

SCHOOL OF CONSTRUCTION PRACTICE LAB BUILDING, UNIVERSITY OF LOUISIANA MONROE MONROE, LOUISIANA



ARCHITECT

TBA

103 CYPRESS STREET
WEST MONROE, LA 71291
PHONE: 318-340-1550

STATE PROJECT NO: 19-629-23-01 F.19002614
STATE ID: S08890 SITE CODE: 8-37-007

STATE OF LOUISIANA
JEFF LANDRY - GOVERNOR

DIVISION OF ADMINISTRATION
JAY DARDENNE - COMMISSIONER OF ADMINISTRATION

OFFICE OF FACILITY PLANNING AND CONTROL
MATT BAKER - DIRECTOR

ARCHITECT

TBA

103 CYPRESS STREET
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PHONE: 318-340-1550

CIVIL ENGINEER



AILLET, FENNER, JOLLY,
& MCCLELLAND INC.

AILLET, FENNER, JOLLY,
& McCLELLAND INC.
3003 KNIGHT ST, STE. #120
SHREVEPORT, LA 71150
TEL. 318.425.7452
FAX. 318.425.4622

MEP ENGINEER



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TEL. 318.425.7452
FAX. 318.425.4622

STRUCTURAL ENGINEER

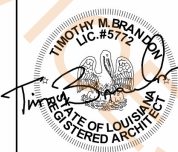


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SCHOOL OF CONSTRUCTION PRACTICE
LAB BUILDING, UNIVERSITY OF
LOUISIANA MONROE
507 Filhiol Ave, Monroe, LA 71203

DRAWING REVISIONS

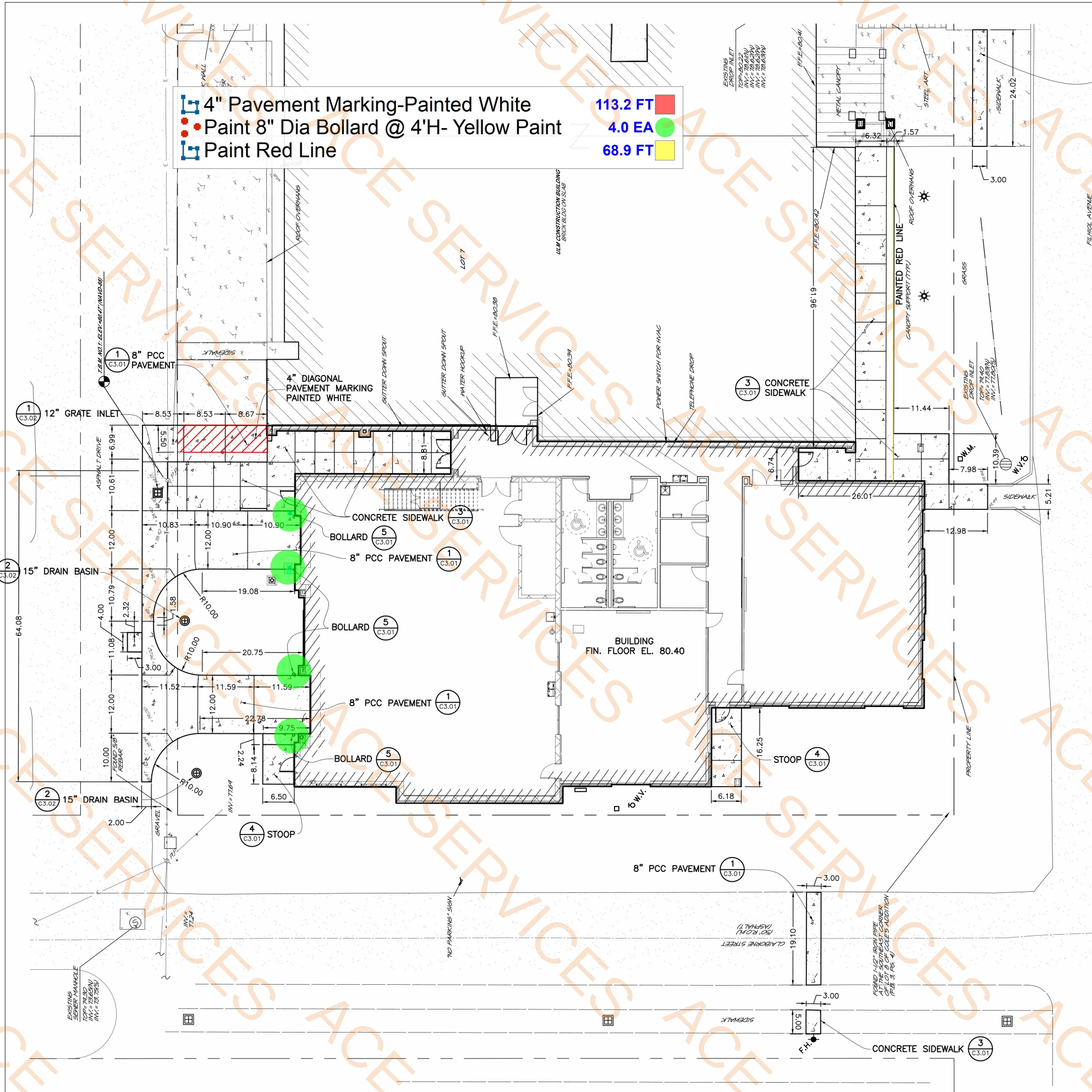
No.	Description	Date

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CHECKED BY: CW
SHEET

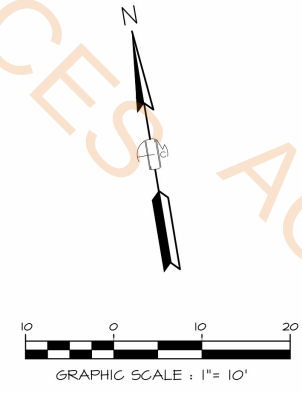
G1.01

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
COVER SHEET



- 4" Pavement Marking-Painted White
 - Paint 8" Dia Bollard @ 4'H- Yellow Paint
 - Paint Red Line
- 113.2 FT
4.0 EA
68.9 FT



LEGEND

	EXISTING	NEW	TO BE REMOVED
BUILDING	[Symbol]	[Symbol]	[Symbol]
ASPHALT SURFACE	[Symbol]	[Symbol]	[Symbol]
CONCRETE SURFACE	[Symbol]	[Symbol]	[Symbol]
CONCRETE CURB AND GUTTER	[Symbol]	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]	[Symbol]
WATER LINE	[Symbol]	[Symbol]	[Symbol]
GAS LINE	[Symbol]	[Symbol]	[Symbol]
STORM DRAIN	[Symbol]	[Symbol]	[Symbol]
SANITARY SEWER	[Symbol]	[Symbol]	[Symbol]
AERIAL POWER LINE	[Symbol]	[Symbol]	[Symbol]
CONTOURS	[Symbol]	[Symbol]	[Symbol]
SPOT ELEVATION	[Symbol]	[Symbol]	[Symbol]
TOP OF CURB AND GUTTER	[Symbol]	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]	[Symbol]
GAS METER	[Symbol]	[Symbol]	[Symbol]
GAS VALVE	[Symbol]	[Symbol]	[Symbol]
SIGN	[Symbol]	[Symbol]	[Symbol]
BOLLARD	[Symbol]	[Symbol]	[Symbol]
CLEAN OUT	[Symbol]	[Symbol]	[Symbol]
PHONE PEDESTAL	[Symbol]	[Symbol]	[Symbol]
POWER POLE	[Symbol]	[Symbol]	[Symbol]
GUY WIRE	[Symbol]	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]	[Symbol]
ELECTRIC PULL BOX	[Symbol]	[Symbol]	[Symbol]
DOWNSPOUT	[Symbol]	[Symbol]	[Symbol]
SANITARY SEWER MANHOLE	[Symbol]	[Symbol]	[Symbol]
GRATE INLET	[Symbol]	[Symbol]	[Symbol]
DRAINAGE BASIN	[Symbol]	[Symbol]	[Symbol]
SHRUBS OR FLOWERS	[Symbol]	[Symbol]	[Symbol]
TREE	[Symbol]	[Symbol]	[Symbol]

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507 Filhiol Ave, Monroe, LA 71203

DRAWING REVISIONS		
No.	Description	Date

DRAWN BY: ADF
CHECKED BY: MWS
SHEET

C2.01

Date: NOV 2025
Project No.: 24-0059
File Name:
DESCRIPTION:

GEOMETRIC SITE PLAN

MARK W. SNOW
License No. 24203
PROFESSIONAL ENGINEER
11/03/2025

CONSULTING ENGINEERS
3000 HWY 101, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7452 fax: 318-425-4622
www.AJ&J.com

ENGINEER: MARK W. SNOW, P.E.
LICENSE NO. 24203

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. 25-033

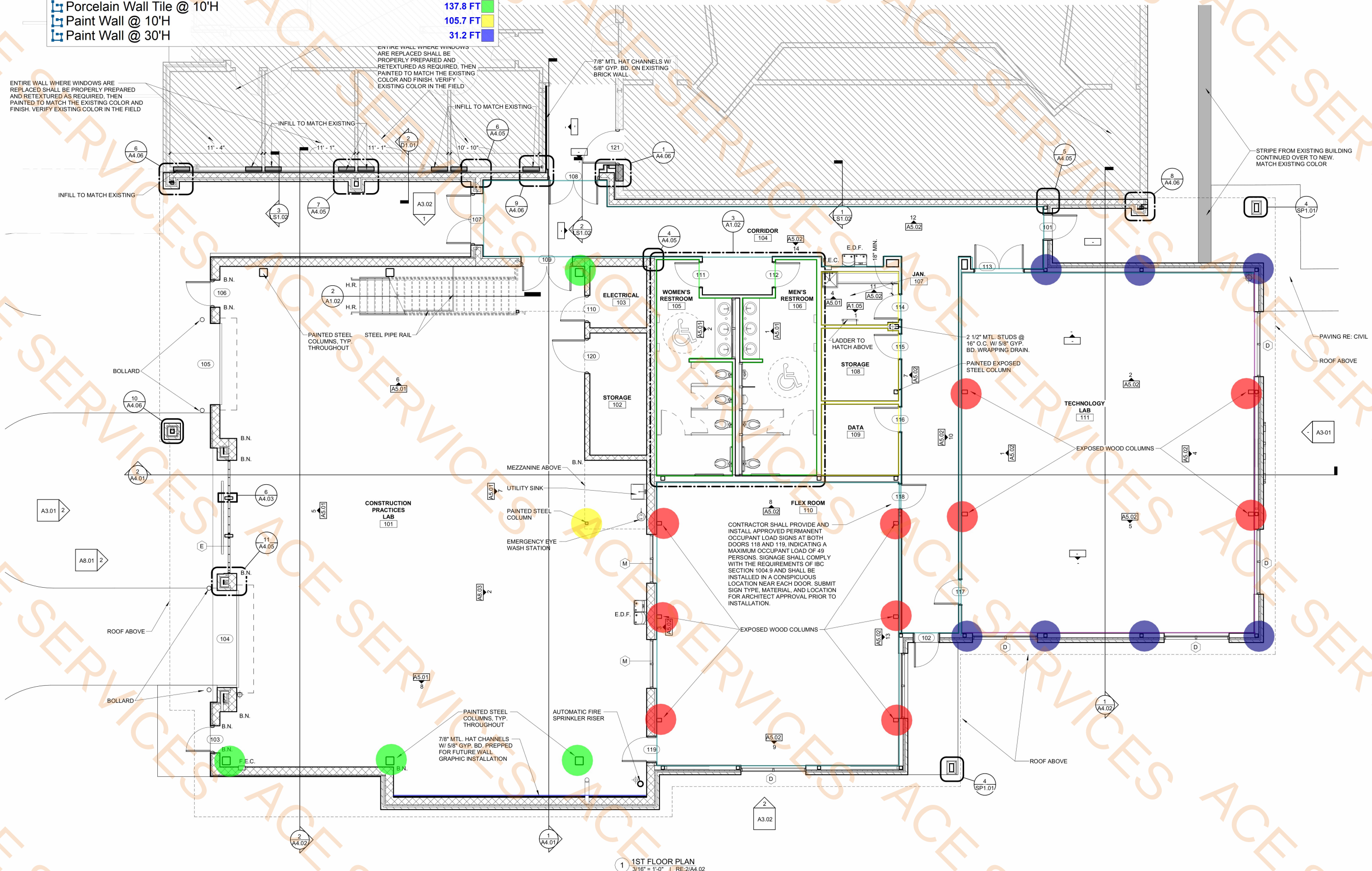
- Paint 12"X12" Steel Column @ 21'H
- Paint 4"x4" Column @ 12'H
- Paint 4"x4" Column @ 2'-6"H
- Paint Wall @ 11'-6"H
- Paint Wall @ 14'H
- Sealed And Stained 8"X6" Wood Columns @ 14'H
- Porcelain Wall Tile @ 10'H
- Paint Wall @ 10'H
- Paint Wall @ 30'H

- 4.0 EA
- 1.0 EA
- 7.0 EA
- 80.9 FT
- 466.5 FT
- 10.0 EA
- 137.8 FT
- 105.7 FT
- 31.2 FT

CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING BUILDING AND ALL ASSOCIATED MATERIALS, SYSTEMS, AND FINISHES DURING THE DEMOLITION AND CONSTRUCTION ACTIVITIES. ANY DAMAGE TO THE EXISTING STRUCTURE, MATERIALS, OR FINISHES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. ALL PROTECTION METHODS SHALL BE REVIEWED AND ACCEPTED BY THE ARCHITECT PRIOR TO BEGINNING WORK.

GENERAL NOTES

1. ALL EXPOSED STEEL COLUMNS, BEAMS, ETC. SHALL BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT.
2. SHOP DRAWINGS ARE REQUIRED FOR ALL METAL PANELS.
3. ALL EXPOSED WOOD COLUMNS AND BEAMS SHALL BE SEALED AND STAINED. STAIN TO BE SELECTED BY THE ARCHITECT.
4. CONTRACTOR SHALL VISIT JOB SITE AND VERIFY ALL EXISTING CONDITIONS AFFECTING THIS PROJECT.
5. ALL INTERIOR WALLS SHALL BE INSULATED W/ UNFACED BATT INSULATION.
6. ALL BLOCK WALL CORNER SHALL BE BULLNOSE BLOCK.
7. PROVIDE CORNER GUARDS AT ALL GYP. BD. CORNERS. REFERENCE SPEC.



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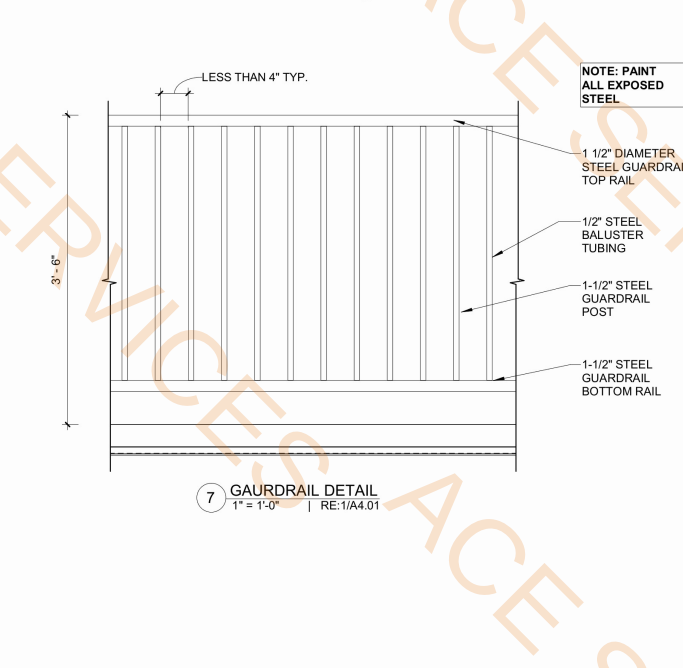
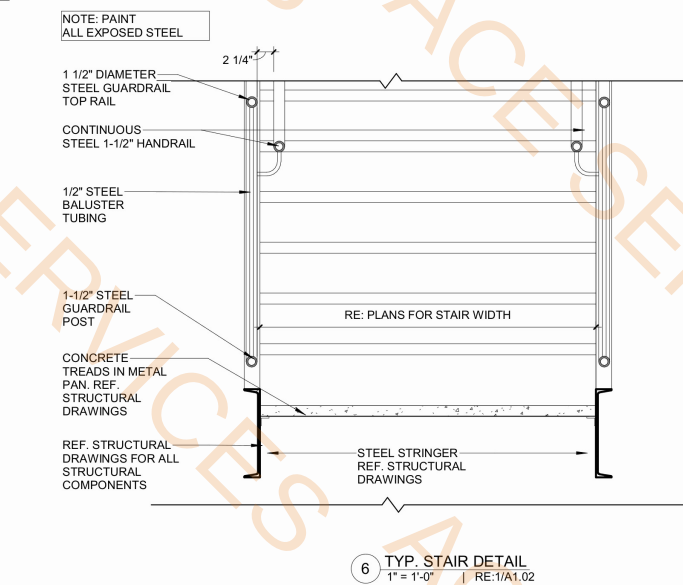
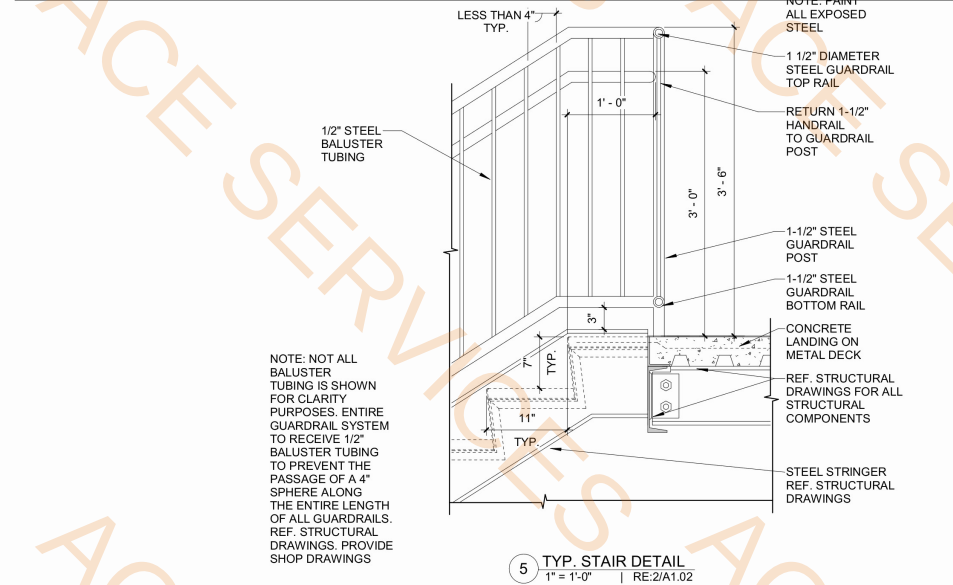
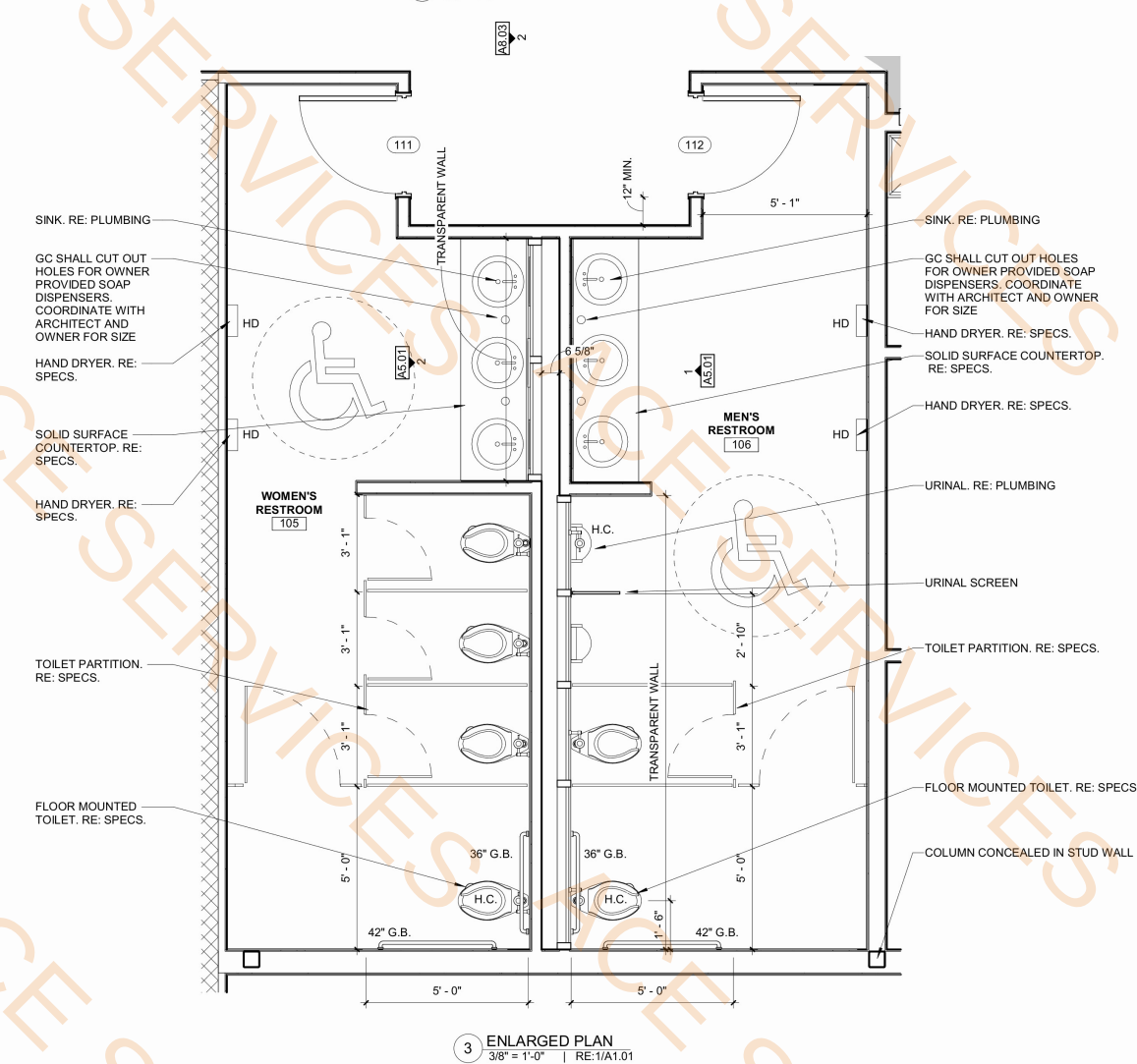
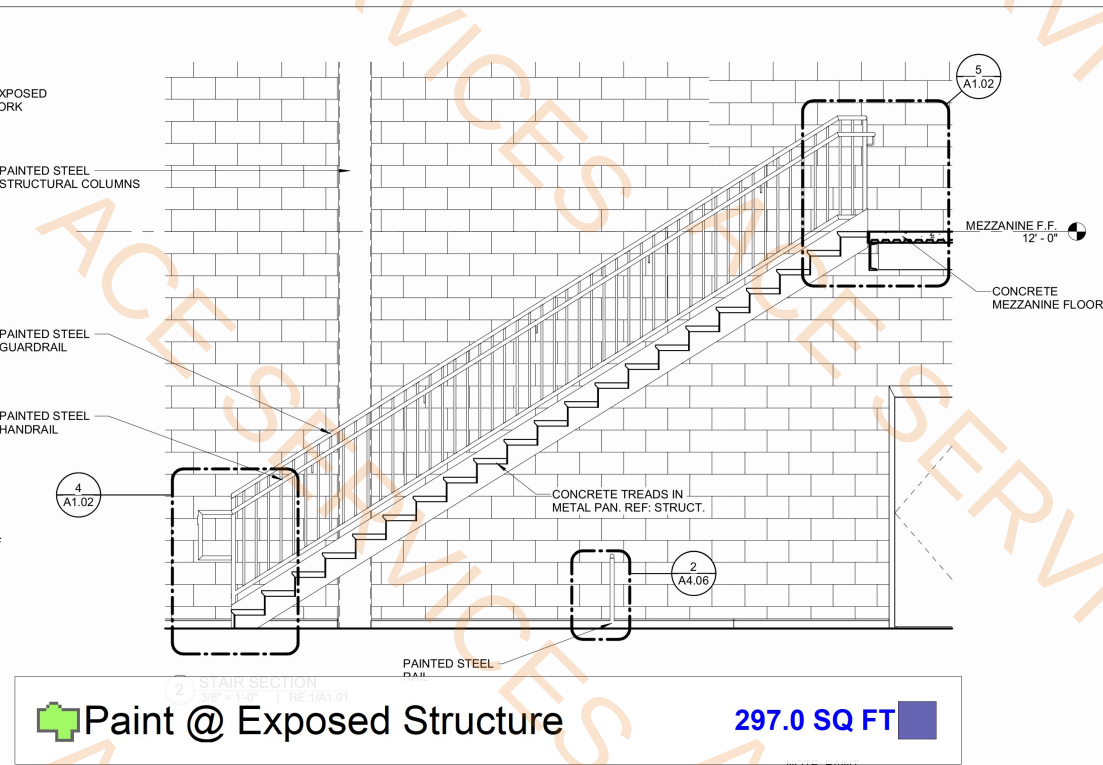
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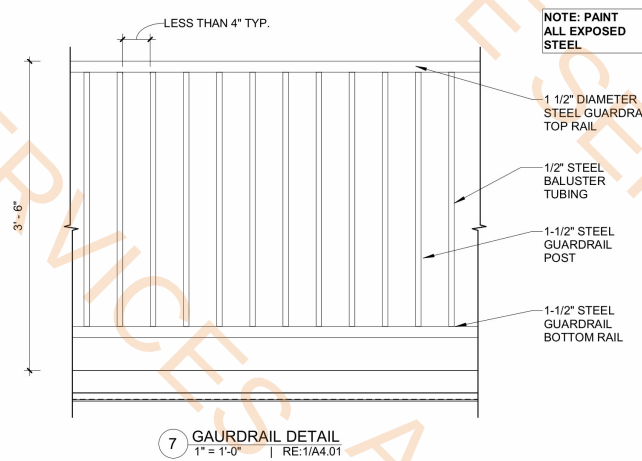
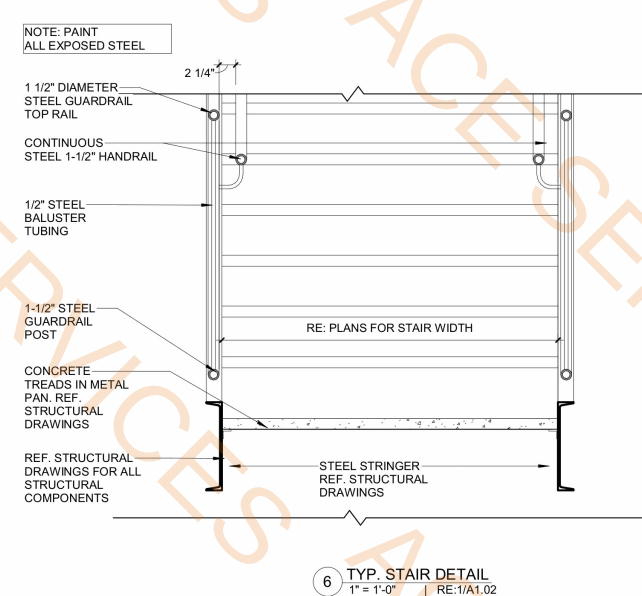
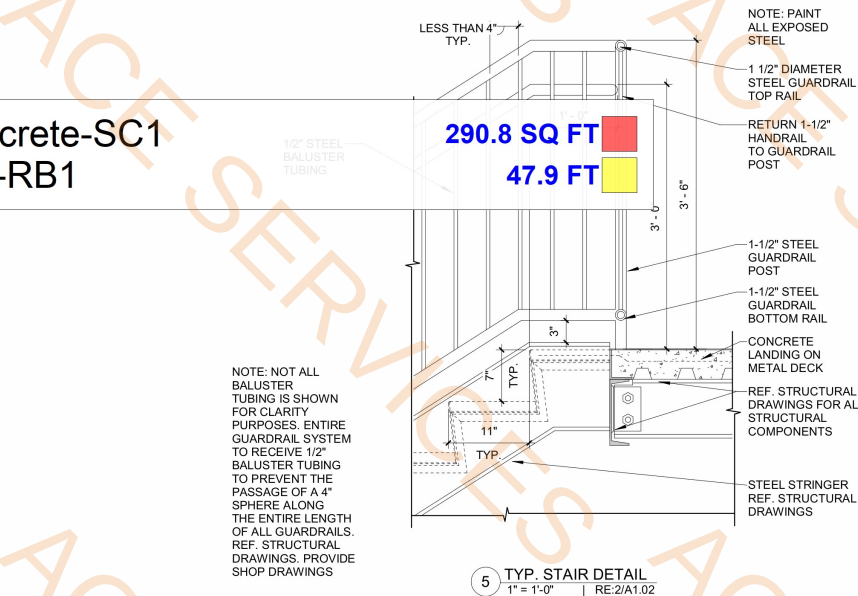
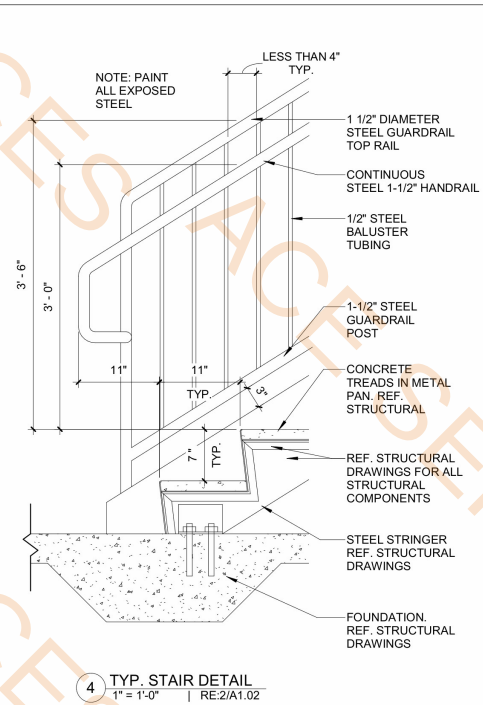
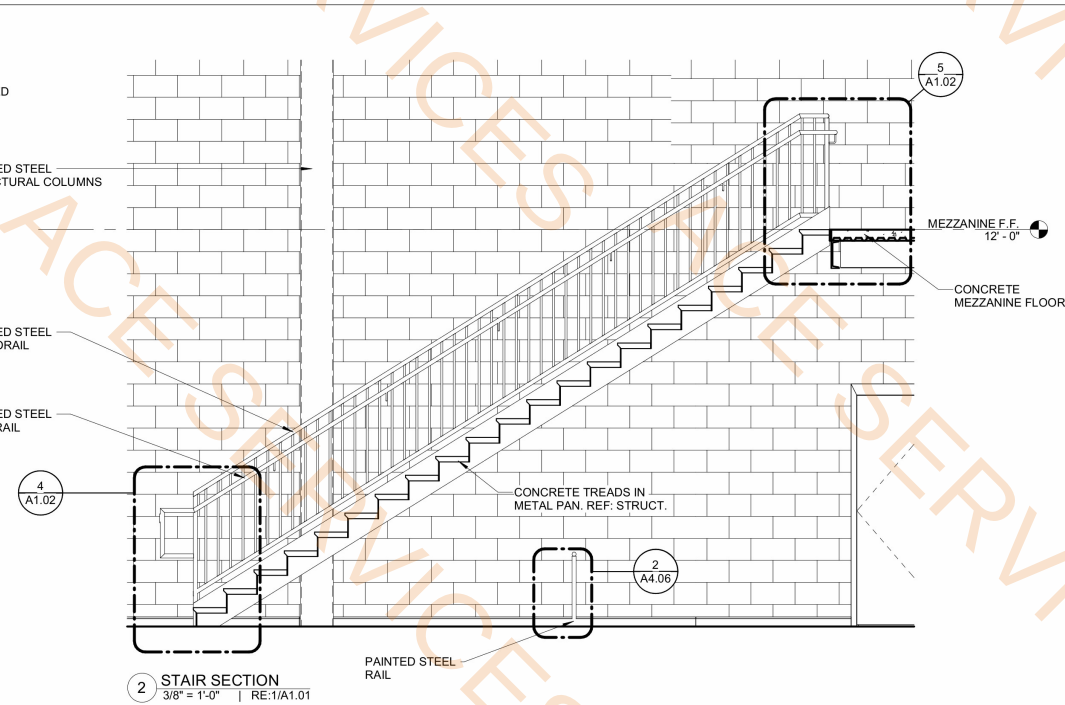
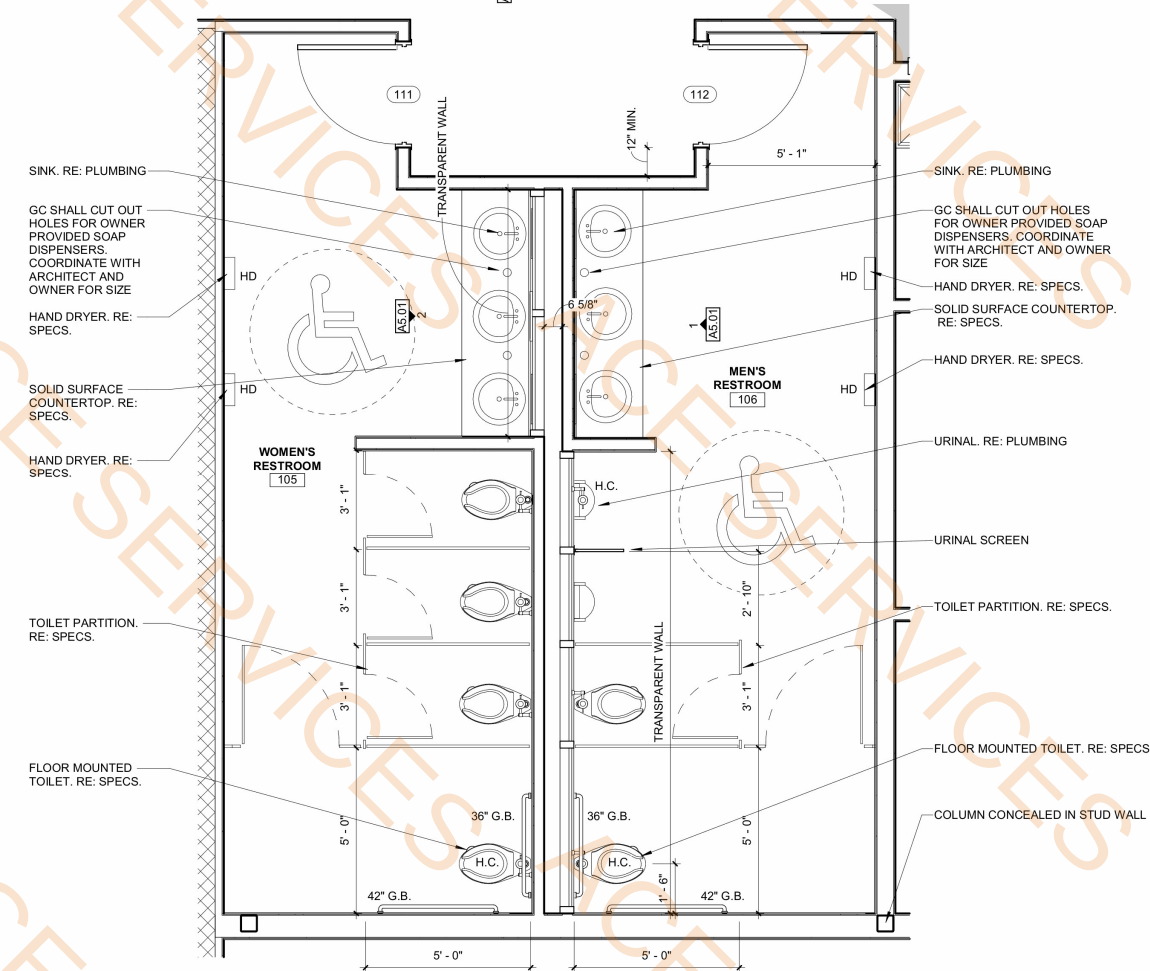
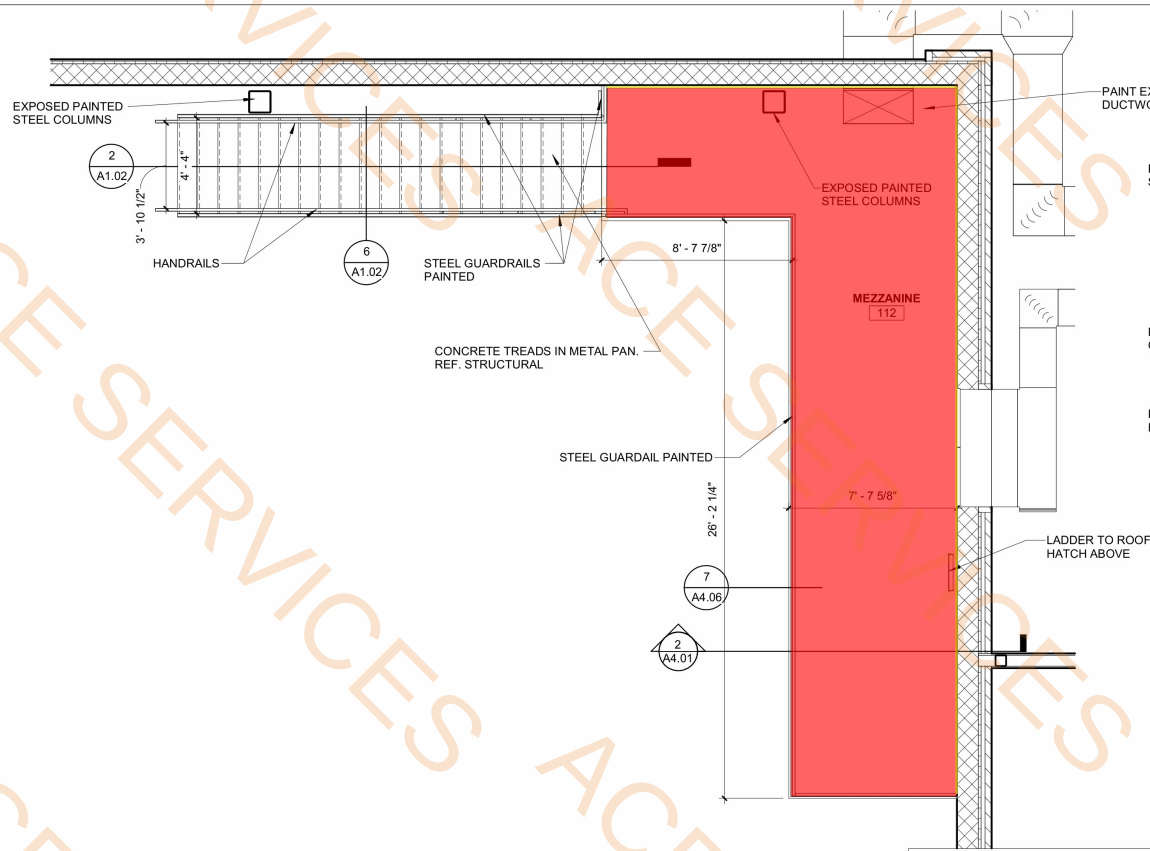
No.	Description	Date

DRAWN BY: KB, MU
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SHEET

A1.01

Date: NOV 2025
Project No.: 24-0059
File Name:
DESCRIPTION:
1ST FLOOR PLAN





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TIMOTHY M. BRANDON
REGISTERED ARCHITECT
STATE OF LOUISIANA
NO. 5712

SCHOOL OF CONSTRUCTION PRACTICE
LAB BUILDING, UNIVERSITY OF
LOUISIANA MONROE

507 Filhiol Ave, Monroe, LA 71203

DRAWING REVISIONS		
No.	Description	Date

DRAWN BY: KB, MU

CHECKED BY: CW

SHEET

A1.02

Date: NOV 2025

Project No.: 24-0059

File Name:

DESCRIPTION:
MEZZANINE FLOOR
PLAN, ENLARGED
PLAN & DETAILS

Paint @ Plaster System
Paint 6"X12" Steel Colimn @ 13'-6"H

841.6 SQ FT
2.0 EA

LEGEND

	PRE-FINISHED 12" METAL FLUSH PANELS		FACE BRICK, MATCH EXISTING
	PLASTER SYSTEM		

- GENERAL NOTES**
- SEE ELECTRICAL FOR ALL EXTERIOR LIGHT FIXTURE LOCATIONS.
 - THE CONTRACTOR SHALL VERIFY ALL EXTERIOR MATERIAL TRANSITIONS AND ENSURE PROPER ALIGNMENT AND INSTALLATION PER THE APPROVED DRAWINGS.
 - ALL EXTERIOR CLADDING, INCLUDING MASONRY, STUCCO, METAL PANELS, AND SIDING, SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL COORDINATE ALL EXTERIOR PENETRATIONS, INCLUDING ELECTRICAL, MECHANICAL, AND PLUMBING COMPONENTS, TO ENSURE PROPER INTEGRATION WITH THE FAÇADE.
 - FLASHING AND WATERPROOFING DETAILS AROUND WINDOWS, DOORS, AND OTHER OPENINGS MUST BE INSTALLED PER APPROVED DETAILS AND SHOP DRAWINGS.
 - ALL EXPOSED FASTENERS, EXPANSION JOINTS, AND TRIM PIECES MUST BE INSTALLED PER THE DESIGN INTENT AND PROJECT SPECIFICATIONS.
 - EXTERIOR FINISHES SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE AND SHALL BE CLEANED PRIOR TO PROJECT COMPLETION.
 - THE CONTRACTOR SHALL ENSURE PROPER INSTALLATION OF EXTERIOR SUNSHADES, CANOPIES, AND DECORATIVE ELEMENTS IN COORDINATION WITH STRUCTURAL SUPPORTS.
 - SEALANT JOINTS MUST BE INSTALLED PER THE DETAILS AND SPECIFICATIONS, WITH PROPER BACKER RODS AND JOINT PREPARATION.
 - FINAL EXTERIOR FAÇADE INSPECTION SHALL BE CONDUCTED WITH THE DESIGN TEAM PRIOR TO PROJECT COMPLETION.
 - SHOP DRAWING SHALL BE PROVIDED FOR ALL METAL PANEL LAYOUTS.
 - ALL EXTERIOR SIGNAGE MUST BE MOCKED UP ON ON THE BUILDING AND GET APPROVAL FROM ARCHITECT AND OWNER BEFORE INSTALLATION.

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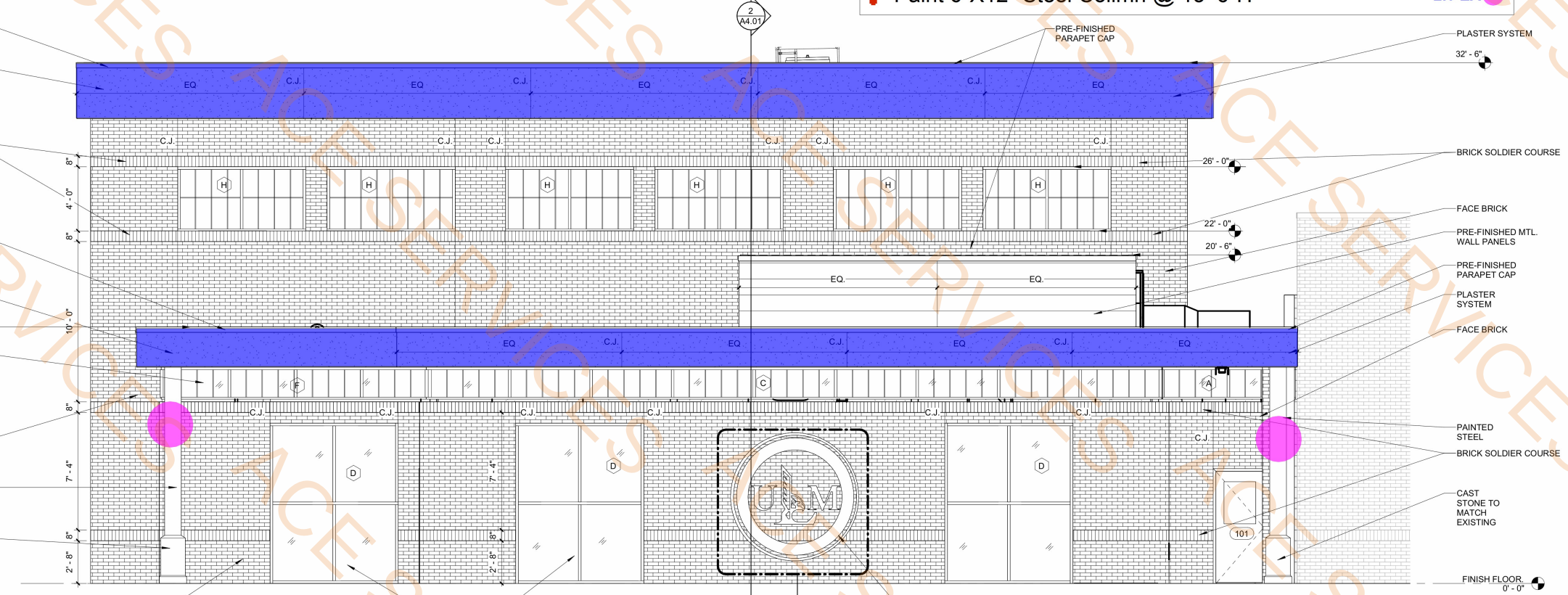
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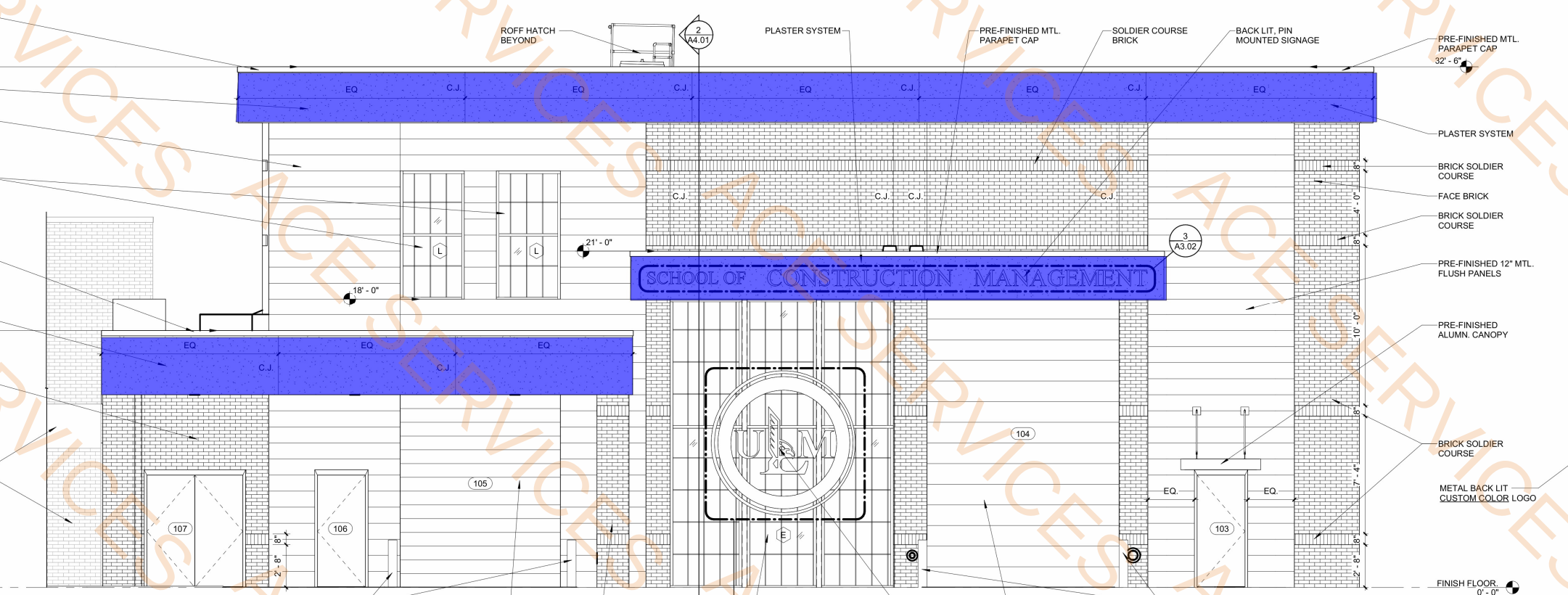
A3.01

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
EXTERIOR ELEVATIONS



1 EAST ELEVATION
1/4" = 1'-0" RE:1/A1.01



2 WEST ELEVATION
1/4" = 1'-0" RE:1/A1.01

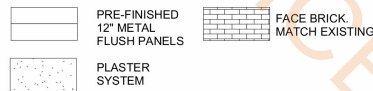


3 ENLARGED SIGNAGE
1/2" = 1'-0" RE:1/A3.01



4 ENLARGED SIGNAGE
1/2" = 1'-0" RE:K/A2.03

LEGEND



GENERAL NOTES

1. SEE ELECTRICAL FOR ALL EXTERIOR LIGHT FIXTURE LOCATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL EXTERIOR MATERIAL TRANSITIONS AND ENSURE PROPER ALIGNMENT AND INSTALLATION PER THE APPROVED DRAWINGS.
3. ALL EXTERIOR GLAZINGS, INCLUDING MASONRY, STUCCO, METAL PANELS, AND SIDING, SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS AND SPECIFICATIONS.
4. THE CONTRACTOR SHALL COORDINATE ALL EXTERIOR PENETRATIONS, INCLUDING ELECTRICAL, MECHANICAL, AND PLUMBING COMPONENTS, TO ENSURE PROPER INTEGRATION WITH THE FAÇADE.
5. FLASHING AND WATERPROOFING DETAILS AROUND WINDOWS, DOORS, AND OTHER OPENINGS MUST BE INSTALLED PER APPROVED DETAILS AND SHOP DRAWINGS.
6. ALL EXPOSED FASTENERS, EXPANSION JOINTS, AND TRIM PIECES MUST BE INSTALLED PER THE DESIGN INTENT AND PROJECT SPECIFICATIONS.
7. EXTERIOR FINISHES SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE AND SHALL BE CLEANED PRIOR TO PROJECT COMPLETION.
8. THE CONTRACTOR SHALL ENSURE PROPER INSTALLATION OF EXTERIOR SUNSHADES, CANOPIES, AND DECORATIVE ELEMENTS IN COORDINATION WITH STRUCTURAL SUPPORTS.
9. SEALANT JOINTS MUST BE INSTALLED PER THE DETAILS AND SPECIFICATIONS, WITH PROPER BACKER RODS AND JOINT PREPARATION.
10. FINAL EXTERIOR FAÇADE INSPECTION SHALL BE CONDUCTED WITH THE DESIGN TEAM PRIOR TO PROJECT COMPLETION.
11. SHOP DRAWING SHALL BE PROVIDED FOR ALL METAL PANEL LAYOUTS.
12. ALL EXTERIOR SIGNAGE MUST BE MOCKED UP ON ON THE BUILDING AND GET APPROVAL FROM ARCHITECT AND OWNER BEFORE INSTALLATION.

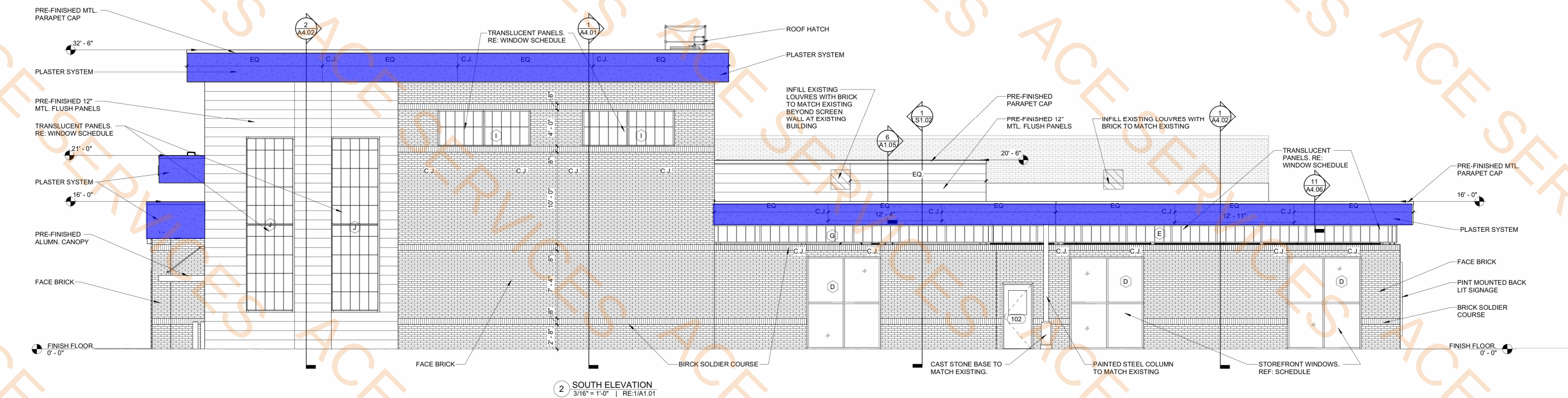
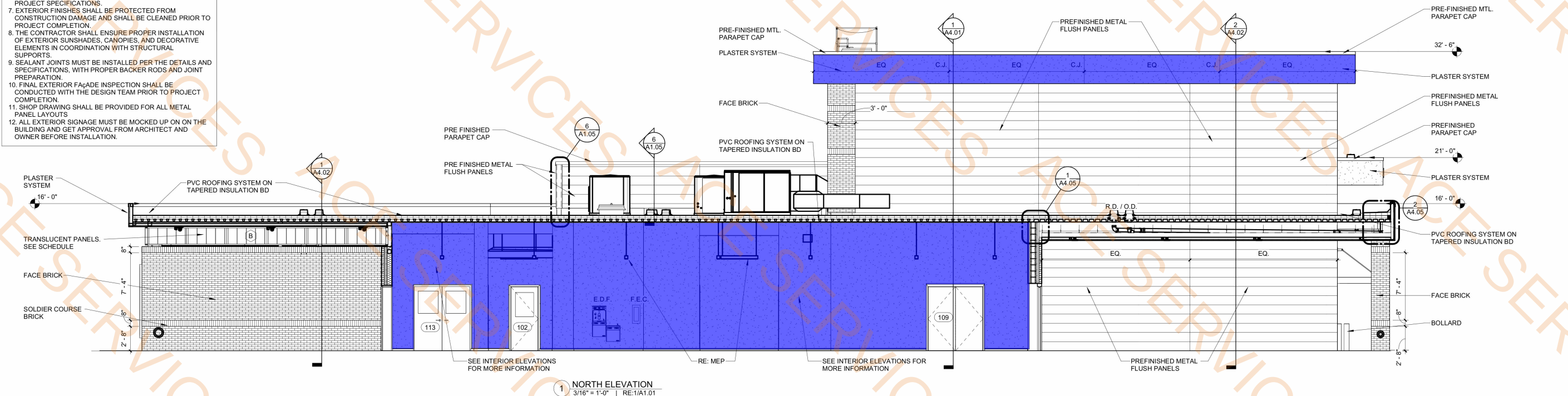
Paint @ Plaster System

1419.4 SQ FT

BACK LIT, PIN MOUNTED SIGNAGE

MATCH EXISTING FONT ON FRONT OF SCHOOL

SCHOOL OF CONSTRUCTION MANAGEMENT

3 ENLARGED SIGNAGE
1/2" = 1'-0" | RE:2/A3.01

DRAWING REVISIONS

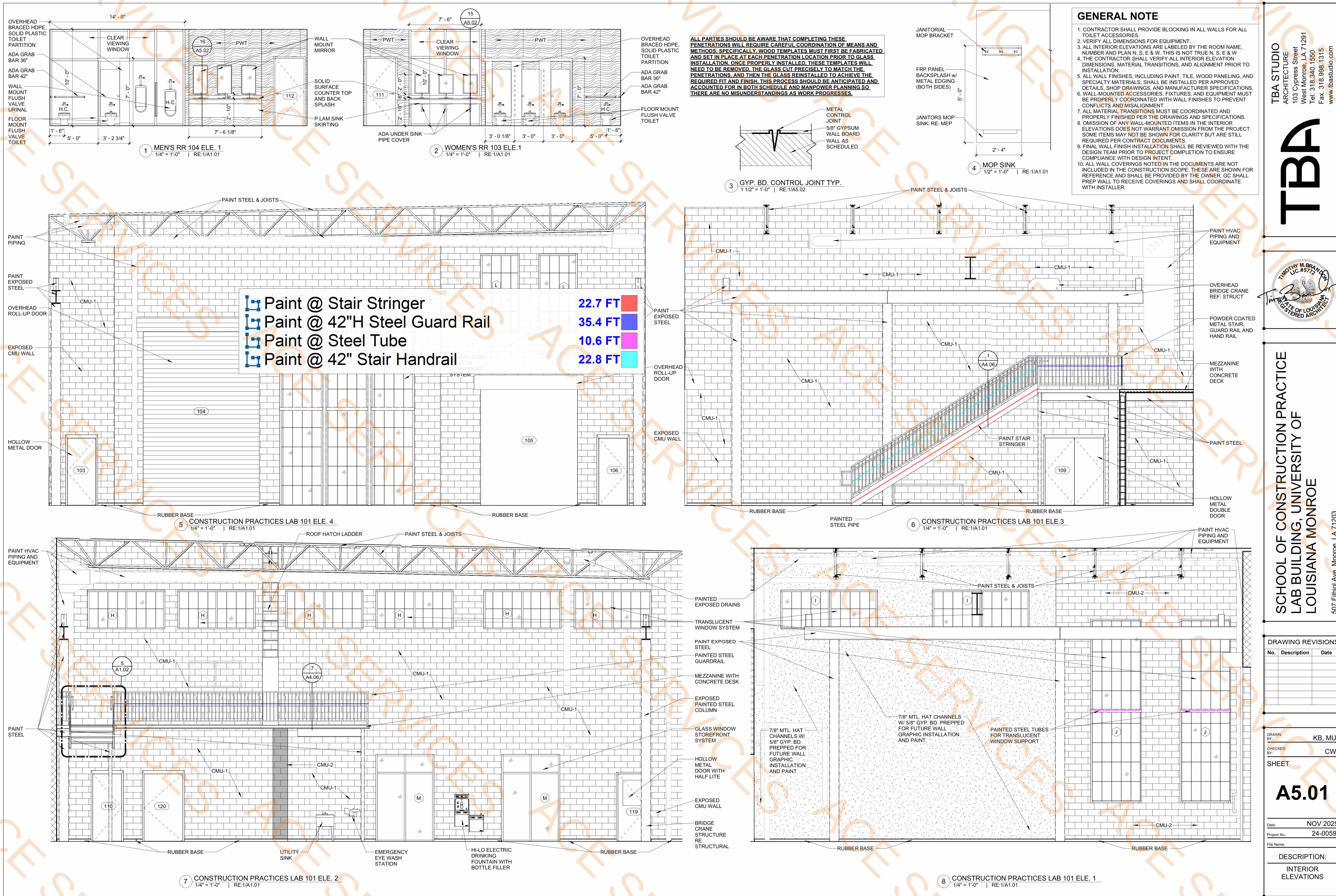
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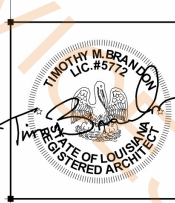
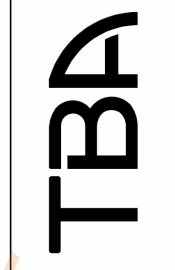
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Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
EXTERIOR
ELEVATIONS



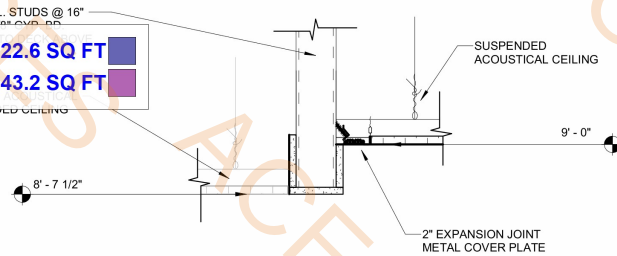
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507 Filhol Ave, Monroe, LA 71203

- Paint @ Exposed Structure
Paint @ Plaster Ceiling

3 5/8" MTL. STUDS @ 16"
O.C. W/ 5/8" GYP. BD.
6822.6 SQ FT
1343.2 SQ FT



2 ENLARGED DETAIL
1 1/2" = 1'-0" RE:1/A4.01

COLOR CODE CHART

1. ALL EXPOSED CONDUIT, PIPING, AND RELATED ACCESSORIES SHALL BE PAINTED TO MATCH THE COLOR DESIGNATIONS INDICATED IN THE LEGEND FOR SYSTEM IDENTIFICATION. COLOR CODING SHALL BE CONTINUOUS AND CLEARLY VISIBLE THROUGHOUT ALL ACCESSIBLE AREAS. WHERE FACTORY COLOR IS NOT PROVIDED, THE CONTRACTOR SHALL FIELD-APPLY PAINT IN ACCORDANCE WITH THE LEGEND. STICKER FOR EAHQ DIFFERENT TYPE OF SYSTEM SHALL BE PROVIDED ON THE VISIBLE PIPES AS WELL.
1. FIRE ALARM = MAROON
 2. POWER = RED
 3. DATA / WIFI = ORANGE
 4. HOT WATER = RED
 5. COLD WATER = BLUE
 6. REFRIGERANT PIPING = SILVER OR WHITE
 7. STORM = GREEN
 8. WASTE = BROWN
 9. VENT = GRAY OR CLEARLY LABELED
 10. GAS PIPING = YELLOW

CEILING MATERIAL LEGEND

- 2'-0" x 2'-0" CEILING TILES AND SUSPENDED METAL GRID ACT 1
- 2' X 2' MOISTURE RESISTANT ACOUSTICAL CEILING TILE - SEE SPECIFICATIONS ACT 2
- X'-X" CEILING HEIGHT
1. THE REFLECTED CEILING PLAN DRAWING INDICATES CEILING FINISHES AND HEIGHTS. SEE ELECTRICAL DRAWINGS FOR ALL LIGHTINGS AND CEILING MOUNTED DEVICES WHICH SHALL BE COUNTED AND INSTALLED PER THE ELECTRICAL DRAWINGS. ALL SUSPENDED ACOUSTIC CEILING IN CORRIDORS SHALL HAVE HOLD DOWN CLIPS. SEE THE FINISH SCHEDULE FOR MORE INFORMATION ON THE SPECIFIC TYPE OF CEILING TILES AND FINISHES FOR EACH INDIVIDUAL ROOM.
 2. THE ARCHITECT MAINTAINS THE RIGHT TO SELECT LIGHT FIXTURE, ELECTRICAL SWITCH, OUTLET, AND ALL COVER PLATES COLOR. IF THE COLOR IS INCLUDED IN THE ELECTRICAL SPECIFICATIONS OR THE SUBMITTAL, AND APPROVED BY THE ELECTRICAL ENGINEER, THE ARCHITECT SHALL STILL APPROVE ALL COLORS BEFORE THAT SUBMITTAL ITEM IS CONSIDERED OFFICIAL.
 3. ALL EXPOSED STEEL, CONDUIT, PIPING, DUCTWORK, HANGERS, SUPPORTS, AND RELATED COMPONENTS LOCATED ABOVE CEILING AND/OR IN EXPOSED CEILING AREAS SHALL BE CLEANED, PREPED, AND PAINTED WITH A UNIFORM FINISH IN A COLOR SELECTED BY THE ARCHITECT.
 4. ALL EXPOSED ACOUSTICAL ROOF DECK SHALL BE SHOP PRIMED WHITE AND FIELD PAINTED WITH FINISH COATS AS REQUIRED. FIELD PAINT TO BE COORDINATED WITH FINAL COLOR SELECTIONS.
 5. WHERE ANY METAL DECK IS EXPOSED, FASTENER HEADS SHALL BE COLOR-MATCHED TO DECK, UNIFORMLY SPACED, AND SHALL NOT PENETRATE DECK MORE THAN REQUIRED FOR SECURE ATTACHMENT.

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DRAWING REVISIONS

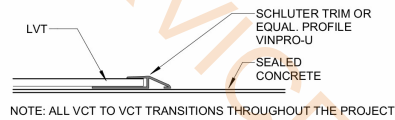
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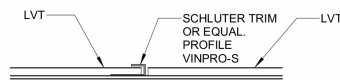
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Date: NOV 2025
Project No.: 24-0059
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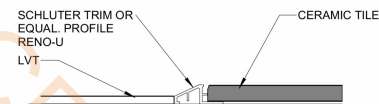
DESCRIPTION:
REFLECTED
CEILING PLAN



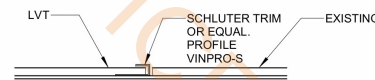
2 LVT @ SEALED CONCRETE
6" = 1'-0" | RE:1/A7.01



3 LVT @ LVT
6" = 1'-0" | RE:1/A7.01



4 LVT @ CERAMIC TILE @ RESTROOM LOCATIONS
6" = 1'-0" | RE:1/A7.01



5 LVT @ EXISTING
6" = 1'-0" | RE:1/A7.01

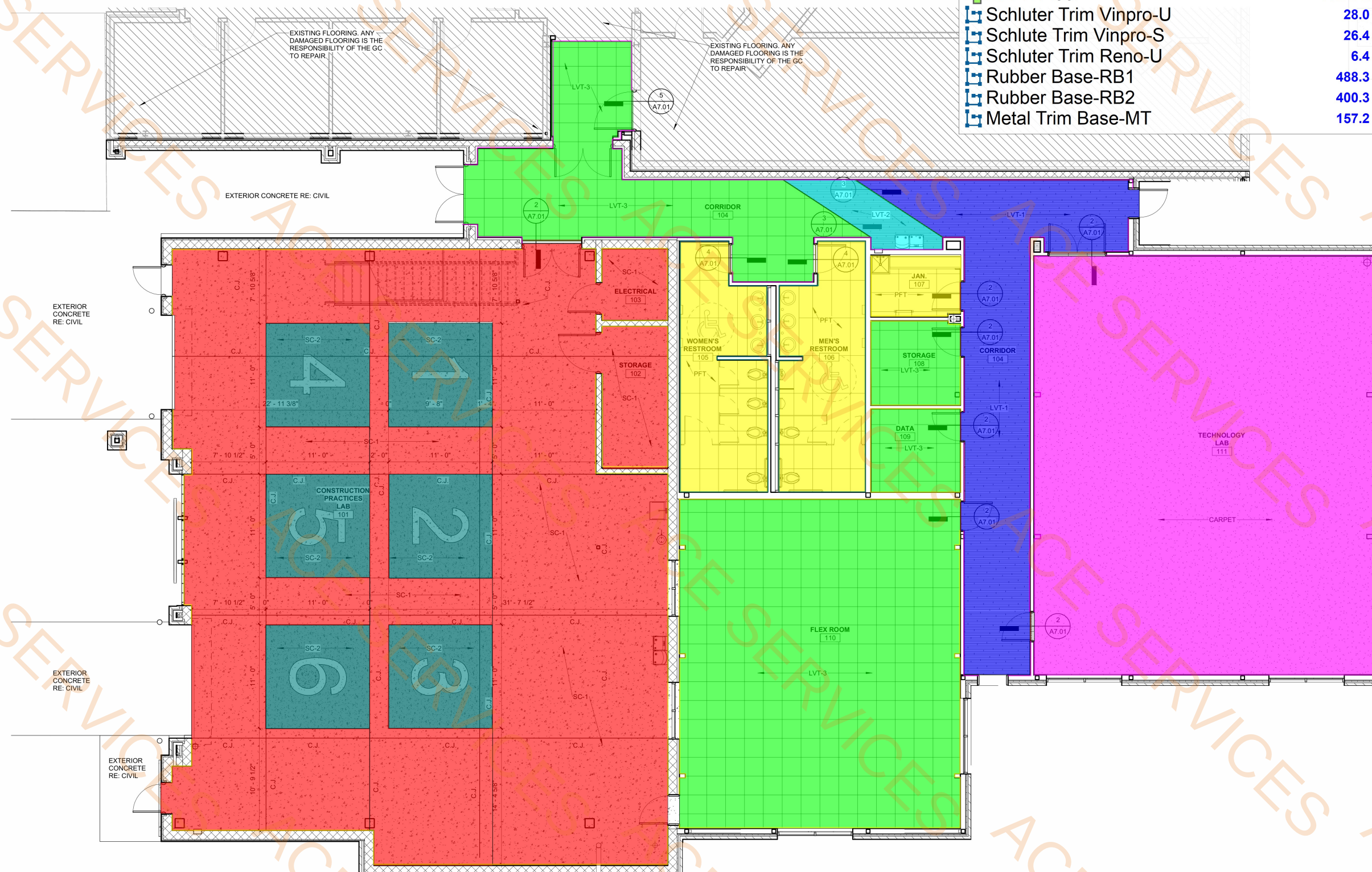
GENERAL NOTES

1. ALL EXPOSED CONCRETE SHALL RECEIVE STAIN, SEALER, AND POLISHING. CONTRACTOR SHALL PROTECT ALL AREAS OF CONCRETE DURING CONSTRUCTION, AS THIS SURFACE

FLOOR PLAN LEGEND

Polished Concrete-SC2	729.6 SQ FT
Polished Concrete-SC1	2567.1 SQ FT
LVT-3 Floor	1629.5 SQ FT
Porcelain Floor Tile	511.1 SQ FT
LVT-1 Floor	491.5 SQ FT
Carpet Tile-CPT 1	1599.4 SQ FT
LVT-2 Floor	56.9 SQ FT
Schluter Trim Vinpro-U	28.0 FT
Schlute Trim Vinpro-S	26.4 FT
Schluter Trim Reno-U	6.4 FT
Rubber Base-RB1	488.3 FT
Rubber Base-RB2	400.3 FT
Metal Trim Base-MT	157.2 FT

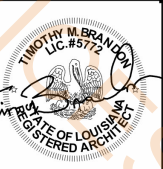
SC-1 - STAINED FULL AGGREGATE CONCRETE COLOR 1
SC-2 - STAINED FULL AGGREGATE CONCRETE COLOR 2
LVT-1 - LUXURY VINYL TILE
LVT-2 - LUXURY VINYL TILE
LVT-3 - LUXURY VINYL TILE
PFT - PORCELAIN FLOOR TILE
CPT-1 - CARPET TILE



1 FLOOR PATTERN PLAN
3/16" = 1'-0" | RE:2/A4.02

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507 Filhiol Ave, Monroe, LA 71203

DRAWING REVISIONS

No.	Description	Date

DRAWN BY: KB, MU
CHECKED BY: CW
SHEET

A7.01

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
FLOOR PATTERN
PLAN

MECHANICAL NOTES: ○

1. PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED EXHAUST HOOD EQUAL TO GREENHECK GRSR (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. PROVIDE FULL SIZE INSULATED DUCT EXTENSION. EXTEND AND CONNECT EACH EXHAUST BRANCH DUCT AS INDICATED.
2. ROUTE EXPOSED DUCT SYSTEMS SECURE AND HIGH AS PRACTICAL IN NEAT MANNER PERPENDICULAR OR PARALLEL TO ADJACENT BUILDING SYSTEM COMPONENTS. COORDINATE WITH ALL OTHER BUILDING SYSTEMS (I.E. STRUCTURAL, LIGHTING, ETC.) AS NEEDED PRIOR TO ROUGH-IN AND INSTALLATION. INTERIOR EXPOSED DUCTWORK SHALL BE PAINT-GRIP, DOUBLE WALL SPIRAL ROUND. PAINT TO MATCH ADJACENT INTERIOR FINISH OR AS DIRECTED BY ARCHITECT.
3. UNDER BASE BID, PROVIDE DELTA DIRECT DIGITAL BAS CONTROLS SYSTEM. ALL NEW HVAC EQUIPMENT TO INCLUDE BACNET INTERFACE CONTROLLERS. SYSTEM SHALL BE EXPANDABLE FOR FUTURE SITE EQUIPMENT INTEGRATION.
4. PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED INTAKE HOOD EQUAL TO GREENHECK GRSI (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. FLASH AND SEAL WEATHERPROOF INTO ROOF WEATHERPROOF. PROVIDE FULL SIZE INSULATED OUTSIDE AIR INTAKE DUCT AS INDICATED. COORDINATE INSTALLATION AND OPENING WITH ROOFING AND STRUCTURE AS REQUIRED. BALANCE OUTSIDE AIR DUCT BRANCH (6"Ø) TO AIRFLOW VALUE OF 75CFM.

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DRAWING REVISIONS		
No.	Description	Date

DRAWN BY: CDR
CHECKED BY: RHB
SHEET

M2.01

Date: NOV 2025
Project No.: 24-0059
File Name:
DESCRIPTION:
MECHANICAL PLAN



ROGER H. BARNES
License No. 35843
Professional Engineer
11.03.25



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Paint @ 31"Dia Duct



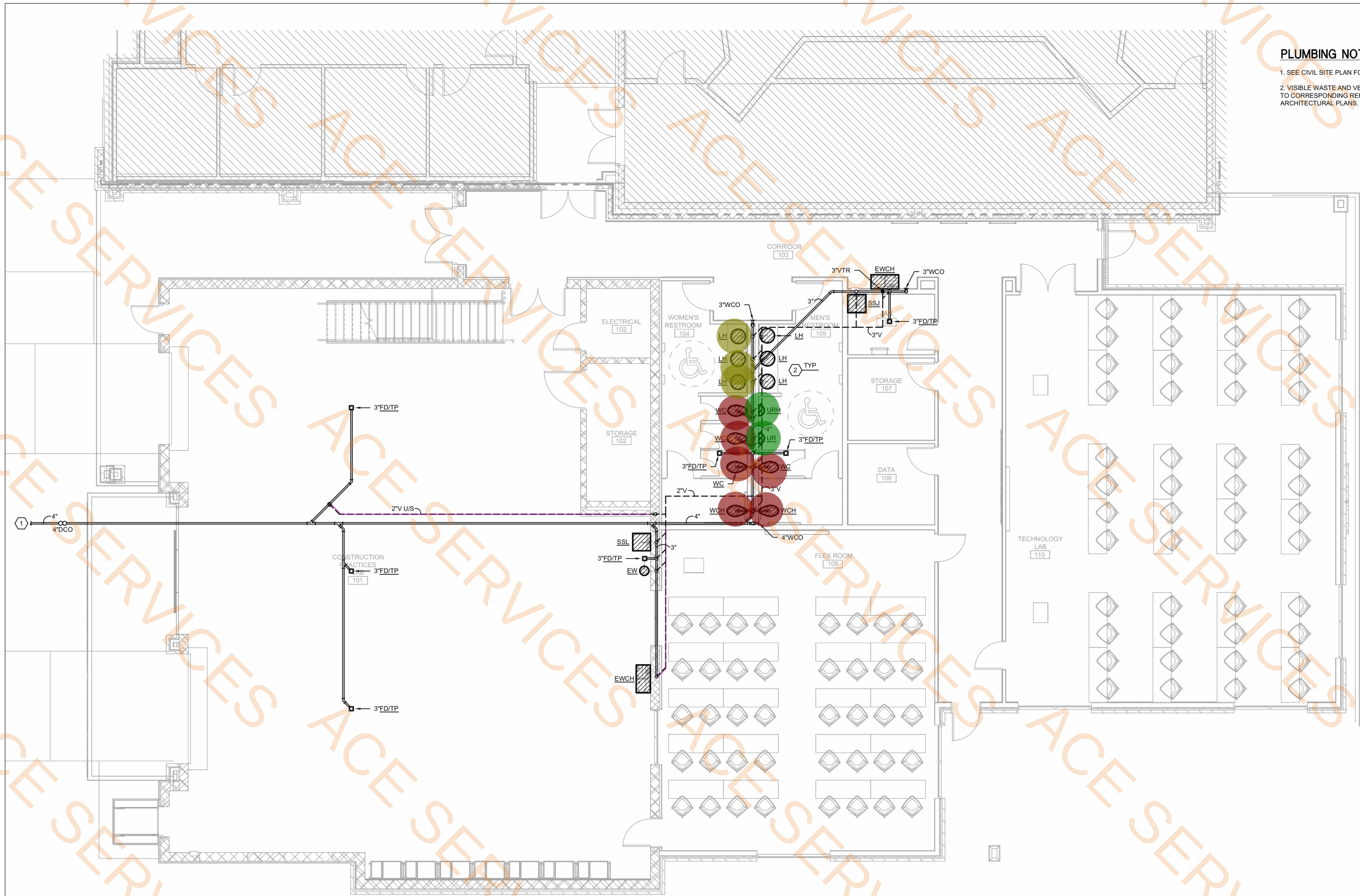
Paint @ 32x18 Duct



Paint @ 33"Dia Duct

MECHANICAL
SCALE: 3/16" = 1'-0"

153.1 FT
34.6 FT
41.2 FT



PLUMBING NOTES:

1. SEE CIVIL SITE PLAN FOR CONTINUATION OF UTILITY PIPING.
2. VISIBLE WASTE AND VENT PIPING TO BE PRIMED, PAINTED, AND LABELED TO CORRESPONDING REFERENCE ON SHEET M1.02. COORDINATE WITH ARCHITECTURAL PLANS.

PLUMBING PLAN (WASTE/VENT)

SCALE: 3/16" = 1'-0"

- Brown Paint @ 3'H 4" Waste Pipe **6.0 EA**
- Brown Paint @ 3'H 2" Waste Pipe **2.0 EA**
- Brown Paint @ 3'H 1-1/2" Waste Pipe **3.0 EA**
- Gray Paint @ 2" Vent Pipe **52.3 FT**

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DRAWING REVISIONS

No.	Description	Date

DRAWN BY: CDR
CHECKED BY: RHB
SHEET

M3.01

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
**PLUMBING PLAN
(WASTE/VENT)**

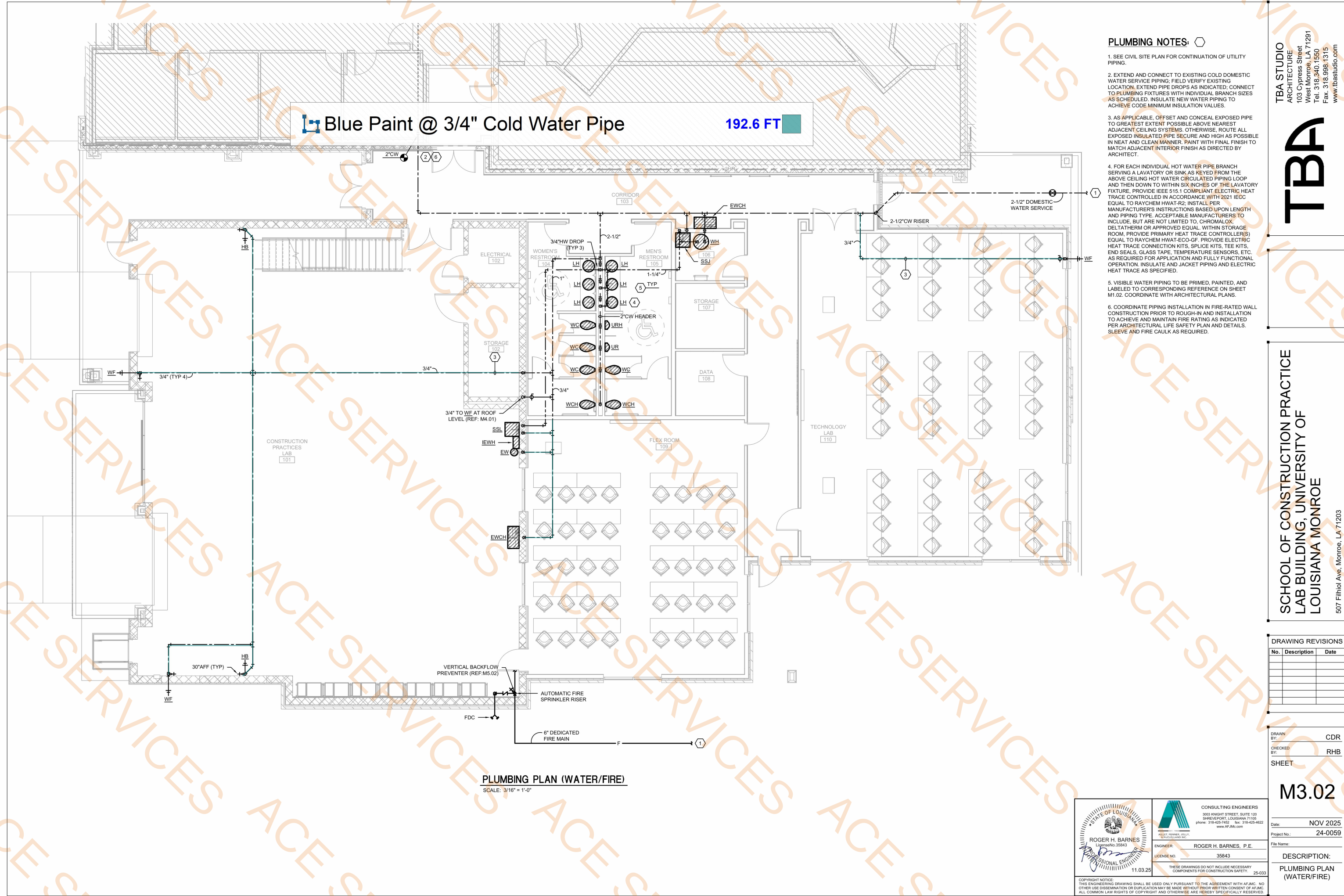


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PLUMBING NOTES:

1. SEE CIVIL SITE PLAN FOR CONTINUATION OF UTILITY PIPING.
2. EXTEND AND CONNECT TO EXISTING COLD DOMESTIC WATER SERVICE PIPING; FIELD VERIFY EXISTING LOCATION. EXTEND PIPE DROPS AS INDICATED; CONNECT TO PLUMBING FIXTURES WITH INDIVIDUAL BRANCH SIZES AS SCHEDULED. INSULATE NEW WATER PIPING TO ACHIEVE CODE MINIMUM INSULATION VALUES.
3. AS APPLICABLE, OFFSET AND CONCEAL EXPOSED PIPE TO GREATEST EXTENT POSSIBLE ABOVE NEAREST ADJACENT CEILING SYSTEMS. OTHERWISE, ROUTE ALL EXPOSED INSULATED PIPE SECURE AND HIGH AS POSSIBLE IN NEAT AND CLEAN MANNER. PAINT WITH FINAL FINISH TO MATCH ADJACENT INTERIOR FINISH AS DIRECTED BY ARCHITECT.
4. FOR EACH INDIVIDUAL HOT WATER PIPE BRANCH SERVING A LAVATORY OR SINK AS KEYED FROM THE ABOVE CEILING HOT WATER CIRCULATED PIPING LOOP AND THEN DOWN TO WITHIN SIX INCHES OF THE LAVATORY FIXTURE, PROVIDE IEEE 515.1 COMPLIANT ELECTRIC HEAT TRACE CONTROLLED IN ACCORDANCE WITH 2021 IECC EQUAL TO RAYCHEM HWAT-R2; INSTALL PER MANUFACTURER'S INSTRUCTIONS BASED UPON LENGTH AND PIPING TYPE. ACCEPTABLE MANUFACTURERS TO INCLUDE, BUT ARE NOT LIMITED TO, CHROMALOX, DELTATHERM OR APPROVED EQUAL. WITHIN STORAGE ROOM, PROVIDE PRIMARY HEAT TRACE CONTROLLER(S) EQUAL TO RAYCHEM HWAT-ECO-GF. PROVIDE ELECTRIC HEAT TRACE CONNECTION KITS, SPLICE KITS, TEE KITS, END SEALS, GLASS TAPE, TEMPERATURE SENSORS, ETC. AS REQUIRED FOR APPLICATION AND FULLY FUNCTIONAL OPERATION. INSULATE AND JACKET PIPING AND ELECTRIC HEAT TRACE AS SPECIFIED.
5. VISIBLE WATER PIPING TO BE PRIMED, PAINTED, AND LABELED TO CORRESPONDING REFERENCE ON SHEET M1.02. COORDINATE WITH ARCHITECTURAL PLANS.
6. COORDINATE PIPING INSTALLATION IN FIRE-RATED WALL CONSTRUCTION PRIOR TO ROUGH-IN AND INSTALLATION TO ACHIEVE AND MAINTAIN FIRE RATING AS INDICATED PER ARCHITECTURAL LIFE SAFETY PLAN AND DETAILS. SLEEVE AND FIRE CAULK AS REQUIRED.

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DRAWING REVISIONS		
No.	Description	Date

DRAWN BY: CDR
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SHEET

M3.02

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
PLUMBING PLAN
(WATER/FIRE)

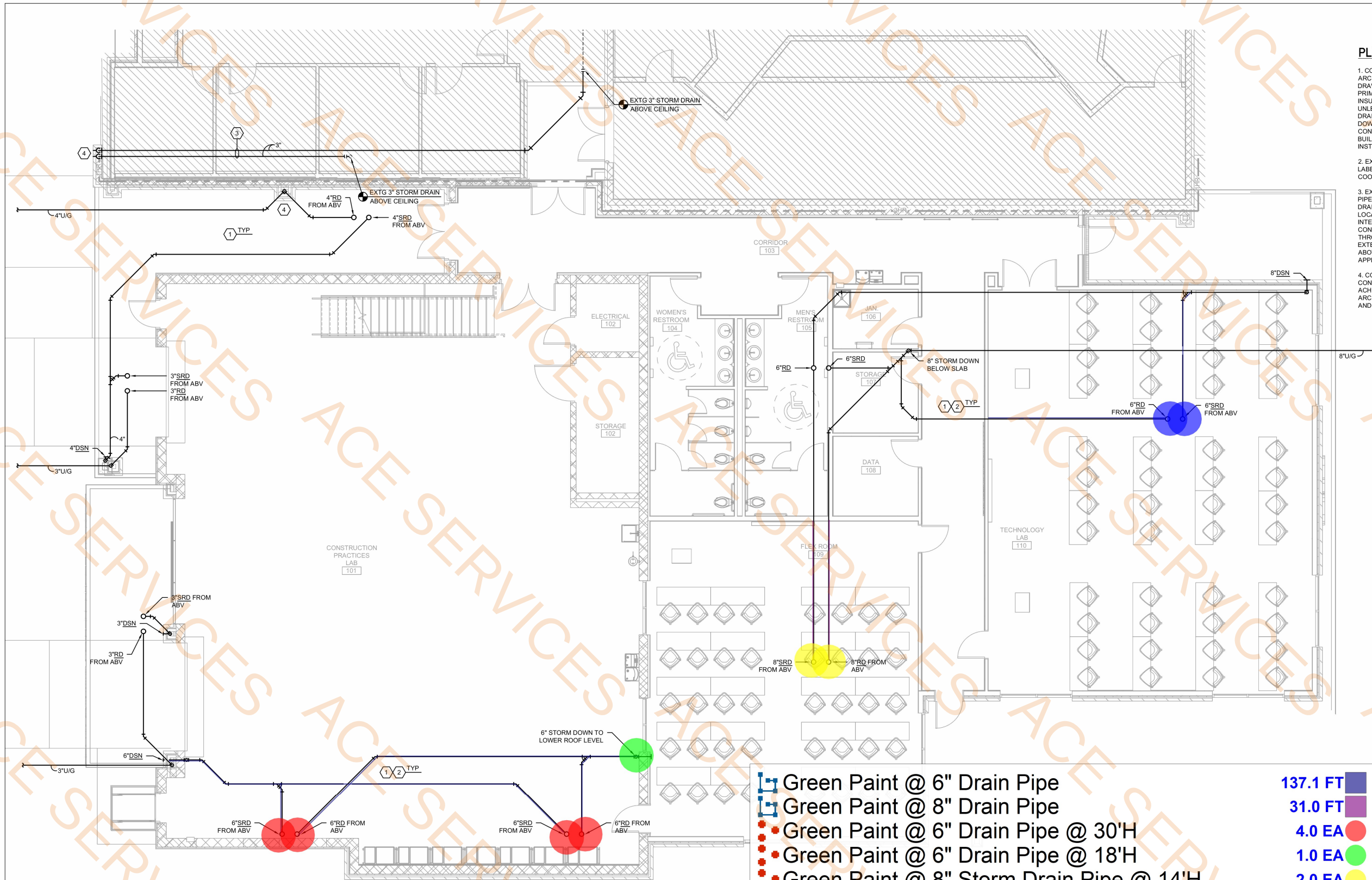
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Professional Engineer
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- PLUMBING NOTES:** ⬡
1. COORDINATE EXACT LOCATION OF ALL ROOF DRAINS WITH ARCHITECTURAL PLANS AND ROOF INSULATION SHOP DRAWINGS PRIOR TO ROUGH-IN AND INSTALLATION. PRIMARY AND SECONDARY ROOF DRAIN PIPING SHALL BE INSULATED AND INSTALLED AT 1/8" SLOPE PER FOOT, UNLESS NOTED OTHERWISE. EXTEND SECONDARY ROOF DRAIN PIPING TO EXTERIOR, TERMINATE HIGH THROUGH DOWNSPOUT ON EXTERIOR WALL FACE. COORDINATE CONCEALMENT OF EACH STORM PIPING SYSTEM WITHIN BUILDING CONSTRUCTION PRIOR TO ROUGH-IN AND INSTALLATION.
 2. EXPOSED STORM PIPING TO BE PRIMED, PAINTED, AND LABELED TO CORRESPONDING REFERENCE ON SHEET M1.02. COORDINATE WITH ARCHITECTURAL PLANS.
 3. EXTEND AND CONNECT NEW HORIZONTAL 3" STORM DRAIN PIPE ABOVE CEILING AND CONNECT TO EXISTING 3" STORM DRAIN OR 3" STORM DRAIN PIPE. FIELD VERIFY EXACT SIZE, LOCATION, ELEVATION, ETC. COORDINATE EXISTING INTERIOR CEILING REMOVAL AND REPLACEMENT IN CONJUNCTION WITH NEW PIPING INSTALLATION. ROUTE THROUGH EXISTING WALL. DROP CONCEALED IN NEW EXTERIOR WALL FURRING. TERMINATE THROUGH WALL ABOVE GRADE SIMILAR TO EXISTING BUILDING APPLICATIONS. SEAL ALL PENETRATIONS.
 4. COORDINATE PIPING INSTALLATION IN FIRE-RATED WALL CONSTRUCTION PRIOR TO ROUGH-IN AND INSTALLATION TO ACHIEVE AND MAINTAIN FIRE RATING AS INDICATED PER ARCHITECTURAL LIFE SAFETY PLAN AND DETAILS. SLEEVE AND FIRE CAULK AS REQUIRED.

- Green Paint @ 6" Drain Pipe
- Green Paint @ 8" Drain Pipe
- Green Paint @ 6" Drain Pipe @ 30'H
- Green Paint @ 6" Drain Pipe @ 18'H
- Green Paint @ 8" Storm Drain Pipe @ 14'H
- Green Paint @ 6" Storm Drain Pipe @ 14'H

- 137.1 FT
- 31.0 FT
- 4.0 EA
- 1.0 EA
- 2.0 EA
- 2.0 EA

PLUMBING PLAN (STORM)
SCALE: 3/16" = 1'-0"

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M3.03

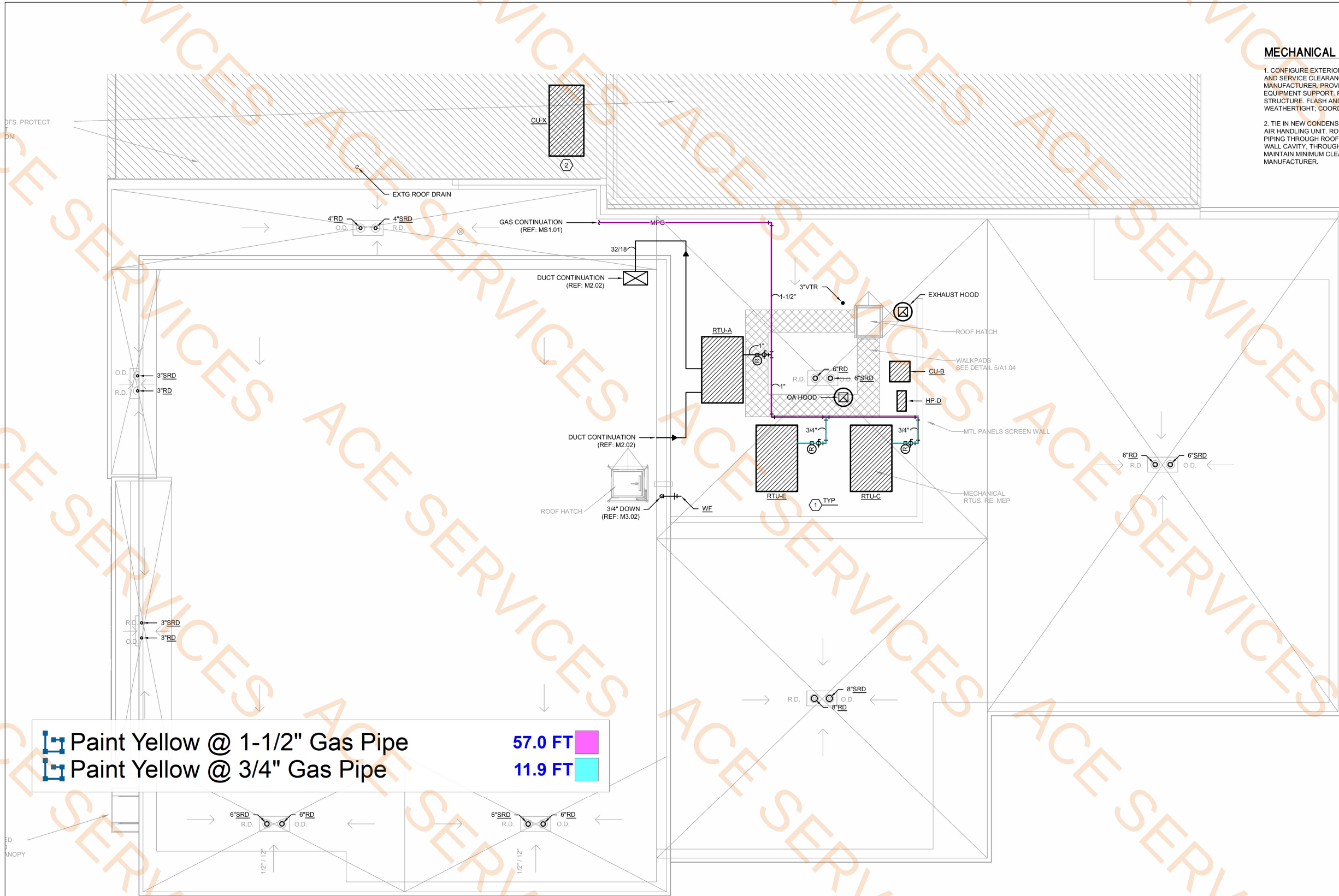
Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
PLUMBING PLAN (STORM)

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MECHANICAL NOTES: ⬡

1. CONFIGURE EXTERIOR UNIT TO ACHIEVE AND MINIMUM OPERATIONAL AND SERVICE CLEARANCE REQUIREMENTS AS RECOMMENDED BY MANUFACTURER. PROVIDE INTERNALLY INSULATED, ROOF MOUNTED EQUIPMENT SUPPORT. PERMANENTLY SECURE TO EXISTING ROOF STRUCTURE. FLASH AND SEAL INTO ROOFING SYSTEM TO BE WEATHERTIGHT; COORDINATE WITH ROOF WARRANTY.
2. TIE IN NEW CONDENSING UNIT CU-X (TRANE TTA180K3CAA) TO EXISTING AIR HANDLING UNIT. ROUTE INSULATED AND JACKETED REFRIGERANT PIPING THROUGH ROOF (SEAL PENETRATION WEATHERTIGHT). VERTICAL IN WALL CAVITY, THROUGH EXISTING CONSTRUCTION TO EXISTING AHU. MAINTAIN MINIMUM CLEARANCE REQUIREMENTS AS RECOMMENDED BY MANUFACTURER.

Paint Yellow @ 1-1/2" Gas Pipe
Paint Yellow @ 3/4" Gas Pipe

57.0 FT
11.9 FT

ROOF PLAN

SCALE: 3/16" = 1'-0"

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No.	Description	Date

DRAWN BY: CDR
CHECKED BY: RHB
SHEET

M4.01

Date: NOV 2025
Project No.: 24-0059
File Name:

DESCRIPTION:
ROOF PLAN



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