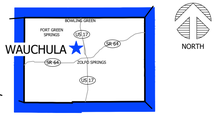
HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

LOCATION

Section 08, Township 34S, Range 25E
770 RECREATION COMPLEX DR., WAUCHULA
HARDEE COUNTY, FLORIDA
A PORTION OF PARCEL 08-34-25-0000-03760-0000

FLORIDA



HARDEE COUNTY

VICINITY MAP

UTILITY SERVICE PROVIDERS:

WATER & WASTEWATER
CITY OF WAUCHULA
KYLE LONG
126 S 7TH AVE
WAUCHULA, FL 33873
PHONE: (863) 381-6753

FIBER / TELEPHONE
CENTURYLINK
BILL MCCLOUD
1325 BLAIRSTONE RD RM 113
TALLAHASSEE, FL 32301
PHONE: (850) 815-3144

ELECTRIC
PEACE RIVER ELECTRIC COOPERATIVE, INC.
PAUL ROBERTS
P.O. BOX 1310
WAUCHULA, FL 33873
PHONE: (863) 767-4650

CATV
COMCAST
CHAD EVENER
12600 WESTLINKS DR
FORT MYERS, FL 33913
PHONE: (941) 356-1564

NATURAL GAS
TECO PEOPLES GAS - HARDEE
BRIANA VELEZ
8416 PALM RIVER RD
TAMPA, FL 33619
PHONE: (813) 275-3700 EXT: 8326

CONSTRUCTION MATERIALS QUALITY AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH HARDEE COUNTY AND FDOT SPECIFICATIONS AND STANDARDS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

811 Know what's below. Call before you dig.

SHEET INDEX

#	SHEET TITLE	REV #	REV DATE
C100	COVER SHEET	--	--
C101	NOTES & SPECIFICATIONS	--	--
C200	DEMOLITION & SWPP PLAN	--	--
C300	SITE PLAN	--	--
C400	GRADING & DRAINAGE PLAN	--	--
C401	GRADING PLAN	--	--
C402	DRAINAGE PLAN	--	--
~~C500~~	~~UTILITY PLAN~~	~~--~~	~~--~~
C600	CROSS SECTION	--	--
C700	SITE & DRAINAGE DETAILS	--	--
~~C701~~	~~UTILITY DETAILS~~	~~--~~	~~--~~

SUBMITTAL HISTORY

No.	DATE	DESCRIPTION
1	12/08/2025	1st SUBMITTAL TO SWFWMD
2	01/21/2026	2nd SUBMITTAL TO SWFWMD

REVISION HISTORY

No.	DATE	DESCRIPTION

Santos Medina III
Digitally signed by Santos Medina III
Date: 2026.01.21 11:12:58 -05'00'

REVISION BLOCK

NO.	DATE	DESCRIPTION

SANTOS MEDINA, III, P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. 74539
No. 74539 STATE OF FLORIDA PROFESSIONAL ENGINEER
01/21/2026
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY: SM
DRAWN BY: DH
CHECKED BY: SM

This item has been digitally signed and sealed by SANTOS MEDINA, III, P.E. on the date adjacent to the seal. Signature and/or certified copies without an embossed seal are not valid.

SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY # 26247

CLIENT: JP WISEMAN CONSTRUCTION, LLC
PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

COVER SHEET
770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C100

PREPARED FOR

WISEMAN CONSTRUCTION

JP WISEMAN CONSTRUCTION, LLC
6311 ATRIUM DRIVE, SUITE 103
LAKEWOOD RANCH, FLORIDA 34202
PHONE: (941) 441-7090

PROJECT SURVEYOR

BASEPOINT SURVEYING, INC.

BASEPOINT SURVEYING INC., LB 8112
150 South Woodlawn Avenue, Bartow, FL 33830
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CIVIL ENGINEER

SLOAN Engineering Group

SLOAN ENGINEERING GROUP
150 SOUTH WOODLAWN AVENUE,
BARTOW, FL 33830
PHONE: (863) 800-3046
FLORIDA CERTIFICATE OF AUTHORIZATION (FLCA) #26247

OWNER

Hardee County FLORIDA

HARDEE COUNTY BOCC
412 WEST ORANGE STREET, SUITE 103
WAUCHULA, FLORIDA 33873
PHONE: (863) 773-9430

PROJECT ARCHITECT

FAWLEY BRYANT ARCHITECTURE

FAWLEY BRYANT ARCHITECTURE
5391 LAKEWOOD RANCH BLVD. NORTH, SUITE 300
SARASOTA, FLORIDA 34240
PHONE: (941) 343-4070

ASBUILT/RECORD DRAWING NOTES FOR CONTRACTOR

ALL ASBUILT/RECORD DRAWING INFORMATION SHALL BE PROVIDED FROM A LICENSED PROFESSIONAL LAND SURVEYOR IN BOTH HARD COPY SIGNED & SEALED PRINTS AND DIGITAL FORMAT. ALL DATA SHALL BE ON THE SAME BENCHMARK AS THE DESIGN PLANS AND IN THE STATE PLANE COORDINATE SYSTEM. DIGITAL COPIES OF THE CONSTRUCTION PLANS WILL BE PROVIDED FOR A BASIS OF THE ASBUILT/RECORD DRAWINGS. THE FOLLOWING IS A LIST OF ITEMS TO BE PROVIDED TO THE ENGINEER FOR REVIEW BEFORE FINAL CERTIFICATIONS CAN BE ISSUED. THIS LIST, WHILE EXHAUSTIVE, IS NOT MEANT TO BE ALL-INCLUSIVE. PLEASE USE IT AS A GUIDELINE FOR MINIMUM STANDARDS. ALL DATA PROVIDED SHALL ALSO MEET MINIMUM STANDARDS OF THE UTILITY COMPANY, WATER MANAGEMENT DISTRICT, AND LOCAL GOVERNMENT AS APPLICABLE.

GENERAL:

1. AUTOCAD POINTS WITH DESCRIPTIONS TO BE PROVIDED ON A LOGICAL LAYERING SYSTEM.
2. ALL ITEMS IDENTIFIED ON THE SITE PLAN SHOULD BE SHOWN ON THE ASBUILT/RECORD DRAWING UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THIS INCLUDES ITEMS SUCH AS LIGHT POLES, BIKE RACKS, CURBING, SIDEWALKS, FENCING, UTILITY PADS, ETC.
3. VERTICAL AND HORIZONTAL SEPARATION BETWEEN MAINS SHALL BE DIMENSIONED ON THE ASBUILT/RECORD DRAWING. AT A MINIMUM, SEPARATION DIMENSIONS SHALL BE ADDED IN LOCATIONS WHERE IDENTIFIED ON THE CONSTRUCTION PLANS TO SHOW THE ITEMS WERE CONSTRUCTED PER APPLICABLE STANDARDS.
4. ANY CONFLICT SEPARATIONS LESS THAN THOSE ALLOWABLE ARE TO BE SPECIFICALLY NOTED AND DIMENSIONED.

UTILITIES:

1. SHOW HORIZONTAL AND VERTICAL LOCATION OF ALL UNDERGROUND AND ABOVE GROUND POTABLE WATER, RECLAIM WATER, AND WASTEWATER PIPING AND RELATED APPURTENANCES. THIS INCLUDES BENDS, VALVES, HYDRANTS, BLOW-OFFS, MANHOLES, CLEANOUTS, SERVICES, ETC AS SHOWN ON THE CONSTRUCTION PLANS.
2. IDENTIFY INSTALLED STRUCTURES, PIPE MATERIAL, SIZE, AND SLOPE (IF GRAVITY PIPE). ASBUILT DATA SHOULD BE PROVIDED ADJACENT TO DESIGN DATA AND IN THE SAME FORMAT AS THE DESIGN.
3. TOP OF PRESSURE PIPE TO BE SHOWN AT INTERVALS NOT TO EXCEED 100 FEET.
4. ASBUILT/RECORD DRAWING LIFT STATION DATA TO BE PROVIDED AT ALL ELEVATIONS AND DIMENSIONS SHOWN ON THE DESIGN PLANS.
5. LABEL SAMPLE POINT LOCATIONS.
6. ALL VERTICAL CONFLICTS BETWEEN UTILITIES OF DIFFERENT TYPES SHALL BE SHOWN.

DRAINAGE & GRADING:

1. CONTROL STRUCTURE DATA INCLUDING ELEVATIONS, DIMENSIONS, AND PIPE SIZE/INVERT SHOWN ON THE CONTROL STRUCTURE DETAIL.
2. POND AND SWALE TOP AND TOE OF SLOPE ELEVATIONS AT INTERVALS NOT TO EXCEED 100 FEET OR CHANGE IN DIRECTION. VISIBLY LOW OR HIGH AREAS SHOULD ALSO BE DETAILED. SUFFICIENT SPOT GRADES SHOULD BE PROVIDED SO THAT THE POND OR SWALE CAN BE RECREATED DIGITALLY AS IT IS CONSTRUCTED FOR THE ENGINEER TO DETERMINE COMPLIANCE WITH THE DESIGN.
3. DRAINAGE STRUCTURE AND PIPE ASBUILT DATA SHOULD BE PROVIDED ADJACENT TO DESIGN DATA AND IN THE SAME FORMAT AS THE DESIGN.
4. SUFFICIENT LOT GRADES TO DEMONSTRATE LOTS DRAIN IN ACCORDANCE WITH THE DESIGN. MINIMUM SPOT GRADE AT EACH LOT CORNER FOR TYPE A OR TYPE C LOTS AND AN ADDITIONAL MID-LOT LINE GRADE FOR TYPE B LOTS. ASBUILT PAD GRADING IS NOT REQUIRED FOR RESIDENTIAL DEVELOPMENTS UNLESS DESIRED BY THE OWNER.
5. SUFFICIENT PAVEMENT GRADES, TYPICALLY AT INTERVALS NOT TO EXCEED 100 FEET OR CHANGE IN DIRECTION OR SLOPE.

LAND DEVELOPMENT STANDARD NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF AHJ LAND DEVELOPMENT CODE AND UTILITIES CODE, AS APPLICABLE.
2. CHANGES FROM PLANS OR SPECIFICATIONS SUBSTANTIALLY AFFECTING CONFORMANCE TO STANDARDS OR PERFORMANCE OF SYSTEMS MUST BE SUBMITTED IN A WRITTEN REQUEST BY THE ENGINEER OF RECORD AND RECEIVE WRITTEN APPROVAL BY THE AJH ENGINEER PRIOR TO THE IMPLEMENTATION OF SUCH CHANGES, UNLESS OTHERWISE PROVIDED FOR IN THE LAND DEVELOPMENT CODE OR UTILITIES CODE. MAJOR MODIFICATIONS MAY REQUIRE REVIEW AND APPROVAL BY THE DEVELOPMENT REVIEW COMMITTEE.
3. THE CONTRACTOR SHALL NOTIFY INSPECTIONS STAFF AT LEAST FIVE (5) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND PRIOR TO ANY ACTIVITY REQUIRING INSPECTION, INCLUDING SITE PAVING.
4. TO SCHEDULE THE REQUIRED PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL CONTACT LAND DEVELOPMENT DIVISION.
5. AT THE COMPLETION OF CONSTRUCTION, AND PRIOR TO BENEFICIAL USE OF ANY FACILITY OR SYSTEM, AS-BUILT RECORD DRAWINGS SHALL BE SUBMITTED AND APPROVED IN ACCORDANCE WITH THE APPLICABLE UTILITIES CODE AND LAND DEVELOPMENT CODE.
6. MOT FOR THE PROJECT WILL BE IN ACCORDANCE WITH THE CURRENT FDOT TRAFFIC CONTROL REQUIREMENTS THROUGH WORK ZONES, SECTION 600, OF THE FDOT DESIGN STANDARDS. CONTRACTOR TO PROVIDE ADDITIONAL MOT PLAN IF THE CONSTRUCTION WORK CANNOT ADHERE TO TYPICAL FDOT MOT STANDARDS.

DATUM

1. UNLESS OTHERWISE NOTED, ELEVATIONS AND BENCHMARKS ARE BASED ON NGS BENCHMARK 'L650', HAVING A PID OF 'DJ6158', BEING A BRASS DISK IN A CONCRETE MONUMENT, HAVING AN ELEVATION OF 111.87 NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
2. UNLESS OTHERWISE NOTED, ELEVATIONS IN THIS PLAN SET ARE BASED ON NAVD 88 DATUM.

DRAINAGE STRUCTURES

1. ALL DRAINAGE STRUCTURE SHALL CONFORM TO THE LATEST FDOT STANDARD PLANS UNLESS OTHERWISE NOTED.
2. GRATE ELEVATIONS FOR ALL DITCH BOTTOM INLETS REFER TO THE FLOW LINE OF PAVEMENT.

SEQUENCE OF ACTIVITIES

1. INSTALL SILT BARRIERS & TREE BARRICADES AS SHOWN ON PLANS AS APPLICABLE.
2. ROUGH GRADE THE STORMWATER POND AS WELL AS TEMPORARY SWALES TO FORCE DELIVERY OF RUNOFF TO THE POND. THE POND WILL ACT AS A SEDIMENTATION BASIN.
3. STABILIZE CLEARED AREAS WITHIN 7 DAYS OF LAST DISTURBANCE IF RUNOFF IS NOT CAPTURED BY THE STORMWATER POND.
4. INSTALL STORM SEWER CONVEYANCE SYSTEMS, UTILITIES, AND BUILDINGS.
5. CONSTRUCT SIDEWALKS.
6. COMPLETE GRADING AND INSTALL PERMANENT SODDING OR OTHER PERMANENT STABILIZATION FEATURES.
7. WHEN ALL CONSTRUCTION IS COMPLETE, STABILIZE ANY REMAINING DISTURBED AREAS.
8. REMOVE INSTALLED SILT BARRIERS AFTER ALL DISTURBED AREAS ARE STABILIZED.

PAVING OPERATION NOTES

1. BEFORE PAVING OPERATIONS BEGIN, THE ENGINEER SHALL BE PROVIDED WITH ALL DENSITY TESTING INCLUDING PIPE BACKFILL, SUBGRADE, AND ROAD BASE. TESTING SHALL BE PROVIDED BEFORE ANY PREPAVING MEETINGS ARE SCHEDULED.
2. ASPHALT MIX DESIGNS MUST BE PROVIDED TO THE ENGINEER FOR APPROVAL PRIOR TO PAVING. MIXES MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER OR SUPPLIED BY AN APPROVED FDOT PLANT.
3. ANY DEVIATIONS IN ASPHALT TYPE, LIFT THICKNESS, OR COMPACTION MUST BE PRESENTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION. DEVIATIONS MAY REQUIRE APPROVAL BY THE AHJ.
4. TESTS FOR IN-PLACE DENSITY AND LAYER THICKNESS, FOR EACH COURSE, SHALL BE CONDUCTED AT A FREQUENCY OF ONE TEST PER 300 LINEAR FEET OF ROADWAY (MINIMUM 3 TESTS PER ROAD).
5. 6" PAVEMENT CORES ARE TO BE TAKEN AT A MINIMUM FREQUENCY OF 3 CORE PER 500 TONS OF ASPHALT. DENSITY, THICKNESS, AND GRADATION REPORT IS TO BE PROVIDED FOR ASPHALT, BASE, AND SUBGRADE. MINIMUM ASPHALT DENSITY SHALL BE 89% GMM, WITH A MINIMUM AVERAGE BETWEEN 3 CORES OF 92% GMM.
6. MINIMUM LIFT THICKNESS SHALL CONFORM TO FDOT SPECIFICATIONS 334-1.4.1.
7. WHEN THE DEFICIENCY IN THICKNESS IS IN EXCESS OF THE MINIMUM THICKNESS REQUIRED ON APPROVED PLANS, LESS THE ALLOWABLE CONSTRUCTION TOLERANCE, THE CONTRACTOR SHALL CORRECT THE DEFICIENCY EITHER BY REPLACING THE FULL THICKNESS FOR A LENGTH EXTENDING AT LEAST 50 FEET FROM EACH END OF THE DEFICIENT AREA, OR WHEN PERMITTED BY THE COUNTY ENGINEER BY OVERLAYING THE ENTIRE WIDTH OF THE AREA. NORMALLY AN OVERLAY WILL NOT BE PERMITTED IN A CONCRETE CURB SECTION.
8. ASPHALT SHALL BE UNIFORM IN TEXTURE AND SLOPE TO THE GREATEST EXTEND POSSIBLE. AREAS OF POOR GRADATION SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
9. TESTS FOR SUBGRADE STABILIZATION SHALL BE LOCATED NO MORE THAN 400 FEET APART (FOR ROADWAYS) OR EVERY 8,000 SF (FOR PARKING LOTS) AND SHALL BE STAGGERED TO THE LEFT, RIGHT, AND ON THE CENTERLINE OF THE ROAD.

STORMWATER POLLUTION PREVENTION NOTES

A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IS REQUIRED BEFORE ANY EARTHMOVING ACTIVITIES COMMENCE. THE CONTRACTOR OR THEIR ASSIGNS SHALL BE THE RESPONSIBLE AUTHORITY FOR IMPLEMENTING THE SWPP. EACH PERSON MUST SIGN A CERTIFICATION TO CERTIFY THAT THEY UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORM WATER POLLUTION PREVENTION PLAN.

GENERAL POLLUTION CONTROL NOTES

1. PRIOR TO ANY CLEARING OR CONSTRUCTION COMMENCEMENT, SILT FENCES SHALL BE INSTALLED IN THE AREAS DESIGNATED ON THIS PLAN. THOSE AREAS DESIGNATED TO BE REINFORCED SHALL HAVE INSTALLED A SECOND ROW OF SILT FENCE. THE SILT FENCE SHALL BE TRENCHED IN 4 INCHES DEEP AND BACKFILLED ON THE UPHILL SIDE.
2. AFTER SILT FENCES ARE INSTALLED, A ROCK CONSTRUCTION ENTRANCE 50 FEET LONG AND 10 FEET WIDE WITH 6 INCH DEEP FDOT #57 STONE LINED WITH FILTER FABRIC SHALL BE CONSTRUCTED AT EACH CONSTRUCTION ENTRANCE SHOWN ON THIS PLAN.
3. ALL CONSTRUCTION MATERIALS AND DEBRIS WILL BE PLACED IN A DUMPSTER AND HAULED OFF SITE TO A LANDFILL OR OTHER PROPER DISPOSAL SITE. THE DUMPSTER SHALL BE LOCATED IN DESIGNATED LOCATION SHOWN ON THIS PLAN.
4. DUST SHALL BE CONTROLLED WITH THE USE OF WATER IF NECESSARY.
5. ALL TOXIC MATERIALS USED IN CONSTRUCTION SHALL BE KEPT IN A COVERED SHED AS SHOWN IN DESIGNATED LOCATION SHOWN ON THIS PLAN.
6. A DOUBLE WALL FUEL TANK WILL BE PLACED ON A DRIP PAN TO CONTAIN AND PREVENT ANY FUEL LEAKS FROM BEING DISCHARGED IN STORM WATER RUNOFF.
7. PORT-O-LETS SHALL BE PLACED IN AREAS DESIGNATED ON THIS SITE PLAN.
8. NO VEHICLE MAINTENANCE WILL BE ALLOWED ON SITE.
9. A WASHDOWN SITE SHALL BE PLACED IN THE AREAS DESIGNATED. A SMALL VEGETATIVE BERM SHALL BE PLACED AROUND THE WASH DOWN AREA.
10. FILTER SOCKS SHALL BE PLACED AT THE ENTRANCE TO ALL EXISTING INLETS TO PREVENT THE STORM SEWER SYSTEM FROM DISCHARING SEDIMENTS INTO THE RETENTION PONDS.
11. CONTRACTOR TO DEMO TREES AS REQUIRED TO ACCOMMODATE PROPOSED SITE DESIGN(REMOVE ROOT BASE OF ALL EXISTING TREES TO BE DEMOLISHED).
12. ALL CLEARED TREES AND VEGETATION SHALL BE BURNED ONSITE AFTER CONTRACTOR OBTAINS A BURN PERMIT. IF BURNING IS PROHIBITED, TREES TO BE HAULED AWAY.
13. SEDIMENTS MAY NOT BE ALLOWED TO ACCUMULATE MORE THAN HALF THE HEIGHT OF THE SILT FENCE. SEDIMENTS MUST BE PROPERLY DISPOSED OF. AFTER REMOVAL OF SILT FENCES, ALL DISTURBED AREAS SHALL BE GRASSED & MULCHED.
14. PONDS & BASIN CONTROL SHALL BE THE FIRST ITEMS CONSTRUCTED. SIDE SLOPES SHOULD BE IMMEDIATELY SODDED UPON COMPLETION.
15. OUTLETS OF ALL PIPES SHALL BE INSPECTED REGULARLY AND ANY BLOCKAGES REMOVED. ALL FLOW MUST BE MAINTAINED WITH ANY FENCING CONSTRUCTED TO ALLOW FLOW THROUGH OR UNDER THE FENCE.
16. DEWATERING MAY BE REQUIRED FOR INSTALLATION OF UTILITIES, STORM SEWER, OR PAVEMENT. THE DURATION IS DEPENDANT ON THE SCHEDULE OF CONSTRUCTION. THE DEWATERING DISCHARGE WILL BE CONTAINED WITHIN A SETTLING AREA INSIDE THE NEAREST STORMWATER POND. THE SETTLING AREAS WILL BE SURROUNDED WITH TURBIDITY BARRIERS IN ACCORDANCE WITH FDOT INDEX 102 & 103. AFTER DEWATERING WORK HAS BEEN COMPLETED, THE SETTLING AREAS WILL BE EXCAVATED AND/OR RESHAPED TO FINALIZE THE PONDS. DEWATERING STRUCTURES SHALL REMAIN IN PLACE UNTIL TRENCHING HAS BEEN COMPLETED. ALL DISCHARGE SHALL BE CONTAINED WITHIN THE PROJECT AREA AS DESCRIBED. NO GROUNDWATER SHALL BE PUMPED DIRECTLY OFFSITE
17. DURING CLEARING AND GRUBBING AND SITE GRADING STAGES, AREAS THAT ARE DISTURBED AND INACTIVE FOR MORE THAN 7 DAYS SHALL BE STABILIZED WITH RYE GRASS APPLIED AT MANUFACTURERS RECOMMENDATIONS. AFTER SEEDING EACH AREA SHALL BE MULCHED WITH 4000 POUNDS OF STRAW PER ACRE.

MAINTENANCE PLAN DURING CONSTRUCTION

1. SILT FENCE REPAIRS SHALL BE MADE IMMEDIATELY.
2. MAINTENANCE SHALL BE PERFORMED ON THE CONSTRUCTION ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT.
3. MULCH AND SOD THAT HAS WASHED OUT SHALL BE REPLACED IMMEDIATELY. ALL OTHER AREAS ARE TO BE SEEDED UNTIL VEGETATION IS ESTABLISHED.
4. ANY WASH OUTS GOING INTO RETENTION PONDS SHALL BE CORRECTED BY INSTALLING A TEMPORARY BERM UPHILL AND ADJACENT TO THE RETENTION POND. ONE SECTION OF 12 INCH PVC PIPE SHALL BE INSTALLED AT THE UPHILL TOE OF BERM AND THROUGH THE BERM INTO THE RETENTION POND. PIPE AND BERM SHALL BE REMOVED WHEN SURROUNDING GROUND IS PERMANENTLY STABILIZED.
5. INSPECTIONS SHALL BE PERFORMED AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A RAIN EVENT THAT IS 0.5 INCHES OR GREATER
6. THE INSPECTOR SHALL INSPECT ALL POINTS OF DISCHARGE, ALL DISTURBED AREAS OF CONSTRUCTION THAT HAVE NOT BEEN STABILIZED, AREAS WHERE VEHICLES ENTER AND EXIT THE SITE, AND SEDIMENT CONTROL STRUCTURES.
7. THE INSPECTOR SHALL FURNISH A STORM WATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM IN THE FORMAT DESCRIBED IN THE "SAMPLE COPY OF THE STORM WATER POLLUTION PREVENTION PLAN" AS OUTLINED ON THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WEBSITE.

MAINTENANCE PLAN AFTER CONSTRUCTION

THE STORMWATER FACILITY MUST BE MAINTAINED CORRECTLY IF IT IS TO PERFORM IN THE MANNER IT WAS DESIGNED. THE STATEMENTS BELOW ARE INTENDED TO BE A GUIDE TO THE CORRECT WAYS TO MAINTAIN THIS FACILITY. THIS IS ONLY A GUIDE AND SHOULD BE REVISED AS FIELD CONDITIONS REQUIRE. THE MAINTENANCE ENTITY SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE. FACILITIES SHALL BE INSPECTED BY A PROFESSIONAL ENGINEER AT INTERVALS OUTLINED IN THE ENVIRONMENTAL RESOURCE PERMIT.

1. ALL STORMWATER PIPES, INLETS, CATCH BASINS, MANHOLES, FLUMES, POND INFLOW AND OUTFALL STRUCTURES (INCLUDING OIL SKIMMERS), AND DISCHARGE PIPES SHOULD BE INSPECTED ON A REGULAR BASIS (MONTHLY OR QUARTERLY) AND AFTER MAJOR RAINFALLS. THEY SHOULD BE MAINTAINED BY REMOVING BUILT- UP DEBRIS AND VEGETATION AND REPAIRING DETERIORATING STRUCTURES.
2. MOW GRASS (WEEKLY DURING THE SUMMER MONTHS AND BI-WEEKLY DURING THE REMAINDER OF THE YEAR) WITHIN THE STORMWATER RETENTION AREAS. GRASS CLIPPINGS SHALL BE COLLECTED AND PROPERLY DISPOSED OF.
3. CHEMICALS, OILS, GREASES OR SIMILAR WASTES ARE NOT TO BE DISPOSED OF DIRECTLY TO THE STORMWATER FACILITY OR THROUGH STORM SEWERS. TREATMENT PONDS ARE DESIGNED TO TREAT NORMAL ROAD, PARKING LOT, ROOF AND YARD RUNOFF ONLY. SOME CHEMICALS MAY INTERFERE WITH A TREATMENT POND'S FUNCTIONS OR KILL VEGETATION AND WILDLIFE. DISPOSE OF THESE POTENTIALLY DANGEROUS MATERIALS PROPERLY BY TAKING THEM TO RECYCLING FACILITIES OR TO COLLECTION LOCATIONS SPONSORED BY MANY LOCAL GOVERNMENTS. ALSO, DO NOT DISPOSE OF GRASS CLIPPINGS IN A SWMS. GRASS CLIPPINGS POSE PROBLEMS BY SMOTHERING DESIRABLE VEGETATION, CLOGGING OUTFALL STRUCTURES AND, WHEN THEY DECOMPOSE, MAY CAUSE UNSIGHTLY ALGAE BLOOMS THAT CAN KILL FISH.
4. ACCUMULATED POND SEDIMENTS MAY CONTAIN HEAVY METALS SUCH AS LEAD, CADMIUM AND MERCURY, AS WELL AS OTHER POTENTIALLY HAZARDOUS MATERIALS. THEREFORE, SEDIMENTS REMOVED FROM STORM SEWERS, INLETS, PIPES AND PONDS SHOULD BE DISPOSED OF AT AN APPROVED FACILITY (CHECK WITH YOUR COUNTY SOLID WASTE DEPARTMENT OR THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR DISPOSAL FACILITIES APPROVED TO ACCEPT TREATMENT POND SEDIMENT).
5. DURING ANY REPAIR OR MAINTENANCE ACTIVITY, USE CARE TO AVOID CAUSING EROSION OR SILTATION TRANSFER TO ADJACENT OR OFF-SITE AREAS.
6. ALTERATIONS (FILLING, ENLARGING, ETC.) OF ANY PART OF THE STORMWATER FACILITY IS NOT PERMITTED WITHOUT PRIOR APPROVAL FROM ALL APPLICABLE GOVERNING AGENCIES.
7. THE APPROVED OPERATION AND MAINTENANCE PERMIT AND AS-BUILT DRAWINGS ARE AVAILABLE AT YOUR LOCAL WATER MANAGEMENT DISTRICT SERVICE OFFICE OR FROM THE PERMITTING AGENCY HAVING JURISDICTION. REFER TO THOSE PLANS AND PERMITS FOR ADDITIONAL RESTRICTIONS, INSTRUCTIONS AND CONDITIONS.
8. IT IS USUALLY MORE COST-EFFECTIVE TO MONITOR AND PERFORM ROUTINE MAINTENANCE ON A STORMWATER MANAGEMENT SYSTEM, RATHER THAN LET IT FAIL AND HAVE TO RECONSTRUCT THE ENTIRE SYSTEM.
9. MOSQUITO GROWTH CAN BE MINIMIZED IN A STORMWATER MANAGEMENT SYSTEM, BY THE FOLLOWING MEASURES:
   - DO NOT DUMP GRASS CLIPPINGS OR OTHER ORGANIC DEBRIS INTO A SWMS
   - DECAYING GRASS CLIPPINGS AND OTHER DECOMPOSING VEGETATION CREATE IDEAL CONDITIONS FOR BREEDING MOSQUITOES.
   - CLEAN OUT ANY OBSTRUCTIONS THAT GET INTO THE SYSTEM. DEBRIS CAN OBSTRUCT FLOW AND HARBOR MOSQUITO EGGS AND LARVAE.
   - REMOVE WATER LETTUCE AND WATER HYACINTH, WHICH NOURISH AND SHELTER MOSQUITO LARVAE.

BACKFILL, COMPACTION, AND INSPECTION NOTES

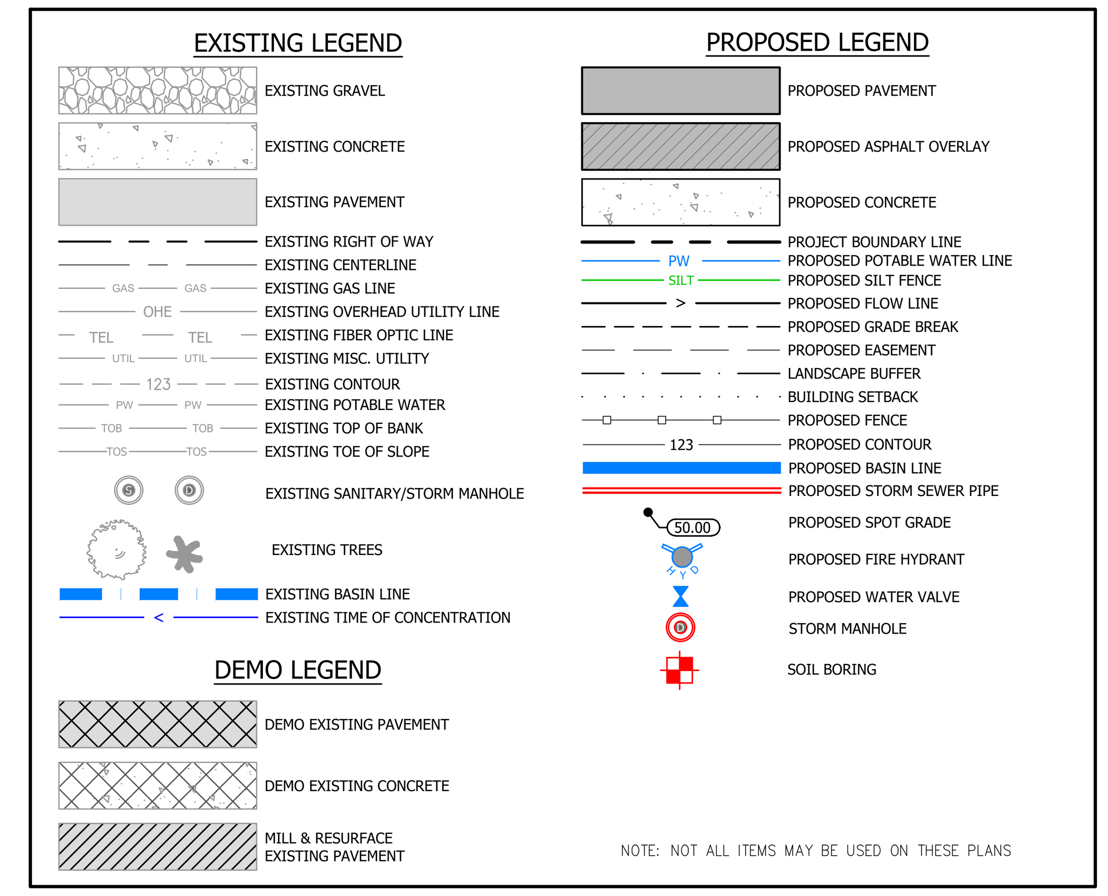
1. IT IS RECOMMENDED THE CONTRACTOR SUBMIT A TESTING PLAN TO THE ENGINEER BEFORE COMMENCING CONSTRUCTION SO ANY DEFICIENCIES CAN BE DETERMINED BEFORE STARTING.
2. PROCTOR TESTS SHALL BE PERFORMED ON ALL MATERIAL TO BE USED AS BACKFILL. TESTING FREQUENCY SHALL BE PER FDOT SPECIFICATIONS SECTION 125-9, MINIMUM 1 TEST PER SOIL TYPE OR REPRESENTATIVE SAMPLE.
3. ALL PIPE SHALL BE CAREFULLY LAID, TRUE TO THE LINES AND GRADES AS SHOWN ON THE PLANS. ALL PIPE SHALL BE LAID IN DRY BEDDING CONDITIONS.
4. BACKFILLING SHALL PROGRESS AS RAPIDLY AS THE CONSTRUCTION AND TESTING OF THE WORK WILL PERMIT. ALL BACKFILL MATERIAL SHALL BE SUITABLE AND FREE OF DELETERIOUS MATERIAL.
5. MATERIAL NOT SUITABLE FOR BACKFILL INCLUDES MUCK, ROCK, CLAY, PHOSPHATE SLIMES, OR OTHER PLASTIC MATERIALS INCLUDING A-2-6, A-2-7, A-5, A-6, AND A-7. NOTE: A-7 MAY BE USED AS SPECIFIED IN FDOT SPECIFICATIONS SECTION 125-8. THESE SOILS, IF ENCOUNTERED DURING SITE PREPARATION, SHOULD BE REMOVED WITHIN A 6' MARGIN OF THE CONSTRUCTION AREA AND FDOT #57 AGGREGATE BEDDING MATERIAL SHALL BE PLACED UNDER THE PIPE IN ACCORDANCE WITH THE TYPE A BEDDING DETAIL.
6. THE INITIAL BACKFILL SHALL BE CAREFULLY DEPOSITED ON BOTH SIDES OF THE PIPE AT THE SAME TIME AND UNIFORMLY COMPACTED AROUND THE BARREL OF THE PIPE UNTIL ENOUGH HAS BEEN PLACED TO PROVIDE A COVER OF 12" ABOVE THE CROWN OF THE PIPE. IN NO CASE SHALL BACKFILL MATERIAL BE PLACED IN THE TRENCH IN A MANNER THAT WILL CAUSE SHOCK TO OR UNEQUAL PRESSURE ON THE PIPE.
7. INITIAL LIFTS OF 6" SHALL BE PLACED UP TO THE TOP OF PIPE. LIFT MAY CONTINUE AT 12" INTERVALS THEREAFTER IF COMPACTION REQUIREMENTS CAN BE ACHIEVED.
8. IN AREAS WITHIN 6' OF ANY PAVED SURFACE, BACKFILL SHALL BE COMPACTED TO 100% OF T-99. IN ALL OTHER AREAS, BACKFILL SHALL BE COMPACTED TO 95% OF T-180.
9. EXCAVATABLE FLOWABLE FILL IS ACCEPTABLE.
10. BACKFILL AROUND STRUCTURES SHALL BE COMPACTED TO 100% OF T-99.
11. COMPACTION TESTS SHALL BE IN ACCORDANCE WITH SECTION 125-8 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE CITY/COUNTY ENGINEER MAY DETERMINE THAT MORE COMPACTION TESTS ARE REQUIRED TO CERTIFY THE INSTALLATION DEPENDING ON FIELD CONDITIONS. THE LOCATIONS OF COMPACTION TESTS WITHIN THE TRENCH SHALL BE IN CONFORMANCE WITH THE FOLLOWING SCHEDULE:
   - 11.1. CROSS DRAIN CULVERTS SHALL HAVE A MINIMUM OF TWO DENSITY TESTS PER LIFT.
   - 11.2. ONE TEST AT THE SPRING LINE OF THE PIPE.
   - 11.3. AT LEAST ONE TEST FOR EACH 12-INCH LAYER OF BACKFILL WITHIN THE PIPE BEDDING ZONE FOR PIPES 24 INCHES AND LARGER.
   - 11.4. ONE TEST AT AN ELEVATION OF ONE FOOT ABOVE THE TOP OF THE PIPE.
   - 11.5. ONE TEST FOR EACH TWO FEET OF BACKFILL PLACED FROM ONE FOOT ABOVE THE TOP OF THE PIPE TO FINISHED GRADE ELEVATION.
   - 11.6. TESTS SHALL BE STAGGERED AROUND EACH MANHOLE WITHIN THREE FEET OF EACH STRUCTURE'S OUTSIDE PERIMETER IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
     - 11.6.1. FIRST TEST SHALL BE ONE FOOT ABOVE THE STRUCTURE BASE; AND
     - 11.6.2. SECOND TEST SHALL BE TWO FEET ABOVE FIRST TEST
     - 11.6.3. SUBSEQUENT TESTS SHALL BE EVERY TWO FEET UP TO FINISHED SUBGRADE.
12. CONTRACTOR TO INSPECT ALL STORM PIPES AND GRAVITY SANITARY SEWER MAINS UTILIZING A CLOSED CIRCUIT TELEVISION SYSTEM PREPARING A DVD OF THE RESULTS. THE ENGINEER SHALL DETERMINE THE CONDITION OF THE PIPE FOR ACCEPTABILITY. VIDEO SHALL EXTEND TO THE END OF ALL PIPES.

GENERAL SITE NOTES

1. SEE BOUNDARY & TOPOGRAPHY SURVEY FOR LEGAL DESCRIPTION & BENCHMARK INFO.
2. CONTRACTOR TO REFERENCE ARCHITECTURAL DRAWINGS FOR DETAILED DESIGN OF PROPOSED BUILDING, INCLUDING SLAB DESIGN, UTILITY CONNECTIONS, DOORWAYS, AND OTHER SITE ITEMS. GC TO NOTIFY ENGINEER OF RECORD OF ANY DEVIATIONS FROM CIVIL PLANS BEFORE CONSTRUCTION.
3. CONTRACTOR TO BECOME FAMILIAR WITH AND ADHERE TO ALL ADA STANDARDS.
4. CONTRACTOR TO CONSTRUCT SIDEWALKS WITH A MAXIMUM 2% CROSS SLOPE AND A MAXIMUM 5% LINEAR SLOPE UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. ANY SIDEWALKS CONSTRUCTED FOUND TO BE IN EXCESS OF THESE SLOPES WILL BE REQUIRED TO BE RECONSTRUCTED AT CONTRACTORS EXPENSE.
5. CONTRACTOR TO PROVIDE SMOOTH TRANSITION AT LOCATIONS WHERE EXISTING FEATURES MEET PROPOSED FEATURES (CONCRETE, ASPHALT, ETC.).
6. ALL "MEG" (MATCH EXISTING GRADE) ELEVATIONS ON ROADWAY SURFACES OR EDGES AND UNDERGROUND STORM/UTILITY PIPES SHOWN ARE APPROXIMATE.
7. AT A MINIMUM, ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITH EITHER SOD OR SEED. SOD OR SEED AREAS SHOULD BE WATERED BY EITHER IRRIGATION OR TANKER TRUCKS UNTIL ESTABLISHED. SOD SHALL BE STAKED AS REQUIRED IN SLOPED AREAS AND MONITORED FOR WASHOUTS. ONCE THE SOD IS ESTABLISHED, GC MAY REMOVE STAKES. SEEDED AREAS MUST BE WATERED AS NECESSARY TO ALLOW GRASS TO BEGIN GROWING.
8. FOR TYPICALLY WET PONDS, SIDE SLOPES SHALL BE SODDED TO THE NORMAL WATER ELEVATION. FOR TYPICALLY DRY PONDS, SIDE SLOPES SHALL BE SODDED WHERE THE BOTTOM MAY BE PREPARED WITH CLEAN SOILS FREE OF DEBRIS. POND TOP BERMS AND ALL AREAS GREATER THAN 6:1 SHALL BE SODDED. ALL DISTURBED AREAS ON SITE SHALL BE SODDED OR SEEDED TO ESTABLISH A PERMANENT SOIL EROSION MEASURE, PENDING THE OWNER'S DIRECTION. ALL DISTURBED AREAS WITHIN EXISTING ROAD RIGHT OF WAY SHALL BE SODDED.
9. CONTRACTOR SHALL OBTAIN THE LATEST EDITION OF THE SOIL REPORT FOR THIS PROJECT. GC SHALL ADHERE TO ALL RECOMMENDATIONS AND INSTRUCTIONS INCLUDED IN SOIL REPORT.
10. A COPY OF THE APPROVED PERMIT AND DRAWINGS MUST BE ON THE JOBSITE AT ALL TIMES.
11. ANY SIDEWALKS DISTURBED DURING CONSTRUCTION ARE TO BE REPLACED.
12. IF CONSTRUCTION, RECONSTRUCTION, REPAIR OR MAINTENANCE ACTIVITY NECESSITATES THE CLOSING OF ONE OR MORE TRAVEL LANES OF ANY ROAD ON THE STATE PRIMARY, COUNTY ROAD OR CITY STREET SYSTEM FOR A PERIOD OF TIME EXCEEDING TWO HOURS, THE PARTY PERFORMING SUCH WORK WILL BE RESPONSIBLE TO GIVE NOTICE TO THE APPROPRIATE LAW ENFORCEMENT AGENCY WHICH HAS JURISDICTION WHERE SUCH ROAD IS LOCATED PRIOR TO COMMENCING WORK ON THIS PROJECT.
13. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT INDEX 102-600 THROUGH 102-670.
14. TRAFFIC SHALL BE MAINTAINED THROUGH THE WORK ZONE AT THE ESTABLISHED SPEED LIMIT.
15. DURING NON-WORKING HOURS, THE DROP-OFF BETWEEN THE TRAVEL LANES AND THE WORK AREA SHALL BE MAINTAINED IN ACCORDANCE WITH INDEX 102-600.
16. ROUTING TRAFFIC ONTO MILLED SURFACES IS PROHIBITED. MILLING AND RESURFACING MUST BE ACCOMPLISHED DURING NON-PEAK HOURS WITH LANE CLOSURES AND UTILIZATION OF STANDARD INDICES SUCH AS 102-603 (MODIFIED FOR APPROPRIATE POSTED SPEED), 102-606, AND/OR OTHER APPROPRIATE SPECIAL DETAILS.
17. THE LOCATIONS OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWER, GAS LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION, AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE SIZES AND LOCATIONS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE SIZE AND LOCATION OF ALL EXISTING UTILITIES SHOWN AND NOT SHOWN ON THESE PLANS AND RELATED CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE THEIR FACILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK.
18. BENCHMARKS AND OTHER REFERENCE POINTS SHALL BE CAREFULLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. IF DISTURBED OR DESTROYED, THESE POINTS SHALL BE REPLACED BY A FLORIDA P.L.S. AT CONTRACTOR'S EXPENSE.
19. THE CONTRACTOR IS DIRECTED TO NOTIFY SLOAN ENGINEERING GROUP, INC., PHONE (863) 800-3046, FOR PROBLEMS REQUIRING DEVIATION FROM THESE PLANS AND SPECIFICATIONS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND REMOVAL OF ALL EXISTING STRUCTURES, ETC., UNLESS OTHERWISE NOTED. ALL SOIL STRIPPINGS AND ANY UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
21. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES NOTED TO REMAIN, FROM DAMAGE OR DISPLACEMENT DURING CONSTRUCTION. IN THE EVENT OBSTRUCTIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER AND THE UTILITY COMPANY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR DAMAGE OR CORRECT DISPLACEMENT.
22. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL TREES AND OTHER VEGETATION OUTSIDE THE LIMITS OF CONSTRUCTION.
23. WHEN DETAILS ARE PROVIDED, CONTRACTOR SHALL CONSTRUCT JOB PER SPECIFIC DETAILS, AND NOT BY SCALING FROM THESE PLANS.
24. THE CONTRACTOR SHALL RESTORE OFF SITE CONSTRUCTION AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS RECOMMENDED TO PROVIDE A VIDEO OF EXISTING CONDITIONS TO THE ENGINEER.
25. THE CONTRACTOR SHALL TAKE SPECIAL NOTICE THAT ALL SPECIFICATIONS AND DETAILS SHOWN HEREON ARE BELIEVED TO BE THE LATEST AND MOST ACCURATE AT THE TIME OF DESIGN AND SUBMITTAL, HOWEVER THE ENGINEER DOES NOT WARRANTY ANY OF THE PROVIDED SPECIFICATIONS AND DETAILS. THESE SPECIFICATIONS AND DETAILS ARE SUBJECT TO REVISION BY THE ISSUING MUNICIPALITIES AND AGENCIES. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL CONSTRUCTION, TESTING AND MATERIALS CONFORM TO THE LATEST EDITIONS OF THE DESIGN REFERENCES INCLUDING, BUT NOT LIMITED TO THE MUNICIPAL LAND DEVELOPMENT REGULATIONS, FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FDOT MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS (GREEN BOOK) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
26. THE CONTRACTOR SHALL INSTALL DROP CURBS AND HANDICAP RAMPS AT ALL INTERSECTIONS OF THE SIDEWALK WITH THE EXISTING AND PROPOSED PAVEMENT TO A.D.A. SPECIFICATIONS. ALL SIDEWALK RAMPS SHALL HAVE DETECTABLE WARNINGS PER FDOT STANDARD PLAN INDEX 522-002 FOR THE CURB RAMP AS SPECIFIED ON THESE PLANS.
27. THE STORMWATER MANAGEMENT SYSTEM IS TO BE MAINTAINED BY THE OWNER.
28. SLOAN ENGINEERING WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT. THESE ITEMS WILL BE CHECKED FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SLOAN ENGINEERING'S SHOP DRAWING REVIEW WILL BE CONDUCTED WITHIN A REASONABLE TIME WHILE ALLOWING SUFFICIENT TIME FOR ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT SLOAN ENGINEERING HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. SLOAN ENGINEERING WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
29. SLOAN ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR.
30. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.
31. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY.

GENERAL POTABLE WATER AND SANITARY SEWER NOTES

1. CONTRACTOR TO MAKE A SUNSHINE ONE CALL AND FIELD LOCATE ALL EXISTING UTILITIES. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
2. ALL VALVES, SERVICES, FITTINGS, HYDRANTS, ETC. ARE NOT DRAWN TO SCALE BUT ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. FOR PROPER INSTALLATION DETAILS SEE WATER AND SEWER DETAILS AND SPECIFICATIONS.
3. CONTRACTOR TO PERFORM ALL CONNECTIONS TO EXISTING WATER MAIN IN THE PRESENCE OF AUTHORIZED CITY OF WAUCHULA UTILITIES DIVISION PERSONNEL.
4. BACTERIOLOGICAL SAMPLING POINTS SHALL BE TAKEN AT ALL POINTS SHOWN ON UTILITY PLANS AND ALL POINTS INDICATED ON THE FDEP PERMIT. A MINIMUM OF 1 SAMPLE SHALL BE TAKEN AT THE PROPOSED METER LOCATION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE SEWER & WATER DISTRIBUTION SYSTEM ACCORDING TO THE ENGINEER'S DESIGN AND THE LATEST HARDEE COUNTY UTILITIES SPECIFICATIONS AND PROCEDURES.
6. CONTRACTOR SHALL PROVIDE ALL SERVICE AND BEND LOCATIONS TO THE ENGINEER FOR ASBUILT/RECORD DRAWINGS.
7. ALL PRESSURIZED MAINS SHALL BE POLY-PIGGED.
8. AS-BUILT DRAWINGS SHALL INDICATE ANY DEPARTURES FROM THE APPROVED PLANS DURING CONSTRUCTION.
9. THE CONTRACTOR SHALL NOTIFY THE COUNTY OR CITY ENGINEER DIVISION AT LEAST ONE WEEK PRIOR TO CONSTRUCTION.
10. PROPOSED MANHOLES WITH INVERT SEPARATIONS OF 2.0 FEET OR GREATER WILL REQUIRE A DROP CONNECTION.
11. ALL HYDRANTS TO BE BETWEEN 5 AND 10 FEET BACK OF CURB AND 2 FEET FROM SIDEWALK. NOZZLE TO BE DIRECTED TOWARDS THE FIRE DEPARTMENT ACCESS ROAD.
12. BLUE REFLECTORS TO BE INSTALLED IN THE CENTER OF THE LANE NEAREST THE FIRE HYDRANT.
13. ALL WATER AND SEWER LINES ARE TO BE INSTALLED WITH A MINIMUM OF 3' OF COVER.
14. ALL CONSTRUCTION MATERIALS SHALL BE LISTED ON THE APPROVED MATERIALS LIST PROVIDED BY THE UTILITY COMPANY. CONTRACTOR TO ENSURE ALL PUBLICLY MAINTAINED ITEMS ARE IN ACCORDANCE WITH THE UTILITY CODE.
15. HORIZONTAL AND VERTICAL SEPARATION BETWEEN DISSIMILAR UTILITIES ARE TO BE MAINTAINED PER THE PROVIDED SEPARATION DETAIL. WHERE POSSIBLE, THE LEAST-CONTAMINATED UTILITY SHALL BE PLACED ABOVE THE OTHERS. MINIMUM VERTICAL SEPARATION OF DISSIMILAR UTILITIES IS 12" UNLESS OTHERWISE NOTED.
16. SLOAN ENGINEERING GROUP SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO ANY TESTING OR DISINFECTION.
17. HYDROSTATIC TESTS CONSISTING OF PRESSURE TEST AND LEAKAGE TEST SHALL BE CONDUCTED ON ALL NEWLY-INSTALLED PRESSURE PIPES AND APPURTENANCES. THE TESTS SHALL BE IN ACCORDANCE WITH PROVISIONS OF AWWA C600 OR M23 AS APPLICABLE. ADDITIONAL TESTING STANDARDS BY THE UTILITY COMPANY MAY BE REQUIRED.
18. DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C651-DISINFECTING WATER MAIN.
19. ROOF DRAINS, FOUNDATION DRAINS OR OTHER STORM WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
20. WHERE THE SOILS REPORT INDICATES THE POSSIBILITY OF UNSUITABLE MATERIAL IN THE VICINITY OF UTILITY LINES, THE CONTRACTOR SHALL DETERMINE THE NATURE AND EXTENT OF THIS UNSUITABLE MATERIAL, PREPARE TRENCH AND INSTALL THE UTILITY LINES IN ACCORDANCE WITH ASTM D-2321. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF THIS UNSUITABLE MATERIAL.
21. FOR PURPOSES OF BACKFILLING TRENCHES: COMMON FILL SHALL CONSIST OF MINERAL SOIL, SUBSTANTIALLY FREE OF CLAY, ORGANIC MATERIAL, MUCK, LOAM, WOOD, TRASH AND OTHER OBJECTIONABLE MATERIAL WHICH MAY BE COMPRESSIBLE OR WHICH CANNOT BE COMPACTED PROPERLY. COMMON FILL SHALL NOT CONTAIN STONES LARGER 3-1/2 INCHES IN ANY DIMENSION IN THE TOP 12 INCHES OR SIX INCHES IN ANY DIMENSION IN THE BALANCE OF FILL AREA. COMMON FILL SHALL NOT CONTAIN ASPHALT, BROKEN CONCRETE, MASONRY, RUBBLE OR OTHER SIMILAR MATERIALS. IT SHALL HAVE PHYSICAL PROPERTIES SUCH THAT IT CAN BE READILY SPREAD AND COMPACTED DURING FILLING. ADDITIONAL COMMON FILL SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS, UNLESS FINER MATERIAL IS APPROVED FOR USE IN A SPECIFIC LOCATION BY THE UTILITY COMPANY.



NO.	DATE	DESCRIPTION

REVISION BLOCK

SANTOS MEDINA, III, P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. 74539

DESIGNED BY: SM
DRAWN BY: DH
CHECKED BY: SM

SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 · FAX: (863) 800-1159
REGISTRY #26247

CLIENT: JP WISEMAN CONSTRUCTION, LLC

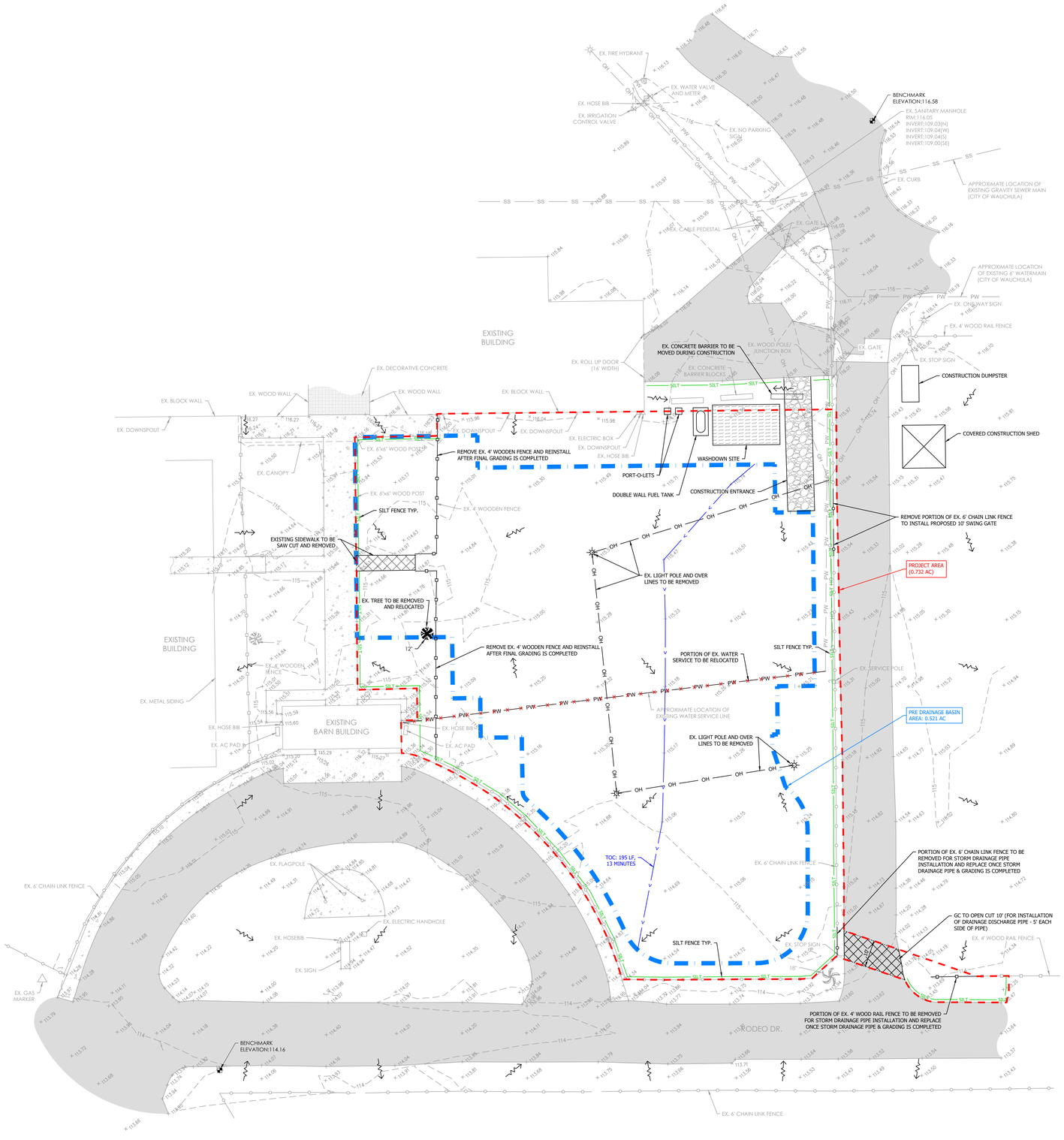
PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

NOTES & SPECIFICATIONS

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C101

811 Know what's below. Call before you dig.



NO.	DATE	DESCRIPTION

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SANTOS MEDINA, III, P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. 74539
SANTOS MEDINA III
LICENSE No. 74539
STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/21/2026
NOT VALID UNLESS SIGNED, DIGITALLY CERTIFIED, SEALED AND SEALED

DESIGNED BY:	DRAWN BY:	CHECKED BY:
SM	DH	SM

This item has been digitally signed and sealed by SANTOS MEDINA, III, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY #26247

CLIENT: JP WISEMAN CONSTRUCTION, LLC

PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

DEMOLITION & SWPP PLAN

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C200

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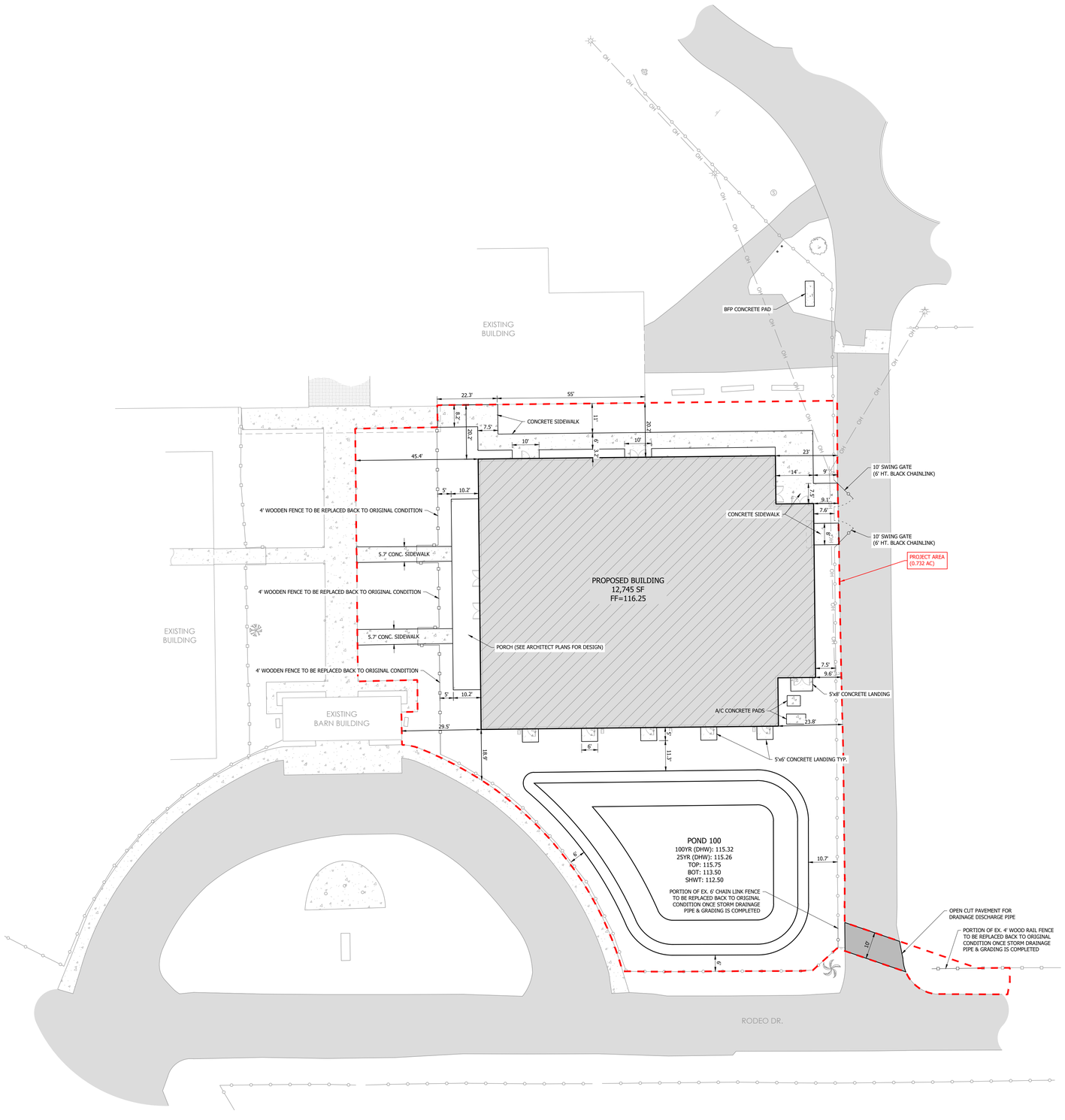

NORTH

SCALE: 1" = 20'

0' 20' 40'

SITE CHARACTERISTICS

PARCEL INFORMATION:

PARCEL ID: (A PORTION OF)	08-34-25-0000-03760-0000
FLOOD AREA:	ZONE "X" (MAP NO. 12049C0187D)
FLU:	TOWN CENTER
ZONING:	A-1
MAX. BUILDING HEIGHT:	40'

BUILDING SETBACKS:

FRONT:	50'
REAR:	50'
SIDE:	25'

* SETBACKS ARE NOT APPLICABLE AS PROPOSED BUILDING IS INTERNAL TO PARCEL BOUNDARY.

DEVELOPMENTAL STATISTICS

PRE DEVELOPMENT

IMPERVIOUS:	0.005 AC	226 SF	0.71%
PERVIOUS:	0.727 AC	31,680 SF	99.29%
TOTAL PROJECT AREA:	0.732 AC	31,906 SF	100.00%

POST DEVELOPMENT

PERVIOUS	0.372 AC	16,198 SF	50.77%
IMPERVIOUS	0.361 AC	15,708 SF	49.23%
PAVEMENT/CONCRETE	0.068 AC	2,963 SF	
BUILDING	0.293 AC	12,745 SF	
TOTAL PROJECT AREA:	0.732 AC	31,906 SF	100.00%

NO.	DATE	DESCRIPTION

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DRAWN BY: DH
CHECKED BY: SM

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PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY #26247

CLIENT: JP WISEMAN CONSTRUCTION, LLC

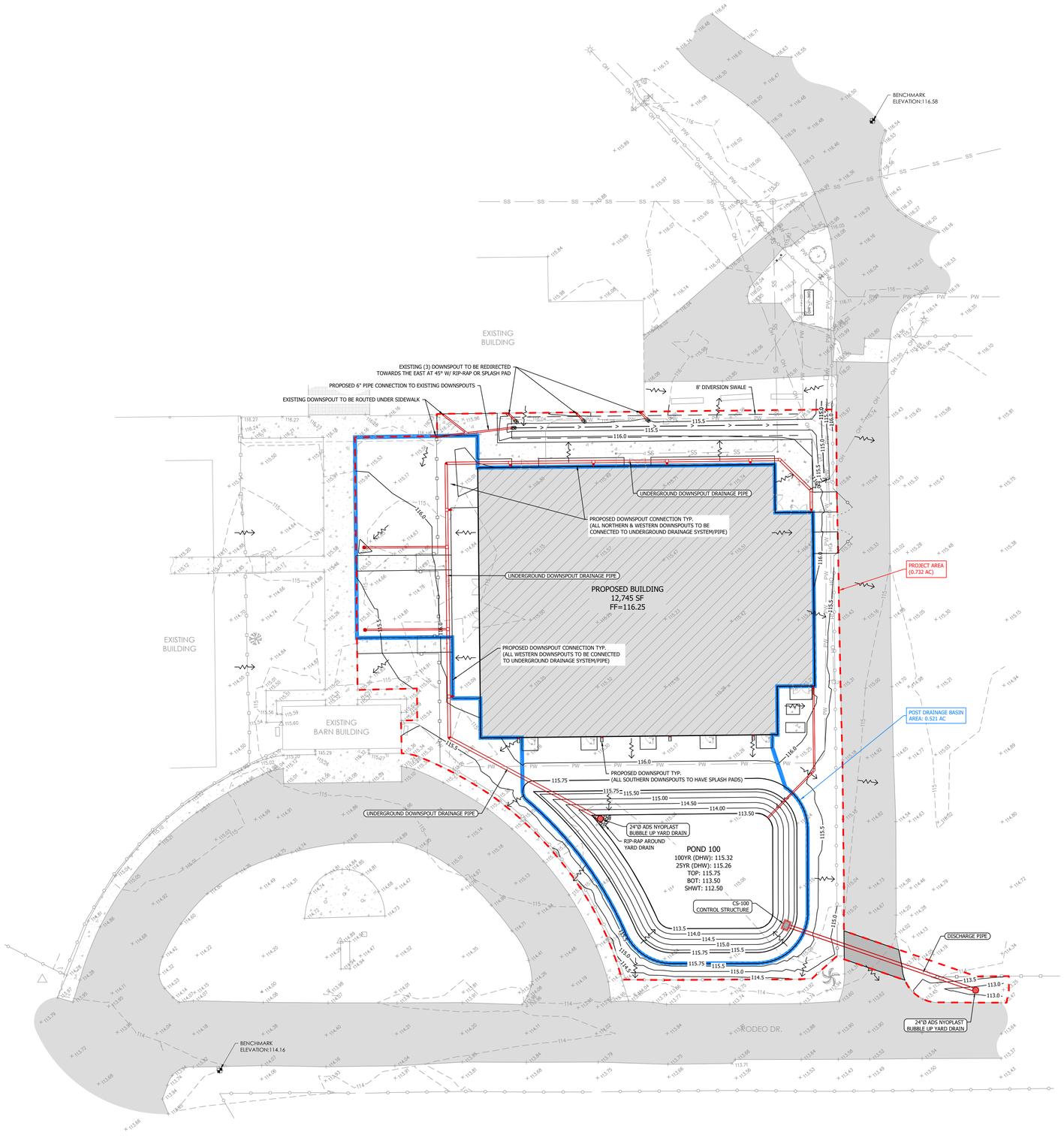
PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

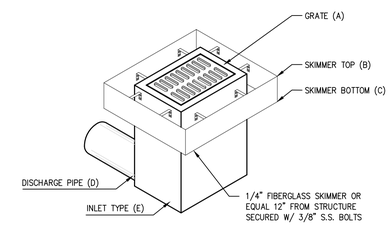
SITE PLAN

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C300

811 Know what's below. Call before you dig.





#	A	B	C	D	E
CS-100	115.10	115.25	114.50	12" @ 112.00	24"x24"

CONTROL STRUCTURE DETAIL

N.T.S.

NO.	DATE	DESCRIPTION

REVISION BLOCK

SANTOS MEDINA, III, P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. 74539
SANTOS MEDINA III
LICENSE No. 74539 STATE OF FLORIDA PROFESSIONAL ENGINEER
01/21/2026
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DESIGNED BY:	DRAWN BY:	CHECKED BY:
SM	DH	SM

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SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY #26247

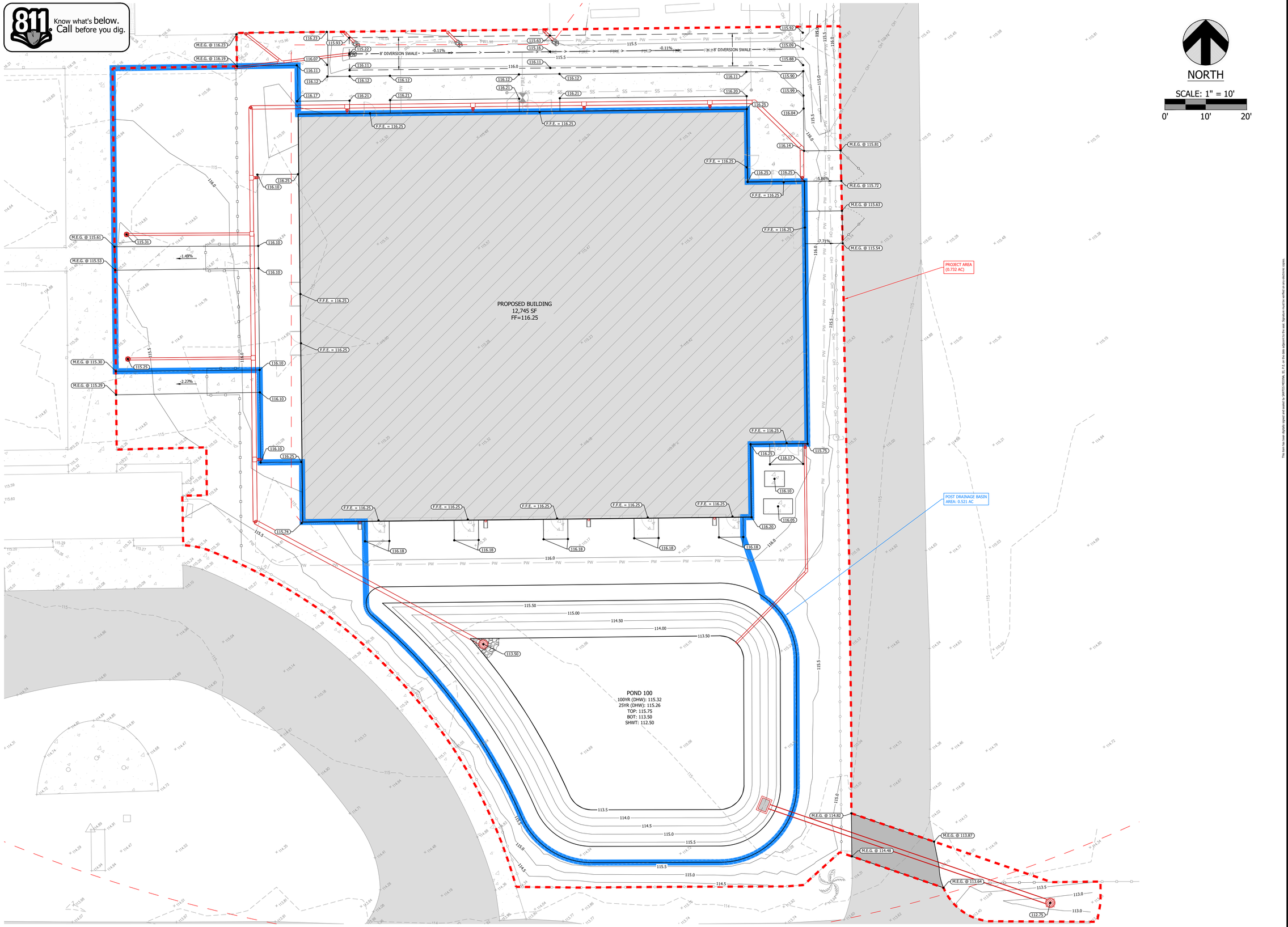
CLIENT: JP WISEMAN CONSTRUCTION, LLC

PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

GRADING & DRAINAGE PLAN

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C400



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LICENSE NO. 74539
LICENSE NO. 74539
STATE OF FLORIDA
PROFESSIONAL ENGINEER
01/21/2026
NOT VALID UNLESS SIGNED, DIGITALLY CONNECTED, NOT ALLOWED AND SEALED

DESIGNED BY:	DRAWN BY:	CHECKED BY:
SM	DH	SM

SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY #26247

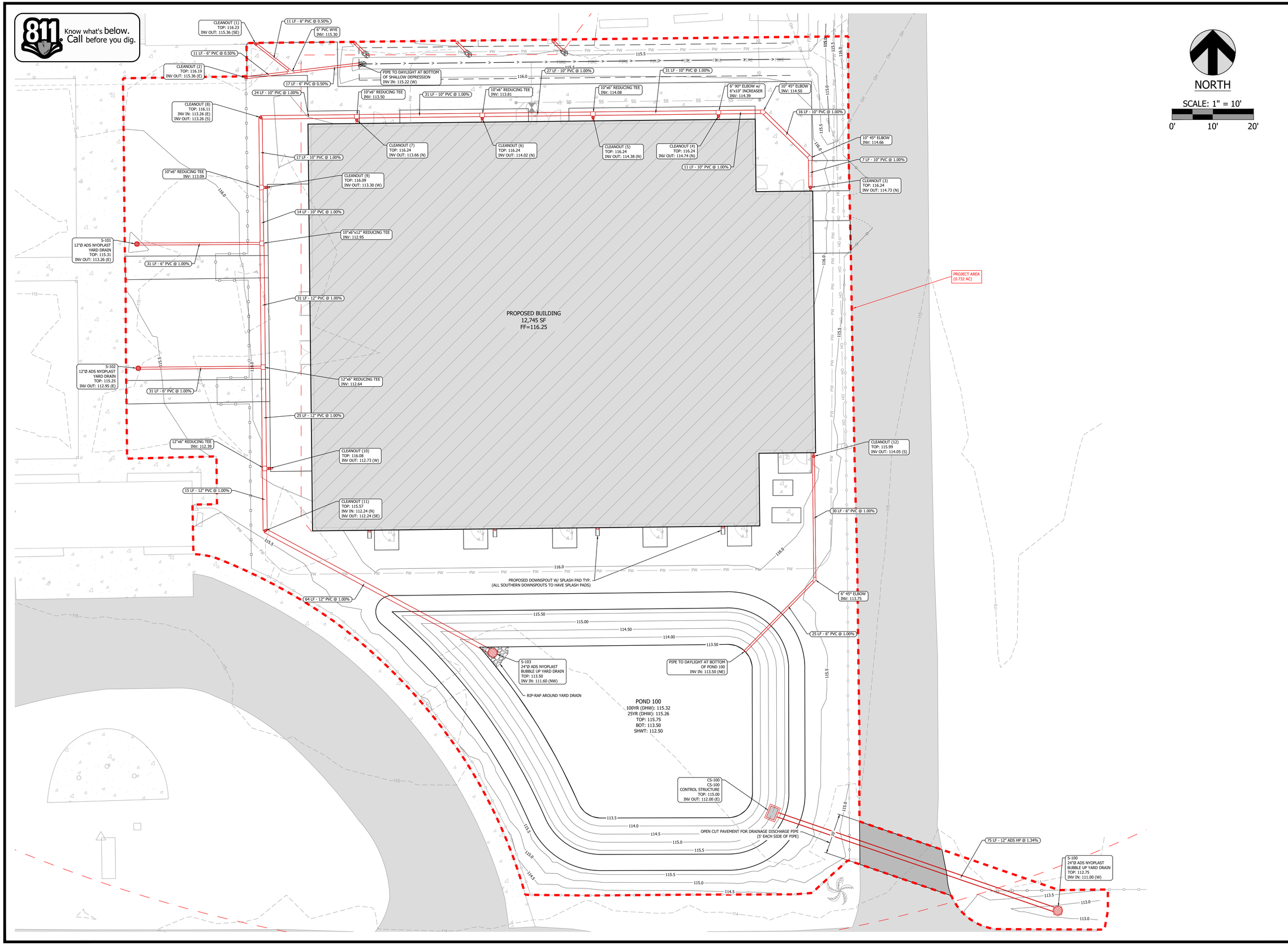
CLIENT: JP WISEMAN CONSTRUCTION, LLC

PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

GRADING PLAN

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C401



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SANTOS MEDINA, III, P.E.
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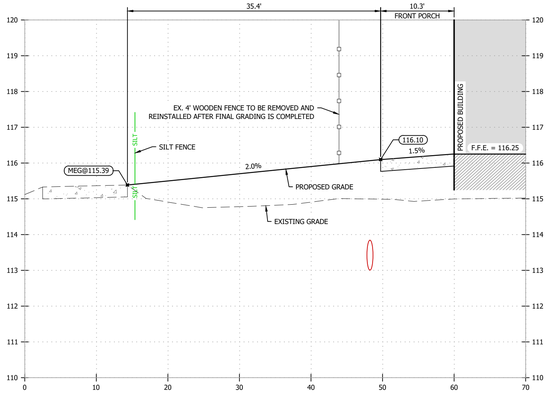
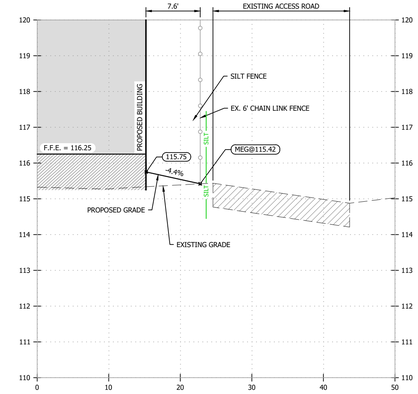
DRAINAGE PLAN

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

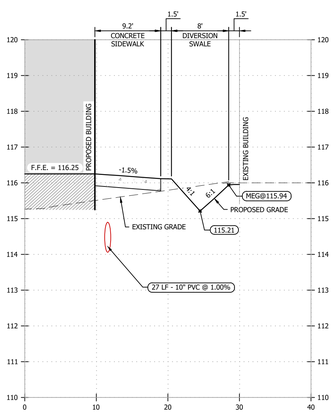
PROJECT NO.	SHEET
3050	C402



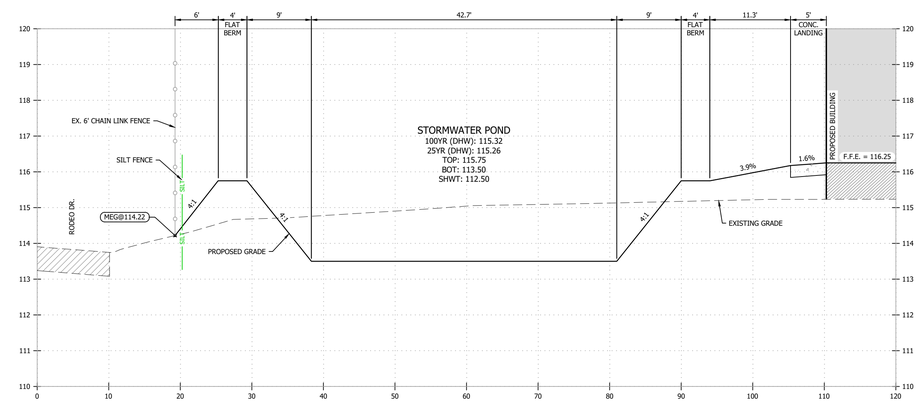
SECTION A
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'



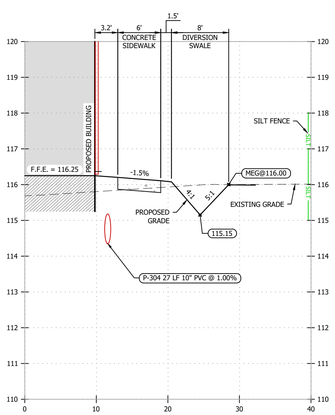
SECTION D
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'



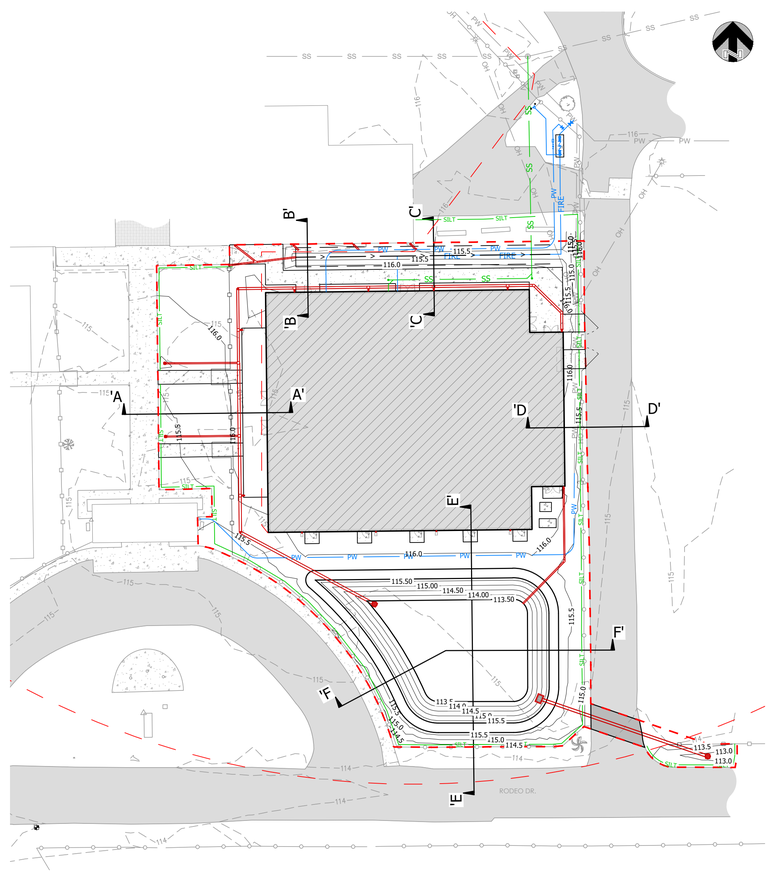
SECTION B
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'

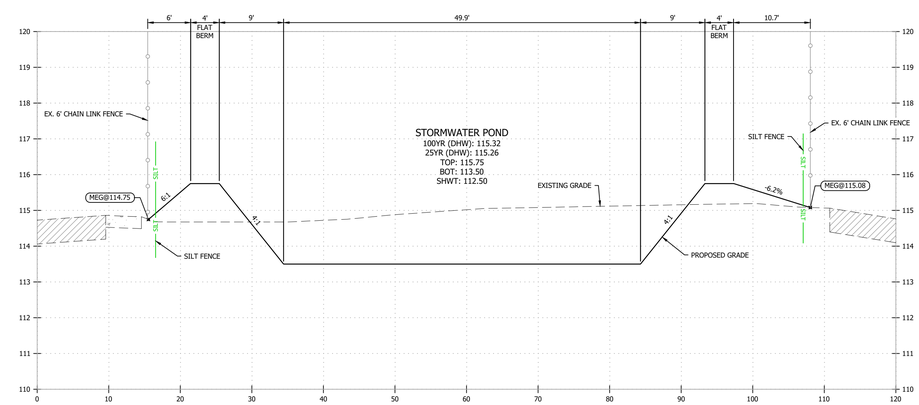


SECTION E
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'



SECTION C
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'





SECTION F
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 10'

NO.	DATE	DESCRIPTION

REVISION BLOCK

SANTOS MEDINA, III, P.E.
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. 74539
01/21/2026
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY:	DRAWN BY:	CHECKED BY:
SM	DH	SM

This item has been digitally signed and sealed by SANTOS MEDINA, III, P.E. on the date adjacent to the seal. Signature and/or certified copies are electronic copies.

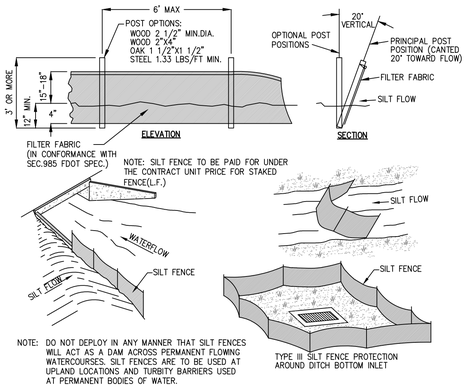
SLOAN Engineering Group
150 SOUTH WOODLAWN AVENUE, BARTOW, FL 33830
PHONE: (863) 800-3046 - FAX: (863) 800-1159
REGISTRY #26247

CLIENT: JP WISEMAN CONSTRUCTION, LLC
PROJECT: HARDEE COUNTY EVENTS CENTER AT CATTLEMAN'S FAIRGROUND

CROSS SECTION

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

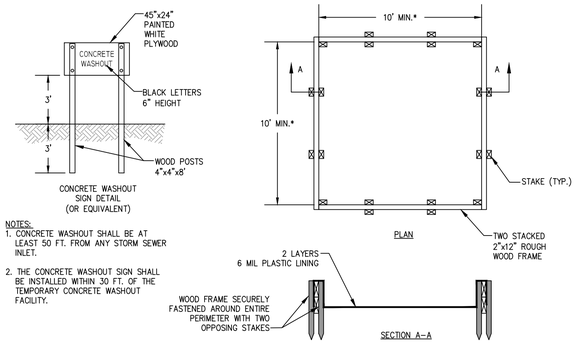
PROJECT NO.	SHEET
3050	C600



NOTE: DO NOT DEPLOY IN ANY MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE DETAIL

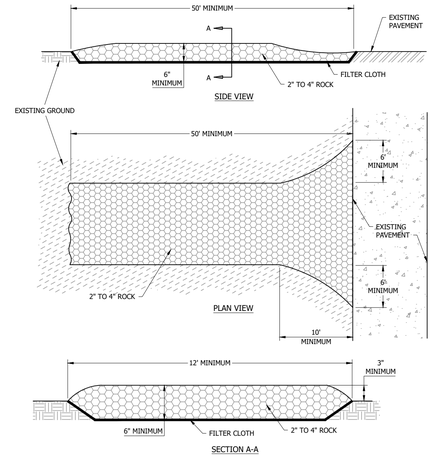
NTS



NOTES:
1. CONCRETE WASHOUT SHALL BE AT LEAST 50 FT. FROM ANY STORM SEWER INLET.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

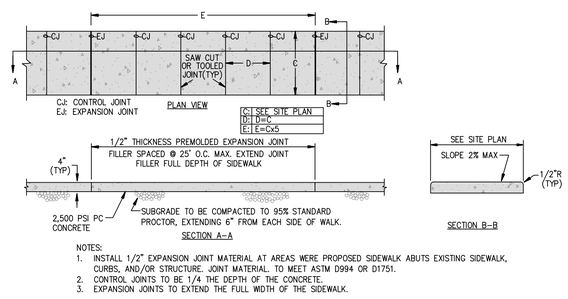
WASHOUT FACILITY DETAIL

NTS



SOIL TRACKING PREVENTION DEVICE

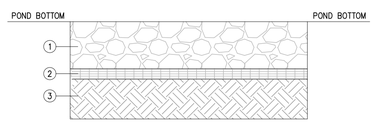
NTS



NOTES:
1. INSTALL 1/2" EXPANSION JOINT MATERIAL AT AREAS WERE PROPOSED SIDEWALK ABUTS EXISTING SIDEWALK, CURBS, AND/OR STRUCTURE. JOINT MATERIAL. TO MEET ASTM D994 OR D1751.
2. CONTROL JOINTS TO BE 1/4 THE DEPTH OF THE CONCRETE.
3. EXPANSION JOINTS TO EXTEND THE FULL WIDTH OF THE SIDEWALK.

TYPICAL SIDEWALK DETAIL

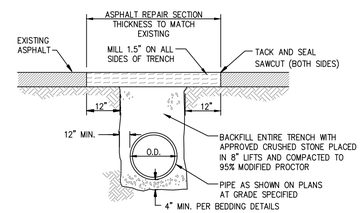
NTS



1. 6"-9" LAYER OF RIP RAP RUBBLE (FDOT DESIGN STANDARD FOR ROAD AND BRIDGE CONSTRUCTION SECTION 530)
2. GEOTEXTILE FILTER FABRIC (FDOT DESIGN STANDARD FOR ROAD AND BRIDGE CONSTRUCTION SECTION 514 AND STANDARD INDEX 199)
3. 6" COMPACTED SUBGRADE

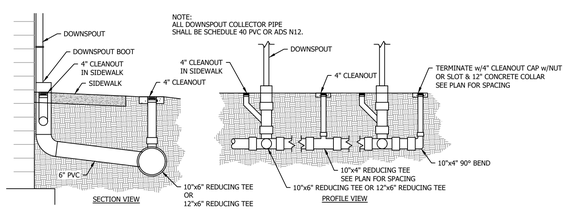
RIP-RAP DETAIL

NTS



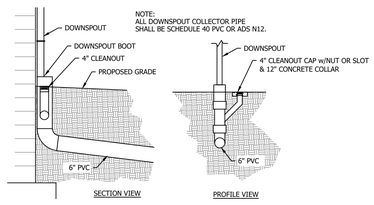
OPEN CUT DETAIL

NTS



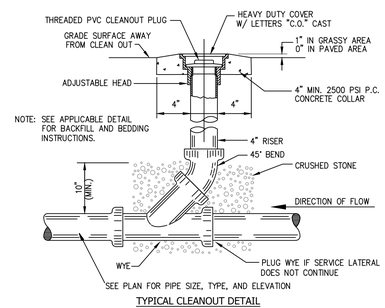
DOWNSPOUT CONNECTION DETAIL

N.T.S.



DOWNSPOUT CONNECTION DETAIL

N.T.S.



TYPICAL CLEANOUT DETAIL

NTS

NO.	DATE	DESCRIPTION

REVISION BLOCK

DESIGNED BY:	DRAWN BY:	CHECKED BY:
SM	DH	SM

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SITE & DRAINAGE DETAILS

770 RECREATION COMPLEX DR., WAUCHULA, FL 33873

PROJECT NO.	SHEET
3050	C700