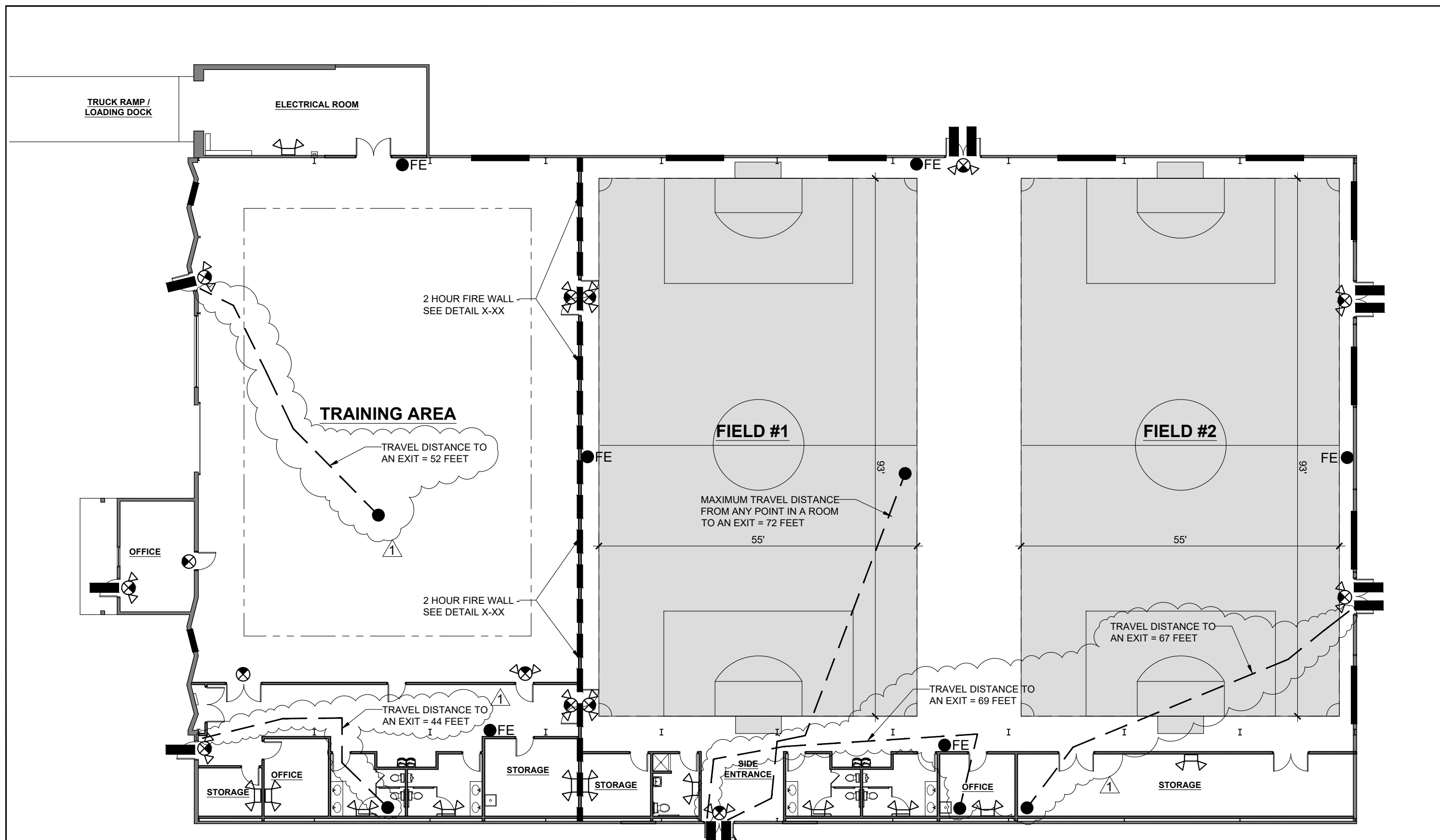
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DATE: 9/10/25

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LEGEND:

- ILLUMINATED EXIT SIGN WITH EMERGENCY LIGHTS AND BATTERY BACKUP
- ILLUMINATED EXIT SIGN WITH BATTERY BACKUP
- 2-A WALL MOUNTED FIRE EXTINGUISHER
- 36" WIDE (U.N.O) EXIT DOOR OPENING IN DIRECTION OF TRAVEL
- WALL MOUNTED EMERGENCY LIGHTS WITH BATTERY BACKUP

NOTES:

1. ALL EXIT DOORS TO BE EQUIPPED WITH PANIC HARDWARE
2. MAXIMUM TRAVEL DISTANCE TO A FIRE EXTINGUISHER IS 75 FEET

1 LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"

**BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada**

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

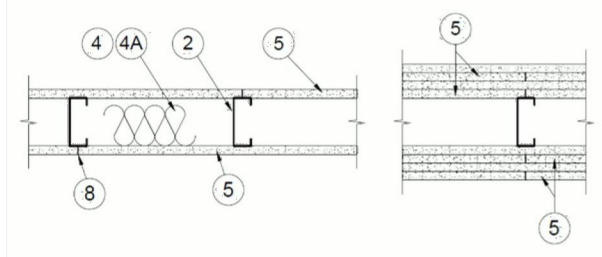
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U419

May 09, 2025

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1. **Floor and Ceiling Runners** — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CEMCO, LLC — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners** — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. **Framing Members* — Floor and Ceiling Runners** — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Track

1O. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC — Viper X Track

1P. **Framing Members* — Floor and Ceiling Runner** — (Not Shown — Alternate to Item 1) — For use with Item 2R, channel shaped runners pre-equipped with proprietary attachment clips. Min. 3-5/8 in. wide. Legs of top runners minimum 3-1/4 in. wide. Legs of bottom runners minimum 1-1/2 in. wide. Runners attached to floor and ceiling with fasteners 24 in. OC max.
HYPERFRAME INC - Hypertrack

1Q. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2S, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

JJC INTERNATIONAL DISTRIBUTORS — Non-structural Tracks 3-5/8" and 6".

1R. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2T, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max

IRONLINE METALS LLC — Bantam Track.

2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs** — (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J or Type UULX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members* - Steel Studs** — (As an alternate to Item 2, For use with Items 5C, 5I or Type UULX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
CEMCO, LLC — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CEMCO, LLC — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. **Framing Members* — Steel Studs** — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. **Framing Members* — Steel Studs** — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type UULX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.
SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.
STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs** — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* — Steel Studs** —

2J. **Framing Members* — Metal Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

2K. **Framing Members* — Steel Studs** — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
EB METAL INC — NITROSTUD

2L. **Framing Members* — Steel Studs** — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members* — Steel Studs** — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members* — Steel Studs** — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.
RESCUE METAL FRAMING, L L C — AlphaSTUD

2O. **Framing Members* — Steel Studs** — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members* — Steel Studs** — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Stud

2Q. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 10, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CEMCO, LLC — Viper X

2Q. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 10, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CEMCO, LLC — Viper X

2R. **Framing Members* — Steel Studs** — (Not Shown — Alternate to Item 2, For use with Item 1P) — Channel shaped steel studs with attachment clips at top and bottom, min 3-5/8 in. depth, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (Item 1P). Max 2-3/8 in. extension reveal from top of stud to inside of ceiling runner.

HYPERFRAME INC — Hyperstud

2S. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 1Q, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

JJC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8" and 6".

2T. **Framing Members* — Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 1R, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

IRONLINE METALS LLC — Bantam Stud.

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type UULX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Rating, Hr	Gypsum Board Protection on Each Side of Wall		
	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, UULX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, UULX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C, 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.
CGC INC — Type SHX.
UNITED STATES GYPSUM CO — Type FRX-G, SHX.
USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board*** — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).
RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board*** — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.
CGC INC — Type SCX, UULX.

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — Type SCX, SGX, UULX.

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type SCX

REVISIONS:

9/10/25
CITY OF MABLETON
COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT



DRAWING NO.:

A-1.2B

DATE:

9/10/25

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5D. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.
CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG BORAL DRYWALL SFZ LLC — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine drillor) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.
NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall			
Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX or 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Types C and 5/8 in. thick SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).
MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board*** — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.
CGC INC — Type ULIX, ULX

UNITED STATES GYPSUM CO — Type ULIX, ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. **Gypsum Board*** — (As an alternate to Item 5 when Foam Plastic insulation (Items 4C or 4D) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC.

5L. **Gypsum Board*** — (As an alternate to Item 5 when Foam Plastic insulation (Items 4E) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Additional layer of Gypsum Board is required to what is shown in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. For 2 layer assemblies inner layer attached to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC, outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC. For 3 layer assemblies inner layers installed as described in the 2 layer system above, third layer attached to studs over inner layers with 2-5/8 in. long steel screws spaced 8 in. OC.

6. **Fasteners** — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Single layer system with Type ULLX:** 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels** — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Items 5B, 5E, 5H, or 5J.

7A. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members*** — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC, perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC, and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
PLITEQ INC — Type GENIECLIP

7D. **Steel Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Da) to studs. Clips spaced 48 in. OC, and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7E. **Steel Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 7Eb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

7F. **Steel Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — Resilient channels and Steel Framing Members as described below.

a. **Resilient Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach resilient channels (Item 7Fa) to studs. Clips spaced 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.
KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

7G. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Ga) to studs (Item 2). Clips spaced max. 48 in. OC. Clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

7H. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 6. Not for use with Items 5B, 5E, 5H, or 5J.

b. **Steel Framing Members*** —Used to attach furring channels (Item 7Ha) to studs. Clips spaced 48 in. OC, staggered on adjacent furring channels and secured to studs with one No. 8 x 2-1/2 in. screw and washer through the center hole. Furring channels are friction fitted into clips.

ISOTECH INDUSTRIES INC. — Type ISOTUD

8. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco** — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants*** — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips** — (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal

specification QQ-L-201F, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.

11A. **Lead Batten Strips** — (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201F, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C".

12A. **Lead Discs** — (Not Shown, for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201F, Grades "B, C or D".

13. **Lead Batten Strips** — (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs** — (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201F, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

15. **Barrier Mesh** — (Optional, Not Shown) - Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.
CLARKDIETRICH BUILDING SYSTEMS — Barrier Mesh, Barrier Mesh Clips

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2025-05-09

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REVISIONS:

9/10/25
CITY OF
MABLETON
COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION
DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 300064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT



DRAWING NO:

A-1.2C

DATE: 9/10/25

SHEET 14 OF 33
Page 16 of 49

REVISIONS:

9/10/25
1 CITY OF MABLETON COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

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DRAWN BY:

G. TODD SPENCER
ARCHITECT

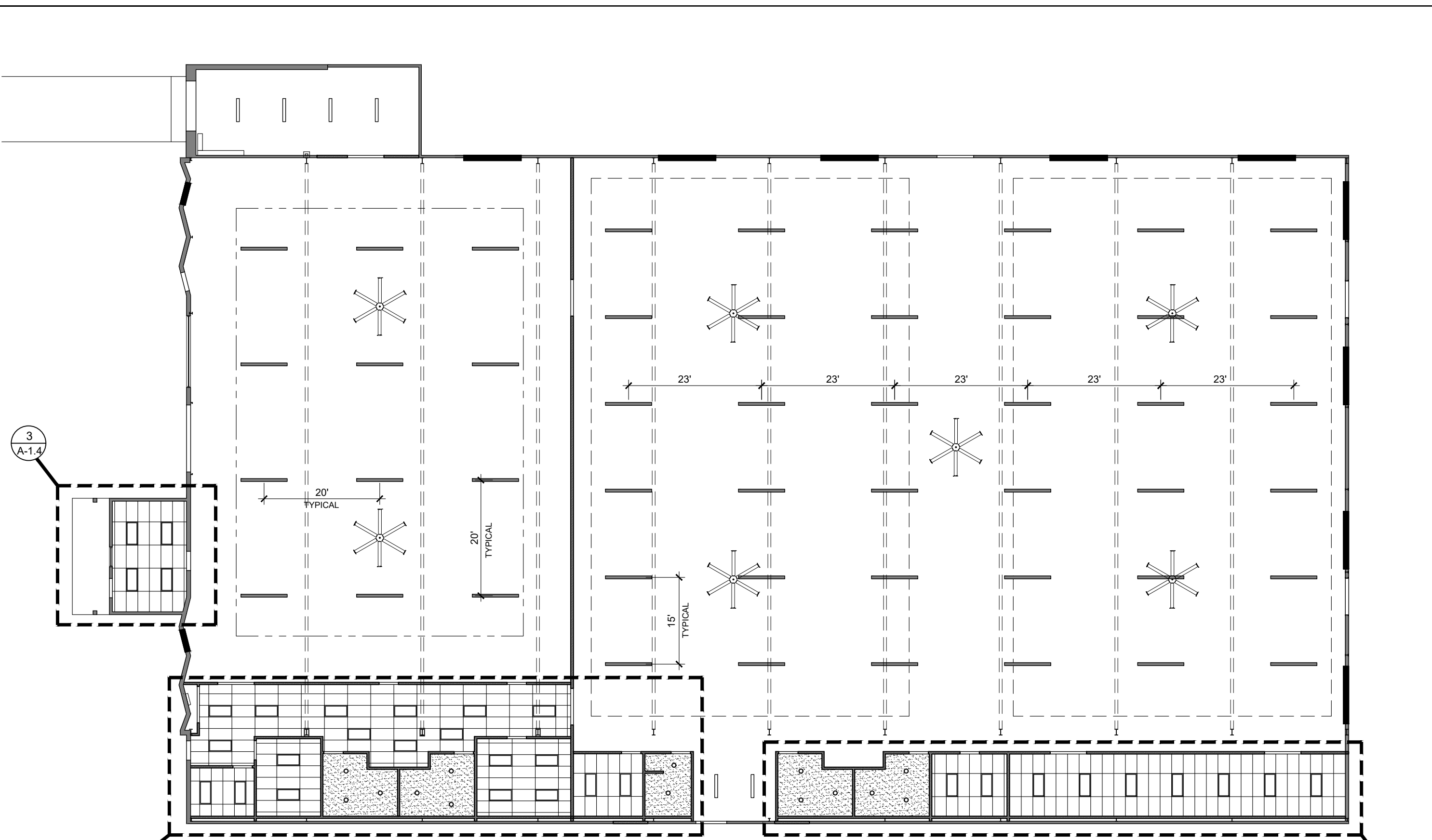


DRAWING NO:

A-1.3

DATE: 9/10/25

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LEGEND

- 2' x 4' LED LIGHT FIXTURE
- 2X4 SUSPENDED ACOUSTICAL TILE CEILING GRID

- 4 FT LED STRIP LIGHT FIXTURE SUSPENDED FROM STRUCTURE ABOVE
- RECESSED LED CAN LIGHT
- GYPSUM BOARD CEILING

- 8 FT SUSPENDED LED SHOP LIGHT FIXTURE
- 10 FT DIAMETER INDUSTRIAL CEILING FAN

NOTES:

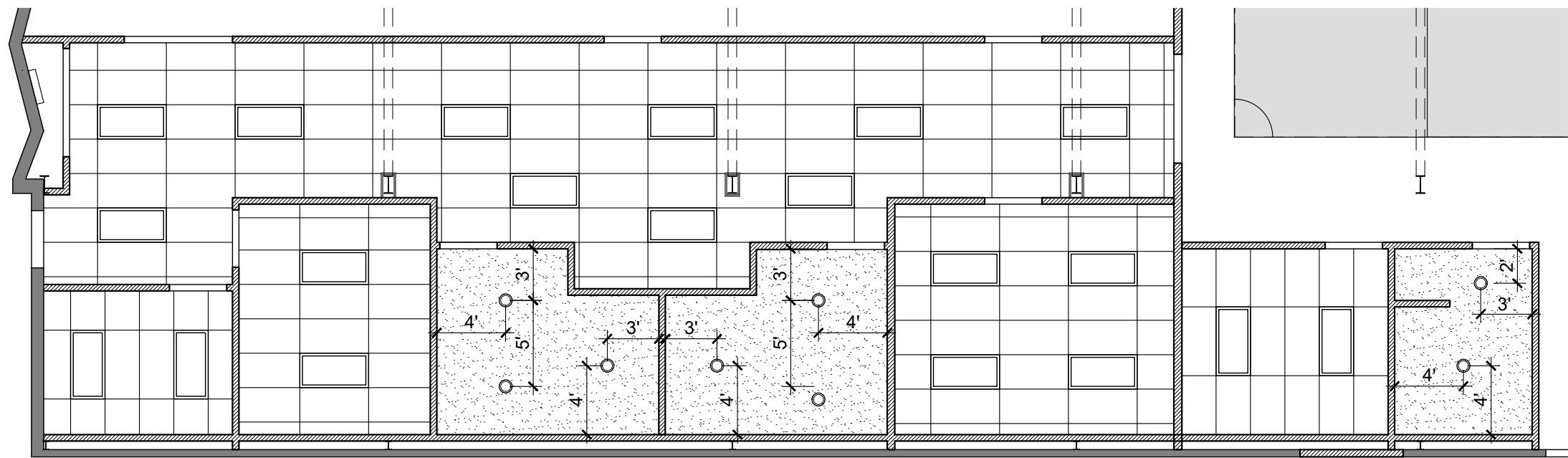
- ALL NEW CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE
- ALL NEW WALLS TO EXTEND UP PAST THE CEILING GRID UNLESS NOTED OTHERWISE
- LAY NEW R-30 BATT INSULATION ABOVE ALL CEILING TILES AND ABOVE GYPSUM CEILING OVER ENTIRE CEILING AREA

1 REFLECTED CEILING PLAN - OVERALL
SCALE: 1/16" = 1'-0"

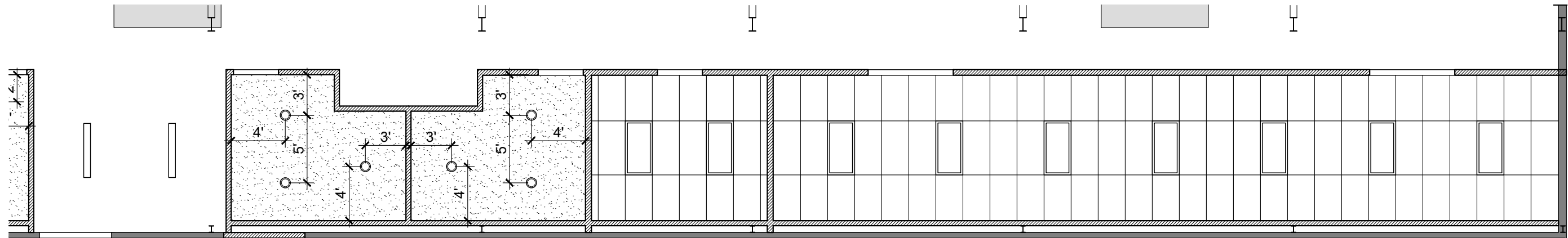
1
A-1.4

2
A-1.4

3
A-1.4



1 REFLECTED CEILING PLAN - ENLARGED
SCALE: 1/8" = 1'-0"



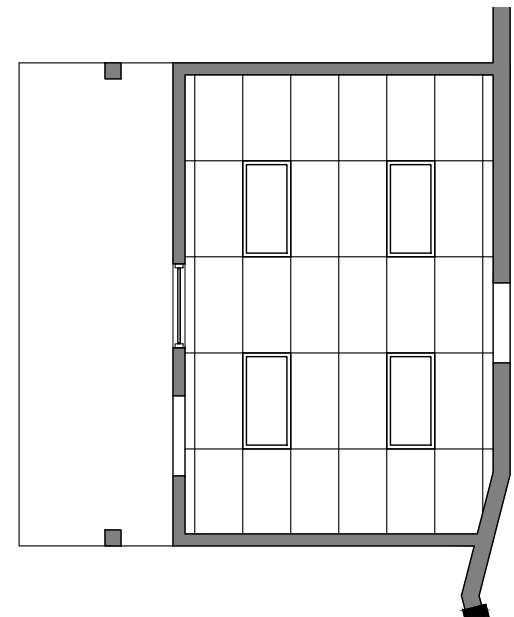
2 REFLECTED CEILING PLAN - ENLARGED
SCALE: 1/8" = 1'-0"

LEGEND

- | | | |
|--|---|---------------------------------------|
| 2' x 4' LED LIGHT FIXTURE | 4 FT LED STRIP LIGHT FIXTURE SUSPENDED FROM STRUCTURE ABOVE | 8 FT SUSPENDED LED SHOP LIGHT FIXTURE |
| 2X4 SUSPENDED ACOUSTICAL TILE CEILING GRID | RECESSED LED CAN LIGHT | 10 FT DIAMETER INDUSTRIAL CEILING FAN |
| GYPSUM BOARD CEILING | | |

NOTES:

1. ALL NEW CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE
2. ALL NEW WALLS TO EXTEND UP PAST THE CEILING GRID UNLESS NOTED OTHERWISE
3. LAY NEW R-30 BATT INSULATION ABOVE ALL CEILING TILES AND ABOVE GYPSUM CEILING OVER ENTIRE CEILING AREA



3 REFLECTED CEILING PLAN - ENLARGED
SCALE: 1/8" = 1'-0"

REVISIONS:

9/10/25
1 CITY OF MABLETON COMMENTS

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE, MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DRAWINGS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT



DRAWING NO:

A-1.4

DATE: 9/10/25

SHEET 16 OF 33
Page 16 of 49

REVISIONS:

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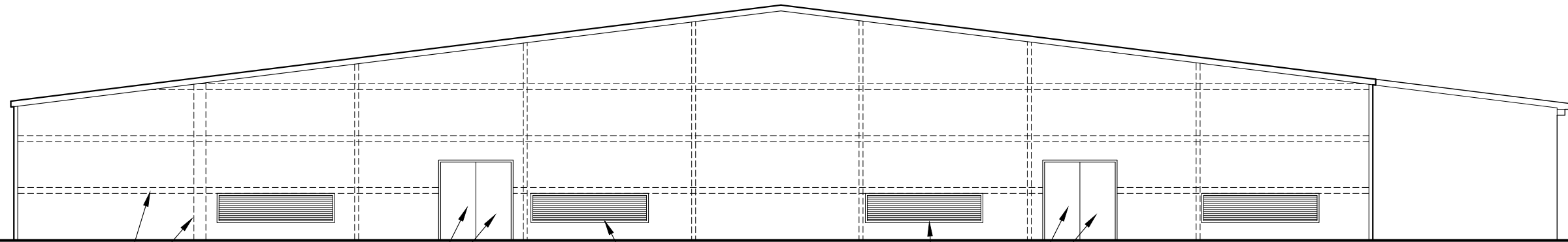
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DATE: 9/10/25

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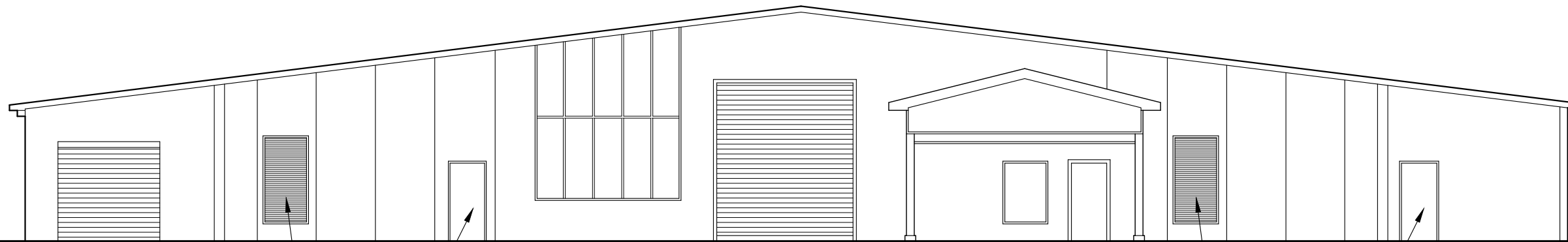
DASHED LINES INDICATE
STEEL BUILDING STRUCTURAL
ELEMENTS WITHIN EXTERIOR
WALLS

INSTALL NEW EXIT
DOORS IN EXISTING
DOOR LOCATION

NEW WALL LOUVER -
SEE MECHANICAL DRAWINGS

INSTALL NEW EXIT
DOORS IN EXISTING
DOOR LOCATION

2 PROPOSED REAR BUILDING ELEVATION
SCALE: 3/32" = 1'-0"



NEW WALL LOUVER -
SEE MECHANICAL
DRAWINGS

INSTALL NEW EXIT
DOOR IN EXISTING
DOOR LOCATION

NEW WALL LOUVER -
SEE MECHANICAL
DRAWINGS

INSTALL NEW EXIT
DOOR IN EXISTING
DOOR LOCATION

1 PROPOSED FRONT BUILDING ELEVATION
SCALE: 3/32" = 1'-0"

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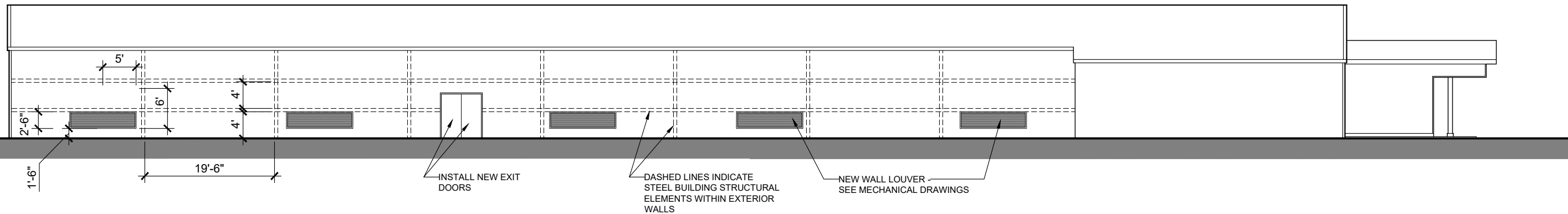
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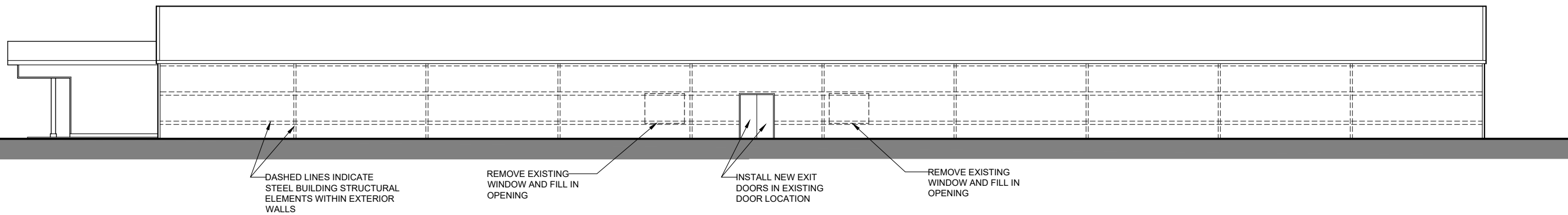
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2 PROPOSED LEFT SIDE BUILDING ELEVATION
SCALE: 1/16" = 1'-0"



1 PROPOSED RIGHT SIDE BUILDING ELEVATION
SCALE: 1/16" = 1'-0"

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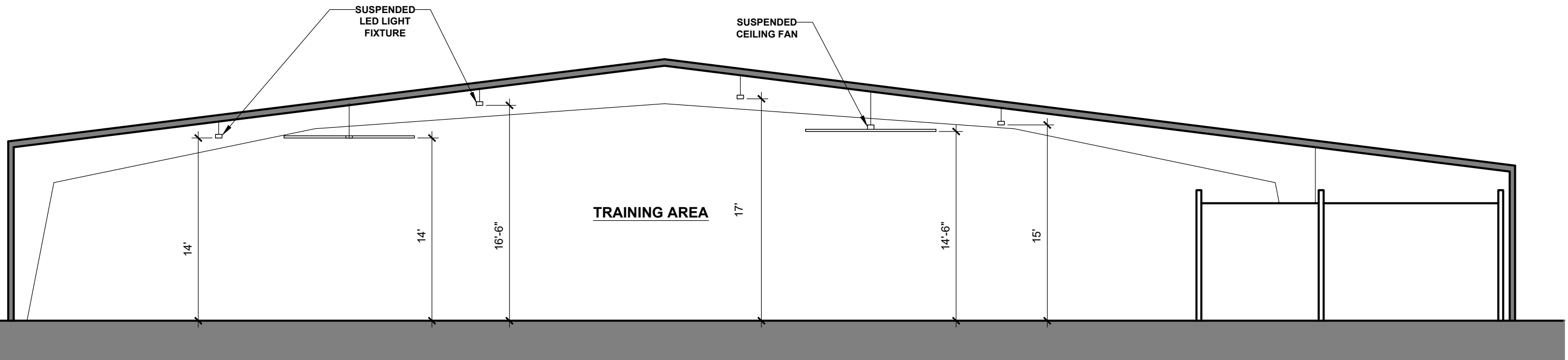
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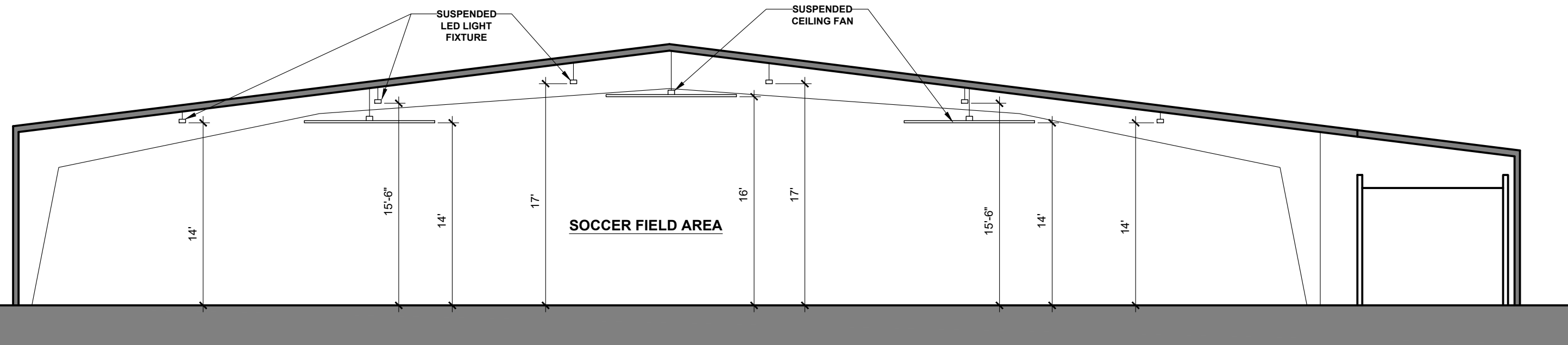
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2 BUILDING SECTION AT TRAINING AREA
SCALE: 1/8" = 1'-0"



1 BUILDING SECTION AT SOCCER FIELDS
SCALE: 1/8" = 1'-0"

DIVISION 16
ELECTRICAL

16010 GENERAL PROVISIONS
16012 CODES AND STANDARDS
16020 ELECTRICAL SYSTEMS SCHEDULE
16030 TESTS
16100 BASIC METHODS AND MATERIALS
16110 RACEWAYS
16120 CONDUCTORS
16130 OUTLET BOXES AND DEVICES
16134 PANELBOARDS AND MAIN DISTRIBUTION
16150 MOTOR AND MOTOR CONTROLS
16190 SUPPORTING DEVICES
16450 GROUNDING
16480 FEEDER CIRCUITS
16485 BRANCH CIRCUITS
16500 LIGHTING – INTERIOR
16600 SPECIAL SYSTEMS – COMPUTER (P.O.S. SYSTEM)
16700 SOUND SYSTEMS
16740 TELEPHONE
16900 CONTROLS AND INSTRUMENTATION

DIVISION 16 ELECTRICAL

16010 GENERAL PROVISIONS

.01 EXCEPT WHERE PORTIONS OF THESE SPECIFICATIONS ARE MORE EXACTING, WORK OF THIS DIVISION SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE GENERAL SCOPE OF WORK. BEFORE SUBMITTING PROPOSAL, EXAMINE ALL DRAWINGS RELATING TO THIS WORK, VERIFY ALL GOVERNING CONDITIONS AT THE SITE, DETERMINE EXACT EXTENT OF WORK REQUIRED FOR THE LOCAL UTILITY COMPANIES; BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK REQUIRED AND ITS RELATION TO WORK OF OTHER TRADES. NO CONSIDERATION WILL BE GRANTED FOR ANY ALLEGED MISUNDERSTANDINGS OF THE MATERIALS TO BE FURNISHED OR WORK TO BE DONE, IT BEING UNDERSTOOD THAT THE SUBMISSION OF A PROPOSAL IS AN AGREEMENT TO ALL CONDITIONS REFERRED TO HEREIN OR INDICATED ON THE DRAWINGS.

.02 REVIEW THE DRAWINGS AND SPECIFICATIONS OF ALL TRADES, PARTICULARLY THOSE SECTIONS DESCRIBING ELECTRICALLY OPERATED EQUIPMENT AND BECOME FAMILIAR WITH WORK CALLED UPON THEREIN TO DO, AT THE CONCLUSION OF THE WORK, BE RESPONSIBLE FOR THE PROPER WIRING AND FUNCTIONING OF ALL ELECTRICALLY OPERATED EQUIPMENT FURNISHED AND/OR INSTALLED UNDER THIS CONTRACT.

.03 NO EXTRA COMPENSATION WILL BE PAID FOR CONDITIONS EXISTING BEFORE THE CONTRACT IS SIGNED. THIS INCLUDES BOTH EXISTING SITE CONDITIONS AND ARCHITECTURAL CONDITIONS OF THE NEW BUILDING.

.04 THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR HIS WORK UNDER THE CONTRACT, AND SHALL PAY ALL EXPENSES IN CONNECTION THEREWITH. HE SHALL BE RESPONSIBLE FOR ALL NOTICE TO THE INSTALLATION AUTHORITIES AND TO THE ARCHITECT/ENGINEER SO THAT THE WORK MAY BE INSPECTED BEFORE COVERING. THE CONTRACTOR SHALL FURNISH WORK WITH CERTIFICATES OF INSPECTION.

.05 NO DEVIATION FROM DRAWING AND/OR SPECIFICATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM ARCHITECT/ENGINEER.

.06 ALL PERMIT FEES, TEMPORARY SERVICE, INSPECTION FEES AND OTHER REQUIREMENTS SHALL BE PAID AND COMPLETED BY THE ELECTRICAL CONTRACTOR. EVIDENCE OF COMPLETION WILL BE APPARENT PRIOR TO FINAL ACCEPTANCE OF WORK. ALL CERTIFICATES SHALL BE FORWARDED TO OWNER.

.07 THE WORK OF THIS CONTRACTOR SHALL CONSIST OF FURNISHING EVERYTHING NECESSARY FOR A COMPLETE OPERATING ELECTRICAL SYSTEM, IN STRICT ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. IT INCLUDES ALL SUCH WORK WHETHER LISTED UNDER ANY OTHER DOCUMENT FORMING A PART OF THE SPECIFICATION AND CONTRACT. HIS WORK, IN THE MAIN, SHALL INCLUDE, BUT IS NOT RESTRICTED TO, THE FOLLOWING ITEMS.

- A. FURNISHING A TEMPORARY SERVICE FOR THE USE OF ALL TRADES DURING CONSTRUCTION, AS REQUIRED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL PAY UTILITY USE COSTS UP TO TIME OF OCCUPANCY.
- B. FURNISHING A COMPLETE ELECTRICAL DISTRIBUTION SYSTEM FOR LIGHT AND POWER, FROM POINT OF SERVICE THROUGH DISTRIBUTION SYSTEM TO PANELS, AND TO ALL OUTLETS, EQUIPMENT AND DEVICES AS INDICATED ON THE DRAWINGS.
- C. ELECTRICAL CONNECTIONS FOR OTHER TRADES.
- D. CONNECTION OF ALL MOTORS, STARTERS, CONTROLS, PILOT DEVICES OR DISCONNECTS, WHETHER FURNISHED BY THIS CONTRACTOR, OWNER, OTHER SUBCONTRACTOR OR OTHER PARTIES SUCH AS EQUIPMENT SUPPLIERS.
- E. ALL ELECTRICAL WORK INCIDENTAL TO OTHER TRADES FOR A COMPLETE WORKING INSTALLATION OF THEIR ELECTRICALLY DRIVEN EQUIPMENT.
- F. FURNISHING AND INSTALLING ALL CONDUCTORS AND RACEWAYS FOR ELECTRICAL EQUIPMENT.
- G. FURNISHING, INSTALLING AND LAMPING OF ALL FLOODLIGHTS, FLOODLIGHT POLES AND LIGHTING FIXTURES AS SCHEDULED ON THE DRAWINGS AND IN ACCORDANCE WITH ARCHITECTURAL DETAILS. FURNISHING ALL LAMPS, FLUORESCENT, H.I.D., AND INCANDESCENT.
- H. CONNECTING OF ALL AIR CONDITIONING, HEATING, PUMPING, VENTILATION AND EXHAUST FAN CONTROLS AS SPECIFICALLY CALLED FOR ON THE DRAWINGS AND SPECIFIED HEREIN.
- I. TEMPORARY AND EMERGENCY WIRING AS REQUIRED.
- J. FURNISHING AND INSTALLING ALL AUXILIARY AND COMMUNICATION SYSTEMS AS INDICATED ON THE DRAWINGS.
- K. FURNISHING AND INSTALLING ALL PANELS, METERS, ETC., AS SHOWN ON THE DRAWINGS.
- L. FURNISH AND INSTALL TRANSFORMERS FOR ALL EQUIPMENT WHETHER FURNISHED BY THIS CONTRACTOR, THE OWNER, OR OTHER PARTIES, WHERE SUCH EQUIPMENT HAS A VOLTAGE RATING UNSUITABLE TO THE SYSTEM IN WHICH IT IS APPLIED.
- M. SHOP DRAWINGS: SUBMIT, AT ONE TIME, SHOP AND DETAIL DRAWINGS, FACTORY CERTIFIED PRINTS AND MATERIALS LISTS FOR

THE FOLLOWING ITEMS: PANELBOARDS, SAFETY SWITCHES WIRING DEVICES, LIGHTING FIXTURES. ALL SUBMITTALS MUST BE IDENTIFIED BY SPECIFICATION SECTION AND PARAGRAPH NUMBER AND/OR DRAWING NUMBER AND SCHEDULED NUMBER AND NAME ALONG WITH THE MANUFACTURE'S NAME.

N. MANUALS AND CHARTS: FURNISH OWNER ALL OPERATING INSTRUCTIONS, MAINTENANCE INSTRUCTIONS, LITERATURE AND INFORMATION PERTAINING TO ALL EQUIPMENT.

16012 CODES AND STANDARDS

.01 THE WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. NOTHING CONTAINED IN THESE SPECIFICATIONS OR DRAWINGS SHALL BE SO CONSTRUED AS TO CONFLICT WITH ANY LOCAL, MUNICIPAL, STATE, UTILITY COMPANY AND NATIONAL BOARD OF FIRE UNDERWRITERS REGULATIONS GOVERNING THE INSTALLATION OF THE WORK SPECIFIED HEREIN. ALL SUCH LAWS, ORDINANCES, AND REGULATIONS, WHERE THEY APPLY TO THIS WORK, ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS. ALL SUCH REQUIREMENTS SHALL BE SATISFIED AT NO ADDITIONAL EXPENSE TO THE OWNER.

16020 ELECTRICAL SYSTEMS SCHEDULE

.01 REFER TO THE DRAWINGS FOR AIR CONDITIONING WIRING DIAGRAM, PANEL BOARD SCHEDULE, RISER DIAGRAM, EQUIPMENT SCHEDULE, ELECTRICAL SYSTEMS REQUIREMENTS, ETC.

16030 TESTS

.01 PROVIDE ALL NECESSARY INSTRUMENTS AND SPECIAL APPARATUS TO CONDUCT ANY TEST THAT MAY BE REQUIRED TO INSURE THE SYSTEM IS FREE OF ALL IMPROPER GROUNDS AND SHORT CIRCUITS AND THAT ALL FEEDERS ARE PROPERLY BALANCED. THE SYSTEM INSTALLED SHALL BE CHECKED FOR QUALITY, CAPACITY, AND COMPLETENESS TO CONFORM WITH THE FULL REQUIREMENTS AND INTENT OF THE DRAWINGS AND SPECIFICATIONS.

16100 BASIC METHODS AND MATERIALS

.01 ELECTRICAL MATERIALS, APPLIANCES, EQUIPMENT DEVICES FOR WHICH THERE ARE UNDERWRITER'S LABORATORIES STANDARD REQUIREMENTS SHALL HAVE LABELS ATTACHED TO INDICATE COMPLIANCE WITH THOSE REQUIREMENTS. WHERE MATERIALS DO NOT BEAR SUCH A LABEL, CERTIFICATE OF COMPLIANCE SHALL BE FURNISHED.

.02 ALL MATERIALS SHALL BE NEW AND OF FIRST QUALITY, FREE OF DEFECTS.

.03 SUBMIT MANUFACTURER'S DATA AND CATALOG CUTS ON ALL ITEMS INCLUDED IN THIS SECTION PRIOR TO COMMENCING WORK.

16110 RACEWAYS

.01 ALL CONDUCTORS SHALL BE CONTAINED IN RACEWAYS.

.02 ALL CONDUIT RACEWAYS IN OR BELOW FLOOR SLAB AND RUN BELOW EXTERIOR FINISHED GRADE SHALL BE P.V.C. EXCEPT FOR ELLS AND RISERS WHICH SHALL BE RIGID GALVANIZED CONDUIT. CONDUIT RISERS SHALL RUN UP 6" ABOVE GROUND FLOOR SLAB WHEN CONCEALED AND 48" ABOVE GROUND FLOOR SLAB WHEN EXPOSED ON WALL. ALL RIGID GALVANIZED CONDUIT RUN BELOW SLAB OR FINISHED EXTERIOR GRADE SHALL BE PAINTED WITH TWO (2) COATS OF BITUMASTIC PAINT. THIS PAINTING SHALL BE APPLIED TO CONDUIT UP TO A POINT 2" ABOVE FLOOR SLAB. CONDUITS RUN BELOW FLOOR SLAB SHALL HAVE A MINIMUM COVER OF 12" AND THOSE RUN BELOW EXTERIOR FINISHED GRADE SHALL HAVE A MINIMUM COVER OF 24" IN NON-VEHICLE TRAFFIC AREAS AND 30" IN VEHICLE TRAFFIC AREAS. INSTALLATION OF P.V.C. CONDUIT IN TRENCHES SHALL HAVE 2" OF CLEAN SAND FILL ALL AROUND THEN BACKFILL TRENCH WITH FINE BACKFILL (NO ROCKS LARGER THAN 1/4" DIAMETER). CONTRACTOR SHALL FILL EXTERIOR TRENCHES TO WITHIN 6" OF TOP (FINISHED GRADE) THEN LAY A YELLOW RIBBON TAPE (USED IN INDUSTRY FOR THIS PURPOSE) ALONG TRENCH, THEN FINISH BACKFILL.

.03 RIGID CONDUIT SHALL BE HOT-DIPPED GALVANIZED, INCLUDING THREADS. P.V.C. SHALL BE SCHEDULE 40.

.04 FLEXIBLE METALLIC CONDUIT (GREENFIELD) SHALL BE USED FOR ALL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT, BUT IN LENGTHS NOT TO EXCEED LAST 18" OF RUN. P.V.C. JACKETED FLEXIBLE METAL CONDUIT SHALL BE USED IN ALL EXPOSED LOCATIONS.

.05 ELECTRICAL METALLIC TUBING (EMT) MAY BE USED FOR ALL PURPOSES EXCEPT AS INDICATED ABOVE. ALL FITTINGS SHALL BE STEEL.

.06 ALL RACEWAYS SHALL BE RUN CONCEALED IN FINISHED AREAS UNLESS NOTED.

.07 WHERE EXPOSED RACEWAYS ARE ALLOWED OR INDICATED, THEY SHALL PRESENT A NEAT APPEARANCE, AND ALL RUNS BOTH EXPOSED AND CONCEALED SHALL BE PARALLELED OR PERPENDICULAR TO THE BUILDING LINES AND TO EACH OTHER WITHOUT INTERFERENCE WITH OTHER TRADES OR EQUIPMENT, SUPPORTS TO BE ONE (1) HOLE CAST STRAPS, KINDORF OR EQUAL SURFACE OR TRAPEZE HANGERS, SPLIT HANGERS WITH APPROPRIATE ROD HANGERS AND FITTINGS. NO PERFORATED STRAP IRON.

.08 ALL RACEWAYS SHALL LAY FLAT TO RUNNING SURFACES AND SHALL BE OFFSET WHERE ENTERING BOXES, ETC.

.09 DURING CONSTRUCTION, ALL OPEN ENDS OF CONDUIT SHALL BE KEPT PLUGGED OR CAPPED. USE T&B 1470 SERIES PLUGS.

16120 CONDUCTORS

.01 ALL CONDUCTORS SHALL BE MINIMUM 98 % CONDUCTIVITY COPPER.

.02 ALL WIRE AND CABLE SHALL HAVE INSULATION TYPE AS LISTED BELOW.

.03 ALL BRANCH CIRCUIT AND FEEDER WIRING SHALL BE COLOR CODED THROUGHOUT. (SEE GENERAL NOTES ON DRAWINGS)

.04 NO WIRE SMALLER THAN #12 SHALL BE USED EXCEPT FOR CONTROL WIRING.

.05 BRANCH CIRCUIT RUNS LONGER THAN 100 FEET FROM PANEL TO FIRST OUTLET SHALL BE RUN WITH #10 WIRE.

.06 ALL INSULATION SHALL BE RATED FOR 600V UNLESS OTHERWISE NOTED.

.07 PARTICULAR CARE SHALL BE EXERCISED IN THE JOINING OF THE BRANCH CIRCUIT COMMON NEUTRALS.

.08 CONDUCTOR TYPES:

- A. COMBINATION TYPE "THHN/THWN" FOR GENERAL USE.
- B. TYPE "THW" FOR THE USE IN ALL SIZES #6 AND ABOVE.
- C. BRANCH CIRCUIT WIRE MAY BE RUN IN FIXTURE CHANNELS (FLOOR.).
- D. ALUMINUM CONDUCTORS NOT ALLOWED ON THIS PROJECT.

.09 CONDUCTOR INSTALLATION SIZES:

- A. SIZES SHOWN ON DRAWINGS ARE MINIMUM AND SHALL NOT BE DECREASED UNDER ANY CIRCUMSTANCES.
- B. CHANGES IN EQUIPMENT FURNISHED BY OTHERS MAY REQUIRE CHANGES IN CONDUCTOR SIZES; IN SUCH CASE, THE CONTRACTOR SHALL NOTIFY THE OWNER.
- C. BRANCH CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CONDUCTOR SIZES SHALL BE AS NOTED IN THE EQUIPMENT SCHEDULES AND/OR PANEL LISTINGS.
- D. CONDUCTORS USED FOR WIRING OF MOTOR CONTROLS MAY BE #14 AWG UNLESS NOTED ON PLANS.

.10 CONDUCTORS INSTALLATION JOINTS:

- A. JOINTS: BRANCH CIRCUIT SPLICES SHALL UTILIZE (SCOTCH LOKS) WIRE NUTS.
- B. NO JOINTS OR TAPS WILL BE ALLOWED IN FEEDER RUNS, EXCEPT IN JUNCTION OR PULL BOXES.
- C. ALL FEEDER SPLICES AND TERMINATION SHALL BE MADE MECHANICALLY USING COMPRESSION TYPE SLEEVES OR LUGS AND CONNECTION TO PANELS AND SWITCHES. BURNDY OR T&B (HYPRESS) EQUIPMENT IS APPROVED – HYLINK – HYLUG.
- D. INSULATION RESISTANCE OF JOINTS SHALL BE EQUAL TO OR GREATER THAN THAT OF THE CONDUCTORS JOINED – COVERING SHALL BE SCOTCH #33 TAPE OVER HALF-LAPPED COVERING OF RUBBER TAPE.

.11 CONDUCTORS INSTALLATION METHODS:

- A. NO CONDUCTORS SHALL BE INSTALLED UNTIL ALL ROUGH WORK BY OTHER TRADES IS IN PLACE AND ROOF DECKS ARE IN PLACE.
- B. AT EACH OUTLET, A LOOP OF WIRE NOT LESS THAN 8 INCHES IN LENGTH SHALL BE LEFT FOR CONNECTION TO FIXTURES AND/OR OTHER DEVICES.
- C. ALL CONDUCTORS SHALL BE CONTAINED IN RACEWAYS.
- D. ALL RACEWAYS SHALL BE THOROUGHLY SWABBED OUT TO REMOVE MOISTURE BEFORE WIRE OR CABLES ARE DRAWN INTO PLACE.

.12 UNDERSLAB SERVICE: ELECTRICAL CONDUIT PASSING BELOW THE "DINING ROOM" TO THE EXTERIOR SHALL BE SPACED OR PLACED LOW ENOUGH IN THE CONCRETE FLOOR SLAB TO AVOID DAMAGE BY CORE DRILLING FOR SEATING INSTALLATION. SEE INTERIOR DESIGN DRAWINGS.

.13 ALL P.V.C. CONDUITS SHALL CONTAIN ALL GREEN EQUIPMENT GROUND WIRE AS PER N.E.C.

16130 OUTLET BOXES AND DEVICES

.01 ALL WIRING DEVICES SHALL BE FURNISHED IN ACCORDANCE WITH DRAWINGS. SWITCH PLATES ARE TO BE PLASTIC WITH FINISH TO MATCH FLOOR EXCEPT STAINLESS STEEL SHALL BE USED IN RESTROOMS (WOMEN'S AND MEN'S), KITCHEN, & SIMILAR AREAS.

.02 OUTLET BOXES SHALL BE GALVANIZED STAMPED STEEL, FOUR (4) INCHES SQUARE, 1-1/2 INCHES DEEP, STEEL CITY #52151 FOR GENERAL USE. LARGER BOXES SHALL BE USED WHERE REQUIRED TO PREVENT UNDUE CROWDING OF WIRES. CONDUIT TYPE GANGABLE BOXES STEEL CITY "G" SHALL BE USED FOR MULTIPLE SWITCH ASSEMBLIES. SIZE AND DEPTH SHALL BE AS REQUIRED BY NATIONAL ELECTRIC CODE AND AS REQUIRED BY THE SPECIFIC DEVICES. BOX COVERS AND PLASTER RINGS ARE TO BE USED WHERE REQUIRED TO INSURE ASSEMBLY FINISHING FLUSH WITH SURFACE AREA.

- A. WHERE EXPOSED WIRING IS DONE, CROUSE-HINDS FS BOXES WITH DS SERIES COVERS SHALL BE USED WHERE EXPOSED TO WEATHER, OTHERWISE FOUR (4) INCH BOXES AND FINISH COVERS.
- B. SIZES SHOWN ABOVE ARE MINIMUM ONLY AND SHALL BE INCREASED WHERE NECESSARY DUE TO THE SIZE OF THE DEVICES TO BE CONTAINED.
- C. SYMBOLS ON DRAWINGS INDICATE APPROXIMATE LOCATIONS ONLY UNLESS EXACT LOCATIONS ARE SPECIFIED ON THE PLANS. VERIFY LOCATIONS WITH ARCHITECTURAL DETAILS.
- D. PROPERLY CENTER OUTLETS IN PANELING OR OTHER ARCHITECTURAL FEATURES AS INDICATED ON THE ARCHITECTURAL PLANS.
- E. CLEAR TRIM AND CORNERS BY A MINIMUM OF FOUR (4) INCHES WHERE POSSIBLE.
- F. MOUNT ALL BOXES SO THAT COVERS AND PLATES WILL MOUNT FLUSH WITH THE WALLS AND CEILING FINISHED PANELS.
- G. FURNISH AND INSTALL PLASTER RINGS WHERE REQUIRED. FURNISH SURFACE COVERS, FOR EXPOSED WORK.
- H. ALL FIXTURE OUTLETS SHALL BE EQUIPPED WITH "NO-BOLT" TYPE OF FIXTURE STUDS OF SUFFICIENT SIZE TO SUPPORT THE FIXTURE AND/OR DEVICE LOADS.
- I. FIXTURE HANGING SYSTEMS TO BE ALL METALLIC.
- J. CLOSE ALL OUTLETS DURING THE COURSE OF ROUGH CONSTRUCTION, CONCRETING AND PLASTERING WITH KRAFT PAPER, EXCELSIOR OR SLIP-ON BLANK METAL PLATES. THE USE OF NEWSPAPER IS NOT PERMISSIBLE FOR THIS PURPOSE.
- K. HEIGHTS OF OUTLETS: UNLESS SPECIFICALLY NOTED OTHERWISE, ALL WALL OUTLETS SHALL BE MOUNTED AT THE FOLLOWING HEIGHTS, MEASURED FROM THE FINISHED FLOOR TO THE CENTER OF THE OUTLET BOX: SWITCHES-48 INCHES; RECEPTACLES-18 INCHES; TELEPHONE OUTLETS-12 INCHES. THE DIMENSIONS GIVEN ABOVE ARE TO BE USED TO COVER THE USUAL INSTALLATION DETAILS OF THE OUTLETS INVOLVED. HOWEVER, THE CONTRACTOR IS TO REFER TO ARCHITECTURAL AND EQUIPMENT DETAILS FOR THE EXACT LOCATION OF ALL OUTLETS BEFORE INSTALLATION OF SAME. MEASUREMENTS ON THE DRAWINGS, OWNER'S INSTRUCTIONS AND DETAIL MEASUREMENTS TAKE PRECEDENCE.
- L. ALL WIRING DEVICES TO BE SPECIFICATION GRADE.
- N. PROVIDE GASKETS ON W.P. COVERS AND BLANK PLATES.

16134 PANELBOARDS AND MAIN DISTRIBUTION

.01 PANEL CABINETS:

- A. CABINETS SHALL BE CONSTRUCTED OF ZINC COATED SHEET STEEL IN ACCORDANCE WITH UL AND NEMA STANDARDS FOR CABINETS, BOXES AND ASSEMBLY.
- B. A DIRECTORY HOLDER WITH GLASS COVER AND METAL FRAME SHALL BE FURNISHED ON THE INSIDE OF EACH DOOR. PANEL DIRECTORIES SHALL BE TYPED. HOLDER AND FRAME SHALL BE OF SUITABLE SIZE TO PROPERLY LIST CIRCUIT DESIGNATIONS. PROVIDE FLUSH, STAINLESS STEEL LOCK IN DOOR – DEAD FRONT PANEL COVERING BUS & CIRCUIT BREAKER ASSEMBLY TO BE ONE (1) PIECE.
- C. PANELS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS.

16500 LIGHTING – INTERIOR

.01 FURNISH AND INSTALL ALL LIGHTING FIXTURES CALLED FOR BY THE LIGHTING FIXTURE SCHEDULE ON THE SITE, EXTERIOR ELECTRICAL AND INTERIOR ELECTRICAL DESIGN DRAWINGS.

- .02 EACH FIXTURE SHALL BE EQUIPPED WITH ANY REQUIRED MOUNTING FRAMES, HARDWARE AND ACCESSORY INSTALLATION ITEMS, FIXTURE MOUNTING FRAMES SHALL BE COMPATIBLE WITH CEILING CONSTRUCTION.

DIRECTORIES SHALL BE TYPED. HOLDER AND FRAME SHALL BE OF SUITABLE SIZE TO PROPERLY LIST CIRCUIT DESIGNATIONS. PROVIDE FLUSH, STAINLESS STEEL LOCK IN DOOR – DEAD FRONT PANEL COVERING BUS & CIRCUIT BREAKER ASSEMBLY TO BE ONE (1) PIECE.

.02 PANEL BOARDS AND CIRCUIT BREAKERS:

- A. INDIVIDUAL CIRCUIT BREAKERS SHALL BE CALIBRATED AT THE FACTORY, SEALED TO PREVENT TAMPERING, SIZE AND FRAME AS INDICATED ON THE DRAWINGS.
- B. MULTI-POLED BREAKERS SHALL BE OF THE COMMON TRIP TYPE, SIZE AND FRAME AS INDICATED ON THE DRAWINGS.
- C. PROVIDE SHUNT TRIP ON MAIN CIRCUIT BREAKER WHERE REQUIRED BY LOCAL CODE.
- D. ACCESSORIES SHALL BE FURNISHED AS INDICATED.
- E. ALL BUSES SHALL BE AS PER MANUFACTURER'S STANDARD.
- F. NEUTRAL BAR SHALL BE MOUNTED OPPOSITE THE MAIN LUGS AND SHALL HAVE NUMBERED TERMINALS FOR CONNECTION.
- G. PROVIDE GROUND BUS AS CALLED FOR ON DRAWINGS.

.03 SAFETY SWITCHES:

- A. SAFETY SWITCHES SHALL BE TYPE HD, FUSIBLE OR NON-FUSIBLE AS INDICATED ON THE DRAWINGS, IN THE SIZES SHOWN. ENCLOSURES SHALL CONFORM TO LOCATION. (NEMA 1 INTERIOR, NEMA 3R EXTERIOR).
- B. ALL SWITCHES SHALL BE FURNISHED WITH THE NECESSARY NUMBER OF POLES.
- C. SWITCHES SHALL BE INSTALLED WHERE REQUIRED WHETHER SPECIFICALLY CALLED FOR OR INFERRED BY LOCATION.
- D. WEATHERPROOF SAFETY SWITCHES MAY BE NEMA 3R EXTERIOR.
- E. ACCEPTABLE MANUFACTURERS ARE: SQUARE "D", G.E., WESTINGHOUSE, AND CUTLER-HAMMER.

.04 MARKING AND IDENTIFICATION:

- A. ALL SWITCHES, PANELBOARDS, CONTROLLERS, CONTROL PANELS, TIME SWITCHES, CONTACTORS, TELEPHONE AND COMMUNICATION CABINETS SHALL BE CLEARLY AND PERMANENTLY LABELED IN A NEAT, ORDERLY AND SYSTEMATIC MANNER.
- B. IDENTIFICATION SHALL CLEARLY DESIGNATE DEVICES AND EQUIPMENT AS TO USAGE.
- C. PANELBOARDS AND CABINETS SHALL BE MARKED IN THE SAME DESIGNATION AS ON THE DRAWINGS USING WHITE LETTERS ON BLACK PLATES, SCREWED TO DOORS OR COVERS.
- D. CONDUCTORS IN MULTIPLE CONDUCTOR RACEWAYS, GUTTERS, JUNCTION OR PULL BOXES, CABINETS AND SIMILAR LOCATIONS SHALL BE CLEARLY AND PERMANENTLY IDENTIFIED AS TO ELECTRICAL CHARACTERISTICS, SYSTEM DESIGNATION, SOURCE AND DESTINATION.
- E. CONDUCTORS SHALL BE MARKED WITH PREPRINTED ADHESIVE MARKERS AS MANUFACTURED BY W.H. BRADY CO. OR THOMAS & BETTS.
- F. WHERE PREPRINTED MARKERS ARE NOT AVAILABLE WITH THE PROPER DESIGNATION, 1-1/4 INCH DIAMETER PUNCHED BRASS DISCS SHALL BE USED.

16485 BRANCH CIRCUITS

.01 PROVIDE ALL WIRING AND CONNECTIONS TO OUTLETS AND FIXTURES AS INDICATED ON DRAWINGS AND IN SCHEDULES.

16150 MOTORS AND CONTROLS

.01 WIRE TO AND CONNECT ALL ELECTRICALLY OPERATED EQUIPMENT. .02 VERIFY PROPER ROTATION OF ALL ROTATING EQUIPMENT.

16190 SUPPORTING DEVICES

.01 REFER TO 16110.09 FOR EXPOSED RACEWAYS. CONCEALED RACEWAYS SHALL BE SUPPORTED USING SAME METHODS AS REQUIRED FOR EXPOSED RACEWAYS, EXCEPT THAT BRANCH CIRCUIT EMT IN CONCEALED LOCATIONS MAY BE SUPPORTED FROM BUILDING STRUCTURAL ELEMENTS WITH CADDY TYPE FITTINGS MANUFACTURED BY ERICO PRODUCTS CO., INC.

.02 OUTLET BOXES SHALL BE SUPPORTED TO BUILDING STRUCTURE USING THREADED LEAD ANCHORS AND MACHINE BOLTS, TOGGLE BOLTS, WOOD OR SHEET METAL SCREWS, IF PLACED DIRECTLY ON WOOD OR METAL SURFACE. TWO (2) ANCHORS ARE REQUIRED FOR EACH BOX. WHEN BOXES ARE LOCATED BETWEEN STRUCTURAL SUPPORTS, USE CADDY BOX SUPPORTS.

.03 ALL SUPPORTS, ANCHORS, BOLTS AND HARDWARE SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURE'S PUBLISHED INFORMATION FOR THE SIZE AND WEIGHT OF THE SUPPORTED OBJECTS.

16450 GROUNDING

.01 REFER TO ELECTRICAL DRAWINGS AND DIAGRAMS FOR GROUNDING CONNECTIONS.

.02 THE CONDUIT SYSTEM AND THE NEUTRAL CONDUCTORS SHALL BE GROUNDED. FOLLOW REQUIREMENTS OF THE NATIONAL ELECTRIC CODE – LATEST EDITION. NEUTRALS OF ALL TRANSFORMER SECONDARIES SHALL BE GROUNDED TO MINIMUM ONE (1) INCH COLD WATER PIPE.

.03 THE GROUND CONNECTION OF THE CONDUIT SYSTEM AND THE NEUTRAL CONDUCTORS SHALL BE MADE AT THE MAIN SERVICE PANELBOARD GROUND BUS.

.04 WHERE THREE (3) PHASE THREE (3) WIRE FEEDERS ARE EXTENDED TO UTILIZATION EQUIPMENT AND APPARATUS, A BONDING CONDUCTOR OF ADEQUATE SIZE, GREEN COLOR, SHALL BE USED TO GROUND THE EQUIPMENT FRAME. THE CONDUCTOR SHALL BE INSTALLED FROM GROUND BUS TO EQUIPMENT FRAME IN THE CIRCUIT RACEWAY.

.05 SEE GENERAL NOTES ON DRAWINGS.

16480 FEEDER CIRCUITS

.01 PROVIDE FEEDERS AS INDICATED ON THE DRAWINGS AND IN SCHEDULES.

16500 LIGHTING – INTERIOR

.01 FURNISH AND INSTALL ALL LIGHTING FIXTURES CALLED FOR BY THE LIGHTING FIXTURE SCHEDULE ON THE SITE, EXTERIOR ELECTRICAL AND INTERIOR ELECTRICAL DESIGN DRAWINGS.

.02 EACH FIXTURE SHALL BE EQUIPPED WITH ANY REQUIRED MOUNTING FRAMES, HARDWARE AND ACCESSORY INSTALLATION ITEMS, FIXTURE MOUNTING FRAMES SHALL BE COMPATIBLE WITH CEILING CONSTRUCTION.

.03 EACH FIXTURE SHALL BE LAMPED WITH NEW LAMPS OF TYPE AND WATTAGE INDICATED ON THE SCHEDULE.

16510 INTERIOR LIGHTING FIXTURES

.01 INSTALL AS INDICATED ON LIGHTING AND REFLECTED CEILING PLANS, DIMENSIONAL REFERENCE POINTS AND TO ARCHITECTURAL DETAILS AND ELEVATIONS.

.02 ALL INTERIOR FIXTURES (WHERE APPLICABLE) SHALL HAVE % VIRGIN ACRYLIC PRISMATIC DIFFUSERS. POLYSTYRENE 100 OR VINYL WILL NOT BE ACCEPTABLE.

.03 SEE LIGHTING FIXTURE SCHEDULE AND NOTES ON ELECTRICAL DRAWINGS.

16600 SPECIAL SYSTEMS – COMPUTER (P.O.S. SYSTEM)

.01 PROVIDE POWER WIRING AND OUTLETS FOR COMPUTER SYSTEM AS INDICATED ON THE DRAWINGS. COMPUTER CABLE INSTALLATION SHALL BE AS DIRECTED BY OWNER.

16700 SOUND SYSTEMS

.01 RACEWAYS, BACKBOARDS, OUTLET BOXES SHALL BE AS CALLED FOR ON DRAWINGS.

.02 PROVIDE NYLON PULLCORD IN ALL EMPTY RACEWAYS AND IDENTIFY PULLCORD ENDS.

.03 INTERIOR INSTRUMENTS AND WIRING BY OWNER CHOSEN COMMUNICATIONS CONTRACTOR.

.04 TELEPHONE SERVICE WIRING BY LOCAL TELEPHONE UTILITY.

.05 WHEN SHOWN ON DRAWINGS, THE CONTRACTOR SHALL PROVIDE AND INSTALL A 12" X 12" X 4" RECESSED TELEPHONE CABINET.

.06 PROVIDE BASIC MATERIALS CALLED FOR IN SECTION 16100.

16900 CONTROLS AND INSTRUMENTATION

.01 CONTROL WIRING DIAGRAMS ARE INDICATED ON DRAWINGS AND FURNISHED WITH EQUIPMENT. CONTRACTOR SHALL COORDINATE ALL WIRING WITH THESE DRAWINGS AND MANUFACTURER. .02 ANY DISCREPANCY BETWEEN SYSTEM ELECTRICAL CHARACTERISTICS AND EQUIPMENT REQUIREMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP. FOR DECISION.

GENERAL NOTES:

1. PROVIDE AND PAY FOR ALL PERMITS AND INSPECTION FEES AS REQUIRED.
2. FURNISH ALL LABOR AND MATERIAL TO COMPLETE THE WORK AS SHOWN ON THE DRAWINGS. RECEPTACLES AND SWITCHES SHALL BE LEVITON OR AN APPROVED EQUAL. ALL WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES.
3. ALL ELECTRICAL WORK SHALL BE PERFORMED PER NEC 2020 WITH GA AMENDMENTS.

TELEPHONE AND CABLE TELEVISION:

1. TENANT SHALL CONTRACT SEPARATELY WITH A TELEPHONE COMPANY. NUMBER AND LOCATION OF NEW TELEPHONE JACKS TO BE DETERMINED BY OWNER.
2. THE GENERAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF THE TELEPHONE CONTRACTOR.

LIGHTING CONTROL AND TESTING:

1. LIGHTING SYSTEM FUNCTIONAL TESTING SHALL COMPLY WITH C303.2, C408.1, C408.3 AND C408.3.2 DOCUMENTATION REQUIREMENTS OF IECC 2015. PROVIDE EVIDENCE THAT THE LIGHTING CONTROL IS PER C408.3.1.1. OCCUPANCY SENSOR CONTROLS PER C408.3.1.2 AND DAYLIGHT RESPONSIVE CONTROLS PER C408.3.1.3. CONTRACTOR SHALL PROVIDE EVIDENCE THAT THE LIGHTING SYSTEM HAS BEEN CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION TO THE ENGINEERS REPRESENTATIVE.

ALTERNATE CONDUCTOR USE:

USE OF MC CABLE IN LIEU OF THHN CONDUCTOR WITH EMT CONDUIT SHALL BE ACCEPTABLE. FOR ALL CONCEALED BRANCH CIRCUITS, INCLUDING IN DRYWALL AREA.

REVISIONS:

NO.	DESCRIPTION

- 1) ALL WORK MUST COMPLY WITH ALL STATE AND LOCAL BUILDING CODES.
- 2) BUILDER AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND REQUIREMENTS BEFORE PROCEEDING.
- 3) ALL DIMENSIONS ARE TO BE READ AND CALCULATED, AND ARE NOT TO BE SCALED.
- 4) ALL DRAWINGS MUST BE VERIFIED AND ANY INCONSISTENCIES MUST BE REPORTED TO TODD SPENCER. FOR RESOLUTION, BEFORE PROCEEDING WITH CONSTRUCTION.
- 5) DRAWINGS DESIGNATE LOCATION ONLY, AND ENGINEERING ASPECTS MUST INCORPORATE ACTUAL SITE CONDITIONS.

PROJECT NAME:

TREJO SOCCER ACADEMY

560 LIONS CLUB DRIVE
MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DOCUMENTS

GTS CONSULTING LLC

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DRAWN BY:

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ARCHITECT

DRAWING NO:

E0.1

DATE: 08/28/25

SHEET 1 OF 5



08/28/25

ELECTRICAL GENERAL



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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	CONDUIT CONCEALED ABOVE CEILING OR IN WALL WHENEVER POSSIBLE.	S ₃	THREE WAY SWITCH
—	CONDUIT CONCEALED IN OR BELOW FLOOR.	⊕ _C	20A/125V/1PH/3W, NEMA 5-20R, DUPLEX RECEPTACLE C - FLUSH WITH CEILING, MTG..
A-2	HOME RUN TO PANELBOARD SHOWING CIRCUIT DESIGNATION. INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL... BREAKER LOCATIONS MAY BE REARRANGED TO PERMIT USE OF COMMON NEUTRAL CONDUCTOR.	⊕ _{IG}	20A/125V/1PH/3W, NEMA 5-20R, ISOLATED GROUNDING TYPE DUPLEX RECEPTACLE
⊙	ELECTRIC MOTOR CONNECTION.	⊕	30A/125V/1PH/3W, NEMA 5-30R, RECEPTACLE
+ 44"	MOUNTING HEIGHT DESIGNATION IN INCHES ABOVE FINISHED FLOOR TO CENTERLINE... WHEN INDICATED ON DRAWINGS SUPERSEDES STANDARD MOUNTING HEIGHT IN LEGEND.	⊕ _R	ROOF MOUNTED OUTLET IN W/P HOUSING - GFI
A.F.F.	ABOVE FINISHED FLOOR	⊕ _{GFI}	20A/125V/1PH/3W, NEMA 5-20R, DUPLEX GFCI RECEPTACLE @ 18" AFF. UNLESS OTHERWISE NOTED.
A.B.S.	ABOVE BACKSPLASH	⊕	QUAD OUTLET (DOUBLE DUPLEX, 2-GANG ASSEMBLY)
□	NON-FUSED DISCONNECT SWITCH	⊕	208V/1PH, SEE INDIVIDUAL EQUIPMENT SPEC. SHEETS FOR PLUG TYPE.
□	FUSED DISCONNECT SWITCH	⊕	240V/3PH, RATING AS NOTED. SEE INDIVIDUAL EQUIPMENT SPEC. SHEETS FOR PLUG TYPE.
⊙	JUNCTION BOX.	▼	TELEPHONE OUTLET.
—	ELECTRIC PANELBOARD.	△	DATA OUTLET.
S	SINGLE POLE SWITCH	S _w	MOTOR RATED SWITCH
—	EQUIPMENT BACKBOARD	#	NUMBER BESIDE DEVICE INDICATES CIRCUIT NUMBER
F	EXISTING/RELOCATED FIRE ALARM HORN/STROBE	F	EXISTING/RELOCATED FIRE ALARM PULL STATION
F	EXISTING/RELOCATED FIRE ALARM STROBE	FS	FLOW SWITCH
⊕	DUCT SMOKE DETECTOR	TS	TAMPER SWITCH
S	EXISTING/RELOCATED SMOKE DETECTOR	°S	OCCUPANCY SENSOR SWITCH

LIGHTING LEGEND

MARK	SYMBOL	DESCRIPTION
A	□	2' x 4' LED LIGHT FIXTURE; LITHONIA CPX 2X4 4000LM 80CRI 50K SWL MIN10 MVOLT; 36.7W OR EQUAL
L	—	4 FT LED STRIP LIGHT FIXTURE SUSPENDED FROM STRUCTURE ABOVE; LITHONIA CLX L48 3000LM SEF FDL MVOLT GZ10 50K 80CRI WH; 31.8W OR EQUAL
C	○	RECESSED LED CAN LIGHT; LITHONIA LDN6 50/15 L06 WR LSS TRW MVOLT GZ10; 17.5W OR EQUAL
S	—	8 FT SUSPENDED LED SHOP LIGHT FIXTURE; ONLYLUX 100W, 15000LM, 6000K, 120V, WHITE OR EQUAL
E1	⬆	EMERGENCY LIGHT; 2.2W MAX
E2	⊗	EXIT SIGN; 3.6W MAX
E3	⬆	COMBO EMERGENCY LIGHT/EXIT SIGN; 4.2W MAX
	⊙	CEILING MOUNTED OCCUPANCY SENSOR
	⊗	10 FT DIAMETER INDUSTRIAL CEILING FAN

REVISIONS:

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- 2) BUILDER AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND REQUIREMENTS BEFORE PROCEEDING.
- 3) ALL DIMENSIONS ARE TO BE READ AND CALCULATED, AND ARE NOT TO BE SCALED.
- 4) ALL DRAWINGS MUST BE VERIFIED AND ANY INCONSISTENCIES MUST BE REPORTED TO TODD SPENCER, FOR RESOLUTION, BEFORE PRECEEDING WITH CONSTRUCTION.
- 5) DRAWINGS DESIGNATE LOCATION ONLY, AND ENGINEERING ASPECTS MUST INCORPORATE ACTUAL SITE CONDITIONS.

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE
MABLETON, GA 30126

DESIGN PHASE:

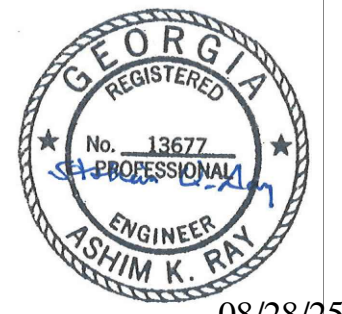
CONSTRUCTION DOCUMENTS

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DRAWING NO:

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DATE: 08/28/25

SHEET 2 OF 5

ELECTRICAL LEGENDS



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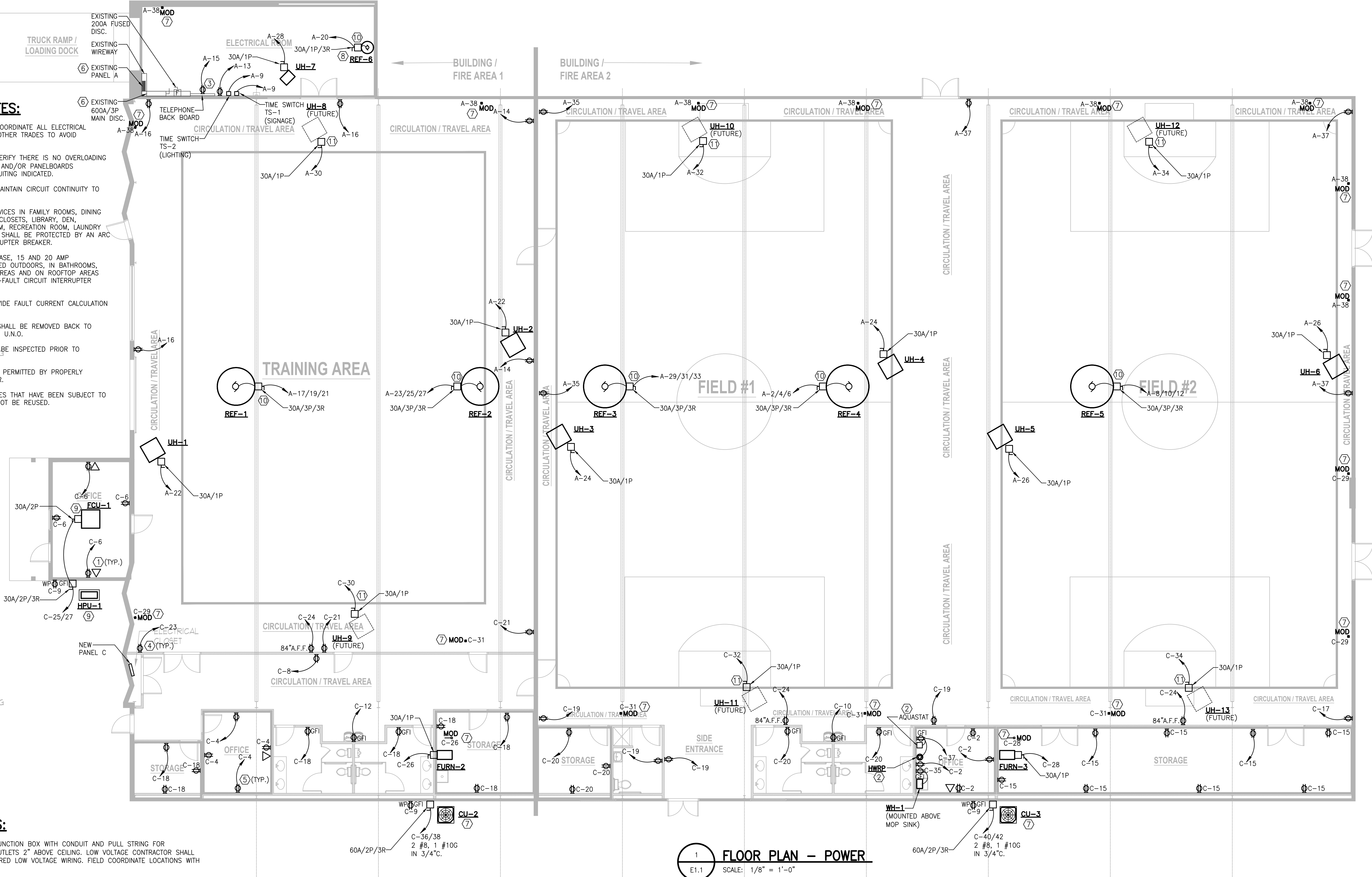
GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONSTRUCTION WITH OTHER TRADES TO AVOID CONFLICTS.
2. CONTRACTOR SHALL VERIFY THERE IS NO OVERLOADING OF BRANCH CIRCUITS AND/OR PANELBOARDS REGARDLESS OF CIRCUITING INDICATED.
3. CONTRACTOR SHALL MAINTAIN CIRCUIT CONTINUITY TO ALL DEVICES.
4. ALL OUTLETS AND DEVICES IN FAMILY ROOMS, DINING ROOM, LIVING ROOM, CLOSETS, LIBRARY, DEN, BEDROOMS, SUN ROOM, RECREATION ROOM, LAUNDRY ROOM AND HALLWAYS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER BREAKER.
5. ALL 120V, SINGLE PHASE, 15 AND 20 AMP RECEPTACLES INSTALLED OUTDOORS, IN BATHROOMS, KITCHENS, LAUNDRY AREAS AND ON ROOFTOP AREAS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION.
6. CONTRACTOR TO PROVIDE FAULT CURRENT CALCULATION AT FINAL INSPECTION.
7. UNUSED ELECTRICAL SHALL BE REMOVED BACK TO SOURCE AND CAPPED, U.N.O.
8. ALL CONDUITS SHALL BE INSPECTED PRIOR TO COVERING.
9. ELECTRICAL SHALL BE PERMITTED BY PROPERLY LICENSED CONTRACTOR.
10. EQUIPMENT AND CABLES THAT HAVE BEEN SUBJECT TO ANY DAMAGE SHALL NOT BE REUSED.

KEYED NOTES:

- ① PROVIDE A 2"x4" JUNCTION BOX WITH CONDUIT AND PULL STRING FOR DATA/TELEPHONE OUTLETS 2" ABOVE CEILING. LOW VOLTAGE CONTRACTOR SHALL PROVIDE THE REQUIRED LOW VOLTAGE WIRING. FIELD COORDINATE LOCATIONS WITH OWNER.
- ② INTERLOCK HWRP WITH AQUASTAT. RUN 2 #12, 1 #12G IN 3/4" C. BETWEEN HWRP AND AQUASTAT. FIELD VERIFY EXACT LOCATION OF AQUASTAT AND RECEPTACLE.
- ③ REUSE EXISTING TELEPHONE BACKBOARD AND RECEPTACLE IF SUITABLE OR PROVIDE. FIELD VERIFY LOCATION. EXTEND CONDUIT FOR TELEPHONE SERVICE TO TENANT TELEPHONE BACKBOARD AS REQUIRED.
- ④ PROVIDE NEW RECEPTACLES AS SHOWN. FIELD COORDINATE LOCATIONS WITH OWNER.
- ⑤ REUSE EXISTING RECEPTACLES IF SUITABLE AND RELOCATE AS REQUIRED. FIELD COORDINATE LOCATIONS WITH OWNER.
- ⑥ REUSE EXISTING ELECTRICAL PANEL A, FUSED DISCONNECTS AND METER. FIELD VERIFY OR PROVIDE. FIELD VERIFY THAT PANEL HAS AT LEAST 3 FEET OF WORKING CLEARANCE IN FRONT. PATCH UP THE WALL TO ITS ORIGINAL CONDITION ONCE ALL CONDUITS AND CABLES HAVE BEEN PLACED.
- ⑦ INTERLOCK EACH MOD WITH ITS CORRESPONDING HVAC UNIT. RUN 2 #12, 1 #12G IN 3/4" C. BETWEEN EACH MOD AND HVAC UNIT. FIELD VERIFY.

- ⑧ PROVIDE A 120/1PH SIZE 1 MOTOR STARTER FOR REF-6 WITH OVERLOAD, H.O.A SWITCH, FAN ON GREEN LIGHT. IN AUTO MODE, FAN SHALL START BY LINE-VOLTAGE THERMOSTAT.
- ⑨ FCU-1 POWER IS FED FROM HPU-1 POWER SUPPLY. RUN 2#12, 1#12G IN 3/4" C. BETWEEN HPU-1 AND FCU-1. FIELD VERIFY.
- ⑩ MOTORS ADDED SHALL MEET EFFICIENCY REQUIREMENT AS PER 2015 IECC C405.8.
- ⑪ CIRCUITS SHOWN FOR UH-8 THRU UH-13 ARE TO BE INSTALLED IN FUTURE.



1 FLOOR PLAN - POWER
E1.1 SCALE: 1/8" = 1'-0"

REVISIONS:

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MABLETON, GA 30126

DESIGN PHASE:
CONSTRUCTION DOCUMENTS

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DRAWING NO:
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DATE: 08/28/25
SHEET 3 OF 5

FLOOR PLAN - POWER

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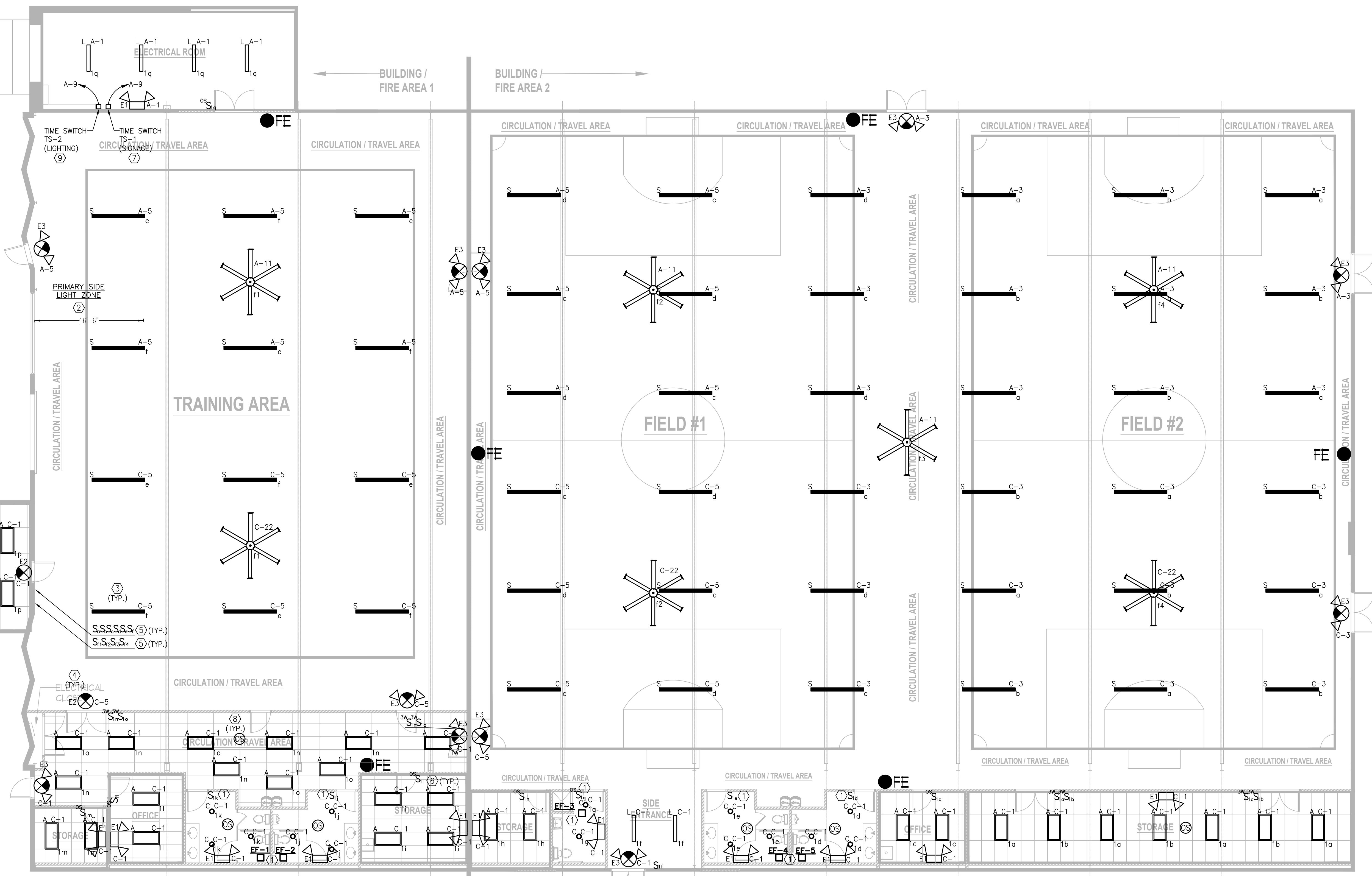
SHEET 4 OF 5

GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL CONSTRUCTION WITH OTHER TRADES TO AVOID CONFLICTS.
2. CONTRACTOR SHALL VERIFY THERE IS NO OVERLOADING OF BRANCH CIRCUITS AND/OR PANELBOARDS REGARDLESS OF CIRCUITING INDICATED.
3. CONTRACTOR SHALL MAINTAIN CIRCUIT CONTINUITY TO ALL DEVICES.
4. ALL 120V, SINGLE PHASE, 15 AND 20 AMP RECEPTACLES INSTALLED OUTDOORS, IN BATHROOMS, KITCHENS, LAUNDRY AREAS AND ON ROOFTOP AREAS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION.
5. CONTRACTOR TO PROVIDE FAULT CURRENT CALCULATION AT FINAL INSPECTION.
6. UNUSED ELECTRICAL SHALL BE REMOVED BACK TO SOURCE AND CAPPED.
7. ALL CONDUITS SHALL BE INSPECTED PRIOR TO COVERING.
8. ELECTRICAL SHALL BE PERMITTED BY PROPERLY LICENSED CONTRACTOR.
9. EQUIPMENT AND CABLES THAT HAVE BEEN SUBJECT TO ANY DAMAGE SHALL NOT BE REUSED.

MAKE FINAL CONNECTION TO SIGN. VERIFY EXACT LOCATION WITH TENANT-TYPICAL FOR TWO (9)

PARKING AREA



LIGHTING NOTES:

1. ALL LIGHT FIXTURES SHALL BE APPROVED BY OWNER PRIOR TO PURCHASE.
2. SEE SHEET A-2.0 FOR MOUNTING HEIGHTS OF SUSPENDED LIGHT FIXTURES.
3. PROVIDE ADDITIONAL MOUNTING HARDWARE AS REQUIRED FOR SUSPENDED LIGHT FIXTURES.

KEYED NOTES:

- 1 EXHAUST FANS SHALL BE INTERLOCKED WITH RESTROOM LIGHTS.
- 2 DAY LIGHT ZONE RESPONSIVE CONTROL SHALL NOT BE REQUIRED SINCE LIGHTING POWER IN DAY LIGHT ZONE IS LESS THAN 150W OF GENERAL LIGHTING.
- 3 CONNECT NEW LIGHT FIXTURES TO PANEL BOARD AS SHOWN.
- 4 PROVIDE NEW EXIT/EMERGENCY LIGHTS AS SHOWN. CONNECT AHEAD OF SWITCH. CONNECT TO LIGHTING CIRCUITS AS SHOWN.
- 5 PROVIDE NEW LIGHT AND FAN SWITCHES AS SHOWN AND REUSE EXISTING IF SUITABLE. THE LIGHT AND FAN SWITCH HEIGHTS INCLUDING TOP OF COVER PLATE TO BE BELOW 4' A.F.F.

- 6 PROVIDE LIGHT SWITCHES WITH OCCUPANCY SENSORS. FIELD COORDINATE EXACT LOCATION AS PER MANUFACTURER'S RECOMMENDATION. CONNECT TO THE CIRCUIT SERVING THE LIGHTING IN THE AREA. LIGHT SWITCHES SHALL BE COORDINATED TO BE LOCATED AT LOW VOLTAGE SIDE TO OPERATE IN VACANCY SENSING MODE. OCCUPANCY SENSORS SHALL TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE. LIGHT SWITCHES SHALL OVERRIDE THE OCCUPANCY SENSORS.
- 7 PROVIDE JUNCTION BOX FOR EXTERIOR SIGNAGE IF NOT EXISTING. SIGNAGE SHALL BE CONTROLLED BY TIME SWITCH TS-1.

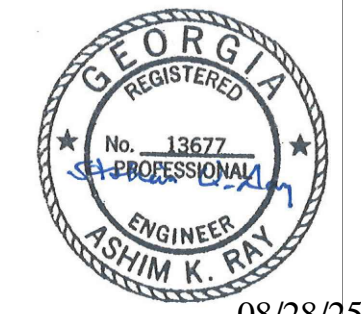
1 FLOOR PLAN - LIGHTING
 E2.1 SCALE: 1/8" = 1'-0"

- 8 PROVIDE CEILING MOUNTED OCCUPANCY SENSORS AS SHOWN. OCCUPANCY SENSORS SHALL TURN OFF LIGHTS WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE. FIELD COORDINATE EXACT LOCATION AND POWER PACK AS PER MANUFACTURER'S RECOMMENDATION. CONNECT TO THE CIRCUIT SERVING THE LIGHTING IN THE AREA. LIGHT SWITCH SHALL BE COORDINATED TO BE LOCATED AT LOW VOLTAGE SIDE TO OPERATE IN VACANCY SENSING MODE. LIGHT SWITCH SHALL OVERRIDE THE OCCUPANCY SENSOR AND SHALL HAVE MOMENTARY TYPE CONTACT TO OPERATE WITH OCCUPANCY SENSOR.

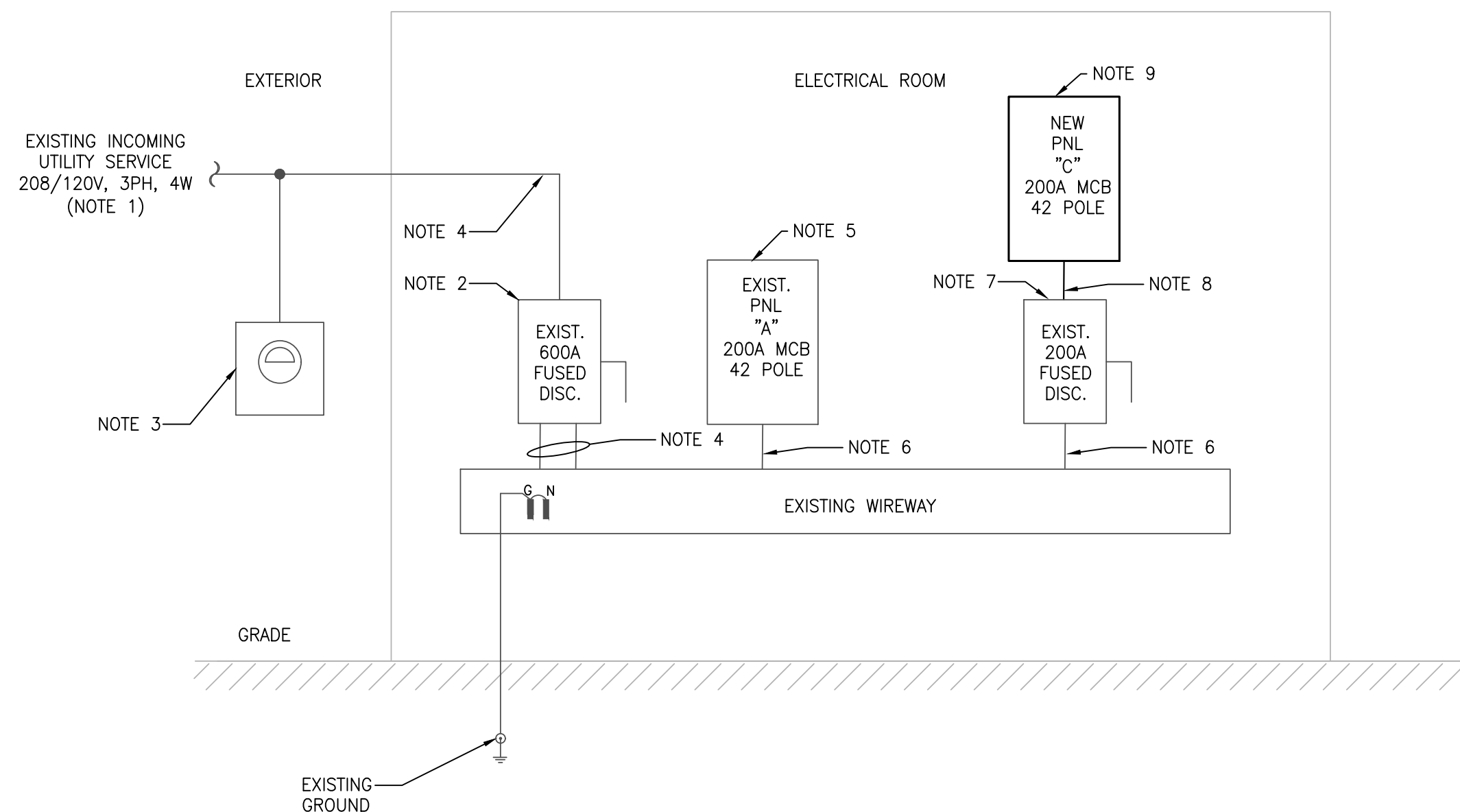
- 9 PROVIDE TIME SWITCH TS-2 TO CONTROL ALL INTERIOR LIGHTING NOT PROVIDED WITH OCCUPANCY SENSOR CONTROL. TS-2 SHALL HAVE MINIMUM 7 DAY CLOCKS, CAPABLE OF BEING SET FOR SEVEN DIFFERENT DAY TYPES PER WEEK. TS-2 SHALL INCORPORATE AUTOMATIC HOLIDAY SHUT OFF FEATURE AND HAVE PROGRAM BACK-UP WHICH PREVENT LOSS OF PROGRAM AND TIME SETTING FOR AT LEAST 10 HOURS IF POWER IS INTERRUPTED. PROVIDE MANUAL OVERRIDE SWITCHES THAT SHALL TURN ON POWER FOR NOT MORE THAN 2 HOURS.

FLOOR PLAN - LIGHTING

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08/28/25



1 RISER DIAGRAM
E3.1 SCALE: NOT TO SCALE

NOTES:

- CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING MAIN ELECTRICAL SERVICE AND SERVICE ENTRANCE RATING OR ELSE PROVIDE SERVICE ENTRANCE RATING. FIELD VERIFY EXACT LOCATION OF MAIN GROUND.
- EXISTING 600A, 3P, 3R DISCONNECT WITH 600A FUSES SHALL BE REUSED IF SUITABLE OR PROVIDE.
- EXISTING METER AND METER CAN. FIELD VERIFY METER IS SUITABLE FOR REUSE OR ELSE PROVIDE. COORDINATE WITH UTILITY COMPANY.
- EXISTING CABLES AND CONDUIT SUITABLE FOR 600A, 3PH SERVICE SHALL BE REUSED. FIELD VERIFY OR PROVIDE.
- REUSE EXISTING 200A MCB, 120/208V, 3PH, 4W, 42 POLE PANEL BOARD IF SUITABLE OR PROVIDE.
- EXISTING CABLES AND CONDUIT SUITABLE FOR 200A, 3PH SERVICE SHALL BE REUSED. FIELD VERIFY OR PROVIDE.
- EXISTING 200A, 2P, 3R FUSED DISCONNECT WITH 200A FUSES SHALL BE REUSED IF SUITABLE OR PROVIDE.
- PROVIDE 3#3/0, 1#6G IN 2" C. REUSE IF EXISTING AND EXTEND AS REQUIRED.
- PROVIDE 200A MCB, 120/208V, 1PH, 3W, 42 POLE PANEL BOARD.

GENERAL NOTES:

- BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:
A. LIGHTING AND POWER NETWORKS: (120/208V, 3Ø, 4W)
 - 100 FEET OR LESS:
PHASE - 3#12 AWG
NEUTRAL - 1#12 AWG
GROUND - 1#12 AWG
 - GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.
 - TWO NETWORKS MAXIMUM PER CONDUIT.
- PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND/OR DATA OUTLET WITH 3/4" C. STUBBED UP TO 6" ABOVE WALL PARTITION, OR LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- EMERGENCY LIGHTING CIRCUITING SHALL BE THE SAME CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.

SERVICE		120/208V, 3PH, 4W			PANEL A			MAIN			200A MCB			
MTG	SURFACE	A.I.C.			EXISTING*			REMARK						
Q	BRANCH CIRCUIT	LOAD DESCRIPTION	LOAD(VA)			Ø	PHASE	A	B	C	LOAD(VA)	LOAD DESCRIPTION	Q	BRANCH CIRCUIT
			A	B	C									
1	LTG - ELECTRICAL ROOM		129		20								2	
3	LTG - FIELD #2			1208	20					1273			4	
5	LTG - FIELD #1				1213	20					1273		6	
7	SPARE				20					1273		REF-5	8	
9	TIME SWITCH TS-1 AND TS-2			20	20					1273			10	
11	CEILING FANS				248	20					1273		12	
13	RECEPT - SERVICE		180		20					360		RECEPT - TRAINING CONVENIENCE	14	
15	RECEPT - TELEPHONE BACKBOARD		180		20					540		RECEPT - TRAINING CONVENIENCE	16	
17	REF-1				901	20						REF-6	18	
19			901		20					528		REF-6	20	
21				901	20					1392		UH-1, 2	22	
23	REF-2				901	20				1392		UH-3, 4	24	
25			901		20					1392		UH-5, 6	26	
27				901	20					75		UH-7	28	
29	REF-3				1273	20				696		UH-8 (FUTURE)	30	
31			1273		20					696		UH-10 (FUTURE)	32	
33				1273	20					696		UH-12 (FUTURE)	34	
35	RECEPT - FIELD CONVENIENCE				360	20						SPARE	36	
37	RECEPT - FIELD CONVENIENCE		540		20					450		MOD-LOUVERS	38	
39	SPARE				20							SPARE	40	
41	SPARE				20							SPARE	42	
CONNECTED LOAD:			A	B	C	TOTAL			VA					
			9896	9732	9530	29158			29158					

* - FIELD COORDINATE BASED ON AVAILABLE FAULT CURRENT.
** - FIELD VERIFY BREAKER SIZE AND LOCATION.
GFCI - U.L. LISTED "GFCI" TYPE CIRCUIT BREAKER.
HACR - U.L. LISTED "HACR" TYPE CIRCUIT BREAKER.

SERVICE		120/208V, 1PH, 3W			PANEL C			MAIN			200A MCB			
MTG	SURFACE	A.I.C.			42,000*			REMARK						
Q	BRANCH CIRCUIT	LOAD DESCRIPTION	LOAD(VA)			Ø	PHASE	A	B	C	LOAD(VA)	LOAD DESCRIPTION	Q	BRANCH CIRCUIT
			A	B	C									
1	LTG - SEPARATE ROOMS/EF-1 THRU 5		1647		20					720		RECEPT - OFFICE	2	
3	LTG - FIELD #2			1204	20					720		RECEPT - OFFICE	4	
5	LTG - FIELD #1/TRAINING AREA		1213		20					720		RECEPT - OFFICE	6	
7	SPARE				20					180		RECEPT - CORRIDOR	8	
9	RECEPT - HVAC		540		20					450		H-HO DRINKING FOUNTAIN	10	
11	LTG-SIGNAGE			1200	20					450		H-HO DRINKING FOUNTAIN	12	
13	SPARE				20							SPARE	14	
15	RECEPT - STORAGE		180		1440	20						SPARE	16	
17	RECEPT - FIELD CONVENIENCE		180		20					1440		RECEPT - CONVENIENCE	18	
19	RECEPT - FIELD CONVENIENCE				720	20				900		RECEPT - CONVENIENCE	20	
21	RECEPT - TRAINING CONVENIENCE		360		20					186		CEILING FANS	22	
23	RECEPT - TRAINING CONVENIENCE		180		20					300		RECEPT - TEMPERATURE SENSOR	24	
25	HPU-1/FCU-1		1664		20					1681		FURN-2/MOD	26	
27				1664	20					1681		FURN-3/MOD	28	
29	MOD-LOUVERS		150		20					696		UH-9 (FUTURE)	30	
31	MOD-INTAKE HOODS			200	20					696		UH-11 (FUTURE)	32	
33	SPARE				20					696		UH-13 (FUTURE)	34	
35	WH-1			80	20					3026		CU-2	36	
37	HWRP AND AQUASTAT		60		20					3026		CU-3	38	
39	SPARE				20					3026		CU-3	40	
41	SPARE				20					3026		CU-3	42	
CONNECTED LOAD:			A	B	C	TOTAL			VA					
			18455	17667		36122			36122					

HACR

HACR
HACR

HACR
HACR

LOAD ANALYSIS PNL A				
LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND	
LIGHTING - EXTERIOR	0	1.00	0	
LIGHTING - INTERIOR	2550	1.25	3188	
SIGNAGE	0	1.25	0	
RECEPTACLES	2160	FIRST 10KW @ 100% REMAINDER @ 50%	1.00 0.50	2160 0
KITCHEN EQUIPMENT	0	1.00	0	
WATER HEATER	0	1.00	0	
HVAC EQUIPMENT	6789	1.00	6789	
3 Ø MOTORS	3819	LARGEST MOTOR @ 125% REMAINDER @ 100%	1.25 1.00	4774 13044
1 Ø MOTORS	528	LARGEST MOTOR @ 125% REMAINDER @ 100%	1.25 1.00	660 0
MISCELLANEOUS	268	1.00	268	
TOTALS	29158	DEMAND FACTOR	30883	
CALCULATED SERVICE DEMAND AMPERES		85.730		

LOAD ANALYSIS PNL C				
LOAD DESCRIPTION	CONNECTED VA	DEMAND FACTOR	VA DEMAND	
LIGHTING - EXTERIOR	0	1.00	0	
LIGHTING - INTERIOR	3984	1.25	4980	
SIGNAGE	1200	1.25	1500	
RECEPTACLES	8400	FIRST 10KW @ 100% REMAINDER @ 50%	1.00 0.50	8400 0
KITCHEN EQUIPMENT	0	1.00	0	
WATER HEATER	80	1.00	80	
HVAC EQUIPMENT	21312	1.00	21312	
3 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	1.25 1.00	0 0
1 Ø MOTORS	0	LARGEST MOTOR @ 125% REMAINDER @ 100%	1.25 1.00	0 0
MISCELLANEOUS	1146	1.00	1146	
TOTALS	36122	DEMAND FACTOR	37418	
CALCULATED SERVICE DEMAND AMPERES		179.890		

REVISIONS:

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- BUILDER AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND REQUIREMENTS BEFORE PROCEEDING.
- ALL DIMENSIONS ARE TO BE READ AND CALCULATED, AND ARE NOT TO BE SCALED.
- ALL DRAWINGS MUST BE VERIFIED AND ANY INCONSISTENCIES MUST BE REPORTED TO TODD SPENCER, FOR RESOLUTION, BEFORE PRECEEDING WITH CONSTRUCTION.
- DRAWINGS DESIGNATE LOCATION ONLY, AND ENGINEERING ASPECTS MUST INCORPORATE ACTUAL SITE CONDITIONS.

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE
MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DOCUMENTS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:
G. TODD SPENCER
ARCHITECT



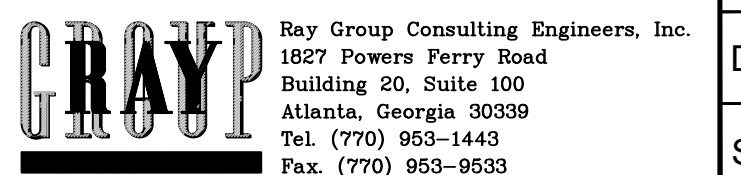
DRAWING NO:

E3.1

DATE: 08/28/25

SHEET 5 OF 5

PANEL SCHEDULES & RISER



08/28/25

HVAC GENERAL NOTES

- WORK SHALL BE INSTALLED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION AND ALL APPLICABLE LOCAL ORDINANCES.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., AND PAY ALL INCIDENTAL FEES, AS REQUIRED TO OBTAIN A PERMIT AND A PERMANENT CERTIFICATE OF OCCUPANCY.
- WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS. CONFLICTS WHICH ARISE DUE TO LACK OF PROPER COORDINATION SHALL BE CORRECTED AT THE CONTRACTOR'S COST.
- DESIGN INDICATED IS SCHEMATIC AND MAY NOT REFLECT ALL CONSTRAINTS IMPOSED BY ACTUAL PROJECT CONDITIONS. CONTRACTOR SHALL VISIT SITE AND REVIEW CONSTRUCTION DOCUMENTS (INCLUDING ALL TRADES) TO FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BID. CONTRACTOR'S BID SHALL INCLUDE ANY AND ALL COSTS REQUIRED TO REWORK THE DESIGN TO FIT WITHIN THE PHYSICAL CONSTRAINTS WHILE ACHIEVING THE OVERALL DESIGN INTENT.
- THE BASIS-OF-DESIGN PRODUCTS WERE USED TO DETERMINE DIMENSIONS, INSTALLATION AND ACCESS CLEARANCES, SUPPORTS, ELECTRICAL SERVICE, CONNECTION ARRANGEMENTS, ETC. WHERE ALTERNATE PRODUCTS ARE PROVIDED, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIREMENTS AND RECTIFY ANY CONFLICTS AT THE CONTRACTOR'S COST.
- ALL WORK SHALL BE INSTALLED TO AVOID CONFLICT WITH ELECTRICAL EQUIPMENT "DEDICATED SPACE" AS REQUIRED BY NEC AND LOCAL ORDINANCES. COORDINATE LOCATIONS OF ALL ELECTRICAL GEAR (DISTRIBUTION PANELS, TRANSFORMERS, SWITCHGEAR, ETC.) WITH ELECTRICAL CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL EQUIPMENT AND DEVICES WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING.
- ALL MATERIALS AND EQUIPMENT SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING. CONTRACTOR ASSUMES LIABILITY AND COSTS FOR ANY PRODUCT WHICH IS ORDERED PRIOR TO RECEIPT OF APPROVED SUBMITTALS.
- ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. ADDITIONAL WARRANTY SHALL APPLY WHERE SPECIFIED.
- EQUIPMENT START-UP AND COMMISSIONING SHALL BE PERFORMED BY FACTORY-AUTHORIZED AGENTS ONLY. SUBMIT WRITTEN START-UP PROCEDURES TO OWNER FOR APPROVAL PRIOR TO PERFORMANCE OF START-UP ACTIVITIES. FINAL REPORTS SHALL BE APPROVED BY OWNER.
- ALL PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED WITH UL-LISTED SYSTEM APPROVED FOR THE APPLICATION.
- FLASH AND SEAL ALL PENETRATIONS OF BUILDING EXTERIOR, WALLS AND ROOF WITH APPROVED SEALANT.
- ALL EQUIPMENT SHALL BE NEW EXCEPT FOR EQUIPMENT SPECIFICALLY NOTED AS EXISTING TO REMAIN. CONTRACTOR SHALL TEST EXISTING EQUIPMENT FOR PROPER OPERATION AND REPORT CONDITION TO OWNER. ALL UNREPORTED EQUIPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED IF NOT FUNCTIONAL AT THE DATE OF BENEFICIAL OCCUPANCY. NEW EQUIPMENT SHALL BE UL OR ETL LISTED AND LABELED. GAS-FIRED EQUIPMENT SHALL ALSO BE AGA OR CSA LISTED AND LABELED. INSTALL ALL EQUIPMENT PER THESE DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, AND CODE REQUIREMENTS FOR SPECIFIC APPLICATION.
- EXCEPT WHERE SPECIFIED OTHERWISE, MECHANICAL CONTRACTOR SHALL PROVIDE STARTERS AND ELECTRICAL DISCONNECTS FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- PROVIDE PERMANENT LABELS FOR ALL EQUIPMENT, CONTROLS, AND PIPING.
- GENERAL DUCTWORK (SUPPLY, RETURN, OUTSIDE AIR, RESTROOM EXHAUST, TYPE II KITCHEN EXHAUST) SHALL BE G90 GALVANIZED STEEL, LOCK-FORMING QUALITY, FABRICATED AND INSTALLED PER SMACNA "HVAC DUCT CONSTRUCTION STANDARDS" AND CODE. DUCTWORK SHALL BE RATED FOR 1" WC, AND SEALED TO CLASS A SEAL USING UL-181A OR 181B WATER-BASED MASTIC AND FIBERGLASS MESH TAPE. **DUCT SIZES SHOWN ARE NET FREE AREA DIMENSIONS, ADJUST SHEETMETAL SIZES FOR DUCT LINER AS REQUIRED.**
- INSULATE ALL METAL SUPPLY AND RETURN DUCTWORK WITH FIBERGLASS DUCT WRAP WITH FSK OUTER VAPOR BARRIER FACING, ALL JOINTS AND SEAMS TAPED AND SEALED WITH MASTIC TO MAINTAIN VAPOR BARRIER; 3" THICK, MIN. R-8.3 INSTALLED (R-10.3 NOMINAL).
- PROVIDE 1", 1.5 PCF ACOUSTICAL FIBERGLASS DUCT LINER AT SUPPLY AND RETURN DUCTWORK FROM EQUIPMENT CONNECTION THRU FIRST 10 FEET OF DUCTWORK. DUCT LINER SHALL HAVE NEOPRENE COATING WITH ANTIMICROBIAL TREATMENT ON AIR SIDE. INTERNALLY LINED DUCTWORK SHALL ALSO BE EXTERNALLY INSULATED AS SPECIFIED.
- FLEXIBLE DUCT SHALL BE UL 181 CLASS 1, STEEL WIRE HELIX WITH REINFORCED INNER LAYER, R-8 FIBERGLASS INSULATION, AND FOIL-FACED OUTER VAPOR BARRIER.
- EACH SUPPLY AIR DEVICE SHALL HAVE MANUAL BALANCING DAMPER AT TAKE-OFF CONNECTION TO SUPPLY TRUNK DUCT. LOCATE DAMPERS ABOVE ACCESSIBLE CEILING.
- AIR DEVICES SHALL BE AS NOTED OR SCHEDULED. COORDINATE BORDER AND MOUNTING WITH SURFACE IN WHICH INSTALLED, REFER TO ARCHITECTURAL DRAWINGS. AIR DEVICES IN FINISHED SPACES SHALL BE FREE OF VISIBLE FASTENERS. COLOR AND FINISH SHALL BE APPROVED BY THE ARCHITECT.
- GAS-FIRED FURNACE/HEATER VENT AND COMBUSTION AIR PIPING SHALL BE PER APPLIANCE MANUFACTURER'S INSTRUCTIONS.
- PROVIDE UL 555 FIRE DAMPERS (UL 555S COMBINATION FIRE/SMOKE DAMPERS) AT ALL AIR DISTRIBUTION SYSTEM PENETRATIONS OF FIRE RATED (FIRE AND SMOKE RATED) ASSEMBLIES.
- REFRIGERANT SUCTION AND LIQUID PIPING SHALL BE ACR COPPER, SIZED AND INSTALLED PER EQUIPMENT MANUFACTURER'S INSTRUCTIONS. INSULATE REFRIGERANT SUCTION PIPING WITH 1" THICK ELASTOMERIC FOAM PIPE INSULATION, ALL JOINTS AND SEAMS SEALED WITH INSULATION MANUFACTURER'S ADHESIVE CEMENT.
- CONDENSATE DRAIN PIPING SHALL BE SCH 40 PVC, SLOPED AT MINIMUM 1% SLOPE. CONDENSATE DRAIN PIPING LOCATED WITHIN WALLS OR ABOVE CEILING SHALL BE INSULATED WITH 3/4" ELASOMERIC FOAM PIPE INSULATION TO PREVENT CONDENSATION, ALL JOINTS AND SEAMS SEALED WITH INSULATION MANUFACTURER'S ADHESIVE CEMENT.
- SUPPORT EQUIPMENT DIRECTLY FROM BUILDING STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE VIBRATION ISOLATION FOR ALL EQUIPMENT WITH ROTATING PARTS.
- TEST EQUIPMENT, ECONOMIZERS, AND CONTROLS FOR PROPER OPERATION, CALIBRATION AND ADJUSTMENT. PROVIDE REPORT TO OWNER.
- PROVIDE COMPLETE AS-BUILT DRAWINGS FOR ALL HVAC SYSTEMS AND O&M MANUALS FOR ALL EQUIPMENT TO OWNER WITHIN 90 DAYS OF SYSTEM ACCEPTANCE. AS-BUILT DRAWINGS SHALL NOT BEAR THE NAME OR SEAL OF THE ARCHITECT OR ENGINEER.

FIRE DAMPER NOTE

- PROVIDE UL 555 FIRE DAMPERS (UL 555S COMBINATION FIRE/SMOKE DAMPERS) AT ALL AIR DISTRIBUTION SYSTEM PENETRATIONS OF FIRE RATED (FIRE AND SMOKE RATED) ASSEMBLIES.

COMMISSIONING NOTES

- CONTRACTOR SHALL PROVIDE THIRD PARTY COMMISSIONING FOR THE FOLLOWING MECHANICAL SYSTEMS IN ACCORDANCE WITH 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) SECTION C408 INCLUDING ANY STATE OR LOCAL AMENDMENTS:
 - HEATING AND AIR CONDITIONING SYSTEMS.
 - SPACE HEATERS.
 - FANS.
 - CONTROLS.
 - OTHER SYSTEMS/COMPONENTS AS REQUIRED BY 2015 IECC.
- COMMISSIONING AGENT SHALL PERFORM THE FOLLOWING PER 2015 IECC.
 - DEVELOP THE COMMISSIONING PLAN.
 - PERFORM TESTING, ADJUSTING, AND BALANCING.
 - PERFORM FUNCTIONAL PERFORMANCE TESTING.
 - PREPARE PRELIMINARY COMMISSIONING REPORT. WORK WITH CONTRACTOR TO RESOLVE DEFICIENCIES.
 - PREPARE FINAL COMMISSIONING REPORT.
 - PROVIDE ALL REQUIRED DOCUMENTATION INCLUDING BUT NOT LIMITED TO: RECORD DESIGN DOCUMENTS, FINAL TAB REPORT, O&M MANUALS.
- COMMISSIONING SHALL BE COMPLETED AND AGENT SHALL CERTIFY THAT THE SYSTEMS MEET THE DESIGN PERFORMANCE CRITERIA NOT MORE THAN 90 CALENDAR DAYS AFTER THE DATE OF THE CERTIFICATE OF OCCUPANCY.
- ALL COSTS FOR COMMISSIONING SERVICES SHALL BE INCLUDED IN THIS CONTRACT.

HVAC LEGEND

SYMBOL	DESCRIPTION
	EXISTING MECHANICAL CONSTRUCTION (CROSS HATCHED = TO BE REMOVED)
	CONNECTION TO EXISTING CONSTRUCTION
	AIR DEVICE TAG
	SUPPLY AIR DEVICE
	RETURN / EXHAUST AIR DEVICE
	DUCTWORK, SIZED AS SPECIFIED (LINED WHERE NOTED/SPECIFIED)
	FLEXIBLE DUCT OR CONNECTOR
	DUCTWORK, SIZED AS SPECIFIED (LINED WHERE NOTED/SPECIFIED)
	DUCT OFFSET: (R)ISE, (D)ROP - ARROW SHOWS DIRECTION OF OFFSET.
	FD = FIRE DAMPER
	FSD = FIRE/SMOKE DAMPER
	MD = MANUAL DAMPER
	MOD = MOTOR-OPERATED DAMPER
	MOTOR-OPERATED DAMPER
	(T)HERMOSTAT, (H)UMIDISTAT
ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.	

HVAC ABBREVIATIONS

ABBREV.	DEFINITION	ABBREV.	DEFINITION
A/C	ABOVE CEILING	L&S	LOUVER AND SCREEN
AD	ACCESS DOOR	LAHJ	LOCAL AUTHORITY HAVING JURISDICTION
AFF	ABOVE FINISHED FLOOR	LF	LINEAR FEET
B/F	BELOW FLOOR	MD	MANUAL DAMPER
B/G	BELOW GRADE	MECH	MECHANICAL
BB	BASE BUILDING	MFGR	MANUFACTURER
BD	BACKDRAFT DAMPER	MOD	MOTOR-OPERATED DAMPER
BLDG	BUILDING	MTD	MOUNTED
CD	CONDENSATE DRAIN	N/A	NOT APPLICABLE
CF(H/M)	CUBIC FEET PER (HOUR / MINUTE)	NC	NOISE CRITERIA
CLG	CEILING	NIC	NOT IN CONTRACT
CONC	CONCRETE	NOM	NOMINAL
CONN	CONNECT(ION)	OA	OUTSIDE AIR
CONT	CONTINUATION	OC	ON CENTERS
DIA	DIAMETER	OPNG	OPENING
DIV 15/16	DIVISION 15000 (MECH) / 16000 (ELEC)	PLBG	PLUMBING
DN	DOWN	RA	RETURN AIR
EA	EACH or EXHAUST AIR	SA	SUPPLY AIR
ELEC	ELECTRICAL	SF	SQUARE FEET
EXH	EXHAUST	SQ	SQUARE
EXIST	EXISTING	TBD	TO BE DETERMINED
FA	FREE AREA	THRU	THROUGH
FACP	FIRE ALARM CONTROL PANEL	T'STAT	THERMOSTAT
FD	FIRE DAMPER	TYP	TYPICAL
FLEX	FLEXIBLE	UNO	UNLESS NOTED OTHERWISE
FLR	FLOOR	WC	WATER COLUMN
FP	FIRE PROTECTION	WG	WATER GAUGE
FSD	COMBINATION FIRE AND SMOKE DAMPER	XFER	TRANSFER
ALL ABBREVIATIONS MAY NOT APPEAR ON DRAWINGS.			

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PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE
MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DOCUMENTS

GTS CONSULTING LLC

300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

**G. TODD SPENCER
ARCHITECT**



08/28/25

DRAWING NO:

H0.1

DATE: 08/28/25

SHEET 1 OF 4

HVAC GENERAL



Ray Group Consulting Engineers, Inc.
1827 Powers Ferry Road
Building 20, Suite 100
Atlanta, Georgia 30339
Tel. (770) 953-1443
Fax. (770) 953-9533

DX SPLIT SYSTEMS

INDOOR UNIT												OUTDOOR UNIT											
MARK	TYPE	SERVICE	SUPPLY FAN		OA CFM	GAS HEAT		ELEC (60HZ)		BASIS OF DESIGN		MARK	TYPE	COOLING			HEATING		ELEC (60HZ)		BASIS OF DESIGN		REMARKS
			CFM	ESP (W.G.)		MBH	EFF (%)	V/PH	DISC. BY	MANUFACTURER	MODEL			NOM TONS	# STEPS	SEER2	MBH (17F)	HSPF2	V/PH	DISC. BY	MANUFACTURER	MODEL	
FCU-1	DUCTLESS CEILING	FRONT OFFICE	530	-	-	-	-	208/1	E.C.	mitsubishi	PLA-AE12NL	HPU-1	HEAT PUMP	1	VARIABLE	24.8	10.7	10.9	208/1	E.C.	mitsubishi	PUZ-AK12NL	(1) (3)
FURN-2	DUCTED FURNACE	SOUTH OFFICES	1,600	0.6	200	80	92	120/1	E.C.	CARRIER	59SC2D90-21	CU-2	AIR CONDITIONER	4	1	14.3	-	-	208/1	E.C.	CARRIER	26SCA548	(2)(3)(4)
FURN-3	DUCTED FURNACE	NORTH OFFICES	1,600	0.6	200	80	92	120/1	E.C.	CARRIER	59SC2D90-21	CU-3	AIR CONDITIONER	4	1	14.3	-	-	208/1	E.C.	CARRIER	26SCA548	(2)(3)(4)

- (1) DUCTLESS SPLIT SYSTEM:
 FAN-COIL UNIT: DUCTLESS DX COOLING FAN COIL UNIT, COMPACT CEILING-MTD UNIT WITH INTEGRAL INLET AND DISCHARGE GRILLES, HIGH-DENSITY POLYMER CABINET WITH REMOVABLE ACCESS PANELS AND INTEGRAL INLET AND DISCHARGE GRILLES, FORWARD CURVED FACTORY BALANCED BLOWER WHEELS, ALUMINUM FIN/COPPER TUBE REFRIGERANT COILS, REMOVABLE FILTER, POWERED BY OUTDOOR UNIT POWER SUPPLY; INTEGRAL CONDENSATE PUMP.
 HEAT PUMP UNIT: OUTDOOR UNIT WITH SCROLL COMPRESSOR, ALUMINUM FIN COPPER TUBE REFRIGERANT COIL WITH HAIL GUARD, DIRECT DRIVE PROPELLER TYPE FAN, EXTERNAL SERVICE VALVES, REFRIGERANT FILTER DRYER, LOW AMBIENT OPERATION DOWN TO 40F, WINTER START CONTROL, CRANKCASE HEATER, COMPRESSOR START ASSIST, SHORT CYCLE PROTECTION, THERMAL AND PRESSURE COMPRESSOR OVERLOAD PROTECTION, REVERSING VALVE.
- (2) DUCTED SPLIT SYSTEM:
 FURNACE: MULTIPOISE DIRECT VENT CONDENSING NATURAL GAS HEATING FURNACE WITH MATCHING DX COOLING COIL; UL LISTED AND AGA CERTIFIED; HEAVY GAUGE STEEL CABINET WITH BAKED ENAMEL FINISH AND REMOVABLE ACCESS PANELS; DIRECT DRIVE FACTORY BALANCED CENTRIFUGAL SUPPLY FAN WITH MULTIPLE-SPEED MOTOR TAPS; 1" FILTER RACK, DIRECT VENT SEALED COMBUSTION HEATING SYSTEM WITH ALUMINIZED-STEEL CONDENSING HEAT EXCHANGER RATED FOR UP TO 75 FT EACH OF VENT AND COMBUSTION AIR PIPING; SPARK PILOT IGNITION; CONTROL VOLTAGE TRANSFORMER; MATCHING CASX ED EVAPORATOR WITH ALUMINUM FIN/COPPER TUBE REFRIGERANT COIL AND THERMOSTATIC EXPANSION VALVE; SINGLE POINT ELECTRICAL CONNECTION; INTEGRAL CONTROLS AND CONTROL VOLTAGE TRANSFORMER. PROVIDE CONDENSATE PUMP IF REQUIRED.
 AIR CONDITIONING UNIT: OUTDOOR UNIT WITH SCROLL COMPRESSOR; ALUMINUM FIN COPPER TUBE CONDENSER COIL WITH HAIL GUARD; DIRECT DRIVE PROPELLER FAN; LOW AMBIENT OPERATION DOWN TO 0F; EVAPORATOR FREEZESTAT; WINTER START CONTROL; CRANKCASE HEATER; COMPRESSOR START ASSIST; SHORT CYCLE PROTECTION; THERMAL AND PRESSURE COMPRESSOR OVERLOAD PROTECTION; EXTERNAL SERVICE VALVES; REFRIGERANT FILTER DRYER; SINGLE POINT ELECTRICAL CONNECTION.
- (3) 7-DAY PROGRAMMABLE, WI-FI ENABLED, AUTOMATIC CHAGEOVER THERMOSTAT, SETPOINT OVERLAP PROTECTION, 5F DEADBAND, SETBACK CONTROL WITH 4 OCCUPIED/UNOCCUPIED EVENTS PER DAY, SYSTEM AUTO/HEAT/COOL/OFF CONTROL, AND 2-HOUR PROGRAM OVERRIDE. OPTIMUM START CONTROL; 24 HR BATTERY BACK-UP.
- (4) MOTORIZED LOW-LEAKAGE (CLASS I) DAMPER IN OA DUCT, INTERLOCK WITH FURNACE TO OPEN WHEN FAN ON, CLOSE WHEN FAN OFF.

FANS

MARK	TYPE	SERVICE	CFM	ESP (W.G.)	MOTOR	ELEC (60 HZ)		DRIVE (D)IRECT (B)ELT	MAX INLET NOISE @5FT	WEIGHT (LBS)	BASIS OF DESIGN		REMARKS
						V/PH	DISC BY				MANUFACTURER	MODEL	
EF-1 THRU EF-5	CEILING-MTD	RESTROOMS	140	0.25	17 W	120/1	M.C.	D	2.0 SONES	24	GREENHECK	SP-A390-VG	(1)
REF-1 THRU REF-2	ROOF-MTD	TRANING AREA	15,000	0.15	2 HP	208/3	M.C.	D	61 dBA	411	GREENHECK	GB-480	(2)
REF-3 THRU REF-5	ROOF-MTD	SOCCER FIELDS	20,000	0.15	3 HP	208/3	M.C.	D	64 dBA	532	GREENHECK	GB-540	(2)
REF-6	ROOF-MTD	ELECTRICAL ROOM	1,000	0.2	1/6 HP	120/1	M.C.	D	53 dBA	43	GREENHECK	G-095-VG	(2)

- (1) CEILING-MOUNTED FANS: DIRECT DRIVE, GALVANIZED STEEL FORWARD CURVED FAN; LOW SOUND CONSTRUCTION; HEAVY GAUGE CABINET INTERNALLY LINED WITH 1/2" ACOUSTICAL LINER; CEILING GRILLE; BACKDRAFT DAMPER; ELECTRICAL DISCONNECT. INTERLOCK FAN WITH LIGHTS.
- (2) ROOF-MOUNTED FANS: ALUMINUM FORWARD CURVED FAN; SPUN ALUMINUM VENTURI HOUSING WITH REMOVABLE COVER; DOWNBLAST; VIBRATION ISOLATED MOTOR AND DRIVE ASSEMBLY; INLET FLEXIBLE DUCT CONNECTION; BACKDRAFT DAMPER; BIRD SCREEN; ROOF CURB WITH CURB CAP; CONDUIT CHASE; NEMA 4X ELECTRICAL DISCONNECT. CONTROL VIA COOLING-ONLY THERMOSTAT.

HEATERS

MARK	TYPE	SERVICE	FAN		HEATER			ELEC (60 HZ)		MAX NOISE @15FT	BASIS OF DESIGN		REMARKS
			CFM	HP	MBH INPUT	EFF (%)	# STAGES	V/PH	DISC BY		MANUFACTURER	MODEL	
UH-1 THRU UH-6	GAS-FIRED UNIT HEATER	TRANING AREA, SOCCER FIELDS	1,921	1/4	150	82	2	120/1	E.C.	51 dBA	REZNOR	UDXC150	(1)
UH-7	GAS-FIRED UNIT HEATER	ELECTRICAL ROOM	456	1/20	30	82	1	120/1	E.C.	40 dBA	REZNOR	UDXC30	(1)
UH-8 THRU UH-13 (FUTURE)	GAS-FIRED UNIT HEATER	TRAINING AREA, SOCCER FIELDS	1,921	1/4	150	82	2	120/1	E.C.	51 dBA	REZNOR	UDXC150	FUTURE

- (1) GAS-FIRED UNIT HEATER: FORCED COMBUSTION, DIRECT-VENTED GAS-FIRED UNIT HEATER; UL AND CGA LISTED; HEAVY DUTY GALVANIZED STEEL CABINET WITH BAKED ENAMEL FINISH; ADJUSTABLE DISCHARGE LOUVERS; INTAKE WIRE FAN GUARD; ACCESS PANELS; STAINLESS STEEL HEAT EXCHANGER; GAS VALVE WITH NATURAL GAS ORIFICE; SPARK IGNITION (NO CONTINUOUS PILOT); INTEGRAL CONTROL VOLTAGE TRANSFORMER AND REMOTE PROGRAMMABLE THERMOSTAT; FACTORY WIRED AND INSTALLED CONTROLS; ALL REQUIRED SAFETIES AND UL LIMIT CONTROLS; SINGLE POINT ELECTRICAL CONNECTION WITH ELECTRICAL DISCONNECT. CONTROL WITH HEATING-ONLY THERMOSTAT.

DIFFUSERS, REGISTERS, AND GRILLES

MARK	TYPE	MOUNTING	NECK DAMPER	MAX NC	MAX ΔP	SIZE		MAT'L	FINISH	BASIS		REMARKS
						NECK	FRAME			MFR	MODEL	
S1	4-WAY LOUVERED DIFFUSER	LAY-IN	N	30	0.1"	PER PLANS	24x24	ALUMINUM	(1)	TITUS	TMS-AA	
S2	4-WAY LOUVERED DIFFUSER	SURFACE	N	30	0.1"	PER PLANS	12x12	ALUMINUM	(1)	TITUS	TDC-AA	
R1	LOUVERED GRILLE	LAY-IN	N	30	0.05"	PER PLANS	24x24, UNO	ALUMINUM	(1)	TITUS	4F	(2)

- (1) AIR DEVICE COLOR SHALL MATCH COLOR OF CEILING SYSTEM IN WHICH INSTALLED. CONTRACTOR SHALL COORDINATE.
- (2) PROVIDE 12"H PLENUM WITH ROUND NECK FOR FLEX DUCT CONNECTION.

REVISIONS:

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- 2) BUILDER AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND REQUIREMENTS BEFORE PROCEEDING.
- 3) ALL DIMENSIONS ARE TO BE READ AND CALCULATED, AND ARE NOT TO BE SCALED.
- 4) ALL DRAWINGS MUST BE VERIFIED AND ANY INCONSISTENCIES MUST BE REPORTED TO TODD SPENCER, FOR RESOLUTION, BEFORE PROCEEDING WITH CONSTRUCTION.
- 5) DRAWINGS DESIGNATE LOCATION ONLY, AND ENGINEERING ASPECTS MUST INCORPORATE ACTUAL SITE CONDITIONS.

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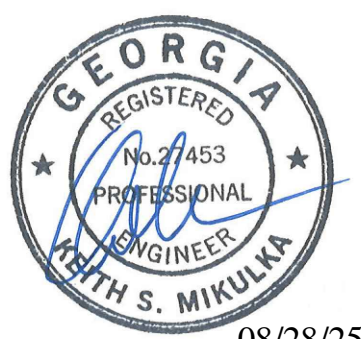
DESIGN PHASE:

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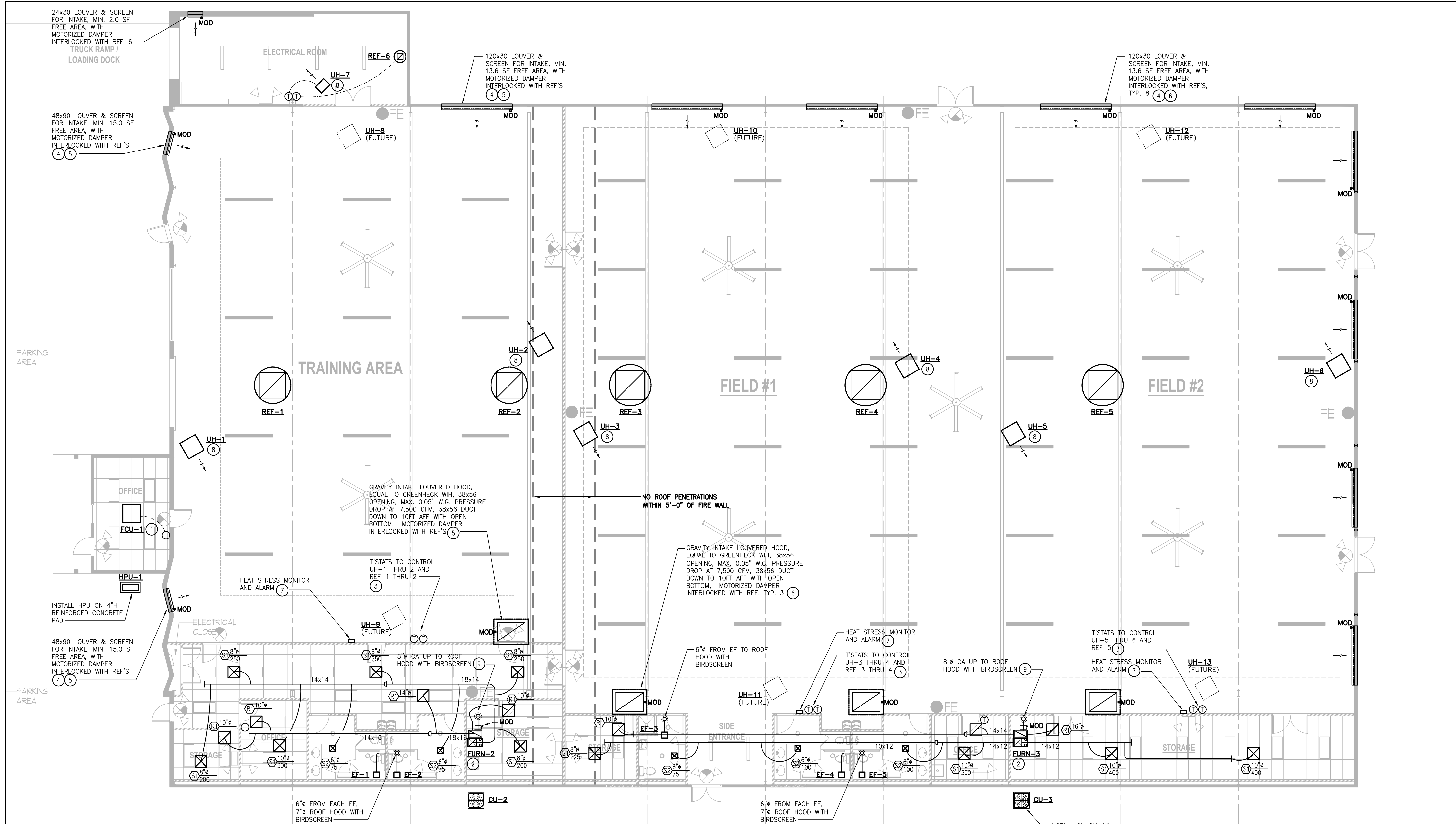


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DATE: 08/28/25

SHEET 2 OF 4

HVAC GENERAL **GRAY** Ray Group Consulting Engineers, Inc.
 1827 Powers Ferry Road
 Building 20, Suite 100
 Atlanta, Georgia 30339
 Tel. (770) 953-1443
 Fax. (770) 953-9533



KEYED NOTES:

- ① ROUTE CONDENSATE OUTSIDE, TERMINATE ABOVE LANDSCAPING.
- ② PROVIDE DIRECT VENT AND COMBUSTION AIR FROM FURNACE UP THRU ROOF, TERMINATE WITH CONCENTRIC VENT KIT. ROUTE CONDENSATE TO MOP SINK, PROVIDE CONDENSATE PUMP IF NECESSARY.
- ③ PROVIDE EXTRA HEAVY DUTY STEEL WIRE GUARD FOR THERMOSTAT TO PROTECT FROM DAMAGE.
- ④ BOTTOM OF LOUVER AT 18" AFF. PROVIDE STEEL CHAIN LINK FENCE INSIDE TO PROTECT DAMPER ASSEMBLY FROM DAMAGE. ASSEMBLY SHALL FULLY COVER DAMPER AND ACTUATOR. PROVIDE PADDING FOR ALL POSTS, RAILS, AND BARS UP TO 8FT AFF FOR PERSONNEL PROTECTION. PROVIDE REMOVABLE SECTION IN FRONT OF DAMPER ASSEMBLY FOR MAINTENANCE.
- ⑤ INTERLOCK MOD TO OPEN WHEN EITHER OR BOTH REF-1 AND REF-2 ARE ON AND CLOSE WHEN BOTH FANS ARE OFF.
- ⑥ INTERLOCK MOD TO OPEN WHEN ANY OR ALL OF REF-3, REF-4, AND REF-5 ARE ON AND CLOSE WHEN ALL FANS ARE OFF.
- ⑦ HEAT STRESS MONITOR EQUAL TO TECH INSTRUMENTATION MODEL HIX1800 WITH TEMPERATURE, RELATIVE HUMIDITY, AND HEAT INDEX DISPLAY; CALIBRATED (PROVIDE CERTIFICATE OF CALIBRATION TO OWNER); LED DISPLAY WITH 2" NUMBERS; 5VDC ALARM OUTPUT; ADJUSTABLE ALARM SETPOINT; 120V. PROVIDE WALL-MOUNTED ALARM WITH BLINKING RED LIGHT AND 100dB (AT 3FT) HORN, INTERLOCK WITH HEAT STRESS MONITOR. ENCLOSE IN EXTRA HEAVY DUTY WIRE CAGE.
- ⑧ PROVIDE DIRECT VENT AND COMBUSTION AIR FROM HEATER UP THRU ROOF, TERMINATE WITH CONCENTRIC VENT KIT.
- ⑨ OA INTAKE SHALL BE MINIMUM 10'-0" FROM ANY CONTAMINATION SOURCE (PARKING LOT, PLUMBING VENT, FURNACE VENT, EXHAUST TERMINATION, ETC).

1 HVAC - FLOOR PLAN
H1.1 SCALE: 1/8"=1'-0"

REVISIONS:

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PLUMBING FIXTURE / EQUIPMENT SCHEDULE

MARK	DESCRIPTION	PLUMBING REQUIREMENTS				BASIS OF DESIGN		ACCESSORIES/NOTES
		CW	HW	WASTE	VENT	MFGR	MODEL	
WC	WATER CLOSET – FLOOR MOUNTED FLUSH TANK	1/2"	–	4"	2"	AMERICAN STANDARD	CADET	1.28 GPF; ELONG'D BOWL; OPEN-FRONT SEAT; TRIP LEVER ON WIDE SIDE OF FIXTURE
LAV	LAVATORY – COUNTER TOP	1/2"	1/2"	2"	2"	AMERICAN STANDARD	CADET	0.5 GPM; 1-LVR FAUCET; DRAIN W/GRID, TAILPIECE & P-TRAP; ASSE 1070 TEMPERING VALVE
UR	URINAL	3/4"	–	2"	2"	AMERICAN STANDARD	ALLBROOK	0.25 GPF; WALL CARRIER; SLOAN 186 FLUSH VALVE
EWC	ELECTRIC WATER COOLER	1/2"	–	2"	2"	OASIS	PG8ACSL	HI-LO SPLIT LEVEL; BARRIER FREE; REFRIGERATED; 8 GPH, 50F WATER; 1/4HP
MS	MOP SINK	1/2"	1/2"	3"	2"	FIAT	MSB 2424	830-AA FAUCET W/VAC BREAKER; SS CURB CAP & WALL GUARDS; HOSE W/BRACKET; MOP HANGER
SH	SHOWER	1/2"	1/2"	2"	2"	BEST BATH	SS3232	1.5 GPM SHOWER HEAD; 1-LVR PRESS BAL MIX VALVE
WH-1	INSTANTANEOUS TANKLESS GAS WATER HEATER, CONDENSING	3/4"	3/4"	–	–	RINNAI	CX199i	COMMERCIAL CONDENSING, TANKLESS WATER HEATER; NATURAL GAS; 199 MBH INPUT; 0.96 ENERGY FACTOR; 5.6 GPM AT 70F RISE; WALL-MTD COMMERCIAL CONTROLLER (98-185F USER ADJUSTABLE) SET TO 120F; 0.4 GPM ACTIVATION; 0.26 GPM MIN; 120V/1PH
HWRP	HOT WATER RECIRC PUMP	3/4"	3/4"	–	–	TACO	008	3 GPM @ 14 FT WC; 1/25 HP; 120V/1PH; 3250 RPM; ALL BRONZE; 230F/125 PSI RATED; CHK VALVE; POWER PUMP THROUGH PIPE-MTD THERMOSTAT (TEMP SETPOINT 104°F) AND 7-DAY PROGRAMMABLE TIMECLOCK W/2,500 HR CAPACITOR POWER BACKUP, EQUAL TO TACO "AQUASTAT" AND "00 DIGITAL TIMER"

PLUMBING GENERAL NOTES

- FIXTURES AND EQUIPMENT ARE INDICATED ON PLUMBING SHEETS FOR GENERAL REFERENCE ONLY, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL FIXTURES AND EQUIPMENT.
- ALL WORK SHALL BE BY LICENSED PLUMBER AND IN ACCORDANCE WITH APPLICABLE CODES.
- PLUMBING WATER (COLD AND HOT) PIPING SHALL BE EITHER TYPE B PEX (WHERE APPROVED BY AUTHORITY HAVING JURISDICTION) WITH BRASS FITTINGS AND CRIMPED JOINTS, 100 PSIG RATED OR SCHEDULE 40 CPVC WITH SOLVENT WELD JOINTS. INSULATE HOT WATER PIPING CONTINUOUSLY WITH ELASTOMERIC FOAM PIPE INSULATION (1" FOR HW AND HWR) EXCEPT WHERE OTHERWISE SPECIFIED, PROVIDE CONTINUOUS SEAL AROUND ALL SEAMS AND JOINTS WITH INSULATION MANUFACTURER'S SEALING COMPOUND. PROVIDE 1/4-TURN BALL STOP VALVES AT FINAL CONNECTION TO FIXTURES, APPLIANCES, OR EQUIPMENT. ALL MATERIALS SHALL BE APPROVED FOR DOMESTIC WATER (POTABLE) SERVICE.
- SANITARY DRAINAGE AND VENT PIPING SHALL BE DWV PVC WITH SOLVENT WELD JOINTS. PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT MINIMUM 2 PERCENT, PIPING 3" AND LARGER SHALL BE SLOPED AT MINIMUM 1 PERCENT. PROVIDE DRAINAGE PATTERN FITTINGS.
- GAS PIPING SHALL BE SCHEDULE 40 STEEL, ASTM A53, WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS. PIPING CONCEALED BEHIND WALLS OR BELOW SLAB SHALL HAVE ALL WELDED JOINTS. PIPING WHICH IS SUBJECT TO WEATHER SHALL BE CLEANED, PRIMED AND PAINTED WITH 2 COATS EXTERIOR GRADE, UV-RESISTANT PAINT.
- TRAP PRIMERS SHALL BE PROVIDED FOR ALL FLOOR DRAINS AND HUB DRAINS, EXCEPT WHERE DRAIN RECEIVES A CONTINUOUS DISCHARGE AND WHERE AHJ APPROVES INSTALLATION WITHOUT TRAP PRIMER.
- WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF BUILDING INSULATION ASSEMBLY.
- PROVIDE SIGN DIRECTING ALL EMPLOYEES TO WASH HANDS.
- SEAL AROUND EDGES OF ALL WALL-MOUNTED FIXTURES WITH APPROVED CAULK/SEALING COMPOUND.
- WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION AND ALL APPLICABLE LOCAL ORDINANCES.
- CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., AND PAY ALL INCIDENTAL FEES, AS REQUIRED TO OBTAIN A PERMIT AND A PERMANENT CERTIFICATE OF OCCUPANCY.
- WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS. CONFLICTS WHICH ARISE DUE TO LACK OF PROPER COORDINATION SHALL BE CORRECTED AT THE CONTRACTOR'S COST.
- DESIGN INDICATED IS SCHEMATIC AND MAY NOT REFLECT ALL CONSTRAINTS IMPOSED BY ACTUAL PROJECT CONDITIONS. CONTRACTOR SHALL VISIT SITE AND REVIEW CONSTRUCTION DOCUMENTS (INCLUDING ALL TRADES) TO FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BID. CONTRACTOR'S BID SHALL INCLUDE ANY AND ALL COSTS REQUIRED TO REWORK THE DESIGN TO FIT WITHIN THE PHYSICAL CONSTRAINTS WHILE ACHIEVING THE OVERALL DESIGN INTENT.
- THE BASIS-OF-DESIGN PRODUCTS WERE USED TO DETERMINE DIMENSIONS, INSTALLATION AND ACCESS CLEARANCES, SUPPORTS, ELECTRICAL SERVICE, CONNECTION ARRANGEMENTS, ETC. WHERE ALTERNATE PRODUCTS ARE PROVIDED, IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIREMENTS AND RECTIFY ANY CONFLICTS AT THE CONTRACTOR'S COST.
- ALL WORK SHALL BE INSTALLED TO AVOID CONFLICT WITH ELECTRICAL EQUIPMENT "DEDICATED SPACE" AS REQUIRED BY NEC AND LOCAL ORDINANCES. COORDINATE LOCATIONS OF ALL ELECTRICAL GEAR (DISTRIBUTION PANELS, TRANSFORMERS, SWITCHGEAR, ETC.) WITH ELECTRICAL CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL EQUIPMENT AND DEVICES WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING.
- ALL MATERIALS AND EQUIPMENT SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING. CONTRACTOR ASSUMES LIABILITY AND COSTS FOR ANY PRODUCT WHICH IS ORDERED PRIOR TO RECEIPT OF APPROVED SUBMITTALS.
- ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. ADDITIONAL WARRANTY SHALL APPLY WHERE SPECIFIED.
- ALL PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED WITH UL-LISTED SYSTEM APPROVED FOR THE APPLICATION.
- FLASH AND SEAL ALL PENETRATIONS OF BUILDING EXTERIOR, WALLS AND ROOF WITH APPROVED SEALANT.
- ALL WORK INSTALLED WITHIN HVAC PLENUMS SHALL BE PLENUM RATED (25/50 FLAME SPREAD/SMOKE DEVELOPED) AND, WHERE REQUIRED BY THE LAHJ, SHALL BE NON-COMBUSTIBLE.
- ALL EQUIPMENT SHALL BE NEW EXCEPT FOR EQUIPMENT SPECIFICALLY NOTED AS EXISTING TO REMAIN. CONTRACTOR SHALL TEST EXISTING EQUIPMENT FOR PROPER OPERATION AND REPORT CONDITION TO OWNER. ALL UNREPORTED EQUIPMENT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED IF NOT FUNCTIONAL AT THE DATE OF BENEFICIAL OCCUPANCY. NEW EQUIPMENT SHALL BE UL OR ETL LISTED AND LABELED. GAS-FIRED EQUIPMENT SHALL ALSO BE AGA OR CSA LISTED AND LABELED. INSTALL ALL EQUIPMENT PER THESE DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, AND CODE REQUIREMENTS FOR SPECIFIC APPLICATION.
- EXCEPT WHERE SPECIFIED OTHERWISE, MECHANICAL CONTRACTOR SHALL PROVIDE STARTERS AND ELECTRICAL DISCONNECTS FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- PROVIDE PERMANENT LABELS FOR ALL EQUIPMENT, CONTROLS, AND PIPING.
- PROVIDE PRESSURE REDUCING VALVE IF LINE PRESSURE EXCEEDS 80 PSI, SET TO 60 PSI.
- REMOVE ALL INACTIVE PLUMBING BACK TO ACTIVE MAINS, CAP, SEAL, AND INSULATE TO MATCH EXISTING.
- SUPPORT ALL PIPING AS REQUIRED PER CODE AND MSS SP-69. RESTRAIN PIPING AGAINST LONGITUDINAL AND LATERAL MOVEMENT. SUPPORTS SHALL BE SECURED TO SUBSTANTIAL BUILDING STRUCTURE ONLY, DO NOT SUPPORT FROM OTHER PIPING, DUCTWORK, EQUIPMENT, OR CONDUIT. EXTERIOR SUPPORT SYSTEMS (STRUTS, CLAMPS, BOLTS AND HARDWARE) SHALL BE STAINLESS STEEL.
- 27.1. SECURE WALL-MOUNTED PIPING WITH STEEL STRUT CHANNELS WITH PIPE CLAMPS, SECURE TO MASONRY WALL WITH EXPANSION ANCHORS OR DIRECTLY TO WALL FRAMING STUDS.
- 27.2. SUPPORT SUSPENDED PIPING BY J-HOOK HANGERS, CLEVIS HANGERS, OR STEEL STRUT SUPPORT CHANNELS WITH PIPE CLAMPS.
- 27.2. SUPPORT VERTICAL PIPING AT 5FT CENTERS WITH STEEL STRUT CHANNELS SECURED TO ROOF STRUCTURE, WALLS, OR FLOOR.
- 27.3. SECURE HANGERS FROM ROOF STRUCTURE, WALLS, OR FLOOR.
- 27.2. PROVIDE DIELECTRIC BUSHING AT HANGERS FOR ALL COPPER PIPES.
- ALL PIPING BELOW ADA FIXTURES SHALL BE INSULATED WITH HAND-LAV GUARD MODELS 102 AND 105 INSULATION KITS.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
----	DOMESTIC COLD WATER PIPING
----	HOT WATER PIPING
----	SANITARY OR WASTE PIPING
----	VENT PIPING
----	GAS PIPING
⊙	CONNECTION TO EXISTING CONSTRUCTION
⊗	SHUT-OFF VALVE (TYPE AS SPECIFIED)
⌞	CHECK VALVE
⊗	BACKFLOW PREVENTER
⌞	RELIEF VALVE
⊕	GAS COCK
⊕	UNION
—D—	PIPE REDUCER
—]—	PIPE END CAP
∩	CLEANOUT
∞	P-TRAP
—?	CONTINUATION OF PIPING
⊕	GAS PRESSURE REGULATOR

ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.

PLUMBING ABBREVIATIONS

ABBREV.	DEFINITION
AAV	AIR ADMITTANCE VALVE
A/C	ABOVE CEILING
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
B/F	BELOW FLOOR
B/G	BELOW GRADE
BTUH	BRITISH THERMAL UNITS PER HOUR
CO	CLEANOUT
CW	DOMESTIC COLD WATER
DN	DOWN
GW	GREASE WASTE
FD	FLOOR DRAIN
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
IE	INVERT ELEVATION
O/H	OVERHEAD
PLBG	PLUMBING
PRV	PRESSURE REDUCING VALVE
SAN OR S	SANITARY
TP	TRAP PRIMER
TYP	TYPICAL
V	VENT
W	WASTE

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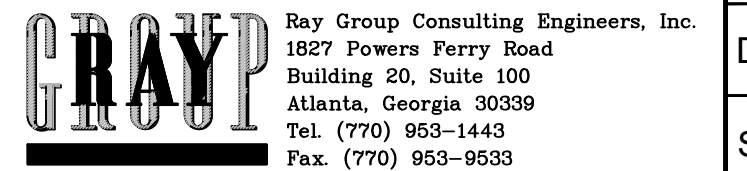
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SHEET 1 OF 5



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PLUMBING GENERAL

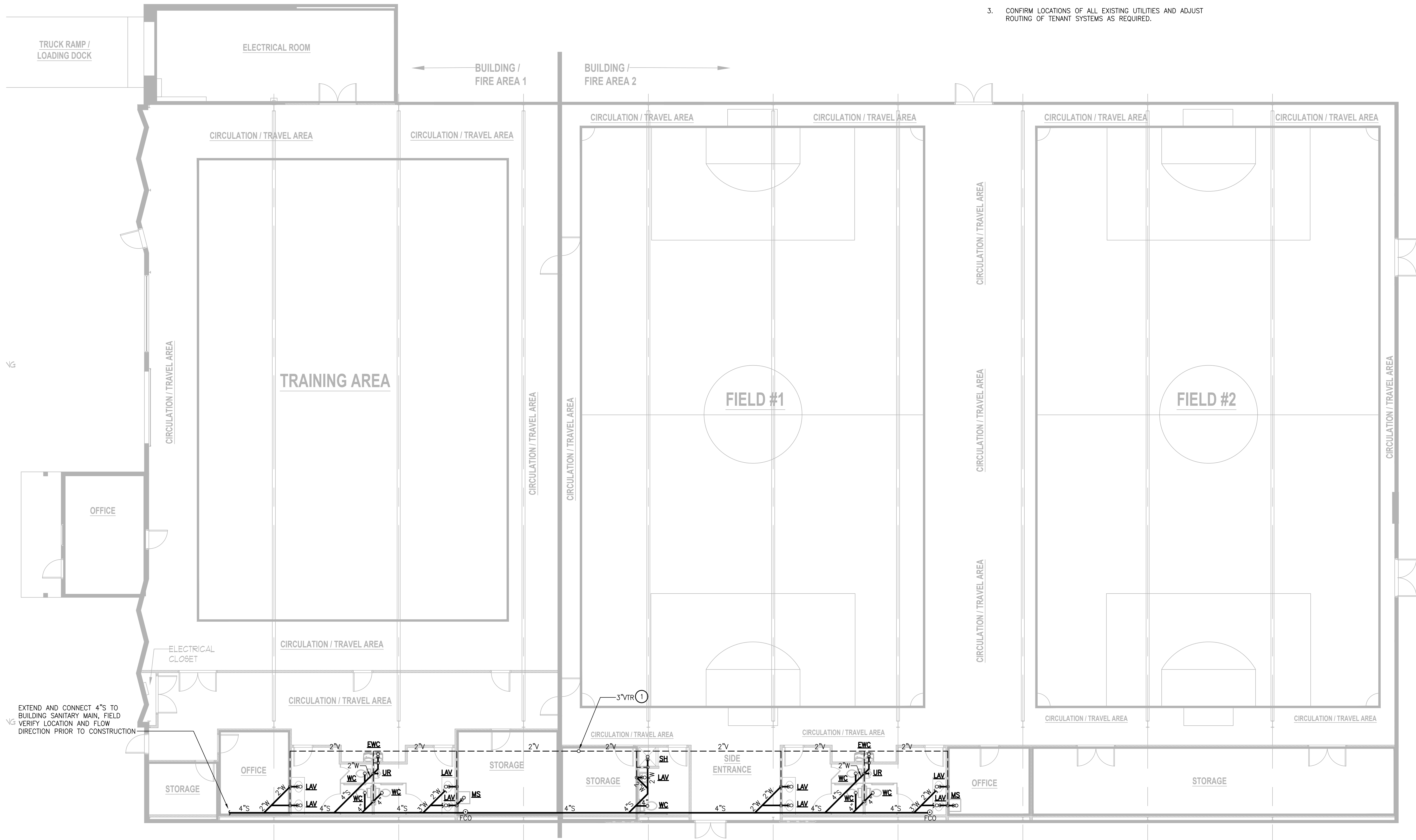


GENERAL NOTES:

1. CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BID.
2. COORDINATE ALL MECHANICAL CONSTRUCTION WITH OTHER TRADES TO AVOID CONFLICTS.
3. CONFIRM LOCATIONS OF ALL EXISTING UTILITIES AND ADJUST ROUTING OF TENANT SYSTEMS AS REQUIRED.

KEYED NOTES:

- 1 VENTS SHALL BE MIN 10'-0" FROM ANY OUTDOOR AIR INTAKE.



1 PLUMBING DRAINAGE PLAN
P1.1 SCALE: 1/8" = 1'-0"



08/28/25

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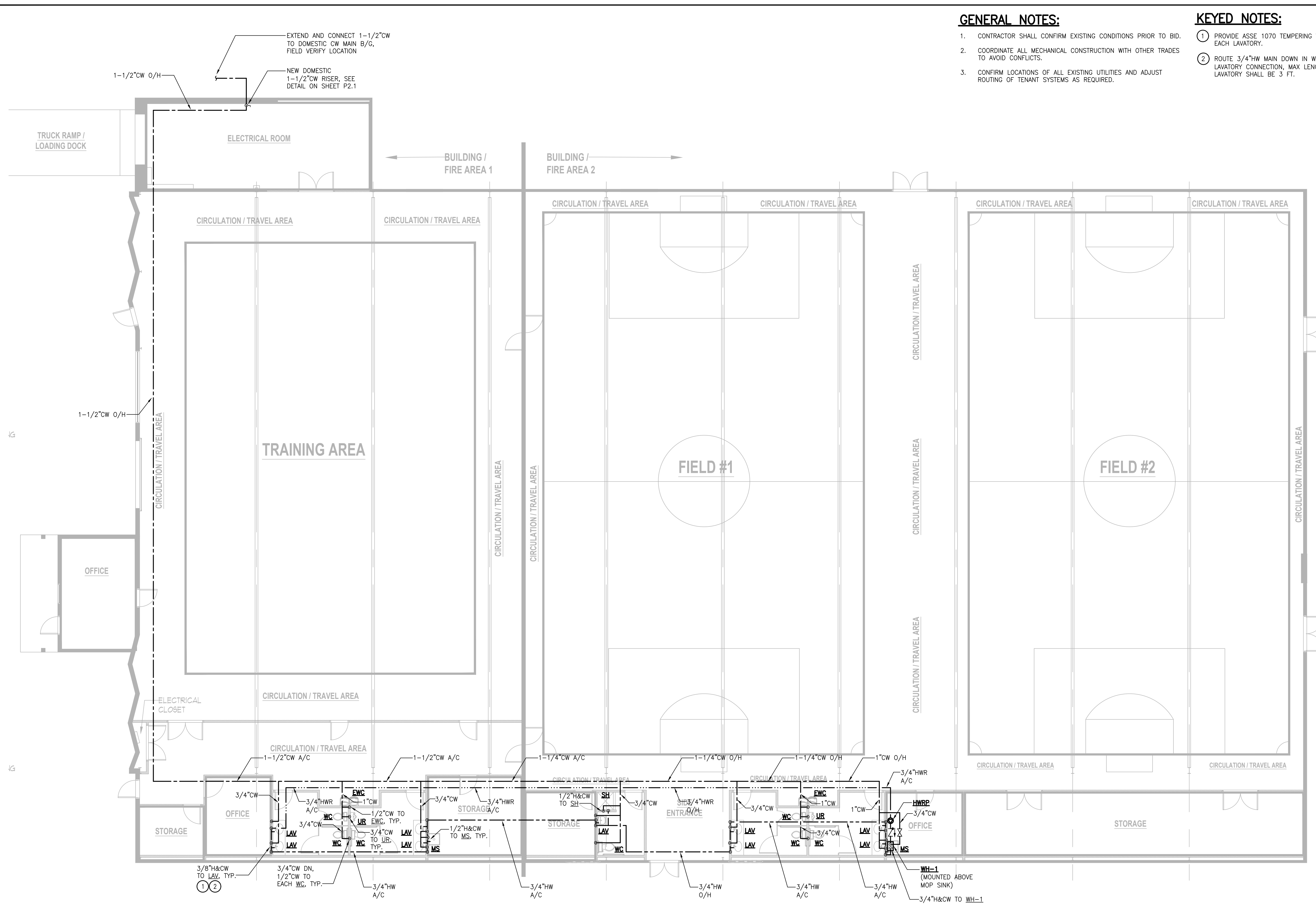
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SHEET 2 OF 5



GENERAL NOTES:

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3. CONFIRM LOCATIONS OF ALL EXISTING UTILITIES AND ADJUST ROUTING OF TENANT SYSTEMS AS REQUIRED.

KEYED NOTES:

- ① PROVIDE ASSE 1070 TEMPERING VALVE, SET TO 110°F OUTLET, AT EACH LAVATORY.
- ② ROUTE 3/4\"/>

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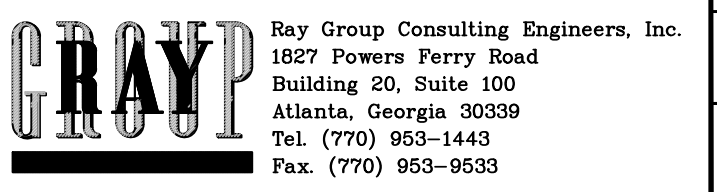
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SHEET 3 OF 5

2 PLUMBING WATER SUPPLY PLAN
 P1.2 SCALE: 1/8" = 1'-0"

PLUMBING WATER SUPPLY PLAN



GAS LOAD AND SIZING SUMMARY:

- LOAD SUMMARY:**

SPACE HEATING (FURN'S & UH'S)	= 1,990 MBH
WATER HEATING (WH-1)	= 199 MBH
TOTAL	= 2,189 MBH
- PIPE SIZING SUMMARY:**
 - 2.0 PSI INLET PRESSURE
 - 1.0 PSI PRESSURE DROP
 - 400 FT TOTAL EQUIV. LENGTH
 - IFGC TABLE 402.4(5) SCHEDULE 40 METALLIC PIPE IS USED.
- CONTRACTOR TO VERIFY PRESSURE AND PIPING LENGTHS ON SITE AND ADJUST PIPE SIZES IN ACCORDANCE WITH IFGC CHAPTER 4.**

- KEYED NOTES:**
- PROVIDE GAS COCK, SEDIMENT TRAP, AND UNION AT CONNECTION TO EQUIPMENT. SEDIMENT TRAP SHALL BE INSTALLED AFTER THE GAS COCK, AS CLOSE TO THE UNIT CONNECTION AS PRACTICAL, AND SHALL HAVE A REMOVABLE CAP FOR CLEANING.
 - PROVIDE VENTLESS PRESSURE REGULATOR, SET OUTLET PRESSURE PER APPLIANCE MANUFACTURER'S INSTRUCTIONS. GAS CONNECTION SIZE SHALL BE PER APPLIANCE MANUFACTURER'S INSTRUCTIONS.

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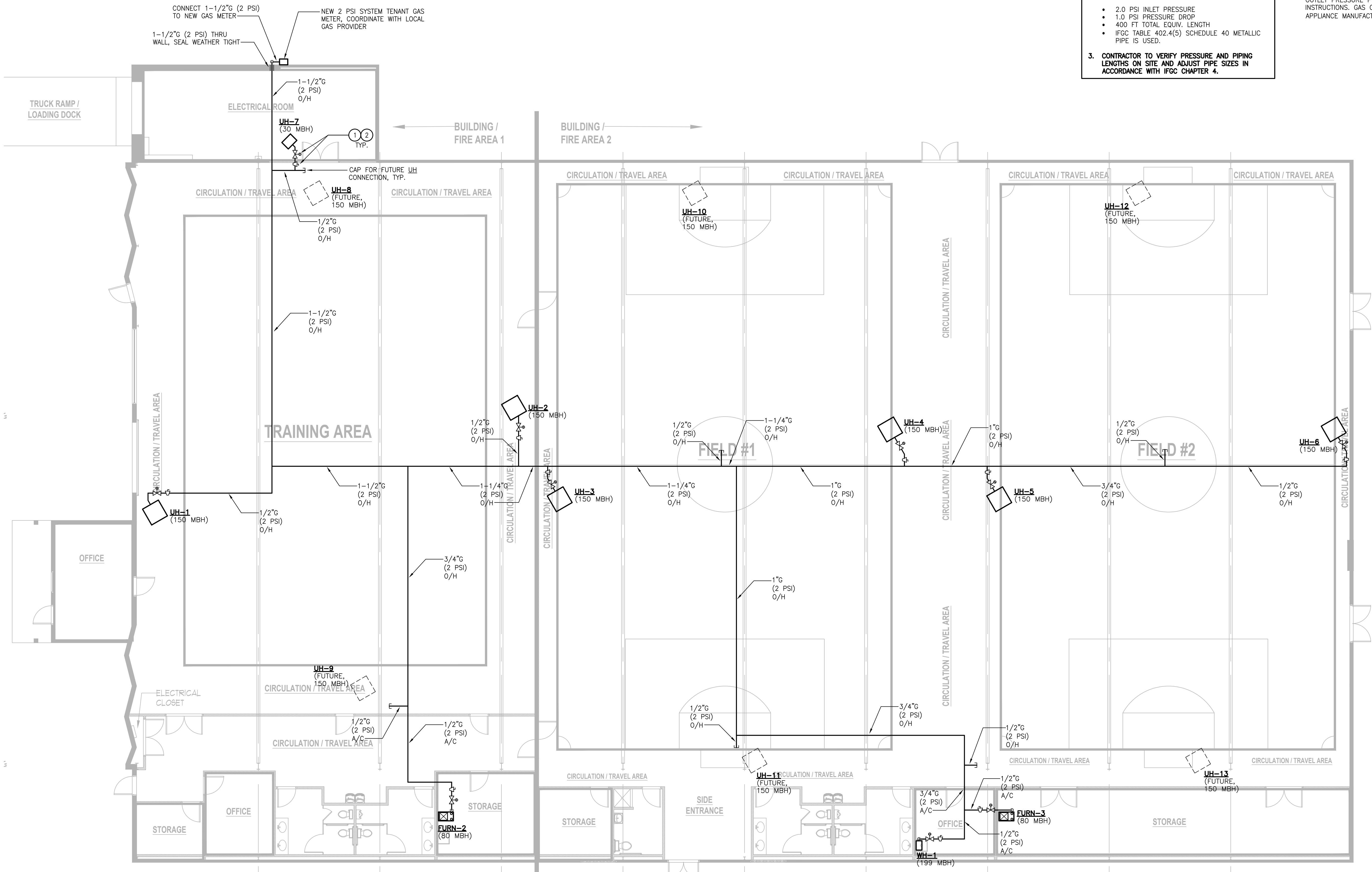
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DRAWING NO:
P1.3

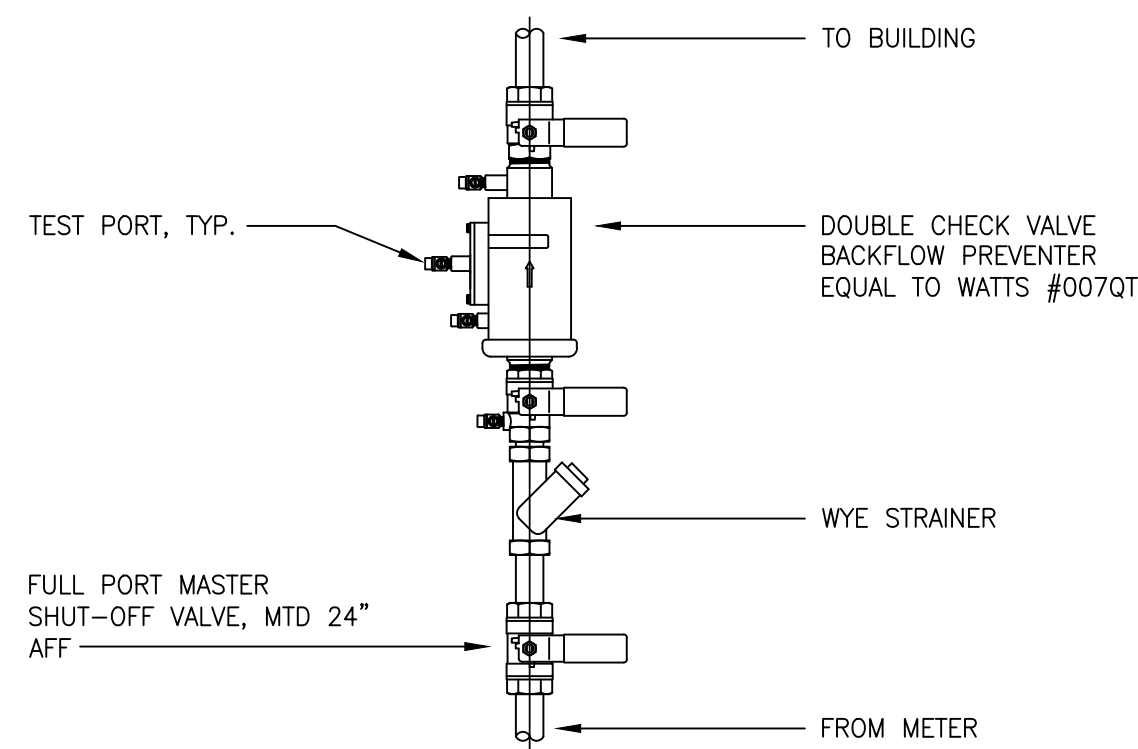
DATE: 08/28/25

SHEET 4 OF 5



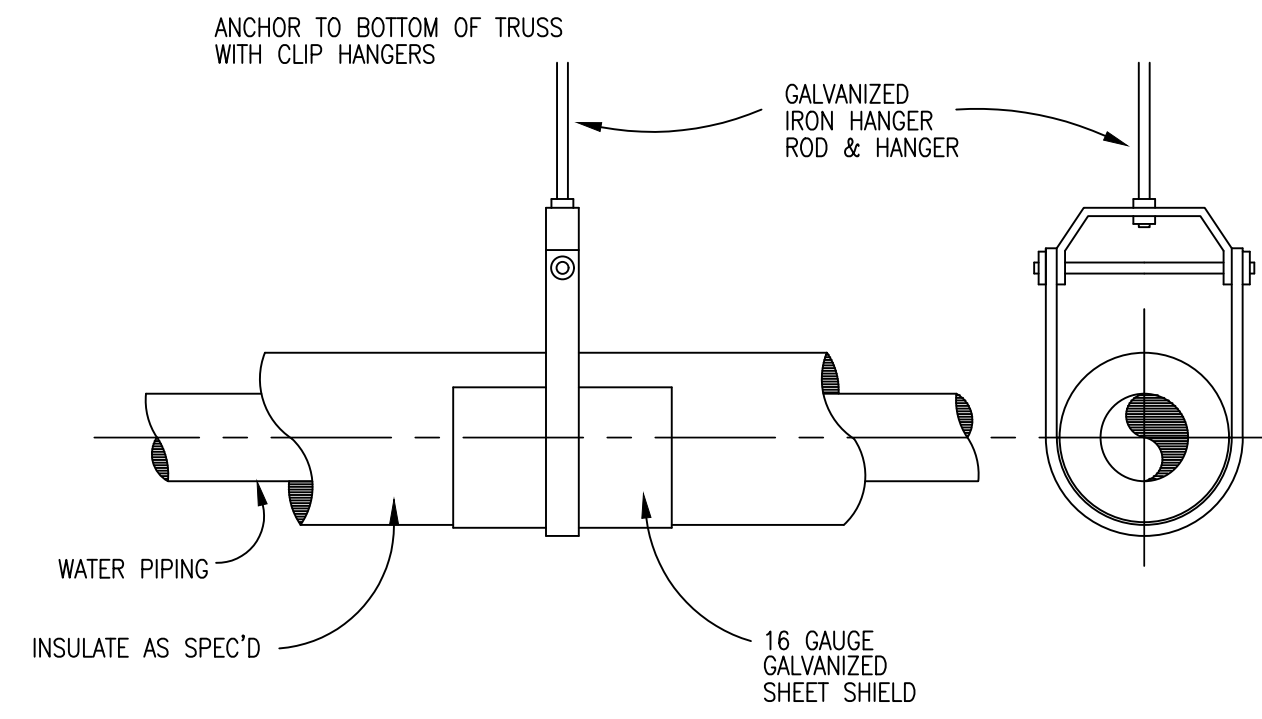
1 PLUMBING GAS SUPPLY PLAN
 SCALE: 1/8" = 1'-0"

GAS SUPPLY FLOOR PLAN **GRAYP** Ray Group Consulting Engineers, Inc.
 1827 Powers Ferry Road
 Building 20, Suite 100
 Atlanta, Georgia 30339
 Tel. (770) 953-1443
 Fax. (770) 953-9533

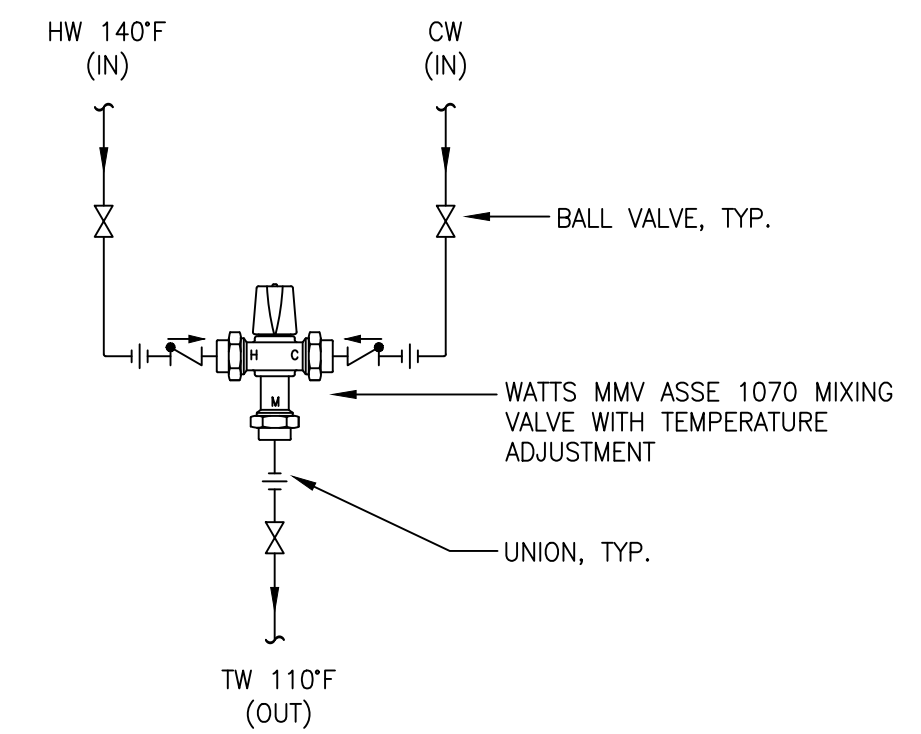


- NOTES:**
1. PROVIDE PRESSURE REDUCING VALVE WHERE SERVICE EXCEEDS 75 PSI (FIELD VERIFY), SET TO 60 PSI.
 2. COORDINATE MOUNTING HEIGHT AND LOCATION WITH AUTHORITY HAVING JURISDICTION.

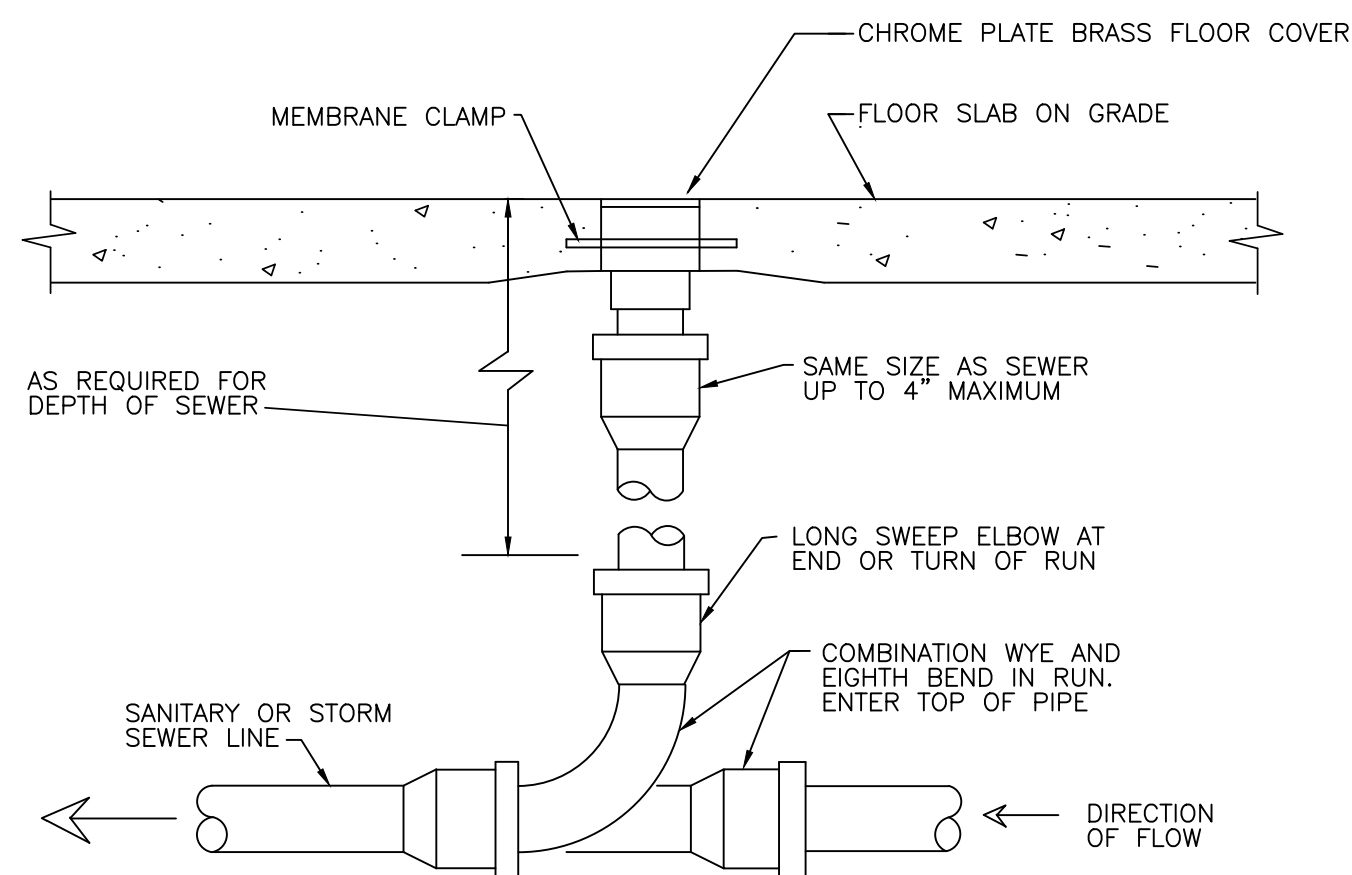
1 DOMESTIC WATER RISER
P2.1 SCALE: NONE



2 GENERAL PIPING HANGERS
P2.1 SCALE: NONE

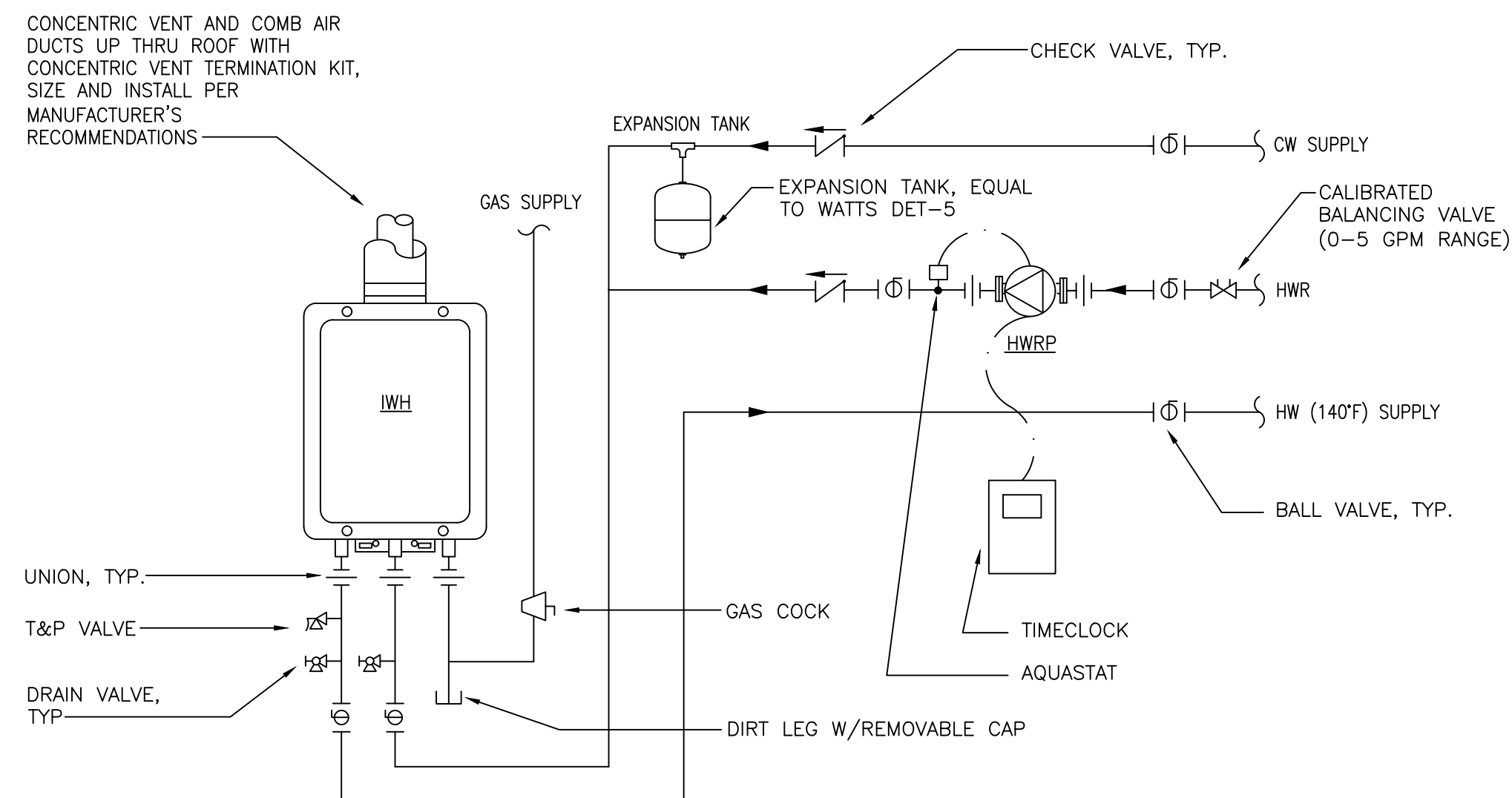


3 THERMOSTATIC MIXING VALVE
P2.1 SCALE: NONE



- LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 100' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.

4 FLOOR CLEANOUT
P2.1 SCALE: NONE



- NOTES:**
1. ROUTE WATER HEATER DRAINS TO MOP SINK.

5 TANKLESS WATER HEATER
P2.1 SCALE: NONE

REVISIONS:

- 1) ALL WORK MUST COMPLY WITH ALL STATE AND LOCAL BUILDING CODES.
- 2) BUILDER AND CONTRACTOR MUST VERIFY ALL DIMENSIONS AND REQUIREMENTS BEFORE PROCEEDING.
- 3) ALL DIMENSIONS ARE TO BE READ AND CALCULATED, AND ARE NOT TO BE SCALED.
- 4) ALL DRAWINGS MUST BE VERIFIED AND ANY INCONSISTENCIES MUST BE REPORTED TO TODD SPENCER FOR RESOLUTION, BEFORE PROCEEDING WITH CONSTRUCTION.
- 5) DRAWINGS DESIGNATE LOCATION ONLY, AND ENGINEERING ASPECTS MUST INCORPORATE ACTUAL SITE CONDITIONS.

PROJECT NAME:

TREJO SOCCER ACADEMY
560 LIONS CLUB DRIVE
MABLETON, GA 30126

DESIGN PHASE:

CONSTRUCTION DOCUMENTS

GTS CONSULTING LLC
300 LUCINDA CT NW
MARIETTA, GA 30064
(404) 277-5206



DRAWN BY:

G. TODD SPENCER
ARCHITECT

DRAWING NO:

P2.1

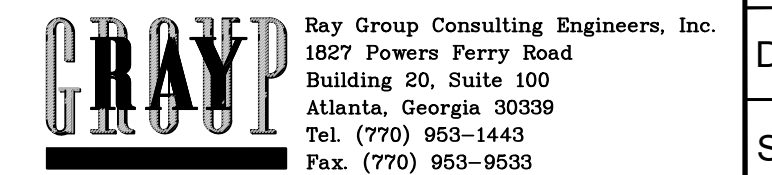
DATE: 08/28/25

SHEET 5 OF 5



08/28/25

PLUMBING DETAILS



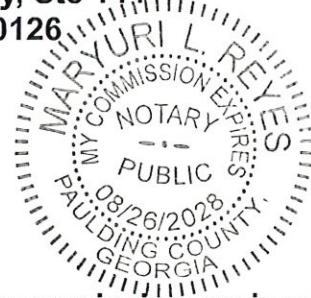


City of Mableton Community Development
6116 Mableton Parkway, Ste 144
Mableton, GA 30126

Signed, sealed and delivered in presence of:

[Signature]

Notary Public



My commission expires:

Commission District: 4 Zoning
Case: _____

Size of property in acres: 2 Original Date of
Hearing: _____

Location: 560 Lions Club Dr. Mableton GA 30126
(street address, if applicable; nearest intersection, etc.)

Land Lot(s): _____ District(s): _____

State specifically the need or reason(s) for Other Business:

Indoor Soccer Academy

(City of Mableton Zoning Division – 404-854-4904)



City of Mableton Community Development
6116 Mableton Parkway, Ste 144
Mableton, GA 30126

Application for "Other Business" City of Mableton, GA
City Council Hearing Date Requested: _____

Applicant: Trejo Soccer Academy - Jireh Group LLC Phone
#: 678.598.2913

(applicant's name printed)

Address: 560 Lions Club Mableton GA 30126 E-Mail:
Yaneth Medina

Address:

(representative's name, printed)

Phone #: 678.598.2913

E-Mail: yanethmedina12@gmail.com
(representative's signature)

Signed, sealed and delivered in presence of:

[Signature]
Notary Public



My commission expires: _____

Titleholder(s): Jireh Group LLC Phone:

(property owner's name printed)

Address: 560 Lions Club Mableton GA 30126

E-mail: jirehgroup25@gmail.com

[Signature]
(Property owner's signature)

560 Lions Club Drive SW

APPLICANT: Trejo Soccer Academy

REQUEST: To provide an update regarding the construction timeline and to request an extension.

PROPERTY LOCATION: 560 Lions Club Drive SW

PARCEL ID: 17010700080

ACREAGE: 2.327

DISTRICT: 4 Council Member Cassandra Brown

Elevation- March 2025



Rezoning Plat

560 Lions Club Drive

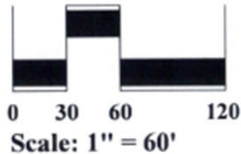
Cobb County, Georgia Land Lot 107, 17th District, 2nd Section

prepared for:

Mrs. Yaneth Medina



1635 Old Hwy 41
SUITE 112-314
KENNESAW, GA 30152
770-514-9006
DGMLPC.COM



Site Data

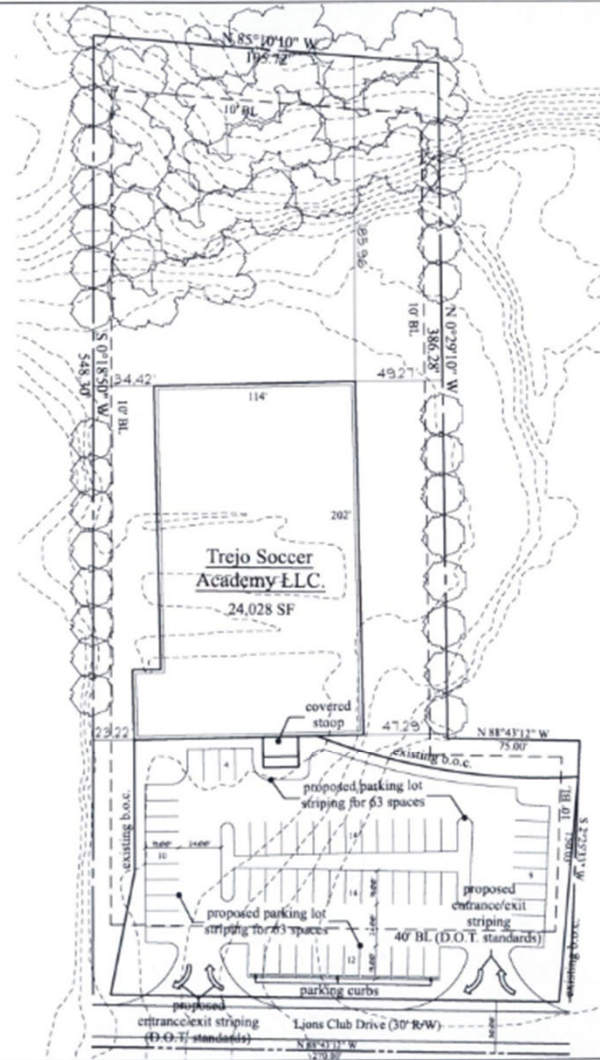
Proposed Commercial Indoor Recreation
Total Site Area: 2.71 AC (118,047 SF)
Present Zoning: LRO
Proposed Zoning: CRC

Impervious Surface Breakdown:

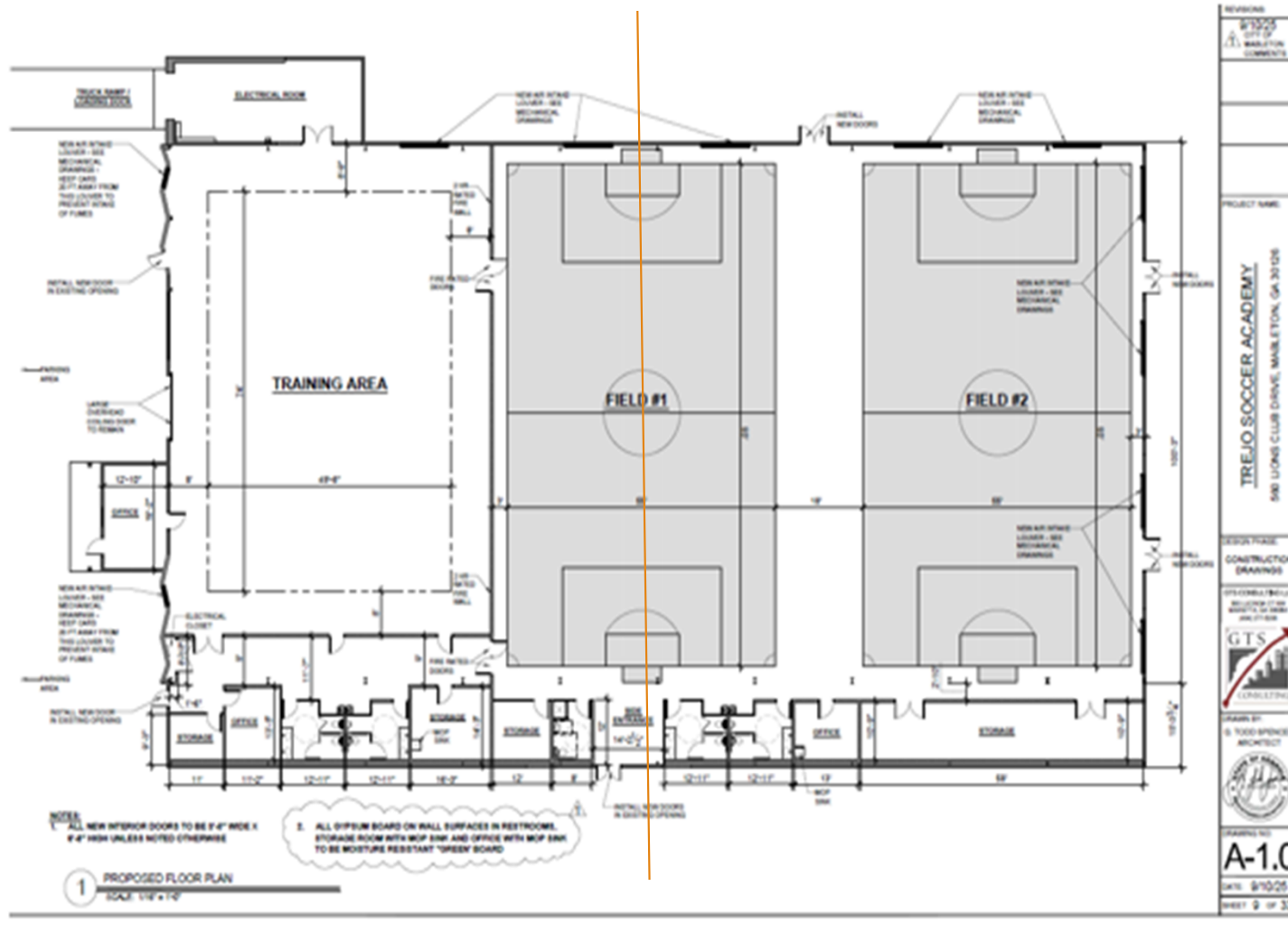
Asphalt Drive/Parking Lot:	34,507 SF
Building Footprint:	23,668 SF
Wall:	213 SF
Total Impervious Area:	58,388 SF (49.4% of total site area)

General Notes:

- Boundary from West Georgia Surveyors INC., dated August 31, 2009.
- Topographic information from Cherokee County GIS (shown at 2' intervals).
- According to Flood Insurance Rate Maps (FIRM) # 13067C0204G, dated June 7, 2019 this site does not contain floodplain.
- No cemeteries are known to exist on site.
- No Streams, lakes, and wetlands are known to exist on site and buffers have been provided accordingly.
- No archeological or architectural landmarks are known to exist on site.
- No utility easements are known to exist on site.



Site/Floor Plans



Background Information

Project Phase	Date	Description
Property Acquisition Delay	Prior to March 2025	The project experienced delays due to unforeseen complications involving the previous property owner, which affected the acquisition timeline.
Property Acquisition Completed	March 5, 2025	Trejo Soccer Academy successfully acquired the property located at 560 Lions Club Drive, Mableton.
Construction Drawings Submitted	August 29, 2025	Final construction drawings were completed and submitted to the City of Mableton for review.
Plan Revisions & Resubmittal	September 2025	Following discussions with City staff, plans were revised and resubmitted to address review comments and outstanding requirements.
County Agency Reviews	September 2025 – January 2026	Additional approvals were required from Cobb County Water and Cobb County Fire before building permits could be issued. Applications were submitted and processed accordingly.
Agency Approvals Received	January 2026	Required approvals from both Cobb County Water and Cobb County Fire were secured, allowing the project to move forward in the permitting process.
Coordination with City Resumed	February 2026	The applicant resumed active coordination with the City of Mableton and continued addressing remaining permit requirements.
Current Status	Present	The project team remains actively engaged in completing the permitting process and satisfying all remaining municipal and county requirements.

Proposed Development Details

Development Component	Design Specification
Total Site Area	2.71 Acres
Gross Building Footprint	24,028 Square Feet
Max Vertical Ridge Height	20 Feet above finished grade
Athletic Field Configuration	2 fields (55' x 93' each) utilizing synthetic turf over a soft mat underlayment
Parking	64 parking spaces (As approved and shown on the Site-plan)
Ventilation Infrastructure	Heavy-duty roof-mounted centrifugal down blast exhaust fans and wall-integrated intake louvers
Potable Water System	Commercial tankless condensing natural gas water heater integrated with an ASSE 1070 thermostatic mixing valve

Approved Zoning Petition (12/16/2024)

CONSENT AGENDA

MOTION: Motion by Cupid, second by Richardson, to **approve** the following cases on the Consent Agenda, *as revised*:

Z-65 **TREJO SOCCER ACADEMY, LLC** (Om Investments International Ltd., owner) requesting rezoning from **LRO** to **CRC** for a commercial indoor recreation facility and assembly in land lot 107 of the 17th district. Property is located on the north side of Lions Club Drive, north of Veterans Memorial Highway (560 Lions Club Drive). (*Previously continued by the Board of Commissioners (BOC) from the November 19, 2024, BOC Zoning hearing until December 17, 2024, BOC Zoning hearing*).

To **approve** Z-65 to the **CRC** zoning district, subject to:

1. Letter of agreeable conditions from Adam Rozen dated December 16, 2024 (attached and made a part of these minutes), with the following changes:
 - A. Item No. 3 – revise to read: “... construction shall be completed within one hundred eighty (180) days of approval of this Application.”
 - B. Item No. 4 – revise to include: “Trash and debris are to be cleared within 30 days of approval of this application.”; the other conditions and timeframes with stipulation #4 to remain the same
2. The building occupancy is not to exceed three persons per parking space
3. Maintain the 40-ft buffer to the rear of the property
4. This approval is for this Applicant and this Applicant *only*
5. Any other use, including *recreational*, must be approved by the District Commissioner

CONSENT AGENDA (CONT.)

Z-65 **TREJO SOCCER ACADEMY, LLC (CONT.)**

6. No building permits are to be issued before a *revised* Site Plan and Landscape Plan be submitted to the District Commissioner no later than January 15, 2025
7. The tractor trailer on the property is to be removed no later than January 15, 2025
8. All other Staff comments and recommendations, *not otherwise in conflict*

MOTION: Motion by Sheffield, second by Birrell, to **add** Z-65 to the Consent Agenda, *as previously read in*.

VOTE: **ADOPTED** 5-0 (Statements previously submitted by Commissioner Birrell and Commissioner Gambrell are attached and made a part of these minutes.)

CONSENT VOTE: **ADOPTED** 5-0 (Statements previously submitted by Commissioner Birrell and Commissioner Gambrell are attached and made a part of these minutes).

Letter of Agreeable Conditions

The referenced stipulations are as follows:

1. The revised stipulations and conditions set forth herein shall replace and supersede all prior stipulations and conditions where in conflict with the stipulations and conditions of this Application.
2. The granting of the requested rezoning from LRO to CRC for commercial indoor recreation similar to the Revised Site Plan attached hereto and incorporated herein and shall be for this Applicant or related entity only. Any other uses shall be subject to approval by the District Commissioner.
3. As soon as practicable following the approval of this Application, the Applicant shall begin the process to conduct the herein improvements and open for its intended business. The exterior and interior renovation and construction shall be completed within one hundred twenty (120) days of approval of this Application.
4. Within thirty (30) days of completion of the interior and exterior renovation/construction, the paved parking area shall be cleaned and cleared of trash and debris and overgrowth and will be sealed, with any holes repaired or additional paving provided where no longer existing or beyond repair within the parking area identified on the Revised Site Plan. The parking area shall also be striped for parking spaces, painted for directional arrows and installation of parking curbs/stops along Lions Club Drive to direct internal traffic maneuvering and to identify entrance and exit points. Such activity shall not be considered driveway modifications or redevelopment as referenced in the DOT comments.
5. Within thirty (30) days of completion of the interior and exterior renovation/construction, or if recommended otherwise by the County Arborist considering the appropriate seasons for planting, the planter and landscaping area(s) in the front of the building and to the west of the building in between the adjoining western boundary and the retaining wall, shall be landscaped in a manner consistent with a landscape plan to be submitted within thirty (30) days of completion of the exterior and interior renovation/construction. Such landscape plan shall be reviewed by a landscape review committee comprised of the MIC, the Applicant and District Commissioner, with final approval of the District Commissioner. The landscape plan shall give special attention to a plan that provides a mix of trees, shrubs and ground cover. In the event the County Arborist recommends delay in planting due to the constraints of the weather, the timeframes of this condition shall be extended to accommodate the additional recommended time.
6. Exterior renovations and improvements shall be made to the exterior of the building such as to clean, repair, replace and paint the exterior structure façade where rotting, cracked, chipped or damaged similar to the enclosed architectural rendering. Within ninety (90) days of approval, the Applicant shall provide a rendering of the proposed architecture to the front exterior to be reviewed by an architectural review committee composed of the

UPDATED TO 180 days of zoning approval (June 14, 2025)

UPDATED to trash and debris to be removed within 30 days of approval (January 15, 2025)

MIC, Applicant and District Commissioner with final approval by the District Commissioner. Such plans shall be drawn by a registered architect.

7. If the Applicant is not able to meet the time requirements of the Approval of this Application due to delays outside of its control, the Zoning Division Manager is permitted to grant extensions for additional time.
8. The existing loading dock ramp shall be filled and such area utilized for additional parking spaces. Such activity shall not be considered redevelopment.
9. There shall be no tractor trailers on site no later than January 15, 2025, except for those necessary to remove the contents of the building or deliver supplies for the implementing the Applicant's proposed commercial indoor recreation use. Thereafter there shall be no tractor trailer or other truck parking not related to the Applicant's operations or temporary construction activities.
10. All exterior and outdoor lighting shall be compliant with Cobb County Ordinances with an emphasis on ensuring all light is downcast and least intrusive to neighboring and adjoining properties.
11. The regular hours of operation shall be from 7 am to 12 am Monday through Sunday.
12. The granting of the following contemporaneous variances to reflect as-built site conditions:
 - a) Variances as identified in the Staff Analysis and Summary of the Applicant's Proposal section.
 - b) The required number of parking spaces shall be reduced from the minimum required amount, reflected as one hundred twenty-one (121) in the Staff Analysis, to sixty three (63) as reflected in the attached Revised Site Plan to accommodate the existing conditions.
13. Compliance with all Staff Recommendations from the current Staff Analysis where not otherwise in conflict.

PLANNING STAFF RECOMMENDATION

- 1. Applicant to Provide Update:** The applicant will provide an update during the council work session.
- 2. Project Completion Timeline:** A formal Certificate of Occupancy (CO) must be issued by the City of Mableton within twelve (12) months of this approval. Failure to secure a final CO within this timeframe will cause the property zoning to automatically revert to its previous historical classification.
- 3. Parking Area Restoration:** Within 180 days of finishing interior construction, the 63-space asphalt parking lot must be cleared of all debris, sealed, repaired, and striped according to the City of Mableton standards and parking regulations.