

- SITE DATA:**
- OWNER:
CURRITUCK COUNTY
153 COURTHOUSE ROAD
SUITE 302
CURRITUCK, NC 27929

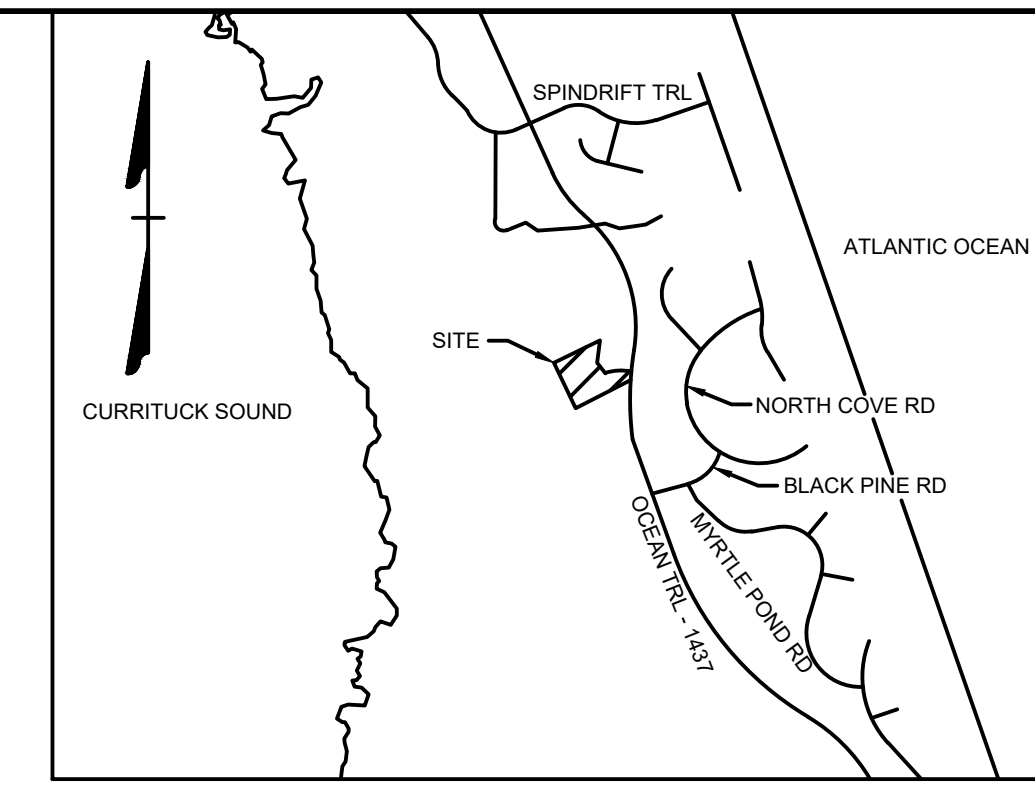
CURRITUCK COUNTY MANAGER:
REBECCA GAY
252-232-2075
 - PARCEL: 01270000060000
TRACT SIZE: 2.16 AC
D.B. 1169, PG. 668
P.C. M, SLD. 25
ZONING: SFO - SINGLE FAMILY RESIDENTIAL - OUTER BANKS
ADDRESS: 468 OCEAN TRAIL
COROLLA, NC 27927
 - MINIMUM SETBACKS:
STREET: 50 FT
SIDE: 10 FT
REAR: 25 FT
 - PARKING REQUIREMENTS
REQUIRED: 1 SPACE / 1,500 SF PER UTILITY SPACE
4,000 SF / 1,500 = 3 SPACES

PROVIDED: 6 SPACES WITH ONE ADA SPACE
 - THE PROPERTY IS LOCATED IN FLOOD ZONE "X", AS SHOWN ON FLOOD MAP PANEL 3720994300K, DATED DECEMBER 21, 2018 AND SUBJECT TO CHANGE BY FEMA.
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 - TOPOGRAPHIC SITE SURVEY PERFORMED BY TIMMONS GROUP IN DECEMBER 2025.
 - ON-SITE COVERAGE CALCULATIONS:

EXISTING:
BUILDING: 7,334 SF (7.79%)
CONCRETE: 734 SF (0.78%)
GRAVEL: 14,028 SF (14.90%)
TOTAL: 22,096 SF (23.46% OF SITE)

PROPOSED:
BUILDING: 4,115 SF (4.37%)
CONCRETE: 10,052 SF (10.67%)
OFFSITE: 1,158 SF (1.23%)
EXISTING TO REMAIN: 10,108 SF (10.73%)
TOTAL: 25,433 SF (27.01% OF SITE)

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	DELTA	CHORD BEARING	CHORD
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VICINITY MAP
NO SCALE

LEGEND

- BENCHMARK
- EXISTING IRON REBAR (EIR)
- CALCULATED POINT
- EX FIRE HYDRANT
- EX WATER VALVE
- EX TELEPHONE PEDESTAL
- EX LIGHT POLE
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- EX SIGN
- EX BOLLARD
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- EX TREE
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05/12/2026

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TWR

DESIGNED BY
KDH

CHECKED BY
KDH

SCALE
1" = 30'

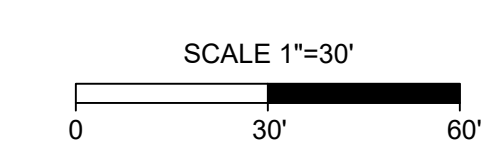
JOB NO.
75315

SHEET NO.
C1.0

TIMMONS GROUP
NORTH CAROLINA LICENSE NO. C-1652

SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA

EXISTING CONDITIONS



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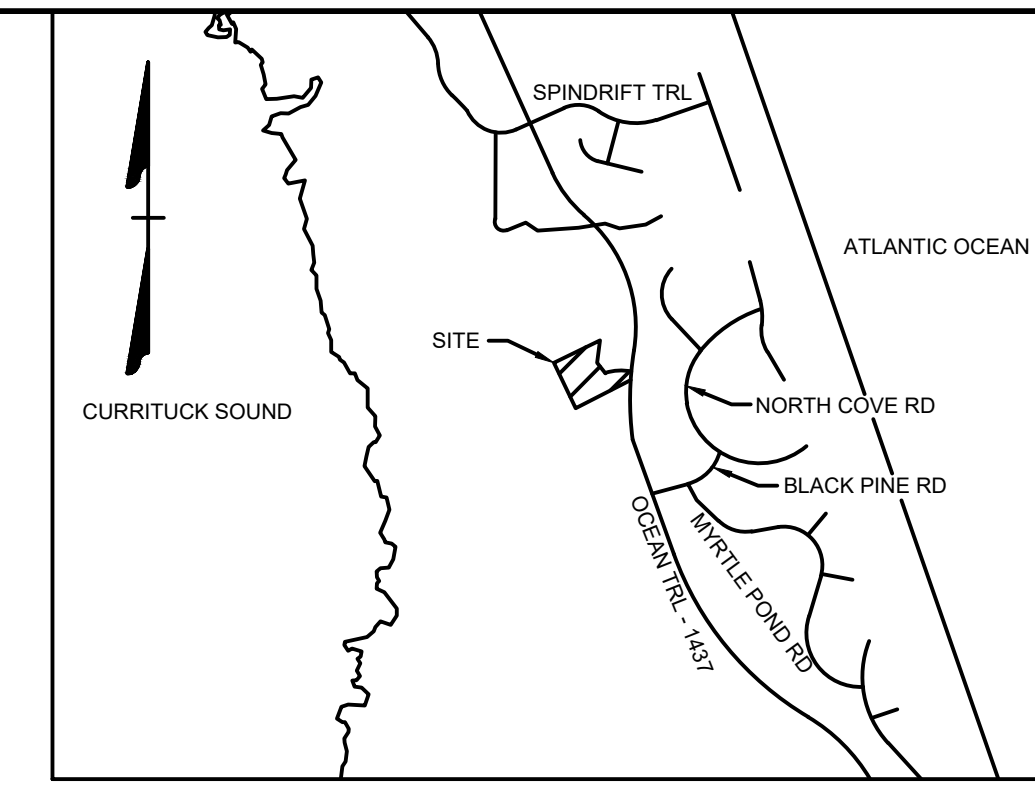
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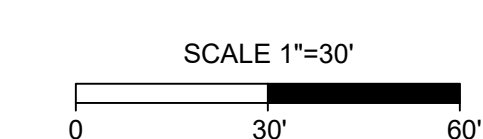
NOTE: SEE EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF DEMOLITION



VICINITY MAP
NO SCALE

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TWR

DESIGNED BY
KDH

CHECKED BY
KDH

SCALE
1" = 30'

JOB NO.
75315

SHEET NO.
C1.1

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NORTH CAROLINA LICENSE NO. C-1652

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POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA

DEMOLITION PLAN



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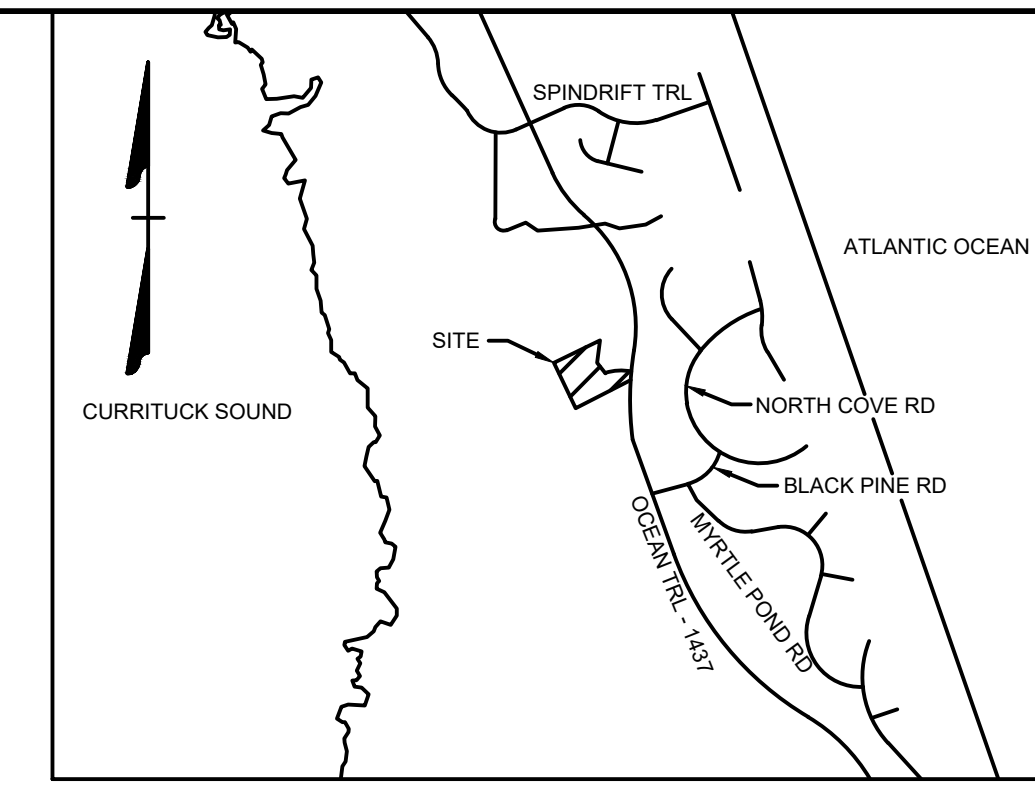
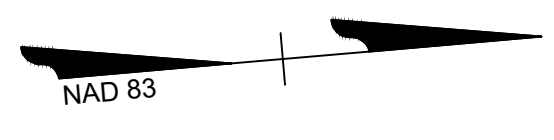
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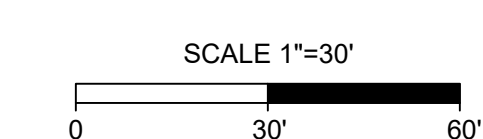
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KTY

DESIGNED BY
KDH

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KDH

SCALE
1" = 30'

TIMMONS GROUP
NORTH CAROLINA LICENSE NO. C-1652

SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA

GRADING AND DRAINAGE PLAN

JOB NO.
75315

SHEET NO.
C3.0



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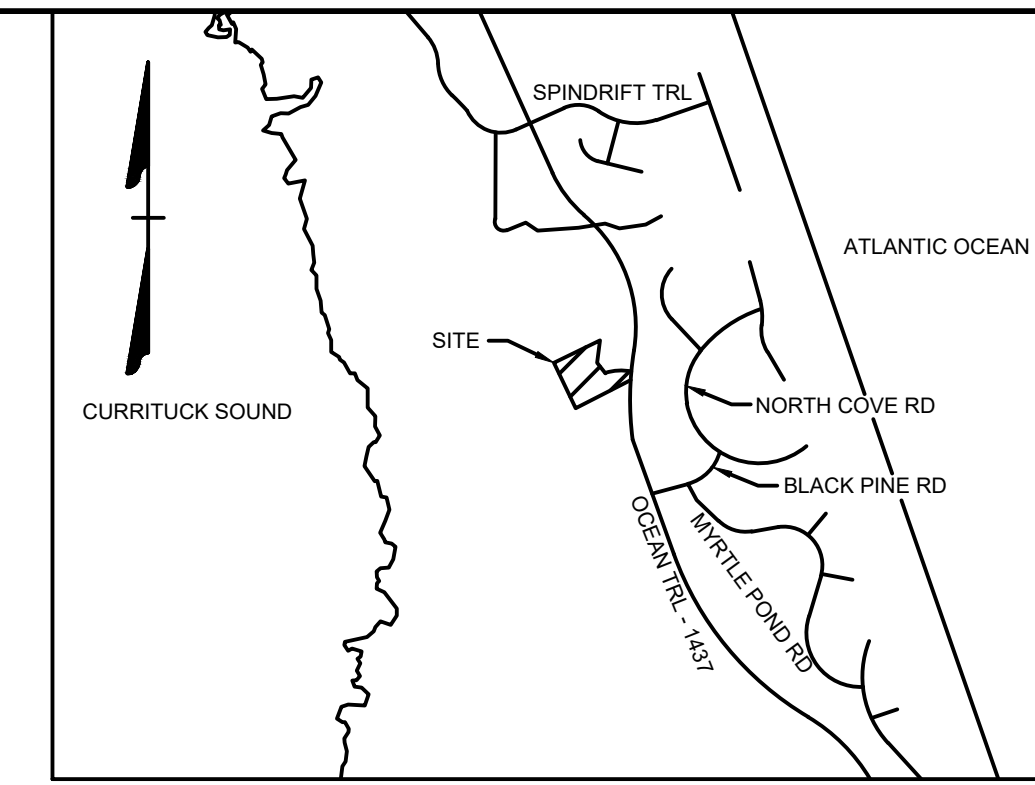
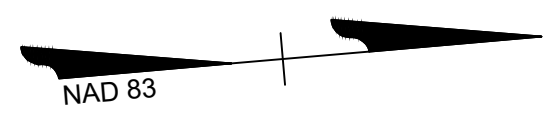
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VICINITY MAP
NO SCALE

LEGEND

- (LOD) [Symbol] LIMIT OF DISTURBANCE
- (GCE) [Symbol] TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
- (SF) [Symbol] SILT FENCE
- [Symbol] TREE PROTECTION

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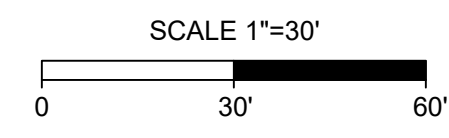
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SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA
EROSION AND SEDIMENT CONTROL PLAN

JOB NO. 75315
SHEET NO. C3.1

S:\10097515 - Beacon - Southern Outer Banks Water System at Pine Island\DWG\Sheet\CD\51515CC3.1 - EROS.dwg | Plotted on 5/12/2026 2:57 PM | by Kait York



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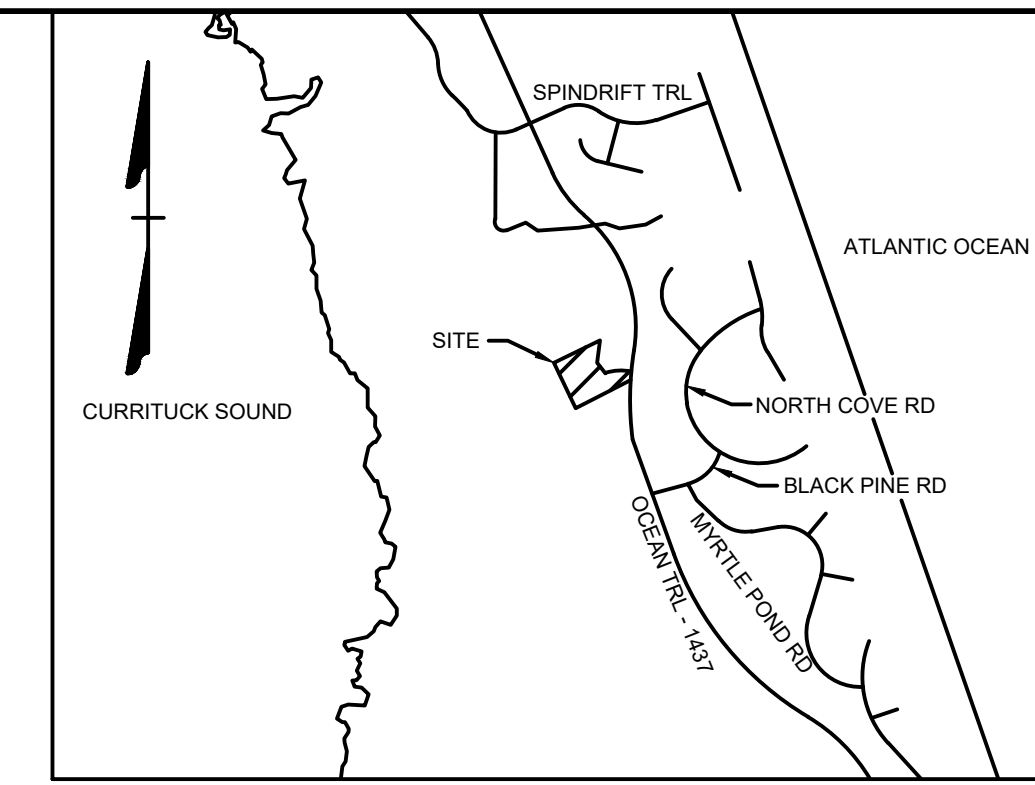
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VICINITY MAP
NO SCALE

LANDSCAPE REQUIREMENTS:

- SITE LANDSCAPING REQUIRED:
- 2 CALIPER INCHES OF CANOPY TREE PER ACRE
= 2.68 AC * 12 ACI = 4.32 ACI => 5 ACI
- AT LEAST 1 SHRUB (AT LEAST HALF EVERGREEN) PER EACH 5 FEET OF BUILDING FAÇADE FACING A STREET
= 100.25 LF OF BUILDING FAÇADE / 5 FEET = 20 SHRUBS
- VEHICULAR USE AREA LANDSCAPING REQUIRED:
- PERIMETER OF PARKING - 1 SHRUB 5' O.C.
- NO PARKING SPACE MAY BE MORE THAN 60' FROM THE TRUNK OF A TREE
- LANDSCAPE BUFFER:
- NO BUFFER REQUIRED BETWEEN SFO ZONE AND OTHER SFO ZONE PROPERTIES
- SITE LANDSCAPING PROVIDED:
- 2 TREES @ 3 ACI EACH
- 20 SHRUBS
- VEHICULAR AREA LANDSCAPING PROVIDED:
- 1 TREE
- 12

HERITAGE TREE:

THE SITE CONTAINS 21 QUALIFYING LIVE OAKS AND 1 QUALIFYING PINE WITH AN OVERALL ACI = 718.

11 HERITAGE TREES ARE TO BE REMOVED DURING CONSTRUCTION. THE TOTAL TREE TO BE REMOVED = 346 ACI.

REPLACEMENT TREES REQUIRED: 173 ACI (87 ACI MUST BE LIVE OAK) PROPOSED REPLACEMENT ON SITE:
- 29 LIVE OAKS @ 3 CALIPER INCHES EACH = 87 ACI
- 29 RED CEDAR @ 3 CALIPER INCHES EACH = 87 ACI
- TOTAL ACI REPLACED = 174

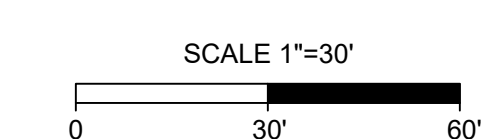
REMAINING HEALTHY HERITAGE TREES ON SITE = 372 ACI

NOTES:

- CANOPY TREES SHALL BE A MINIMUM OF 8' IN HEIGHT AND HAVE A MINIMUM CALIPER OF 2" (MEASURED 6" ABOVE GRADE)
- SHRUBS SHALL BE A MINIMUM OF 18" IN HEIGHT (3 GAL)
- LANDSCAPE AREAS AROUND TREES AND SHRUBS WHERE NO GRASS IS PLANTED SHALL BE COVERED WITH NATURAL MULCH AT A MINIMUM DEPTH OF 3"
- LANDSCAPE AREAS SHALL BE WATERED REGULARLY TO INSURE SURVIVABILITY OF ALL PLANTINGS.
- LANDSCAPING SHALL BE INSTALLED SUCH THAT 2' OF SEPARATION IS MAINTAINED BETWEEN MATURE PLANTS.
- LANDSCAPING SHALL BE INSTALLED AS SHOWN AND A LETTER SHALL BE PROVIDED TO THE PLANNING DIRECTOR STATING THAT PLANTINGS HAVE BEEN INSTALLED. SUBSTITUTIONS SHALL BE PRIOR APPROVED BY THE PLANNING DIVISION.

LANDSCAPE LEGEND

PLANT NAME	QTY
EASTERN RED CEDAR JUNIPERUS VIRGINIANA	29
LIVE OAK QUERCUS VIRGINIANA	29
OCTOBER GLORY RED MAPLE ACER RUBRUM	3
DWARF YAUPON ILEX VOMITORIA 'NANA'	12
INDIAN HAWTHORN RHAPHIOLEPIS X DELACOURI	20



PROGRESS PRINT
MAY 12, 2026
NOT FOR
CONSTRUCTION

THIS DRAWING PREPARED AT THE
ELIZABETH CITY OFFICE
1805 West City Drive, Unit E | Elizabeth City, NC 27909
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REVISION DESCRIPTION	DATE
YOUR VISION ACHIEVED THROUGH OURS.	05/12/2026

DRAWN BY
KTY
DESIGNED BY
KDH
CHECKED BY
KDH
SCALE
1" = 30'

TIMMONS GROUP
NORTH CAROLINA LICENSE NO. C-1652

SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA
LANDSCAPE PLAN

JOB NO.
75315
SHEET NO.
C5.0



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GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed -7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones
(d) Slopes 3:1 to 4:1	14	-10 days for Falls Lake Watershed -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope
(e) Areas with slopes flatter than 4:1	14	

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION
Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rolled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rolled erosion control products with grass seed

- POLYACRYLAMIDES (PAMS) AND FLOCCULANTS**
- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
 - Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
 - Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
 - Provide ponding area for containment of treated stormwater before discharging offsite.
 - Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

- EQUIPMENT AND VEHICLE MAINTENANCE**
- Maintain vehicles and equipment to prevent discharge of fluids.
 - Provide drip pans under any stored equipment.
 - Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
 - Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
 - Remove leaking vehicles and construction equipment from service until the problem has been corrected.
 - Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

- LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE**
- Never bury or burn waste. Place litter and debris in approved waste containers.
 - Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
 - Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
 - Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
 - Anchor all lightweight items in waste containers during times of high winds.
 - Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
 - Dispose waste off-site at an approved disposal facility.
 - On business days, clean up and dispose of waste in designated waste containers.

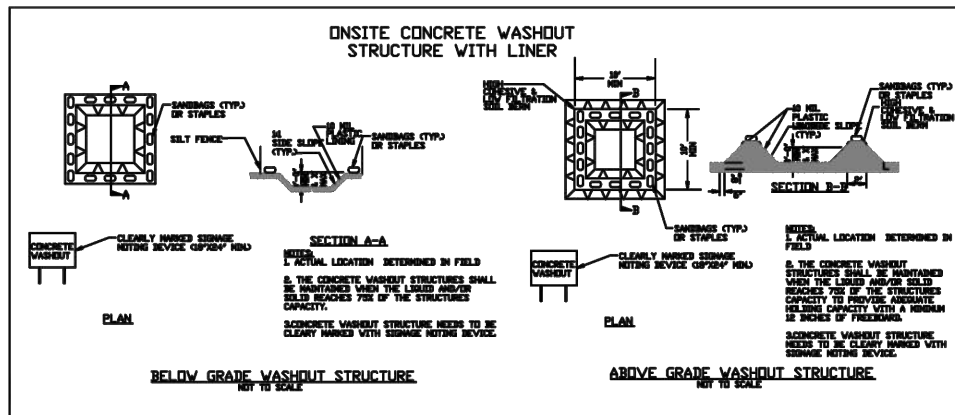
- PAINT AND OTHER LIQUID WASTE**
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
 - Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
 - Contain liquid wastes in a controlled area.
 - Containment must be labeled, sized and placed appropriately for the needs of site.
 - Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

- PORTABLE TOILETS**
- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
 - Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
 - Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

- EARTHEN STOCKPILE MANAGEMENT**
- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
 - Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
 - Provide stable stone access point when feasible.
 - Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING EFFECTIVE: 04/01/19



- CONCRETE WASHOUTS**
- Do not discharge concrete or cement slurry from the site.
 - Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
 - Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
 - Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
 - Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
 - Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
 - Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
 - Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
 - Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
 - At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

- HERBICIDES, PESTICIDES AND RODENTICIDES**
- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
 - Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
 - Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, storm drains, ground water or surface water. If a spill occurs, clean area immediately.
 - Do not stockpile these materials onsite.

- HAZARDOUS AND TOXIC WASTE**
- Create designated hazardous waste collection area on-site.
 - Place hazardous waste containers under cover or in secondary containment.
 - Do not store hazardous chemicals, drums or bagged materials directly on the ground.

SEEDBED PREPARATION

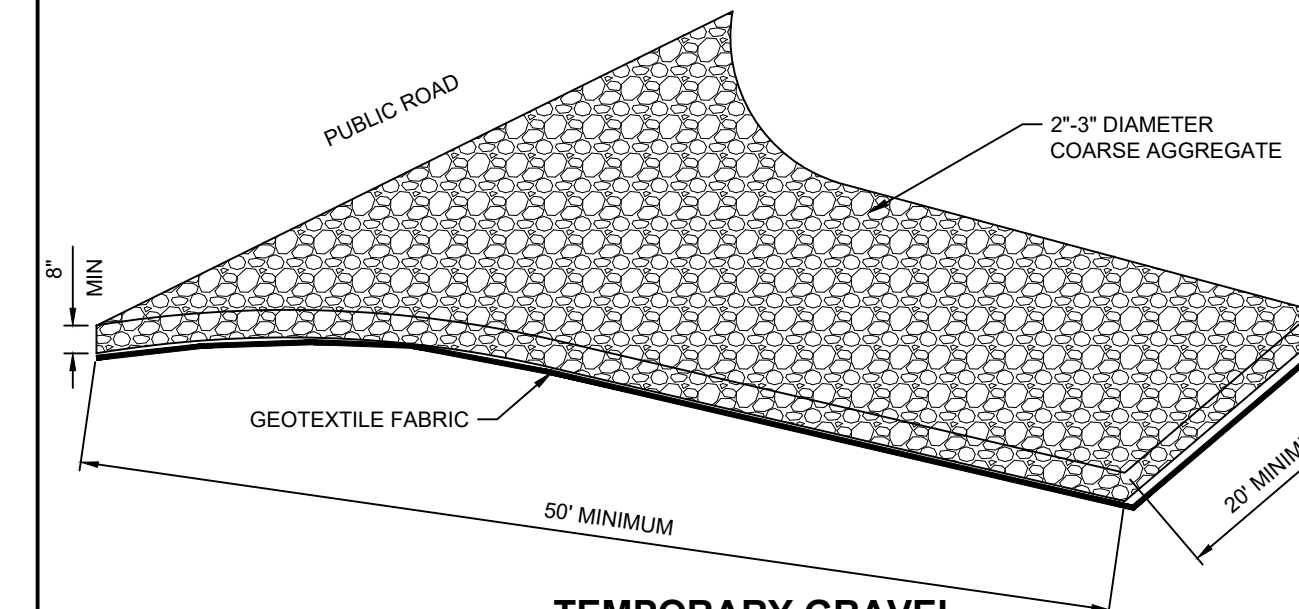
- CONSTRUCTION SPECIFICATIONS**
- PREPARE SOIL AS NECESSARY TO ESTABLISH AN ADEQUATE SEEDBED FOR RECEIVING SEED USING TILLAGE AND/OR REMOVAL OF DEBRIS (ROCKS, ROOTS, OBSTRUCTIONS), CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
 - SOIL SHALL RECEIVE LIME, FERTILIZER AND/OR SUPERPHOSPHATE UNIFORMLY AS NEEDED PER RECOMMENDATIONS FROM NORTH CAROLINA DEPARTMENT OF AGRICULTURE OR OTHER COMMERCIAL LABORATORY.
 - SEED ON A FRESHLY PREPARED SEEDBED AND ENSURE SEED IS LIGHTLY COVERED FOLLOWING INSTALLATION.
 - MULCH IMMEDIATELY AFTER SEEDING.
 - CONTRACTOR SHALL SEED ALL AREAS THAT ARE DISTURBED WITHIN TWO DAYS. INSPECT ALL SEEDED AREAS AND MAKE SURE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. AFTER ALL CONSTRUCTION ACTIVITIES ARE COMPLETE, AN INSPECTION WILL BE COMPLETED TO DETERMINE IF ADDITIONAL SEEDING WILL BE REQUIRED.

*APPLY: FERTILIZER, LIME, AND MULCH SHALL BE APPLIED AT RATES RECOMMENDED BY NCOA (OR OTHERS). OTHERWISE, APPLY AS DESCRIBED BELOW.

AGRICULTURAL LIMESTONE - 1-1.5 TONS/ACRE ON COURSE TEXTURED SOILS AND 2-3 TONS/ACRE IN FINE-TEXTURED SOILS.
SOILS WITH PH OF 6 OR HIGHER NEED NOT BE LIMED.
FERTILIZER - 700/1000 LBS/ACRE (10-10-10)
MULCH - 2 TONS/ACRE (SMALL GRAIN STRAW)
ANCHOR - ASPHALT EMULSION AT 450 GAL/ACRE

- CONSTRUCTION SPECIFICATIONS:**
- CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL, AND PROPERLY GRADE IT.
 - PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLAN.
 - PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.
 - USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

MAINTENANCE
MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH TWO-INCH STONE. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT NO SCALE

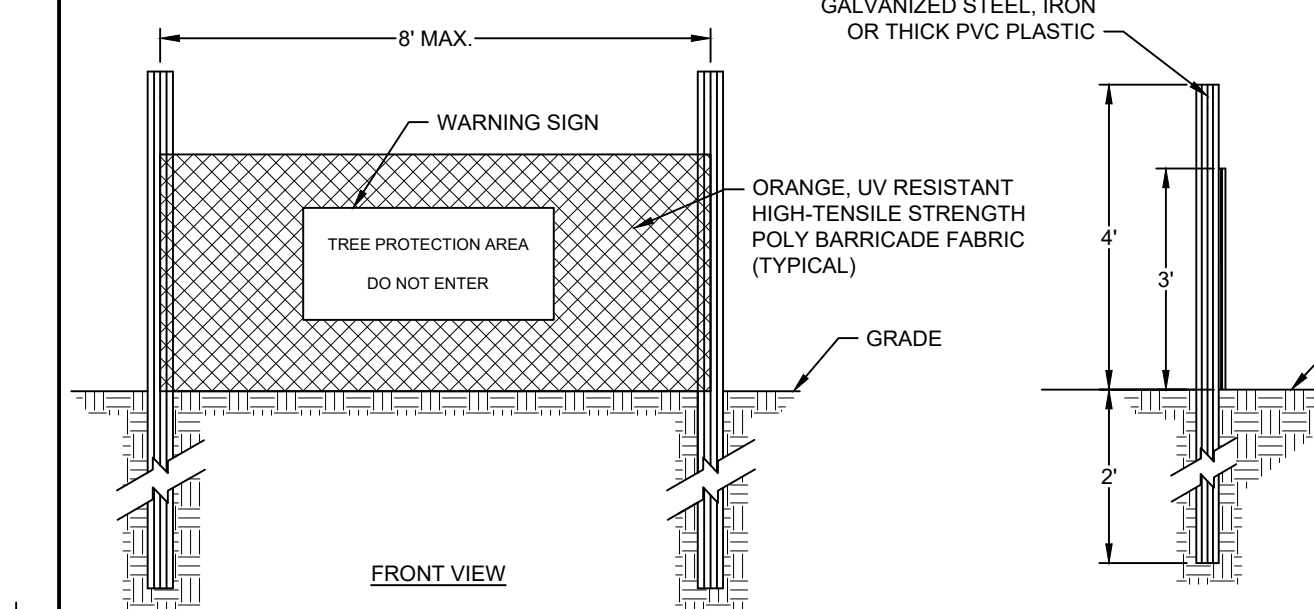
- CONSTRUCTION SEQUENCING**
- INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE PADS. (SEE DETAIL)
 - INSTALL EROSION CONTROL DEVICES AT SITE DISCHARGE POINTS AND ALL SILT FENCE TO PREVENT OFF SITE SEDIMENTATION.
 - PERFORM CLEARING DEMOLITION WORK.
 - INSTALL THE REMAINING SEDIMENT AND EROSION CONTROL PROTECTION.
 - INSTALL THE STONE BASE AND ASPHALT FOR THE PROPOSED PARKING.
 - PROVIDE GROUNDCOVER IN ACCORDANCE WITH DETAIL MARKED 'EROSION CONTROL MEASURES', THIS SHEET.
 - MONITOR AND MAINTAIN THE INSTALLED EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
 - ONCE VEGETATION IS ESTABLISHED, REMOVE ANY REMAINING CONTROL DEVICES.

PERMANENT SEEDING SCHEDULE FOR COASTAL PLAIN

DATE	TYPE	BROADCAST SEEDING RATES
SEP 1 - MAR 31	COMMON BERMUDA 'SAHARA' (UNHULLED) REBEL II FESCUE	130 LBS/ACRE 175 LBS/ACRE
APR 1 - AUG 31	COMMON BERMUDA 'SAHARA' (HULLED) REBEL II FESCUE	90 LBS/ACRE 175 LBS/ACRE
AUG 15 - APR 30	PERENNIAL RYE (AS A NURSE PLANT)	40 LBS/ACRE IN ADDITION TO OTHER SEED TYPES

TEMPORARY SEEDING SCHEDULE

DATE	TYPE	PLANTING RATES
APR 15 - AUG 15	GERMAN MILLET	40 LBS/ACRE
AUG 15 - APR 15	RYE GRAIN	120 LBS/ACRE



- NOTES:**
- TREE PROTECTION FENCING MUST BE INSTALLED AT A MINIMUM RADIUS OF THE CRITICAL ROOT ZONE
 - THE TREE PROTECTION FENCING MUST REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE APPROVED BY URBAN FORESTRY STAFF
 - APPROVED IN PLACE PROTECTION DEVICES MUST BE REMOVED AFTER CONSTRUCTION WHEN APPLICABLE.
 - SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER FOR THE REMAINDER.
 - FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTED AREA.
 - ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
 - ADDITIONAL SIGNS MAY BE REQUIRED BY LOCAL MUNICIPALITY BASED ON FIELD CONDITIONS.
 - SIGNS ARE TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL WITH LETTERS A MINIMUM OF 3" HIGH, CLEARLY LEGIBLE AND SPACED AS SHOWN.

TREE PROTECTION FENCE NO SCALE

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROVIDED ON ALL AREAS OF THE SITE WHICH ALL DISTURBED OR GRADED.

PROVIDE A GROUNDCOVER (TEMPORARY OR PERMANENT) ON EXPOSED SLOPES WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY FOR SLOPES 3:1 OR FLATTER AND LESS THAN 50' IN LENGTH FOR SLOPES 4:1 OR FLATTER OF ANY LENGTH (EXCEPT FOR PERIMETERS AND HQW ZONES), AND SLOPES NO STEEPER THAN 2:1 AND LESS THAN 10' IN LENGTH.

PROVIDE GROUNDCOVER (TEMPORARY OR PERMANENT) ON ALL EXPOSED SLOPES WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING; AND, A PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.

THE CONTROL MEASURES SHALL BEGIN PRIOR TO ANY LAND DISTURBING ACTIVITY INCLUDING CLEARING; SHALL CONTINUE DURING CONSTRUCTION AND SHALL CONTINUE WITH THE NECESSARY MAINTENANCE UNTIL THE DISTURBED LAND IS STABILIZED. COMPLIANCE WITH LOCAL AND/OR STATE SOIL EROSION AND SEDIMENTATION CONTROL LAWS SHALL BE THE ENTIRE RESPONSIBILITY OF THE CONTRACTOR. THIS PARAGRAPH IS INTENDED TO SERVE ONLY AS A GUIDE TO THE CONTRACTOR FOR COMPLIANCE WITH SUCH LAWS. ORDERS, RULES AND REGULATIONS CONCERNING EROSION AND SEDIMENTATION CONTROL PROTECTION OF EXISTING STRUCTURES AND FACILITIES FROM SEDIMENTATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ITEMS TO BE PROTECTED SHALL INCLUDE, BUT ARE NOT LIMITED TO, CATCH BASINS, NATURAL WATERWAYS, DRAINAGE DITCHES, WALKS, DRIVES, ROADS, LAWNS, AND STREAMS.

EROSION CONTROL MEASURES NO SCALE

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION
Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Base grade maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-monitoring device approved by the Division.
(2) E&S Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance records for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDCs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(b) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&S measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover) 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING
1. **E&S Plan Documentation**
The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&S measure has been installed and does not significantly deviate from the location, dimensions and relative elevations shown on the approved E&S plan.	Initial and date each E&S measure on a copy of the approved E&S plan or complete, date and sign an inspection report that lists each E&S measure shown on the approved E&S plan. This documentation is required upon the initial installation of the E&S measures or if the E&S measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S plan.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S measures.	Initial and date a copy of the approved E&S plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. **Additional Documentation to be Kept on Site**
In addition to the E&S plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:
- This General Permit as well as the Certificate of Coverage, after it is received.
 - Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
3. **Documentation to be Retained for Three Years**
All data used to complete this permit and all inspection records shall be maintained for a period of three years after project completion and made available upon request. (40 CFR 122.41)

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING
1. **Occurrences that Must be Reported**
Permittees shall report the following occurrences:

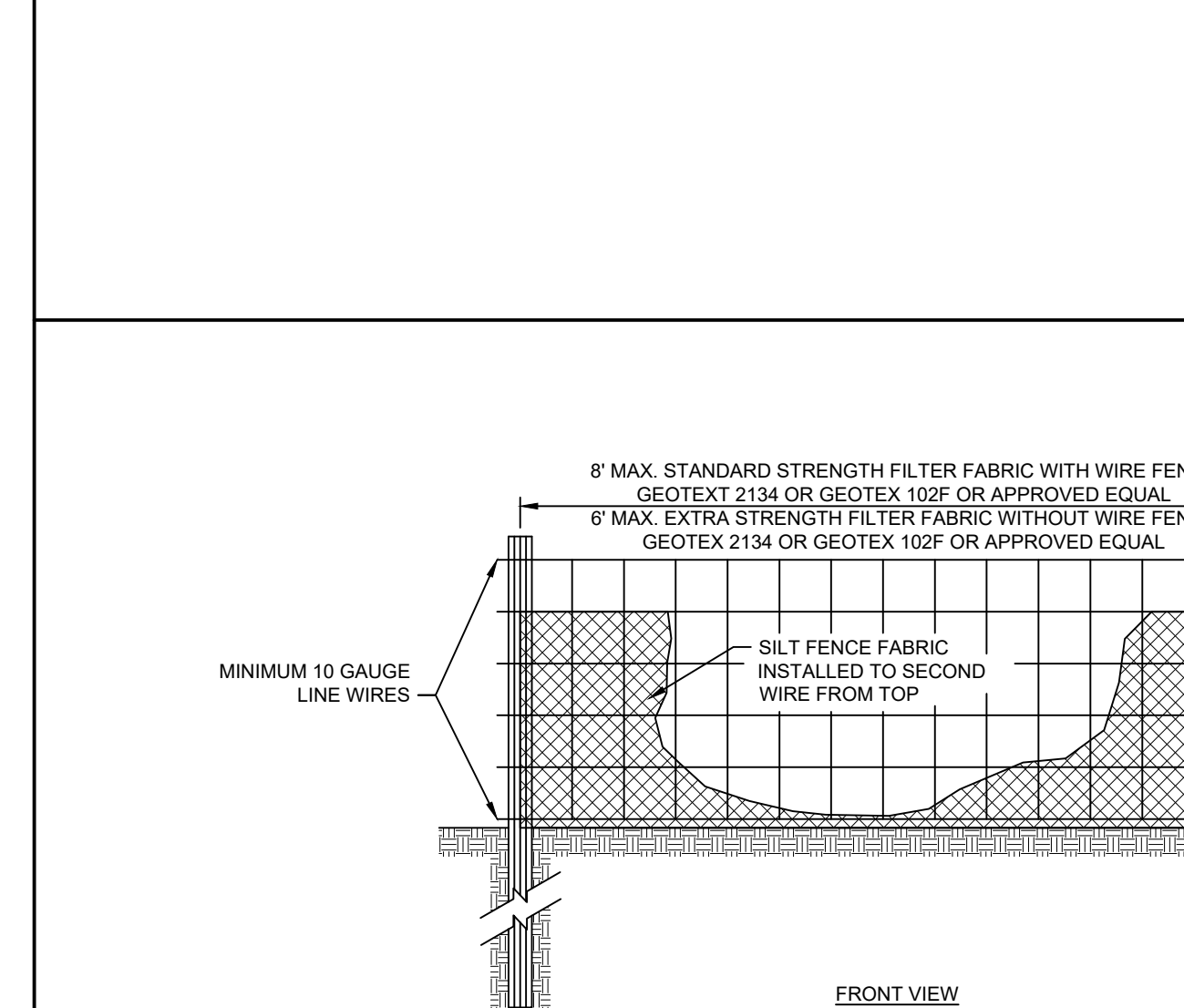
- Visible sediment deposition in a stream or wetland.
- Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 145-215.85.
- Anticipated bypasses and unanticipated bypasses.
- Noncompliance with the conditions of this permit that may endanger health or the environment.

2. **Reporting Timeframes and Other Requirements**
After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.
(b) Oil spills and release of hazardous substances, per Item 1(b)-(d) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment (40 CFR 122.41(g)(7))	<ul style="list-style-type: none"> Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass. Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes, the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue, and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. (40 CFR 122.41(i)(6)). Division staff may waive the requirement for a written report on a case-by-case basis.

CONSTRUCTION SEQUENCING

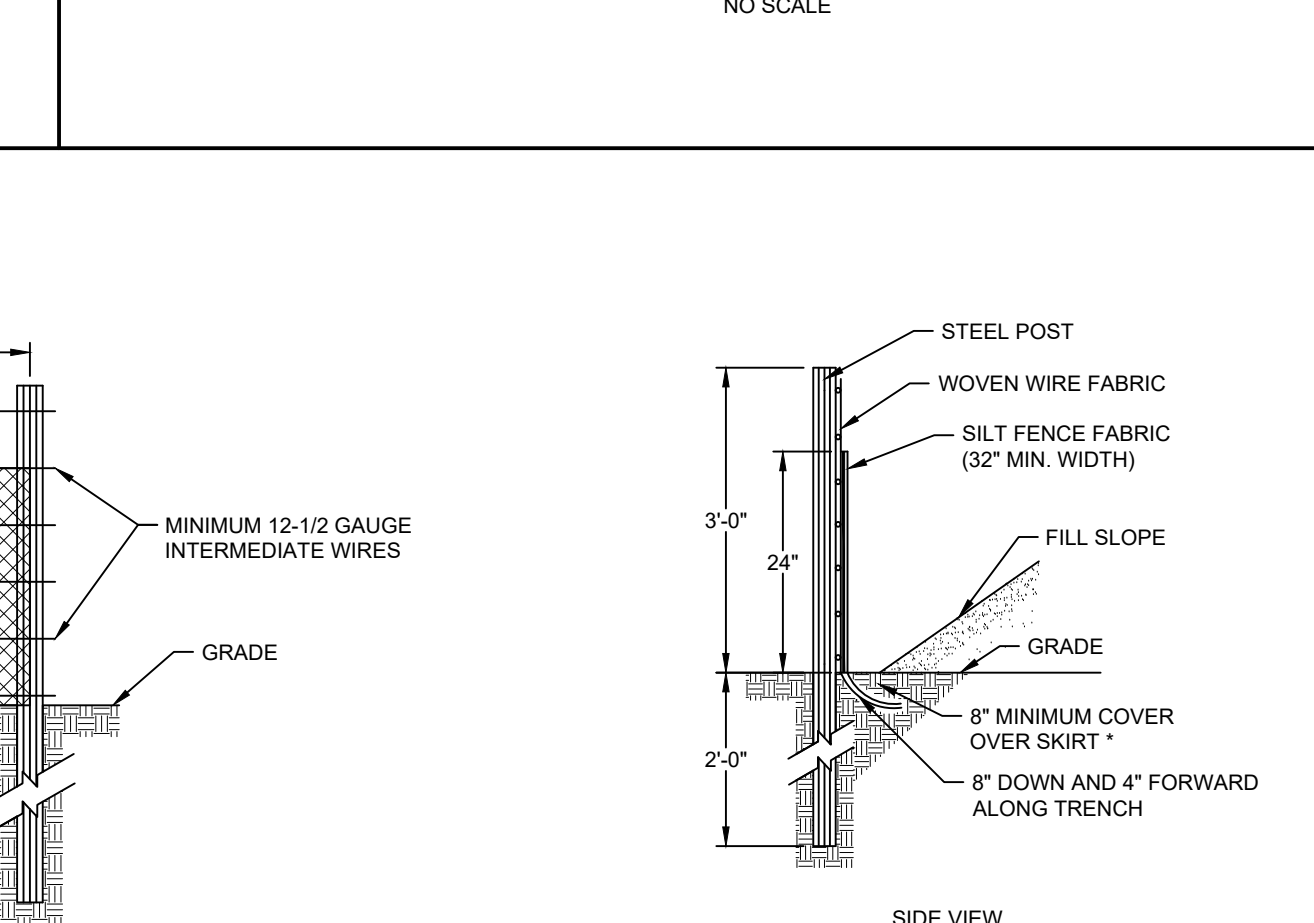
- INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE PADS. (SEE DETAIL)
- INSTALL EROSION CONTROL DEVICES AT SITE DISCHARGE POINTS AND ALL SILT FENCE TO PREVENT OFF SITE SEDIMENTATION.
- PERFORM CLEARING DEMOLITION WORK.
- INSTALL THE REMAINING SEDIMENT AND EROSION CONTROL PROTECTION.
- INSTALL THE STONE BASE AND ASPHALT FOR THE PROPOSED PARKING.
- PROVIDE GROUNDCOVER IN ACCORDANCE WITH DETAIL MARKED 'EROSION CONTROL MEASURES', THIS SHEET.
- MONITOR AND MAINTAIN THE INSTALLED EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
- ONCE VEGETATION IS ESTABLISHED, REMOVE ANY REMAINING CONTROL DEVICES.



- CONSTRUCTION SPECIFICATIONS**
- USE SYNTHETIC FILTER FABRIC OF AT LEAST 95% BY WEIGHT OF POLYOLEFINS OR POLYESTER, WHICH IS CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS IN ASTM D 6461.
 - SYNTHETIC FILTER FABRIC SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0-120 DEGREES F.
 - ENSURE THAT POSTS FOR SEDIMENT FENCES ARE 1.3 LB/LF STEEL WITH A MINIMUM LENGTH OF 6'. MAKE SURE THAT SILT POSTS HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC.
 - FOR REINFORCEMENT OF STANDARD STRENGTH FILTER FABRIC, USE WIRE FENCE WITH A MINIMUM 14 GAUGE AND A MAXIMUM MESH SPACING OF 6 INCHES.

SILT FENCE NO SCALE

EROSION CONTROL MEASURES NO SCALE



- MAINTENANCE**
- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
 - SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
 - REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
 - REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

**PROGRESS PRINT
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REVISION DESCRIPTION	DATE
	05/12/2026

DRAWN BY: KTY
DESIGNED BY: KDH
CHECKED BY: KDH
SCALE: NONE

TIMMONS GROUP
NORTH CAROLINA LICENSE NO. C-1652

SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
POPULAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA

EROSION AND SEDIMENT CONTROL DETAILS

JOB NO. 75315
SHEET NO. C6.1

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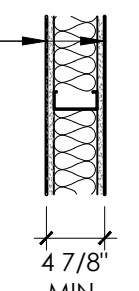
NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING EFFECTIVE: 04/01/19



- GENERAL NOTES:**
- INSPECT AND VERIFY ALL DIMENSIONS ON THE PROJECT AND SITE AS MAY RELATE TO THE EXTENT OF CONSTRUCTION AND/OR DEMOLITION.
 - THE CONTRACTOR/OWNER SHALL OBTAIN ALL REQUIRED PERMITS AND INSPECTIONS AS MAY BE REQUIRED TO PROCEED WITH DEMOLITION AND CONSTRUCTION.
 - ALL WORK PERFORMED SHALL MEET ALL TOWN, COUNTY AND STATE CODES.
 - DO NOT SCALE DRAWINGS.
 - VERIFY ALL DOOR/WINDOW ROUGH OPENINGS WITH DOOR MFG. SPEC.
 - CONTRACTOR TO USE TEMPERED GLASS IN ANY WINDOW OR DOOR THAT IS WITHIN 18" OF THE FINISHED FLOOR.
 - CONTRACTOR TO COORDINATE ELECTRICAL, PLUMBING AND MECHANICAL WORK. ALL SUCH WORK MUST CONFORM TO NORTH CAROLINA CODES.
 - CONTRACTOR TO CONFIRM PLAN DIMENSIONS PRIOR TO CONSTRUCTION WITH EXISTING SITE CONSTRAINTS. CONTRACTOR IS RESPONSIBLE FOR INFORMING THE ARCHITECT OF ANY PROBLEMS PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE THE OWNER WITH ALL MANUALS AND MAINTENANCE INFORMATION BEFORE THE FINAL PAYMENT. THE CONTRACTOR SHALL WARRANT THE WORK FOR THE PERIOD OF ONE YEAR.
 - SEE A4.1 FOR DOOR AND WINDOW SCHEDULES.
 - CONTRACTOR TO FIELD LOCATE 10LB SEMI-RECESSED FIRE EXTINGUISHER CABINETS W/FIRE MARSHALL PRIOR TO DRYWALLING.
 - CONTRACTOR TO PROVIDE ADA APPROVED TACTILE SIGNAGE AT ALL EXITS AND PERMANENT SPACES TO MEET ANSI AND 2018 NCBC REQUIREMENTS. FIELD LOCATE AS REQ'D. W/BUILDING INSPECTOR.

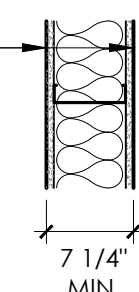
INTERIOR PARTITION- TYPE 1

UNRATED 4" INTERIOR WALL
 5/8" THICK GYPSUM WALLBOARD PANELS, BOTH SIDES
 3 1/2" THICK ACOUSTICAL BATT INSULATION (R-11 MIN.)
 3 5/8" THICK STEEL STUDS (352S162-54) @ 16" O.C.
 JOINTS FINISHED. SEE FINISH SCHEDULE



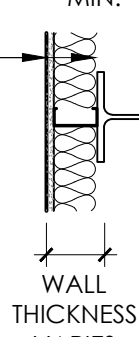
INTERIOR PARTITION- TYPE 2

UNRATED 6" INTERIOR WALL
 5/8" THICK GYPSUM WALLBOARD PANELS, BOTH SIDES
 6" THICK ACOUSTICAL BATT INSULATION (R-11 MIN.)
 6" THICK STEEL STUDS (600S162-54) @ 16" O.C.
 JOINTS FINISHED. SEE FINISH SCHEDULE



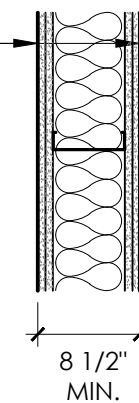
INTERIOR PARTITION- TYPE 3

UNRATED FURRED EXTERIOR WALL
 5/8" THICK GYPSUM WALLBOARD PANEL, ONE SIDE
 3 1/2" TYPICAL STEEL STUDS (352S162-54) @ 16" O.C.
 (MAY BE REDUCED IN DEPTH IF REQ'D., SEE PLAN FOR MORE INFO.)
 3 1/2" THICK ACOUSTICAL BATT INSULATION (R-13 MIN.)
 JOINTS FINISHED. SEE FINISH SCHEDULE



RATED INTERIOR PARTITION- TYPE 4

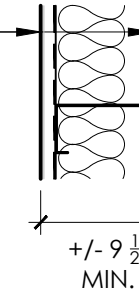
6" THICK UL DES. U419- 2 HOUR RATED
 2 LAYERS OF 5/8" THICK GYPSUM WALLBOARD PANELS, BOTH SIDES
 BRAND: FIRECODE CORE (TYPE X) OR EQUIV.
 6" THICK ACOUSTICAL BATT INSULATION (R-19 MIN.)
 6" THICK STEEL STUDS (600S162-54) @ 16" O.C. (3 1/2" MIN. TH. PER UL RATING)
 EXTEND STUDS AND GWB TO RATED FLOOR AND ROOF DECK ABOVE
 JOINTS FINISHED TO MEET FIRE/SMOKE REQ'S., SEE FINISH SCHEDULE



NOTE:
 ALL WALLS EXCEEDING 10'-0" HIGH SHALL BE FIRESTOPPED WITH A HORIZONTAL BLOCK OF THE SAME SIZE AS THE STUDS

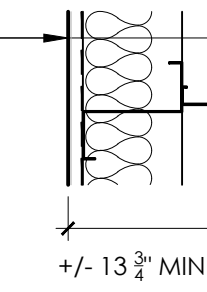
EXTERIOR WALL ASSEMBLY- TYPE 5

UNRATED TYPICAL METAL BUILDING ASSEMBLY
 CORRUGATED METAL BUILDING PANELING BY MFG
 WEATHER RESISTIVE VAPOR BARRIER WITH +/- 8 1/4" THICK METAL Z GIRT
 OR EQUIV. INFILL FRAMING PER METAL BUILDING MFG.,
 R-19 (MIN.) BATT. INSULATION WITH FACING
 5/8" PLYWOOD UP TO 8'-0" A.F.F.



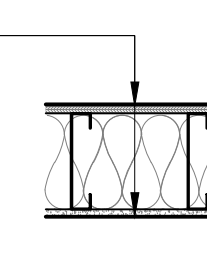
EXTERIOR WALL ASSEMBLY- TYPE 6

UNRATED TYPICAL METAL BUILDING ASSEMBLY
 CORRUGATED METAL BUILDING PANELING BY MFG
 WEATHER RESISTIVE VAPOR BARRIER WITH +/- 8 1/4" THICK METAL Z GIRT
 OR EQUIV. INFILL FRAMING PER METAL BUILDING MFG.,
 R-19 (MIN.) BATT INSULATION WITH FACING
 3 1/2" THICK STEEL STUDS (352S162-54) @ 16" O.C.
 5/8" THICK GYPSUM WALLBOARD PANELS, BOTH SIDES
 SEE FINISH SCHEDULE

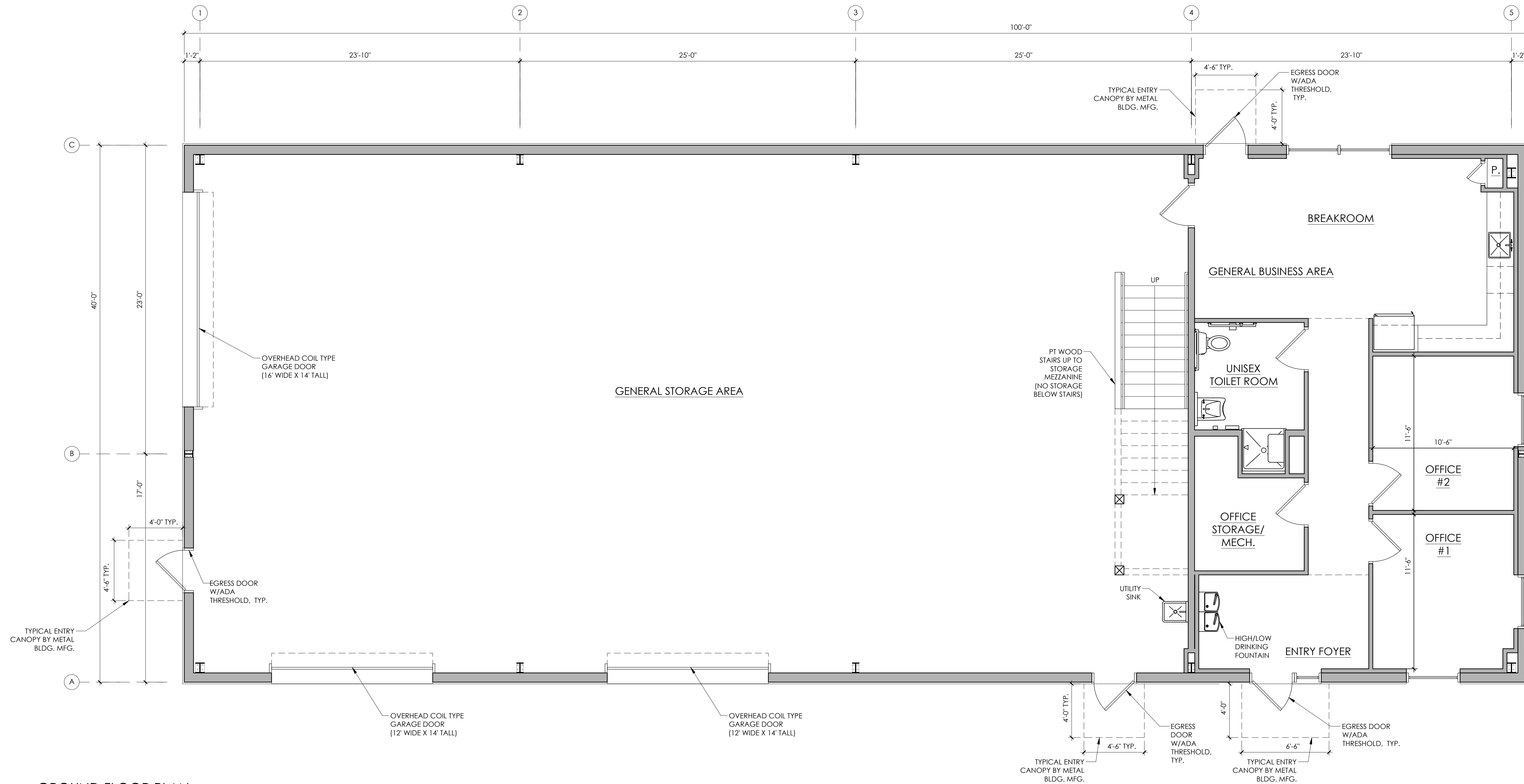


STORAGE FLOOR ASSEMBLY- TYPE 7

UNRATED CEILING ASSEMBLY
 1/2" PWD OR OSB FLOOR SHEATHING (AT EQUIPMENT PLATFORM ONLY)
 8" THICK STEEL CHANNEL (800S162-54) @ 16" O.C.
 PER STRUCTURAL ENGINEERING SPECIFICATIONS
 ACOUSTIC BATT INSULATION AS REQ'D. TO FILL FLOOR CAVITY
 5/8" THICK GYPSUM WALLBOARD PANELS, JOINTS FINISHED
 CEILING PER FINISH SCHEDULE



2 WALL ASSEMBLIES
 NOT TO SCALE



1 GROUND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

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 Designed By: JCP Drawn By: GDM

PME ENGINEER:
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PROJECT NAME:
SOUTHERN OUTER BANKS WATER BUILDING AT PINE ISLAND
 468 OCEAN TRAIL
 COROLLA, NC

REVISIONS:	DATE:
CLIENT REVIEW	1 / 29 / 26
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CLIENT REVIEW	2 / 4 / 26
CLIENT REVIEW	2 / 25 / 26
CLIENT REVIEW	4 / 14 / 26
COUNTY REVIEW	5 / 5 / 26

DRAWING NAME:
BUILDING PLANS

PRELIMINARY DRAWINGS
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DRAWN BY: CN


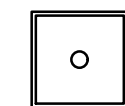


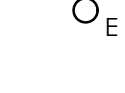

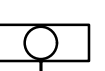



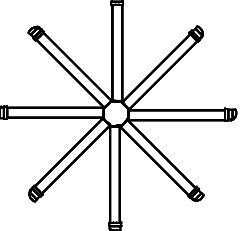

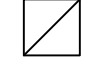
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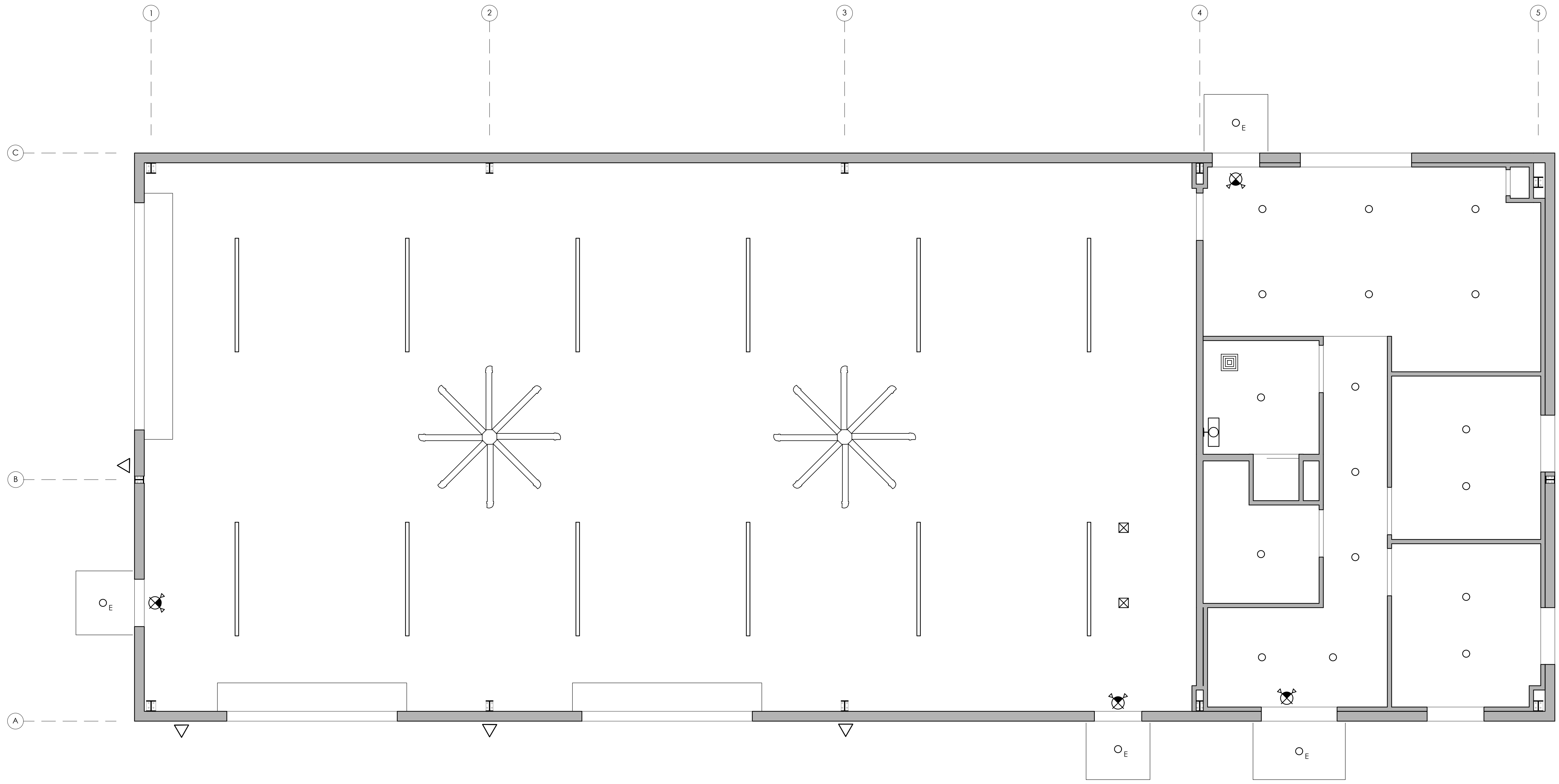
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SHEET:
A1.1

-  SUSPENDED LED STRIP LIGHTING (8'-0" LENGTH)
-  2X2 TROFFER, IC RATED
-  EXTERIOR WALL MOUNTED LIGHT, WET RATED, WIRED FOR EMERGENCY USE AS REQ'D, FULL CUT-OFF, SEE ELEC. FOR HEIGHT.
-  EMERGENCY LIGHT, WET RATED
-  EXTERIOR RECESSED CAN LIGHT IN PREFABRICATED ROOF ENTRY CANOPY, WET RATED, WIRED FOR EMERGENCY USE AS REQUIRED, FULL CUT-OFF
-  EXIT LIGHT W/EMERGENCY BATTERY BACKUP LIGHTING
-  WALL MOUNT VANITY LIGHT, DAMP RATED
-  LED 4" RECESSED CAN LIGHT- INDOOR
-  OCCUPANCY SENSOR
-  EXHAUST FAN
-  10' DIA. LOW SPEED WAREHOUSE FAN, WET RATED
-  HVAC SUPPLY
-  HVAC RETURN

2 REFLECTED CEILING PLAN LEGEND
NOT TO SCALE



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

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Designed By: JCP Drawn By: SSM

PFME ENGINEER:
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PROJECT NAME:
SOUTHERN OUTER BANKS WATER BUILDING AT PINE ISLAND
468 OCEAN TRAIL
COROLLA, NC

REVISIONS:	DATE:
CLIENT REVIEW	1 / 29 / 26
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CLIENT REVIEW	4 / 14 / 26
COUNTY REVIEW	5 / 5 / 26

DRAWING NAME:
BUILDING PLANS

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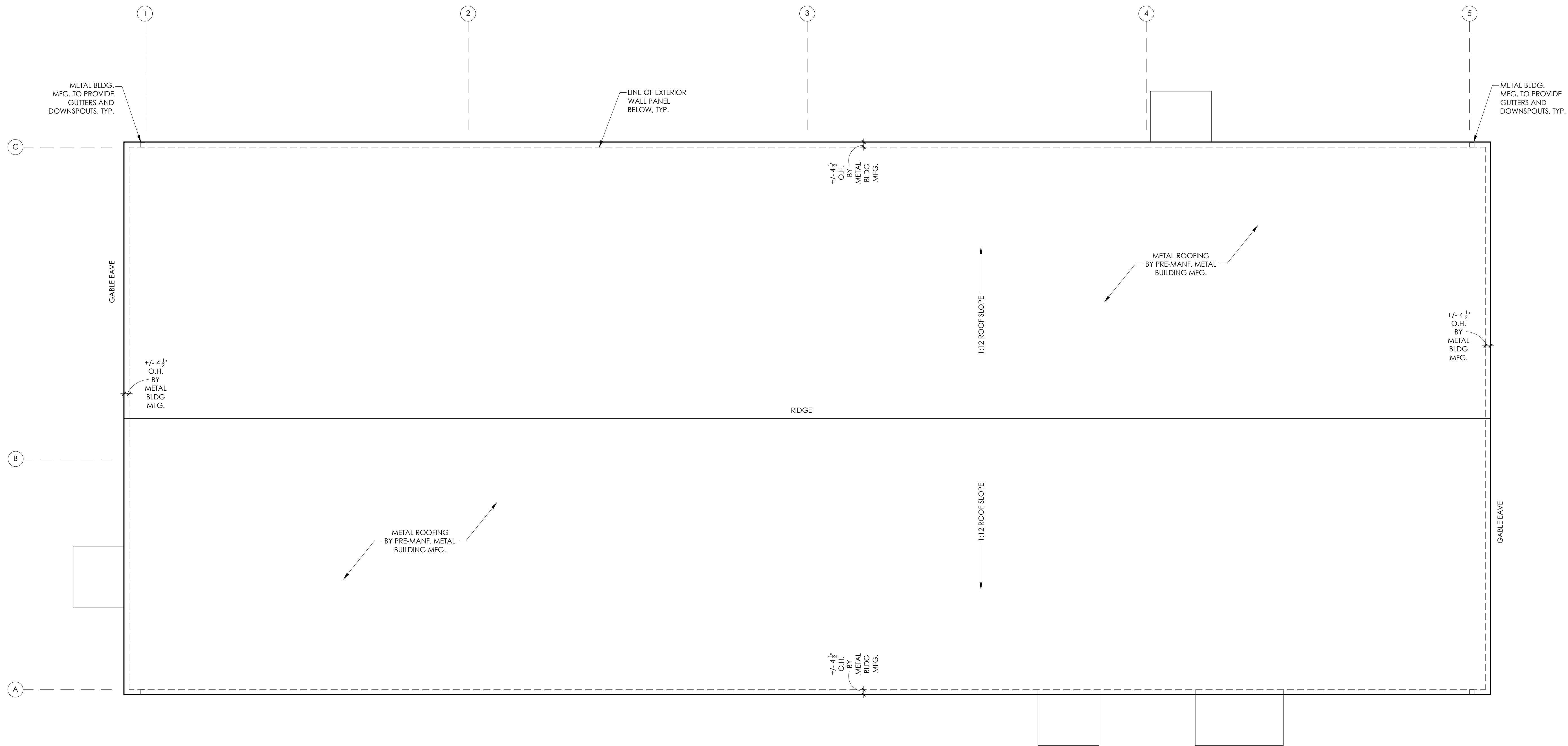
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1 ROOF PLAN
 SCALE: 1/4" = 1'-0"

PROJECT NAME:
**SOUTHERN OUTER
 BANKS WATER
 BUILDING
 AT PINE ISLAND**
 468 OCEAN TRAIL
 COROLLA, NC

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DRAWING NAME:
EXTERIOR ELEVATIONS

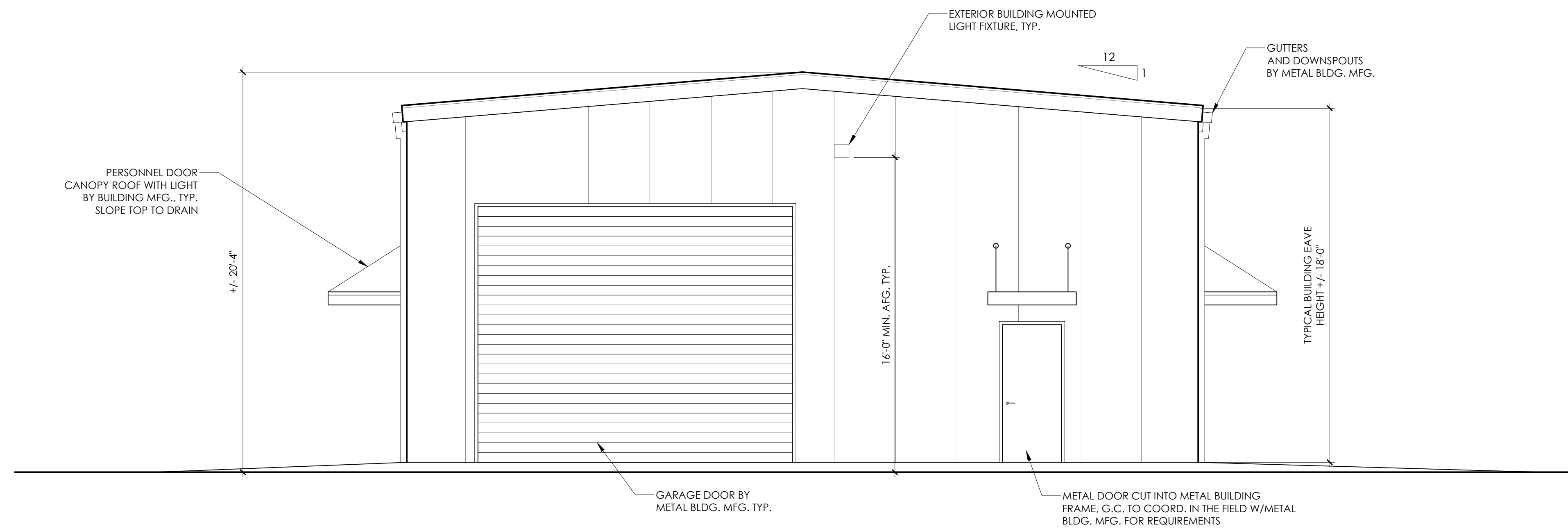
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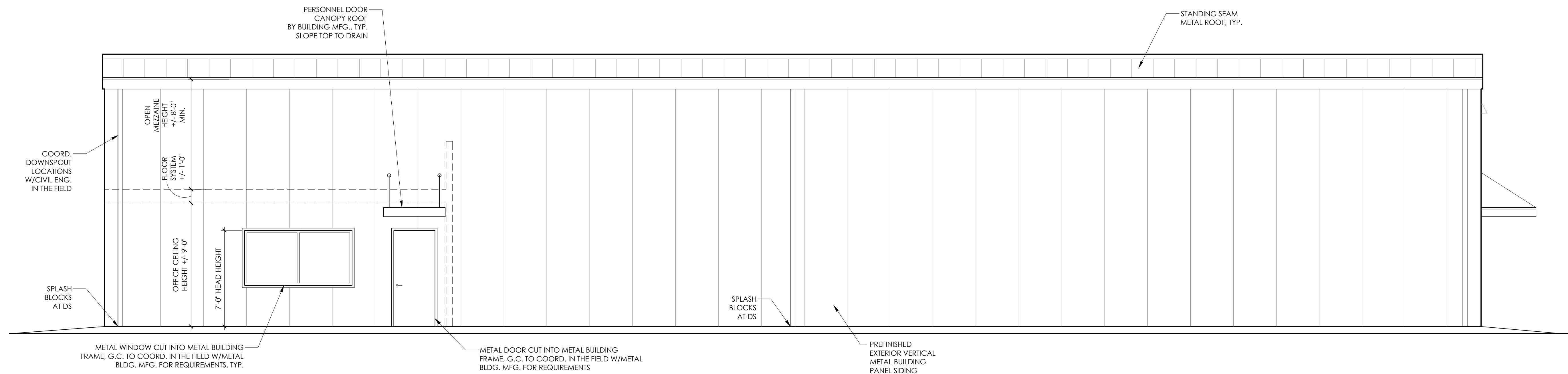
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1 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"

REVISIONS:	DATE:
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CLIENT REVIEW	1 / 30 / 26
CLIENT REVIEW	2 / 4 / 26
CLIENT REVIEW	2 / 25 / 26
CLIENT REVIEW	4 / 14 / 26
COUNTY REVIEW	5 / 5 / 26

DRAWING NAME:
EXTERIOR ELEVATIONS

PRELIMINARY DRAWINGS
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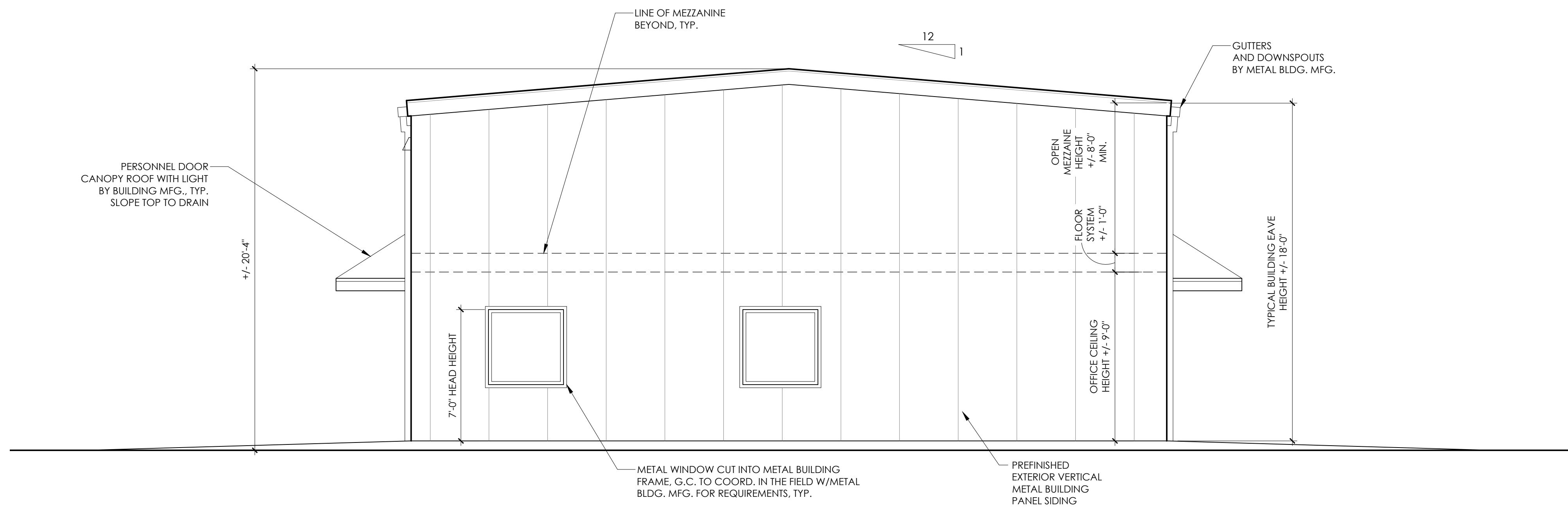
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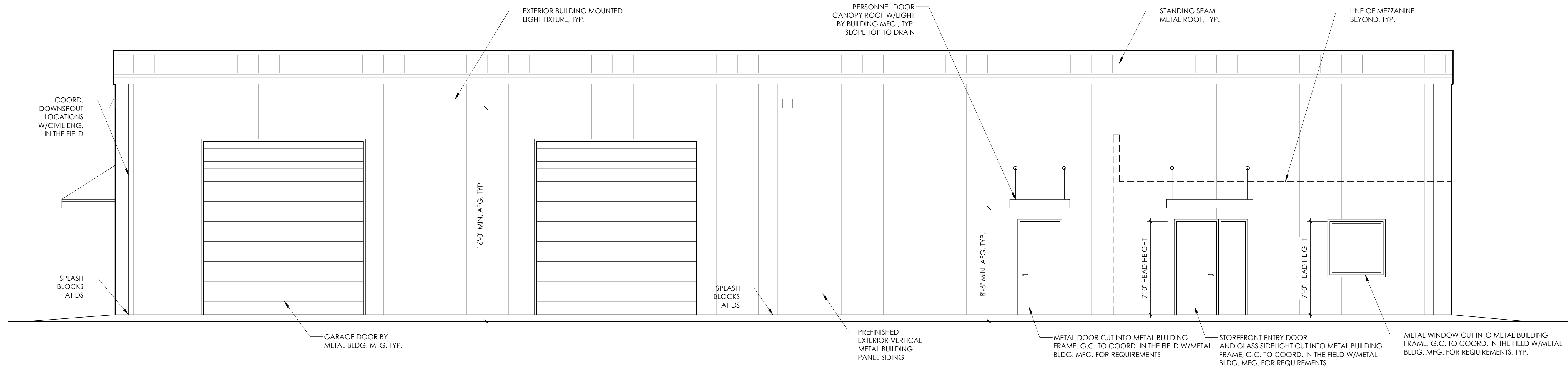
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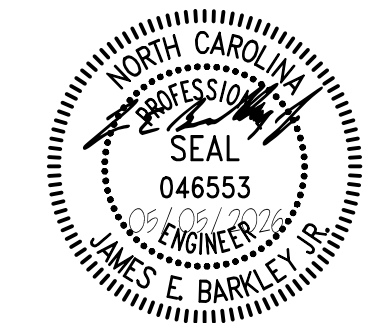
SHEET:
A2.2



1 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION
 SCALE: 1/4" = 1'-0"



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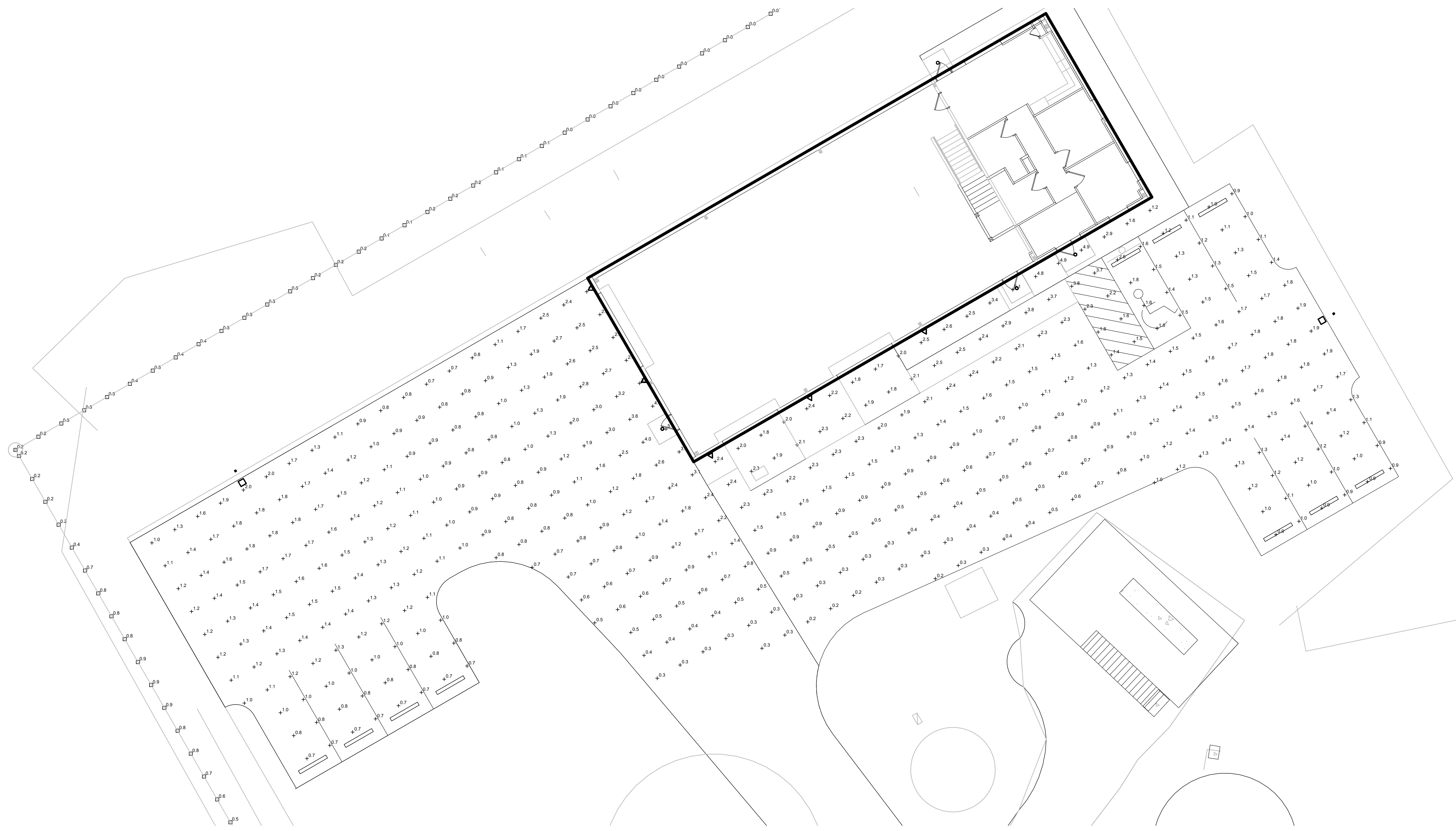
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05/05/2026	

DRAWN BY	RAM
DESIGNED BY	RAM
CHECKED BY	JWS
SCALE	AS NOTED

TIMMONS GROUP
 NORTH CAROLINA LICENSE NO. C-1652
 SOUTHERN OUTER BANKS WATER SYSTEM AT PINE ISLAND
 POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA
 SITE PHOTOMETRICS

JOB NO.	75315
SHEET NO.	E1.0

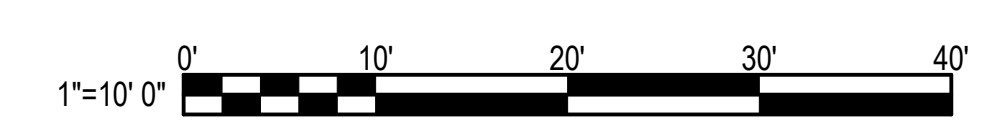
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SITE PHOTOMETRICS
 SCALE: 1" = 10'-0"

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Lot	+	1.4 fc	5.1 fc	0.2 fc	25.5:1	7.0:1
Property Line	□	0.1 fc	0.9 fc	0.0 fc	N/A	N/A

Manufacturer					
Symbol	Manufacturer	Catalog Number	Description	Lumens Per Lamp	Wattage
□	Lithonia Lighting	DSX1 LED P3 27K 80CRI T4M	D-Series Size 1 Area Luminaire P3 Performance Package 2700K CCT 80 CRI Type 4 Medium	11853	102.17
△	Lithonia Lighting	WDGE1 LED P1 30K 80CRI VW	WDGE1 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, 80CRI, VISUAL COMFORT WIDE OPTIC	1163	10.0002
○	Juno Lighting	JSF 7IN 10LM 30K 90CRI 120 FRPC WH	7" Round Edgelit (Slimform) Surface Mount, 3000K, 90CRI, 120V	1081	12.8



Y:\25317\DWG\525317 - E1.0.dwg | Plotted on 5/5/2026 4:18 PM | by Ryan Morrow



Specifications

EPA: 0.69 ft² (0.69 m²)

Length: 32.71" (831 mm)

Width: 14.26" (362 mm)

Height H1: 7.88" (200 mm)

Height H2: 2.73" (69 mm)

Weight: 34 lbs (15 kg)

Design Select options indicated by this color background.

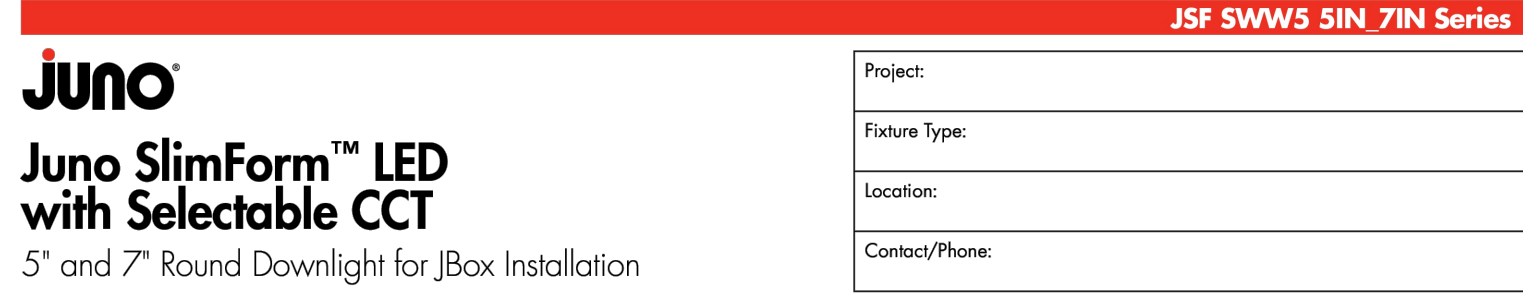
Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details.

Ordering Information EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBX0

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Voltage	Mounting
DSX1 LED	Forward optics (this section 70CRI only)	30K 3000K	70CRI	AFR Automotive front row	MVOLT (120V-277V) ¹	Shipped included
	P1 P6	30K 3000K	70CRI	T1S Type I short	HVOLT (347V-480V) ¹	SPA Square pole mounting (88 drilling)
	P2 P7	40K 4000K	70CRI	T2M Type II medium	XVOLT (277V-480V) ¹	89R Round pole mounting (88 drilling)
	P3 P8	50K 5000K	70CRI	T3M Type III medium		SPS Square pole mounting (88 drilling)
	P4 P9			T3LG Type III low glare ²		89AS Round pole mounting (88 drilling)
	P5	27K 2700K	80CRI	T4M Type IV medium		SPABN Square-narrow pole mounting (88 drilling)
	Related optics	30K 3000K	80CRI	T4LG Type IV low glare ²		WBA Wall bracket ³
	P10 ¹ P12 ¹	40K 4000K	80CRI	TFTM Forward throw medium		MA Mount arm adapter (mounts on 2 3/8" OD horizontal bases)
	P11 ¹ P13 ¹	50K 5000K	80CRI			

Control options	Other options	Finish/Access
Shipped installed	Shipped installed	DDBD Dark Bronze
NLTAIR2 PIRHN Eight AIR gen 2 enabled with 34 level motion ambient sensor, 8-47 mounting height, ambient sensor enabled at 26" (1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0)	SPROXV 20K ¹ large protection	DBXD Black
PIR High flow, motion ambient sensor, 8-47 mounting height, ambient sensor enabled at 26" (1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0)	BL30 30 level adjustable output ^{1,2}	DBXD Natural Aluminum
PER 30W back-back receptacle only (control ordered separately) ^{1,2}	BL50 50 level switched dimming, 30% ^{1,2}	DBWD White
PER5 Five pin receptacle only (control ordered separately) ^{1,2}	BL50 50 level switched dimming, 50% ^{1,2}	DBDXTD Textured dark bronze
	DMG 0-10V dimming wires pulled outside fixture for use with an external control system, separately ^{1,2}	DBLBD Textured black
	DS Dual switching ^{1,2,3}	DBNATD Textured natural aluminum
		DBWGD Textured white
	Shipped separately	
	ESGR External Gaze Shield (reversible, field install required, matches housing finish)	
	ESDB Bird Spikes (field install required)	

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Product Features

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 5" and 7" sizes. Optional finish trims available for custom, designer look similar to standard recessed downlights. Provides general illumination in residential and commercial applications including multi-family and hospitality. Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas and much more.

With the newly added selectable CCT switch, the JSF gives the ultimate in flexibility for both the distributor as well as the end user.

Applications

- Suitable for wet locations (indoor covered ceilings): perfect for closets, showers, bathrooms, outdoor soffits, and covered ceiling applications.
- Residential and Light Commercial applications including multi-family and hospitality
- Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more.
- Installs directly into industry standard junction boxes
- Suitable for use within closet storage spaces when installed per NEC requirements. Junction box sizes vary - Verify compatibility with fixture prior to installation

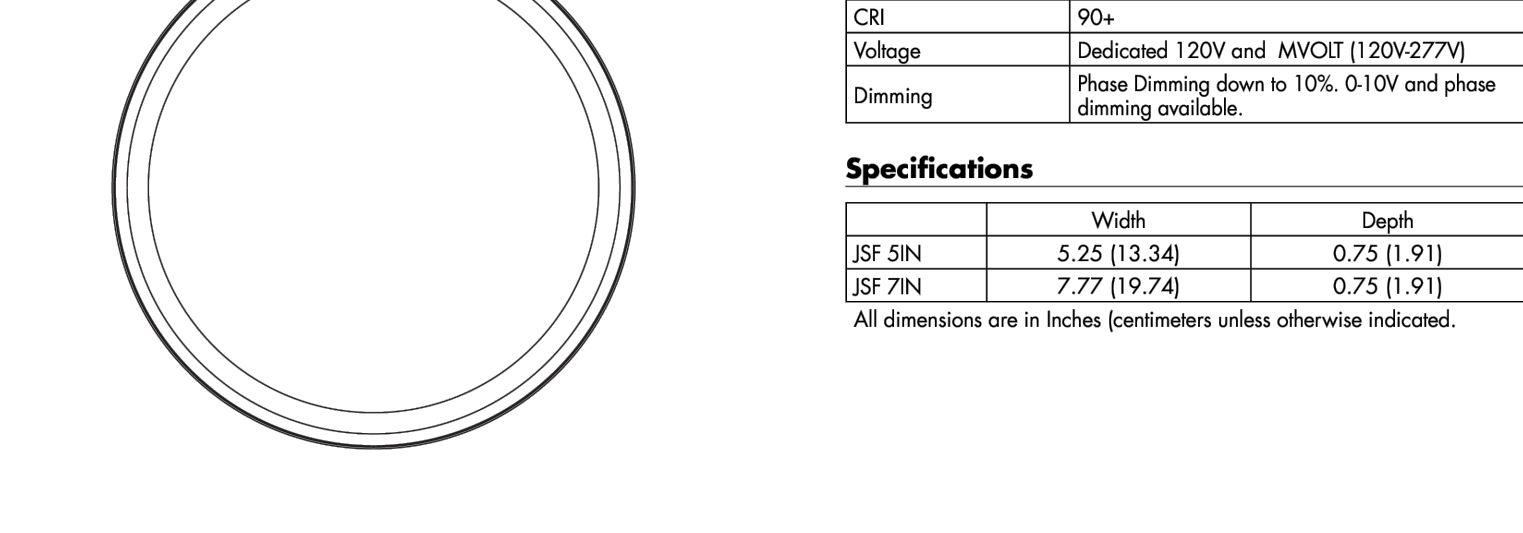
Performance

Delivered Lumens	JSF 5IN - 791L 854L
	JSF 7IN - 1182L 1324L
led Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
CRI	90+
Voltage	Dedicated 120V and MVOLT (120V/277V) 88 drilling
Dimming	Phase Dimming down to 10% 0-10V and phase dimming available.

Specifications

	Width	Depth
JSF 5IN	5.25 (13.34)	0.75 (1.91)
JSF 7IN	7.77 (19.74)	0.75 (1.91)

All dimensions are in inches (centimeters unless otherwise indicated).

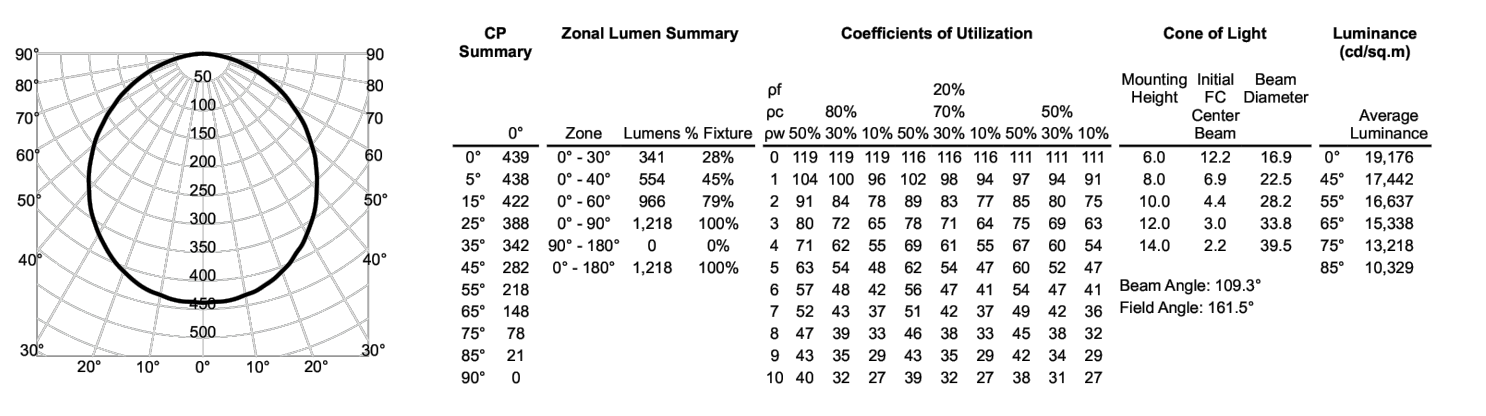


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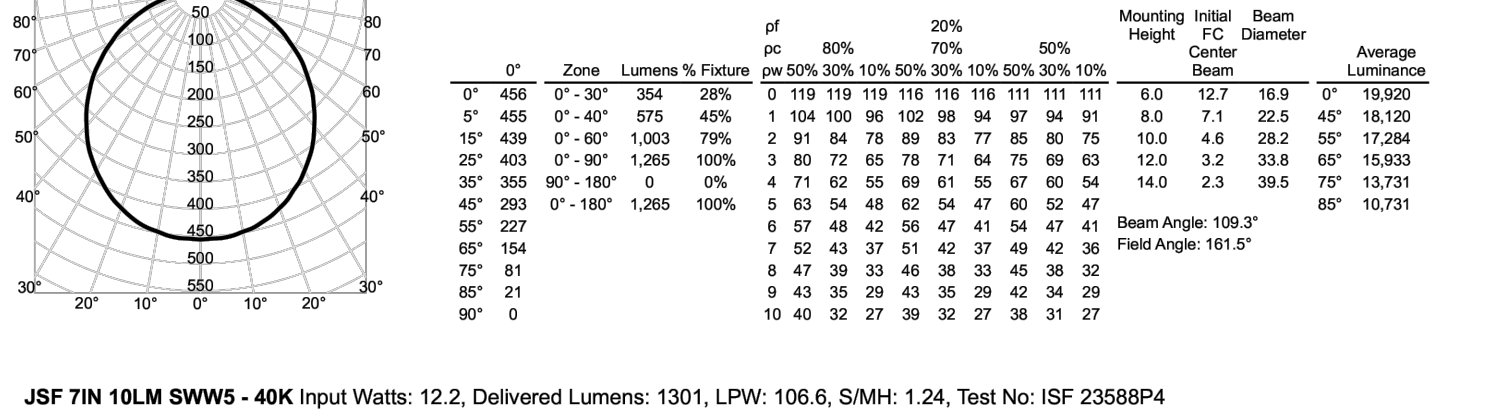


PHOTOMETRICS

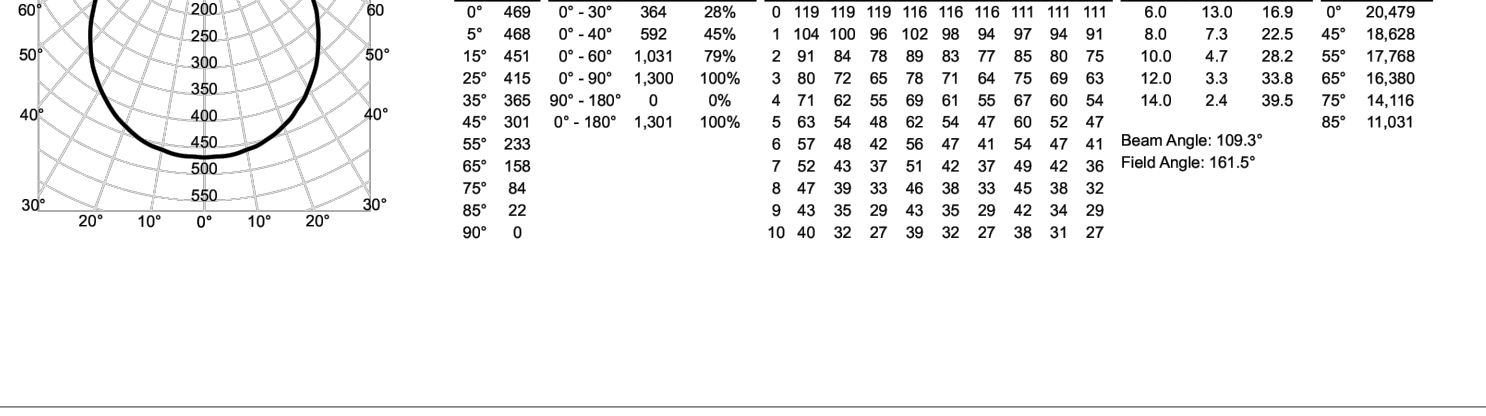
JSF 7IN 10LM SWSWS - 30K Input Watts: 12.3, Delivered Lumens: 1218, LPW: 99.0, S/MH: 1.24, Test No: ISF 23588P2



JSF 7IN 10LM SWSWS - 35K Input Watts: 12.1, Delivered Lumens: 1265, LPW: 104.5, S/MH: 1.24, Test No: ISF 23588P3



JSF 7IN 10LM SWSWS - 40K Input Watts: 12.2, Delivered Lumens: 1301, LPW: 106.6, S/MH: 1.24, Test No: ISF 23588P4



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Specifications

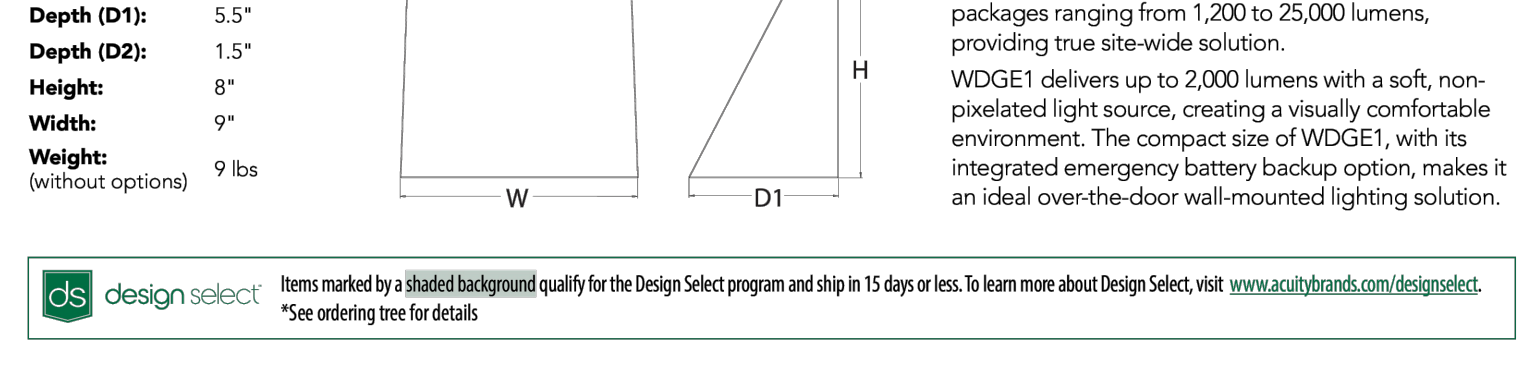
Depth (D1): 5.5"

Depth (D2): 1.5"

Height: 8"

Width: 9"

Weight: 9 lbs (without options)



WDGE LED Family Overview

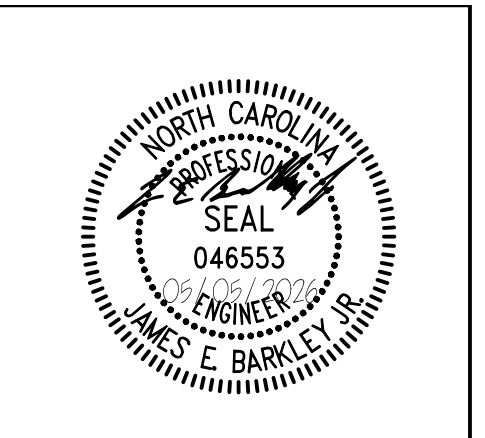
Luminaire	Optics	Standard Effic. @ C	Cold Effic. @ 30 C	Sensor	P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W	4W	-	750	1,200	2,000	-	-	-	-
WDGE2 LED	Visual Comfort	10W	18W	Standalone / r/light	-	1,200	2,000	3,000	4,500	6,000	-
WDGE3 LED	Precision Reflective	10W	18W	Standalone / r/light	700	1,200	2,000	3,200	4,200	-	-
WDGE4 LED	Precision Reflective	15W	18W	Standalone / r/light	6,000	7,500	8,500	10,000	12,000	-	-
WDGE4 LED	Precision Reflective	-	-	Standalone / r/light	-	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBX0

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P0	27K 2700K	80CRI	VF Visual comfort forward throw	MVOLT	Shipped included
	P1	30K 3000K	90CRI	VW Visual comfort wide	347 ¹	SRM Surface mounting bracket
	P2	40K 4000K				ICW Indirect Canopy/Canopy Washer bracket (dry/damp locations only) ¹
		50K 5000K				Shipped separately
						AWS 3/8" Architectural wall spacer ¹
						PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available. ¹

Options	Finish
EBWH Emergency battery backup, Certified in CA (UL 2048EDBS (4V, 0°C, max)) ¹	DDBD Dark Bronze
PE Phosorail, Button Type ¹	DBXD Black
DS Dual switching (comes with 2 drivers and 2 light engines, see page 3 for details) ¹	DBLBD Textured black
DMG 0-10V dimming wires pulled outside fixture for use with an external control, ordered separately ^{1,2}	DBNATD Textured natural aluminum
DSLE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DBWD White
DSLE Dual Switching (1 Driver, 2 Light Engines)	DBSTD Textured sandstone
CE Coastal Construction ³	

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POPLAR BRANCH TNSP - CURRITUCK COUNTY - NORTH CAROLINA
DETAILS

JOB NO. 75315
SHEET NO. E2.0



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