

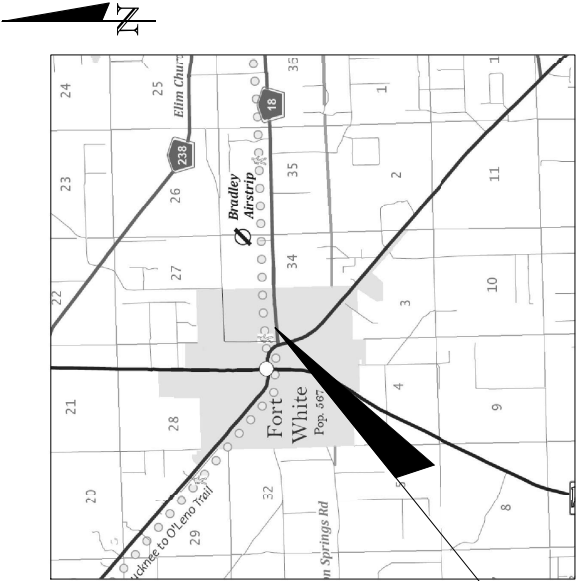
FORT WHITE COMMUNITY THRIFT SHOP SITE

SITE PLAN FOR:

DOUG MOSELY
FT WHITE COMMUNITY THRIFT SHOP, INC.
P.O. BOX 996
FORT WHITE, FL 32038
386.288.6459

INDEX OF SHEETS

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SECTION 34, TOWNSHIP 06 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA
PARCEL #s 34-6S-16-04059-003

LEGAL DESCRIPTION

Commence at the Northwest corner of the Southwest 1/4, Section 34, Township 6 South, Range 16 East, Columbia County, Florida, and run thence South 03 deg. 16 min. 33 sec. West, along the West line of said Section 34, 51.45 feet to the South right-of-way line of County Road C-18 and to the Point of Beginning; thence continue South 03 deg. 16 min. 33 sec. West, along said West line, 415.59 feet; thence North 89 deg. 52 min. 46 sec. East, 525.00 feet; thence North 03 deg. 16 min. 33 sec. East, 415.59 feet to said South right-of-way line of County Road C-18; thence South 89 deg. 52 min. 46 sec. West, along said South right-of-way line, 525.00 feet to the Point of Beginning;

LESS and EXCEPT:

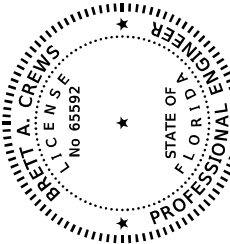
Commence at the Northwest corner of the Southwest 1/4, Section 34, Township 6 South, Range 16 East, Columbia County, Florida, and run thence South 03 deg. 16 min. 33 sec. West along the West line of said Section 34, 51.45 feet to the South right-of-way line of County Road C-18 and to the Point of Beginning; thence continue South 03 deg. 16 min. 33 sec. West, along said West line, 415.59 feet; thence North 89 deg. 52 min. 46 sec. East, 105.00 feet; thence North 03 deg. 16 min. 33 sec. East, 415.59 feet to said South right-of-way line of County Road C-18; thence South 89 deg. 52 min. 46 sec. West, along said South right-of-way line, 105.00 feet to the Point of Beginning.



Crews Engineering Services, LLC

349 SW CREWS FARM TER
LAKE CITY, FL 32025
PHONE: 386.623.4303

CERTIFICATE OF AUTHORIZATION:
NO. 28022



Digitally signed by
Brett A. Crews
Date: 2021.06.27
17:22:42-0400

BRETT A. CREWS, P.E. 65592

CES PROJECT NO.	SHEET NO.
2019-03	KEY1

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOBSITE PRIOR TO BEGINNING CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND, THE PLANS SHOULD INDICATE ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY & PRIOR TO PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A SECURE MANNER. ALL ACCESS FENCES AND CALCULATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
3. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
4. THE SURFACE WATER MANAGEMENT SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SRWMD RULES AND REGULATIONS (CH. 40B-4 F.A.C.).
5. EXISTING DRAINAGE STRUCTURES SHALL BE MODIFIED AS SHOWN IN THE PLANS. ENGINEER SHALL BE CONTACTED IF CONTRACTOR FINDS FIELD CONDITIONS DO NOT MATCH THE PLANS.
6. THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER AND OWNER.
7. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF FT WHITE LAND DEVELOPMENT REGULATIONS.
8. SITE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT LIMITS.
9. ALL PROPOSED CONSTRUCTION SHALL CONFORM TO CURRENT FDOT STANDARD PLANS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. ALL STORM PIPES SHALL HAVE A MINIMUM COVER OF 9' UNLESS OTHERWISE SHOWN IN THESE PLANS. LIMEROCK BACKFILL SHALL BE USED IF PIPE UNDER PAVEMENT HAS LESS THAN 12" COVER.
11. ALL SWALES, DEPRESSION AREAS AND RETENTION PONDS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHOULD BE REPAIRED AS SOON AS POSSIBLE. IF A SINKHOLE OCCURS WITHIN THE STORM WATER SYSTEM, THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH A LOW PERMEABILITY MATERIAL. A 2-FOOT CAP THAT EXTENDS 2 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOILS SHOULD HAVE AT LEAST 20% PASSING THE NUMBER 200 SIEVE. THE CLAYEY SOILS SHOULD BE PROTECTED FROM EROSION BY COVERING WITH MULCH OR WITH MULCHURE 2% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT PONDING AND RE-VEGETATED.
12. ALL NEW TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CURRENT FDOT STANDARD PLANS.
13. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT STANDARD PLANS.
14. CONTRACTOR SHALL CONTACT SRWMD AND ENGINEER OF RECORD 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
15. ANY UNSUITABLE MATERIAL (SPOTIC, CLAY, OTHER IMPERMEABLE SOILS) SHALL BE REMOVED FROM THE SURFACE WATER MANAGEMENT FACILITIES. THIS UNSUITABLE MATERIAL SHALL NOT BE USED AS FILL MATERIAL IN CONSTRUCTION OF THE BERMS. CONTRACTOR SHALL MEET WITH ENGINEER ON SITE PRIOR TO CONSTRUCTION OF SURFACE WATER MANAGEMENT FACILITY.
16. NO WETLANDS EXIST ON SITE.
17. THE PROJECT IS NOT LOCATED IN A FLOOD ZONE ACCORDING TO FEMA FLOOD MAPS.

UTILITY NOTES

1. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUES) IN A MANNER THAT THE CONTRACTOR SHALL BE AWARE OF. THE CONTRACTOR SHALL BE NOT BEING PLATTED. OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY. PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS TABLE IN THE TOWN OF FT WHITE WWWW/RCW DESIGN STANDARDS.
2. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE WITH CITY OF LAKE CITY'S MOST RECENT POTABLE WATER, WASTEWATER AND RECLAIMED WATER SYSTEM DESIGN STANDARDS, AND APPROVED MATERIALS MANUAL.
3. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
4. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM TREES, BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES. LIVE OAK TREES REQUIRE A 10 FEET SEPARATION. DEAD TREES REQUIRE A 5 FEET SEPARATION. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 10 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES. NOTE THAT WATER SERVICE LATERALS SHALL BE INSTALLED WITHIN 3" SLEEVES. (SEE TOWN OF FT WHITE STANDARDS HORIZONTAL SEPARATION DISTANCES FOR PARALLEL AND PERPENDICULAR CLEARANCE FROM OTHER OBJECTS TABLE.)
5. 2" VALVES LOCATED IN PAVED AREAS, INCLUDING SIDEWALKS, SHALL BE CITY OF LAKE CITY APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVES AND TAPPING SADDLE OR TAPPED TEE.
6. WATER MAINS 4"IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE INSTALLED WITHIN 18" OF THE CURB. WATER MAINS 18" AND LARGER SHALL BE INSTALLED WITHIN 3 FEET OF THE CURB (3 FEET WITHIN TOWN OF FT WHITE LIMITS). TRACER WIRE INSTALLED ON PVC WATER MAINS SHALL CONTINUE ACROSS THE CLDIP SECTIONS.
7. 1" AND 2" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 3" SCH 40 PVC EXTENDING 5' PAST THE BACK OF CURB (3 FEET INSIDE CITY OF LAKE CITY LIMITS).
8. ANCHORING TEES, COUPLINGS, AND BENDS SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
9. ALL PRESSURIZED MAIN FITTINGS SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS. A SUFFICIENT LENGTH OF THE PIPE CONNECTED TO THE FITTINGS, RESTRAINED JOINT STANDARD TO THE PROJECT, SHALL BE PROVIDED. THE RESTRAINED JOINT STANDARD IN THE CONSTRUCTION DETAILS OF THE CITY OF LAKE CITY STANDARDS. CALCULATIONS FOR REQUIRED RESTRAINT LENGTH MUST BE PROVIDED IF THE SPECIFIED RESTRAINT LENGTH, DUE TO SOIL TYPE OR DEPTH OF COVER, DIFFERS FROM THOSE PROVIDED ON THESE DETAILS.
10. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4"DIAMETER PVC (SDR 35) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
11. WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS ADJACENT TO PAVED AREAS SHALL BE RATED FOR TRAFFIC LOAD BEARING. WASTEWATER CLEANOUT COVERS IN OTHER SIDEWALKS/WALKWAYS SHALL BE BRASS WITH A SQUARE RECESS.
12. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SLOPE TO FINISHED GRADE.
13. UNLESS OTHERWISE NOTED ON THE PLANS, THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE (BWV) IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
14. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 10 FT OF AN ELECTRICAL TRANSFORMER, A 20 FT LENGTH OF DIAPHRAGM SHALL BE INSTALLED UNDER THE WATER MAIN. THE DIAPHRAGM SHALL BE 18" WIDE AND 12" THICK. NO FITTINGS OR VALVES SHALL OCCUR WITHIN 10 FT OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.
15. ALL EXISTING UTILITIES SHALL BE LOCATED PRIOR TO BEGINNING WORK. THIS INCLUDES ALL EXISTING UTILITIES (WATER, WASTEWATER, GAS, FIBER, ETC.) AND POINT OF THE EXISTING UTILITY. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES EXISTING BETWEEN THE CONSTRUCTION PLANS AND ACTUAL FIELD CONDITIONS. EXISTING UTILITIES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY AND SHALL BE VERIFIED IN THE FIELD BY NON-DESTRUCTIVE METHODS.

UTILITY NOTES CONT.

16. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL REQUIRED UTILITY SEPARATION DISTANCES AND REQUIREMENTS FOR THE EXISTING UTILITIES. MATERIALS REQUIRED TO COMPLETE CONNECTION TO THE EXISTING UTILITIES. THIS INCLUDES: BUT IS NOT LIMITED TO, MANHOLE CORING, WET TAPS, PAVEMENT REPAIRS AND DIRECTIONAL BORING.
17. CONTRACTOR SHALL CONTACT THE TOWN OF FT WHITE (386-466-3359) PRIOR TO BEGINNING WORK TO COORDINATE INSPECTION OF UTILITY CONNECTIONS.
18. EXISTING WATER SHOULD REMAIN IN SERVICE DURING CONSTRUCTION. THE CITY OF LAKE CITY SHALL BE NOTIFIED IN THE EVENT INTERRUPTIONS TO SERVICE ARE REQUIRED.
19. ALL NEW AND RELOCATED WATER MAIN PIPES, FITTINGS, APPURTENANCES, AND PACKING AND JOINT MATERIALS SHALL CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS AND/OR MANUFACTURERS RECOMMENDATIONS.
20. SUFFICIENT VALVES SHALL BE PROVIDED IN NEW AND RELOCATED WATER MAINS TO MINIMIZE INCONVENIENCE AND SANITARY HAZARDS DURING REPAIRS.
21. AT HIGH POINTS WHERE AIR CAN ACCUMULATE IN NEW AND RELOCATED WATER MAINS, AIR RELEASE VALVES SHALL BE PROVIDED TO REMOVE AIR.
22. AUTOMATIC AIR RELEASE VALVES ON NEW AND RELOCATED WATER MAINS SHALL NOT BE LOCATED WHERE FLOODING OF THE VALVE MANHOLE OR CHAMBER COULD OCCUR.
23. HYDRANT DRAINS, FLUSHING DEVICES, AIR RELEASE VALVES OR CHAMBERS, MANHOLES CONTAINING VALVES, BLOW-OFFS, METERS, AIR CONDITIONING CONDENSATE WATER DRAIN LINES OR OTHER APPURTENANCES PROVIDED IN CONJUNCTION WITH NEW AND RELOCATED WATER MAINS SHALL NOT BE CONNECTED DIRECTLY TO ANY SANITARY OR STORM SEWER.
24. STONES FOUND IN TRENCHES FOR NEW AND RELOCATED WATER AND SANITARY SEWER MAINS SHALL BE REMOVED TO A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF PIPE. CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THESE TRENCHES. THIS BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND PIPE TO A SUFFICIENT HEIGHT ABOVE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE.
25. ALL TEES, BENDS, PLUGS, AND HYDRANTS IN NEW AND RELOCATED WATER MAINS SHALL BE PROVIDED WITH RESTRAINED JOINTS TO PREVENT MOVEMENT. EBAA WEAALUG MECHANICAL JOINT RESTRAINTS OR APPROVED ALTERNATIVE (NOT THRUST BLOCKS) SHALL BE USED WITH MANUFACTURERS RECOMMENDATIONS. ALL RESTRAINED JOINTS SHALL BE LEFT OPEN UNTIL INSPECTED BY THE CITY.
26. A 24" MINIMUM COVER SHALL BE PROVIDED ABOVE ANY NEW OR RELOCATED WATER OR WASTEWATER MAIN CROSSING UNDER ANY SURFACE WATER. PROVIDE THE FOLLOWING FEATURES IF WIDTH OF SURFACE WATER IS GREATER THAN 15' AT THIS CROSSING:
A) FLEXIBLE WATER TIGHT JOINTS THROUGHOUT THE CROSSING
B) EASILY ACCESSIBLE VALVES LOCATED IN A MANHOLE
C) PERMANENT TAPS ON EACH SIDE OF VALVE WITHIN THE MANHOLE TO ALLOW FOR SAMPLING AND INSERTION OF A SMALL NETER TO DETERMINE LEAKAGE
27. PROPER BACKFLOW PREVENTION SHALL BE PROVIDED IN ACCORDANCE WITH RULE 62-555.360 F.A.C. (CROSS-CONNECTION CONTROL FOR PUBLIC WATER SYSTEMS).
28. THIS PROJECT SHALL NOT INCLUDE ANY INTERCONNECTION BETWEEN PREVIOUSLY SEPARATE PUBLIC WATER SYSTEMS HAVING SEPARATE WATER SUPPLY SOURCES.
29. ANY NEW AND RELOCATED WATER LATERALS SHALL CROSS ABOVE SANITARY SEWER PIPE OR PROVIDE PROTECTION TO PREVENT CONTAMINATION AS REQUIRED BY FDEP AND OTHER APPLICABLE STANDARDS.
30. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY FOR WATER AND SANITARY SEWER EXTENSIONS.
31. CONTRACTOR SHALL PROVIDE 10 AWG TRACER WIRE ABOVE ALL NEW AND RELOCATED WATER AND SANITARY SEWER MAINS.
32. LOCATOR DEVICES SHALL BE PROVIDED AT WATER AND SANITARY SEWER TAP LOCATIONS.
33. WHEN CONNECTING WASTEWATER TO AN EXISTING MANHOLE: CORE DRILL MANHOLE FOR INSTALLATION OF WASTEWATER PIPE. INSTALL PIPE WITH KOR-N-SEAL OR EQUAL BOOT. GROUT ANNULAR SPACE WITH NON-SHRINK GROUT. COORDINATE WITH CITY OF LAKE CITY INSPECTOR 48 HOURS IN ADVANCE.

REVISIONS

DATEDESCRIPTION



Crows Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022
349 SW CREWS FARM TERRACE
LAKE CITY, FL 32025
PHONE: 386.623.4303

Brett A. Crews, P.E. 65592

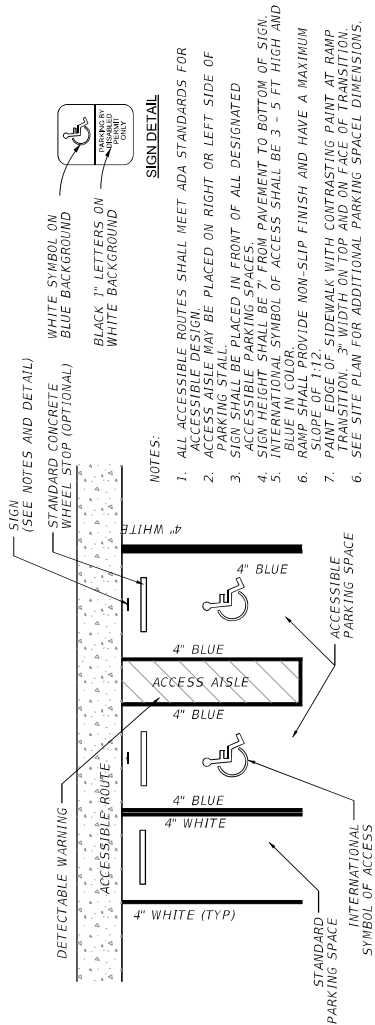
FORT WHITE COMMUNITY
THRIFT SHOP SITE

CES PROJECT NO.: 2019-03

GENERAL NOTES

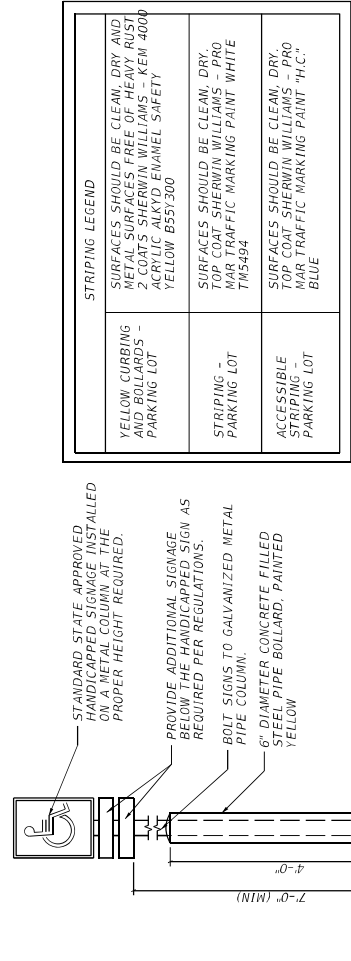
SHEET

DET 1

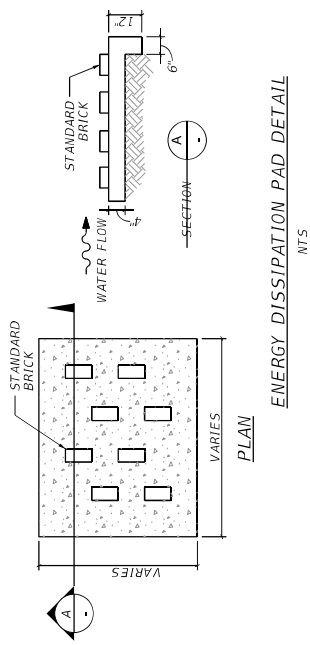


- NOTES:**
1. ALL ACCESSIBLE ROUTES SHALL MEET ADA STANDARDS FOR ACCESSIBLE DESIGN.
 2. ACCESS AISLE MAY BE PLACED ON RIGHT OR LEFT SIDE OF PARKING STALL.
 3. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED ACCESSIBLE PARKING SPACES.
 4. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
 5. REFLECTIVE SYMBOL OF ACCESS SHALL BE 3' - 5' FT HIGH AND BLUE IN COLOR.
 6. RAMP SHALL PROVIDE NON-SLIP FINISH AND HAVE A MAXIMUM SLOPE OF 1:12.
 7. PAINT EDGE OF SIDEWALK WITH CONTRASTING PAINT AT RAMP TRANSITION. 3" WIDTH ON TOP AND ON FACE OF TRANSITION.
 6. SEE SITE PLAN FOR ADDITIONAL PARKING SPACEL DIMENSIONS.

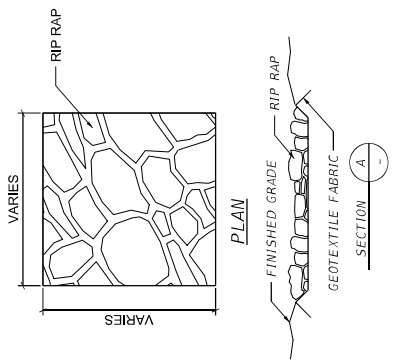
TYPICAL OFF-STREET PARKING DETAIL
NTS



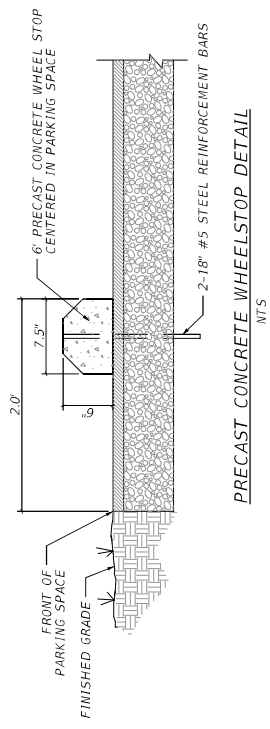
ACCESSIBLE PARKING SIGN DETAIL
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ENERGY DISSIPATION PAD DETAIL
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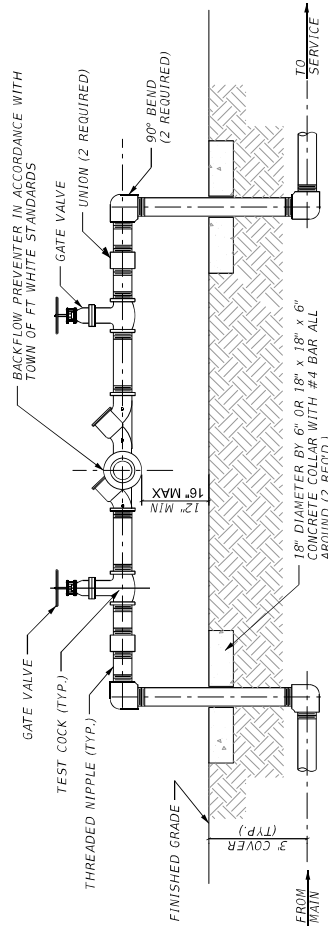


RIP RAP DETAIL
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PRECAST CONCRETE WHEELSTOP DETAIL
NTS

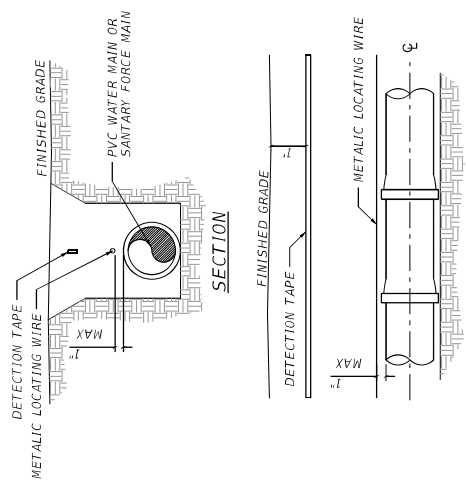
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		DATE	DESCRIPTION							
CES PROJECT NO.: 2019-03		DET2								



- NOTES:
1. ALL PIPE AND FITTINGS 2" AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL OR BRASS.

REDUCED PRESSURE ZONE BACKFLOW PREVENTER DETAIL

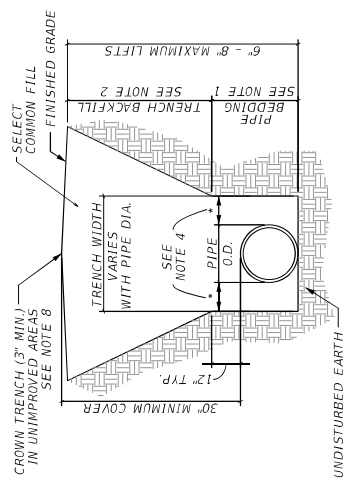
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- NOTES:
1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (14 GAUGE COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR (CABLE LOCATOR SHALL BE INSTALLED ABOVE THE CENTERLINE OF THE PIPE AND BE CAPABLE OF EXTENDING 12\"/>
 2. LOCATING TAPE SHALL BE INSTALLED 1 FOOT BELOW FINAL GRADE OVER THE CENTERLINE OF THE PIPE. THE TAPE INSTALLED 1 FOOT BELOW FINAL GRADE SHALL BE THE DETECTABLE TYPE. THE TAPE SHALL BE LAID CONTINUOUSLY WITHOUT GAPS BETWEEN ENDS OVER ALL INSTALLED PIPING. THE TAPE SHALL HAVE THE WORDS "CAUTION, WATER LINE BURIED BELOW" PRINTED CONTINUOUSLY ALONG LENGTH.

PIPE LOCATING DETAIL

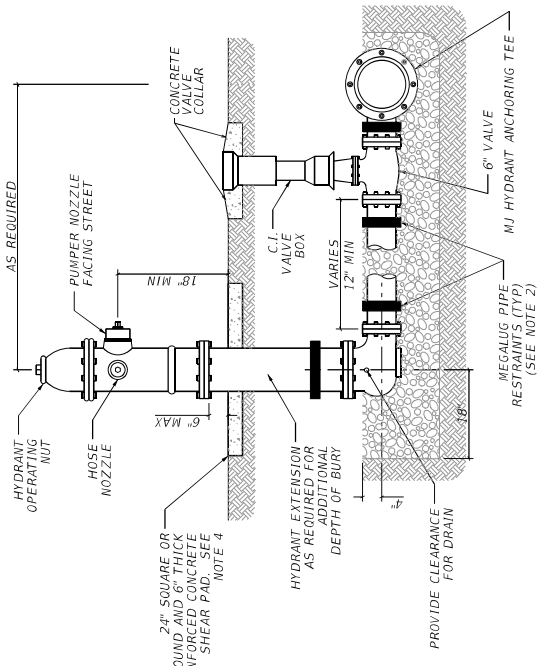
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- NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
 3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IF BEDDING OCCURS.
 4. (*) IF BEDDING OCCURS FOR PIPE DIAMETER LESS THAN 24\"/>
 5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
 6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
 7. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY.
 8. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY. WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED AREAS SHALL COMPLY WITH THE REQUIREMENTS OF THE ROAD CONSTRUCTION SPECIFICATIONS.

TRENCH AND BACKFILL DETAIL

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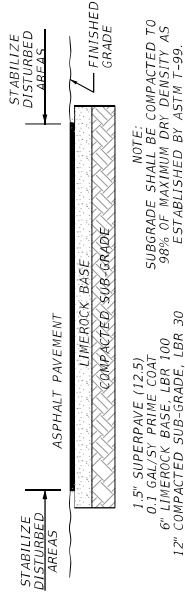


- NOTES:
- 1) GRAVEL TO BE PLACED AROUND DRAIN
 - 2) ALL MECHANICAL JOINTS SHALL BE RESTRAINED BY MEGALUG RESTRAINTS OR APPROVED EQUAL
 - 3) THE DEVELOPER MAY INSTALL THE SHEAR PAD RECESSED UP TO 4 INCHES BELOW FINISHED GRADE AND SOD THE RECESSED SECTION

FIRE HYDRANT ASSEMBLY DETAIL

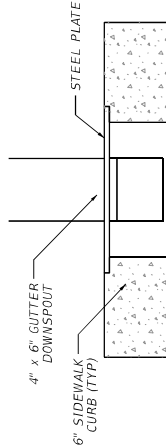
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CES Crews Engineering Services, LLC		CERTIFICATE OF AUTHORIZATION NO. 28022 349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303	REVISIONS <table><thead><tr><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody></tbody></table>	DATE	DESCRIPTION	PORT WHITE COMMUNITY THRIFT SHOP SITE		MISCELLANEOUS NOTES AND DETAILS	SHEET
				DATE	DESCRIPTION				
CES PROJECT NO.: 2019-03		DET 3							
				Brett A. Crews, P.E. 65592					



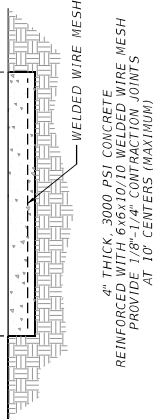
STANDARD DUTY ASPHALT PAVEMENT SECTION

NTS



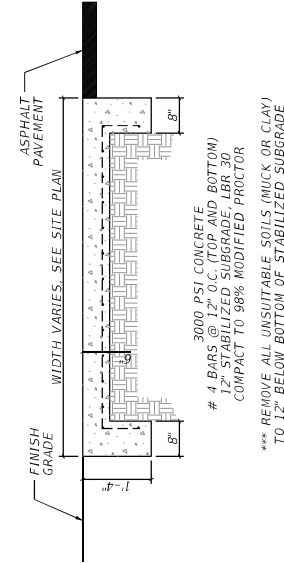
GUTTER DOWNSPOUT AT SIDEWALK DETAIL

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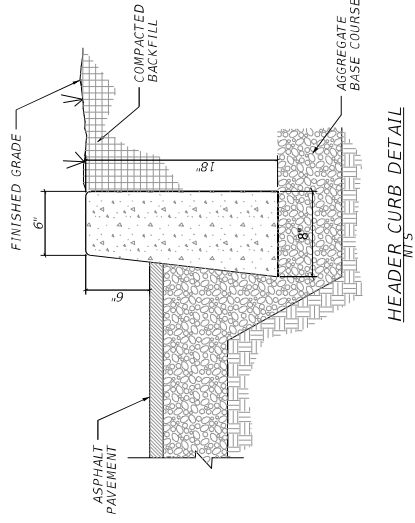
TYPICAL CONCRETE SIDEWALK DETAIL

NTS



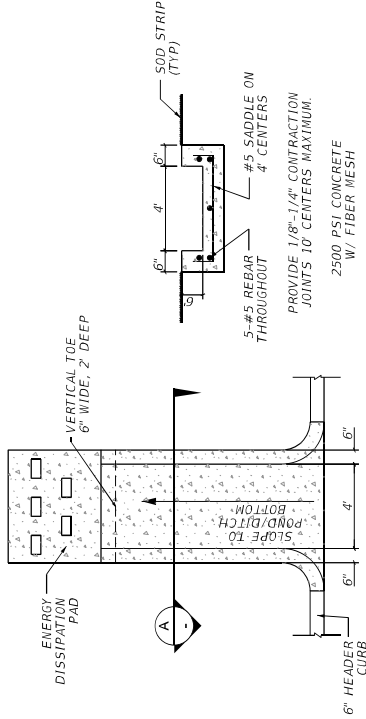
TYPICAL CONCRETE DUMPSTER/LOADING PAD DETAIL

NTS



HEADER CURB DETAIL

NTS



SECTION A-A

PLAN

CONCRETE FLUME DETAIL

NTS



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Brett A. Crews, P.E. 65592

FORT WHITE COMMUNITY
THRIFT SHOP SITE

CES PROJECT NO.: 2019-03

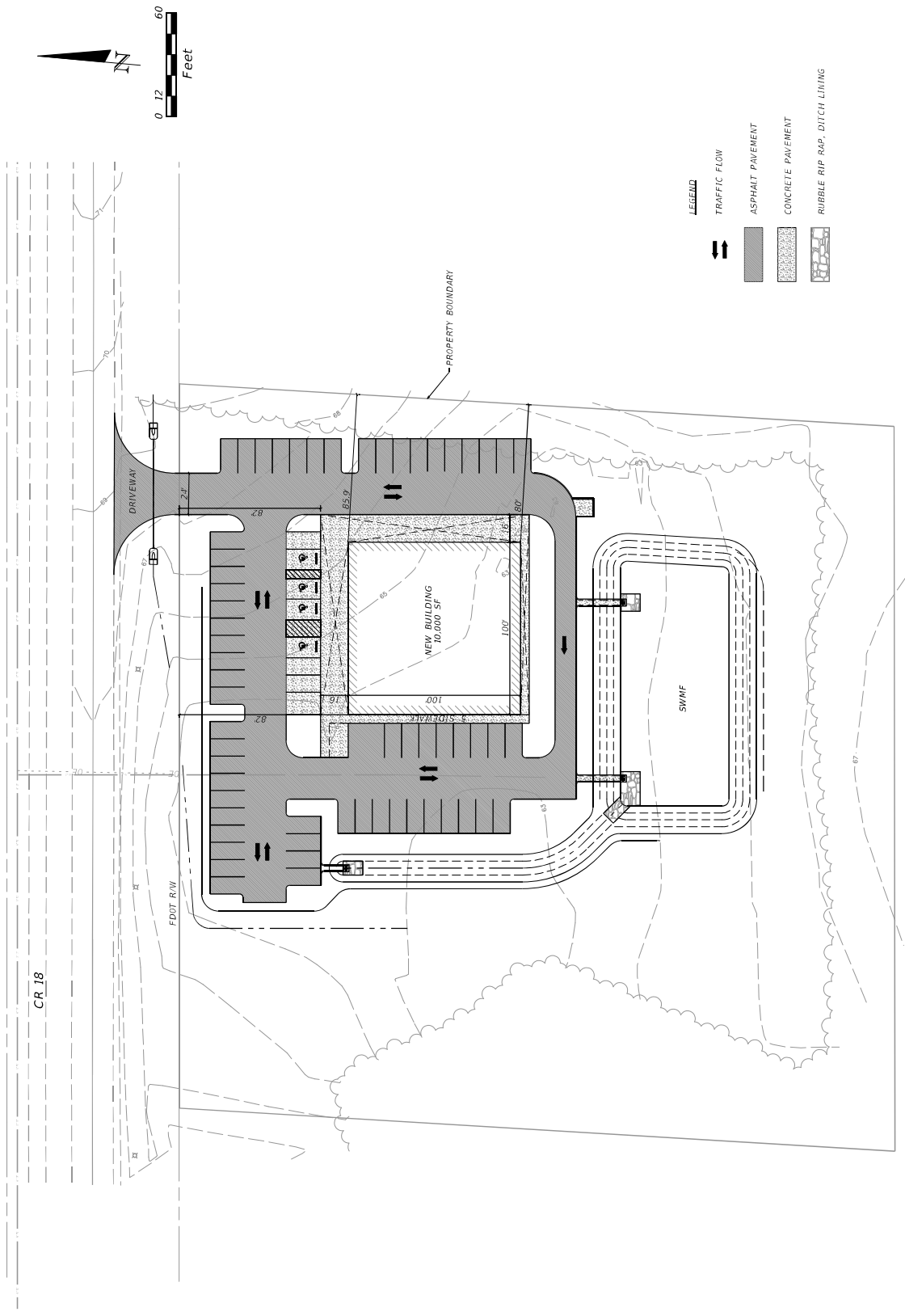
MISCELLANEOUS NOTES AND DETAILS

SHEET

DET 4



CES Crews Engineering Services, LLC CERTIFICATE OF AUTHORIZATION NO. 28022 349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303		Brett A. Crews, P.E. 65592		FORT WHITE COMMUNITY THRIFT SHOP SITE CES PROJECT NO.: 2019-03		<i>EXISTING CONDITIONS</i>		SHEET							
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NO. 28022
349 SW CREWS FARM TERRACE
LAKE CITY, FL 32025
PHONE: 386.623.4303

Brett A. Crews, P.E. 65592

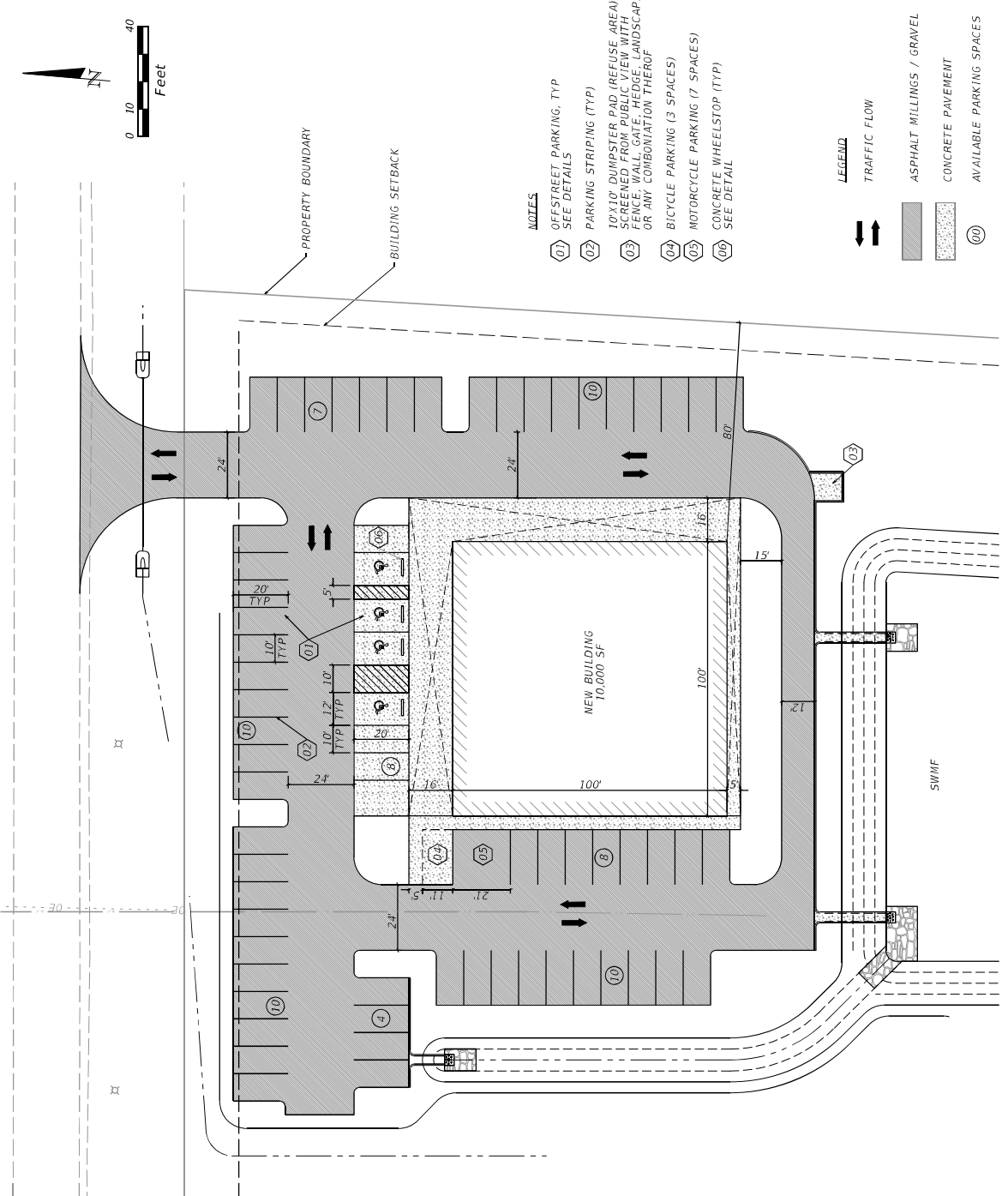
FORT WHITE COMMUNITY
THRIFT SHOP SITE

CES PROJECT NO.: 2019-03

OVERALL
SITE PLAN

SHEET
S172

DATE	REVISIONS	DESCRIPTION



GENERAL PROJECT INFORMATION
PARCEL #: 34-6S-16-04059-003
FUTURE LAND USE: COMMERCIAL
ZONING: COMMERCIAL GENERAL (CG)

DEVELOPMENT DATA
TOTAL SITE AREA = 174,409 SF = 4.0 ACRES
PROPOSED CONDITIONS IMPERVIOUS AREAS
TOTAL IMPERVIOUS AREA = 45,600 SF
CONCRETE PAVEMENT = 7,100 SF
ASPHALT MILLINGS = 28,500 SF

TOTAL PROPOSED IMPERVIOUS AREA = 45,600 SF
(26.1% SITE AREA)
FAR = 16,500 SF / 174,409 SF = .037
MINIMUM BUILDING/YARD SETBACKS PER LDC
FRONT YARD = 20' REAR YARD = 10'
SIDE YARD = 10'

BOUNDARY AND TOPOGRAPHICAL
THE BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN
IN THESE PLANS IS BASED ON A SURVEY BY
JOHN C. DRIGGERS, PROFESSIONAL SURVEYOR AND MAPPER
ELEVATION BASED ON NAVD88 DATUM
UTILITIES

WATER SERVICE:
TO BE PROVIDED BY CONNECTION TO EXISTING
TOWN OF FORT WHITE PUBLIC WATER SYSTEM SERVICE
WASTEWATER SERVICE:
TO BE PROVIDED BY ONSITE WASTEWATER TREATMENT SYSTEM
DESIGN AND PERMITTING BY OTHERS

FIRE PROTECTION:
TO BE PROVIDED BY NEW FIRE HYDRANT ALONG CR 18
ELECTRIC SERVICE:
TO BE PROVIDED BY CONNECTION TO EXISTING
CLAY ELECTRIC SYSTEM ALONG CR 18

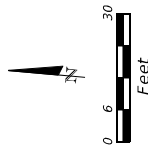
DRAINAGE
THE PROPOSED STORM WATER MANAGEMENT
SYSTEM WILL MEET THE REQUIREMENTS OF THE
SWMD AS A DRY RETENTION SYSTEM
PARKING CALCULATIONS

AUTOMOBILE PARKING
RETAIL SALES AND SERVICES:
ONE SPACE PER 150 SF OF FLOOR AREA
REQUIRED AUTOMOBILE PARKING =
10,000 SF / 150 = 67 SPACES
AVAILABLE STANDARD AUTOMOBILE PARKING = 63 SPACES
ACCESSIBLE PARKING:
1 PER 25 REQUIRED = 3 SPACES
AVAILABLE ACCESSIBLE PARKING = 4 SPACES
BICYCLE PARKING
1 SPACE PER 20 REQUIRED AUTOMOBILE PARKING =
67 SPACES / 20 = 3 SPACES
MOTORCYCLE PARKING
1 SPACE PER 10 REQUIRED AUTOMOBILE PARKING =
67 SPACES / 10 = 7 SPACES

- NOTES
- 01 OFFSTREET PARKING, TYP SEE DETAILS
 - 02 PARKING STRIPING (TYP)
 - 03 10'X10' DUMPSTER PAD (REFUSE AREA) SCREENED FROM PUBLIC VIEW WITH FENCE, WALL, GATE, HEDGE, LANDSCAPING OR ANY COMBINATION THEREOF
 - 04 BICYCLE PARKING (3 SPACES)
 - 05 MOTORCYCLE PARKING (7 SPACES)
 - 06 CONCRETE WHEELSTOP (TYP) SEE DETAIL

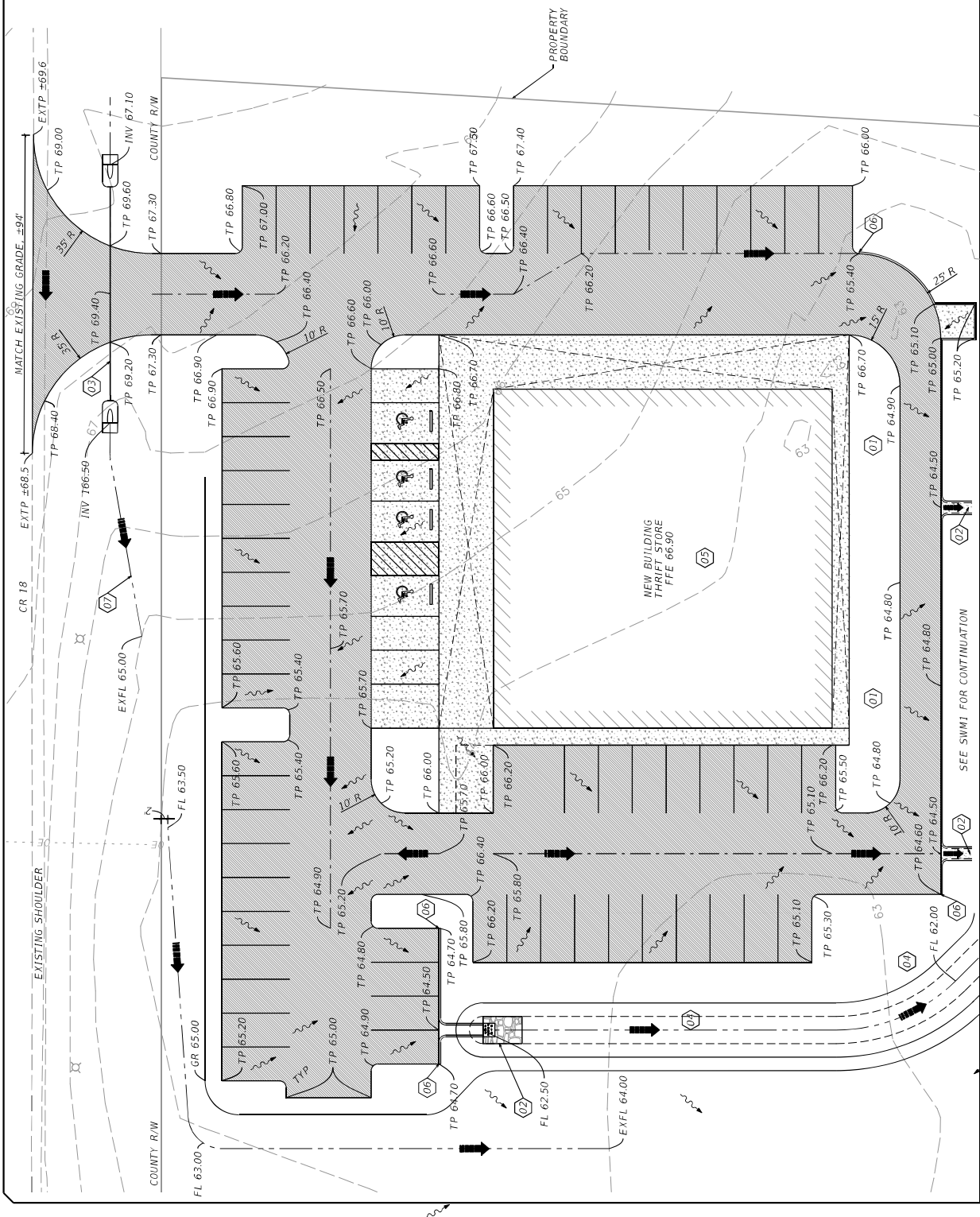
- LEGEND
- TRAFFIC FLOW
 - ASPHALT MILLINGS / GRAVEL
 - CONCRETE PAVEMENT
 - AVAILABLE PARKING SPACES

REVISIONS		CES Crews Engineering Services, LLC	CERTIFICATE OF AUTHORIZATION NO. 28022 349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303	FORT WHITE COMMUNITY THRIFT SHOP SITE	SITE PLAN	SHEET			
DATE							CES PROJECT NO.: 2019-03	Brett A. Crews, P.E. 65592	S172



- NOTES**
- 01 NON PAVED AREAS WITHIN 6' OF BUILDING AND PAVED AREAS SHALL HAVE A GRADED SLOPE AWAY FROM BUILDING BETWEEN 2% AND 12.5%
 - 02 CONCRETE FLUME SLOPE TO POND BOTTOM
 - 03 SWP-1, 18" PIPE (SD) WITH MES, 76 LF DRAINAGE SWALE, SLOPE TO BOTTOM OF POND SEE DETAILS
 - 04 ROUTE RUNOFF FROM ROOF TO STORMWATER MANAGEMENT SYSTEM
 - 05 6" HEADER CURB, ±255 LF (TOTAL)
 - 06 REGRADE ROADSIDE DITCH TO PREVIOUS ELEVATION, 1V-4H MAX FRONT SLOPES
 - 07 SOD ALL DISTURBED AREAS

- TOP OF PAVEMENT EL
- TOP OF SIDEWALK EL
- GROUND EL
- SHEET FLOW
- CHANNEL FLOW
- CONCRETE PAVEMENT, SEE DETAILS
- ASPHALT PAVEMENT
- RUBBLE RIP RAP, SEE DETAIL



REVISIONS

DATE

DESCRIPTION

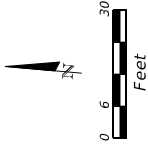
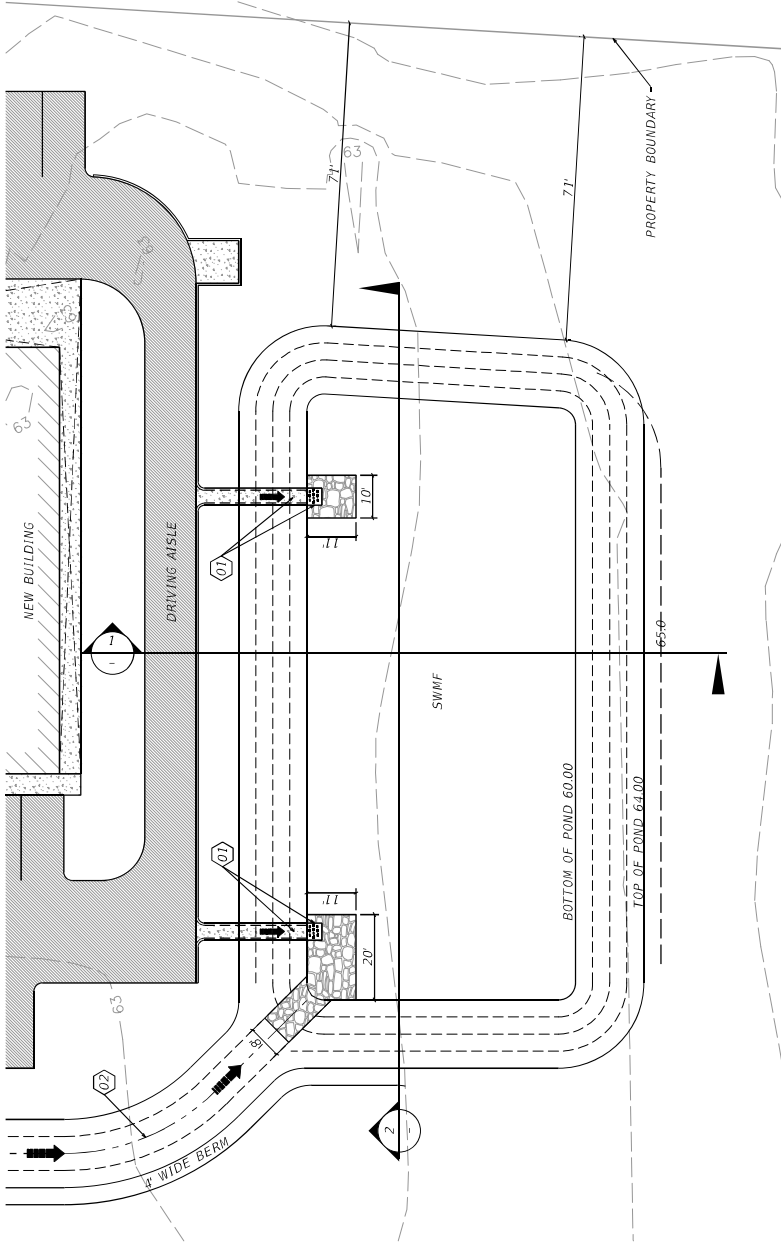
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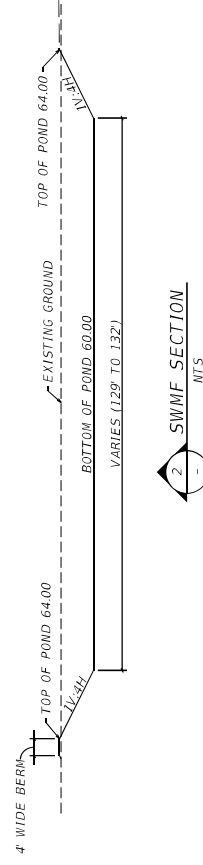
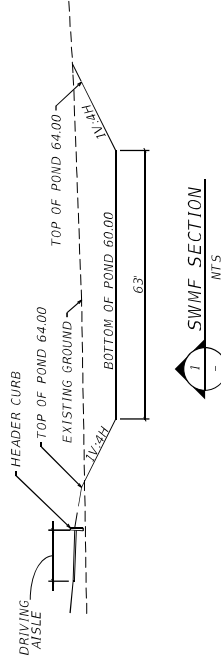
PAVING AND DRAINAGE PLAN

SHEET
 PAV 1



NOTES

- (01) CONCRETE FLUME WITH ENERGY DISSIPATION PAD
SLOPE TO AND TERMINATE AT POND BOTTOM
- (02) DRAINAGE SWALE
SLOPE TO AND TERMINATE AT POND BOTTOM
SEE DETAIL
- (03) RUBBLE RIP RAP
MATCH FL AND SIDE SLOPES
OF DRAINAGE SWALE
SEE DETAIL



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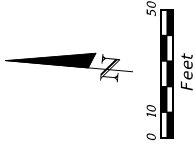
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**SURFACE WATER
MANAGEMENT FACILITY
PLAN AND DETAILS**

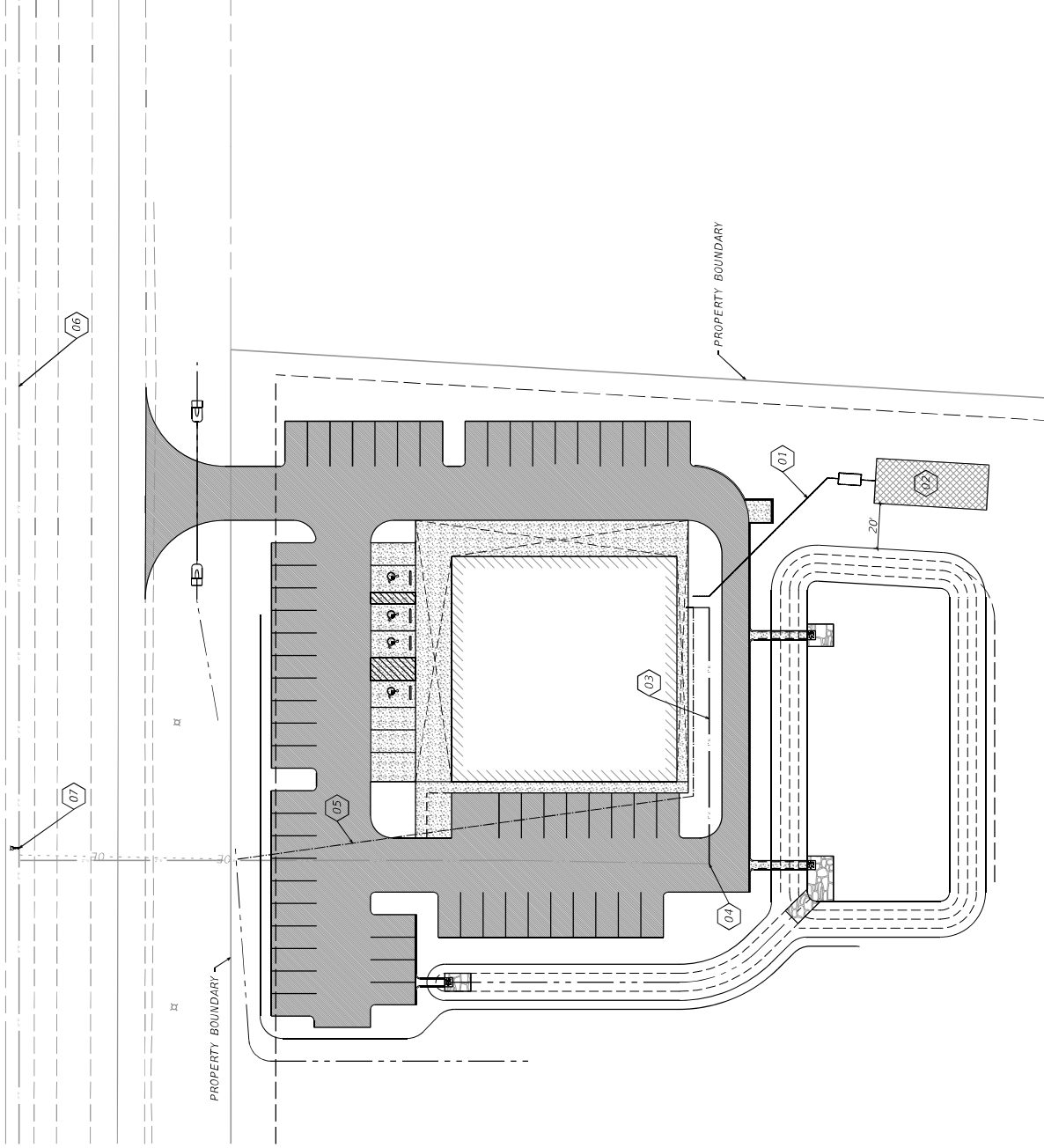
SHEET

SWM1



NOTES

- 01 GRAVITY SANITARY SEWER TO SERVICE NEW BUILDING. PLACE CLEAN-OUTS AS REQUIRED. SEE BUILDING PLANS FOR CONTINUATION.
- 02 ON-SITE SEPTIC SYSTEM. APPROXIMATE LOCATION AND SIZE. DESIGN AND PERMITTING BY OTHERS.
- 03 1" WATER LINE, ±125 LF TO SERVICE NEW BUILDING. SEE BUILDING PLANS FOR CONTINUATION.
- 04 CONNECT TO EXISTING WATER SERVICE COORDINATE WITH TOWN OF FT. WHITE FOR EXACT LOCATION PRIOR TO CONSTRUCTION.
- 05 ELECTRIC POWER FROM EXISTING POLE TO SERVICE NEW BUILDING. COORDINATE WITH FT. CLAY ELECTRIC FOR EXACT LOCATION.
- 06 EXISTING TOWN OF FT. WHITE WATER MAIN APPROXIMATE LOCATION.
- 07 FIRE HYDRANT ASSEMBLY. CONNECT TO EXISTING WATER MAIN WITH TAPPING SLEEVE AND VALVE.



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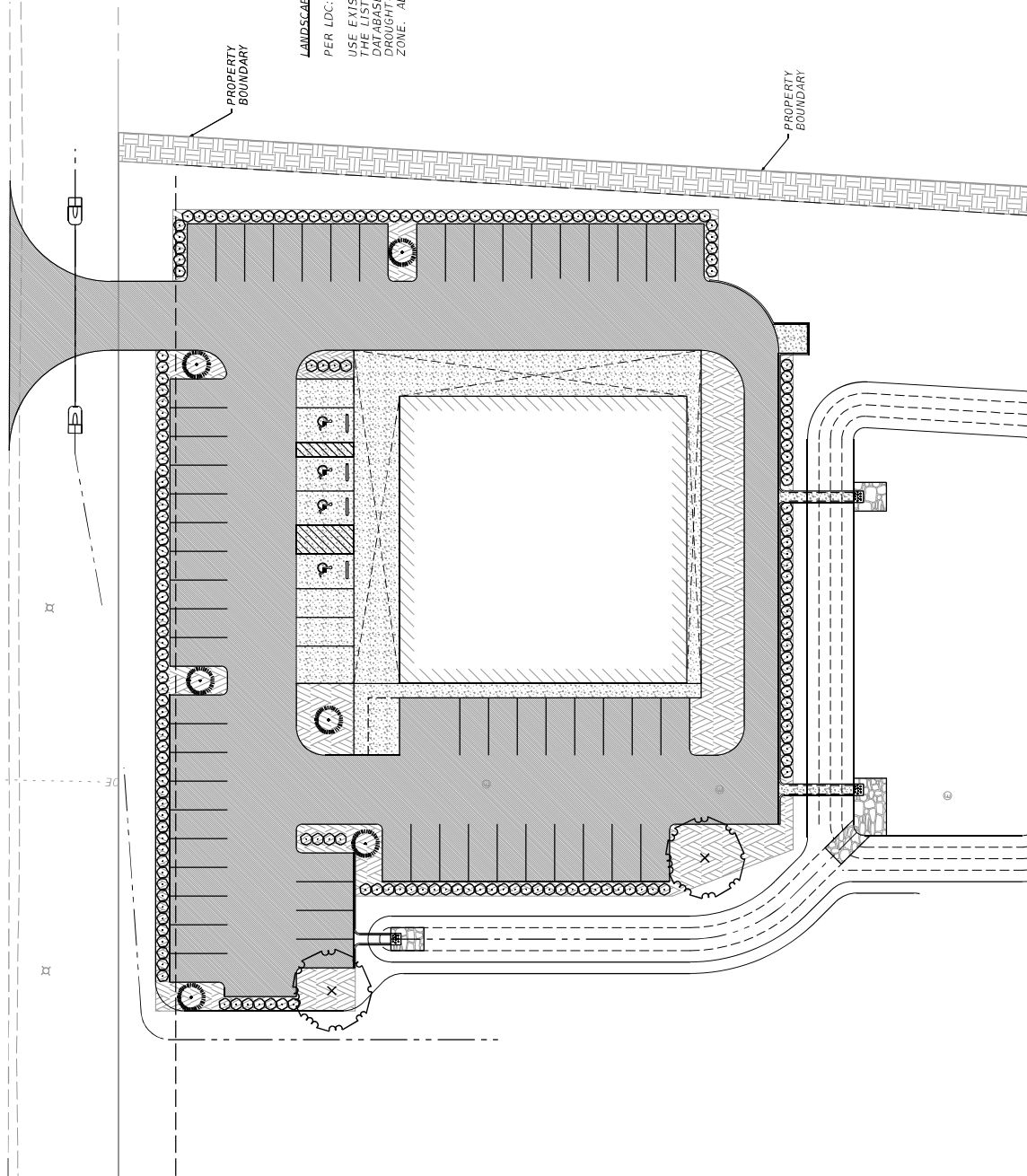
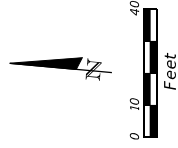
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UTILITY PLAN

SHEET

UTY 1

CR 18



LANDSCAPING

PER LDC:

USE EXISTING NATIVE VEGETATION WHERE POSSIBLE. PLANTS SHALL BE SELECTED FROM THE LIST OF RECOMMENDED PLANTS CONTAINED IN THE FLORIDA-FRIENDLY LANDSCAPING DATABASE, OR THOSE DEMONSTRATED TO BE NATIVE OR ADAPTIVE SPECIES THAT ARE DROUGHT-TOLERANT. SELECT APPROPRIATE PLANTS FOR THE NORTH FLORIDA HARDINESS ZONE. ALL PLANTS SHALL MEET FLORIDA NUMBER ONE GRADES AND STANDARDS

LEGEND

LDC LAND DEVELOPMENT CODE

SHRUB

CANOPY TREE

UNDERSTORY TREE

VEHICLE USE AREA LANDSCAPING:
TO BE LANDSCAPED WITH SHRUBS, TREES, FLOWERING PLANTS
AND GROUND COVER (NOT SOD OR TURF GRASSES)

10' WIDE BUFFER ZONE LANDSCAPING:
21 CANOPY TREES, 9 UNDERSTORY TREES, 84 SHRUBS
SPREAD OUT EVENLY ALONG LENGTH OF BUFFER

AS A VARIATION TO THE ABOVE LDC REQUIREMENT:
EXISTING NATIVE VEGETATION TO REMAIN AND SERVE
AS BUFFER ZONE LANDSCAPING

EXISTING TREE LINE
TO REMAIN WHERE POSSIBLE
ONLY CLEAR AREA NEEDED FOR PROPOSED IMPROVEMENTS

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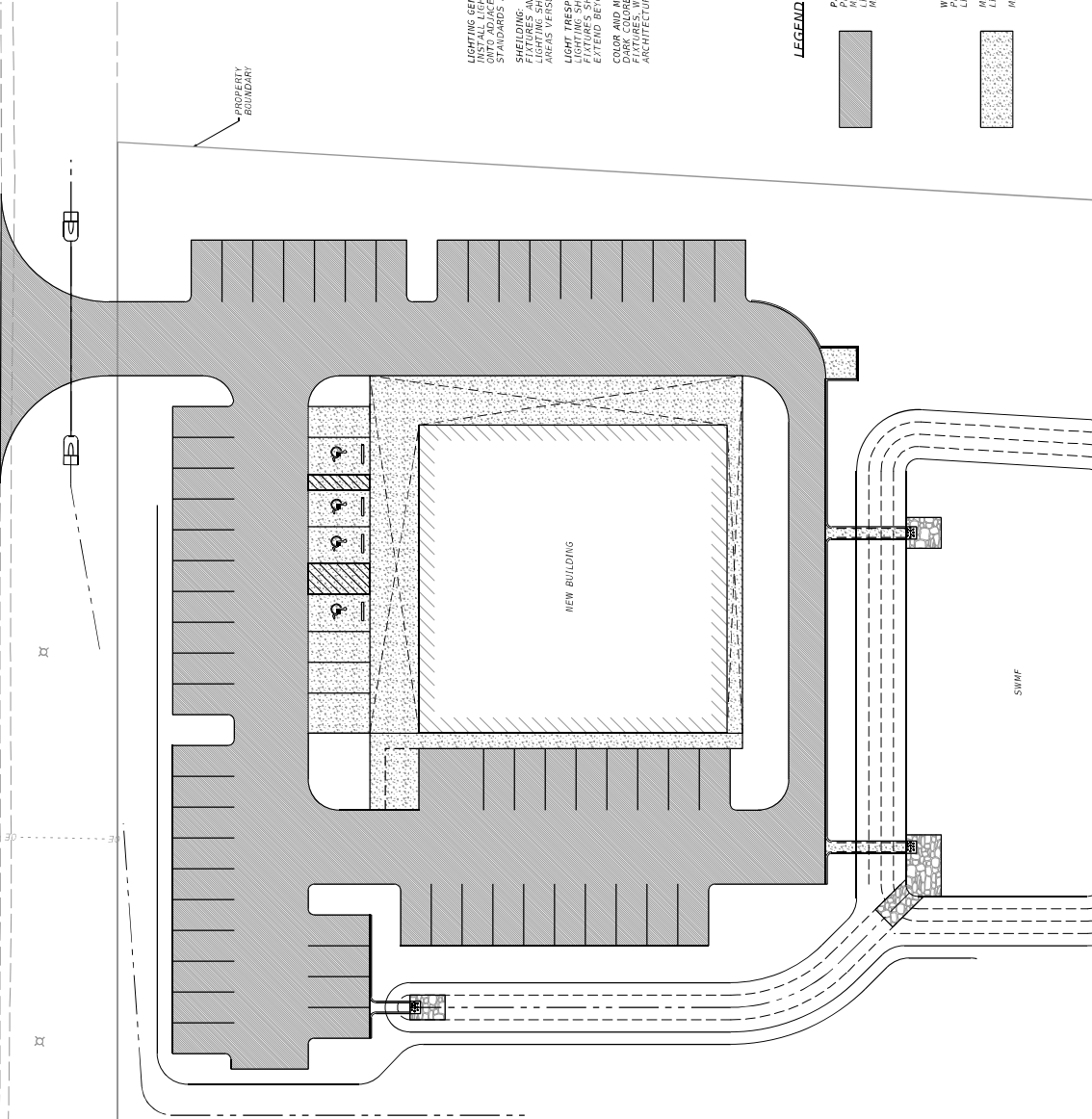
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LANDSCAPE PLAN

SHEET

LSPI

CR 18



LIGHTING GENERAL NOTES:
PROVIDE ADEQUATE MOTORIST AND PEDESTRIAN SAFETY. DO NOT PROVIDE GLARE ONTO ADJACENT PROPERTY. MEET ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA (IES) STANDARDS AND GUIDELINES.

SHIELDING:
LAMP GLASS AND LUMINAIRE SHALL EMPLOY FULLY SHIELDED AND DIRECTED LIGHTING. LIGHTING SHALL NOT RESULT IN EXCESSIVE SHADOWS OR HIGH CONTRAST BRIGHT AREAS VERSUS DARK AREAS.

LIGHT TRESPASS:
LIGHTS SHALL BE DESIGNED TO MINIMIZE THE TRESPASS INTO ADJACENT LAND USES. LIGHTS SHALL BE DESIGNED AND PLACED SO THAT THE CORE OF LIGHT DOES NOT EXTEND BEYOND THE PROPERTY LINE.

COLOR AND MATERIALS:
DARK COLORED FIXTURES SHALL BE USED FOR ALL POLE-MOUNTED LIGHTS. ALL LIGHT FIXTURES SHALL BE DESIGNED TO COMPLEMENT THE ARCHITECTURAL STYLE AND COLOR OF THE BUILDING AND OTHER SITE FEATURES.

LEGEND

-  PARKING LOT:
PROVIDE LIGHTING FOR ALL PARKING AREAS
0.2-2.5 (0.8 AVG.)
METAL HALIDE, FULL CUT OFF FIXTURE
16 FT
MAXIMUM HEIGHT:
-  WALKWAYS AND BUILDING MOUNTED LIGHTING:
PROVIDE ADEQUATE LIGHTING FOR ALL PEDESTRIAN WALKWAYS THROUGH THE USE OF LIGHT FEATURES SUCH AS STANDARD LUMINAIRES, STREET LAMPS, AND/OR BOLLARDS
0.5-1.5
METAL HALIDE OR INCANDESCENT, FULL CUT OFF FIXTURE
MAXIMUM FOOT-CANDLE:
LIGHTING AND LAMP STYLE:
12 FT OR
DECORATIVE POST OR POST/BOLLARD MOUNTED
MAXIMUM HEIGHT:
10 FT FOR BUILDING MOUNTED

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FORT WHITE COMMUNITY
THREAT SHOP 5118

CES PROJECT NO. 2019-03

LIGHTING PLAN

SHEET

LTG1

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE FDOT SPECIFICATIONS, THE FDOT STANDARD PLANS, EROSION & SEDIMENT CONTROL MANUAL (E&SC) AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDES SEVERAL ITEMS: * THIS NARRATIVE DESCRIPTION AND DOCUMENTS REFERENCED IN THIS NARRATIVE * THE CONTRACTORS APPROVED EROSION CONTROL PLAN REQUIRED BY FDOT SPECIFICATION SECTION 104 * REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION * CONTRACTORS AND SUBCONTRACTORS SIGNED CERTIFICATIONS OF SWPPP THE SWPPP MUST BE KEPT CURRENT AND UPDATED WITHIN 7 CALENDAR DAYS OF THE EVENT. ALL CHANGES MUST BE SIGNED, DATED KEPT AS ATTACHMENTS TO THE ORIGINAL SWPPP AND POSTED ON THE PROJECT BULLETIN BOARD. 1.0 SITE DESCRIPTION: 1. A. DESCRIPTION OF CONSTRUCTION ACTIVITY: LOCATED ON SR 207 IN ST. JOHNS COUNTY FROM MP 3.139 (NEAR COWPIN BRANCH RD. INTERSECTION) TO MP 10.406 (BEGINNING OF CURB & GUTTER). THIS PROJECT CONSISTS OF MILLING AND RESURFACING TRAVEL LANES, SHOULDERS, TURN LANES, CROSS OVERS, AND SIDE STREETS. 1. B. MAJOR SOIL DISTURBING ACTIVITIES CLEARING AND GRUBBING ENTIRE SITE, PIPE INSTALLATION 1. C. AREA ESTIMATES TOTAL SITE AREA (ACRES): 1.50 AC TOTAL AREA TO BE DISTURBED (ACRES): 1.50 AC 1. D. RUNOFF DATA BEFORE: WOODED AFTER: 70% IMPERVIOUS RECEIVING WATER NAME: LOCAL RETENTION POND THEN ALLIGATOR LAKE		1. E. SITE MAP THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAP. IF AN ADDITIONAL MAP WITH CONTOUR INFORMATION IS REQUIRED, PROVIDE THE APPROPRIATE USGS QUADRANGLE MAP FOR THIS PURPOSE. FLAG SENSITIVE/WETLAND AREAS NOT TO BE DISTURBED. 1. F. RECEIVING WATERS WATER IS PRIMARILY CONVEYED BY: * SHEET FLOW, SWALE, PIPE TO EXISTING RETENTION POND 2.0 CONTROLS 2.A. EROSION AND SEDIMENT CONTROLS EROSION AND SEDIMENT CONTROL MEASURES, AT A MINIMUM, SHALL BE PLACED: * TO PROTECT RECEIVING WATERS * IN LOCATIONS WHERE THERE IS NO DITCH BACK SLOPE * AT ALL INLETS AND PONDS * ALONG THE ROADWAY AT ALL LOCATIONS WHERE THERE IS AN ADJACENT WETLAND 2.A.1. STABILIZATION PRACTICES DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. BACKFILL AND STABILIZE WITH SOD WITHIN 48 HOURS OF COMPLETION OF THE CURING PERIOD FOR BOX CULVERTS / EXTENSIONS AND FOR ALL CROSS DRAINS OR OUTFALL MODIFICATIONS. MAINTAIN DRAINAGE UNTIL PERMANENTLY STABILIZED WHEN EMBANKMENT EXCEEDS TEN FEET OR GREATER IN HEIGHT, STABILIZE THE SIDE SLOPES AS THE EMBANKMENT IS PLACED OR IMMEDIATELY AFTER EACH TEN FEET OF EMBANKMENT IS PLACED. IF DIRT DAMS ARE TO BE USED, THE DAM MUST BE WRAPPED IN FILTER FABRIC OR AN EQUIVALENT MATERIAL TO PREVENT DIRT FROM BEING WASHED DOWNSTREAM DURING STORM EVENTS. 2.A.2. STRUCTURAL PRACTICES DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. NO MATERIAL SHALL BE STOCKPILED IN EROSION PRONE AREAS.		2.B. STORMWATER MANAGEMENT CONSTRUCT STORMWATER SYSTEMS TO CONVEY RUNOFF CONTROLLED WITH APPROVED DEVICES. 2.C. OTHER CONTROLS 2.C.1. OFF-SITE VEHICLE TRACKING AND DUST CONTROL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER. * COVERING LOADED HAUL TRUCKS WITH TARP AULINS * REMOVING EXCESS DIRT FROM ROADS DAILY * USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES * STABILIZE CONSTRUCTION ENTRANCES * SOIL TRACKING PREVENTION DEVICE 2.C.2. WASTE DISPOSAL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE STATES. 2.C.3. FERTILIZERS AND PESTICIDES DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES IN ACCORDANCE WITH FDOT SPECIFICATION 570. 2.C.4. TOXIC SUBSTANCES PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE AND DISPOSAL OF THESE SUBSTANCES. 2.C.5. SANITARY WASTE PROVIDE AND MAINTAIN PORTABLE TOILETS. LOCATIONS APPROVED BY THE ENGINEER. 2.D. WATER QUALITY MONITORING IF WATER QUALITY MONITORING EXISTS IN THE PERMIT, FOLLOW ALL CONDITIONS WITHIN PERMIT. OTHERWISE, CONDUCT WATER QUALITY MONITORING DURING ALL PHASES OF CONSTRUCTION IMPACTING ANY SOURCE OF SURFACE WATER. DESIGNATE MONITORING LOCATIONS, FREQUENCY AND DEPTH; SUBMIT TO ENGINEER FOR APPROVAL. MONITOR DISCHARGING ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS UNTIL TURBIDITY READINGS MEET REQUIREMENTS. 3.0. MAINTENANCE PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. 4.0. INSPECTION PROVIDE THE ENGINEER WITH A MINIMUM OF 24 HOUR NOTICE PRIOR TO THE WEEKLY EROSION CONTROL INSPECTION REQUIRED BY FDOT SPECIFICATION 104-7.1 INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE. 5.0. NON-STORMWATER DISCHARGES OBTAINING ALL DEWATERING PERMITS. IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES. DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES.											
<table><tr><th>DATE</th><th>REVISIONS</th></tr><tr><td></td><td>DESCRIPTION</td></tr></table>		DATE	REVISIONS		DESCRIPTION	CES Crows Engineering Services, LLC		CERTIFICATE OF AUTHORIZATION NO. 28022 349 SW CROWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303		Brett A. Crows, P.E. 65592		FORT WHITE COMMUNITY THRIFT SHOP SITE CES PROJECT NO.: 2019-03		STORMWATER POLLUTION PREVENTION PLAN SHEET SWP1	
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