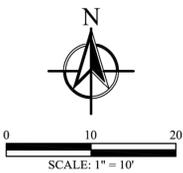
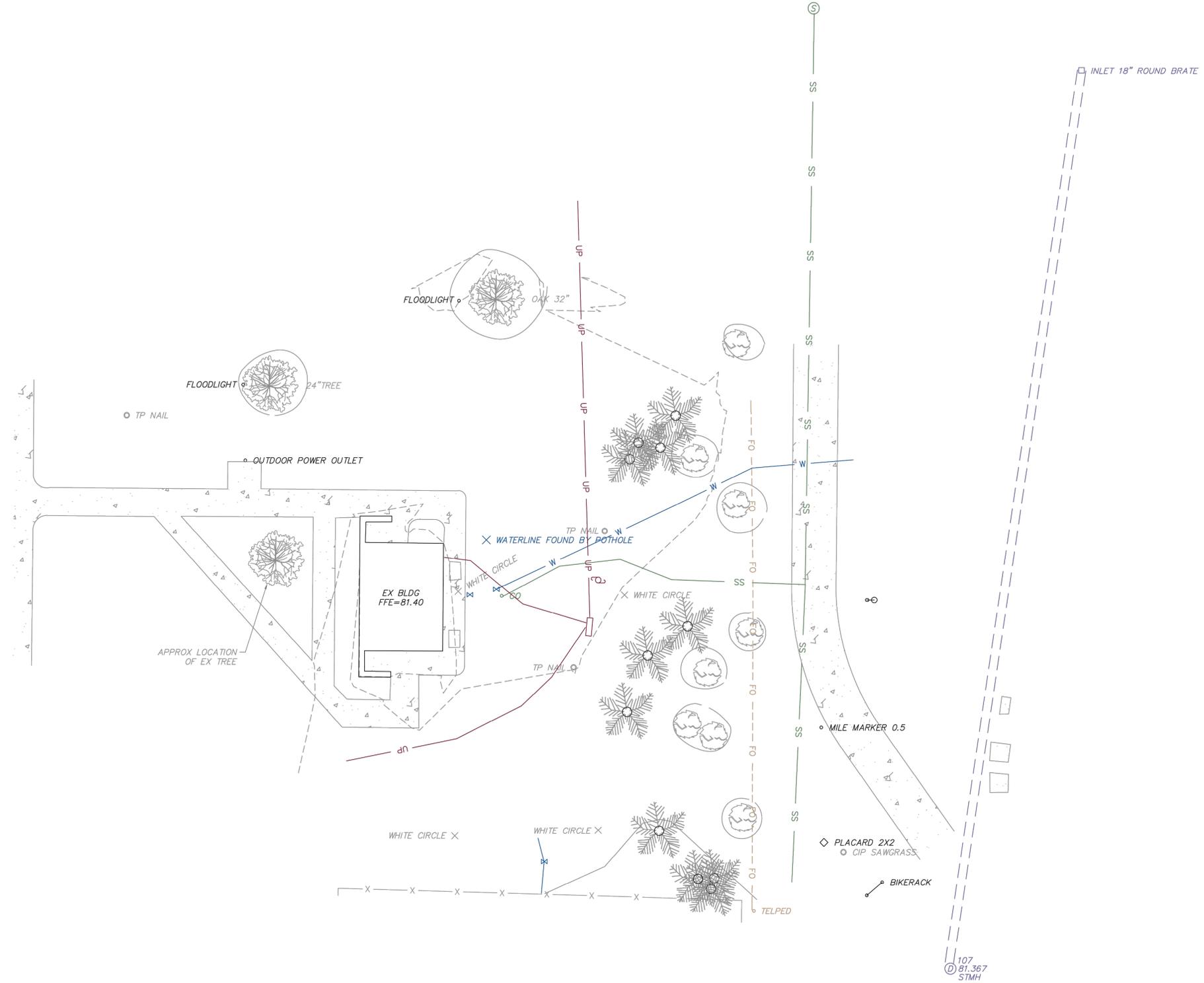


TOPOGRAPHIC DESIGN SURVEY



ENGINEERING DESIGN
TECHNOLOGIES, INC.
215 19th Street North, Suite 201
Birmingham, AL 35203
office 205.942.8630
www.EDTinc.net



Date: March 28, 2022
Proj No: 22E-02-11700

104 N MCKENZIE ST
FOLEY, AL 36535
FOLEY WELCOME CENTER

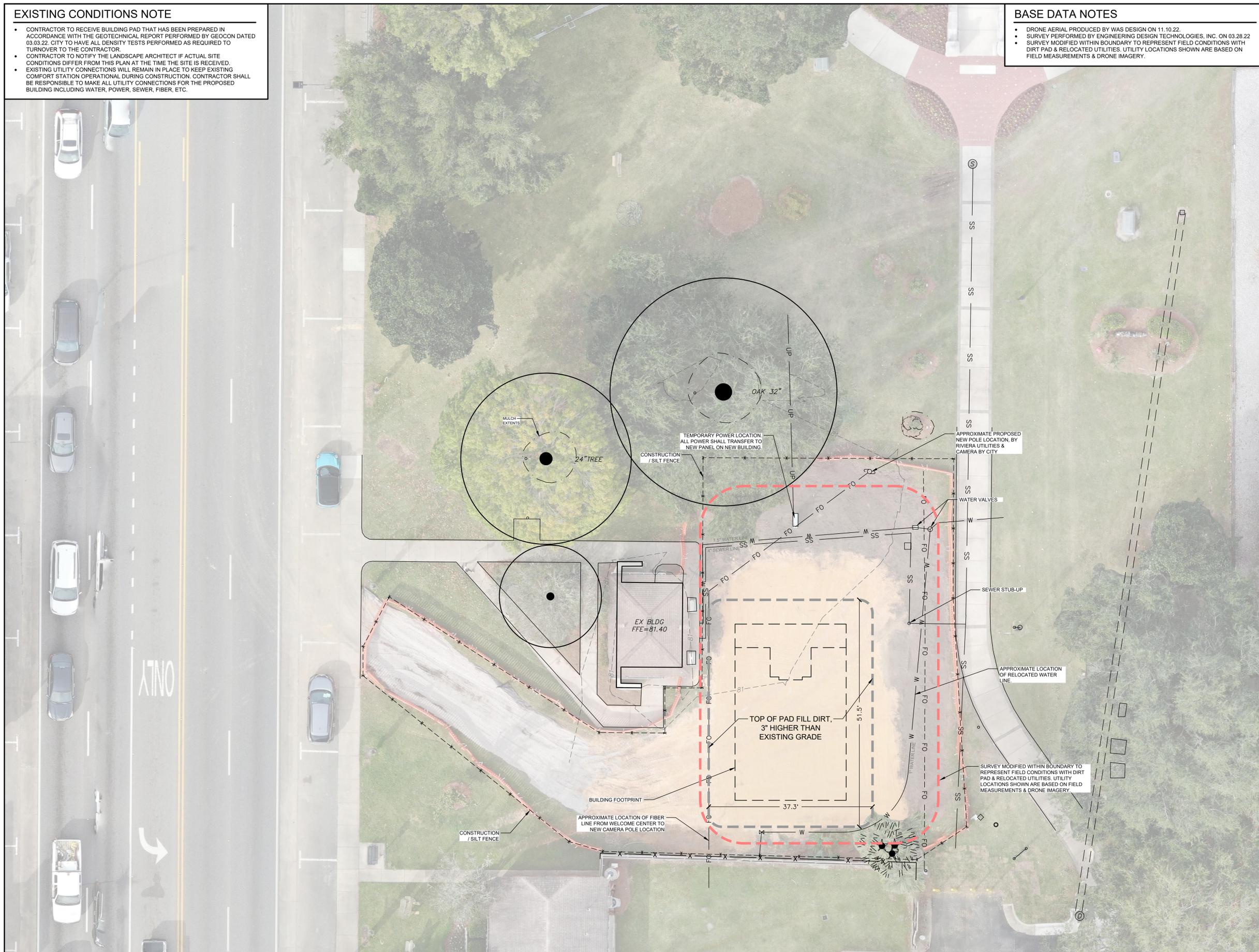
SHEET
1 of 1

EXISTING CONDITIONS NOTE

- CONTRACTOR TO RECEIVE BUILDING PAD THAT HAS BEEN PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PERFORMED BY GEOCON DATED 03.03.22. CITY TO HAVE ALL DENSITY TESTS PERFORMED AS REQUIRED TO TURNOVER TO THE CONTRACTOR.
- CONTRACTOR TO NOTIFY THE LANDSCAPE ARCHITECT IF ACTUAL SITE CONDITIONS DIFFER FROM THIS PLAN AT THE TIME THE SITE IS RECEIVED.
- EXISTING UTILITY CONNECTIONS WILL REMAIN IN PLACE TO KEEP EXISTING COMFORT STATION OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ALL UTILITY CONNECTIONS FOR THE PROPOSED BUILDING INCLUDING WATER, POWER, SEWER, FIBER, ETC.

BASE DATA NOTES

- DRONE AERIAL PRODUCED BY WAS DESIGN ON 11.10.22.
- SURVEY PERFORMED BY ENGINEERING DESIGN TECHNOLOGIES, INC. ON 03.28.22
- SURVEY MODIFIED WITHIN BOUNDARY TO REPRESENT FIELD CONDITIONS WITH DIRT PAD & RELOCATED UTILITIES. UTILITY LOCATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS & DRONE IMAGERY.



landscape architecture
land planning
placemaking

was DESIGN
landscape architects

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A Landscape Development Plan for
Comfort Station
Foley, Alabama

Revisions

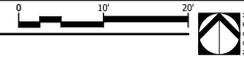
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| 03.29.23 | | CONSTRUCTION SET |
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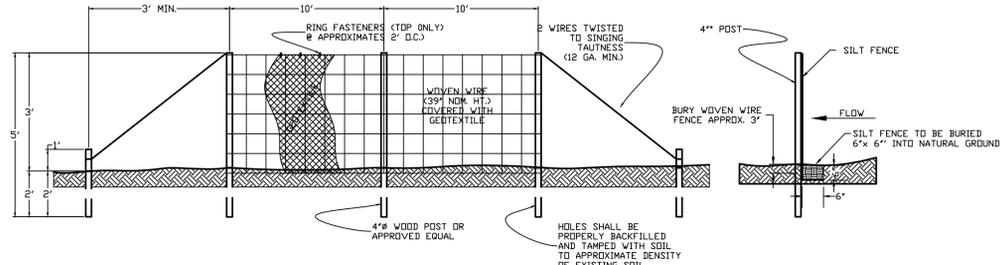
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Drawn _____
DM _____
Project Manager _____
LCW _____
Principal _____
216003-018
Project No. _____
12.30.21
Date _____

Sheet Title

**EXISTING
CONDITIONS PLAN**



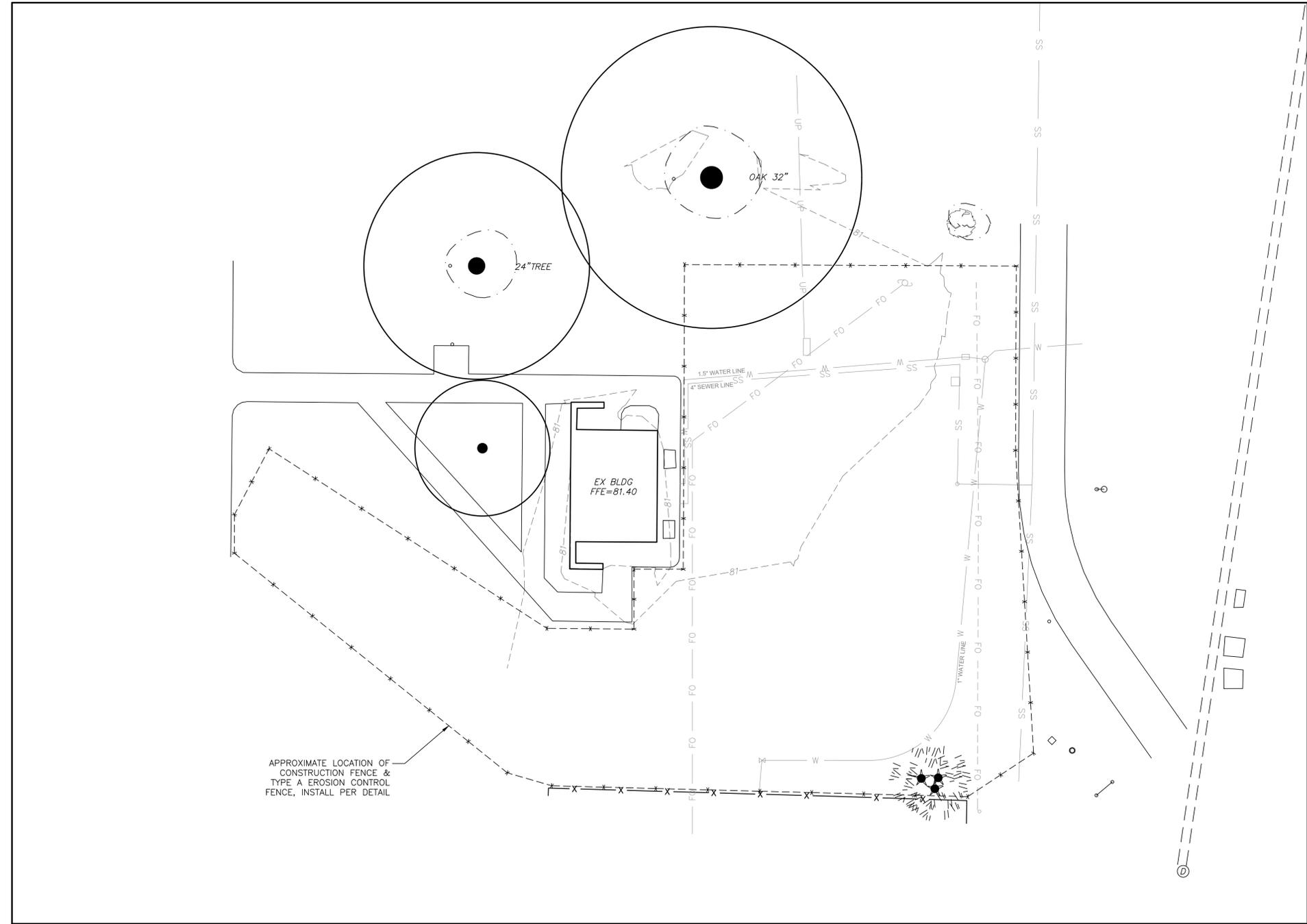
| PROJECT COORDINATION SEQUENCE | | |
|-------------------------------|--------------------|---|
| ACTIVITY ID | RESPONSIBLE PARTY | ACTIVITY |
| A | N/A | COMMENCEMENT OF WORK |
| B | GENERAL CONTRACTOR | PHASE 1 HARDSCAPE, PHASE 1 GRADING & DRAINAGE |
| C | CITY | PHASE 2 DEMO, PHASE 2 HARDSCAPE, PHASE 2 GRADING & DRAINAGE, LANDSCAPE & IRRIGATION |
| D | GENERAL CONTRACTOR | SITE LIGHTING & ELECTRICAL |
| E | GENERAL CONTRACTOR | SUBSTANTIAL COMPLETION |
| F | GENERAL CONTRACTOR | FINAL COMPLETION |



TYPE "A" SILT FENCE & INSTALLATION

2 TYPE "A" SILT FENCE
NTS

015639-03



APPROXIMATE LOCATION OF CONSTRUCTION FENCE & TYPE A EROSION CONTROL FENCE, INSTALL PER DETAIL

1 EROSION AND SEDIMENTATION CONTROL PLAN
Scale: 1" = 10'



- EROSION CONTROL NOTES**
- CONTRACTOR SHALL NOTIFY COMPLIANCE PERSONNEL OF THE PROJECT PRE-CONSTRUCTION MEETING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - THE MEASURES SET FORTH IN THE EROSION CONTROL PLAN ARE INTENDED AS THE MINIMUM STANDARDS. ANY EROSION CONTROL MEASURE BEYOND THAT SPECIFIED IN THE PLAN, THAT IS REQUIRED TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAW, SHALL BE IMPLEMENTED.
 - ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT FOR CONSTRUCTION SITES AND URBAN AREAS, VOLUME 1 AND 2, LATEST EDITION.
 - IN THE EVENT THAT EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THE EROSION CONTROL PLAN PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED. ALL ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE REVIEWED AND APPROVED BY LOCAL AND STATE COMPLIANCE PERSONNEL PRIOR TO PLACEMENT.
 - DAILY INSPECTIONS SHALL BE MADE BY THE ENGINEER OR ITS DESIGNEE TO DETERMINE THE EFFECTIVENESS OF SEDIMENT AND EROSION CONTROL EFFORTS. ANY NECESSARY REMEDIES SHALL BE PERFORMED WITHOUT DELAY. ALL SEDIMENT, EROSION AND TURBIDITY CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKDAY.
 - THE CONTRACTOR SHALL INSPECT INSTALLED BMPs AT LEAST ONCE EVERY SEVEN (7) DAYS AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
 - THE CONTRACTOR SHALL INSPECT INSTALLED BMPs WITHIN 24 HOURS AFTER PRECIPITATION EVENTS OF 0.50 INCHES OR GREATER AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
 - DISTURBED AREAS SHALL BE IMMEDIATELY GRADED, SODDED OR VEGETATED UPON COMPLETION OF CONSTRUCTION ACTIVITY.
 - EROSION CONTROL DEVICES, SILT FENCES, HAY BALES, WATTLES, RECP'S OR PINNED SOD SHALL BE NECESSARY TO REESTABLISH VEGETATION WHERE DITCHES AND SLOPES ARE SUBJECT TO HIGH DRAINAGE VELOCITIES.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE THAT THE CONSTRUCTION OF THIS PROJECT AND THE EROSION/SEDIMENT FROM THE PROJECT ARE ADEQUATELY CONTROLLED AND DO NOT DAMAGE ADJACENT PROPERTIES.



- RESPONSIBLE PARTY COORDINATION NOTE:**
- CONTRACTOR RESPONSIBLE FOR INSTALLATION & MAINTENANCE OF SILT FENCE.
 - CITY RESPONSIBLE FOR CONSTRUCTION FENCING.
 - CONSTRUCTION ENTRANCE INSTALLED OFF HWY. 59.

A Landscape Development Plan for
Comfort Station
Foley, Alabama

Revisions

| No. | Date | Revisions / Submissions |
|----------|------|-------------------------|
| 03.29.23 | | CONSTRUCTION SET |
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| Drawn | |
| DM | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 12.30.21 | |
| Date | |

Sheet Title

EROSION AND SEDIMENTATION CONTROL PLAN

A Landscape Development Plan for
Comfort Station
Foley, Alabama

| Revisions | | |
|-----------|------|-------------------------|
| No. | Date | Revisions / Submissions |
| 03.29.23 | | CONSTRUCTION SET |
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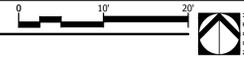
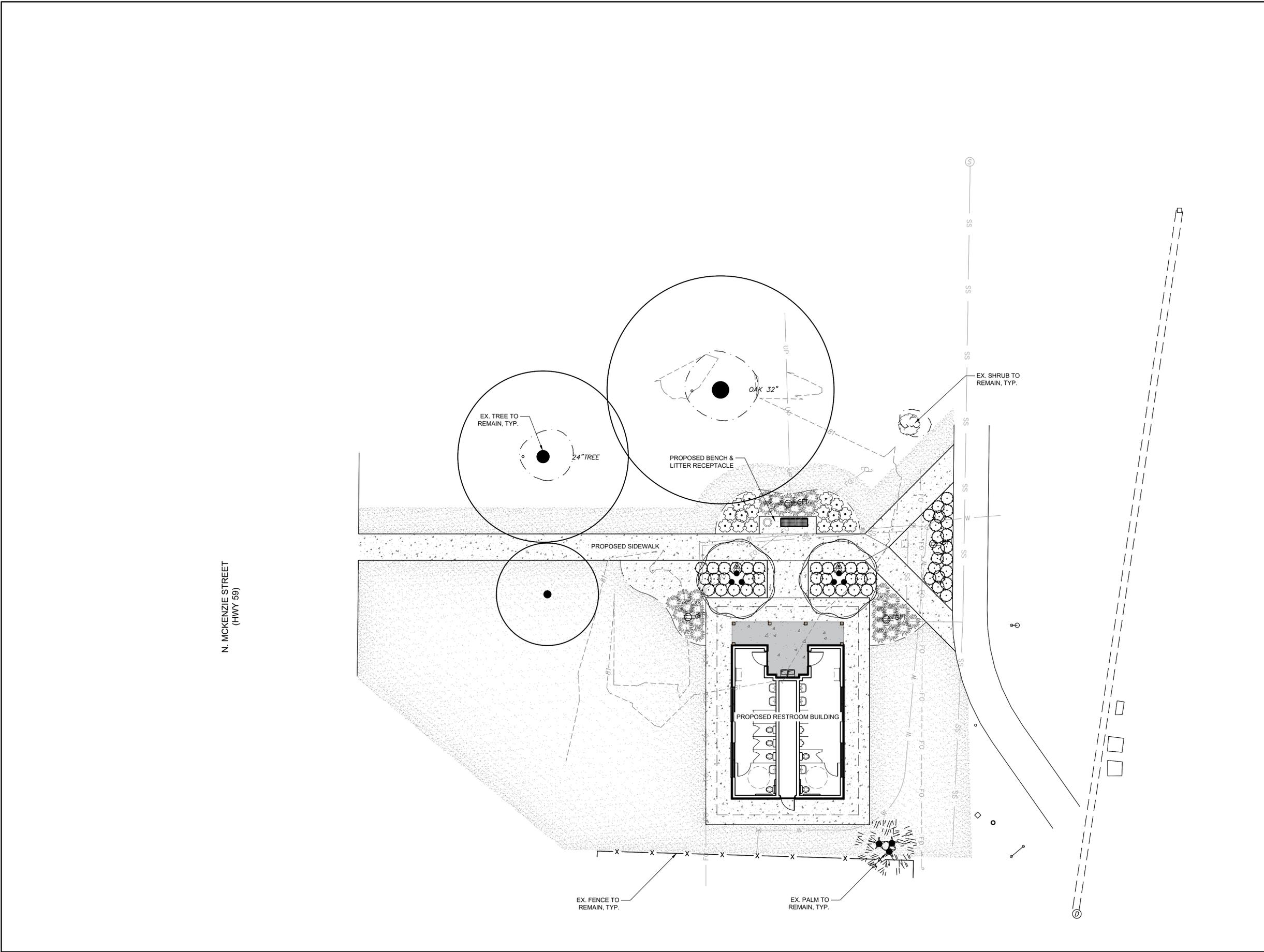
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| BH | Registration |
| Drawn | |
| DM | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 12.30.21 | |
| Date | |



Sheet Title

MASTER PLAN

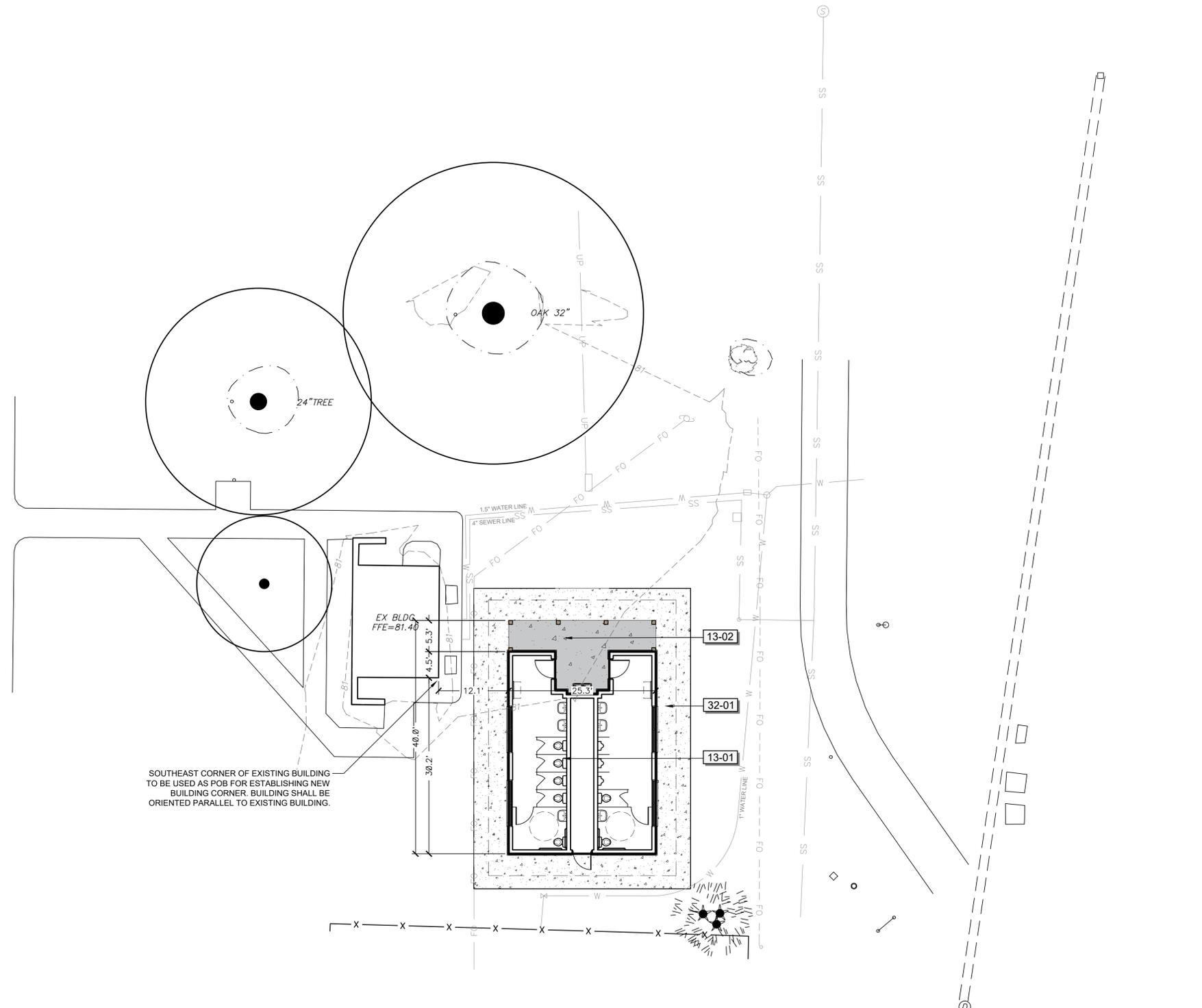
Sheet No.
MP100



PHASE 1 HARDSCAPE SCHEDULE, BY CONTRACTOR

| SYMBOL | 13 SPECIAL CONSTRUCTION DESCRIPTION | QTY | DETAIL |
|--------|--|--------|---------|
| 13-01 | BUILDING INTERIOR | 813 SF | 1/LH500 |
| 13-02 | PORCH | 201 SF | 1/LH500 |
| SYMBOL | 32 EXTERIOR IMPROVEMENTS DESCRIPTION | QTY | DETAIL |
| 32-01 | CONCRETE PAVING, 3,500 PSI CONCRETE, MEDIUM BROOM FINISH | 909 SF | 1/LH508 |

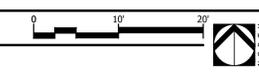
800-292-8525
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Dig Safely.



N. MCKENZIE STREET
(HWY 59)

SOUTHEAST CORNER OF EXISTING BUILDING TO BE USED AS POB FOR ESTABLISHING NEW BUILDING CORNER. BUILDING SHALL BE ORIENTED PARALLEL TO EXISTING BUILDING.

TO BE PERFORMED BY CONTRACTOR



A Landscape Development Plan for
Comfort Station
Foley, Alabama

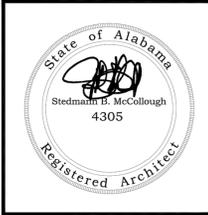
| Revisions | | |
|-----------|------|-------------------------|
| No. | Date | Revisions / Submissions |
| 03.29.23 | | CONSTRUCTION SET |
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| LCW | |
| Principal | |
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| 12.30.21 | |
| Date | |

Sheet Title

PHASE 1
HARDSCAPE PLAN



A NEW STRUCTURE
 FOR
FOLEY COMFORT STATION
 FOLEY, AL

JOB NO.:
 DRAWN: JTB
 CHECKED: SBM
 DATE: 2022.12.08
 REVISION:
 SCALE: 1/4"=1'-0"
 SHEET NO.:
LS1.1
 LIFE SAFETY PLAN

BUILDING CODE SUMMARY

-2021 INTERNATIONAL BUILDING CODE -2021 INTERNATIONAL FIRE CODE
 -2018 INTERNATIONAL PLUMBING CODE -2021 INTERNATIONAL EXISTING BUILDING CODE
 -2021 INTERNATIONAL MECHANICAL CODE -2020 NATIONAL ELECTRIC CODE

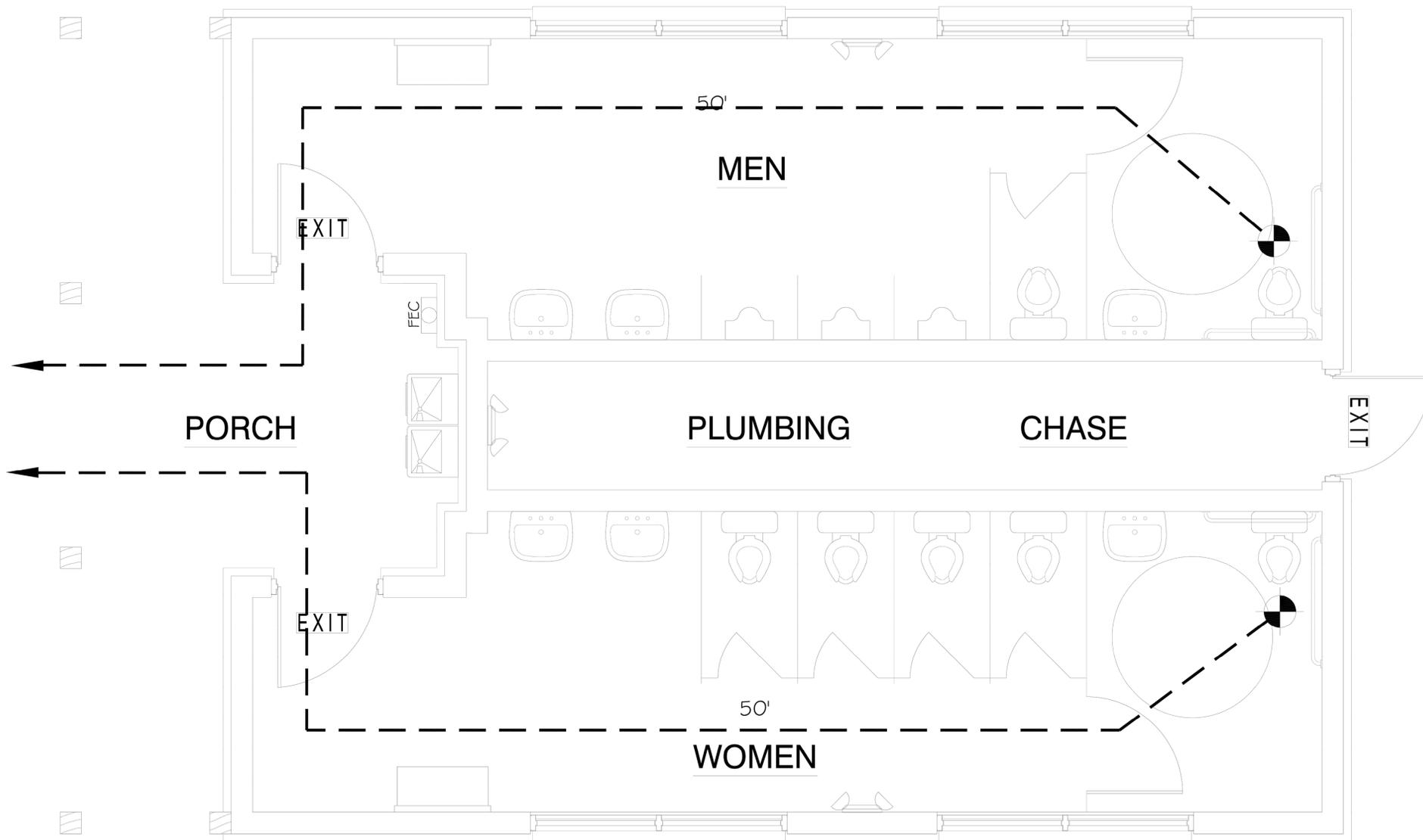
PROJECT DATA

| | | |
|--|----------------------------|------------------------|
| -CONSTRUCTION TYPE: | VB | |
| -SPRINKLER SYSTEM | NO | |
| | | |
| -OCCUPANCY | U (UTILITY) | |
| -STORIES/SQUARE FOOTAGE ALLOWED | 1/5,500 | |
| -STORIES/SQUARE FOOTAGE ACTUAL | 1/850 | |
| | | |
| -OCCUPANT LOAD | 0 | |
| -PLUMBING COUNT | | |
| MEN'S WATER CLOSETS = 2 | WOMEN'S WATER CLOSETS = 5 | DRINKING FOUNTAINS = 2 |
| MEN'S URINALS = 3 | WOMEN'S LAVATORIES = 3 | |
| MEN'S LAVATORIES = 3 | | |
| | | |
| -FIRE RATED ASSEMBLIES | NONE | |
| -REQUIRED/PROVIDED NUMBER OF EXITS | 1 PER IBC 1006.3.4 | |
| -EXIT TRAVEL DISTANCE (TABLE 1006.2.1) | <100' | |
| -PROVIDED FIRE EXTINGUISHERS | NONE REQUIRED / 1 PROVIDED | |

THIS SHEET DETAILS THE EXTENT OF MCCOLLOUGH ARCHITECTURE, INC. SCOPE OF WORK FOR THIS PROJECT WHICH IS LIMITED TO THE LIFE SAFETY PLAN DESIGN SHOWN ON THIS SHEET (LS1.1) ONLY AND DOES NOT EXTEND BEYOND THIS SHEET OF WORK AND SHALL NOT BE CONSTRUED AS GUIDELINES FOR ADA COMPLIANCE OR ANY OTHER DESIGN OR REVIEW OF THE PROJECT.

LEGEND

- 47' — DISTANCE IN FEET
 - EXIT — EXIT SIGN WITH EMERGENCY LIGHTING
 - EXIT — EXIT SIGN WITH HATCH INDICATES DIRECTION
 - EMERGENCY LIGHTS
 - FEC — FIRE EXTINGUISHER
- NOTE: PROVIDE VANDAL/TAMPERPROOF WALL MOUNTED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. CABINET TO HAVE CYLINDER LOCK, VIEWING PANEL AND BREAK GLASS HAMMER AND STICKER. EQUAL TO SAMSON MODEL 9363Z30. MOUNT CABINET WITH BOTTOM EDGE OF TRIM 32" ABOVE FLOOR.



GENERAL NOTES

- ALL DESIGN (INCLUDING WIND LOADS) AND CONSTRUCTION SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE, LOCAL CODES, ORDINANCES, AND AMENDMENTS. THE DESIGN CRITERIA FOR ALL CONSTRUCTION SHALL COMPLY FULLY WITH THE CODE.
- APPLICABILITY CODES FOR THIS PROJECT:
BUILDING CODE:
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2017 NFPA 70, NATIONAL ELECTRIC CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 INTERNATIONAL FIRE CODE
2017 ICC/ANSI A117.1

DESIGN LOADS:

| | |
|------------------------|-------------------------------|
| LIVE LOADS: | |
| ATTICS WITH STORAGE | 20 PSF |
| ATTICS WITHOUT STORAGE | 10 PSF |
| DECKS | 60 PSF |
| FLOORS | 40 PSF |
| ROOFS | 25 PSF |
| STAIRS | 100 PSF |
| GARAGE FLOORS | 40 PSF (3,000 LB. POINT LOAD) |

DEAD LOADS:

| | |
|--------|--------|
| FLOORS | 20 PSF |
| ROOF | 15 PSF |

WIND LOAD: THE FOLLOWING LOAD CRITERIA AND FACTORS HAVE BEEN USED IN THE DESIGN OF THIS STRUCTURE:

| | | |
|-----------------------------|------------------|-----------|
| WIND CODE | PER SECTION R301 | ASCE 7-16 |
| BASIC WIND SPEED - ULTIMATE | | 160 MPH |
| IMPORTANCE FACTOR | | II |
| EXPOSURE CATEGORY | | C |

- INSULATION
ATTIC FLOOR
CEILING
WALLS
R38
R38 Blown Insulation
R15 (2X4) R21 (2X6)
- CONTRACTOR AND OWNER SHALL VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. IN CASE OF DISCREPANCY, NOTIFY DESIGNER AND ENGINEER OF RECORD PRIOR TO PROCEEDING.
- AT CONSTRUCTION ISSUE, THESE DRAWINGS AND DETAILS REPRESENT COMPONENTS IN THEIR FINAL AND FINISHED STATE FOR CONSTRUCTION. TEMPORARY BRACING METHODS, SAFETY PRECAUTIONS, AND MECHANICAL REQUIREMENTS USED TO ERECT COMPONENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR PERFORMING WORK.
- THE DETAILS AND SPECIFICATIONS PROVIDED ARE AN OUTLINE OF MINIMUM MATERIAL REQUIREMENTS AND THEIR APPLICATION. MANUFACTURER SPECIFICATIONS AND LOCAL CODE REQUIREMENTS, WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND SUBMIT ALL SHOP DRAWINGS AND REPORT ALL DISCREPANCIES TO THE DESIGNER AND ENGINEER OF RECORD OR OWNER PRIOR TO CONTINUATION OF CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SAFE AND ORGANIZED JOB SITE. THE DESIGNER AND ENGINEER OF RECORD SHALL ASSUME NO LIABILITY IN REGARD TO SAFETY.
- IF UNFORSEEN CONDITIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY CONSULT THE DESIGNER AND ENGINEER OF RECORD.
- THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, AND TEMPORARY SUPPORTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE STRUCTURE AND FOUNDATION ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND THEREFORE REQUIRES ADDITIONAL SUPPORT TO MAINTAIN STABILITY PRIOR TO COMPLETION.
- AS A MINIMUM, ALL CONCRETE OR MASONRY FOOTERS TO COMPLY WITH MINIMUM WIDTH OF CONCRETE OR MASONRY FOOTERS OF THE CURRENTLY ADOPTED IRC UNLESS OTHERWISE NOTED.
- INSTALL FULL DEPTH BLOCK (MATCH RAFTER DEPTH) @ 48" O.C. IN FIRST TWO FRAMING SPACES OF ROOF SYSTEM AT ALL GABLE ENDS OF ROOF. INSTALL BLOCKING AT PANEL EDGES OF ROOF DECKS AND FASTEN WITH 3D COMMON NAILS @ 6" O.C. INTO BLOCKING.
- INSTALL FULL DEPTH BLOCK (MATCH JOIST DEPTH) @ 24" O.C. IN FIRST TWO FRAMING SPACES OF CEILING JOIST WHERE CEILING JOIST RUN PARALLEL TO EXTERIOR WALL. INSTALL FULL DEPTH BLOCKING AND FASTEN AS NOTED IN FASTENER SCHEDULE UNLESS OTHERWISE NOTED.
- ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATING OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT WIRE MESH, WITH 1/8" MINIMUM TO 1/4" MAXIMUM OPENINGS.
- THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT THE TOTAL AREA IS PERMITTED TO BE REDUCED TO 1 TO 300 PROVIDED AT LEAST 50 PERCENT AND NOT MORE THAN 80 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE TO BE VENTILATED AT LEAST 3 FEET ABOVE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.

ROOF COVERING NOTES:

- ROOF DECK SHALL BE MINIMUM 7/16" OSB OR 1/2" CDX PLYWOOD ATTACHED PER REQUIREMENT SHOWN OF FASTENER SCHEDULE. INSTALL SIMPSON PSC CLIPS OR USP MODEL PC SHEATHING CLIPS AT ALL UNSUPPORTED EDGES OF ROOF DECK (TWO PER SPAN).
- ENTIRE ROOF DECK SHALL BE COVERED WITH A FULL LAYER OF SELF-ADHERING POLYMER MODIFIED BITUMEN MEMBRANE (PEEL AND SEAL) MEETING ASTM D1970 REQUIREMENTS FOR PLYWOOD OR OSB ROOF DECKING OR ALL DECKING SEAMS TO BE SEALED WITH 4" PEEL & SEAL WITH TEAR RESISTANT UNDERLAYMENT APPLIED TO DECKING PER MANUFACTURER'S INSTRUCTIONS.

WIND BORNE DEBRIS PROTECTION

- WINDOWS IN BUILDING LOCATED IN WIND BORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WIND BORNE DEBRIS.
- ALL WINDOWS AND DOORS SHALL BE DESIGNED CAPABLE OF RESISTING A WIND LOAD OF 130 MPH, 3 SECOND GUST.

WIND BORNE DEBRIS PROTECTION CONT.

- GLAZING IN RESIDENCES REQUIRING PROTECTION SHALL BE PROTECTED WITH AN IMPACT PROTECTIVE SYSTEM OR SHALL BE IMPACT RESISTANT WINDOWS.
- GLAZED OPENINGS PROTECTION FOR WIND BORNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996 AND OF ASTM E 1886.

TIMBER NOTES:

- UNLESS OTHERWISE NOTED, ALL LUMBER SHALL BE SOUTHERN YELLOW PINE #2 GRADE OR BETTER WITH A MAXIMUM MOISTURE COUNT OF 19%.
- WOOD FRAMING AND COLUMNS 5"X5" AND LARGER SHALL BE #1 STRESS RATED SOUTHERN YELLOW PINE OR EQUIVALENT WITH THE MINIMUM FOLLOWING PROPERTIES:
 $F_b = 1350 \text{ psi}$ $F_t = 900 \text{ psi}$ $F_v = 90 \text{ psi}$
 $F_c = 375 \text{ psi}$ $F_{dl} = 825 \text{ psi}$ $E = 1,500,000 \text{ psi}$
- ALL TIMBER WALL FRAMING SHALL BE AS FOLLOWS:
2x4 WALL STUD AND PLATES SPRUCE PINE SHALL BE NO. 3 GRADE OR BETTER STUD GRADE MATERIAL WITH THE MINIMUM FOLLOWING PROPERTIES:
 $F_b = 675 \text{ PSI}$ $F_t = 350 \text{ PSI}$ $F_v = 70 \text{ PSI}$
 $F_c = 425 \text{ PSI}$ $F_{dl} = 726 \text{ PSI}$ $E = 1,200,000 \text{ PSI}$
- ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENTAL CONDITIONS SHALL BE PRESSURE TREATED.
- ALL ENGINEERED WOOD BEAMS SHALL BE SIZED, MANUFACTURED, INSTALLED, AND BRACED TO COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
- LAMINATED VENEER LUMBER BEAMS SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES/CONDITIONS:
 $F_b = 3100 \text{ psi}$ $F_v = 290 \text{ psi}$ $F_c = 750 \text{ psi}$
 $F_{dl} = 3000 \text{ psi}$ $E = 2,000,000 \text{ psi}$
- ALL BUILT-UP STUD PACKS, BEAMS, AND JOISTS SHALL BE NAILED IN STRICT ACCORDANCE WITH AF&PA'S (AMERICAN FOREST AND PAPER ASSOCIATION) AND THE NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION.
- MULTIPLE PLIES SHALL BE NAILED TOGETHER WITH TWO ROWS OF 20d NAILS -ONE ROW NEAR THE TOP EDGE AND ANOTHER AT THE BOTTOM. NAILS IN EACH ROW SHALL NOT EXCEED 12" APART. END JOINTS OF THE NAILED LUMBER SHALL OCCUR OVER THE SUPPORTING STUD PACK (COLUMN).
- ALL BOLTS, NAILS, JOIST HANGERS, CLIPS, STRAPS, ETC. IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
- ALL CONNECTIONS AND HARDWARE SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. SIZE, QUANTITY, NUMBER, AND LOCATIONS OF FASTENERS SHALL CONFORM TO THE MANUFACTURER'S PUBLISHED LITERATURE.

FOUNDATION NOTES

- FOUNDATION DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1500 PSF BASED ON THE PROVIDED GEOTECHNICAL REPORT AND REQUIREMENTS FROM GEOCON ENGINEERING AND MATERIALS TESTING, INC. DATED MARCH 3, 2022, PROJECT NO. DL 3169-22
- THE REGISTERED GEOTECHNICAL ENGINEER OF RECORD SHALL BE RETAINED DURING CONSTRUCTION TO INSPECT FOUNDATION EXCAVATION, INSPECT AND MONITOR PLACEMENT COMPACTED FILL, AND TO MONITOR POOR ROLLING OPERATIONS, AS REQUIRED BY THE CITY.

CONCRETE NOTES:

- ALL CONCRETE AND REINFORCING STEEL SHALL FOLLOW THE PRACTICES AND STANDARDS DESCRIBED IN THE EDITION IN EFFECT OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318 STANDARD "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- ALL CONCRETE SHALL CONFORM TO ASTM C-94, LATEST EDITION, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI @28 DAY CURE. CONCRETE PLACES WITHIN A CMU WALL SHALL CONTAIN PEA GRAVEL AGGREGATE:
- ALL PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR TYPE II.
- ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
- SLUMP SHALL BE FROM 5-6 INCHES MAXIMUM WITH A WATER-CEMENT RATIO LESS THAN .55. THE USE OF A SUPERPLASTICIZER IS APPROVED FOR POURING OF WALLS.
- ALL WELDED WIRE FABRIC REINFORCEMENT STEEL SHALL CONFORM TO ASTM A185.
- ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE CORNER AND BAR SUPPORTS. LAP BAR AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH SPLICE SCHEDULE OR IN LIEU THEREOF 40 BAR DIAMETERS. LAP WELDED WIRE MESH FABRIC 6" OR ONE FULL MESH, WHICHEVER IS GREATER.
- CONCRETE COVER OVER REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION AF ACI 318, UNLESS NOTED OTHERWISE: BELOW GRADE (UNFORMED): 3" BELOW GRADE FORMED: 2" WALLS AND SLABS: 1 1/2"
- ALL CMU BLOCK SHALL BE CONSTRUCTED IN RUNNING BOND AND SHALL HAVE HORIZONTAL WIRE REINFORCEMENT EVERY OTHER COURSE. CONCRETE WITHIN CMU BLOCK SHALL CONTAIN PEA GRAVEL.
- ALL MORTAR SHALL BE PORTLAND CEMENT TYPE 5.
- VERTICAL AND HORIZONTAL REINFORCEMENT IS TO BE CONTINUOUS AND LAPPED A MINIMUM OF 48 BAR DIAMETERS.
- ALL ANCHOR BOLT MATERIAL SHALL BE ASTM F1554 UNLESS NOTED OTHERWISE.

TRUSS NOTES:

- ALL WOOD TRUSSES TO BE DESIGNED AND MANUFACTURED BY A TRUSS SUPPLIER WHO IS A MEMBER OF THE TRUSS PLATE INSTITUTE OR WHO USES METAL PLATES FROM A MANUFACTURER WHO IS A MEMBER.
- ALL BRACING, QUALITY CONTROL, AND ERECTION OF TRUSSES SHALL CONFORM TO THE TRUSS MANUFACTURER'S GUIDELINES AND SPECIFICATIONS AS STATED ON THE TRUSS SHOP DRAWINGS.
- TRUSS SHOP DRAWING SUBMITTAL SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF THE PROJECT'S LOCATION.
- SHOP DRAWINGS TO INCLUDE PLAN SHOWING LAYOUT OF TRUSSES, DETAILS OF TRUSSES, BRACING, AND ANY OTHER INFORMATION REQUIRED TO COMPLETE THE TRUSS INSTALLATION FOR THE PROJECT.

TRUSS NOTES CONT.

- PROVIDE HEADERS AS DETERMINED BY ACCEPTABLE ENGINEERING DESIGN STANDARDS AT AREAS WHERE THE TRUSSES REQUIRE HEADERS TO ADJACENT TRUSSES.
- TRUSS DESIGNER SHALL BE RESPONSIBLE FOR VERIFYING ALL REQUIRED MEASUREMENTS FROM THE PLANS BEFORE COMPLETION OF TRUSS DRAWINGS. DRAWINGS MUST BE APPROVED BY OWNER PRIOR TO START OF CONSTRUCTION OF TRUSSES.
- TRUSS MANUFACTURER IS RESPONSIBLE FOR DESIGN OF BRACINGS OF TRUSSES AND UPLIFT CONNECTIONS.

TYPICAL CONNECTOR SUMMARY

- CONNECTOR REFERENCED NUMBERS ARE SIMPSON STRONG-TIE COMPANY OR UNITED STEEL PRODUCTS (USP) LUMBER CONNECTORS.
- ALL CONNECTORS AND HARDWARE SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SIZE, QUANTITY, AND LOCATION OF ALL NAILS AND FASTENERS SHALL CONFORM TO THE MANUFACTURER'S PUBLISHED LITERATURE.
- SIMPSON SPH4 / SPH6 OR USP SPTH4 / SPTH6 AT BOTTOM AND TOP OF EXTERIOR STUDS @32" O.C. UNLESS OTHERWISE NOTED.
- FRONT AND REAR PORCHES - PORCH COLUMNS (6"X6" OR 8"X8") SHALL BE ANCHORED THE BEAM WITH SIMPSON STRONG-TIE PC66 B(6") OR PC88 (8") OR EQUIVALENT USING 10 - 16D NAILS (6") - 12 - 16D NAILS (8") UNLESS OTHERWISE NOTED. THE COLUMN SHALL BE ANCHORED TO THE CONCRETE USING SIMPSON 6x6 OR 8x8 POST BASE WITH 5/8" ANCHOR BOLT, MINIMUM 7" EMBEDMENT.
- GARAGE DOOR SHALL BE DESIGNED BY MANUFACTURER FOR DESIGN WIND REQUIREMENTS AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- ALL PHASES OF THE WORK SHALL CONFORM TO THE MINIMUM STANDARDS AND REQUIREMENTS OF THE LATEST ADOPTED CODE OF THE INTERNATIONAL BUILDING CODE AND ITS RELATED REFERENCES.
- THE REQUIREMENTS OF THE CURRENTLY ADOPTED BUILDING CODE AND ITS FASTENER SCHEDULE TABLE FOR STRUCTURAL MEMBERS SHALL BE STRICTLY ADHERED TO FOR THE NAILING OF ALL WOOD FRAMING CONSTRUCTION.

PLUMBING, HVAC, AND ELECTRICAL NOTES:

- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE (IPC) 2018 EDITION AND ITS RELATED REFERENCES.
 - ALL HVAC WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE (IMC) 2018 EDITION AND ITS RELATED REFERENCES.
 - ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL ELECTRICAL CODE (IEC) 2018 EDITION AND 2012 ENERGY CODE AND THEIR RELATED REFERENCES.
- PRE-ENGINEERED FLOOR JOISTS, GIRDERS, AND BEAM NOTES
- FLOOR JOIST, GIRDERS, I-JOIST, LVL BEAMS, AND BEAMS NOT CALLED OUT SHALL BE ENGINEERED AND MANUFACTURED BY OTHERS.
 - SUB-FLOOR MUST BE GLUED AND NAILED TO FLOOR JOISTS.
 - THE MANUFACTURER MUST BE CONSULTED REGARDING ALL POINTS OF BEARING OF THE JOISTS AND POINTS OF LOADS ON THE JOISTS.
 - JOIST CONNECTIONS TO SUPPORTS SHALL BE SPECIFIED BY JOIST MANUFACTURER. CONNECTION SHALL BE DESIGNED TO CARRY THE JOIST'S SHEAR CAPACITY. THE SUPPORT MEMBER SHALL BE CONSIDERED IN THE CONNECTION DESIGN. THE SUPPORT MEMBER SHALL NOT BE OVER-STRESSED IN THE CONNECTION DESIGN. THE SUPPORT MEMBER SHALL NOT BE OVERSTRESSED AT THE JOIST CONNECTION.
 - THE CONTRACTOR/OWNER SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS FROM THE FLOOR JOIST MANUFACTURER THE THE DESIGNER AND ENGINEER OF RECORD FOR REVIEW. THE SUBMITTED CALCULATIONS AND SHOP DRAWINGS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER. THE ENGINEER REVIEW DOES NOT RELIEVE THE CONTRACTOR/JOIST MANUFACTURER OF ANY RESPONSIBILITY IN COMPLETING THE DESIGN, MANUFACTURE, AND INSTALLATION OF FLOOR JOISTS WHICH ARE ADEQUATE FOR THIS APPLICATION.

ENERGY

- BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND PIPES AND WIRES OR BE PLACED BEHIND PIPING & WIRING. INSULATION TO BE STAPLED TO FACE OF STUD.
- AIR PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
- SPACE BETWEEN WINDOWS AND DOORS TO BE SEALED. CORNERS, HEADERS, AND SILL PLATES TO BE SEALED.
- RIM JOISTS TO BE INSULATED.
- A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN THE BUILDING ENVELOPE.
- BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE SEALED (TAPED).
- PROGRAMMABLE THERMOSTAT IS REQUIRED.
- A MINIMUM OF 75% LIGHTS USED SHALL BE HIGH EFFICACY.
- RECESSED LIGHT FIXTURES SHALL BE SEALED TO BE AIRTIGHT.
- MINIMUM U-FACTOR: 40. MINIMUM SHGC: 0.25.
- PEEL & SEAL ALUMINUM BACKED TAPE REQUIRED TO BE APPLIED TO ALL EDGES OF WINDOWS.

H. MASONRY

- MASONRY BLOCK SHALL MEET ASTM C90. MASONRY MORTAR SHALL BE TYPE "S" GROUT FOR MASONRY WALLS SHALL MEET ASTM C476 & CSA A179.

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| Revisions | | |
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| DM | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 12.30.21 | |
| Date | |

Sheet Title

GENERAL NOTES

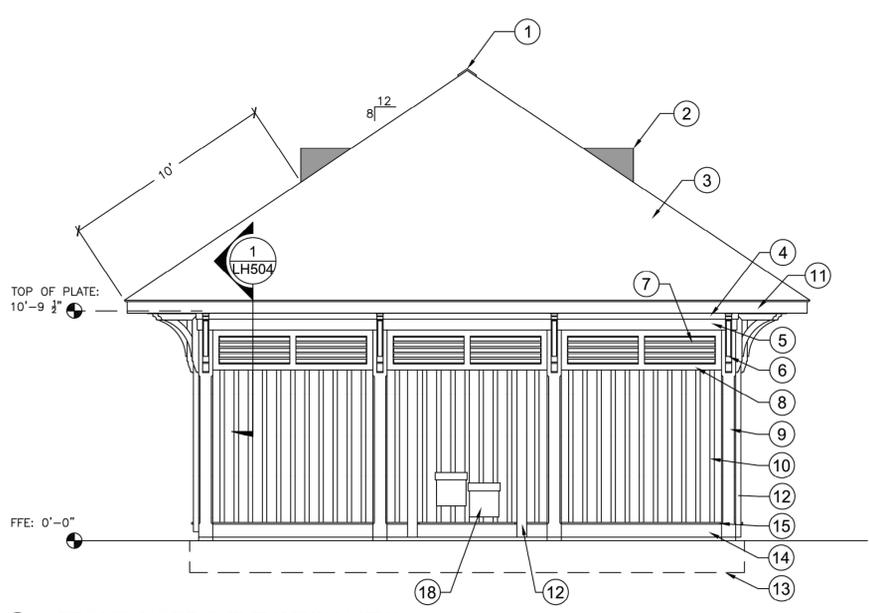
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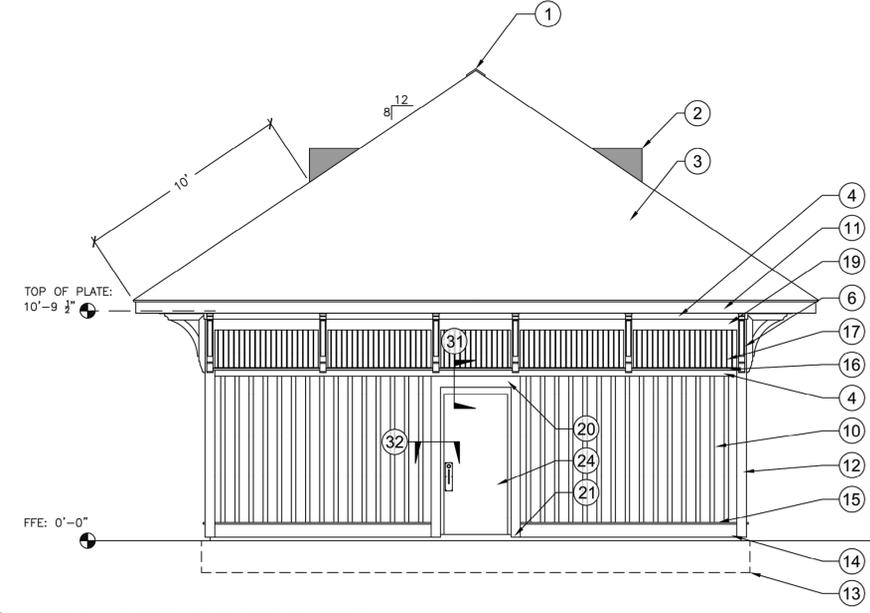
BUBBLE CALLOUT LEGEND

- ① SHINGLE OVER RIDGE VENT, COR-A-VENT V-600, 8 1/2" WIDE INSTALL PER MANUFACTURERS SPECS.
- ② HALF-ROUND LOUVERED DORMER ROOF VENTS, MODEL DV236 COPPER 36"W X 18"H, 8/12 ROOF PITCH, FROM EJMcooper, Inc. ph. (407)447-0074.
- ③ ROOFING SHINGLES.
- ④ TRIM, HARDIE 1 X 4.
- ⑤ BEAM TRIM, HARDIE 1 X 8.
- ⑥ WOOD BRACKETS.
- ⑦ WOOD LOUVERS.
- ⑧ LOUVER TRIM, HARDIE 1 X 4.
- ⑨ POST, 8X8 TREATED PINE, CLEAR GRADE, DENSE SELECT, POST EQUAL SPACED IF NOT NOTED ON PLANS, SEE STRUCTURAL FOR ANCHOR DETAIL.
- ⑩ BOARD AND BATTEN SIDING, HARDIE 1 X 3 BATTENS @ 8" O.C..
- ⑪ FACIA, HARDIE 1 X 8.
- ⑫ CORNER TRIM, HARDIE 1 X 6.
- ⑬ FOUNDATION BELOW.
- ⑭ BASE BOARD, HARDIE 1 X 8.
- ⑮ BASE BOARD DRIP CAP.
- ⑯ DRIP CAP.
- ⑰ BEADED BOARD PANELING, HARDIE.
- ⑱ DRINKING FOUNTAINS/WATER BOTTLE FILLER
- ⑲ TRIM, HARDIE 1 X 6.
- ⑳ DOOR HEADER TRIM, HARDIE 1X AS NEEDED TO BUTT UP TO 1 X 4 AS SHOWN.
- ㉑ DOOR CASING TRIM, HARDIE 1 X 6.
- ㉒ CHAMFERED EDGES, 3/4" ROUTER CHAMFERED EDGES AT ALL FOUR CORNERS OF POST.
- ㉓ CHAMFERED EDGES, OUTSIDE CORNERS HERE ONLY.
- ㉔ DOOR, METAL DOOR WITH HOLLOW METAL FRAME WITH HINGES, JAMBS, HEADER, AND STOPS, DOOR IS TO BE 3'-0" WIDE X 7'-0" HEIGHT X 1 3/4" THICK, DOOR CLOSURE AND DOOR HARDWARE PER CITY OF FOLEY REQUIREMENTS. SEE DETAILS 3 SHEET LH503 FOR METAL FRAME DIMENSIONS AND DETAILS.
- ㉕ WINDOW, HOLLOW METAL FRAME WINDOW WITH 1/2 PLEXIGLASS GLAZING, WINDOW FRAME SIZED TO FIT 2'-3/8" X 8'-3/8" ROUGH OPENING, SEE DETAIL 1A SHEET LH502 AND DETAIL 1 SHEET LH503 FOR FRAME DIMENSIONS AND WINDOW DETAILS.
- ㉖ CHANGING STATION, WALL MOUNTED.
- ㉗ CMU WALLS,
- ㉘ WALL VENEER,
- ㉙ HC STALL DOOR, 36" WIDE.
- ㉚ STALL PARTITIONS,
- ㉛ SECTION AT DOOR HEADER, SEE DETAIL 3B SHEET LH503
- ㉜ SECTION AT DOOR JAMB, SEE DETAIL 3A SHEET LH503



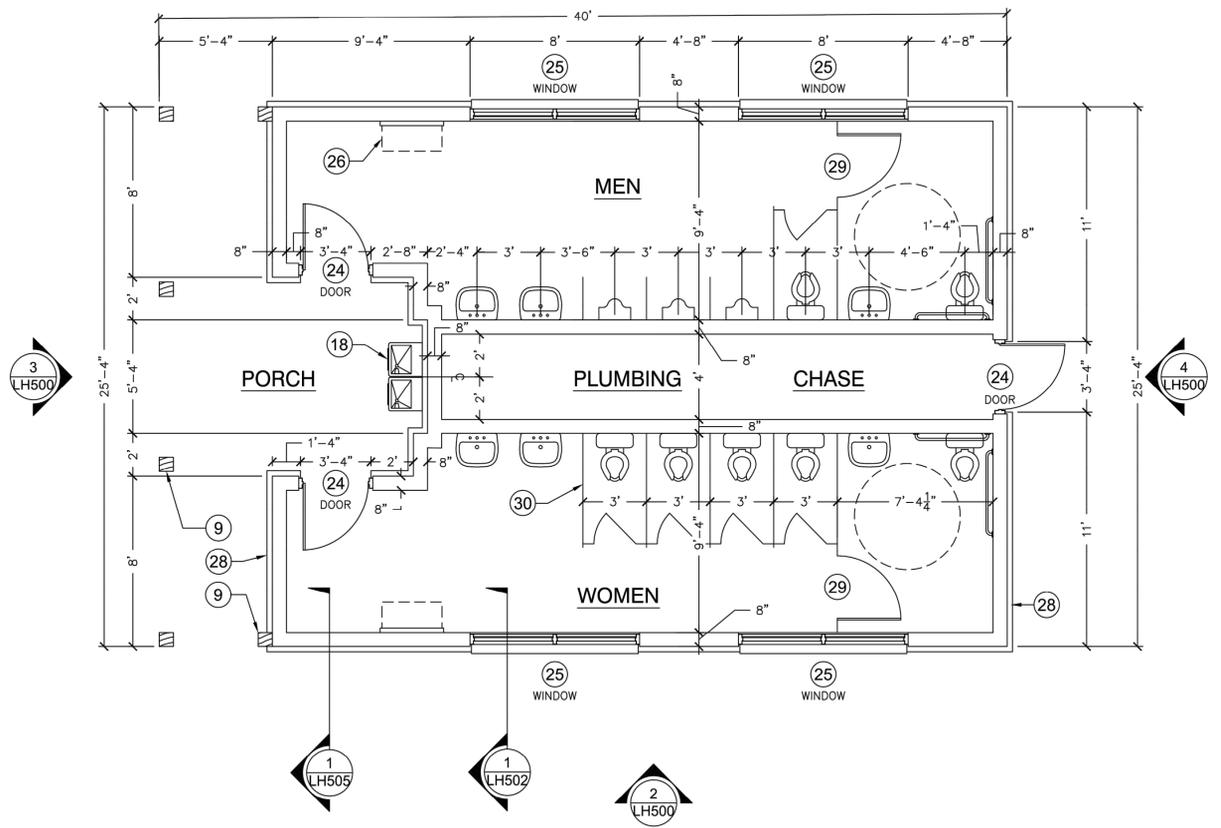
3 FRONT (NORTH) ELEVATION VIEW
1/4" = 1'-0"

WALL-FCS-15



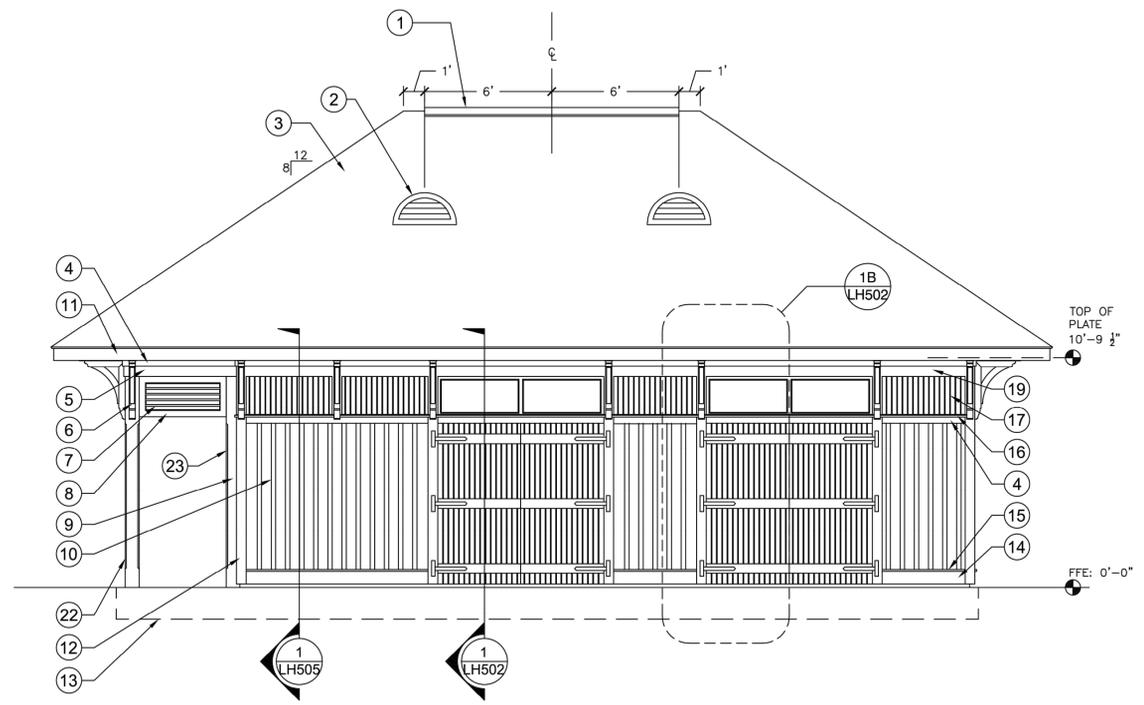
4 REAR (SOUTH) ELEVATION VIEW
1/4" = 1'-0"

WALL-FCS-19



1 BUILDING FLOOR PLAN
1/4" = 1'-0"

WALL-FCS-02



2 WEST ELEVATION VIEW
1/4" = 1'-0"

WALL-FCS-13

| Revisions | | |
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| LCW | Project Manager |
| LCW | Principal |
| 216003-018 | Project No. |
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Sheet Title

BUILDING DETAILS

Sheet No.
LH500

2-1-2023

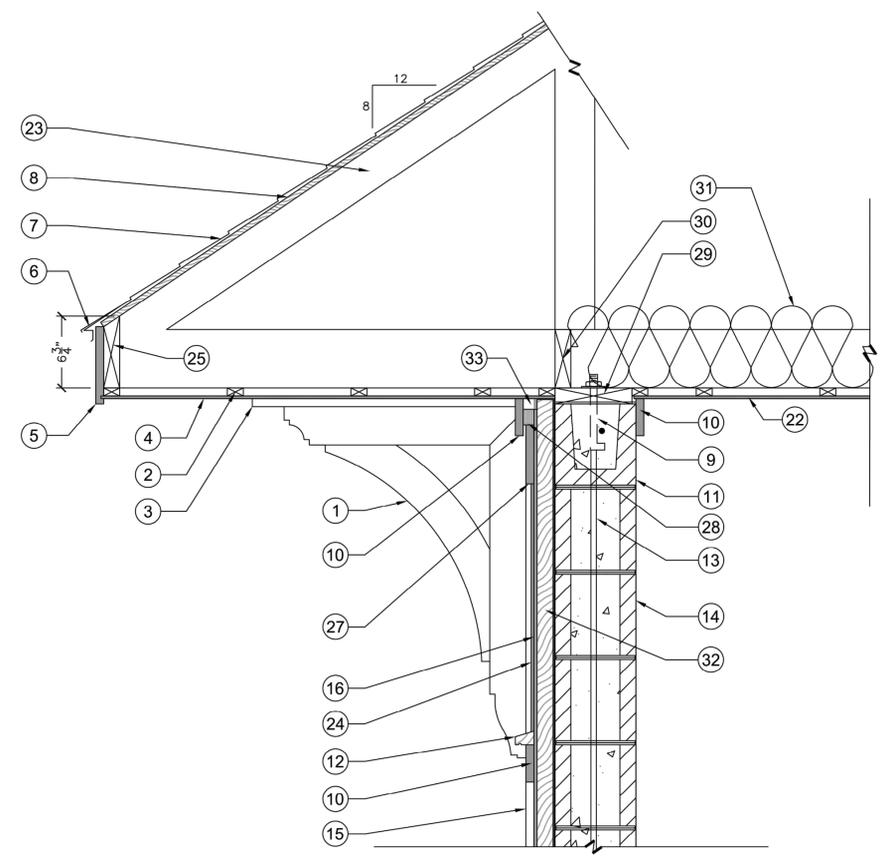


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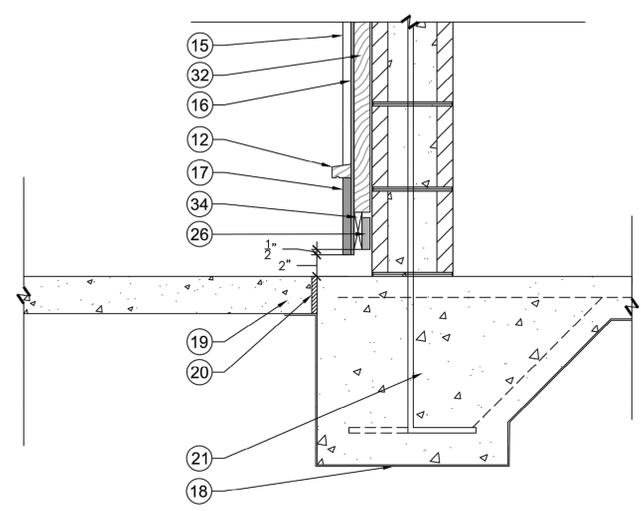
BUBBLE CALLOUT LEGEND

- 1 WOOD BRACKET, MODEL BR 02T34-2333 FROM: TIMBERBUILD, CEDAR, SMOOTH FINISH, .TOTAL QTY. REQUIRED 26.
- 2 SOFFIT AND CEILING FURRING, 1 X 2 SYP AT 12"-16" ON CENTER AS NEEDED, SHIM AS NEEDED TO LEVEL SOFFIT AND CEILINGS TO RECEIVE FINISH 1/4" PANEL MATERIAL.
- 3 BRACKET TOPPER, HARDIE 1 X 6 TOPPER TO BE RIPPED TO 4 1/2" FINISH WIDTH AND LENGTH TO PROJECT 2" FROM THE END OF THE BRACKET. CENTER TOPPER OVER BRACKET.
- 4 SOFFIT BOARD, HARDIE 1/4" VENTED AND NON VENTED SELECT CEDARMILL SOFFIT PANEL MATERIAL AS NEEDED. INSTALL WITH MODERATE BUTT JOINTS PER MANUFACTURER'S SPECS. JOINTS TO BE EXPOSED, CAULKED AND PAINTED PER MANUFACTURER'S SPECS.
- 5 FINISH FACIA, HARDIE 1 X 8 TRIM WITH DADO TO RECEIVE 1/4" VENTED SOFFIT AS SHOWN.
- 6 CONTINUOUS METAL DRIP EDGE, 1 1/2" X 4" MIN. POWDER COATED PAINT COLOR TO MATCH TRIM PAINT.
- 7 ROOFING SHINGLES, ARCHITECTURAL ASPHALT ROOFING SHINGLES TO MATCH EXISTING DEPOT SHINGLES, TO BE 130 MPH OR GREATER WIND SPEED RATING AND ASTM D7158 CLASS H OR ASTM D3161 CLASS F. CLASS A FIRE RATING. INSTALL OVER FULL LAYER OF SELF-ADHERING POLYMER MODIFIED BITUMEN MEMBRANE MEETING ASTM D1970 REQUIREMENTS. COVER MEMBRANE WITH 15 LB FELT BEFORE SHINGLES ARE APPLIED TO PROVIDE BOND BREAK AND TO KEEP SHINGLES FROM FUSING WITH SELF-ADHERING MEMBRANE.
- 8 ROOF DECKING, 7/16" OSB, ATTACHED WITH 8D RING SHANK NAILS, SPACED NOMINALLY AT 6" O.C. ALONG EDGES AND IN THE FIELD.
- 9 J-BOLTS, 5/8" X 8" GALV, WITH NUT AND WASHER, SPACE PER STRUCTURAL ENGINEER'S SPECS.
- 10 TRIM, HARDIE 1 X 4.
- 11 CONTINUOUS BOND BEAM, 8 X 8 X 16 CMU WITH REBAR PER STRUCTURAL ENGINEER'S SPECS.
- 12 CONTINUOUS DRIP CAP, SEE BUBBLE CALL OUT #14 AND DETAIL 2B SHEET LH503.
- 13 VERT REBAR REINFORCEMENT, #4 REBAR LOCATED IN CMU WALLS AND TIED TO BOND BEAM PER STRUCTURAL ENGINEER.
- 14 CMU WALLS, 8 X 8 X 16 PER STRUCTURAL ENGINEER'S SPECS.
- 15 VERTICAL BATTENS, HARDIE 1 X 3 BATTENS SPACED 8" O.C., SEE ELEVATION VIEWS FOR TYPICAL SPACING LAYOUT CONCEPT.
- 16 FINISH WALL SHEATHING, HARDIE SELECT CEDARMILL PANEL BOARD, 5/16" THICK, FASTEN TO FURRING PER MANUFACTURER'S SPECS.
- 17 BASE TRIM, HARDIE 1 X 8, INSTALL PER MANUFACTURER'S SPECS. SEE ELEVATION VIEWS FOR LOCATIONS.
- 18 VAPOR BARRIER, 6 MIL VISQUEEN.
- 19 P.I.P. CONCRETE PAVING, 3500 PSI CONCRETE WITH 6 X 6 10/10 WIRE MESH, SOFT BROOM FINISH, SEE JOINTING PLAN FOR JOINT LAYOUT AND GRADING PLAN FOR SLOPES.
- 20 EXPANSION JOINT, 1/2" THICK FIBERBOARD JOINT MATERIAL, APPLY GRAY COLOR SELF LEVELING JOINT COMPOUND TO TOP 1/2" DEPTH OF JOINT.
- 21 CONCRETE SLAB AND FOOTING, 4000 PSI CONCRETE WITH REBAR PER STRUCTURAL ENGINEER, FLOOR FINISH TO BE HARD TROWELED FIRST AND THEN APPLY SOFT BROOM FINAL FINISH. SEE JOINTING PLAN FOR SAWED JOINTS LAYOUT.
- 22 BEADED BOARD CELLING, HARDIE 1/4" PANEL WITH MODERATE BUTT JOINTS PER MANUFACTURER. ENSURE PURLS ARE LOCATED AT JOINTS AS NEEDED, CLEAN EXPOSED CAULKED JOINTS ARE DESIRED...DO NOT COVER JOINTS WITH TRIM OR PANEL MOULDING.
- 23 TRUSSES PER STRUCTURAL ENGINEER OR TRUSS MANUFACTURER, SEE DETAIL 1 SHEET LH505.
- 24 VERTICAL BEADED BOARD, HARDIE PANEL BOARD, 1/4" THICK, SET OVER 5/16" CEDARMILL PANEL BOARD AS INFILL WITHIN HARDIE TRIM BOARDS. SEE ELEVATION VIEWS FOR LOCATIONS.
- 25 SUB FACIA, 2 X 8 No.1 SYP, RIPPED AS SHOWN AND SHIM AS NEEDED TO RUN HARDIE 1 X 8 FINISH FACIA STRAIGHT AND LEVEL.
- 26 CONTINUOUS STRIP VENT, COR-A-VENT, SV-5, ATTACH TO CMU WITH TAP CON SCREWS AT 12" O. C. AND CONSTRUCTION ADHESIVE.
- 27 TRIM, HARDIE 1 X 6.
- 28 STRIP VENT, COR-A-VENT S-400 STRIP VENT.
- 29 TOP PLATE, 2 X 8 No.1 TREATED PINE.
- 30 BLOCKING, 2 X 6 No. 2 SYP.
- 31 CEILING INSULATION, R-30.
- 32 FURRING, VERTICAL 2 X 4 TREATED PINE SPACED 16" O.C. AND AT PANEL JOINTS AS NEEDED. ATTACH TO CMU WITH CONSTRUCTION ADHESIVE AND POWERED ACTUATED MASONRY FASTENERS OR TAP CON MASONRY SCREWS AT 12" O.C..
- 33 VENT GAP, LEAVE 1" AIR SPACE GAP FOR VENTILATION AT TOP OF PANEL BOARD.
- 34 WOOD SPACER, 1 X 4 NO. 2 TREATED PINE.

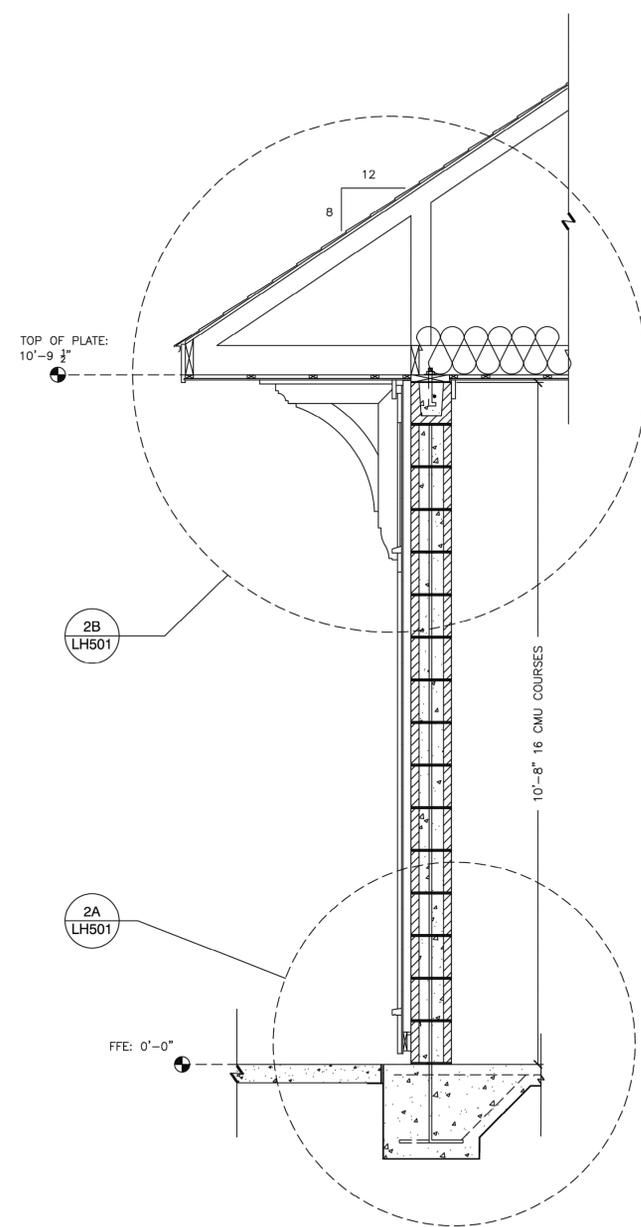
GENERAL NOTE:
ALL HARDIE TRIM AND BATTENS ARE TO BE SELECT CEDARMILL FINISH.



B TOP OF TYPICAL WALL ENLARGEMENT



A BOTTOM OF TYPICAL WALL ENLARGEMENT



1 TYPICAL WALL DETAIL SECTION
3/4" = 1'-0"
WALL-FCS-04

2 TYPICAL WALL DETAIL SECTION ENLARGEMENTS
1 1/2" = 1'-0"
WALL-FCS-03

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| 216003-018 | Principal |
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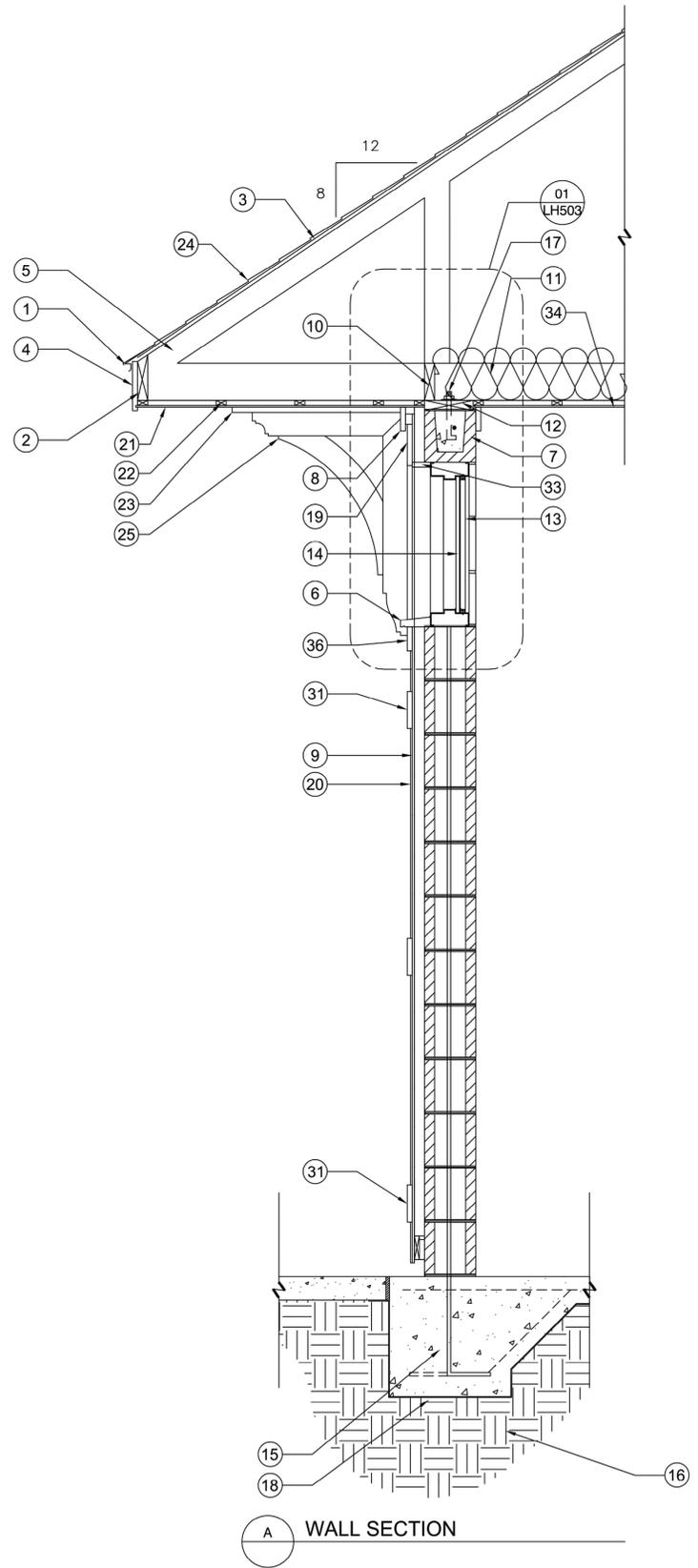
Sheet Title

BUILDING DETAILS

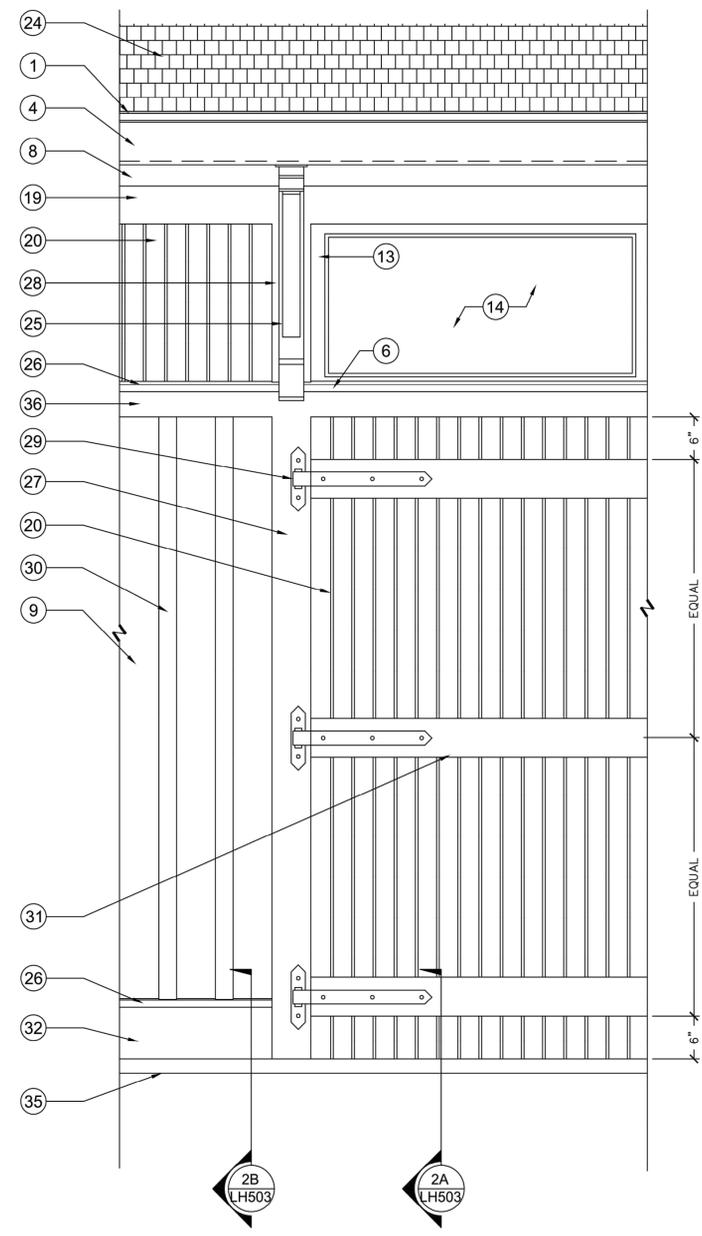
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A WALL SECTION



B WALL ELEVATION

BUBBLE CALLOUT LEGEND

- 1 CONTINUOUS METAL DRIP EDGE, 1 1/2" X 4" MIN. POWDER COATED PAINT COLOR TO MATCH TRIM PAINT.
- 2 SUB FACIA, 2 X 8 No.1 SYP, RIPPED AS SHOWN AND SHIM AS NEEDED TO RUN HARDIE 1 X 8 FINISH FACIA STRAIGHT AND LEVEL.
- 3 ROOF DECKING, 7/16" OSB, ATTACHED WITH 8D RING SHANK NAILS, SPACED NOMINALLY AT 6" O.C. ALONG EDGES AND IN THE FIELD.
- 4 FINISH FACIA, HARDIE 1 X 8 TRIM WITH DADO TO RECEIVE 1/4" VENTED SOFFIT AS SHOWN.
- 5 TRUSSES, PER STRUCTURAL ENGINEER OR TRUSS MANUFACTURER.
- 6 SLOPED WINDOW SILL, SEE BUBBLE CALL OUT #9 AND DETAIL 1 SHEET LH503, SILL TO BUTT UP TO BRACKET AS SHOWN.
- 7 CONTINUOUS BOND BEAM, 8 X 8 X 16 CMU PER STRUCTURAL ENGINEER'S SPECS.
- 8 CORNICE TRIM, HARDIE 1 X 4, WITH S-400 COR-A-VENT STRIP VENT BACKING. TO BUTT UP TO BRACKET.
- 9 FINISH WALL SHEATHING, HARDIE SELECT CEDARMILL PANEL BOARD, 5/16" THICK, FASTEN TO FURRING PER MANUFACTURER'S SPECS.
- 10 BLOCKING, 2 X 6 NO. 2 SYP, TO CONTAIN INSULATION.
- 11 CEILING INSULATION, R-30, THICKNESS AS NEEDED PER CLIMATE ZONE.
- 12 TOP PLATE, 2 X 8 No.1 TREATED PINE.
- 13 METAL WINDOW FRAME, SEE DETAIL 1 SHEET LH503.
- 14 GLAZING, 1/2" THICK PLEXIGLASS.
- 15 CONCRETE SLAB AND FOOTING, 4000 PSI CONCRETE WITH REBAR PER STRUCTURAL ENGINEER, FLOOR FINISH TO BE HARD TROWELED FIRST AND THEN APPLY SOFT BROOM FINAL FINISH. SEE JOINTING PLAN FOR SAWED JOINTS LAYOUT.
- 16 COMPACTED SUBGRADE TO AT LEAST 95% OF MODIFIED PROCTOR DENSITY (ASTM D1557).
- 17 J-BOLTS, 5/8" X 8" GALV, WITH NUT AND WASHER, SPACE PER STRUCTURAL ENGINEER'S SPECS.
- 18 VAPOR BARRIER, 6 MIL VISQUEEN.
- 19 TRIM, HARDIE 1 X 6.
- 20 VERTICAL BEADED BOARD, HARDIE PANEL BOARD, 1/4" THICK, SET OVER 5/16" CEDARMILL PANEL BOARD AS INFILL WITHIN HARDIE TRIM BOARDS. SEE ELEVATION VIEWS FOR LOCATIONS.
- 21 SOFFIT BOARD, HARDIE 1/4" VENTED AND NON VENTED SELECT CEDARMILL SOFFIT PANEL MATERIAL AS NEEDED. INSTALL WITH MODERATE BUTT JOINTS PER MANUFACTURER'S SPECS. JOINTS TO BE EXPOSED, CAULKED AND PAINTED PER MANUFACTURER'S SPECS.
- 22 SOFFIT AND CEILING FURRING, 1 X 2 SYP AT 12"-16" ON CENTER AS NEEDED, SHIM AS NEEDED TO LEVEL SOFFIT AND CEILINGS TO RECEIVE FINISH 1/4" PANEL MATERIAL.
- 23 BRACKET TOPPER, HARDIE 1 X 6 TOPPER TO BE RIPPED TO 4 1/2" FINISH WIDTH AND LENGTH TO PROJECT 2" FROM THE END OF THE BRACKET. CENTER TOPPER OVER BRACKET.
- 24 ROOFING SHINGLES, ARCHITECTURAL ASPHALT ROOFING SHINGLES TO MATCH EXISTING DEPOT SHINGLES, TO BE 130 MPH OR GREATER WIND SPEED RATING AND ASTM D7158 CLASS H OR ASTM D3161 CLASS F. CLASS A FIRE RATING. INSTALL OVER FULL LAYER OF SELF-ADHERING POLYMER MODIFIED BITUMEN MEMBRANE MEETING ASTM D1970 REQUIREMENTS. COVER MEMBRANE WITH 15 LB FELT BEFORE SHINGLES ARE APPLIED TO PROVIDE BOND BREAK AND TO KEEP SHINGLES FROM FUSING WITH SELF-ADHERING MEMBRANE.
- 25 WOOD BRACKET, MODEL BR 02T34-2333 FROM: TIMBERBUILD, CEDAR, SMOOTH FINISH, SET FLUSH CENTERED TO FACE OF VERTICAL 1X6 HARDIE TRIM BACKING.
- 26 CONTINUOUS DRIP CAP, SEE BUBBLE CALL OUT #14 AND DETAIL 2B SHEET LH503.
- 27 VERT TRIM, HARDIE 1 X 6, OVER HARDIE PANEL SELECT CEDARMILL WALL SHEATHING.
- 28 VERT TRIM BEHIND BRACKET, HARDIE 1 X 6.
- 29 STRAP HINGES, PART NUMBER 1035.00266 DISC BEARING, STRAP SIZE 19" X 2 1/2" X 1/4", PINTLE SIZE 1 3/4" X 8", FROM RICHARDS-WILCOX, AURORA, IL. FASTENERS TO BE 3/8" DIA X 1 1/4" SMOOTH SQUARE HEAD LAG SCREWS FOR STRAPS AND 1/2" DIA X 1 1/2" SMOOTH SQUARE HEAD LAG SCREWS FOR PINTLES, BLACK FINISHES, FROM OLD WEST IRON.
- 30 VERT BATTEN SIDING, HARDIE 1 X 3 EQUAL SPACED AT 8" O.C. TYPICAL.
- 31 HORZ TRIM, HARDIE 1 X 6 OVER HARDIE PANEL SELECT CEDARMILL WALL SHEATHING.
- 32 BASE TRIM, HARDIE 1 X 8, INSTALL PER MANUFACTURER'S SPECS. SEE ELEVATION VIEWS FOR LOCATIONS.
- 33 JAMB TRIM, HARDIE 1 X AS NEEDED.
- 34 INTERIOR CEILING, HARDIE BEADED BOARD PANELING 1/4", MODERATE BUTT JOINT SEAMS PER MANUFACTURER'S SPECS, CAULK AND PAINT.
- 35 FINISH GRADE, SEE GRADING PLAN.
- 36 TRIM, HARDIE 1 X 4.

1 TYP. WALL DETAIL @ WINDOW & FAUX DOORS
1" = 1'-0"

WALL-FCS-20

| Revisions | | |
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|------------|-----------------|
| BH | Registration |
| DM | Drawn |
| LCW | Project Manager |
| LCW | Principal |
| 216003-018 | Project No. |
| 12.30.21 | Date |

Sheet Title

BUILDING DETAILS

Sheet No.

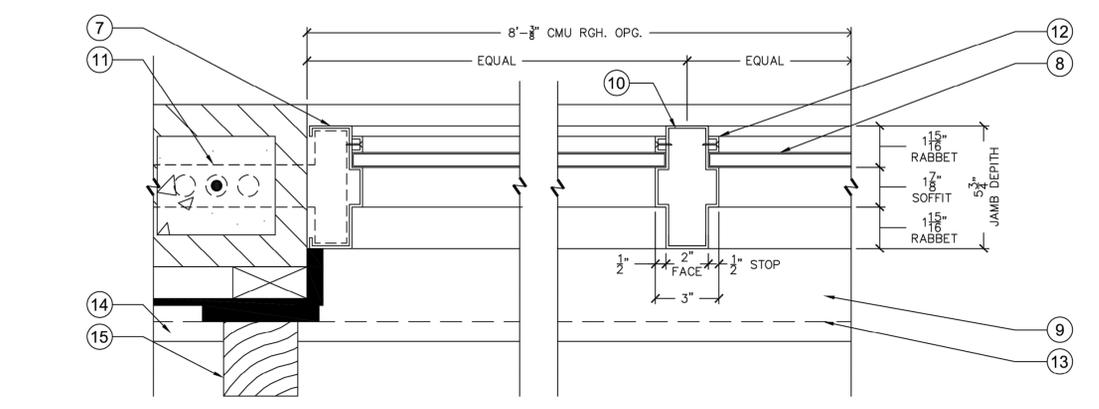
LH502

2-1-2023



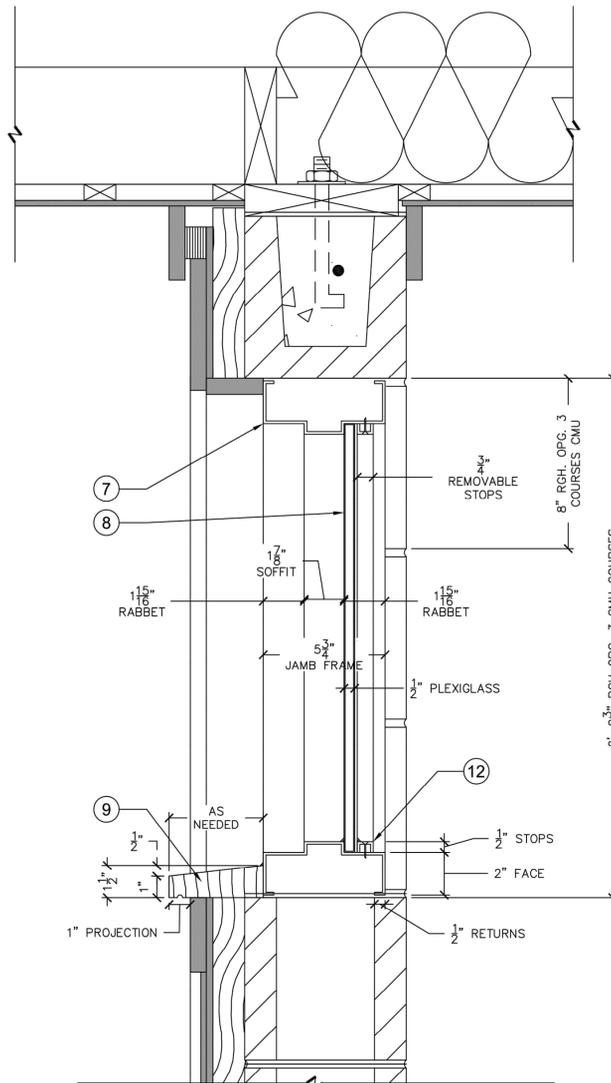
A Landscape Development Plan for
Comfort Station
Foley, Alabama

- BUBBLE CALLOUT LEGEND**
- 1 CONTINUOUS VENT AIR GAP, 1/2".
 - 2 CONTINUOUS STRIP VENT, COR-A-VENT, SV-S, ATTACH TO CMU WITH TAP CON SCREWS.
 - 3 CONTINUOUS SPACER BLOCKING, 1 X 4 TREATED PINE, NO. 2.
 - 4 CONTINUOUS VENT GAP, 1" AT TOP OF PANEL BOARD AND VENT STRIP.
 - 5 CONTINUOUS STRIP VENT, COR-A-VENT S-400 STRIP VENT.
 - 6 CONTINUOUS AIR GAP, 1/4".
 - 7 HOLLOW METAL WINDOW FRAME, INSTALL PER INDUSTRY STANDARDS, CONTINUOUS BEAD SEALS AT WINDOW SILL AND ALL EXTERIOR EXPOSED JOINTS.
 - 8 GLAZING, 1/2" PLEXIGLASS, SET WITH CONTINUOUS GLAZING TAPE AND SEALANT PER INDUSTRY STANDARDS
 - 9 SLOPED WOOD SILL, FABRICATE PER DIMENSIONS AS SHOWN, MATERIAL OPTIONS (CLEAR GRADES, SMOOTH FINISH)...MAHOGANY, SPANISH CEDAR, OR TR'D PINE SELECT DENSE KDAT.
 - 10 CENTER STYLE WINDOW MULLION, HOLLOW METAL TO MATCH JAMB FRAMES AND DIMENSIONS AS SHOWN.
 - 11 MASONRY "T" ANCHORS.
 - 12 REMOVABLE STOPS, MATCH HOLLOW METAL.
 - 13 FACE OF VENEERED WALL BELOW.
 - 14 DRIP CAP, FABRICATE PER DIMENSIONS SHOWN, MATERIAL OPTIONS (SMOOTH FINISH, CLEAR GRADES) MAHOGANY, SPANISH CEDAR, SELECT DENSE TREATED PINE KDAT.
 - 15 WOOD BRACKET.



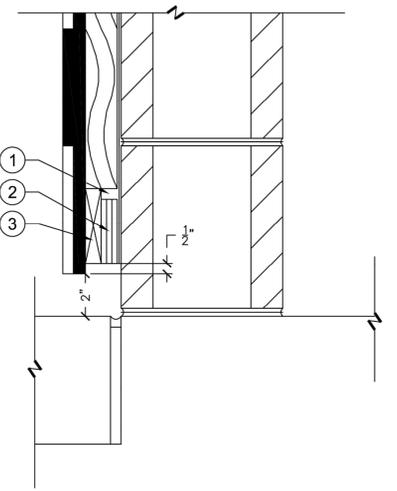
4 PLAN VIEW SECTION @ WINDOW JAMB, MULLION & SILL
3" = 1'-0"

WALL-FCS-08

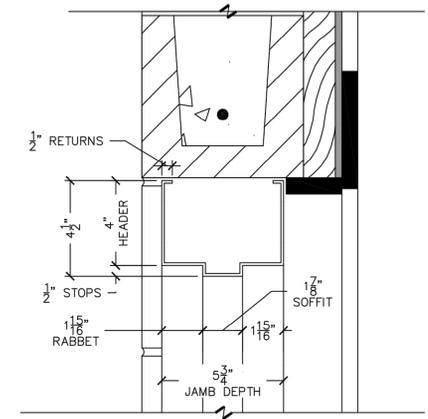


1 SECTION @ HOLLOW METAL FRAME WINDOW
3" = 1'-0"

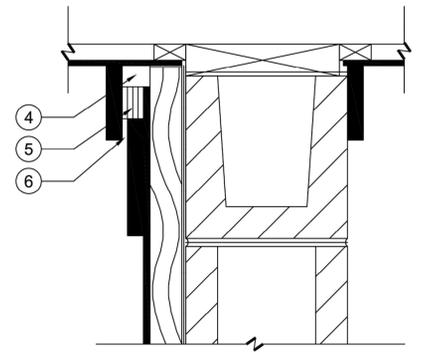
WALL-FCS-07



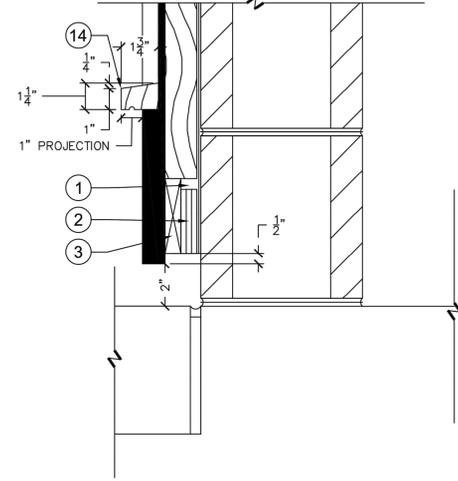
2 TYP VENEERED WALL VENTING DETAILS
3" = 1'-0"



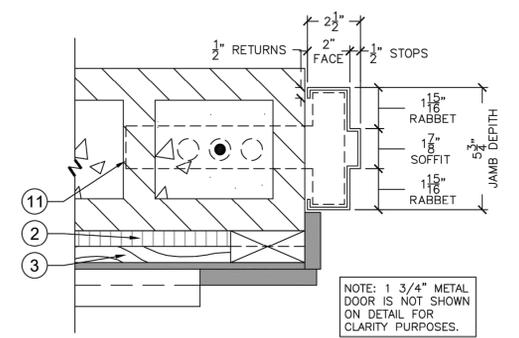
B HEAD SECTION



C TOP OF VENEER WALL VENT



B BOTTOM OF VENEER WALL VENT



A JAMB SECTION

NOTE: 1 3/4" METAL DOOR IS NOT SHOWN ON DETAIL FOR CLARITY PURPOSES.

3 HOLLOW METAL BUTT TYPE DOOR FRAME
3" = 1'-0"

WALL-FCS-17

WALL-FCS-12

Revisions

| No. | Date | Revisions / Submissions |
|----------|------|-------------------------|
| 03.29.23 | | CONSTRUCTION SET |
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| 12.30.21 | Project No. |
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Sheet Title

BUILDING DETAILS

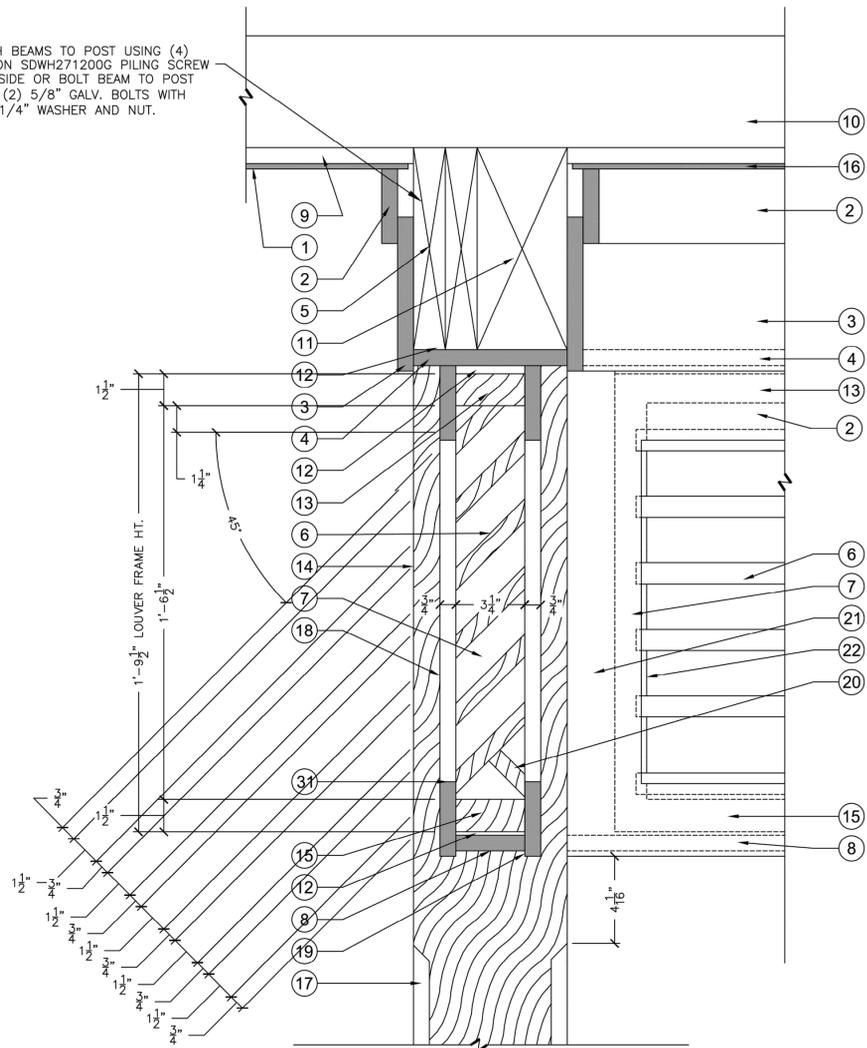
Sheet No. **LH503**

BUBBLE CALLOUT LEGEND

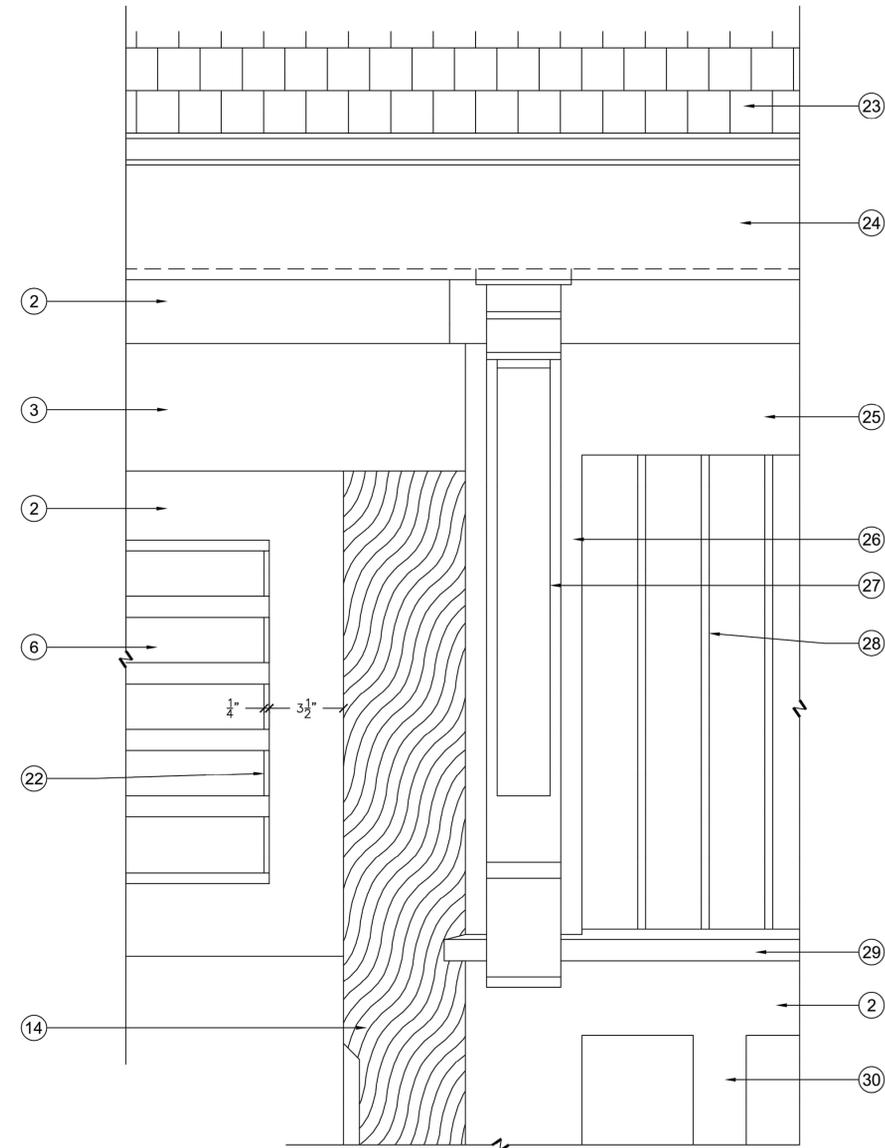
- ① SOFFIT BOARD, HARDIE 1/4" VENTED AND NON VENTED SELECT CEDARMILL SOFFIT PANEL MATERIAL AS NEEDED. INSTALL WITH MODERATE BUTT JOINTS PER MANUFACTURER'S SPECS. JOINTS TO BE EXPOSED, CAULKED AND PAINTED PER MANUFACTURER'S SPECS.
- ② TRIM, HARDIE 1 X 4.
- ③ BOXED BEAM TRIM, HARDIE 1 X 8, SET TO PROVIDE 1/4" REVEAL AT BOTTOM OF BEAM AS SHOWN.
- ④ BOTTOM OF BOXED BEAM TRIM, HARDIE 1 X RIPPED TO SIZE AS NEEDED.
- ⑤ BUILT UP BEAM, DOUBLE 2 X 10 NO. 1 TREATED PINE, NOTCH POST TO RECEIVE BEAM FLUSH TO FACE OF POST, FASTEN TO POST.
- ⑥ LOUVERS, CUT FROM 1 X 6 TREATED PINE, CLEAR GRADE, SELECT DENSE, SIZE AS SHOWN, SET INTO 1/2" DADOES AT SIDE JAMBS.
- ⑦ SIDE JAMB LOUVER FRAME, CUT FROM 2 X 4 TREATED PINE, FINISH SIZE TO BE 1 1/2" X 3 1/4", CLEAR GRADE, SELECT DENSE, WITH 1/2" ROUTED DADOES TO RECEIVE 3/4" LOUVERS.
- ⑧ BOTTOM TRIM, RIP FROM 1X4 HARDIE TRIM.
- ⑨ SOFFIT AND CEILING FURRING, 1 X 2 SYP AT 12"-16" ON CENTER AS NEEDED, SHIM AS NEEDED TO LEVEL SOFFIT AND CEILING TO RECEIVE FINISH 1/4" PANEL MATERIAL.
- ⑩ BOTTOM CHORD OF TRUSSES.
- ⑪ BOXED OUT AS NEEDED.
- ⑫ SHIM SPACE AS NEEDED.
- ⑬ TOP FRAME JAMB OF LOUVERS BEHIND 1 X 4 TRIM, CUT FROM 2 X 4 TREATED PINE, CLEAR GRADE, SELECT DENSE, FINISH SIZE 1 1/2" X 3 1/4".
- ⑭ POST, 8 X 8 TREATED PINE, CLEAR GRADE, SELECT DENSE.
- ⑮ BOTTOM FRAME JAMB OF LOUVERS BEHIND 1 X 4 TRIM, CUT FROM 2 X 4 TREATED PINE, CLEAR GRADE, SELECT DENSE, FINISH SIZE 1 1/2" X 3 1/4".
- ⑯ PORCH CEILING FINISH, HARDIE 1/4" BEADED BOARD PANELING, INSTALL WITH MODERATE BUTT JOINTS, PER MANUFACTURER'S SPECS, RUN PANELS TO PROVIDE MINIMUM CLEAN CAULKED JOINTS AS POSSIBLE.
- ⑰ CHAMFERED CORNERS, ROUTERED 3/4" CHAMFERS. ROUTER AND CHAMFER BIT ONLY, DO NOT ATTEMPT TO USE A SKILL SAW TO CREATE CHAMFERS.
- ⑱ VERT TRIM AT LOUVERS, HARDIE 1 X 4.

- ⑲ DESIRED REVEAL AT BOTTOM OF LOUVER TRIM, 1/4".
- ⑳ FILLER LOUVER, LOCATED ON PORCH SIDE TO CLOSE BOTTOM OF LOUVER TRIM AND PREVENT WATER SETTLING IN BOTTOM OF LOUVERS.
- ㉑ SHIM AND BLOCKING AS NEEDED AT SIDE LOUVER SIDE JAMBS AND CENTER STILE MULLION TRIM, SIZE LOUVERS BETWEEN POST AND CENTER STILE MULLION SO THAT 1 X 4 TRIM WILL HIT LOUVER FACES AND SIDE REVEAL AS DESIRED ON SKETCH.
- ㉒ DESIRED REVEAL AT SIDE JAMB TRIM, 1/4".
- ㉓ ROOFING SHINGLES, ARCHITECTURAL ASPHALT ROOFING SHINGLES TO MATCH EXISTING DEPOT SHINGLES, TO BE 130 MPH OR GREATER WIND SPEED RATING AND ASTM D7158 CLASS H OR ASTM D3161 CLASS F, CLASS A FIRE RATING. INSTALL OVER FULL LAYER OF SELF-ADHERING POLYMER MODIFIED BITUMEN MEMBRANE MEETING ASTM D1970 REQUIREMENTS. COVER MEMBRANE WITH 15 LB FELT BEFORE SHINGLES ARE APPLIED TO PROVIDE BOND BREAK AND TO KEEP SHINGLES FROM FUSING WITH SELF-ADHERING MEMBRANE.
- ㉔ FINISH FACIA, HARDIE 1 X 8 TRIM WITH DADO TO RECEIVE 1/4' VENTED SOFFIT.
- ㉕ TRIM, HARDIE 1 X 6.
- ㉖ CORNER TRIM, HARDIE 1 X 6.
- ㉗ WOOD BRACKET, CENTERED OVER 1 X 6 TRIM, MODEL BR 02T34-2333 FROM: TIMBERBUILD, CEDAR SMOOTH FINISH.
- ㉘ VERTICAL BEADED BOARD, HARDIE PANEL BOARD, 1/4" THICK, SET OVER 5/16" CEDARMILL PANEL BOARD AS INFILL WITHIN HARDIE TRIM BOARDS.
- ㉙ CONTINUOUS DRIP CAP, SEE BUBBLE CALL OUT #14 AND DETAIL 2B SHEET LH503.
- ㉚ VERT BATTEN SIDING, HARDIE 1 X 3 EQUAL SPACED AT 8" O.C. TYPICAL.
- ㉛ NOTE HOW BOTTOM AND TOP LOUVER TRIM HITS THE FACE OF LOUVERS TO PROVIDE A 1/2" FACE EXPOSURE...1/2" EXPOSURE DESIRED...1/4" MIN. ACCEPTABLE...3/4" MAX. ACCEPTABLE

ATTACH BEAMS TO POST USING (4) SIMPSON SDWH271200G PILING SCREW EACH SIDE OR BOLT BEAM TO POST USING (2) 5/8" GALV. BOLTS WITH 3"x3"x1/4" WASHER AND NUT.



A SECTION / ELEVATION @ PORCH BEAM, LOUVERS, AND CEILING



B ELEVATION @ LOUVER, POST, & BUILDING CORNER

2-1-2023



A Landscape Development Plan for
Comfort Station
Foley, Alabama

| Revisions | | |
|-----------|------|-------------------------|
| No. | Date | Revisions / Submissions |
| 03.29.23 | | CONSTRUCTION SET |
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| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
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| 12.30.21 | |
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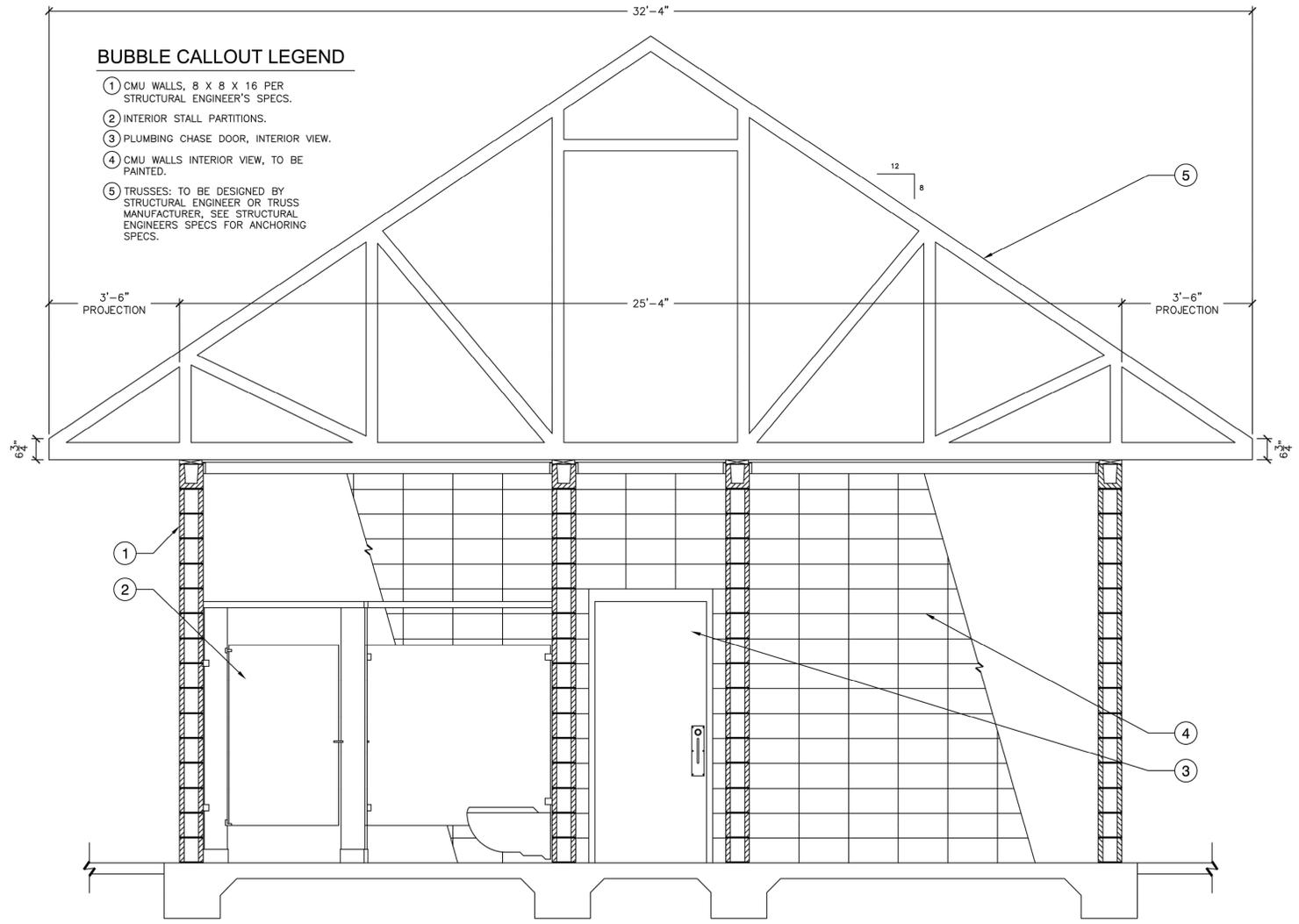
Sheet Title

BUILDING DETAILS

2-1-2023



A Landscape Development Plan for
Comfort Station
Foley, Alabama



1 TYP CMU WALL SECTION , TRUSSES, & STALL PARTITIONS
1/2" = 1'-0"

WALL-FCS-06

| Revisions | | |
|-----------|------|-------------------------|
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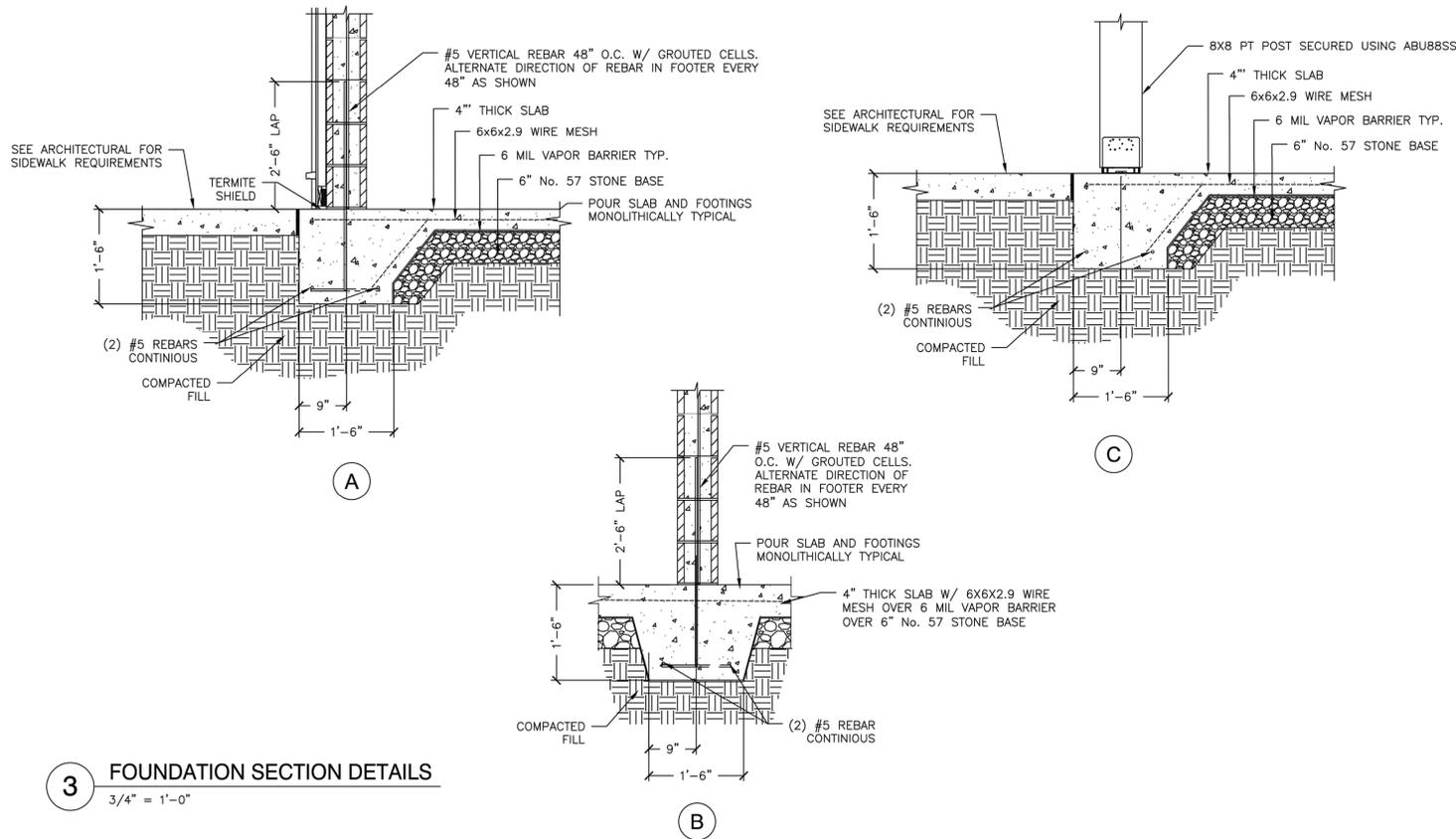
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| DM | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 12.30.21 | |
| Date | |

Sheet Title

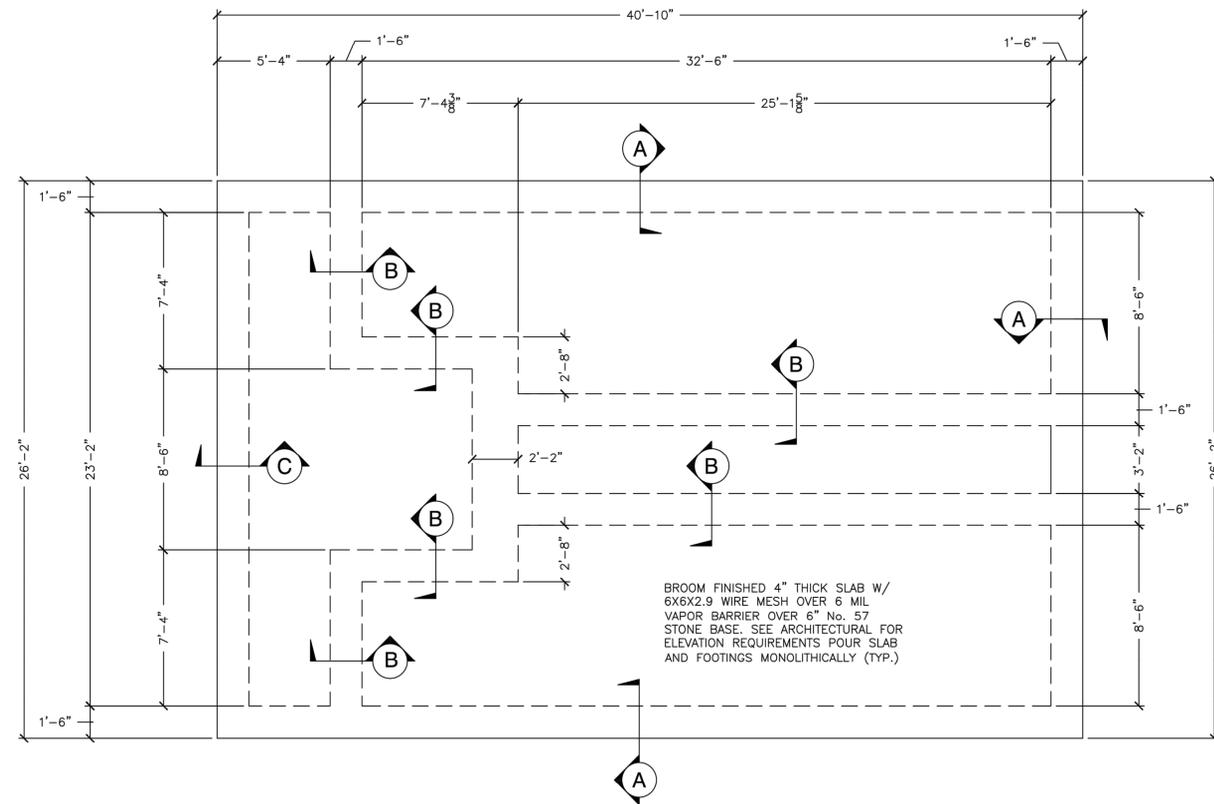
BUILDING DETAILS

Sheet No.

LH505



3 FOUNDATION SECTION DETAILS
3/4" = 1'-0"



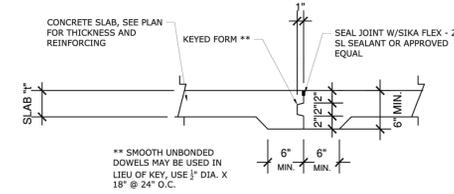
1 FOUNDATION PLAN
1/4" = 1'-0"

WALL-FCS-02

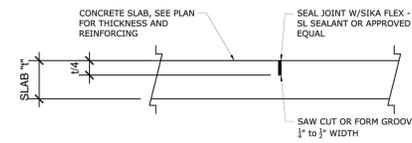
1. Control joints shall be field located by the Contractor.
2. Control joints shall be located to limit the frequency and width of random cracks in the concrete slab.
3. Locate and install control joints in accordance with ACI 360R "Design of Slabs on Ground" and the details shown.
4. Maximum spacing of joints shall be per the table below.
5. Keyed form to be removed before adjacent slab is poured.

MAXIMUM SPACING OF CONTROL JOINTS

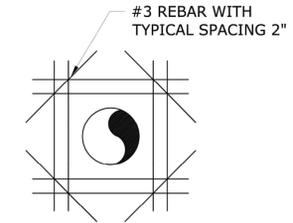
| Slab thickness (t) in. | Slump 4 in. to 6 in. | | Slump less than 4 in. |
|------------------------|---|--|-----------------------|
| | Maximum -size aggregate less than 3/4 in. | Maximum -size aggregate 3/4 in. and larger | |
| 4 | 8 ft. | 10 ft. | 12 ft. |
| 5 | 10 ft. | 13 ft. | 15 ft. |
| 6 | 12 ft. | 15 ft. | 18 ft. |
| 7 | 14 ft. | 18 ft. | 21 ft. |
| 8 | 16 ft. | 20 ft. | 24 ft. |



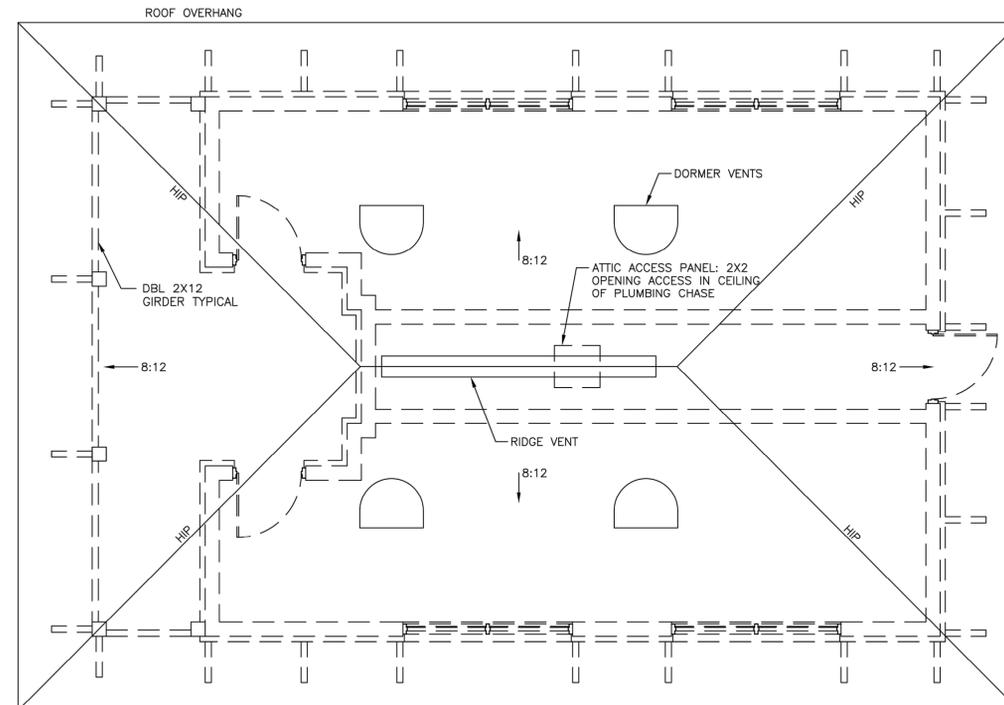
4 CONSTRUCTION JOINT
N.T.S.



5 CONTROL JOINT
N.T.S.



6 SLAB PENETRATION REINFORCEMENT
N.T.S.



2 ROOFING PLAN
1/4" = 1'-0"

WALL-FCS-11

2-1-2023



A Landscape Development Plan for
Comfort Station
Foley, Alabama

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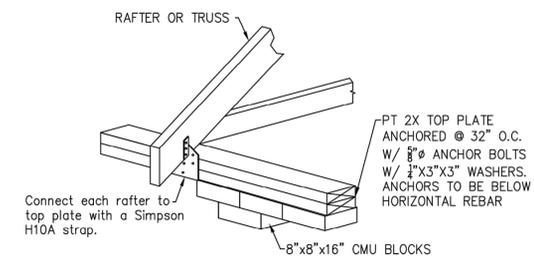
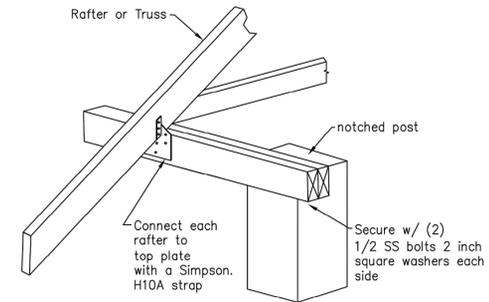
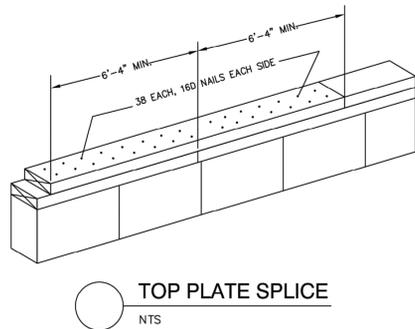
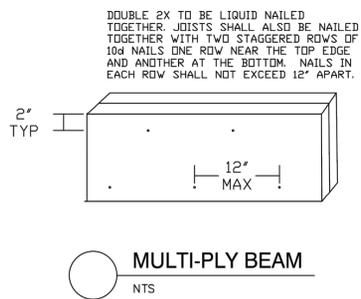
BH _____ Registration
Drawn DM
Project Manager LCW
Principal 216003-018
Project No. 12.30.21
Date

Sheet Title

BUILDING DETAILS

Sheet No.

LH506

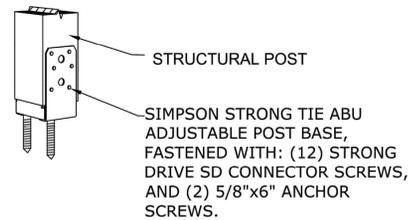


4 RAFTER TO POST BEAM CONNECTION
NTS

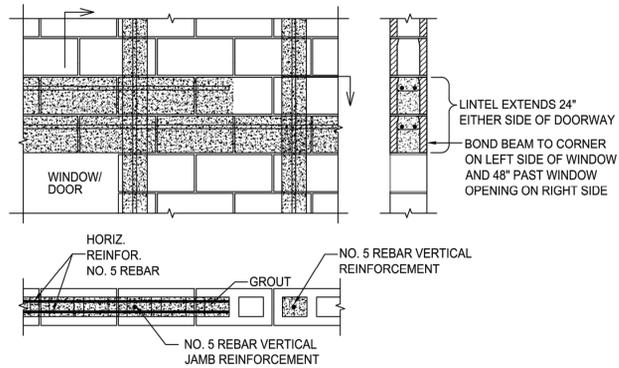
5 RAFTER TO SILL PLATE CONNECTION
NTS

| RAFTER SPAN TABLE @ 16" CENTERS | |
|---------------------------------|----------|
| SIZE | MAX SPAN |
| 2x6 | 11'-8" |
| 2x8 | 14'-9" |
| 2x10 | 17'-6" |
| 2x12 | 20'-8" |

RIDGE BOARD ONE SIZE LARGER THAN RAFTER

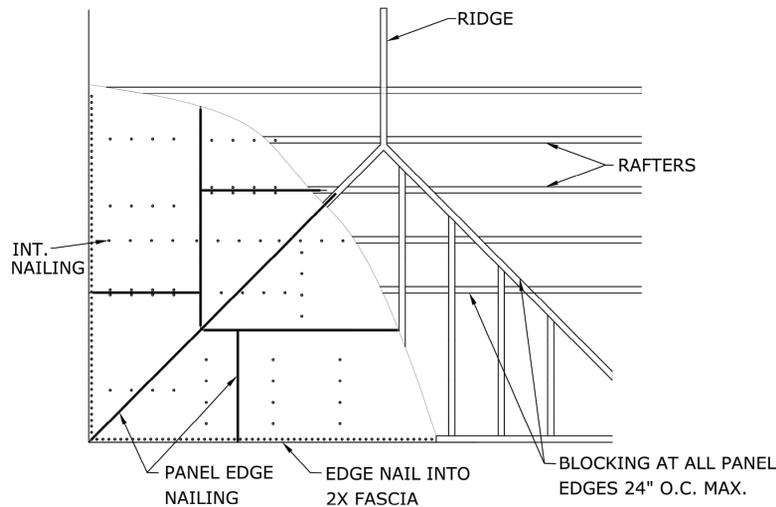


2 8" ABU88SS POST TO CONCRETE CONNECTOR
NTS



6 CMU REINFORCEMENT AND HEADER DETAILS
NTS

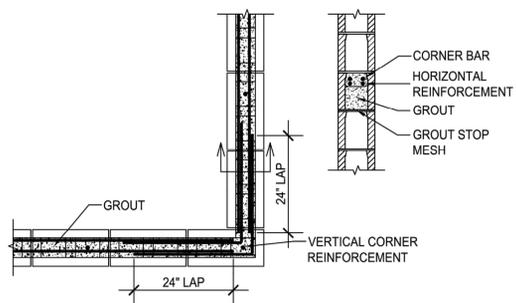
1 OPTIONAL STICK FRAMING TABLE
NTS



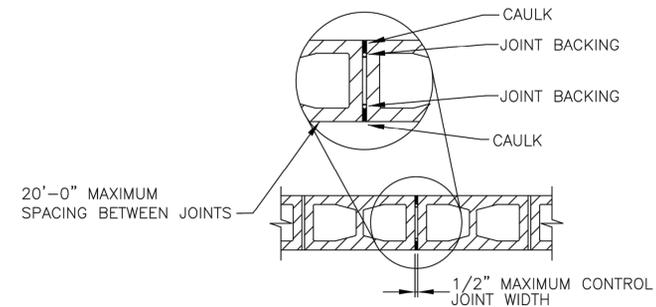
NAILING SCHEDULE

| JOINT DESCRIPTION | # of Common Nails | # of Box Nails | Nail Spacing |
|---|-------------------|----------------|--|
| ROOF FRAMING | | | |
| Blocking to Rafter (Toe-nailed) | 2-8d | 2-10d | each end |
| Rim Board to Rafter (End-nailed) | 2-16d | 3-16d | each end |
| Rafter or roof truss to plate (Toe-nailed) | 3-10d | 3-16d | 2 toe nails on 1 side (1 on other per rafter) |
| ROOF SHEATHING IRREGULAR SHANK NAILS REQUIRED | | | |
| Wood Structural Panels | | | |
| rafters or trusses spaced up to 16" o.c. | 8d | 10d | 6" edge/6" field |
| rafters or trusses spaced over 16" o.c. | 8d | 10d | 4" edge/4" field |
| gable endwall rake or rake truss w/o gable overhang | 8d | 10d | 4" edge/4" field |
| gable endwall rake or rake truss w/ structural outlookers | 8d | 10d | 4" edge/4" field |
| gable endwall rake or rake truss w/ lookout blocks | 8d | 8d | 3" edge/3" field |

3 ROOF PANEL BLOCKING
NTS



7 CMU BOND BEAM CORNER REINFORCEMENT
NTS



8 CMU CONTROL JOINT
1"=1'-0"

2-1-2023



A Landscape Development Plan for
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Foley, Alabama

| Revisions | | |
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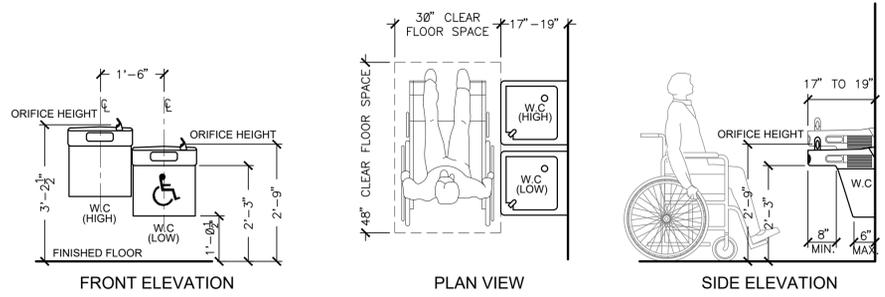
Sheet Title

BUILDING DETAILS

Sheet No.

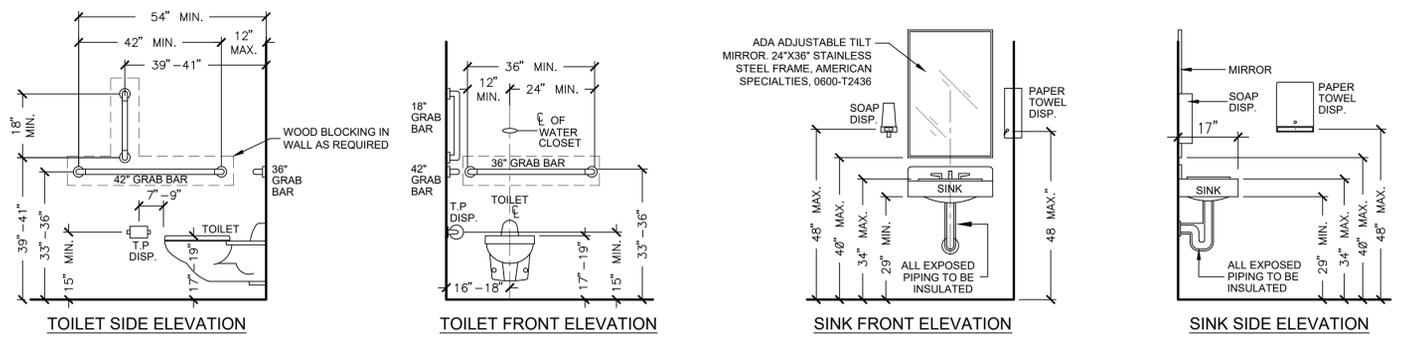
LH507

A Landscape Development Plan for
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Foley, Alabama



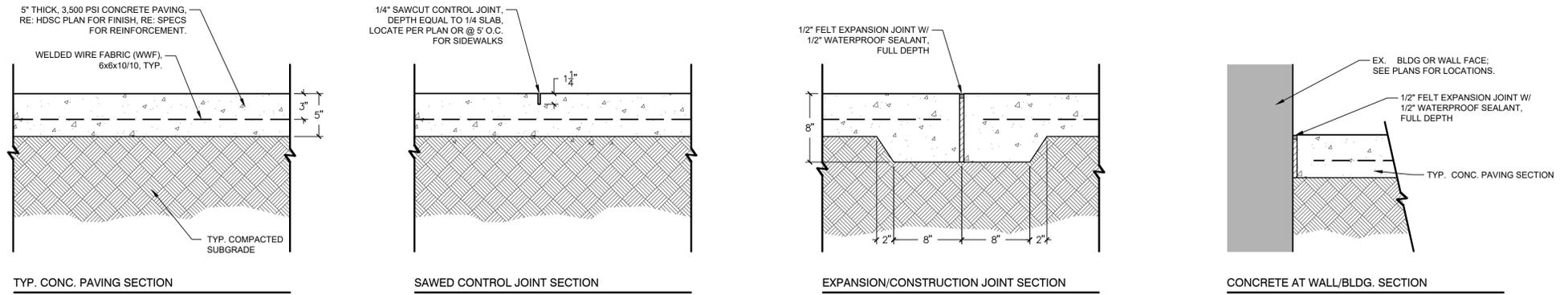
3 ACCESSIBLE WATER COOLERS
1/2" = 1'-0"

010353-01



2 ACCESSIBLE TOILET ROOM - WALL MOUNTED
1/2" = 1'-0"

010349-04



1 VEHICULAR CONCRETE PAVING
1 1/2" = 1'-0"

321313.16-06

Revisions

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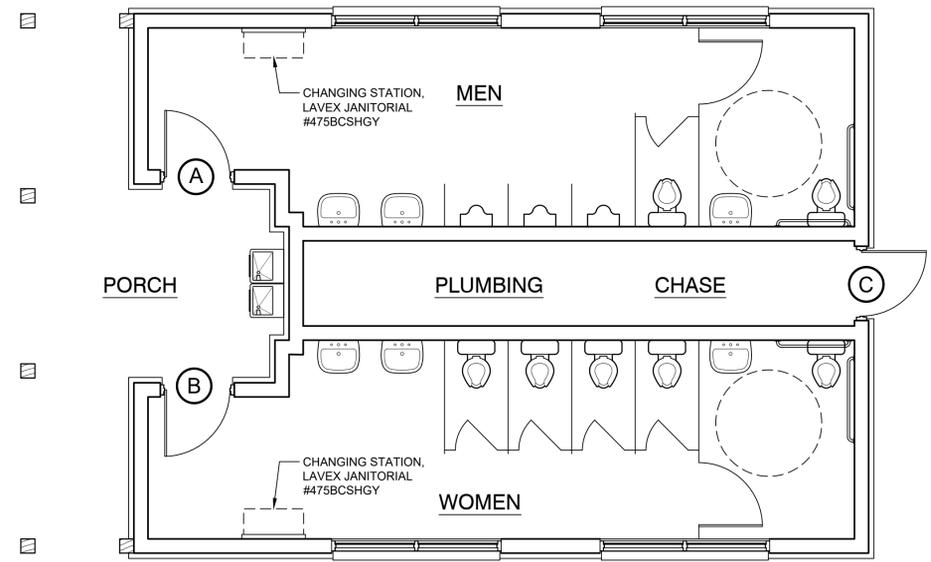
| FINISH SCHEDULE | |
|-------------------------|--|
| NAME | FINISH |
| INTERIOR WALLS | LIGHT GREEN, TO MATCH TRAIN DEPOT |
| INTERIOR TRIM | PURE WHITE, SW 7005 |
| INTERIOR CEILING | PURE WHITE, SW 7005 |
| INTERIOR STALLS | STAINLESS STEEL |
| INTERIOR FLOORS | NATURAL MEDIUM BROOM FINISHED CONCRETE |
| PORCH FLOOR | NATURAL MEDIUM BROOM FINISHED CONCRETE |
| WINDOW FRAME & CASING | PURE WHITE, SW 7005 |
| EXTERIOR BOARD & BATTEN | LIGHT GREEN, TO MATCH TRAIN DEPOT |
| EXTERIOR BEADED BOARD | DARK GREEN, TO MATCH TRAIN DEPOT |
| EXTERIOR TRIM | PURE WHITE, SW 7005 |
| EXTERIOR FACIA | PURE WHITE, SW 7005 |
| DOOR TRIM | PURE WHITE, SW 7005 |
| WOOD LOUVERS | DARK GREEN, TO MATCH TRAIN DEPOT |
| WOOD BRACKETS | PURE WHITE, SW 7005 |
| POST | PURE WHITE, SW 7005 |
| EXTERIOR BASE BOARD | PURE WHITE, SW 7005 |
| EXTERIOR DRIP CAPS | PURE WHITE, SW 7005 |

| SHERWIN-WILLIAMS DARK GREEN PAINT MATCH | | | | |
|---|---------|------------------|----|-----|
| SIZE | PRODUCT | DESCRIPTION | | |
| 5 GAL | A82W153 | A100 LTX SA DEEP | | |
| CCE COLOR CAST | OZ | 32 | 64 | 128 |
| B1 BLACK | 12 | 12 | 1 | 1 |
| G2 NEW GREEN | 20 | 2 | 1 | |
| R2 MAROON | 6 | 44 | | 1 |
| Y3 DEEP GOLD | 20 | 6 | | 1 |

| SHERWIN-WILLIAMS LIGHT GREEN PAINT MATCH | | | | |
|--|---------|-------------------|----|-----|
| SIZE | PRODUCT | DESCRIPTION | | |
| 5 GAL | A82W151 | A100 LTX SA EXTRA | | |
| CCE COLOR CAST | OZ | 32 | 64 | 128 |
| B1 BLACK | 8 | 16 | 1 | 1 |
| G2 NEW GREEN | | 43 | 1 | 1 |
| Y3 DEEP GOLD | 20 | 6 | | 1 |
| L1 BLUE | | 31 | 1 | |
| W1 WHITE | 2 | 32 | | |

*NOTE: CONTRACTOR TO PROVIDE SAMPLES TO LA FOR APPROVAL.

| DOOR SCHEDULE | | | | | | | | | | |
|---------------|----------|-------|-------|--------|----------|----------|--------------|------------|---|---|
| DOOR ID | LOCATION | SIZE | | | BRAND | MATERIAL | STYLE | FINISH | HARDWARE | MISCELLANEOUS |
| | | W | H | THK | | | | | | |
| A | MEN'S | 3'-0" | 7'-0" | 1 3/4" | JELD-WEN | STEEL | 2 FLAT PANEL | DARK GREEN | SARGENT 8200 SERIES MORTISE LOCK, IN220 PoE, ORDERING INFORMATION: IN220, 82278, BIPS, B, E3, NJ, 32D, LH | HINGES, JAMBS, HEADER, AND STOPS WEATHER STRIPPING, DOOR SWEEP, ALUMINUM THRESHOLD. RE: 4/AR500 FOR DOOR TRIM MATERIALS |
| B | WOMEN'S | 3'-0" | 7'-0" | 1 3/4" | JELD-WEN | STEEL | 2 FLAT PANEL | DARK GREEN | SARGENT 8200 SERIES MORTISE LOCK, IN220 PoE, ORDERING INFORMATION: IN220, 82278, BIPS, B, E3, NJ, 32D, RH | HINGES, JAMBS, HEADER, AND STOPS WEATHER STRIPPING, DOOR SWEEP, ALUMINUM THRESHOLD. RE: 4/AR500 FOR DOOR TRIM MATERIALS |
| C | SERVICE | 3'-0" | 7'-0" | 1 3/4" | JELD-WEN | STEEL | 2 FLAT PANEL | DARK GREEN | LEVER HANDLE, DOUBLE-CYLINDER DEADBOLT, FINISH: SATIN STAINLESS STEEL | HINGES, JAMBS, HEADER, AND STOPS WEATHER STRIPPING, DOOR SWEEP, ALUMINUM THRESHOLD. RE: 4/AR500 FOR DOOR TRIM MATERIALS |



RESTROOM IDENTIFICATION BASIS OF DESIGN
MENS & WOMENS RESTROOM SYMBOL ONLY. SIGNAGE TO BE SECURELY MOUNTED TO FACE OF DOOR. CONTRACTOR TO SUBMIT PRODUCT INFORMATION TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASE & INSTALLATION.

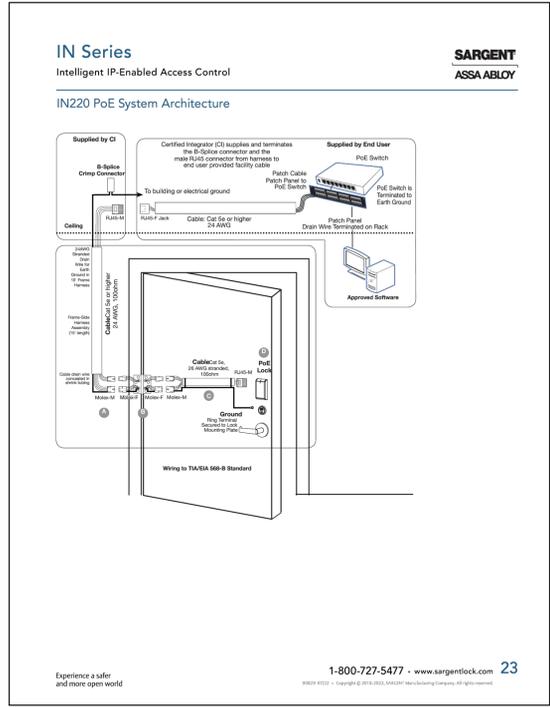
| Revisions | |
|-----------|--------------------------------|
| No. | Date / Revisions / Submissions |
| 03.29.23 | CONSTRUCTION SET |
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|-----------------|--------------|
| BH | Registration |
| Drawn | |
| DM | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 12.30.21 | |
| Date | |

Sheet Title

**HARDSCAPE
DETAILS**



3 PoE Door Lock Detail
SCALE: N.T.S.

POWER & LIGHTING LEGEND

ALL ABBREVIATIONS SHOWN MAY NOT APPEAR IN DRAWINGS.

- /○/○ LIGHT FIXTURE, OVERHEAD, SURFACE, WALL MOUNTED.
- ⊗ OCCUPANCY SENSOR, LOW VOLTAGE
- PP POWER PACK, 120V, 20A
- S_M THREE-WAY TOGGLE SWITCH/FOUR-WAY TOGGLE SWITCH, 120V, 15A. 3'-10" AFF
- S_K DIMMER SWITCH, 120V, 15A. 3'-10" AFF
- ▬/▬ PANEL, LIGHTING OR POWER AS SPECIFIED IN PANEL SCHEDULE.
- NON-FUSED DISCONNECT.
- ⊗ EXHAUST FAN FURNISHED AND INSTALLED BY HVAC.
- ⊕ DUPLEX RECEPTACLE OUTLET, 120V, 15A, 1'-6" AFF
- ⊕ DUPLEX RECEPTACLE OUTLET, 120V, 15A, 6" ABOVE COUNTER U.N.O.
- *GF* = GROUND FAULT PROTECTED BY DEVICE OR BREAKER
- *WP* = WEATHER RATED, GF PROTECTED WITH WHILE IN USE COVER PLATE

- TC LC PC LIGHTING CONTROLS, TIME CLOCK, LIGHTING CONTACTOR, PHOTOCELL
- ▼ WALL MOUNTED ACCESS POINT/HUB, BY OWNER
- PoE DOOR LOCK SYSTEM, REFERENCE DOOR SCHEDULE ON LH509. FURNISH 3/4" CONDUIT FROM ACCESS POINT TO EACH DOOR FRAME WITH WIRING PER DETAIL 3/E100. LEAVE 24" OF SLACK AT EACH END FOR FINAL CONNECTIONS BY CITY IT DEPARTMENT.

ELECTRICAL DESIGNATIONS

- ⊗₂ FIXTURE NOTE TYPE 'A' FIXTURE (SEE FIXTURE SCHEDULE). CIRCUIT NO. 2 (TYP)
- A ⊗₂ FIXTURE NOTE TYPE 'A' FIXTURE (SEE FIXTURE SCHEDULE). CIRCUIT NO. 2 (TYP)
- ⊕₂ RECPNT NOTE WALL OUTLET WITH RECEPTACLE NOTED, CONNECT TO CIRCUIT NO. 2 (TYP)
- PPA-5,6,7 HOME RUN HOMERUN (TYP) TO PANEL 'PPA', CONNECT TO CIRCUIT NO.'S 5, 6, & 7 EX: 3#12 (PH), 1#12 (N) & 1#12 GND
- III MULTI-CONDUCTOR RUN MULT-CONDUCTOR RUN (TYP) EX: 3#12 (PH), 1#12 (N) & 1#12 GND
- III WIRE DESIGNATION TIC INDICATES NUMBER OF CONDUCTORS, EX: 3#12 (PH), 1#12 (N) & 1#12 GND

- NOTES:**
- "NL" DESIGNATION REQUIRES FIXTURE TO BE CONFIGURED FOR ONE LAMP OPERATIONAL AT ALL TIMES.
 - ALL CIRCUITS SHALL CONTAIN A GREEN EQUIPMENT GROUNDING CONDUCTOR.
 - EQUIPMENT GROUND CONDUCTOR SHALL BE AS FOLLOWS UNLESS OTHERWISE INDICATED:
#12 AWG CIRCUIT - #12 GND
#10 AWG CIRCUIT - #10 GND
#8 AWG CIRCUIT - #10 GND
 - UNLESS OTHERWISE INDICATED, CONDUIT SIZE SHALL BE 3/4" MIN. AND SHALL NOT EXCEED A FILL OF 40% MAXIMUM, SEE NEC.



| PANEL | | RP | | | | | | |
|---------------------------------|----------------|-------------------------|---------------|----------------------------------|-----------------|-----------|-----------------|----------|
| VOLTAGE (L-N): 120 | | ENCLOSURE TYPE: NEMA 3R | | | | | | |
| VOLTAGE (L-L): 240 | | MOUNTING: SURFACE | | | | | | |
| PHASES, WIRES: 1 ∅, 3 W | | AIC RATING: 10000 | | | | | | |
| MINIMUM BUS CAPACITY (A): 200 A | | NOTES: ----- | | | | | | |
| MAIN O.C. DEVICE (A): 200 A | | | | | | | | |
| CKT NO | DESCRIPTION | TRIP AMPS | POLE | PHASE LOADS (VA) | POLE | TRIP AMPS | DESCRIPTION | CKT NO |
| 1 | LGTS, RESTROOM | 20 | 1 | 365 75 | 1 | 20 | EF-1 | 2 |
| 3 | LGTS, EXTERIOR | 20 | 1 | | 1 | 20 | EF-2 | 4 |
| 5 | REC, COMMS | 20 | 1 | 200 1650 | 1 | 20 | EWH | 6 |
| 7 | REC, RESTROOM | 20 | 1 | | 1 | 20 | EW | 8 |
| 9 | REC, SITE | 20 | 1 | 800 0 | 1 | 20 | SPARE | 10 |
| 11 | REC, SITE | 20 | 1 | | 1 | 20 | SPARE | 12 |
| 13 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 14 |
| 15 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 16 |
| 17 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 18 |
| 19 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 20 |
| 21,23 | SPARE | 30 | 2 | 0 2160 | 2 | 25 | VHP-1 | 22,24 |
| 21,23 | SPARE | 30 | 2 | | 2 | 25 | VHP-1 | 22,24 |
| 25 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 26 |
| 27 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 28 |
| 29 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 30 |
| 31 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 32 |
| 33 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 34 |
| 35 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 36 |
| 37 | SPARE | 20 | 1 | 0 0 | 1 | 20 | SPARE | 38 |
| 39 | SPARE | 20 | 1 | | 1 | 20 | SPARE | 40 |
| | | | | CONNECTED LOAD PHASE TOTALS (VA) | | | | |
| | | | | 5250 | 4917 | | | |
| | | CONNECTED LOAD (KVA) | DEMAND FACTOR | DEMAND LOAD (KVA) | DEMAND LOAD | | DEMAND CAPACITY | 10.4 KVA |
| Cooling and Heating | | 4.3 | 1.00 | 4.3 | DEMAND CAPACITY | | 37.6 KVA | |
| Heating | | 1.6 | 1.00 | 1.6 | SPARE CAPACITY | | 156.8 AMPS | |
| Lighting | | 0.7 | 1.25 | 0.8 | SPARE CAPACITY | | 78 % | |
| Lighting - Exterior | | 0.1 | 1.25 | 0.2 | | | | |
| Receptacles (0 - 10 KVA) | | 3.4 | 1.00 | 3.4 | | | | |
| TOTAL: | | 10.2 | | 10.4 | | | | |
| LOAD (AMPS): | | 42.4 | | 43.2 | | | | |

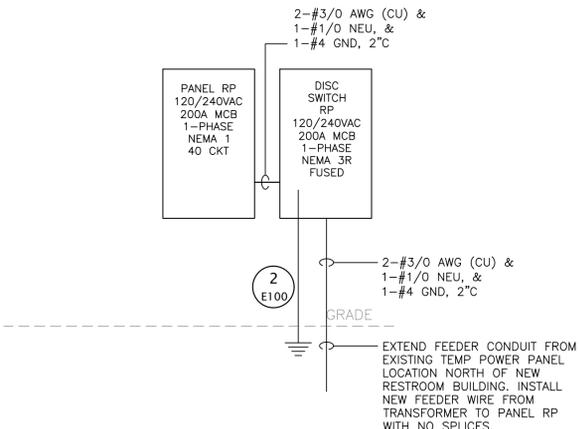
CONDUCTOR SCHEDULE

CONDUCTORS / CONDUITS SHALL BE SIZED ACCORDING TO THE FOLLOWING CHART UNLESS OTHERWISE NOTED.

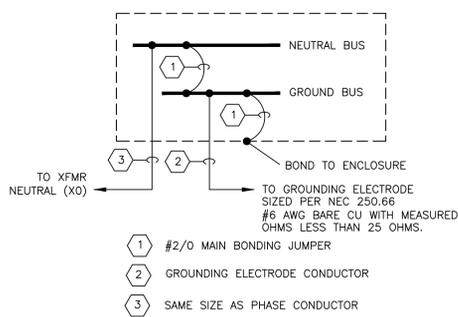
| CKT BKR | WIRE (AWG) | EQUIP. GND | CONDUIT |
|---------|------------|------------|---------|
| 15 | 12 | #12 | 3/4" |
| 20 | 12 | #12 | 3/4" |
| 30 | 10 | #10 | 3/4" |
| 40 | 8 | #10 | 1" |
| 50 | 6 | #10 | 1" |
| 60 | 6 | #10 | 1" |
| 70 | 4 | #8 | 1-1/4" |
| 80 | 4 | #8 | 1-1/4" |
| 90 | 3 | #8 | 1-1/4" |
| 100 | 3 | #8 | 1-1/4" |
| 125 | 1 | #6 | 1-1/2" |
| 150 | #1/0 | #6 | 2" |
| 175 | #2/0 | #6 | 2" |
| 200 | #3/0 | #6 | 2" |
| 225 | #4/0 | #4 | 2-1/2" |
| 250 | 250KCMIL | #4 | 3" |
| 400 | 600KCMIL | #2 | 4" |

NOTES:

- NEUTRAL CONDUCTOR (IF REQUIRED) SHALL BE THE SAME SIZE AS PHASE CONDUCTORS.
- ALL HVAC OR OTHER CYCLICAL EQUIPMENT SHALL UTILIZE HACR TYPE CIRCUIT BREAKERS.
- CONTRACTOR TO PROVIDE QUANTITY OF CONDUCTORS AS NECESSARY TO POWER LOADS.
- CONDUIT SIZES BASES ON FOUR CONDUCTORS MAXIMUM. CONTRACTOR SHALL FOLLOW NEC GUIDELINES FOR DERATING CAPACITIES AND CONDUIT SIZES FOR ALL COMBINED CIRCUITS.
- CONDUCTORS SHALL BE COPPER. INDICATED SIZES ARE FOR USE WITH COPPER CONDUCTORS.
- FOR BREAKERS SIZES NOT INDICATED SUCH AS 25A, COMPLY WITH NEC SECTION 240.4 (PROTECTION OF CONDUCTORS).
- CONTRACTOR SHALL COORDINATE THE REQUIRED NUMBER OF CONDUCTORS WITH EQUIPMENT MFR PRIOR TO ROUGH IN.



1 ELEC. SERVICE
SCALE: N.T.S.



2 MAIN SERVICE GROUNDING DETAIL
SCALE: N.T.S.

ELECTRICAL NOTES

- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING ALL REQUIRED PERMITS AND INSPECTION CERTIFICATES.
- ALL WORK SHALL COMPLY WITH IBC 2018, IECC 2018, NEC 2017, STATE AND LOCAL CODES. VERIFY WITH AUTHORITY HAVING JURISDICTION AND COMPLY AS REQUIRED.
- OMISSIONS OR MISDESCRIPTION OF DETAILS OF WORK WHICH ARE EVIDENTLY NECESSARY TO CARRY OUT THE INTENT OF THE DRAWINGS, OR WHICH ARE CUSTOMARILY PERFORMED, SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING SUCH OMISSIONS AND DETAILS OF WORK, BUT THEY SHALL BE PERFORMED AS IF FULLY AND CORRECTLY SET FORTH & DESCRIBED.
- EQUIPMENT, MATERIALS, AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THIS PERIOD SHALL BE CORRECTED AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR.
- MATERIALS AND ALL COMPONENTS THEREOF SHALL BE NEW AND SHALL BE UL APPROVED WHERE A STANDARD HAS BEEN ESTABLISHED. COMPONENTS SHALL BE EQUAL TO THOSE SCHEDULED ON DRAWINGS.
- VERIFY FIELD DIMENSIONS. COORDINATE WORK WITH OTHER TRADES TO AVOID INTERFERENCES.
- ALL EXIT AND EMERGENCY LIGHTS SHALL BE UN-SWITCHED AND SHALL CONNECT TO THE CIRCUIT SERVING THE SAME SPACE.
- ALL ELECTRICAL PANELS SHALL HAVE ENGRAVED LAMINATED (BLACK ON WHITE) LABELS IDENTIFYING THEM AS INDICATED ON DRAWINGS.
- ALL COMPONENTS USED IN PLENUM SPACES SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL AND SHALL BE RATED FOR INSTALLATION IN PLENUM SPACES.
- COLOR OF WIRING DEVICES AND PLATES SHALL BE AS SELECTED BY THE ARCHITECT.
- CONDUCTOR SIZES INDICATED ON THE DRAWINGS HAVE BEEN SELECTED TO PROVIDE FOR ACCEPTABLE VOLTAGE DROP. DO NOT REDUCE WIRE SIZES SHOWN WITHOUT CONSENT OF ENGINEER.
- CONDUCTORS SHALL BE SINGLE CONDUCTOR COPPER, STRANDED FOR AWG #8 AND LARGER AND SOLID FOR AWG #10 AND SMALLER, WITH 600 VOLT THIN INSULATION.
- THE USE OF MC CABLE IS PERMISSIBLE ONLY IN CONCEALED LOCATIONS AND FOR FLEXIBLE CONNECTIONS TO LIGHTING FIXTURES. NOT ALLOWED FOR HOME RUNS.
- ALL BREAKERS ASSOCIATED WITH HVAC EQUIPMENT SHALL BE HACR RATED.

A Landscape Development Plan for
Comfort Station
Foley, Alabama

| Revisions | No. | Date | Revisions / Submissions |
|-----------|----------|------|-------------------------|
| | 03.29.23 | | CONSTRUCTION SET |

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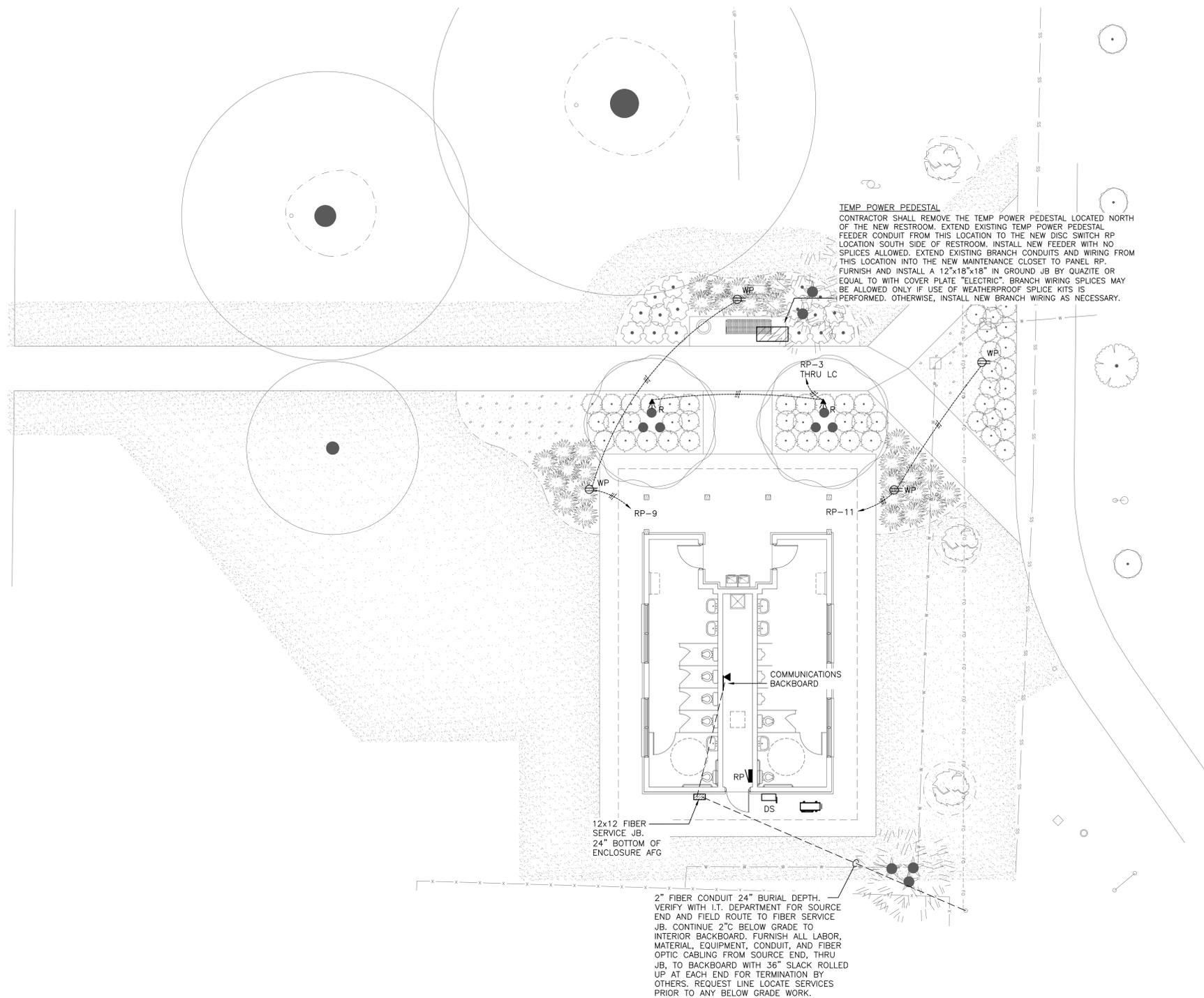
GWS Drawn
GWS Project Manager
LCW Principal
216003-018
Project No.
03.29.23
Date

Registration

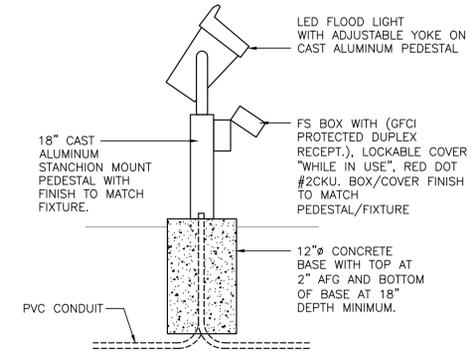
Professional Engineer
No. 26767
3/29/23

Sheet Title

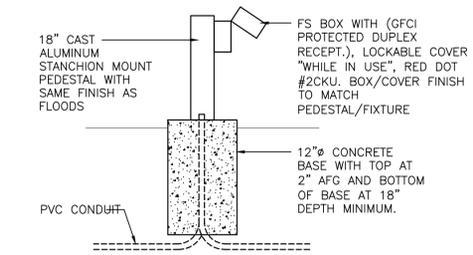
ELECTRICAL NOTES, LEGEND & SCHEDULE



1 SITE ELECTRICAL PLAN
 SCALE: 1/8" = 1'-0"



2 FLOOD LIGHT DETAIL
 SCALE: NONE



3 PEDESTAL MOUNTED RECEPTACLE
 SCALE: NONE

| Revisions | | |
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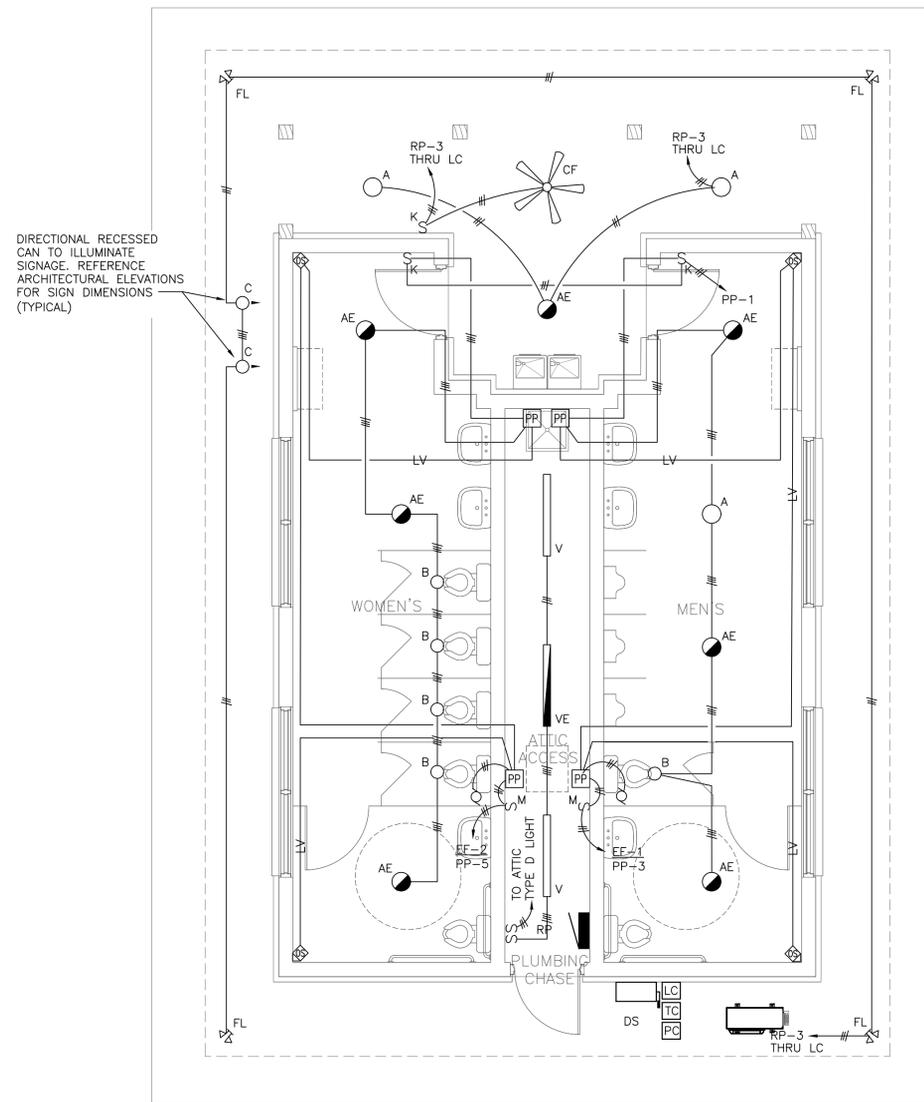
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| | |
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| GWS | Registration |
| Drawn | |
| GWS | |
| Project Manager | |
| LCW | |
| Principal | |
| 216003-018 | |
| Project No. | |
| 03.29.23 | |
| Date | |

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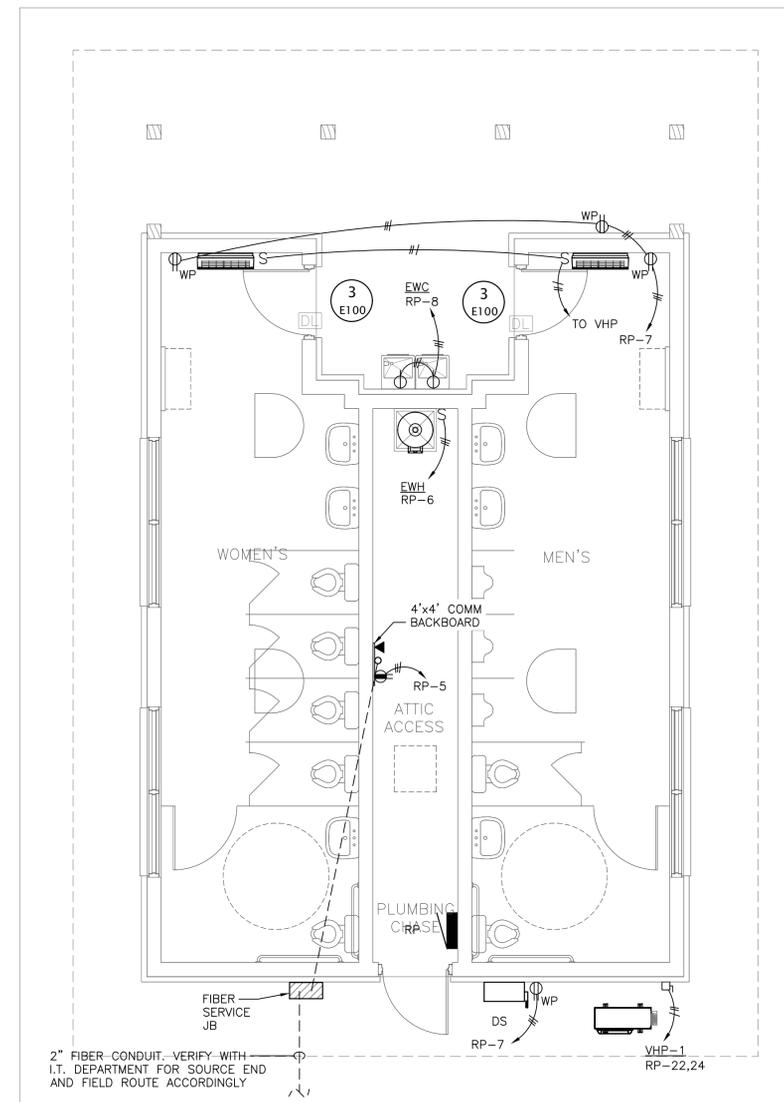
SITE ELECTRICAL PLAN

| LIGHTING FIXTURE SCHEDULE | | | | | | | MOUNT TYPE | | | | | | | | | | | | |
|---------------------------|------------------|-----------------|---------|-----------|-----------------|--|------------|-------|--------|------|------|-------------|------|-------|----------|---------|----------|---------|-------|
| ID | DESCRIPTION | ELECTRICAL DATA | | LAMP DATA | BASIS OF DESIGN | | LOCATION | | | | | ARRANGEMENT | | | | | | | |
| | | LOAD VA | VOLTAGE | LUMENS | MANUFACTURER | MODEL OR SERIES | CEILING | FLOOR | GROUND | POLE | ROOF | SUSPENDED | WALL | FLUSH | PEDESTAL | PENDANT | RECESSED | SURFACE | TRACK |
| A | 6" REC DOWNLIGHT | 28 | 120 | 2500 | GOTHAM | EV06VR 40/25 AR LSS MWD FOL "FINISH" | ■ | | | | | | | | | | | | |
| AE | 6" REC EMER | 28 | 120 | 2500 | GOTHAM | EV06VR 40/25 AR LSS MWD FOL "FINISH" ELR | ■ | | | | | | | | | | | | |
| B | 2" REC DOWNLIGHT | 23 | 120 | 2000 | GOTHAM | ICO2VR 40/20 LTF 45D MVOLT UGZ "FINISH" | ■ | | | | | | | | | | | | |
| C | 2" ADJ DOWNLIGHT | 33 | 120 | 2000 | GOTHAM | ICO2VRADJ 40/20 LTF 6070D MVOLT "FINISH" | ■ | | | | | | | | | | | | |
| D | LED STRIP | 35 | 120 | 4000 | LITHONIA | CSS L48 4000LM MVOLT 40K 80CRI | ■ | | | | | | | | | | | | |
| FL | FLOOD LIGHT | 25 | 120 | 2160 | LITHONIA | OLF 2RH 40K 120 PE DDB | ■ | | | | | | | | | | | | |
| R | UPLIGHT | 5 | 120 | 208 | RAB | LFLED 5 Y A | | ■ | | | | | | | | | | | |
| V | VAPORTIGHT | 33 | 120 | 4000 | LITHONIA | VAP-4000L-PCL-MD-50K-80CRI | ■ | | | | | | | | | | | | |
| VE | VAPORTIGHT EMER | 33 | 120 | 4000 | LITHONIA | VAP-4000L-PCL-MD-50K-80CRI-E15WCP | ■ | | | | | | | | | | | | |



1 LIGHTING PLAN
 SCALE: 1/4" = 1'-0"

ATTIC ELECTRICAL NOTES:
 INSTALL ONE (1) TYPE D STRIP LIGHT OVER ATTIC ACCESS CONTROLLED BY TOGGLE SWITCH AT PLUMBING CHASE ENTRY



1 POWER PLAN
 SCALE: 1/4" = 1'-0"

A Landscape Development Plan for
Comfort Station
 Foley, Alabama

Revisions

| No. | Date | Revisions / Submissions |
|----------|------|-------------------------|
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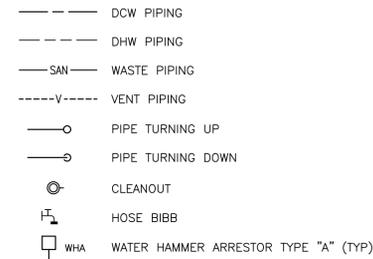
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GWS Drawn
 GWS Project Manager
 LCW Principal
 216003-018 Project No.
 03.29.23 Date

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 ALABAMA
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 W. S. [Signature]
 NO. 26767
 PROFESSIONAL
 3/29/23
 ENGINEER
 STATE OF ALABAMA

Sheet Title
RESTROOM ELECTRICAL PLAN

PLUMBING SYMBOL LEGEND



PLUMBING ABBREVIATIONS

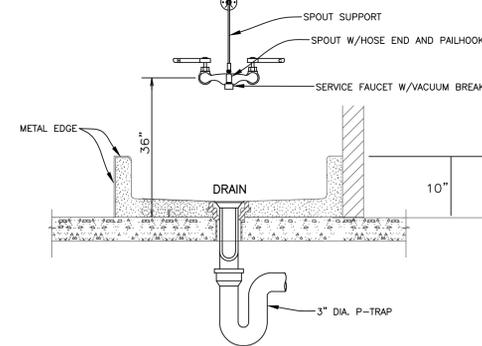
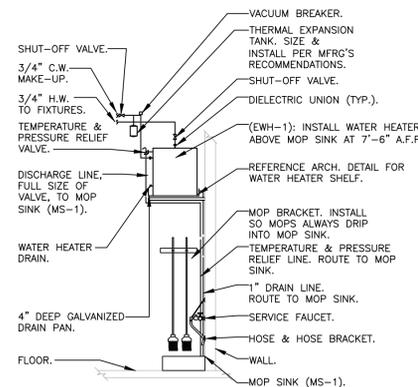
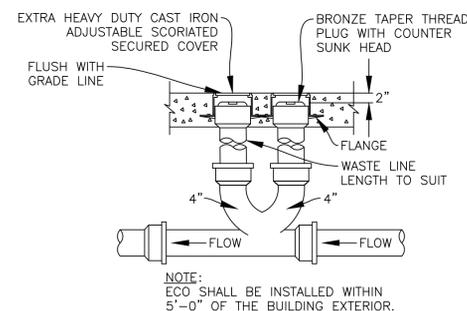
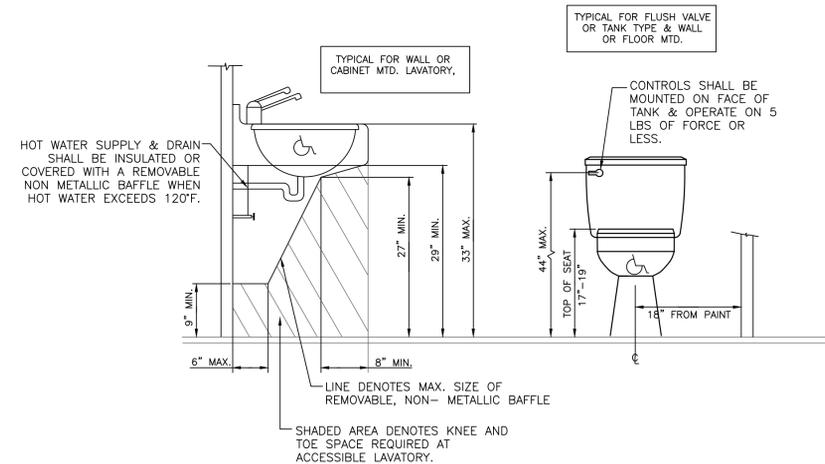
ALL ABBREVIATIONS SHOWN MAY NOT APPEAR IN DRAWINGS. REFER TO HVAC DRAWINGS FOR HVAC EQUIPMENT ABBREVIATIONS.

- AFF ABOVE FINISHED FLOOR
- AUX AUXILIARY
- CEIL CEILING
- CO CLEANOUT
- CW COLD WATER
- DCW DOMESTIC COLD WATER
- DHW DOMESTIC HOT WATER
- DIA DIAMETER
- DST DEEP SEAL TRAP
- EQUIP EQUIPMENT
- EWC ELECTRIC WATER COOLER
- EWB ELECTRIC WATER HEATER
- FCO FLOOR CLEANOUT
- FIXT FIXTURE
- HB HOSE BIBB
- HR HOUR
- MAX MAXIMUM
- MECH MECHANICAL
- MIN MINIMUM
- MTR METER
- NIC NOT IN CONTRACT
- PENE PENETRATION
- RM ROOM
- SAN SANITARY
- SURF SURFACE
- SYS SYSTEM
- T & P TEMPERATURE & PRESSURE
- TEMP TEMPERATURE
- TYP TYPICAL
- VTR VENT TO ROOF
- WH WALL HYDRANT
- WHA WATER HAMMER ARRESTOR
- W/ WITH
- YCO YARD CLEANOUT

| PLUMBING FIXTURE SCHEDULE (BASIS OF DESIGN OR APPROVED EQUAL) | |
|---|--|
| WC-1H ADA WATER CLOSET, SLOAN ST-2469-STG ELONGATED WALL-MOUNTED FLUSH VALVE WITH SLOAN TRF 8156-1.6-OR FLUSHOMETER, LOW CONSUMPTION, HIGH PERFORMANCE SIPHON JET W/1-1/2" REAR SPUD INLET, 2-1/8" TRAPWAY; BEMIS 2155SCT/2155SCT OPEN FRONT SEAT WITHOUT COVER; MOUNT FIXTURE AT ADA HEIGHT WITH RIM AT 16-3/4" AFF. CONNECTIONS: CW 1-1/2", WASTE 3", VENT 2" MIN. | |
| LV-1H LAVATORY, SELF RIMMING, WALL MOUNTED - SLOAN SS-3003-STG SERIES WITH VITREOUS CHINA CONSTRUCTION AND 4" FAUCET CENTERS; SLOAN FAUCET SF-2350-BAT-BDT-CP-0.5GPM-MLM-IR-FCT WITH INTEGRAL THERMOSTATIC MIXING VALVE, BATTERY POWER SUPPLY, INFRARED SENSOR, ZURN Z8800 SUPPLIES; ZURN Z8700 TRAP; Z8743-PC ADA GRID STRAINER; ZURN Z8946-3-NIT ADA PROTECTORS, CONNECTIONS: CW 1/2", HW 1/2", WASTE 1 1/2". MOUNT AT 34" TOP OF RIM FOR ADA REQUIRED MOUNTING HEIGHT. | |
| UR-1 URINAL WALL MOUNTED, SLOAN SU-1019-STG, LOW CONSUMPTION; VITREOUS CHINA WITH SLOAN TRF 8156-1.6-OR FLUSHOMETER. INSTALL RIM OF URINAL NO HIGHER THAN 17" AFF. CONNECTIONS: CW 3/4", WASTE 2", VENT 2" | |
| EWC-1. ELECTRIC WATER COOLER, SPLIT LEVEL, WALL MOUNTED WITH BOTTLE FILLER ELKAY LZSTL8WSVRSK OR EQUAL WITH BOTTLE FILLER/FOUNTAIN ON LEFT AT ADA LEVEL, MCGUIRE 8902 TRAP; BRASSCRAFT 1912-A SUPPLY. MOUNT WITH LOWER SPOUT AT 36" AFF. CONNECTIONS: CW 1/2", WASTE 2", VENT 2" MIN. | |
| FD-1 FLOOR DRAIN, ZURN OR EQUAL, COATED CAST IRON BODY WITH ADJUSTABLE COLLAR, COMBINATION MEMBRANE CLAMP, PROVIDE WITH 6" ROUND, POLISHED NICKEL BRONZE STRAINER. | |
| HB HOSE BIBB, ZURN Z1325, ENCLOSED, NON-FREEZE, WALL HYDRANT WITH INTEGRAL VACUUM BREAKER | |

| WATER HEATER SCHEDULE | | | | | | | | | | | | | |
|-----------------------|---------------|------|------------|------|---------------|-------|------------------|------------------|----------------|-----------------|---------|---------------|-------|
| TAG | ELECTRIC DATA | | | | HYDRONIC DATA | | | | | BASIS OF DESIGN | | WEIGHT LBS | NOTES |
| | FLA | MOCF | VOLT PHASE | KW | EWT | LWT | RATE OF RECOVERY | RISE OF RECOVERY | CAPACITY (GAL) | MFR | MODEL | | |
| | AMPS | AMPS | | | DEG | DEG | GPH | DEG | | | | | |
| EWB-1 | 13.75 | 20 | 120/1 | 1.65 | 65°F | 140°F | 8 | 75°F | 20 | A.O.SMITH | EJCS-20 | 65 | ALL |

NOTES:
 1. OPERATING PRESSURE BETWEEN 20PSI TO 150 PSI



GENERAL PLUMBING NOTES:

- FURNISH ALL LABOR, MATERIALS, TOOLS, INCIDENTALS AND DETAILS NECESSARY TO PROVIDE A COMPLETE SANITARY, GREASE WASTE, VENTING AND DOMESTIC WATER SYSTEM. INCLUDE ANY LABOR AND MATERIAL NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO PROVIDE A COMPLETE AND OPERATING SYSTEM. ALL WORK SHALL BE INSTALLED IN A PROFESSIONAL MANNER AND SHALL MEET ALL THE REQUIREMENTS OF THE 2018 IBC, 2018 IPC, SAFETY AND HEALTH CODES, NFPA CODES AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS. ALL COSTS FOR SAID REQUIREMENTS SHALL BE INCLUDED IN THIS CONTRACTORS BID PRICE.
- THIS CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS AND PERFORM ALL TESTS CALLED FOR OR REQUIRED AS A PART OF HIS WORK. FURNISHED APPROVED CERTIFICATE OF FINAL INSPECTION, AND TURN OVER TO OWNER AT COMPLETION OF PROJECT.
- PLUMBING PLANS ARE DIAGRAMMATIC, NOT SHOWING EVERY ITEM IN EXACT LOCATION OR DETAIL. MEASUREMENTS AND LOCATIONS MUST BE FIELD VERIFIED AND COORDINATED WITH ARCHITECTURAL, HVAC, FIRE PROTECTION, STRUCTURAL, ELECTRICAL AND OTHER BUILDING DRAWINGS.
- VERIFY FIELD DIMENSIONS. COORDINATE WORK WITH OTHER TRADES TO AVOID INTERFERENCES.
- LAY OUT PIPING BASICALLY AS SHOWN. MAJOR CHANGES IN LAYOUT MAY BE MADE ONLY WITH WRITTEN CONSENT OF ARCHITECT OR ENGINEER.
- COLOR OF FIXTURES AND TRIM SHALL BE AS SELECTED BY OWNER/ARCHITECT.
- FIXTURES INDICATED AS BARRIER FREE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
- PROVIDE AIR CHAMBERS ON POTABLE WATER ROUGH-INS AS INDICATED ON DRAWINGS. ALL AIR CHAMBERS SHALL BE ONE PIPE SIZE LARGER THAN THE WATER PIPING. CHAMBERS SHALL BE 14" HIGH WITH SWEATED CAP.
- PROVIDE ELECTRICAL CONTRACTOR WITH EXACT WIRING REQUIREMENTS. IF ELECTRICAL REQUIREMENTS VARY FROM THOSE INDICATED ON PLANS, PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ASSOCIATED ADDITIONAL COSTS.
- REFER TO SITE PLAN FOR ROUTING OF WATER AND SEWER.
- ALL WATER LINES, BOTH HOT AND COLD, SHALL BE AS FOLLOWS:
 A. LINES BELOW GRADE SHALL BE TYPE "K" SOFT COPPER OR PEX.
 B. LINES ABOVE GRADE SHALL BE TYPE "L" SOFT COPPER.
 C. FITTINGS SHALL BE OF HARD DRAWN COPPER OF ASTM SPEC B-88.
 D. ALL JOINTING SHALL BE WITH LEAD-FREE SILVER SOLDER.
 E. EQUIPPED WITH SHOCK ABSORBERS AS REQUIRED.
- PLUMBING CONTRACTOR SHALL FURNISH & INSTALL SHUT-OFF VALVES TO ALL FIXTURES NOT OTHERWISE EQUIPPED.
- ALL WASTE PIPING SHALL BE SCHEDULE 40 PVC CONFORMING TO ASTM D-1785. PIPING SMALLER THAN 3" SHALL BE LAID OUT AT 1/4" PER FOOT GRADE. PIPING 3" AND LARGER SHALL BE LAID OUT AT 1/8" PER FOOT GRADE. ALL VENT PIPING WITHIN PLENUM OR AIR-HANDLING SPACES SHALL BE COPPER OR CAST IRON.
- ALL FLOOR DRAINS SHALL BE EQUIPPED WITH DEEP SEAL TRAP WITH PROVENT SYSTEM. LOCATE TRAP PRIMER EQUIPMENT CONCEALED IN ACCESSIBLE LOCATION.
- ALL WATER LINES, BOTH HOT AND COLD, SHALL BE CAPPED AND TESTED AT 100 PSI FOR 24 HOURS. ALL WASTE PIPING SHALL BE TESTED WITH A 10" WATER COLUMN FOR A 2 HR PERIOD WITH NO CHANGE IN LEVEL.
- VENT PIPING SHALL BE LAID OUT SUCH THAT ALL ROOF PENETRATIONS SHALL BE ON BACK SIDE OF ROOF. PAINT EXPOSED VENT PIPING TO MATCH ROOF.
- COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR. ENSURE THAT WARRANTY REQUIREMENTS OF ROOFING MANUFACTURER ARE SATISFIED.
- MATERIALS, EQUIPMENT, AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THIS PERIOD SHALL BE CORRECTED AT THE MECHANICAL CONTRACTOR'S EXPENSE.

FIXTURE CONNECTION NOTES:

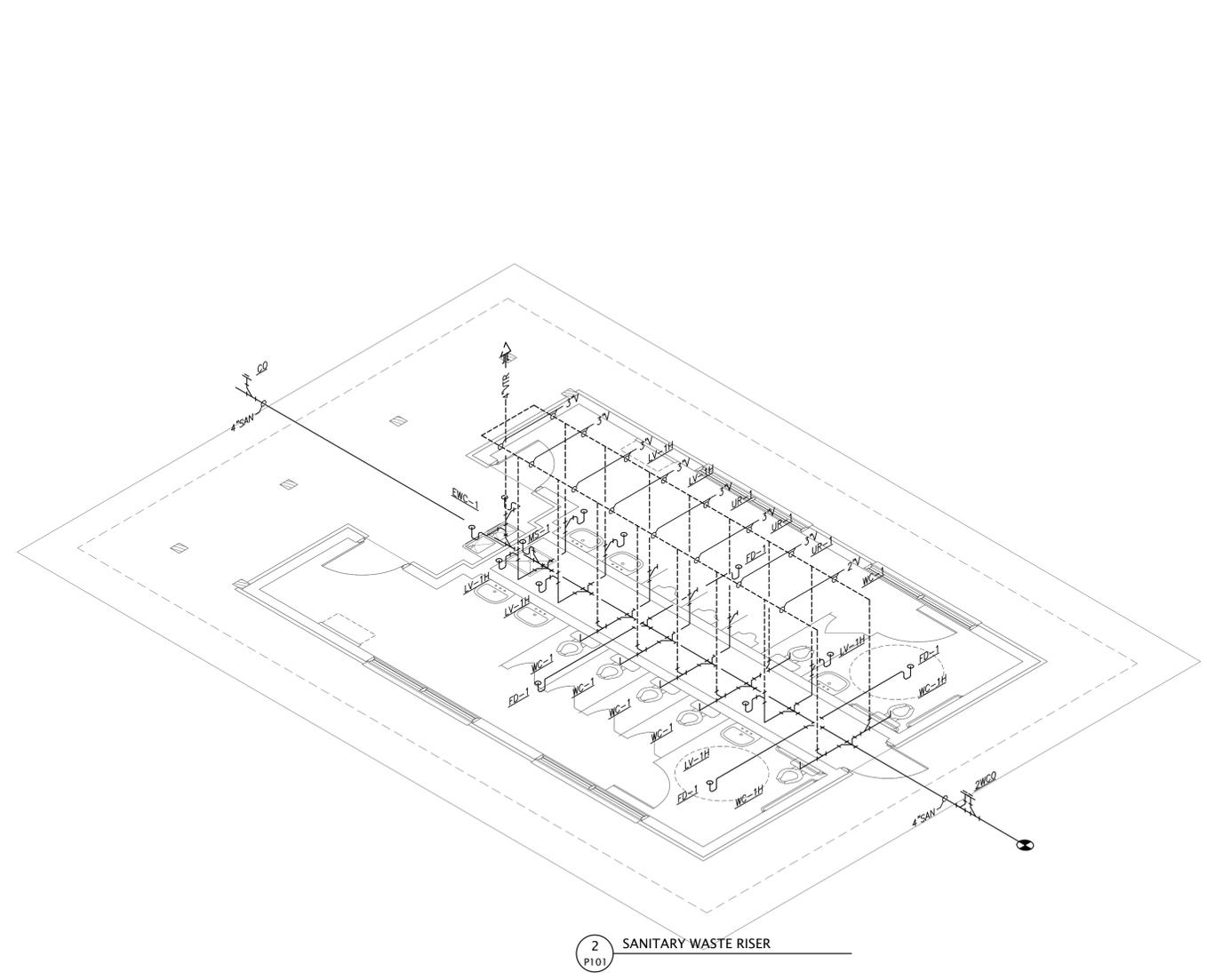
- CONNECT TO PLUMBING FIXTURES AND EQUIPMENT PROVIDED UNDER THIS AND OTHER SECTIONS OF SPECIFICATION, ARCHITECTURAL DRAWINGS, AND MANUFACTURER'S SHOP DRAWINGS. PROVIDE ROUGH-IN CONNECTION AS SHOWN IN DRAWINGS.
- USE FIXTURE SCHEDULE AND DETAILS ON DRAWINGS OR MANUFACTURER'S SHOP DRAWINGS FOR CONNECTION SIZES TO FIXTURES.
- PROVIDE SEPARATE P-TRAP FOR EACH FIXTURE, FLOOR DRAIN, AND PIECE OF EQUIPMENT.
- MOUNT FIXTURES RIGID TO WALLS AS SHOWN ON DRAWINGS OR DETAILS.
- PROVIDE OUTLET DEVICES WHICH LIMIT FLOW OF HOT WATER TO LAVATORIES AND HAND SINKS TO A MAXIMUM OF 0.5 GPM AND SIZED AS RECOMMENDED BY MANUFACTURER AND AS REQUIRED BY ASHRAE STANDARD 90-75, PARAGRAPH 7.7.2, LOCAL AND STATE ENERGY CODES.
- INSTALL LAVATORIES AND HAND SINKS WITH A MINIMUM OF 4" CLEARANCE ON EACH SIDE FROM WALL OR PARTITION.
- COORDINATE DIMENSIONS REQUIRED FOR MINIMUM FIXTURE CLEARANCE WITH OTHER DIVISIONS.
- INSTALL APPROVED CAULKING AROUND JOINTS AT FIXTURES MOUNTED ON WALL OR FLOOR.

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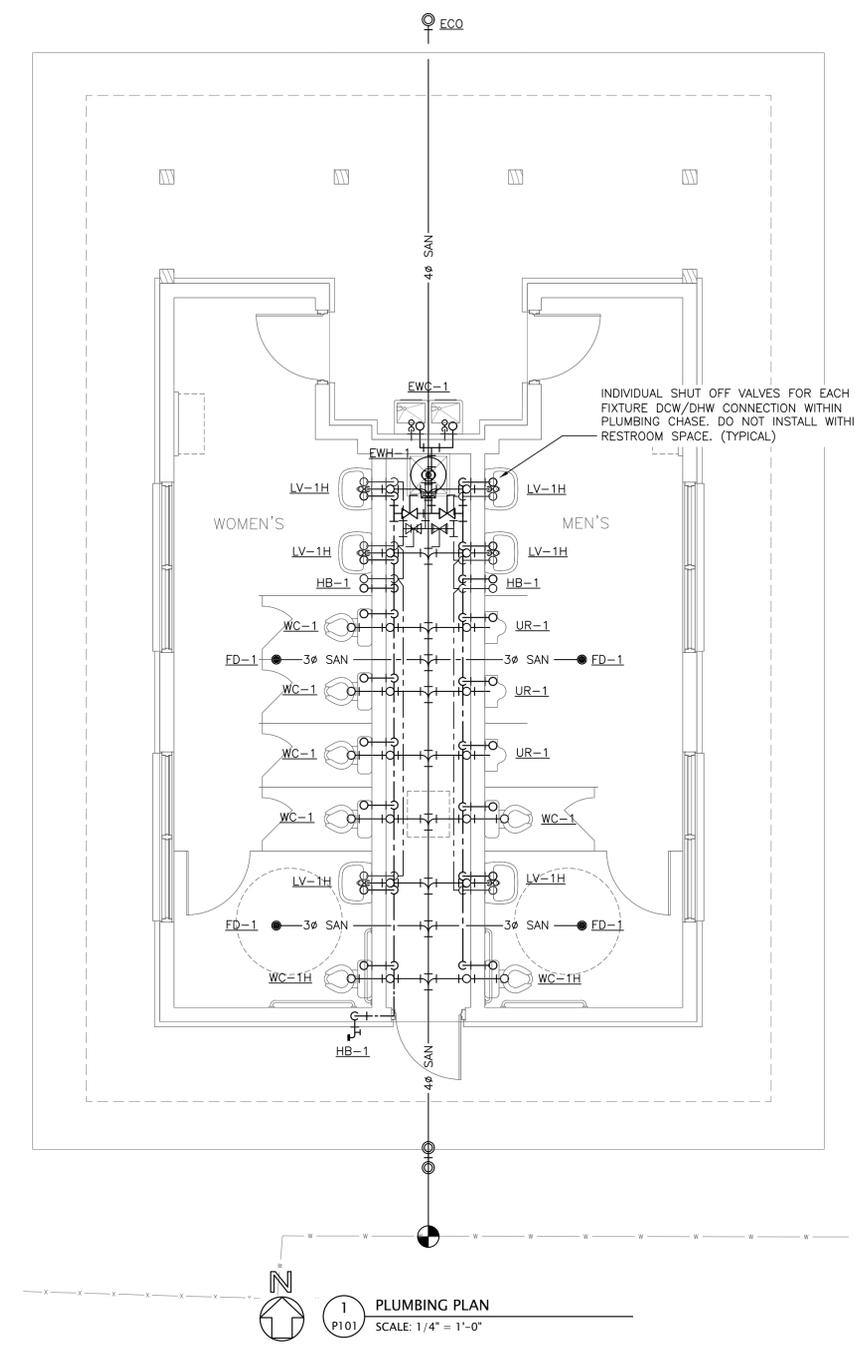
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Registration
 Drawn
 GWS
 Project Manager
 LCW
 Principal
 216003-018
 Project No.
 03.29.23
 Date

A Landscape Development Plan for
Comfort Station
 Foley, Alabama



2 SANITARY WASTE RISER
 P101



1 PLUMBING PLAN
 SCALE: 1/4" = 1'-0"
 P101

INDIVIDUAL SHUT OFF VALVES FOR EACH
 FIXTURE DCW/DHW CONNECTION WITHIN
 PLUMBING CHASE. DO NOT INSTALL WITHIN
 RESTROOM SPACE. (TYPICAL)

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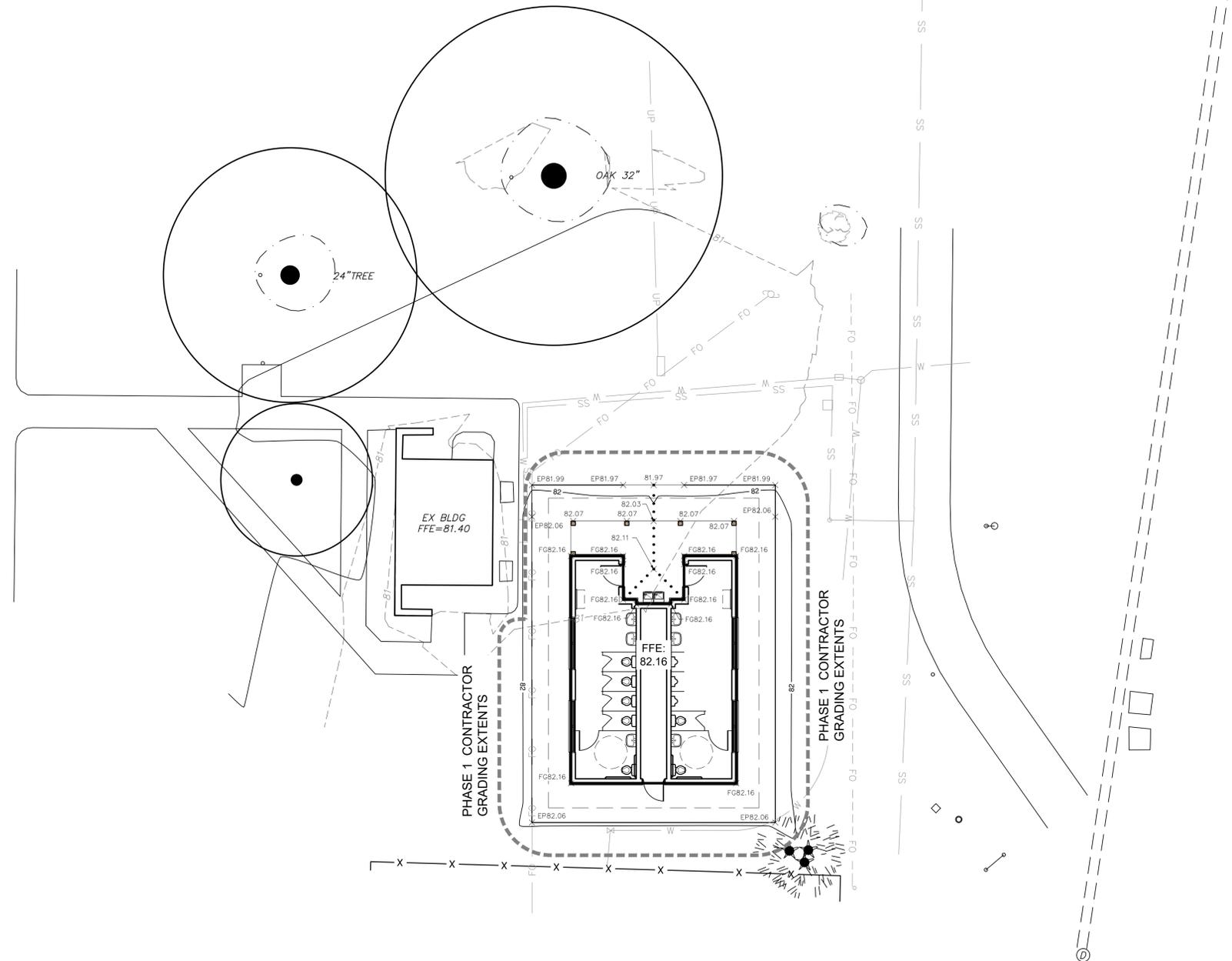
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| LCW Principal | |
| 216003-018 Project No. | |
| 03.29.23 Date | |

PHASE 1 GRADING LEGEND, BY CONTRACTOR

- | | | | |
|--|---|-------|--------------------|
| | = DIRECTION OF SURFACE DRAINAGE FLOW ROUTE | BS | = BOTTOM OF STEPS |
| | = SPOT ELEVATION (PROPOSED) | BC | = BOTTOM OF CURB |
| | = SPOT ELEVATION (CE PROPOSED) | BW | = BOTTOM OF WALL |
| | = DRAIN: TRENCH DRAIN (C-#) | CE | = COPING ELEVATION |
| | = DRAIN: 9" NDS FLAT INLET (I-#) | EG | = EXISTING GRADE |
| | = DRAIN: 24" NDS FLAT INLET (I-#) | EP | = EDGE OF PAVEMENT |
| | = DRAIN: 12" ATRIUM INLET (I-#) | FFE | = FINISH FLOOR |
| | = DRAIN: OUTLET (O-#) | FG | = FINISHED GRADE |
| | = DRAIN CONNECTION: FITTINGS ETC. (F-#) | FS | = FINISHED SURFACE |
| | = FLOW LINE | FL | = FLOW LINE |
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| | | MH | = MANHOLE |
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| | | TW | = TOP OF WALL |
| | | WE | = TOP OF WATER |

N. MCKENZIE STREET
(HWY 59)



PHASE 1 CONTRACTOR
GRADING EXTENTS

PHASE 1 CONTRACTOR
GRADING EXTENTS

TO BE PERFORMED BY CONTRACTOR



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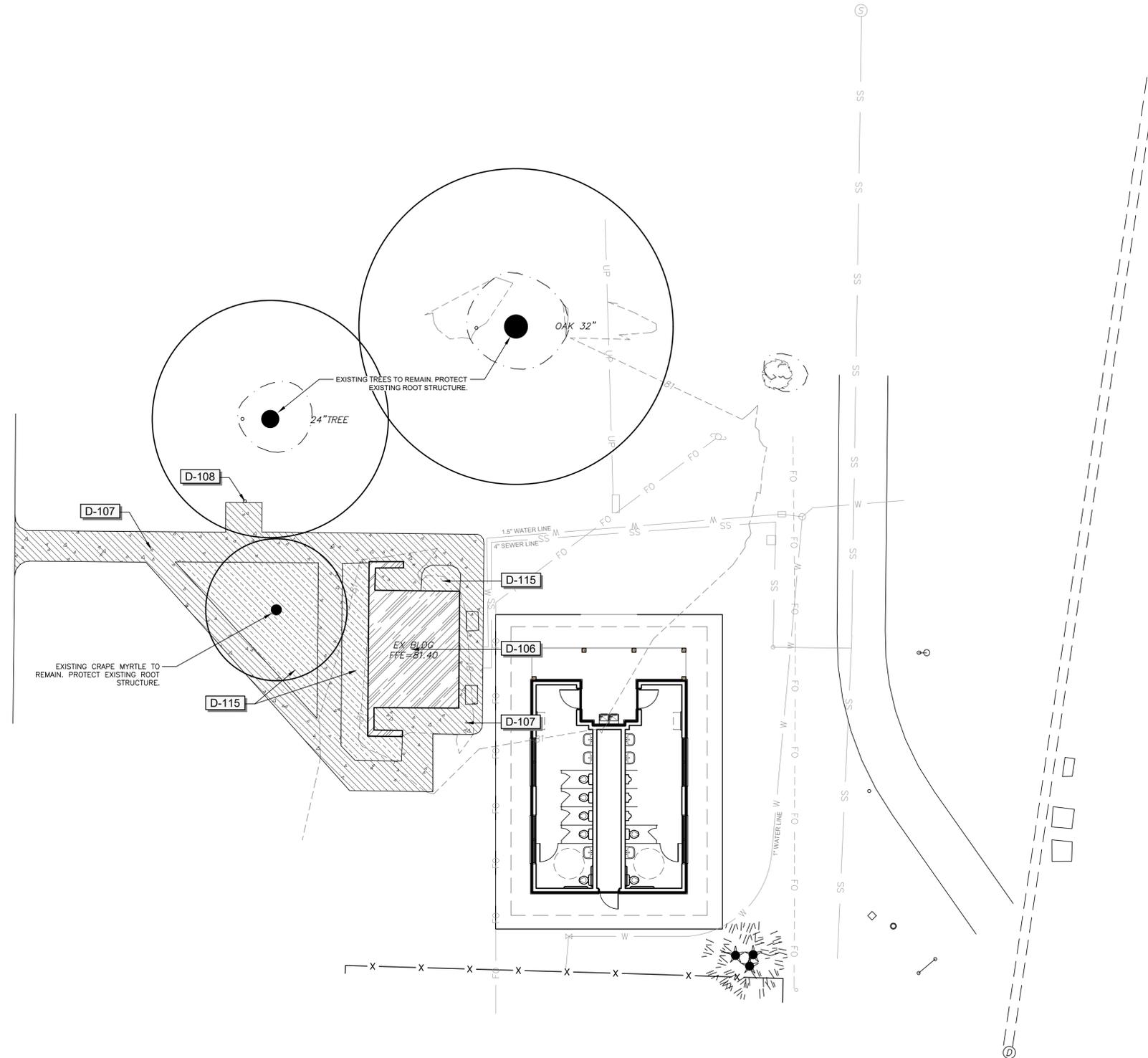
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**PHASE 1 GRADING
& DRAINAGE PLAN**

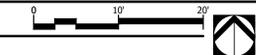
PHASE 2 DEMOLITION SCHEDULE, BY CITY

| SYMBOL | DEMOLITION DESCRIPTION | QTY |
|--------|---|--------|
| D-106 | REMOVE EXISTING BUILDING & ALL ASSOCIATED EQUIPMENT. DISPOSE OF MATERIALS APPROPRIATELY. | 1 |
| D-107 | REMOVE EXISTING SIDEWALK, DISPOSE OF MATERIALS APPROPRIATELY. | 987 SF |
| D-108 | REMOVE EXISTING ELECTRICAL OUTLET, DISPOSE OF MATERIALS APPROPRIATELY. REMOVE EXISTING ELECTRICAL WIRING TO PROJECT LIMITS & CAP PER SPECS. | 1 |
| D-115 | REMOVE EXISTING UNDERSTORY SHRUBS & GROUND COVER. DISPOSE OF MATERIALS APPROPRIATELY. | 486 SF |

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(HWY 59)



TO BE PERFORMED BY CITY



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**PHASE 2
DEMOLITION PLAN**

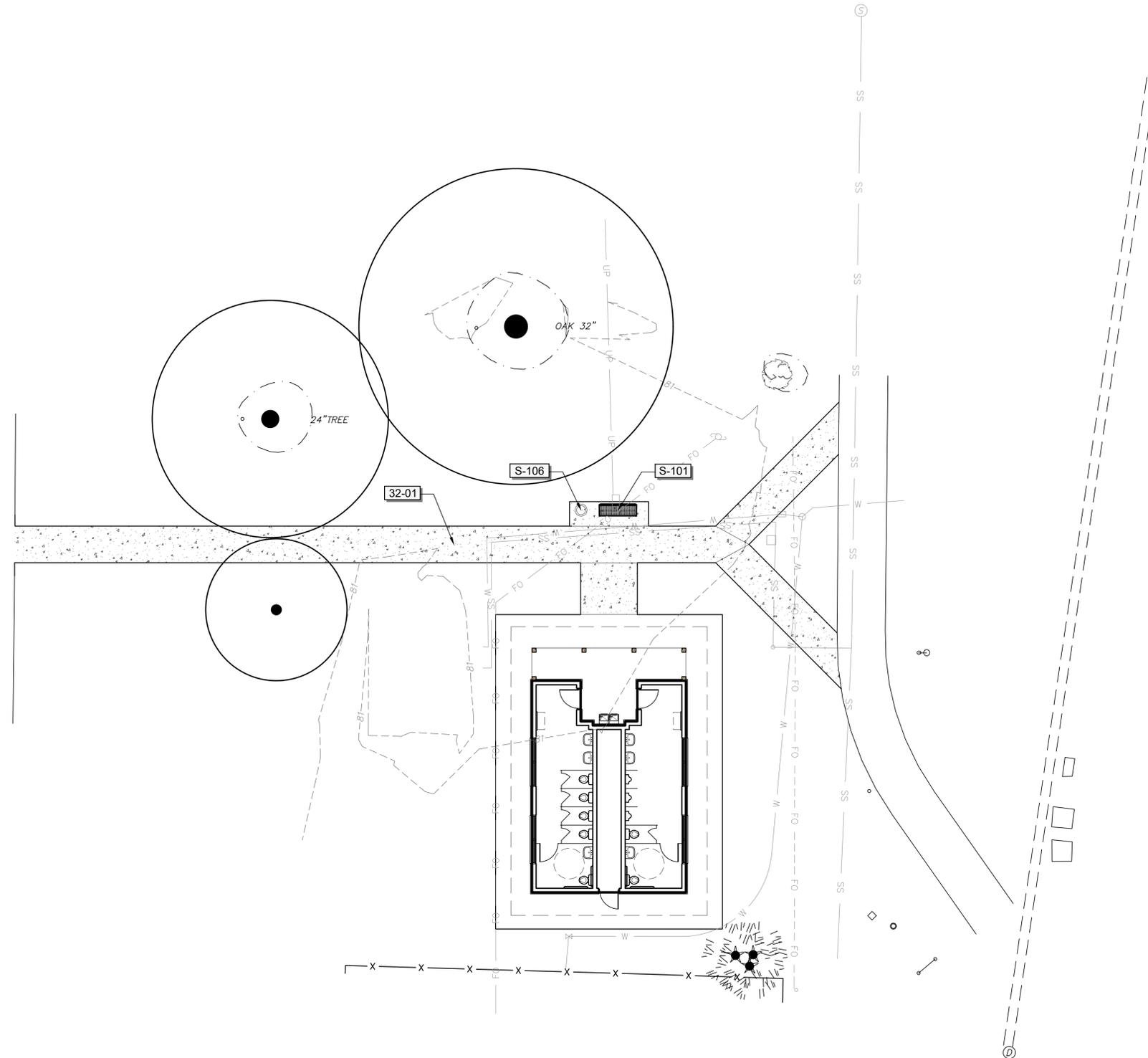
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LD101

PHASE 2 HARDSCAPE SCHEDULE, BY CITY

| SYMBOL | 32 EXTERIOR IMPROVEMENTS DESCRIPTION | QTY | DETAIL |
|--------|--|----------|---------|
| 32-01 | CONCRETE PAVING, 3,500 PSI CONCRETE, MEDIUM BROOM FINISH | 1,137 SF | 1/LH508 |
| SYMBOL | SITE FURNISHINGS DESCRIPTION | QTY | DETAIL |
| S-101 | BENCH, LAMPLIGHTER BENCH WITH BACK BY KEYSTONE RIDGE DESIGNS, MODEL #L26, COLOR: GLOSS BLACK. CAST ON NAME PLATE: CITY OF FOLEY. | 1 | |
| S-106 | EXISTING TRASH RECEPTACLE, RE-INSTALL TRASH RECEPTACLE THAT EXISTS ON SITE | 1 | |

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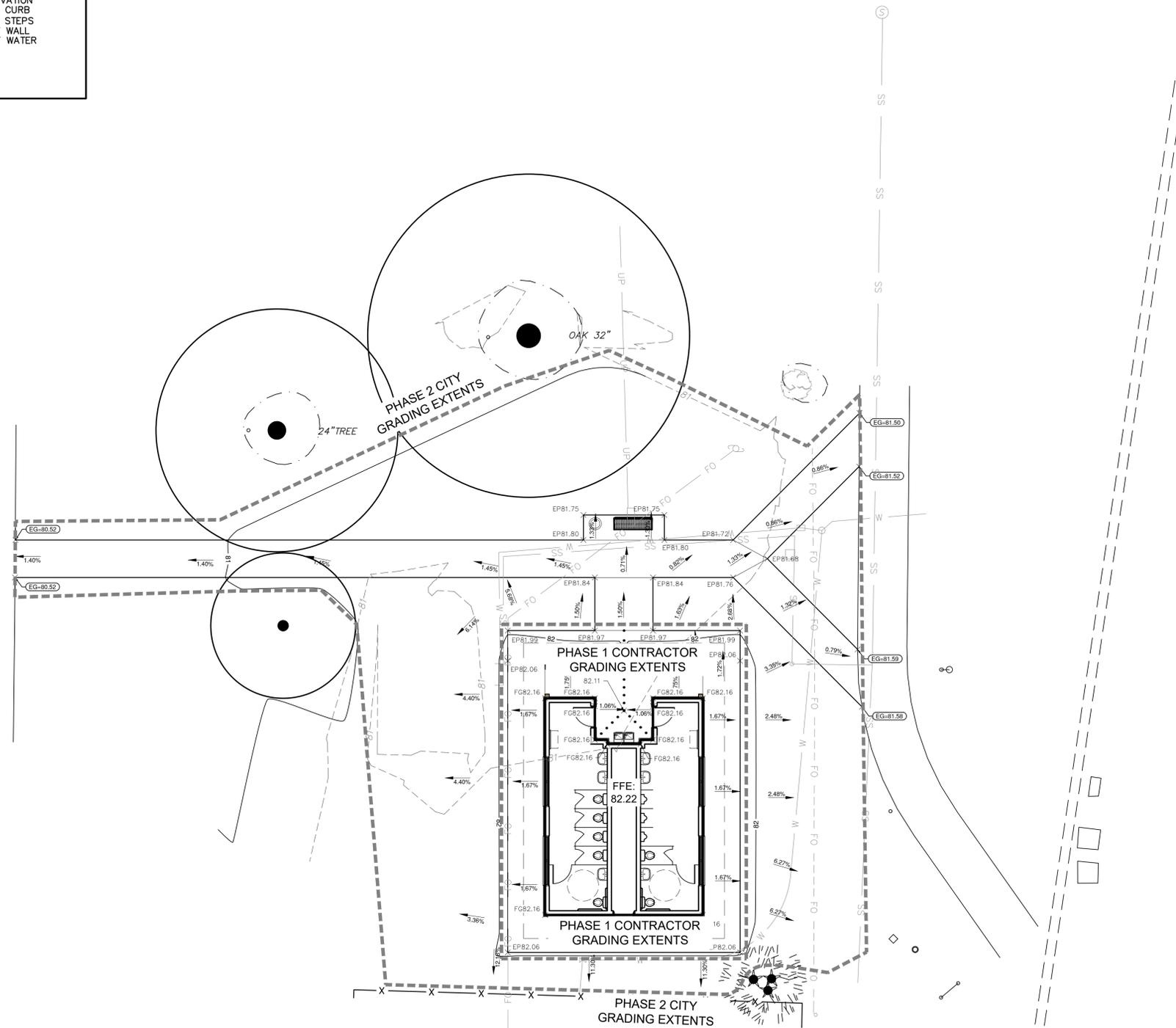
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HARDSCAPE PLAN

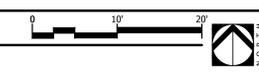
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| | | RIM | = RIM ELEVATION |
| | | TC | = TOP OF CURB |
| | | TS | = TOP OF STEPS |
| | | TW | = TOP OF WALL |
| | | WE | = TOP OF WATER |

N. MCKENZIE STREET
(HWY 59)



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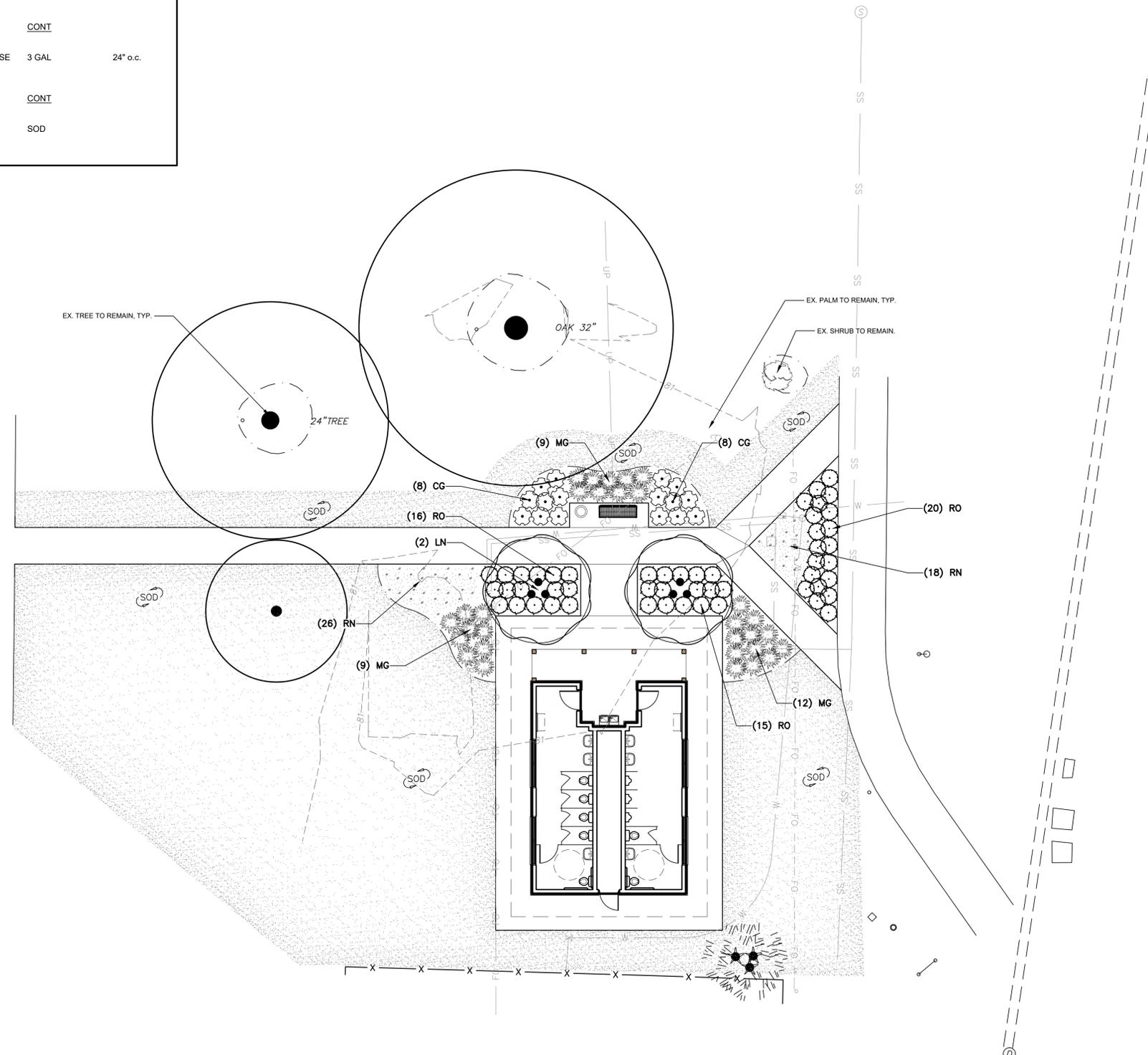
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PHASE 2 GRADING
& DRAINAGE PLAN

PLANT SCHEDULE, BY CITY

| TREES | CODE | QTY | BOTANICAL / COMMON NAME | CONT | HT | |
|---------------|------|----------|--|--------|--------|----------|
| | LN | 2 | LAGERSTROEMIA INDICA 'NATCHEZ' / 'NATCHEZ' CRAPE MYRTLE MINIMUM 3 TRUNKS, FULL HEAD | 30 GAL | 8'-10' | |
| SHRUBS | CODE | QTY | BOTANICAL / COMMON NAME | CONT | W | SPACING |
| | CG | 16 | CAMELLIA SASANQUA 'SHISHI GASHIRA' / SHISHI GASHIRA CAMELLIA | 3 GAL | | 36" o.c. |
| | RO | 51 | ROSA 'RADRAZZ' PP11836 / KNOCK OUT ROSE | 3 GAL | | 36" o.c. |
| GRASSES | CODE | QTY | BOTANICAL / COMMON NAME | CONT | W | SPACING |
| | MG | 30 | MISCANTHUS SINENSIS 'ADAGIO' / ADAGIO MAIDEN GRASS | 3 GAL | | 42" o.c. |
| GROUND COVERS | CODE | QTY | BOTANICAL / COMMON NAME | CONT | W | SPACING |
| | RN | 44 | ROSA X 'NOVAROSPOP' TM / POPCORN DRIFT GROUND COVER ROSE | 3 GAL | | 24" o.c. |
| SOD/SEED | CODE | QTY | BOTANICAL / COMMON NAME | CONT | W | SPACING |
| | EO | 6,349 SF | EREMOCHLOA OPHIUROIDES / CENTIPEDEGRASS | SOD | | |

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LANDSCAPE PLANTING PLAN