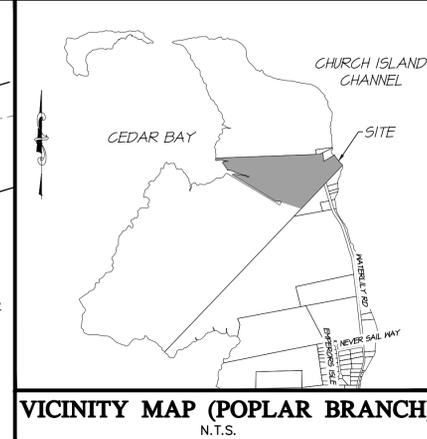
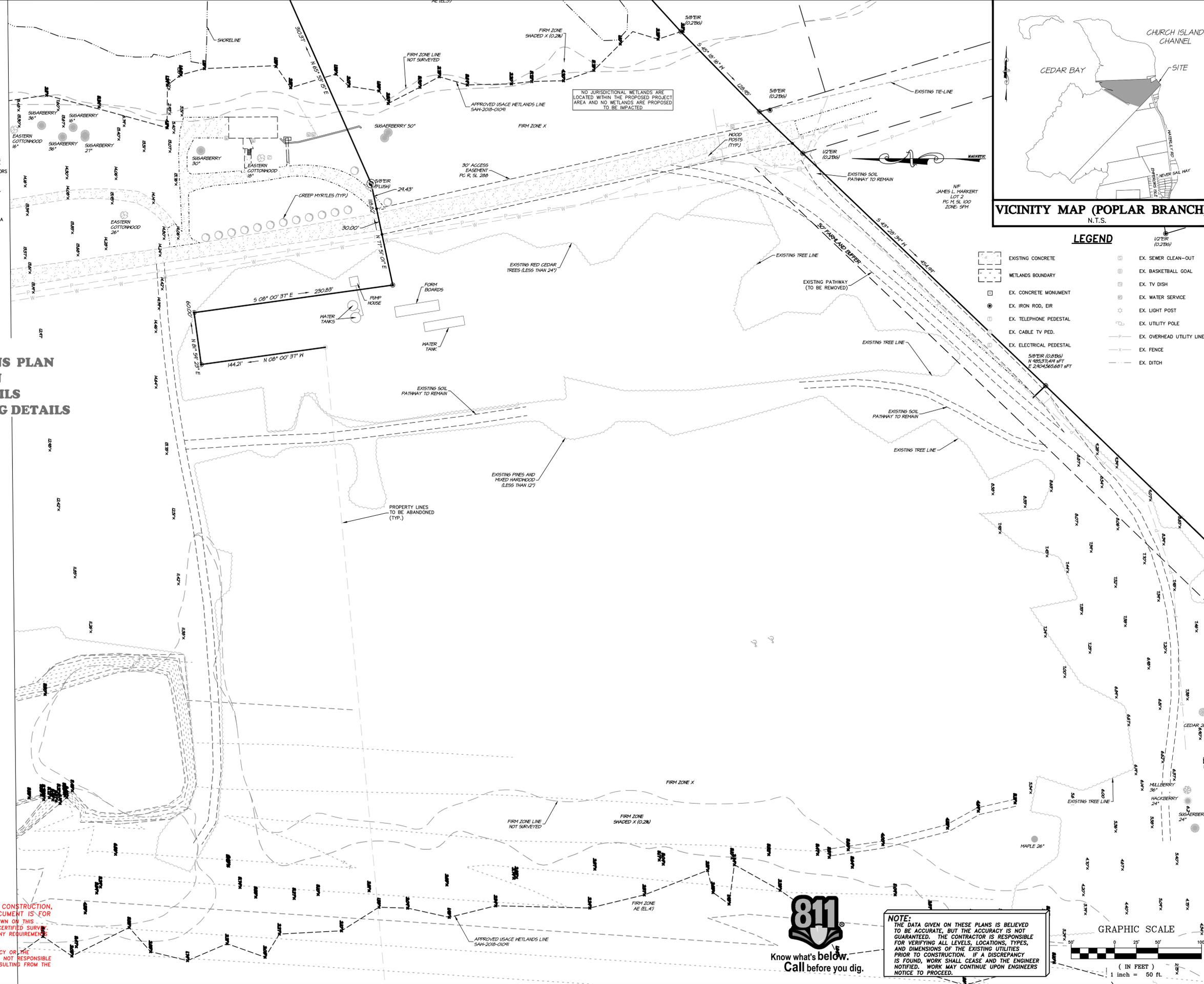


NOTES

- OWNER/APPLICANT: 85' AND SUNNY, LLC
9919 STEPHEN DECATUR HIGHWAY
OCEAN CITY, MD 21842
- ENGINEER: QUILBE & ASSOCIATES, P.C.
P.O. DRAWER 870
KITTY HAWK, NC
TEL: (252) 491-8147
- PROPERTY INFO: 1555 WATERLILLY ROAD
PID: 00790000440000
PIN: 9908-14-7146
- EXISTING PARCEL AREA = 13,457,862 SF / 308.95 AC (AREAS BY COORDINATE METHOD).
PROPOSED RECONFIGURED PARCEL AREA = 13,527,666 SF / 310.55 AC (AREAS BY COORDINATE METHOD).
- SCOPE OF WORK: THIS PLAN PROPOSES THE ADDITION OF AN ATHLETIC FACILITY, ASSOCIATED PARKING, DRIVE, AND RELATED SITE IMPROVEMENTS.
- RECORDED REFERENCE: DB 1449 PG 396, PB R, PG 288;
- ZONE: SINGLE FAMILY MAINLAND (SFM)
- BOUNDARY INFORMATION BASED ON QUILBE & ASSOCIATES FIELD SURVEY DATED 01/22/18 - 02/07/18 AND ALTA SURVEY DATED 6/27/18. EXISTING CAMPUSES SHOWN PER "HAMPTON LODGE FAMILY CAMPGROUND SECTION ONE, PART ONE" SUBDIVISION PLAT AS COMPILED BY JOHN E. SIRNE AND ASSOCIATES SURVEYORS AND ENGINEERS (1972) AND "HAMPTON LODGE CAMPING RESORT" DATED 1/18/17 COMPILED BY WFL SITE DESIGN.
- FLOOD ZONE: "AE", "SHADED X" AND "X" WITHIN THE PROPERTY BOUNDARY (SUBJECT TO CHANGE BY F.E.M.A.) FIRM PANEL 3720990800K, DATED 12/21/15, SHOWN PER COUNTY GIS.
- THIS PLAN SUBJECT TO ANY FACTS, INCLUDING BUILDING SETBACK RESTRICTIONS, EASEMENTS, COVENANTS, ETC., THAT MAY BE REVEALED BY A FULL AND ACCURATE TITLE SEARCH.
- ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH CHAPTER 5.2 OF THE CURRITUCK COUNTY UNIFIED DEVELOPMENT ORDINANCE.
- EXTERIOR LIGHTING PLAN UNDER SEPARATE COVER. ALL EXTERIOR LIGHTING SHALL BE IN ACCORDANCE WITH CHAPTER 5.4 OF THE CURRITUCK COUNTY UNIFIED DEVELOPMENT ORDINANCE.
- REMOVE TREES, GRASSES, SHRUBS AND OTHER VEGETATION, IMPROVEMENTS OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION UNLESS NOTED OTHERWISE.

SHEET INDEX

- EXISTING CONDITIONS PLAN
- PROPOSED SITE PLAN
- SITE & UTILITY DEATILS
- SESC & LANDSCAPING DETAILS



LEGEND

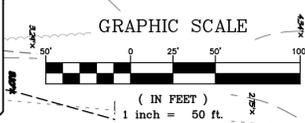
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[Symbol]	WETLANDS BOUNDARY	[Symbol]	EX. BASKETBALL GOAL
[Symbol]	EX. CONCRETE MONUMENT	[Symbol]	EX. TV DISH
[Symbol]	EX. IRON ROD, EIR	[Symbol]	EX. WATER SERVICE
[Symbol]	EX. TELEPHONE PEDESTAL	[Symbol]	EX. LIGHT POST
[Symbol]	EX. CABLE TV PED.	[Symbol]	EX. UTILITY POLE
[Symbol]	EX. ELECTRICAL PEDESTAL	[Symbol]	EX. OVERHEAD UTILITY LINE
[Symbol]	EX. 5/8" EIR (0.286) N 88.57° 41' W FT E 242.43° 55' 58" SFT	[Symbol]	EX. FENCE
[Symbol]		[Symbol]	EX. DITCH

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REVISIONS

NO.	DATE	DESCRIPTION

EXISTING CONDITIONS
ATHLETIC FACILITY
1555 WATERLILLY RD
POPLAR BRANCH TOWNSHIP CURRITUCK COUNTY NORTH CAROLINA

PROJECT NO. P16099
DESIGNED BY ND
DRAWN BY ND
CHECKED BY MWS
ISSUE DATE 12/12/23
SHEET NO. 1 OF 4 SHEETS

NOTES

- OWNER/APPLICANT: 85' AND SUNNY, LLC
9919 STEPHEN DECATUR HIGHWAY
OCEAN CITY, MD 21842
- ENGINEER: QUILBE & ASSOCIATES, P.C.
P.O. DRAWER 870
KITTY HAWK, NC
TEL: (252) 491-8147
- PROPERTY INFO: 1555 WATERLILLY ROAD
P.O. BOX 1004
PIN: 9908-14-7146
- PARCEL AREA = 13,457.862 SF / 308.95 AC (AREAS BY COORDINATE METHOD.)
- SCOPE OF WORK: THIS PLAN PROPOSES THE ADDITION OF AN ATHLETIC FACILITY BUILDING, ASSOCIATED PARKING, DRIVE, AND RELATED SITE IMPROVEMENTS.
- COVERAGE CALCULATIONS

BUILDINGS	2,760	SQ.FT.
POOL & POOL AREA	41,079	SQ.FT.
PICKLEBALL AREA	8,709	SQ.FT.
CONCRETE SIDEWALK	3,404	SQ.FT.
ASPHALT	23,648	SQ.FT.
TOTAL	129,600	SQ.FT. (0.96%)
		(30% ALLOWED)
- REQUIRED PARKING:
NO MORE THAN 200 SWIMMERS @ 1 PARKING SPACE PER THREE SWIMMERS = 67 SPACES
16 PICKLEBALLERS @ 1 SPACE PER PICKLEBALLER = 16 SPACES
NO MORE THAN 10 EMPLOYEES @ PEAK SHIFT @ 1 SPACE PER EMPLOYEE = 10 SPACES

TOTAL PARKING REQUIRED = 93 SPACES
TOTAL PARKING PROVIDED = 103 SPACES (2 ADA SPACES)
- RECORDED REFERENCE: DB 1449 PG 396, PB R, PG 286;
- ZONE: SINGLE FAMILY MAINLAND (SFM)
- BUFFERYARDS:
REAR N/A
SIDE N/A
FRONT N/A
- BOUNDARY INFORMATION BASED ON QUILBE & ASSOCIATES FIELD SURVEY DATED 01/22/18 - 02/07/18 AND ALTA SURVEY DATED 6/27/18. EXISTING COMPSETS SHOWN PER "HAMPTON LODGE FAMILY CAMPGROUND SECTION ONE, PART ONE" SUBDIVISION PLAT AS COMPILED BY JOHN E. SHINE, A SURVEYOR AND ENGINEER (1972) AND "HAMPTON LODGE CAMPING RESORT" DATED 1/18/17 COMPILED BY WPL SITE DESIGN.
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WASTEWATER NOTES

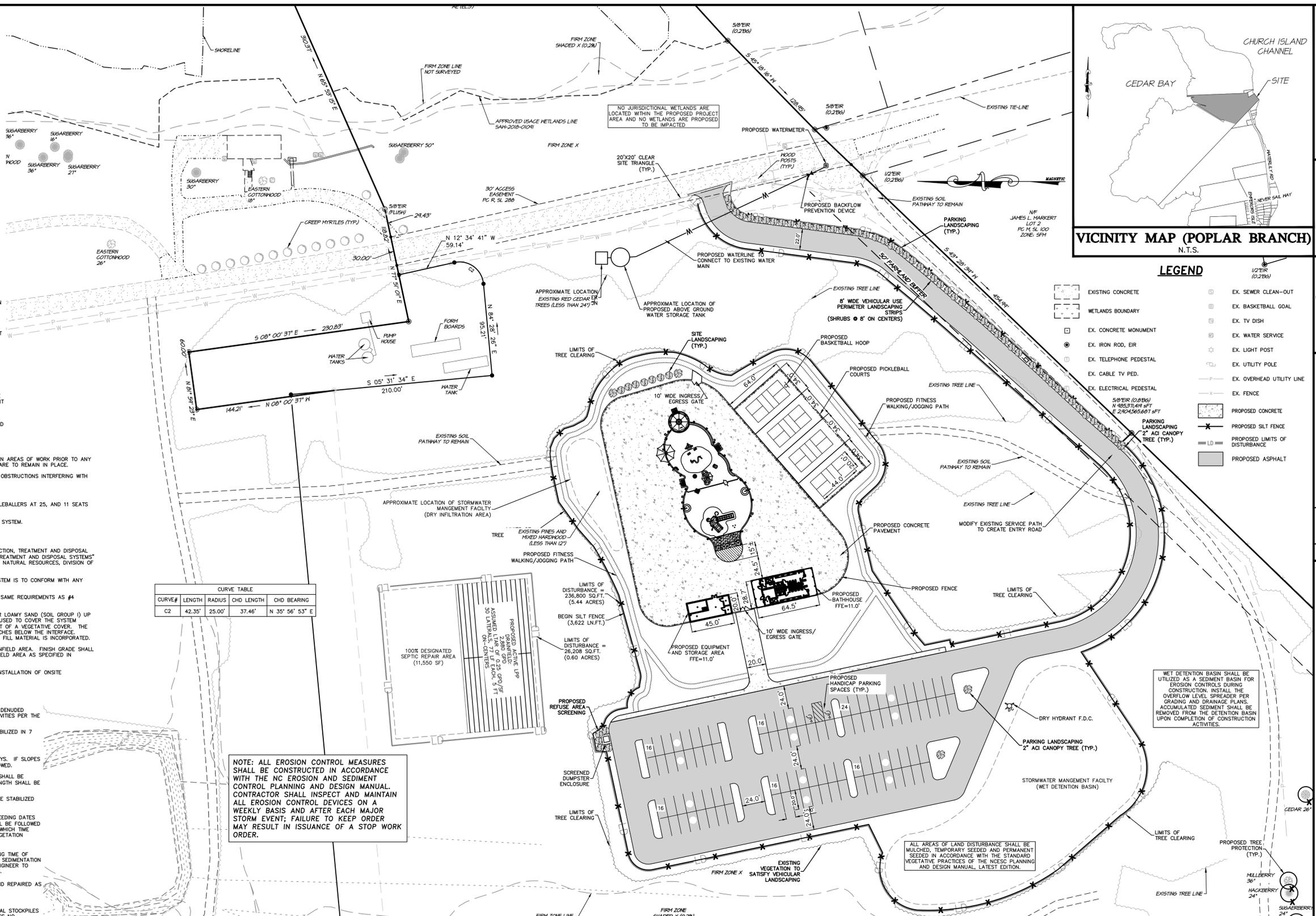
- CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK PRIOR TO ANY WORK. PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION IF UTILITIES ARE TO REMAIN IN PLACE.
- REMOVE TREES, GRASSES, SHRUBS AND OTHER VEGETATION, IMPROVEMENTS OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION UNLESS NOTED OTHERWISE.
- NEW WASTEWATER SYSTEM DESIGN PARAMETERS:
DESIGN FLOW: 200 SWIMMERS AT 10 GPD, 10 EMPLOYEES AT 25 GPD, 16 PICKLEBALLERS AT 25, AND 11 SEATS AT 20 GPD = 2,880 GPD.
ACTIVE: LONG TERM APPLICATION RATE (LTAR): 0.25 GPD/SQ.FT. FOR AN LPP SYSTEM.
(30) 77" LINES @ 5' O.C. (2,310 LN. FT. TOTAL)
REPAIR: 11,550 SQ. FT.
- UNLESS OTHERWISE INDICATED ON THE PLAN, CONSTRUCTION OF SEWAGE COLLECTION, TREATMENT AND DISPOSAL SYSTEM IS TO CONFORM WITH SECTION 1900 "LAWS AND RULES FOR SEWAGE TREATMENT AND DISPOSAL SYSTEMS" OF NORTH CAROLINA ADMINISTRATIVE CODE, DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, DIVISION OF ENVIRONMENTAL HEALTH, ON-SITE WASTEWATER SYSTEM (15 NCAC 18A-1900).
- CONSTRUCTION OF SEWAGE COLLECTION SYSTEM, TREATMENT AND DISPOSAL SYSTEM IS TO CONFORM WITH ANY CONDITIONS IMPOSED BY THE LOCAL HEALTH DEPARTMENT.
- MATERIAL USED FOR COLLECTION AND DISPOSAL SYSTEM SHALL CONFORM WITH SAME REQUIREMENTS AS #4 ABOVE.
- FILL MATERIAL SHALL HAVE SUCH SOIL TEXTURE TO BE CLASSIFIED AS SAND OR LOAMY SAND (SOIL GROUP I) UP TO THE TOP OF THE NITRIFICATION TRENCHES. THE FINAL SIX INCHES OF FILL USED TO COVER THE SYSTEM SHALL HAVE A FINER TEXTURE (SUCH AS GROUP II, III) FOR THE ESTABLISHMENT OF A VEGETATIVE COVER. THE FILL MATERIAL AND THE EXISTING SOIL SHALL BE MIXED TO A DEPTH OF SIX INCHES BELOW THE INTERFACE. HEAVY VEGETATIVE COVER OR ORGANIC LITTER SHALL BE REMOVED BEFORE THE FILL MATERIAL IS INCORPORATED.
- ALL SURFACE RUNOFF SHALL BE DIVERTED AROUND AND AWAY FROM THE DRAINFIELD AREA. FINISH GRADE SHALL BE LANDSCAPED TO PREVENT PONDING OF SURFACE WATER. VEGETATE DRAINFIELD AREA AS SPECIFIED IN LANDSCAPE PLAN (BY OTHERS).
- AN AUTHORIZATION TO CONSTRUCT MUST BE OBTAINED FROM ARHS PRIOR TO INSTALLATION OF ONSITE WASTEWATER SYSTEM.

SOIL EROSION & SEDIMENTATION CONTROL NOTES:

- AREA TO BE DISTURBED: ± 263,008 SF (± 6.04 AC.)
- PROVIDE A GROUND COVER STABILIZATION (TEMPORARY OR PERMANENT) ON ALL DENUDED DOWNSTREAM SURFACES FOLLOWING THE COMPLETION OF LAND DISTURBING ACTIVITIES PER THE CRITERIA LISTED BELOW:
 - PERIMETER DIKES, BERMS, SWALES, DITCHES AND SLOPES SHALL BE STABILIZED IN 7 DAYS.
 - HIGH QUALITY WATER (HOW) ZONES SHALL BE STABILIZED IN 7 DAYS.
 - DOWNSTREAM SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IN 7 DAYS. IF SLOPES ARE 10' OR LESS AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
 - DOWNSTREAM SLOPES 3:1 OR FLATTER AND LESS THAN 50' IN LENGTH SHALL BE STABILIZED IN 14 DAYS. SLOPES 3:1 OR FLATTER EXCEEDING 50' IN LENGTH SHALL BE STABILIZED IN 7 DAYS.
 - ALL OTHER DOWNSTREAM AREAS WITH SLOPES 4:1 OR FLATTER SHALL BE STABILIZED WITHIN 14 DAYS.
- IF LAND DISTURBING ACTIVITIES OCCUR OUTSIDE THE PERMANENT VEGETATION SEEDING DATES (APR. 1 - SEP. 30) THEN TEMPORARY VEGETATION SEEDING SPECIFICATIONS SHALL BE FOLLOWED FOR PLANTING UNTIL THE NEXT APPROPRIATE PERMANENT SEEDING PERIOD, AT WHICH TIME PERMANENT VEGETATION SHALL BE ESTABLISHED ACCORDING TO PERMANENT VEGETATION SEEDING SPECIFICATIONS (SEE PERM. & TEMP. SEEDING SPECIFICATIONS).
- IF EXCESSIVE WIND EROSION OR STORMWATER RUNOFF EROSION DEVELOPS DURING TIME OF CONSTRUCTION ANY LOCATION ON THE PROJECT SITE, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY AS DIRECTED BY THE ENGINEER TO ADDRESS THE PROBLEM AREA AND PREVENT DAMAGE TO ADJACENT PROPERTIES.
- SOIL EROSION AND SEDIMENTATION CONTROLS TO BE INSPECTED, MAINTAINED AND REPAIRED AS NECESSARY UNTIL PERMANENT CONTROLS ARE ESTABLISHED.
 - A RAIN GAUGE MUST BE KEPT ON SITE.
 - DEDICATED DEMOLITION AND OTHER WASTE AREAS AND EARTHEN MATERIAL STOCKPILES MUST BE LOCATED AT LEAST 50 FEET FROM DRAINS OR STREAMS UNLESS NO ALTERNATIVE IS FEASIBLE.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN A HALF INCH (DURING A 24 HOUR PERIOD). IMMEDIATE CORRECTIVE ACTION MUST BE TAKEN FOR ANY DEVICE FAILURE.
 - INSPECT ALL OUTLETS WHERE RUNOFF LEAVES SITE AND EVALUATE EFFECT ON NEARBY STREAMS. TAKE CORRECTIVE ACTION IF NECESSARY.
 - MAINTAIN RECORDS OF INSPECTIONS AND CORRECTIVE ACTIONS.
 - EARTHWORK NOTE: OFFSITE BORROW MATERIAL SHALL COME FROM AN NCECD LAND QUALITY SECTION APPROVED SITE. OFFSITE DISPOSAL OF EXCESS MATERIAL SHALL BE TO AN NCECD LAND QUALITY SECTION APPROVED SITE.

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CURVE TABLE

CURVE#	LENGTH	RADIUS	CHD LENGTH	CHD BEARING
C2	42.35'	25.00'	37.46'	N 35° 56' 53" E

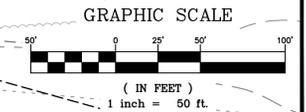
NOTE: ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL. CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER EACH MAJOR STORM EVENT; FAILURE TO KEEP ORDER MAY RESULT IN ISSUANCE OF A STOP WORK ORDER.

CONSTRUCTION SEQUENCE

- PRECONSTRUCTION:**
- OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
 - FLAG AND/OR ROUGH STAKE WORK LIMITS.
 - HOLD PRECONSTRUCTION CONFERENCE (OWNER, CONTRACTOR, ENGINEER, AND APPROPRIATE GOVERNMENT OFFICIALS) AT LEAST ONE WEEK PRIOR TO START OF CONSTRUCTION ACTIVITIES.
- CONSTRUCTION:**
- INSTALL CONSTRUCTION ENTRANCE & SILT FENCING AT LOCATIONS SHOWN ON PLAN.
 - CONSTRUCT TEMPORARY SEDIMENT BASIN. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY DEMOLITION.
 - COMPLETE CLEARING AND GRADING PROCEDURES.
 - GRADE SITE ACCORDING TO PLAN AND BEGIN CONSTRUCTION OF PROPOSED IMPROVEMENTS.
 - INSTALL CONTRIBUTING STORM CONVEYANCES INCLUDING RIP-RAP APRONS, MATING AND ASSOCIATED EROSION CONTROLS.
 - COMPLETE FINAL GRADING OF THE GROUNDS, TOPSOIL, PERMANENTLY SEED, LANDSCAPE, AND MULCH.
 - ALL EROSION & SEDIMENTATION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER HEAVY RAINFALL EVENT. NEEDED REPAIRS AND MAINTENANCE WILL BE MADE IMMEDIATELY. FURTHERMORE, IF ANY WIND OR STORMWATER RUNOFF EROSION DEVELOPS DURING THE CONSTRUCTION OF THE PROJECT, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED TO ADDRESS THE PROBLEM AREA.
 - ONCE THE SITE CONSTRUCTION IS COMPLETE AND DENUDED SURFACES ARE FULLY STABILIZED; ALL STORMWATER CONVEYANCES, STRUCTURES, PIPING AND BASINS SHALL BE CLEANED OF ALL SILT/DEBRIS WHICH MAY HAVE ACCUMULATED DURING CONSTRUCTION. CONTRACTOR SHALL VERIFY DESIGN GRADES OF ALL STORMWATER CONVEYANCES INCLUDING THE BASIN AND RESTORE TO DESIGN SPECIFICATIONS AS NECESSARY.
 - UPON THE REMOVAL OF ACCUMULATED SEDIMENTS AND SITE STABILIZATION, ALL REMAINING EROSION CONTROLS MAY BE REMOVED FROM THE DEVELOPMENT. ALL DOWNSTREAM EROSION CONTROLS SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF ALL OTHER DEVELOPMENT CONSTRUCTION ACTIVITIES.



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LEGEND

[Symbol]	EXISTING CONCRETE	[Symbol]	EX. SEWER CLEAN-OUT
[Symbol]	WETLANDS BOUNDARY	[Symbol]	EX. BASKETBALL GOAL
[Symbol]	EX. CONCRETE MONUMENT	[Symbol]	EX. TV DISH
[Symbol]	EX. IRON ROD, EIR	[Symbol]	EX. WATER SERVICE
[Symbol]	EX. TELEPHONE PEDESTAL	[Symbol]	EX. LIGHT POST
[Symbol]	EX. CABLE TV PED.	[Symbol]	EX. UTILITY POLE
[Symbol]	EX. ELECTRICAL PEDESTAL	[Symbol]	EX. OVERHEAD UTILITY LINE
[Symbol]	PROPOSED CONCRETE	[Symbol]	EX. FENCE
[Symbol]	PROPOSED SILT FENCE	[Symbol]	PROPOSED CONCRETE
[Symbol]	PROPOSED LIMITS OF DISTURBANCE	[Symbol]	PROPOSED ASPHALT

Quilbe & Associates, P.C.
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BLACK MOUNTAIN, NC 28711
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VICINITY MAP (POPLAR BRANCH)
N.T.S.

PROPOSED SITE PLAN
ATHLETIC FACILITY
1555 WATERLILLY RD
POPLAR BRANCH TOWNSHIP
CURRITUCK COUNTY
NORTH CAROLINA

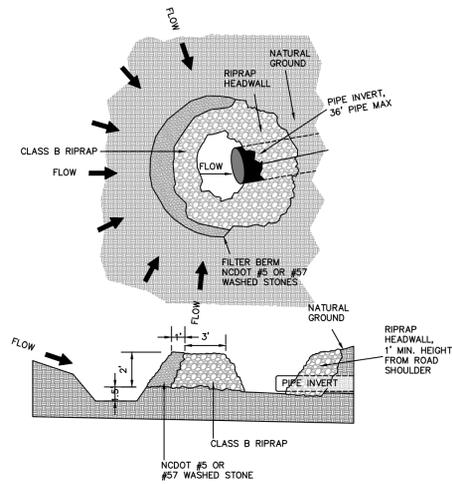
PROJECT NO. P16099
DESIGNED BY ND
DRAWN BY ND
CHECKED BY MWS
ISSUE DATE 12/12/23
SHEET NO. 2 OF 4 SHEETS

12/12/2023 10:48 AM

TREE PLANTING SUMMARY

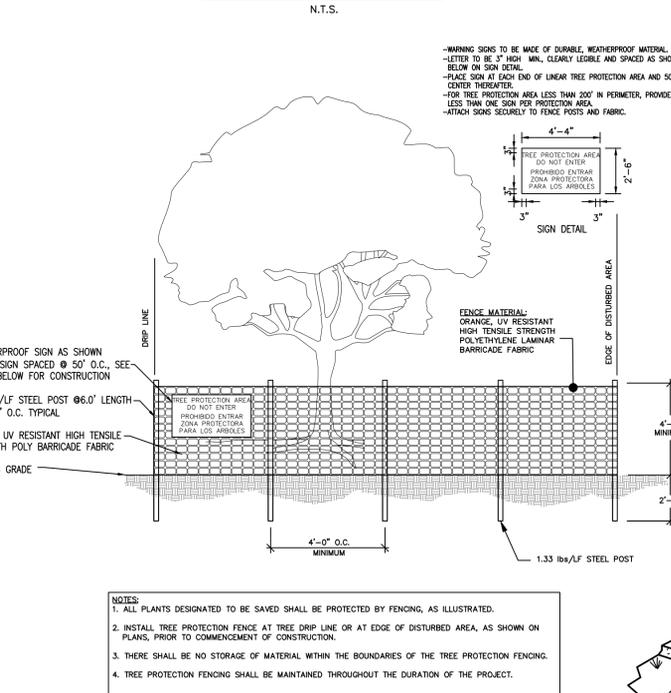
SYMBOL	QUANTITY	COMMON NAME	HEIGHT	SPREAD	MIN. SIZE @ PLANTING
66***	5	DWARF AZALEA*	3' - 6' HT.	3'-6"	3 GALLON
		DWARF HORNEO HOLLY*	3' - 4' HT.	3'-4"	3 GALLON
		DWARF YAUPON HOLLY*	3' - 5' HT.	3'-6"	3 GALLON
		SOUTHERN WAX MYRTLE*	10' - 15' HT.	8'-10"	3 GALLON
5	5	LIVE OAK**	30' - 50' HT.	50'-80"	2" CAL. 8' HT.
		BALD CYPRESS**	50' - 100' HT.	20' - 30'	2" CAL. 8' HT.

- * COORDINATE INSTALLATION WITH OWNER. ORNAMENTAL SHRUB/GRASS SPECIES MAY BE SUBSTITUTED WITH THE SPECIES IDENTIFIED IN TABLE 3.4.6. OF THE CURRITUCK ADMINISTRATIVE MANUAL WITH COUNTY APPROVAL.
- ** CANDY TREE SPECIES MAY BE SUBSTITUTED WITH THE SPECIES IDENTIFIED IN TABLE 3.4.6. OF THE CURRITUCK ADMINISTRATIVE MANUAL WITH COUNTY APPROVAL.
- *** AT LEAST HALF OF THE SHRUBS SHALL BE EVERGREEN.



CULVERT INLET PROTECTION
N.T.S.

TREE PLANTING DETAIL



TREE PROTECTION DETAIL
N.T.S.

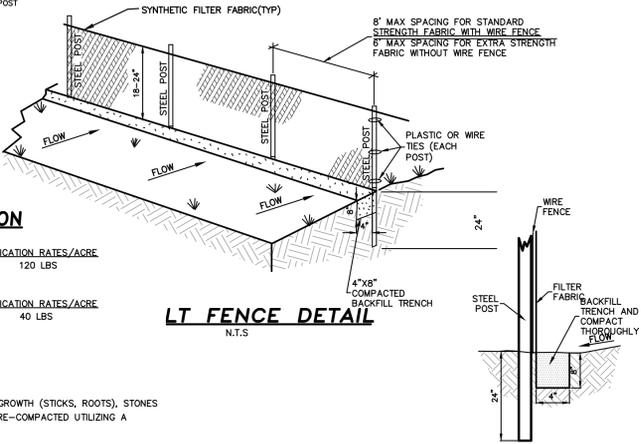
PERMANENT VEGETATION

SEEDING DATES:	SEED MIXTURE	APPLICATION RATES/ACRE
APRIL 1 - AUGUST 31:	REBEL II FESCUE	130 LBS.
	COMMON BERMUDA "SAHARA" (HULLED)	215 LBS.
SEPT. 1 - MARCH 31:	REBEL II FESCUE	250 LBS.
	COMMON BERMUDA "SAHARA" (UNHULLED)	215 LBS.

TEMPORARY VEGETATION

SEEDING DATES:	SEED MIXTURE	APPLICATION RATES/ACRE
AUG. 16 - APRIL 15:	RYE GRAIN	120 LBS.
APRIL 16 - AUG. 15:	GERMAN MILLET	40 LBS.

LT FENCE DETAIL
N.T.S.



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	Stabilize within this many calendar days after ceasing land disturbance	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
(d) Slopes 3:1 to 4:1	14	-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 -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

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 Roller 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 Roller 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 DWL 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 DWL 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

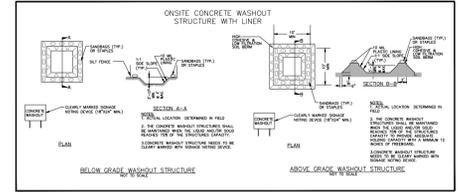
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, 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.



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 10 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. 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, stormwater 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 areas 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.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

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, the 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) Silt fence 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-measuring 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 needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater outfalls (SOOs)	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 re-occurrence.
(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 or Part I, Section C, from the E&S permit of this permit.
(6) Ground stabilization measures	After each phase of grading	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

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 documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&S Measure has been installed and does not significantly deviate from the locations, 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

In addition to the E&S Plan documents above, the following items shall be kept on the site and available for agency 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 30 days. 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.
- All data used to complete the Notice of Intent and older 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. 143-215.85.
- 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 Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

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. If the stream is named on the NC 303(c) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring. Inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 3(b)-(c) 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. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment (40 CFR 122.41(f)(7))	<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 non-compliance, and its causes, the period of non-compliance, including exact dates and times, and if the non-compliance has not been corrected, the anticipated time non-compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the non-compliance. (40 CFR 122.41(f)(6)). Division staff may waive the requirement for a written report on a case-by-case basis.

NC License # C-028
SINCE 1959
Quible & Associates, P.C.
CONSTRUCTION SURVEYING
ENVIRONMENTAL SCIENCES SURVEYING
***HARTING NOT OFFERED AT BLACK VIL. OFFICE**
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90 CHURCH STREET
BLACK MOUNTAIN, NC 28711
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Fax: (828) 689-6428
www.quibleandassociates.com

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NO.	DATE	REVISIONS

SESC & LANDSCAPING DETAILS
ATHLETIC FACILITY
1555 WATERLILLY RD
POPULAR BRANCH TOWNSHIP
CURRITUCK COUNTY
NORTH CAROLINA

PROJECT NO.	P16099
DESIGNED BY	ND
DRAWN BY	ND
CHECKED BY	MWS
ISSUE DATE	12/12/23

SHEET NO.
4
OF 4 SHEETS

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

NEW SWIMMING POOL ATHLETIC FACILITY - CURRITUCK SOUND COINJOCK, NORTH CAROLINA

GENERAL NOTES (ATHLETIC FACILITY OBX)

SYNOPSIS OF WORK

Provide construction of one new outdoor leisure pool, and one vault and one holding tank for water slides (*slide structures and flumes to be furnished and installed by others*), with supporting filtration systems and chemical treatment systems.

GENERAL NOTES DEFINITIONS:

PROVIDE: To furnish and install work, including incidental items.
FURNISH: To deliver item/ material to the project, item/ material to be installed by others.
INSTALL: To incorporate into the work an item or material furnished by others.

SCOPE OF WORK BY POOL CONTRACTOR (PADDOCK):

1. Provide construction of one outdoor leisure pool with beach entry and one raised social pool area. Pool shape to be free-form. Total water surface at about 6,870 SF and water depth from 0' to 3'-8" at main drains.
2. Provide machine excavation and hand trim required for the pool excavation, with spoils stockpiled within 50' or loaded onto trucks provided by others.
3. Provide shotcrete pool shell (4,000 PSI) and grade 60 reinforcement at pool and vault, as shown on Paddock drawings.
4. Provide all recirculation piping, drains, and embedded items as indicated on Paddock drawings. All piping to be schedule 40 PVC.
5. Provide "Beach-Kote" slip-resistant finish at beach entry to 9" deep of water at pool, white plaster finish to other areas. A small area under APU (aquatic play unit) will be "DiamondBrite" finish.
6. Waterline tile to be 6" band of 2"x2" frost-proof ceramic tile with white grout and depth markers. Deck markers to be 6"x6" slip-resistant ceramic tile and international "No-Diving" tile sign, and to be furnished loose for installation on deck by others.
7. Provide all deck equipment as indicated on Paddock drawings, including ladders, hand rails, guard chairs, and handicap lifts as indicated on Paddock drawings. (*Note: Furnish loose all anchors and deck embeds for installation on deck by others.*)
8. Provide beach wash, pipe falls and floor bubblers as indicated on Paddock drawing. (*NOTE - the new APU (aquatic play unit) in leisure pool will be furnished and installed by others.*)
9. Provide all filtration systems, mechanical equipment as indicated on Paddock drawings.
10. Provide start-up and necessary initial adjustments of filtration systems after plaster operations and the new pool is filled.
11. Provide laminated operations charts related to laminated valve tags, as well as complete owner/operator orientation.

RELATED WORK BY OTHERS

Earthwork

1. Pool site received by Paddock at 10" below finish deck elevation with stakeout and benchmark elevations provided by others. Any fill material to be minimum 95% compaction. The GC/owner shall provide access to the site for power excavating equipment and trucks. Paddock will fine grade site cut and stockpile spoils with 50', or loaded onto trucks provided by others. It is assumed that the ground for the new water park expansion in the site area may be excavated by power excavating equipment and should hardpan, rock, or other materials be encountered in the excavations requiring use of either a compressor or blasting material, or should the soils require extended dig time beyond normal such as with "decomposed rock", the additional cost shall be paid by the owner. The cost of removing underground obstructions such as pipe lines or masonry, removing, refilling and compacting of filled ground, diversion of or sealing off of water seepage and the cost of changes and additions to the water park structure or other installations necessitated by such conditions will constitute an additional cost to the owner.
2. Site clearing and grading by site contractor with spoils loaded onto trucks provided by site contractor and hauled off site. Pool excavation by Paddock with spoils loaded onto trucks provided by others and hauled off site.
3. Backfill and compact fill around holding tank structure and excavations as required.

Electrical work

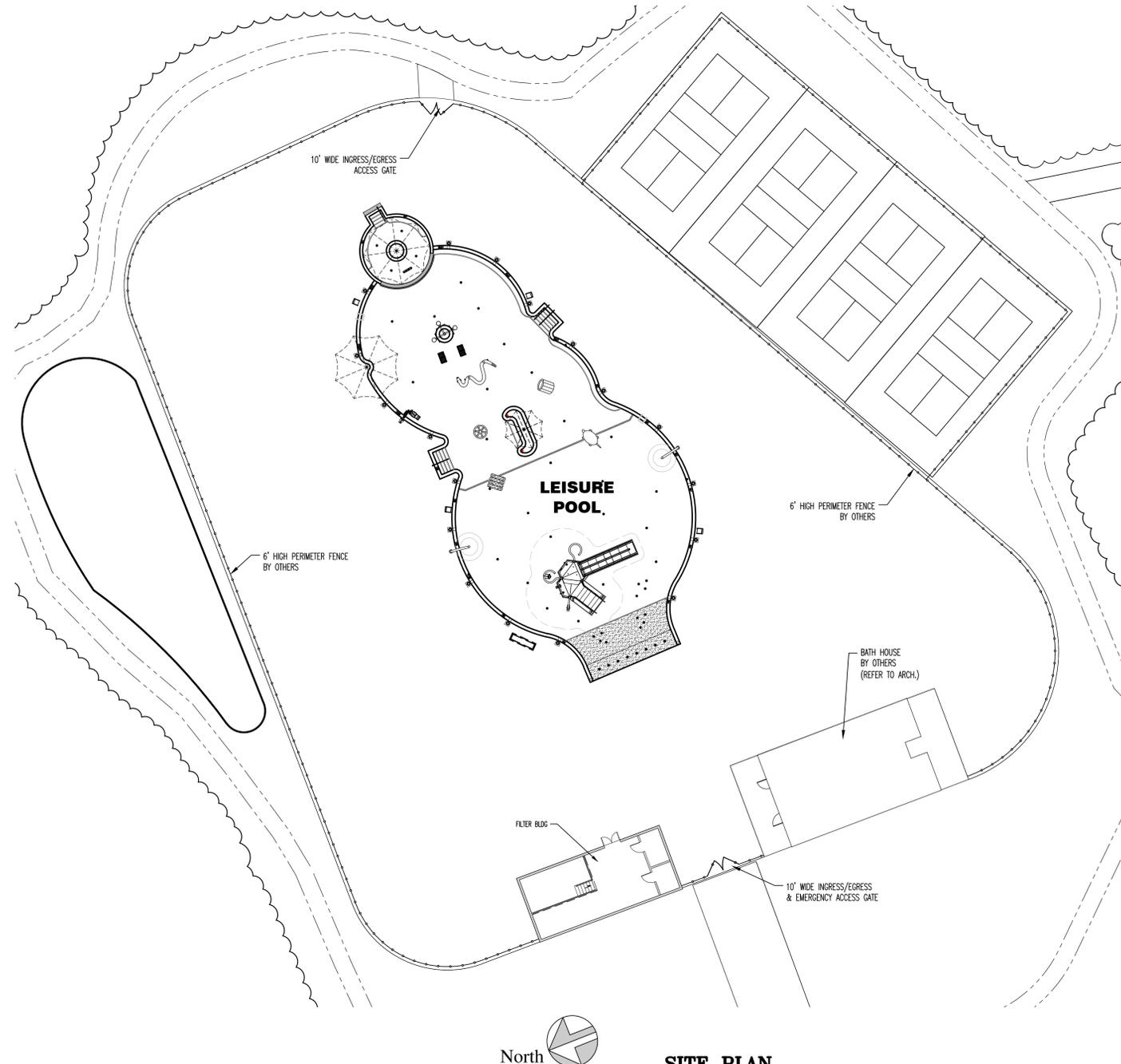
1. All electrical bonding & grounding, motor starters for pumps, wiring, connections & disconnects, including E-Stop switch for all pool pumps.
2. If permanent electric power is either inadequate or not available at the time the pool is completed, temporary power or generators that may be required, are to be provided by others.

Plumbing / mechanical work

1. New deck drainage and drainage piping, floor drains in filter room, and the connections to sewer / sanitary lines.
2. All fresh water and waste water work, including fresh water piping, backflow preventer, drinking fountains, and hose bibs (around deck and in filter room).
3. Deck drain piping to storm sewer.

Miscellaneous

1. APU in pool to be furnished and installed by others.
2. New concrete deck (including deck at islands), new deck drainage, fence, back-fill, final grading, and landscaping.
3. Concrete housekeeping pads for mechanical equipment in filter room.
4. All sealants at deck to pool junction and the deck to wall junction in pool area, including the caulking/sealants between deck and coping.
5. The water required to fill the pool, chemicals and staff for daily maintenance shall be provided by the owner at the time the pool interior is completed.
6. All signage for the pool, chemical storage and filter building.
7. Design & construction of the filter room and the bath house building.



SITE PLAN

SCALE: 1/20"=1'-0"

* DIMENSIONS SHOWN FOR REFERENCE ONLY.

REFER TO BUILDING PLANS FOR ALL DETAILS ON THE BATH HOUSE.

REFER TO BUILDING PLANS FOR ALL DETAILS ON THE BATH ROOMS.

NOTE: HOSE BIBBS TO BE SPACED AT 150 FT. OR LESS INTERVALS (BY OTHERS). REFER TO PLUMBING DRAWINGS FOR NUMBER AND LOCATIONS.

NEW POOL CONSTRUCTION NOTES:

USE GROUP TYPE: A-5 (IBC 2015)
 CONSTRUCTION TYPE: II-B, (IBC 2015)

LEISURE POOL: POOL WATER SURFACE AREA = 6,870 S.F.
 POOL DECK ARE = 33,845 S.F.
 DECK/WATER RATIO = 33,845 / 6,870 = 4.92 > 2.0
 (8 S.F. WATER SURFACE PER OCCUPANT - ISPSC-2015)

DESIGN LOAD: 6,870 / 8 = 858 BATHERS

OWNER: BLUE WATER DEVELOPMENT

9919 STEPHEN DECATUR HWY
 OCEAN CITY, MD. 21842

POOL CONTRACTOR: PADDOCK SWIMMING POOL CO.

15120-C SOUTHLAWN LANE
 ROCKVILLE, MD 20850

LIST OF DRAWINGS

- 0.0 COVER SHEET
- 1.0 LEISURE POOL PLAN
- 1.1 LEISURE POOL DIMENSION PLAN
- 2.0 SECTIONS
- 2.1 SECTIONS
- 3.0 OVERALL PIPING PLAN
- 3.1 LEISURE POOL PIPING PLAN
- 4.0 FILTER ROOM PLAN
- 4.1 FILTER ROOM SLEEVE PLAN
- 5.0 DETAILS

PROJECT REVISIONS:

ATHLETIC FACILITY
 CURRITUCK SOUND

WATERLILY ROAD
 COINJOCK, NC 27923

COVER SHEET

PADDOCK
 SWIMMING POOL COMPANY

15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
 PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

THESE DRAWINGS, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF PADDOCK SWIMMING POOL CO., AND ARE NOT TO BE COPIED IN ANY FASHION WITHOUT APPROPRIATE CONSENT.

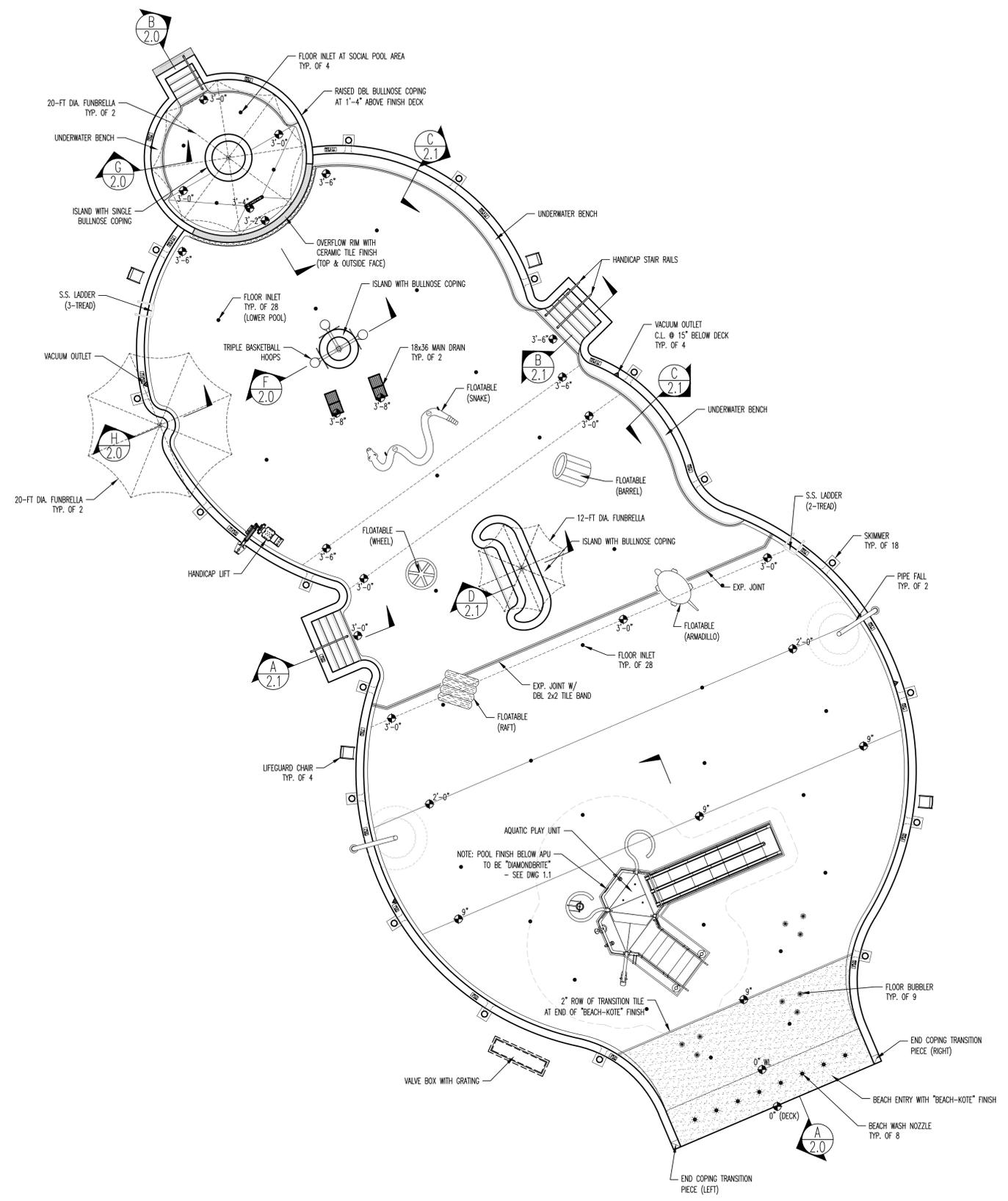
REVISIONS: SCALE: 1/20"=1'-0" JOB NO.: LEAD-2069
 DATE: 12/11/2023 SHE. NO.: 0.0



202-655-1000
 5300 MULLENBURN RD
 FARM # 1353070 CENT 1 P-1281 STRUCTURAL

PLOTTED BY: JZ

C:\V065-Leads\Athletic Facility OBX - Coinjock NC - 2069\AthleticFacility_OBX_NC_MAS.dwg 12-11-2023@11:05am



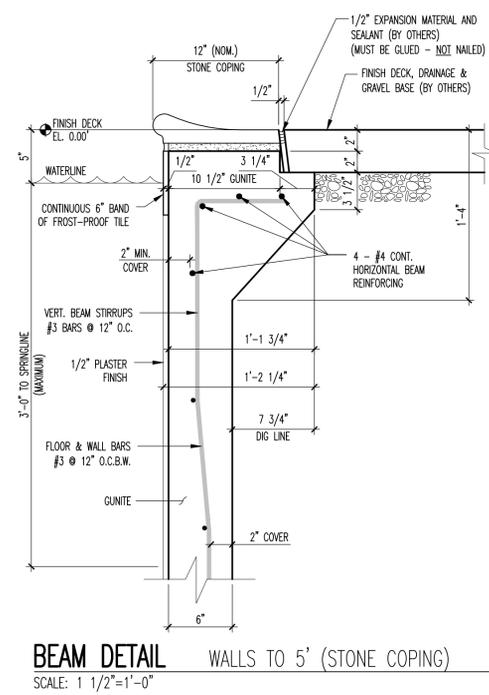
LEISURE POOL LAYOUT
SCALE: 1/8"=1'-0"

INDICATES IN-POOL WATER DEPTHS (TYPICAL)

NOTE: NEW DECK & DRAINAGE CONSTRUCTION TO BE PROVIDED BY OTHERS.

SHELL EQUIPMENT LIST - LEISURE POOL	
(ATHLETIC FACILITY OBX)	
MAIN DRAIN - FILTRATION	1 DALDORADO DALMAX 18x36x24 FIBERGLASS SUMP & GRATING, 24" DEEP SUMP WITH 8" PORT, VGB COMPLIANT, CERTIFIED FLOW AT 1.984 GPM (FLOWER)
MAIN DRAINS - FEATURE SUCTION	1 DALDORADO DALMAX 18x36x24 FIBERGLASS SUMP & GRATING, 24" DEEP SUMP WITH 8" PORT, VGB COMPLIANT, CERTIFIED FLOW AT 1.984 GPM (FLOWER)
HYDROSTATIC RELIEF VALVES	4 HAYWARD 2" HYDROSTATIC RELIEF VALVE #SP1056 WITH COLLECTOR TUBE #SP1055
SKIMMERS	18 AQUASTAR #SKR-201, W/ ROUND COVER, COLOR - WHITE
VACUUM OUTLETS	4 HAYWARD 2" SOCKET PVC FITTING #W400BWP1
FLOOR INLETS	28 + 4 AQUASTAR FLOOR INLET #4D1V101 (WHITE) - NOTE: (4) INLETS LOCATED IN SOCIAL POOL AREA
WINTERIZATION DRAIN - FLOOR	1 AQUASTAR 32" CHANNEL DRAIN #32CDF101
WINTERIZATION DRAIN - WALL	1 HAYWARD 2" SOCKET PVC FITTING #SP1022S2 W/ HAYWARD #SP1022B PLOG

DECK EQUIPMENT LIST - LEISURE POOL	
(ATHLETIC FACILITY OBX)	
COPING - LEISURE POOL	POOL: FEDERAL STONE PRECAST COPING, AQ SERIES, 12"x24"x1-1/4", COLOR CHOICE BY OWNER (WITH TWO TRANSITIONAL COPING AT BEACH ENTRY); ALL ISLANDS: FEDERAL PRECAST 12" SINGLE BULLNOSE COPING, COLOR CHOICE BY OWNER; RAISED SOCIAL POOL AREA: FEDERAL PRECAST 12" DBL BULLNOSE COPING, COLOR CHOICE BY OWNER
INTERIOR FINISH	BEACH ENTRY: "BEACHKOTE" TO 9" DEEP OF WATER, COLOR - WHITE; REST OF AREAS: MARITIME PLASTER FINISH COLOR - WHITE; FLOOR UNDER APU: "DIAMONDBRITE" FINISH WITH 2" TRIM TILE EDGE
TRANSITION TILE AT BEACH ENTRY	2" ROW OF 2"x2" SLIP-RESISTANT CERAMIC TILE AT EDGE BETWEEN BEACH ENTRY FINISH & PLASTER FINISH, COLOR: WHITE
WATER LINE TILE	6" BAND OF 2"x2" CERAMIC TILE - DALTILE, PRICE GROUP (1-3) - COLOR CHOICE BY OWNER/ARCH
DECK DEPTH MARKINGS (HORIZ.)	6"x6" WHITE SLIP-RESISTANT CERAMIC TILE WITH 5" HIGH BLACK NUMERALS & LETTERS AND INTERNATIONAL "NO-DIVING" TILE SIGN - INLaid ON TOP OF COPING
IN-POOL DEPTH MARKINGS (VERTICAL)	6"x6" WHITE CERAMIC TILE WITH 5" HIGH BLACK NUMERALS & LETTERS
TRIM TILE AT STAIRS & UNDERWATER BENCHES	2" ROW OF 2"x2" SLIP-RESISTANT CERAMIC TILE OF CONTRASTING COLOR, BY DALTILE, COLOR CHOICE BY OWNER/ARCH
TILE AT EXPANSION JOINTS	DOUBLE BAND OF 2"x2" CERAMIC TILE AT EXPANSION JOINT; WHITE ON BOTH SIDES
TILE AT RAISED SOCIAL POOL	2"x2" CERAMIC TILE AT STAIR AND EXTERIOR FACE OF RAISED WALL, OVERFLOWING WEIR
STAIR HAND RAILS	SR SMITH HAND RAIL, 1.90x.063", 3/4" STAINLESS STEEL; (2) CUSTOM 6'-0" LONG WITH TOP LOOP (AT 3'-0" DEEP H.C. STAIR); (1) 5'-0" LONG, 3-BEND (AT 3'-0" DEEP STAIR); (1) 4'-10" LONG, 3-BEND (AT SOCIAL POOL STAIR)
LADDERS	SR SMITH STANDARD PLUS LADDER WITH PLASTIC TREADS, 1.90x.063" S.S., (1) #10001, 2-TREAD & (1) #10004, 3-TREAD
WEDGE ANCHORS	PERMA CAST WEDGE ANCHOR #PS-4019-BC FOR 1.90" RAIL
ESCUTCHEONS	SR SMITH SS FOR 1.90" RAIL #EP-100A
HANDICAP LIFT & ANCHOR	SR SMITH MODEL #ML-300 WITH ANCHOR SET FOR NEW CONSTRUCTION
GUARD CHAIRS	PORTABLE GUARD CHAIR FROM H2O INNOVATIONS
BASKETBALL POST & ANCHOR	SPECTRUM CUSTOM SINGLE-POST WITH TRIPLE BASKETBALL BOARDS, WITH (1) 4" SQUARE ANCHOR #58782
FUNBRELLAS & ANCHORS	(2) 20" DIA. & (1) 12" DIA. FUNBRELLAS W/ (3) ANCHORS FROM ANCHOR INDUSTRIES
TOYS - THEMED FLOATABLE	(1) LOG RAFT - W.P.E.; (1) WAGON WHEEL - W.P.E.; (1) BARREL - W.P.E.; (1) ARMADILLO - W.P.E.
TOY - FLOATABLE	1 SNAKE FLOATABLE, 21-FT LONG - W.P.E.
TOY ANCHORS & TETHERS	(6) TOY ANCHORS & (112) TETHERS FOR FLOATABLE (TETHER LENGTHS: 3'-0" LONG & 8 PCS, 3'-0" LONG & 4 PCS, - W.P.E. (NOTE - EACH FLOATABLE TO HAVE ONE EXTRA SET OF TETHER FOR BACKUP)
VALVE BOX GRATING	2x2x2 FIBERGLASS GRATING WITH SOLID PLATE, AND 2"x1-1/2" EDGE ANGLE
SAFETY & MAINTENANCE EQUIPMENT (FURNISHED LOOSE)	
	2 CLEAN KIT 1.5"
	1 SPINE BOARD W/ STRAPS
	1 HEAD IMMOBILIZER
	2 FIRST AID KIT (50 PEOPLE)
	1 LIFE HOOK (SHEPHERD'S CROOK) & RESCUE POLE
	2 ROPE - HOOK 3/4"
	1 LIFE RING BUOY, 24" DIA. WHITE 60' W/ THROW LINE - RECREONICS 12252 & 12261
	1 POLE - TELESCOPIC 16'-3"
	1 RESCUE TUBE 50" W/ STRAPS
	2 TEST KIT - TAYLOR K2065
	1 CHEMICAL FOR INITIAL BALANCE ONLY



BEAM DETAIL WALLS TO 5' (STONE COPING)
SCALE: 1 1/2"=1'-0"

DESIGN DATA	
DIMENSIONS	LEISURE POOL
PERIMETER	FREE-FORMED
SURFACE AREA - TOTAL	424'-0"
- WATER SURFACE AREA	7,168 S.F.
- PLASTER AREA	6,870 S.F.
- BEACH FINISH AREA	5,310 S.F.
- DRY BEACH AREA	1,895 S.F.
GALLONAGE	135 S.F.
DEPTHS	126,120 GAL.
FILTER RATE	0' TO 3'-8"
TURNOVER TIME	635 GPM
	3.3 HOURS

ATHLETIC FACILITY CURRITUCK SOUND
WATERLILY ROAD
COINJOCK, NC 27923

LEISURE POOL LAYOUT

PADDOCK
SWIMMING POOL COMPANY

15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

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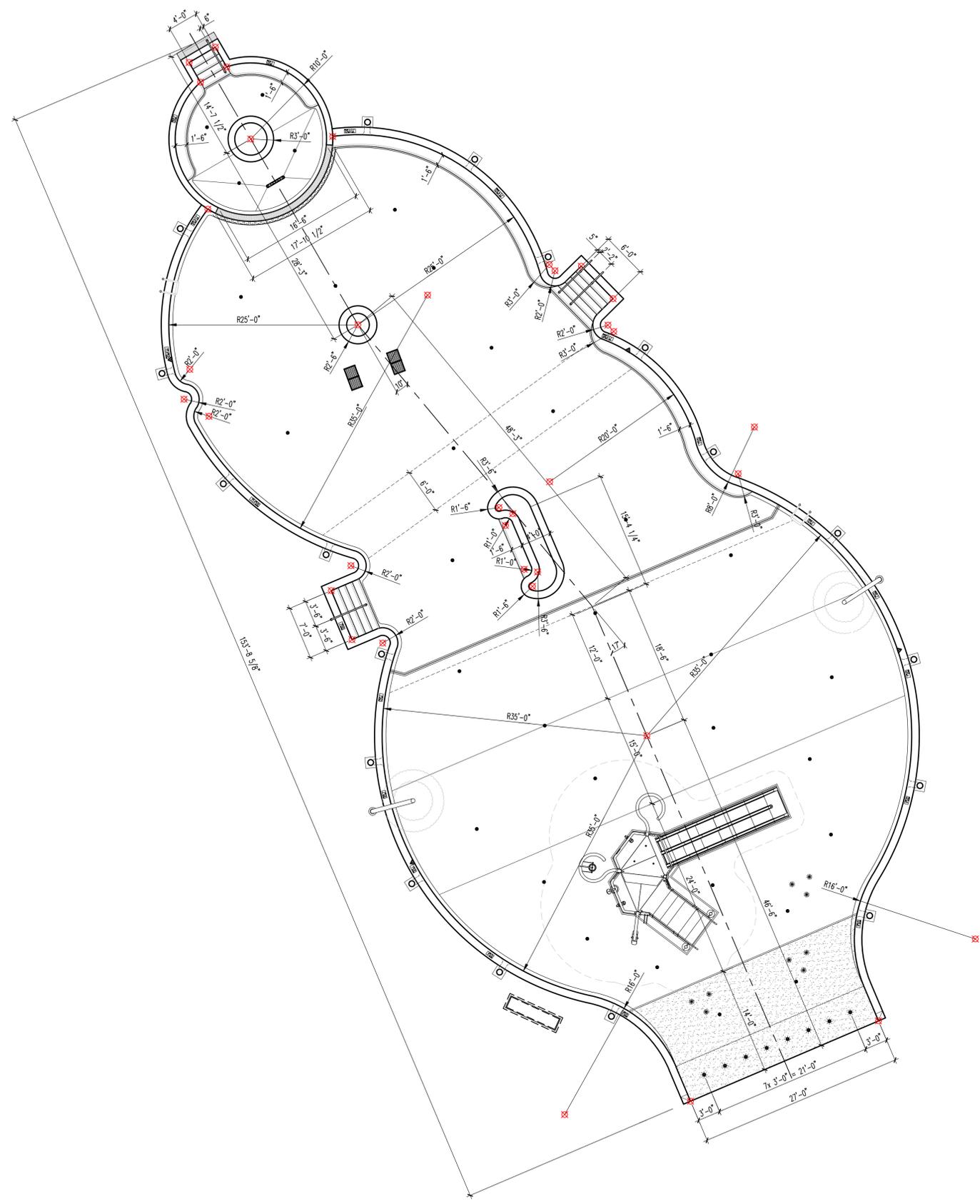
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DATE: 12/11/2023 SHE. NO.: 1.0



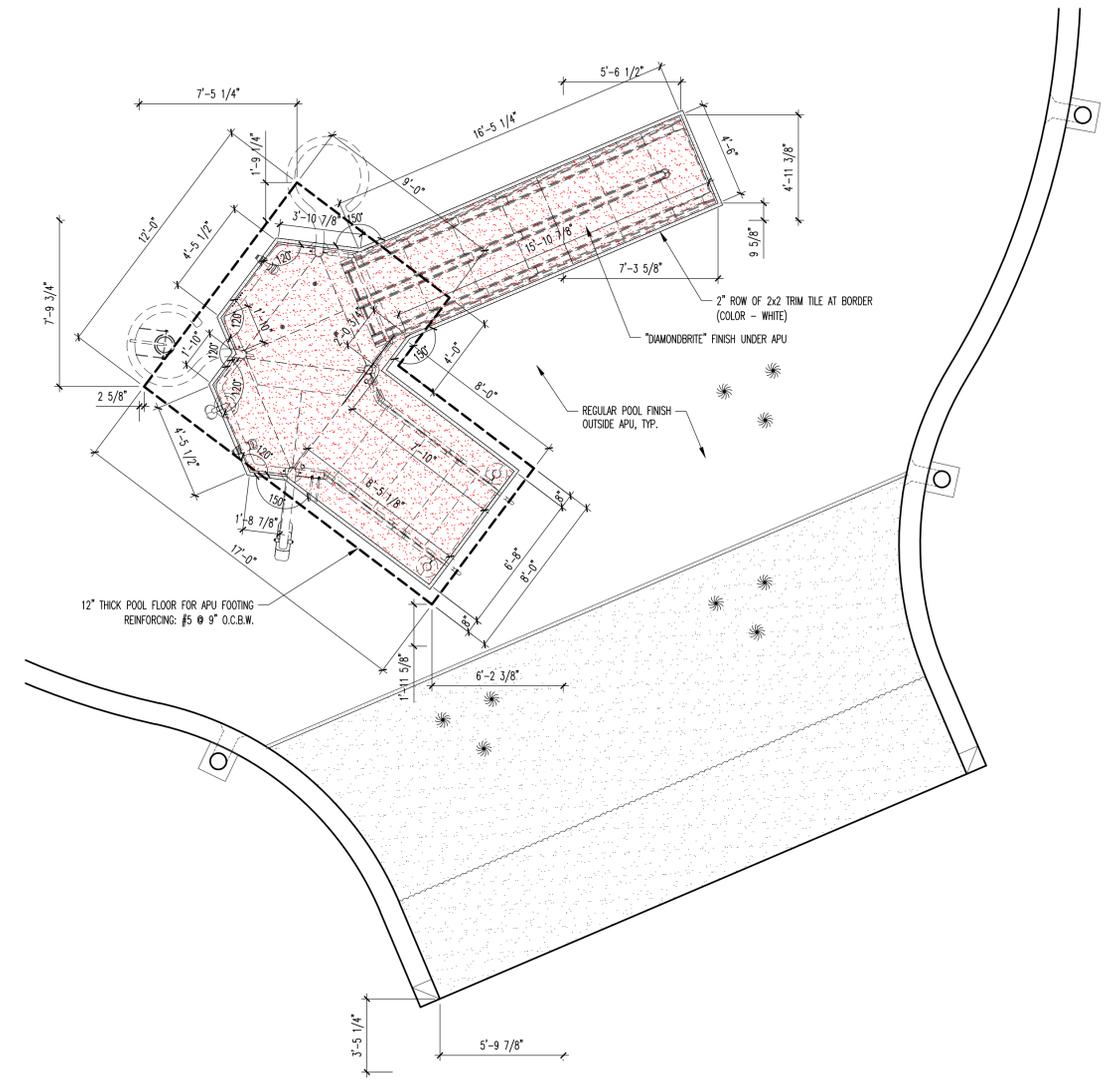
252-655-1111 P.O. BOX 111111 RALEIGH, NC 27611
5306 MULHOLLAND AVENUE RALEIGH, NC 27611
FIRM # 1353070 CERT # P-1281 STRUCTURAL

PLOTTED BY: JZ

A
B
C
D
E
F



LEISURE POOL DIMENSION PLAN
 SCALE: 1/8"=1'-0" A
1.1



APU FOOTING & FLOOR FINISH PLAN
 SCALE: 1/4"=1'-0" B
1.1

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DRAWN BY: JZ

**ATHLETIC FACILITY
 CURRITUCK SOUND**
 WATERLILY ROAD
 COINJOCK, NC 27923

**LEISURE POOL
 DIMENSION PLAN**



15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
 PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

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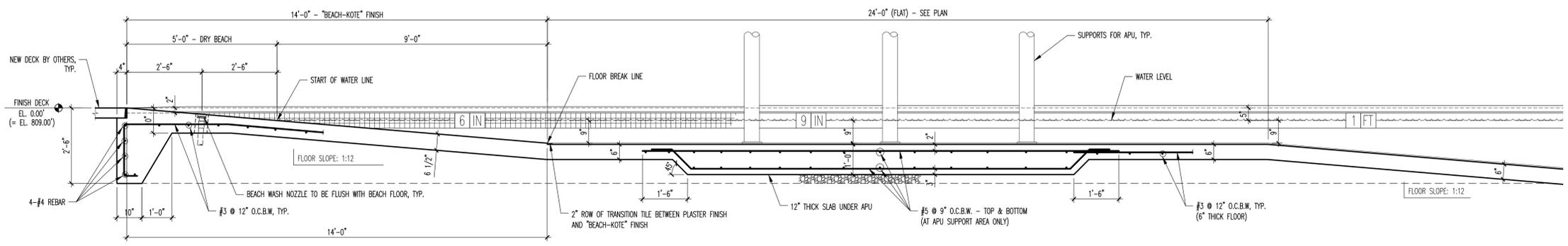
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	AS NOTED	LEAD-2069
	DATE:	SHT. NO.:
	12/11/2023	1.1



222-635-1000 / 714-714-7140
 5366 MULHOLLAND BLVD. SUITE 100
 SAN JOSE, CA 95128
 FIRM # 1353070 CERT # P-1281 STRUCTURAL

PLOTTED BY: JZ

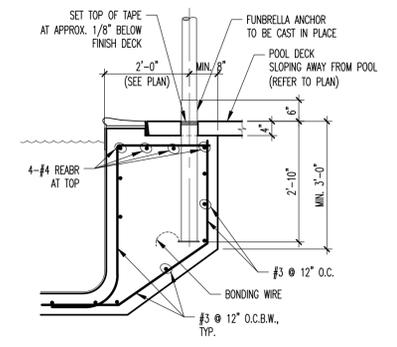
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BEACH ENTRY SECTION

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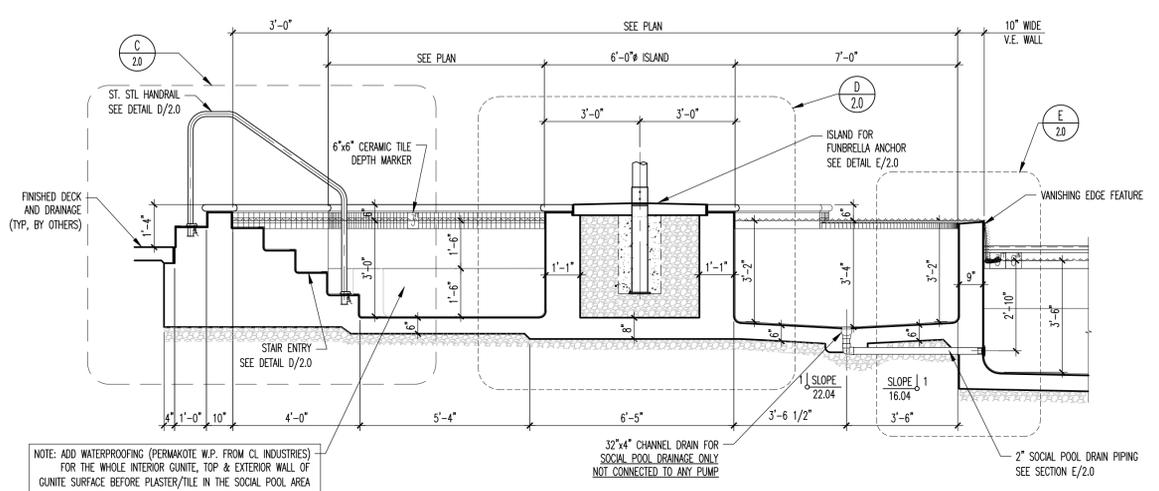
A
2.0



FUNBRELLA BASE DETAIL

SCALE: 1/2"=1'-0"

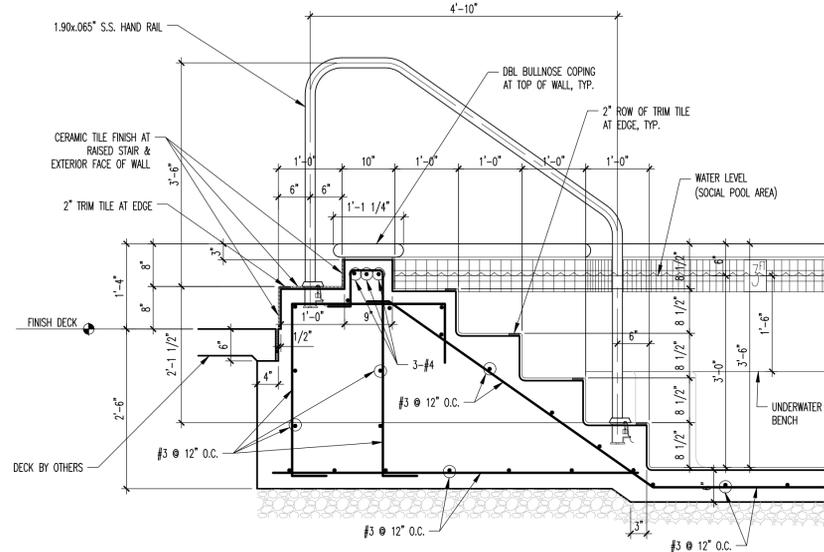
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2.0



SOCIAL POOL AREA SECTION

SCALE: 3/8"=1'-0"

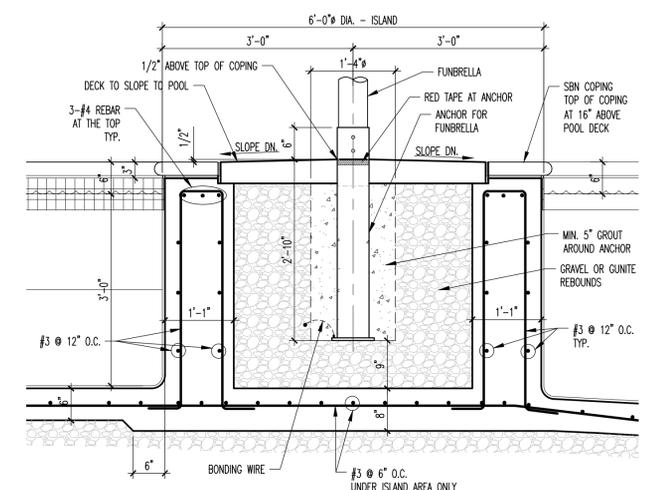
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SOCIAL POOL STAIR SECTION

SCALE: 3/4"=1'-0"

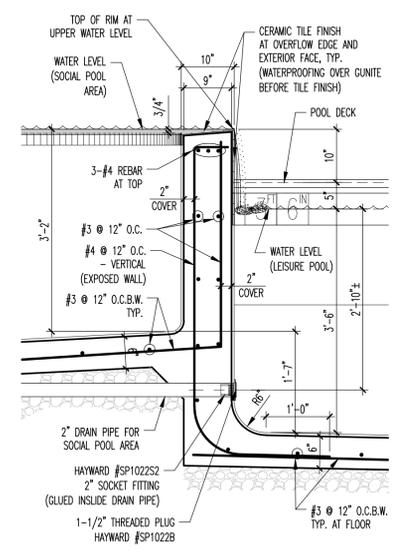
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SOCIAL POOL ISLAND SECTION

SCALE: 3/4"=1'-0"

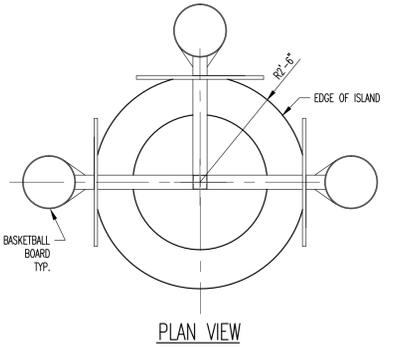
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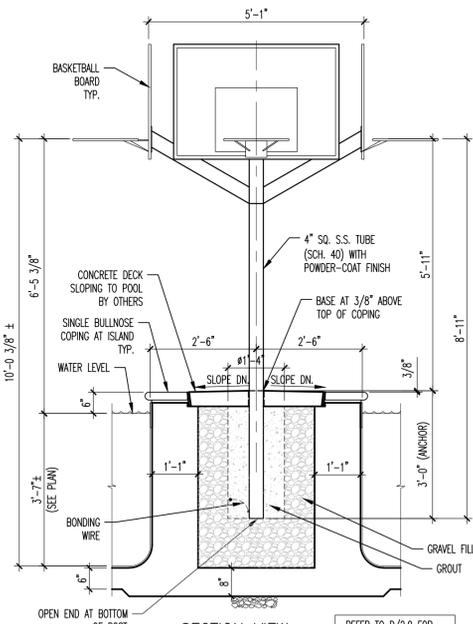
SOCIAL POOL VANISHING EDGE DETAIL

SCALE: 3/4"=1'-0"

E
2.0

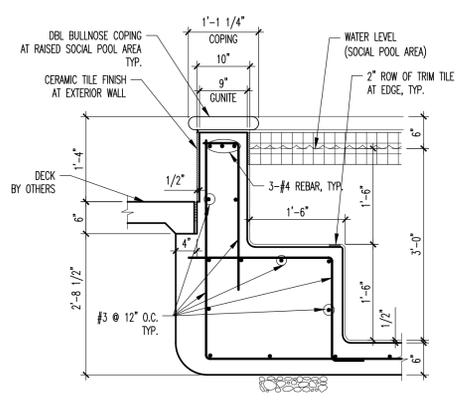


PLAN VIEW



SECTION VIEW

F
2.0



BENCH SECTION (SOCIAL POOL AREA)

SCALE: 3/4"=1'-0"

G
2.0

ATHLETIC FACILITY CURRITUCK SOUND
 WATERLILY ROAD
 COINJOCK, NC 27923

SECTIONS

PADDOCK
 SWIMMING POOL COMPANY

15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
 PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

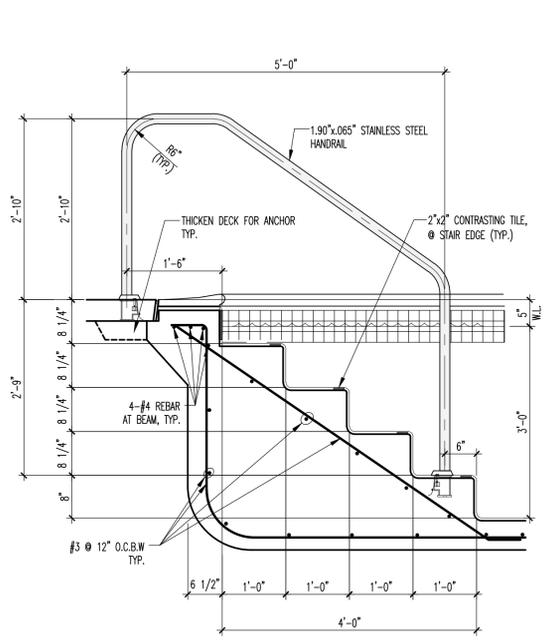
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	AS NOTED	LEAD-2069
	DATE:	SHT. NO.:
	12/11/2023	2.0

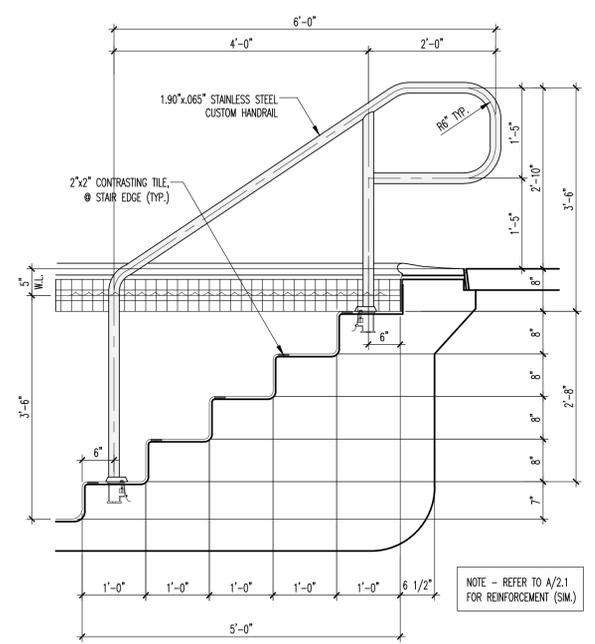
202-658-1669
 5306 MULLEN LANE #100 ROCKVILLE, MD 20850
 FIRM # 1353070 CERT # P-1281 STRUCTURAL

DRAWN BY: JZ

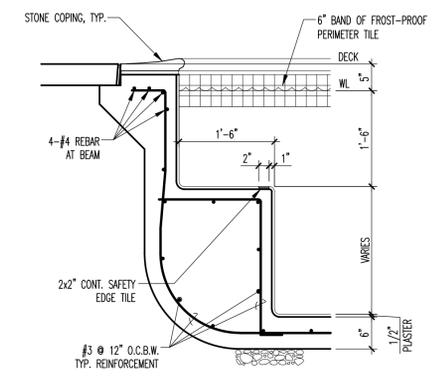
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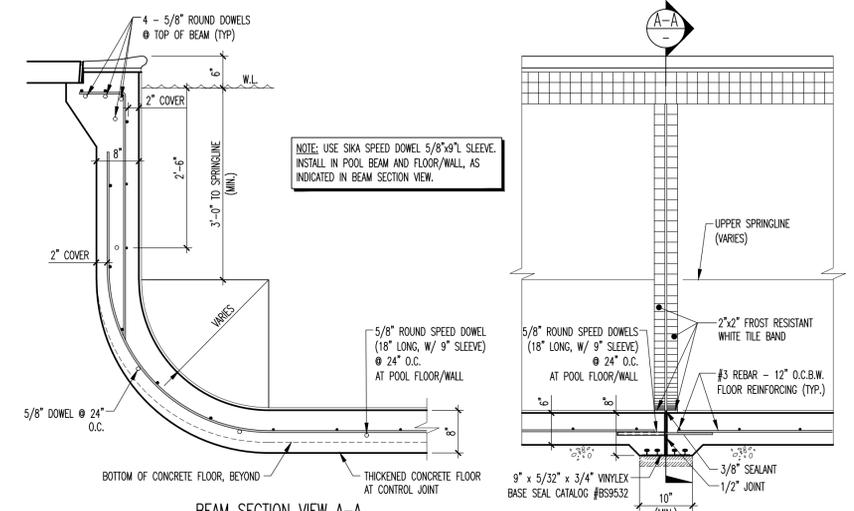
STAIR SECTION
SCALE: 3/4"=1'-0"
A 2.1



STAIR SECTION
SCALE: 3/4"=1'-0"
B 2.1



UNDERWATER BENCH
SCALE: 3/4"=1'-0"
C 2.1

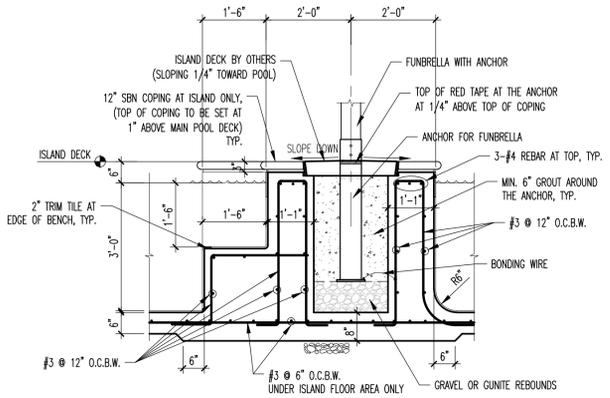


EXPANSION JOINT W/ ALIGNMENT DOWELS
SCALE: 3/4"=1'-0"
E 2.1

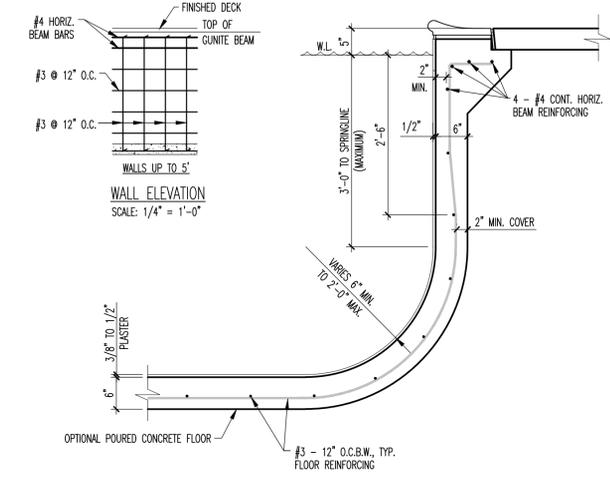
STRUCTURAL WALL & STEEL SCHEDULE

WATER DEPTH	WALL THICKNESS	REINFORCING
0'-0" TO 5'-0"	6"	#3 @ 12" O.C.B.W.

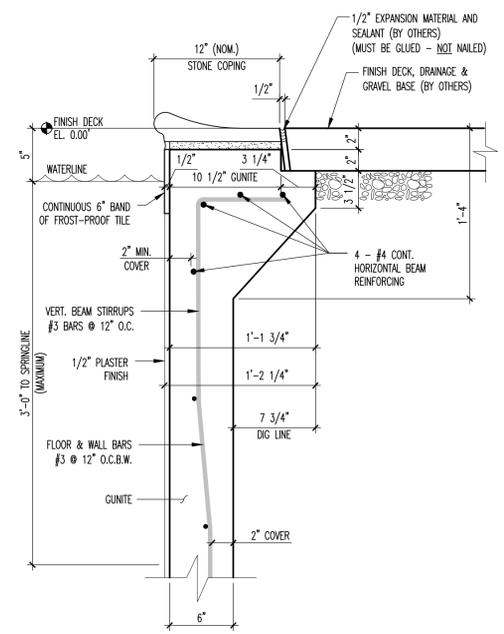
NOTE: STEEL SCHEDULE ASSUMES UNDISTURBED SITE w/ SOIL OF MIN. 2000 PSF BEARING CAPACITY & NO SURCHARGES. MIN. 3,000 PSI GUNITE/CONCRETE WITH GRADE 60 STEEL, TYP.



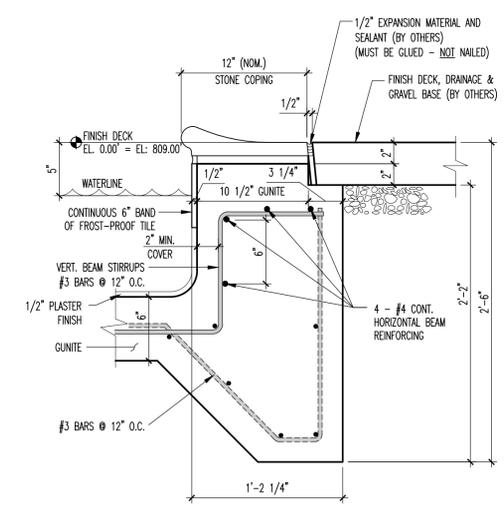
SMALL ISLAND SECTION
SCALE: 1/2"=0'-0"
D 2.1



TYP. WALL DETAIL TO 5' (STONE COPING)
SCALE: 3/4"=1'-0"



BEAM DETAIL WALLS TO 5' (STONE COPING)
SCALE: 1 1/2"=1'-0"



BEAM DETAIL - SHALLOW AREA
SCALE: 1 1/2"=1'-0"

ATHLETIC FACILITY CURRITUCK SOUND
WATERLILY ROAD
COINJOCK, NC 27923

SECTIONS

PADDOCK
SWIMMING POOL COMPANY

15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

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REVISIONS: SCALE: AS NOTED JOB NO.: LEAD-2069
DATE: 12/11/2023 SHE. NO.: 2.1



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DRAWN BY: JZ

PLOTTED BY: JZ

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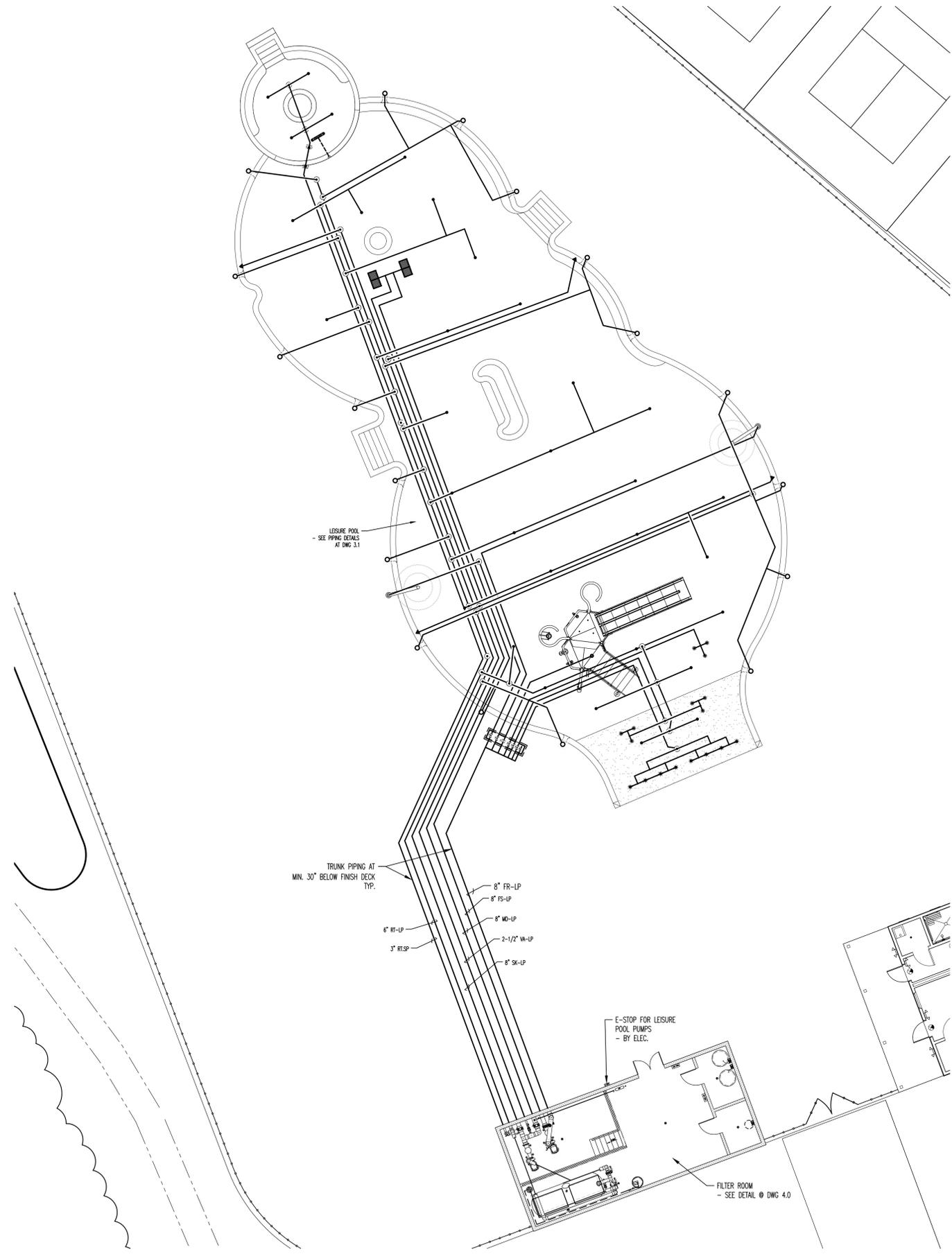
C

D

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F

1 2 3 4 5 6 7 8



- PIPING NOTES:**
- POOL RECIRCULATION PIPING TO BE TYPE 1, SCHED. 40 PVC w/ SOLVENT WELD FITTINGS NSF APPROVED. ALL PIPING TO BE ADEQUATELY PRESSURE TESTED PRIOR TO BURIAL OR CONCEALMENT. EXPOSED POOL PIPING IN FILTER ROOM TO BE ADEQUATELY SUPPORTED AND STABILIZED WITH STANDARD PIPE HANGING DEVICES OR CUSTOM MADE AS REQUIRED.
 - FILTER PIPING TO BE COLOR CODED AND VALVES TO BE IDENTIFIED BY LAMINATED TAGS AND RELATED TO A LAMINATED OPERATION INSTRUCTION PLACARD IN THE FILTER ROOM.
 - ALL VALVES UP TO 2-1/2" IN SIZE TO BE PVC BALL VALVES. VALVES OVER 2-1/2" TO BE PVC BUTTERFLY VALVES.
 - GENERAL CONTRACTOR TO PROVIDE FILTER ROOM FINISHED IN LIGHT COLOR WITH LIGHTING & MECHANICAL EXHAUST VENTILATION AS REQUIRED BY CODE.
 - HOSE BIBB AND FLOOR DRAINAGE PROVIDED BY OTHERS.

- POOL PIPE ABBREVIATION & FITTING LEGEND:**
- | | |
|-------------------------|---------------------|
| STANDARD POOL | FITTINGS |
| MD = MAIN DRAIN | ⊙ 90° ELBOW FITTING |
| RT = RETURN | ⊕ TEE FITTING |
| SK = SKIMMER | ⊙ 45° ELL FITTING |
| VA = VACUUM | ⊕ UNION FITTING |
| FW = FRESH WATER | ⊕ REDUCER FITTING |
| FR = FEATURE RETURN | ⊕ CAP FITTING |
| FS = FEATURE SUCTION | ⊕ PIPE BREAK |
| BB = BUBBLERS | |
| BW = BEACH WASH NOZZLE | |
| PF = PIPE FALLS | |
| APU = AQUATIC PLAY UNIT | |
| LP = LEISURE POOL | |
| SP = SOCIAL POOL | |

DESIGN DATA	
DIMENSIONS	LEISURE POOL
PERIMETER	FREE-FORMED
SURFACE AREA - TOTAL	424'-0"
- WATER SURFACE AREA	7,168 S.F.
- PLASTER AREA	6,870 S.F.
- BEACH FINISH AREA	5,310 S.F.
- DRY BEACH AREA	1,695 S.F.
GALLONAGE	126,120 GAL.
DEPTHS	0" TO 3'-8"
FILTER RATE	635 GPM
TURNOVER TIME	3.3 HOURS

**ATHLETIC FACILITY
CURRITUCK SOUND**

WATERLILY ROAD
COINJOCK, NC 27923

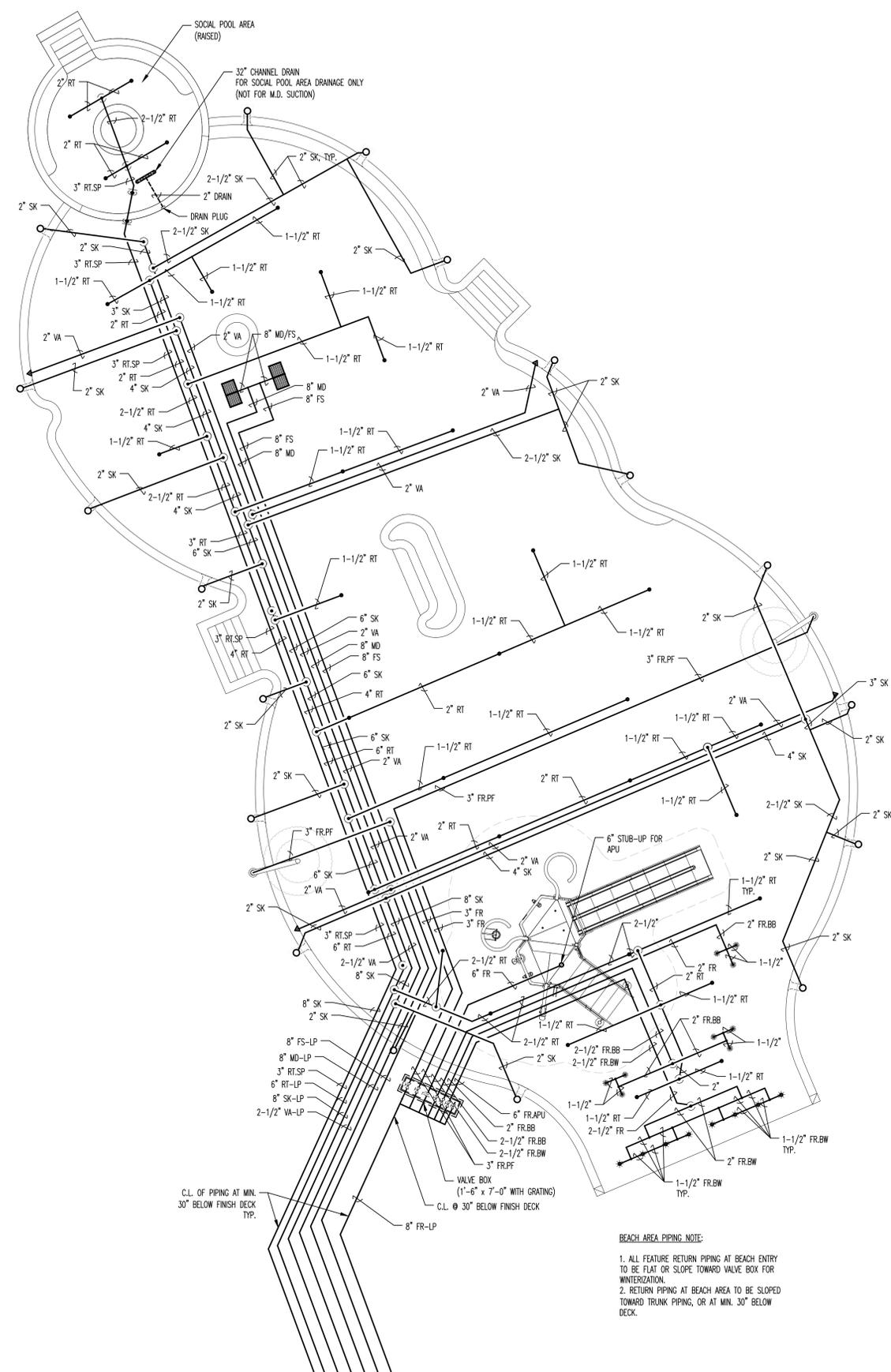
OVERALL PIPING PLAN

DRAWN BY: JZ

PADDOCK SWIMMING POOL COMPANY	
15120-C SOUTHLAWN LANE PHONE: (301)-424-0790	ROCKVILLE, MD. 20850 EMAIL: info@paddockpools.com
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REVISIONS:	SCALE: 3/32"=1'-0" DATE: 12/11/2023
	JOB NO.: LEAD-2069 SHT. NO.: 3.0

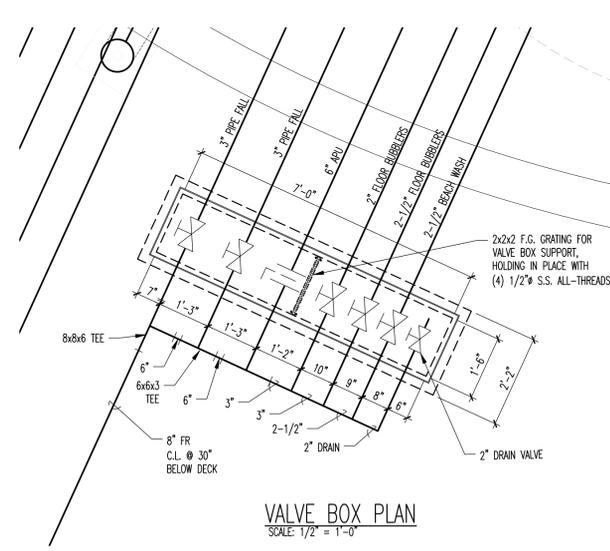
OVERALL PIPING PLAN
SCALE: 3/32"=1'-0"

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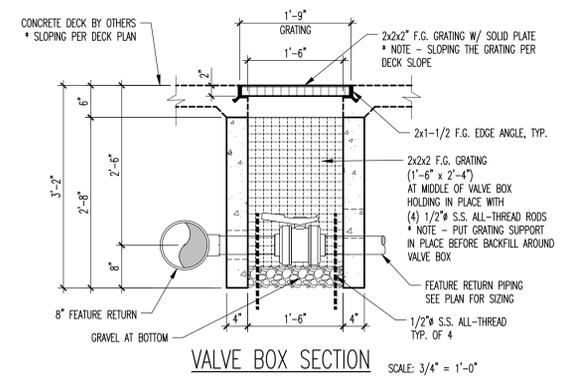


LEISURE POOL PIPING PLAN
SCALE: 1/8"=1'-0"

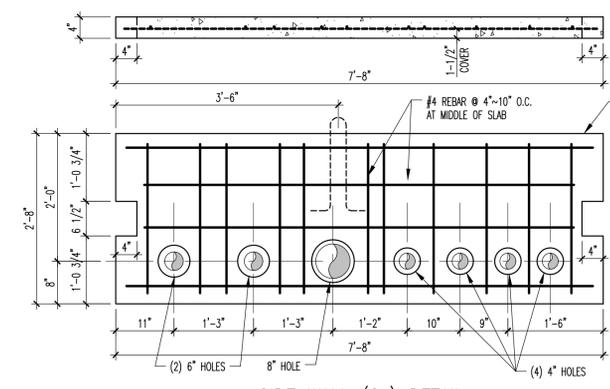
BEACH AREA PIPING NOTE:
1. ALL FEATURE RETURN PIPING AT BEACH ENTRY TO BE FLAT OR SLOPE TOWARD VALVE BOX FOR WINTERIZATION.
2. RETURN PIPING AT BEACH AREA TO BE SLOPED TOWARD TRUNK PIPING, OR AT MIN. 30° BELOW DECK.



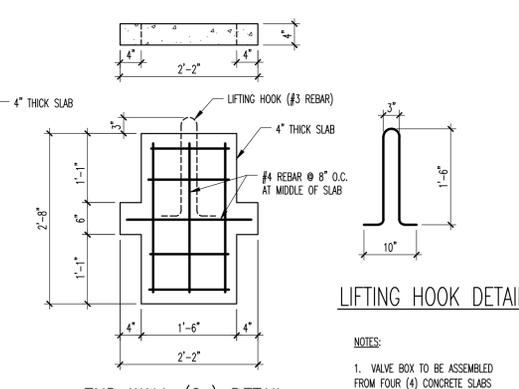
VALVE BOX PLAN
SCALE: 1/2"=1'-0"



VALVE BOX SECTION
SCALE: 3/4"=1'-0"



SIDE WALL (2x) DETAIL
SCALE: 3/4"=1'-0"



END WALL (2x) DETAIL
SCALE: 3/4"=1'-0"

LIFTING HOOK DETAIL

- NOTES:**
1. VALVE BOX TO BE ASSEMBLED FROM FOUR (4) CONCRETE SLABS (CAST ON SITE).
 2. CONCRETE: 3,000 PSI, REBAR: GRADE 60.

- PIPING NOTES:**
1. POOL RECIRCULATION PIPING TO BE TYPE 1, SCHED. 40 PVC W/ SOLVENT WELD FITTINGS NSF APPROVED. ALL PIPING TO BE ADEQUATELY PRESSURE TESTED PRIOR TO BURIAL OR CONCEALMENT. EXPOSED POOL PIPING IN FILTER ROOM TO BE ADEQUATELY SUPPORTED AND STABILIZED WITH STANDARD PIPE HANGING DEVICES OR CUSTOM MADE AS REQUIRED.
 2. FILTER PIPING TO BE COLOR CODED AND VALVES TO BE IDENTIFIED BY LAMINATED TAGS AND RELATED TO A LAMINATED OPERATION INSTRUCTION PLACARD IN THE FILTER ROOM.
 3. ALL VALVES UP TO 2-1/2" IN SIZE TO BE PVC BALL VALVES. VALVES OVER 2-1/2" TO BE PVC BUTTERFLY VALVES.
 4. GENERAL CONTRACTOR TO PROVIDE FILTER ROOM FINISHED IN LIGHT COLOR WITH LIGHTING & MECHANICAL EXHAUST VENTILATION AS REQUIRED BY CODE.
 5. HOSE BIBB AND FLOOR DRAINAGE PROVIDED BY OTHERS.

POOL PIPE ABBREVIATION & FITTING LEGEND:

STANDARD POOL	FITTINGS
MD = MAIN DRAIN	90° ELBOW FITTING
RT = RETURN	TEE FITTING
SK = SKIMMER	45° ELL. FITTING
VA = VACUUM	UNION FITTING
FW = FRESH WATER	REDUCER FITTING
FR = FEATURE RETURN	CAP FITTING
FS = FEATURE SUCTION	PIPE BREAK
BB = BUBBLERS	
BW = BEACH WASH NOZZLE	
PF = PIPE FALLS	
APU = AQUATIC PLAY UNIT	
LP = LEISURE POOL	
SP = SOCIAL POOL	

SHELL EQUIPMENT LIST - LEISURE POOL
(ATHLETIC FACILITY ORS)

MAIN DRAIN - FILTRATION	1	DALDORADO DALMAX 18x36x24 FIBERGLASS SUMP & GRATING, 24" DEEP SUMP WITH 8" PORT, VIB COMPLIANT, CERTIFIED FLOW AT 1,984 GPM (FLOOR)
MAIN DRAINS - FEATURE SUCTION	1	DALDORADO DALMAX 18x36x24 FIBERGLASS SUMP & GRATING, 24" DEEP SUMP WITH 8" PORT, VIB COMPLIANT, CERTIFIED FLOW AT 1,984 GPM (FLOOR)
HYDROSTATIC RELIEF VALVES	4	HAYWARD 2" HYDROSTATIC RELIEF VALVE #SP1056 WITH COLLECTOR TUBE #SP1055
SKIMMERS	18	AQUASTAR #SKR-201, W/ ROUND COVER, COLOR - WHITE
VACUUM OUTLETS	4	HAYWARD 2" SOCKET PVC FITTING #W400BWP
FLOOR INLETS	28 + 4	AQUASTAR FLOOR INLET #4DIV101 (WHITE) - NOTE: (4) INLETS LOCATED IN SOCIAL POOL AREA
WINTERIZATION DRAIN - FLOOR	1	AQUASTAR 32" CHANNEL DRAIN #32CDEL10
WINTERIZATION DRAIN - WALL	1	HAYWARD 2" SOCKET PVC FITTING #SP1022S2 W/ HAYWARD #SP1022B PLUG

DESIGN DATA

LEISURE POOL	
DIMENSIONS	FREE-FORMED
PERIMETER	424'-0"
SURFACE AREA - TOTAL	7,168 S.F.
- WATER SURFACE AREA	6,870 S.F.
- PLASTER AREA	5,310 S.F.
- BEACH FINISH AREA	1,695 S.F.
- DRY BEACH AREA	135 S.F.
GALLONAGE	126,120 GAL.
DEPTHS	0' TO 3'-8"
FILTER RATE	635 GPM
TURNOVER TIME	3.3 HOURS

ATHLETIC FACILITY CURRITUCK SOUND
WATERLILY ROAD
COINJOCK, NC 27923
LEISURE POOL PIPING PLAN



15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

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REVISIONS:	SCALE: 1/8"=1'-0"	JOB NO.: LEAD-2069
	DATE: 12/11/2023	SHT. NO.: 3.1

PLOTTED BY: JZ
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PLOTTED BY: JZ

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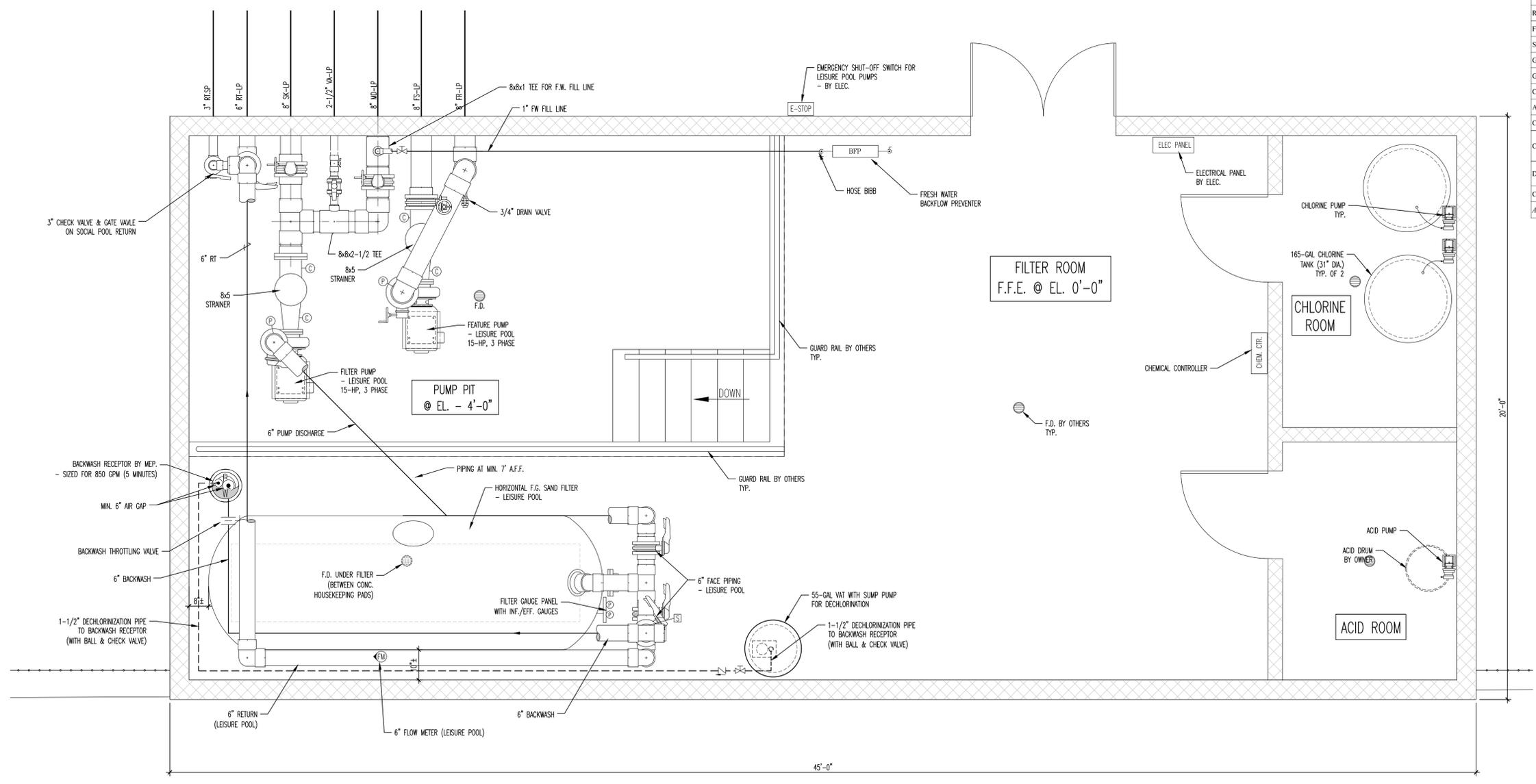
D

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F

MECHANICAL EQUIPMENT LIST - LEISURE POOL

ATHLETIC FACILITY (OBS)	
FILTER - LEISURE POOL	1 WATERCO 50"x166" HORIZONTAL SAND FILTER, MODEL M5000 #22290200NA, WITH 6" FLANGES, GAUGE PANEL (INF. & EFF.), 51 SQ. FT. FILTER MEDIA PER TANK, DESIGN FLOW AT 635 GPM PER TANK
FILTER MEDIA	1 SAND: 7,750 LB. GRAVEL: 1,900 LB. PER TANK
PUMPS - FILTER #P-1	1 PACO CLOSE-COUPLED END SUCTION, MODEL #10-40957-LC, 1800 RPM, 15-HP, 208V 3-PHASE, 635 GPM @ 69' TDH
PUMP - APU & FEATURES #P-2	1 PACO CLOSE-COUPLED END SUCTION, MODEL #10-40957-LC, 1800 RPM, 15-HP, 208V 3-PHASE, 730 GPM @ 55' TDH
STRAINERS	2 MERMADE F.G. ECCENTRIC 8 x 5
REDUCERS	1 + 1 F.G. CONCENTRIC (1) 8 x 4 & (1) 6 x 4
FLOW METER	1 BLUE-WHITE F-300 SERIES, 6"
SIGHT GLASS	1 SR SMITH 1.5" SIGHT GLASS
GAUGES - PRESSURE	2 WIKA 4", TYPE 111.10
GAUGES - COMPOUND	4 WIKA 4", TYPE 111.10
CHLORINE FEEDERS	2 STENNER #85MS, FRACTIONAL HP (1/30 HP), SINGLE PHASE 120V, 1.7A
ACID FEEDER	1 STENNER #45MS, FRACTIONAL HP (1/30 HP), SINGLE PHASE 120V, 1.7A
CHLORINE TANKS	2 CHEMTAINER 165-GAL, #TC3158IC WITH LID
CHEMICAL CONTROLLER	1 BECSYS 2 SYSTEM FROM BECS TECH., INCLUDING FLOW SWITCH & SENSORS (NOTE - CONTROLLER TO BE INTERLOCKED WITH FILTER PUMP)
DECHLORINATION SYSTEM	1 (1) CHEMTAINER 55-GAL VAT AND LID, WITH (1) SUBMERSIBLE SUMP PUMP, 1/3 - 1/2 HP, 120V SINGLE PHASE
CHECK VALVES	1 + 1 TITAN CV 41-D1 SERIES CHECK VALVE, (1) 4" & (1) 3"
ACID CARBOYS	TO BE PROVIDED BY OWNER



FILTER ROOM PLAN
SCALE: 1/2"=1'-0" A
4.0

FILTER ROOM PIPE ABBREVIATION & FITTING LEGEND:

STANDARD POOL	FITTINGS
MD = MAIN DRAIN	⓪ = VACUUM GAUGE
RT = RETURN	Ⓟ = PRESSURE GAUGE
SK = SKIMMER	Ⓣ = TEMPERATURE GAUGE
VA = VACUUM	Ⓢ = FLOW SWITCH
FW = FRESH WATER	Ⓢ = SIGHT GLASS
FR = FEATURE RETURN	Ⓣ = FLOWMETER - PLAN VIEW
FS = FEATURE SUCTION	Ⓢ = FLOWMETER - ELEVATION VIEW
BB = BUBBLERS	
BW = BEACH WASH NOZZLE	
PF = PIPE FALLS	
APU = AQUATIC PLAY UNIT	
LP = LEISURE POOL	
SP = SOCIAL POOL	

- PIPING NOTES:**
- POOL RECIRCULATION PIPING TO BE TYPE 1, SCHED. 40 PVC w/ SOLVENT WELD FITTINGS NSF APPROVED. ALL PIPING TO BE ADEQUATELY PRESSURE TESTED PRIOR TO BURIAL OR CONCEALMENT. EXPOSED POOL PIPING IN FILTER ROOM TO BE ADEQUATELY SUPPORTED AND STABILIZED WITH STANDARD PIPE HANGING DEVICES OR CUSTOM MADE AS REQUIRED.
 - FILTER PIPING TO BE COLOR CODED AND VALVES TO BE IDENTIFIED BY LAMINATED TAGS AND RELATED TO A LAMINATED OPERATION INSTRUCTION PLACARD IN THE FILTER ROOM.
 - ALL VALVES UP TO 2-1/2" IN SIZE TO BE PVC BALL VALVES. VALVES OVER 2-1/2" TO BE PVC BUTTERFLY VALVES.
 - GENERAL CONTRACTOR TO PROVIDE FILTER ROOM FINISHED IN LIGHT COLOR WITH LIGHTING & MECHANICAL EXHAUST VENTILATION AS REQUIRED BY CODE.
 - HOSE BIBB AND FLOOR DRAINAGE PROVIDED BY OTHERS.

DESIGN DATA

LEISURE POOL	
DIMENSIONS	FREE-FORMED
PERIMETER	424'-0"
SURFACE AREA - TOTAL	7,168 S.F.
- WATER SURFACE AREA	6,870 S.F.
- PLASTER AREA	5,310 S.F.
- BEACH FINISH AREA	1,695 S.F.
- DRY BEACH AREA	135 S.F.
GALLONAGE	126,120 GAL.
DEPTHS	0' TO 3'-8"
FILTER RATE	635 GPM
TURNOVER TIME	3.3 HOURS

**ATHLETIC FACILITY
CURRITUCK SOUND**
WATERLILY ROAD
COINJOCK, NC 27923

FILTER ROOM PLAN

PADDOCK
SWIMMING POOL COMPANY

15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
PHONE: (301)-424-0790 EMAIL: info@paddockpools.com

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REVISIONS:	SCALE:	JOB NO.:
	AS NOTED	LEAD-2069
	DATE:	SHT. NO.:
	12/11/2023	4.0

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DRAWN BY: JZ

PLOTTED BY: JZ

A

B

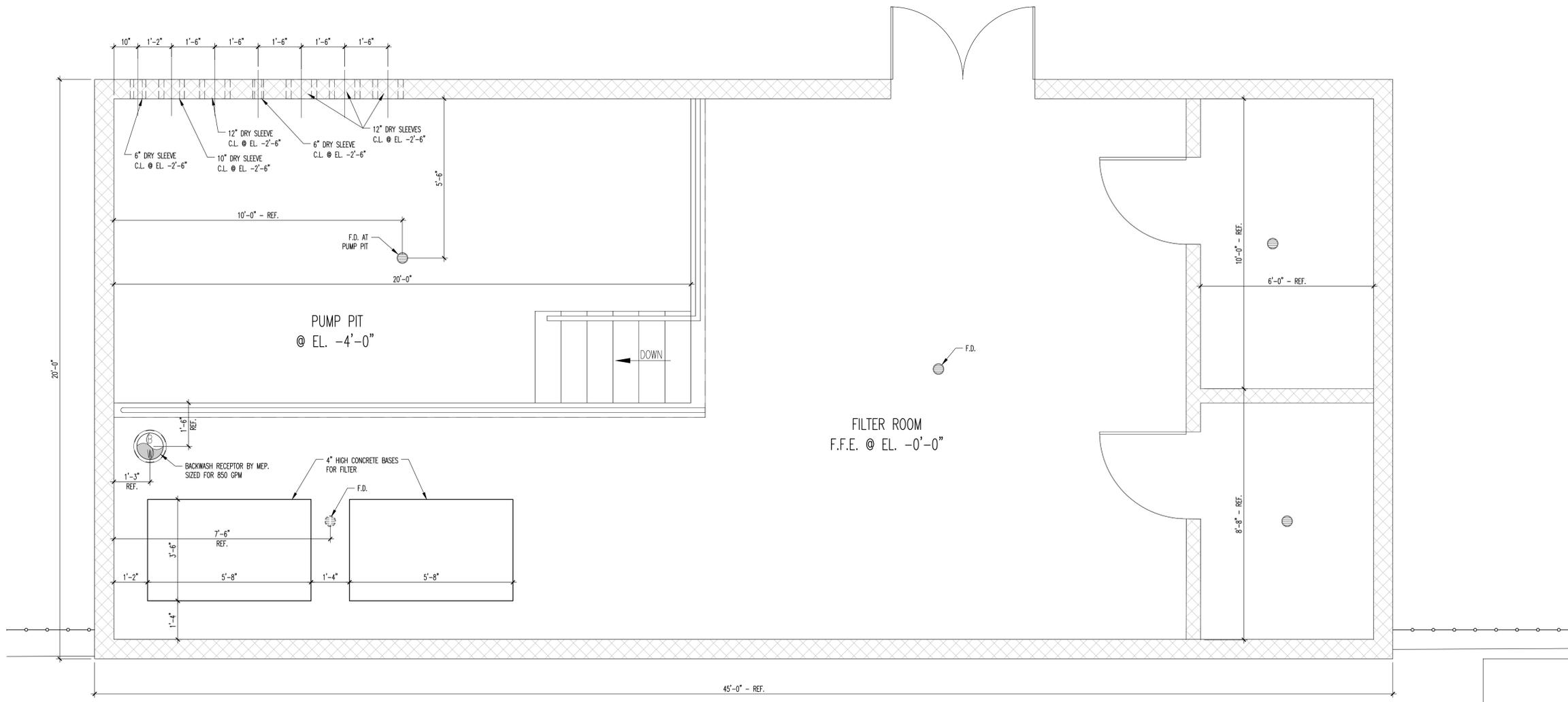
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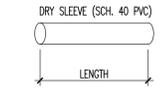
F

1 2 3 4 5 6 7 8



SLEEVE SCHEDULES FOR DRY SLEEVES

DRY PIPE SLEEVE SCHEDULE			
QTY.	SLEEVE SIZE	CUT TO LENGTH	REMARKS
2	6"	8" LONG	
1	10"	8" LONG	
4	12"	8" LONG	
--	14"	8" LONG	



FILTER ROOM SLEEVE PLAN
SCALE: 1/2"=1'-0"

A
4.1

ATHLETIC FACILITY
CURRITUCK SOUND
WATERLILY ROAD
COINJOCK, NC 27923

**FILTER ROOM
SLEEVE PLAN**



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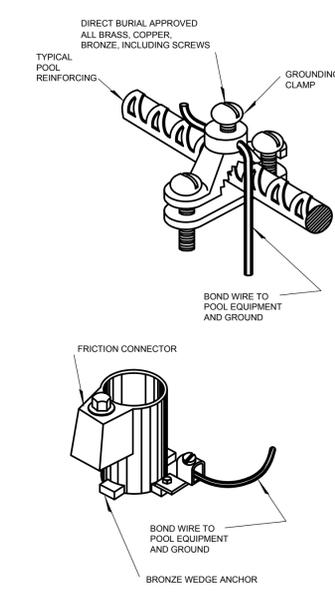
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	DATE: 12/11/2023	SHT. NO.: 4.1

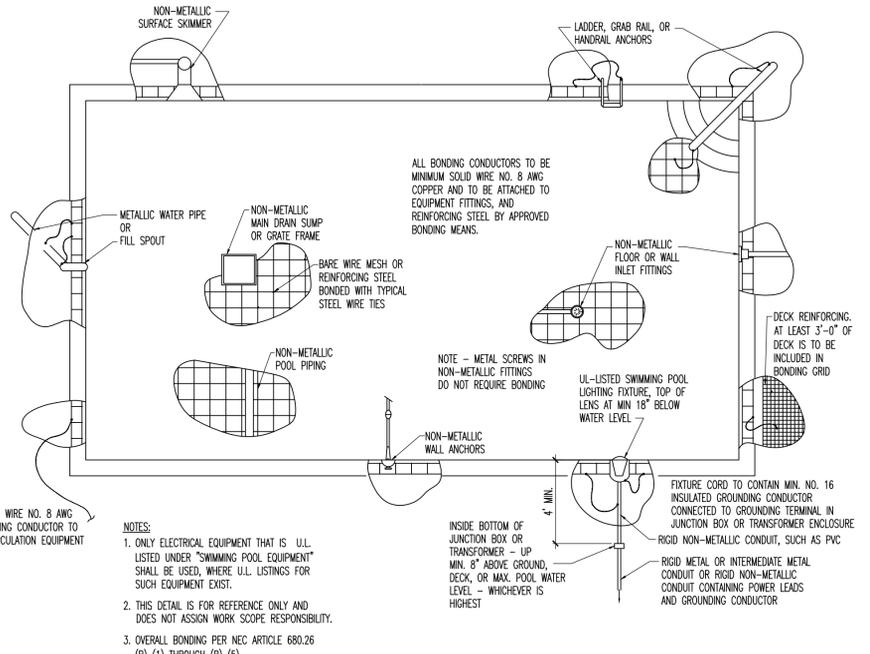
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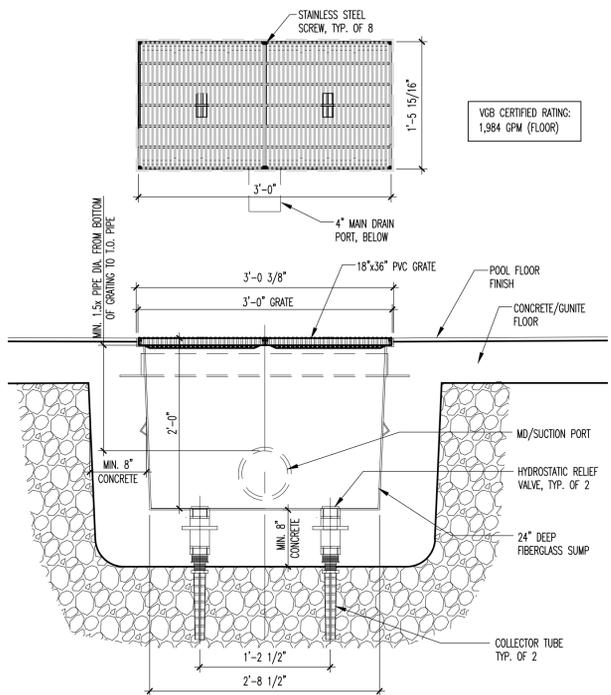
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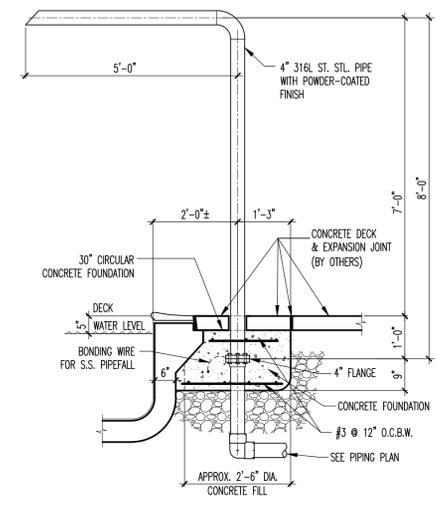
GROUNDING/CLAMPING DETAILS
N.T.S. (WORK BY OTHERS - TYPICAL) **A** 5.0



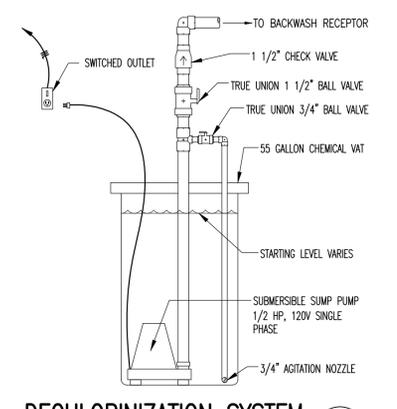
SWIMMING POOL ELECTRICAL BONDING & GROUNDING
N.T.S. (WORK BY ELEC. - TYPICAL) **B** 5.0



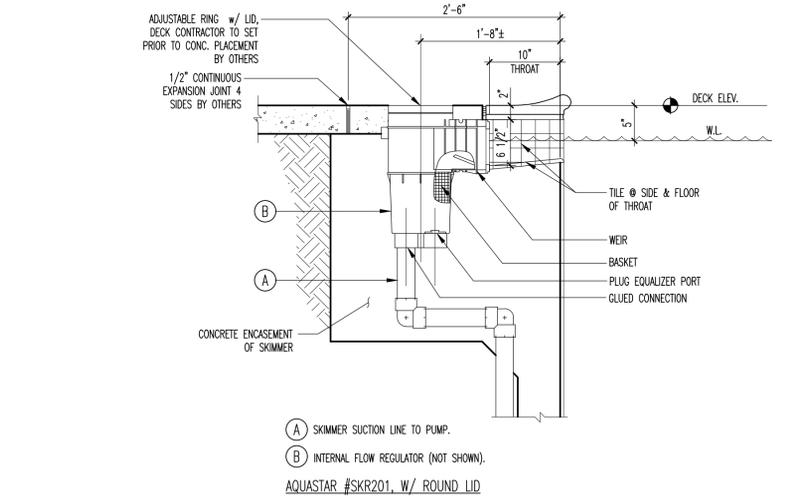
18x36 (24" DEEP) MAIN DRAIN DETAIL
SCALE: 1"=1'-0" **C** 5.0



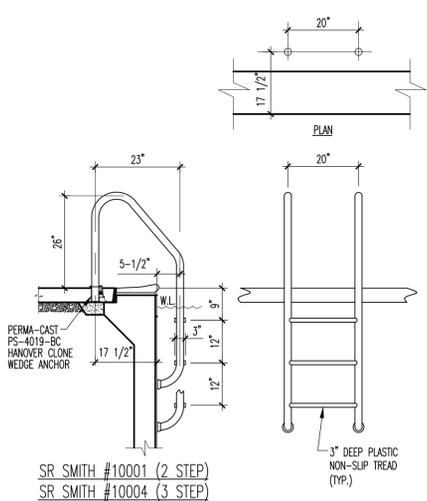
4" PIPE FALL DETAIL
SCALE: 1/2"=1'-0" **D** 5.0



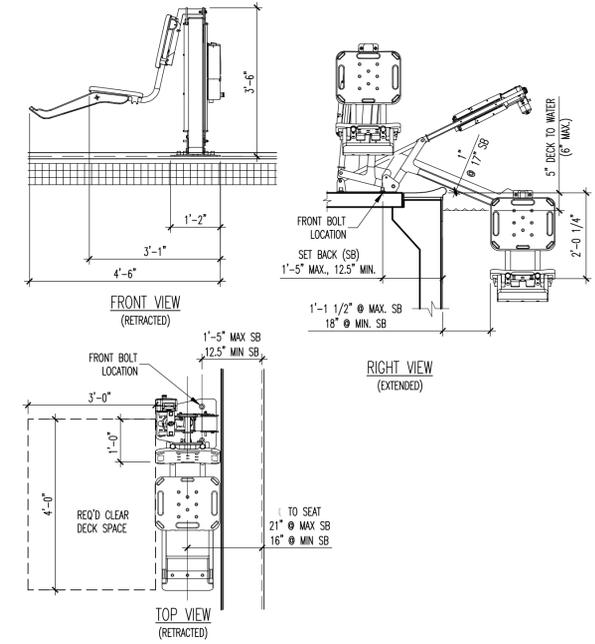
DECHLORINATION SYSTEM
SCALE: 3/4"=1'-0" **M** 5.0



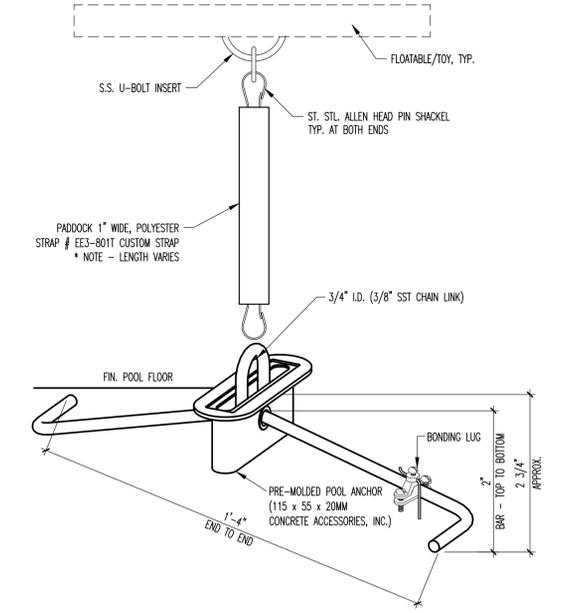
SKIMMER DETAIL
SCALE: 1"=1'-0" **E** 5.0



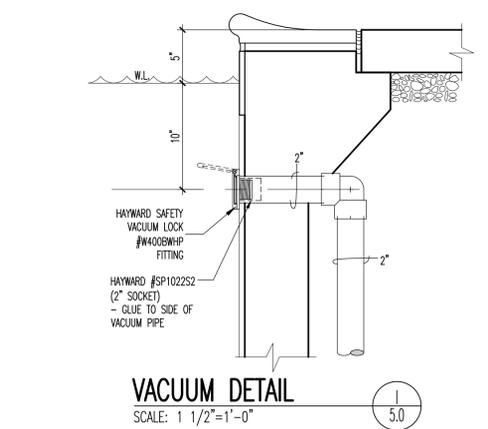
LADDER DETAIL
SCALE: 1/2"=1'-0" **F** 5.0



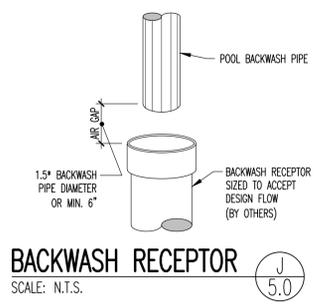
HANDICAP LIFT - S.R. SMITH #ML300
SCALE: 1/2"=1'-0" **G** 5.0



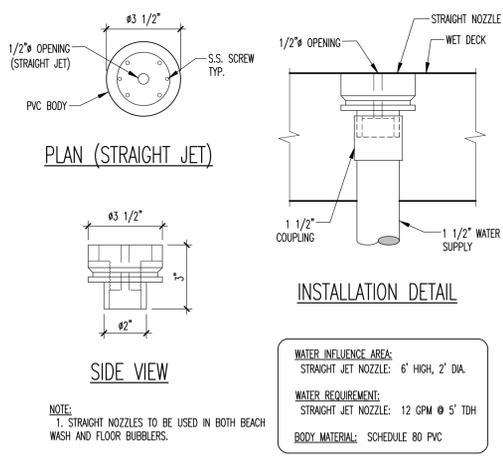
FLOATABLE ELEMENT TETHERING ASSEMBLY DETAIL
N.T.S. **H** 5.0



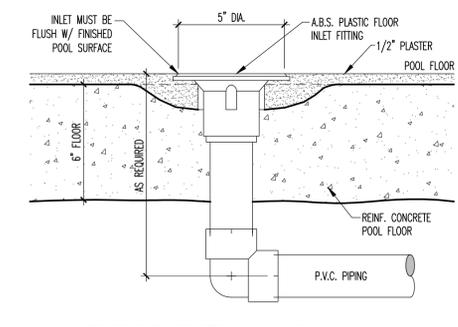
VACUUM DETAIL
SCALE: 1 1/2"=1'-0" **I** 5.0



BACKWASH RECEPTOR
SCALE: N.T.S. **J** 5.0



BEACH WASH & FLOOR BUBBLER DETAIL
SCALE: 3"=1'-0" **K** 5.0



RETURN INLET DETAIL
SCALE: 3"=1'-0" **L** 5.0

ATHLETIC FACILITY CURRITUCK SOUND
WATERLILY ROAD
COINJOCK, NC 27923

DETAILS

PADDOCK
SWIMMING POOL COMPANY

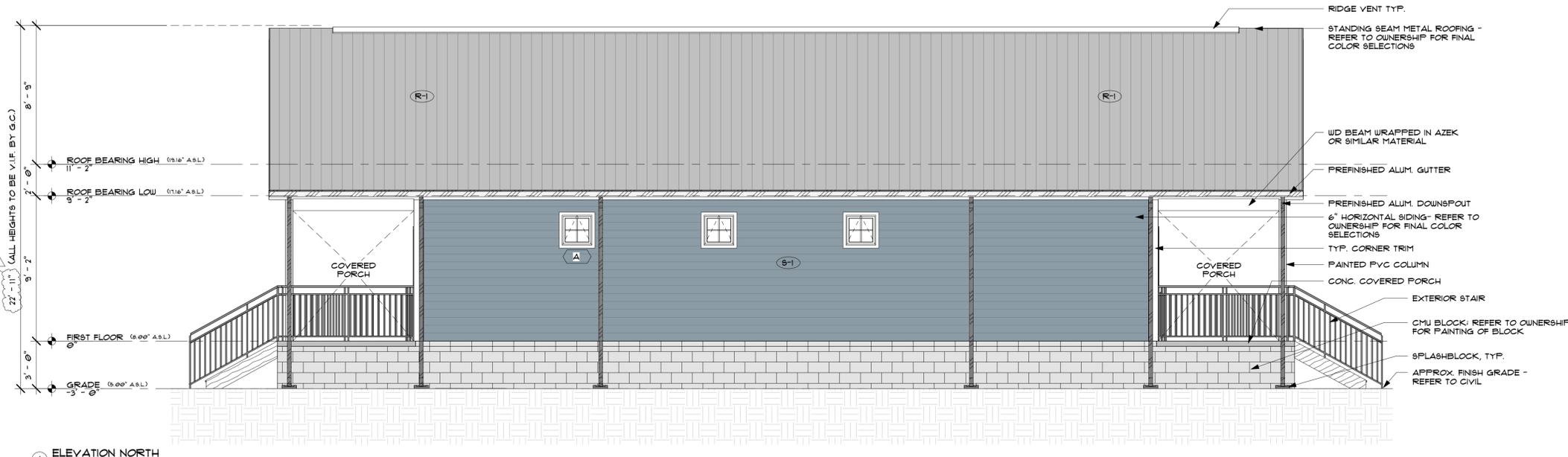
15120-C SOUTHLAWN LANE ROCKVILLE, MD. 20850
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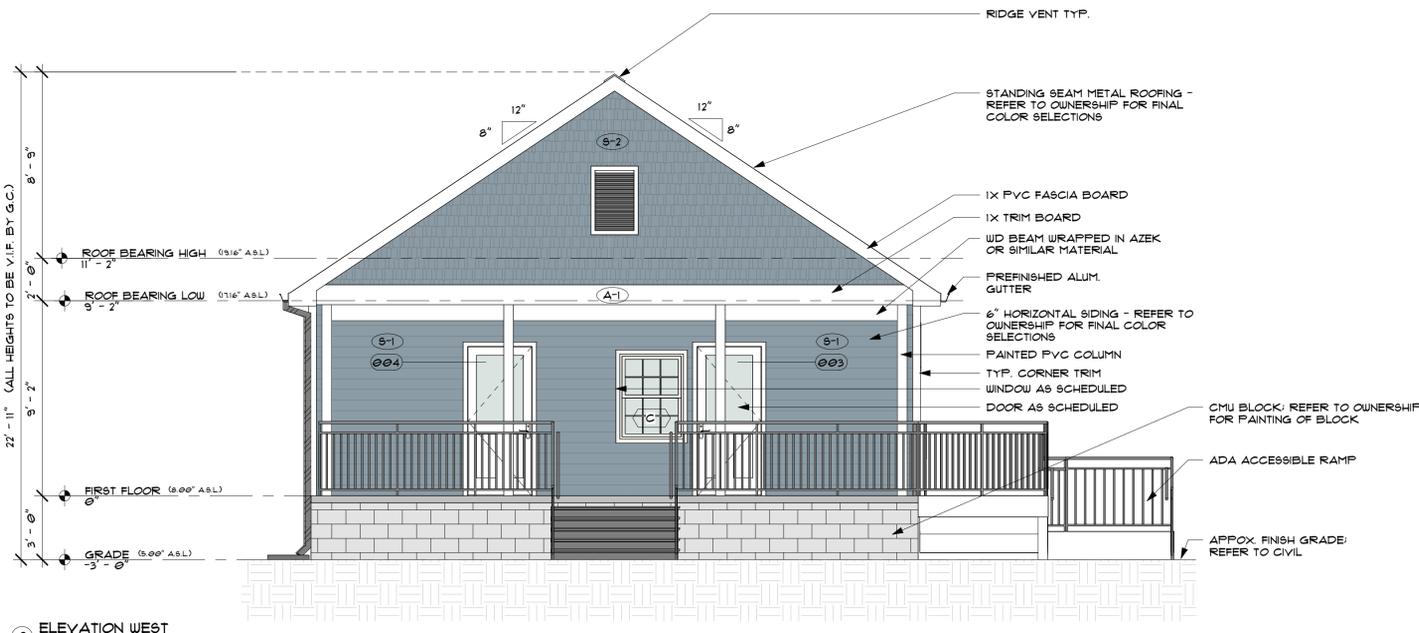
REVISIONS:	SCALE:	JOB NO.:
	AS NOTED	LEAD-2069
	DATE:	SHT. NO.:
	12/11/2023	5.0

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DRAWN BY: JZ



1 ELEVATION NORTH
1/4" = 1'-0"



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

- GENERAL NOTES
- G.C. TO VERIFY ALL EXTERIOR CONDITIONS, HEIGHT, MATERIALS AND DEFECTS. NOTIFY ARCH. IF ANY CONFLICTS OCCUR.
 - CONSULT SURVEYOR PRIOR TO SETTING EXTERIOR CANOPIES.
 - G.C. TO FAMILIARIZE THEMSELVES WITH ALL MATERIALS REQUIRED TO CREATE A FULL EXTERIOR ENVELOPE SYSTEM. ALL PENETRATIONS IN THE BUILDING EXTERIOR ARE TO BE SEALED. ALL WIRES, PIPES, FIXTURES, AND FASTENERS TO BE SEALED SO THAT NO GAPS EXIST.
 - OWNER TO PROVIDE WINDOW TINT FOR EXTERIOR WINDOWS. G.C. TO INSTALL.
 - FILL AND PAINT ALL EXPOSED NAIL AND FASTENERS THAT ARE EXPOSED IN EXTERIOR TRIM.
 - CONTRACTOR TO VERIFY THAT ALL COMPONENTS OF THE BUILDING'S THERMAL ENVELOPE ARE IN ACCORDANCE WITH THE RELEVANT ENERGY CODE REQUIREMENTS. ALL EXTERIOR SHEATHING JOINTS ARE TO BE SEALED COMPLETELY.
 - ALL MATERIALS TO BE USED ON THE BUILDING EXTERIOR TO BE SUBMITTED TO ARCHITECT/OWNER. VERIFY NECESSARY WATERPROOFING AND FLASHING FOR ALL SYSTEMS.
 - EXTERIOR MATERIAL COLOR(S) TO BE SELECTED BY ARCHITECT AND APPROVED BY OWNER PRIOR TO CONSTRUCTION.
 - ALL EXTERIOR CLADDING IS TO BE INSTALLED PER THE MANUFACTURER'S REQUIREMENTS. THE FASTENERS ARE TO MEET ALL REQUIREMENTS AND ARE NOT TO BE FASTENED ONLY TO SHEATHING. PROPER BLOCKING IS REQUIRED TO ASSURE ADEQUATE ATTACHMENT.
 - ALL CALLING AND SIMILAR SEALANTS ARE TO BE SUBMITTED TO ARCHITECT. SUBMITTAL IS TO ILLUSTRATE WHAT JOINT DEPTH RATIOS ARE TO BE USED AND WHAT PREPARATION THE ADJACENT MATERIALS ARE TO RECEIVE.
 - IECC 2015 - C402.5 AIR LEAKAGE - THERMAL ENVELOPE (MANDATORY): THE THERMAL ENVELOPE OF BUILDINGS SHALL COMPLY WITH SECTIONS 402.5.1 THROUGH 402.5.8 OR THE BUILDING THERMAL ENVELOPE SHALL BE TESTED IN ACCORDANCE WITH ASTM 3119 AT A PRESSURE DIFFERENTIAL OF 0.3 INCH WATER GAUGE (15 PA) OR AN EQUIVALENT METHOD APPROVED BY THE CODE OFFICIAL AND DEEMED TO COMPLY WITH THE PROVISIONS OF THIS SECTION WHEN THE TESTED RATE OF THE BUILDING THERMAL ENVELOPE IS NOT GREATER THAN 0.40 CMH/FT² (0.2 I/SF) WHERE COMPLIANCE IS BASED ON SUCH TESTING, THE BUILDING SHALL ALSO COMPLY WITH SECTIONS C402.5.5, C402.5.6, C402.5.7.
 - IECC - C402.5.1 AIR BARRIERS: A CONTINUOUS AIR BARRIER SHALL BE PROVIDED THROUGHOUT THE BUILDING THERMAL ENVELOPE. THE AIR BARRIERS SHALL BE PERMITTED TO BE LOCATED ON THE INSIDE OR THE OUTSIDE OF THE BUILDING ENVELOPE, LOCATED WITHIN THE ASSEMBLIES COMPOSING THE ENVELOPE, OR ANY COMBINATIONS THEREOF. THE AIR BARRIER SHALL COMPLY WITH SECTIONS C402.5.1.1 AND C402.5.1.2 EXCEPT: AIR BARRIERS ARE NOT REQUIRED IN BUILDINGS LOCATED IN CLIMATE ZONE 2B.
 - IECC - C402.5.1.1 AIR BARRIER CONSTRUCTION: THE CONTINUOUS AIR BARRIER SHALL BE CONSTRUCTED TO COMPLY WITH THE FOLLOWING:
 - THE AIR BARRIER SHALL BE CONTINUOUS FOR ALL ASSEMBLIES THAT THE THERMAL ENVELOPE OF THE BUILDING AND ACROSS THE JOINTS AND ASSEMBLIES.
 - AIR BARRIER JOINTS AND SEAMS SHALL BE SEALED, INCLUDING SEALING TRANSITIONS IN PLACES AND CHANGES OF MATERIALS. THE JOINTS AND SEALS SHALL BE SECURELY INSTALLED IN OR ON THE JOINT FOR ITS ENTIRE LENGTH SO AS NOT TO DISLODGE, LOOSEN OR OTHERWISE IMPAIR ITS ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION.
 - PENETRATIONS OF THE AIR BARRIER SHALL BE CAULKED, GASKETED OR OTHERWISE SEALED IN A MANNER COMPATIBLE WITH THE CONSTRUCTION MATERIALS AND LOCATION. JOINTS AND SEALS ASSOCIATED WITH PENETRATIONS SHALL BE SECURELY INSTALLED AROUND THE PENETRATION SO AS TO NOT DISLODGE, LOOSEN, OR OTHERWISE IMPAIR THE PENETRATIONS ABILITY TO RESIST POSITIVE AND NEGATIVE PRESSURE FROM WIND, STACK EFFECT AND MECHANICAL VENTILATION. SEALING OF CONCEALED FIRE SPRINKLERS, WHERE REQUIRED, SHALL BE IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL Voids BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS OR CEILINGS.
 - RECESSED LIGHTING FIXTURES SHALL COMPLY WITH SECTION C402.5.8. WHERE SIMILAR OBJECTS ARE INSTALLED THAT PENETRATE THE AIR BARRIER, PROVISIONS SHALL BE MADE THAT MAINTAIN THE INTEGRITY OF THE AIR BARRIER.



PROFESSIONAL CERTIFICATION:
I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A LICENSED ARCHITECT UNDER THE LAW OF THE STATE OF MARYLAND.
LICENSE NO.:
EXPIRATION NO.:
THE DOCUMENTS PREPARED BY FISHER ARCHITECTURE, LLC ARE SOLELY FOR THE PURPOSES OF THE SPECIFIED PROJECT. THEY ARE NOT EXTENDED OR AUTHORIZED FOR USE ON ANY OTHER PROJECT. FISHER ARCHITECTURE, LLC HAS NO REPRESENTATION BY FISHER ARCHITECTURE, LLC ARE INSTRUMENTS OF PROFESSIONAL SERVICE IN RESPECT OF THE PROJECT. THESE DOCUMENTS ARE AND SHALL REMAIN THE PROPERTY OF FISHER ARCHITECTURE, LLC.

CONSULTANTS:

MATERIAL SCHEDULE

S-1	6" HORIZONTAL VINYL SIDING	
S-2	VINYL CEDAR SHAKE SIDING	
A-1	AZEK TRIM: COLOR -	
R-1	STANDING SEAM MTL ROOF	
C-1	8" CONCRETE MASONRY UNIT	

OBX ATHLETIC FACILITY -
BATHHOUSE

SHEET INFO:

ELEVATIONS

2	10.25.2022	Owner Revisions
1	10.16.2020	Permit Submission
REV	REV DATE	DESCRIPTION
DATE:	2022.12.11	
PROJECT NO.	2023106	
SCALE:	1/4" = 1'-0"	
FROM MOB:	C. Harrigan	
DRAWN BY:	T. B.	
SHEET NUMBER:		

BI-201

