

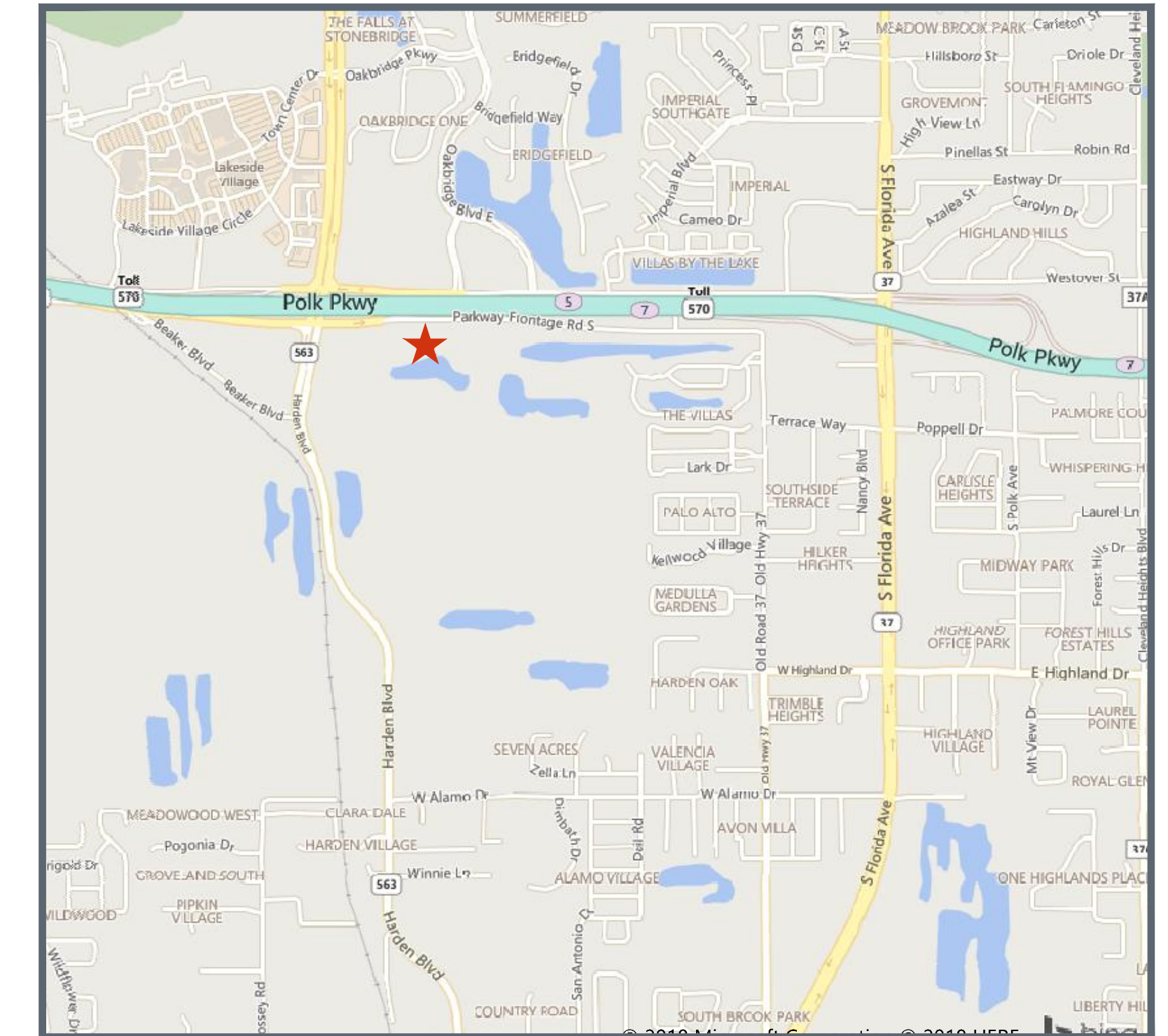
CONSTRUCTION PLANS FOR: AUTO-OWNERS INSURANCE COMPANY NEW REGIONAL OFFICE BUILDING

1120 S PARKWAY FRONTAGE ROAD, LAKELAND, FLORIDA 33813
SECTION 01, TOWNSHIP 29 SOUTH, RANGE 23 EAST



INDEX

- ~~V-01 SURVEY~~
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- ~~C-05 CITY OF LAKELAND WATER AND SEWER NOTES~~
- ~~C-06 CITY OF LAKELAND WATER DETAILS~~
- ~~C-07 CITY OF LAKELAND SEWER DETAILS~~
- C-08 STORM WATER POLLUTION PREVENTION PLAN



ENGINEER OF RECORD:
CHRISTOPHER B. SIPE, P.E.
CHASTAIN SKILLMAN, INC.
205 EAST ORANGE STREET
LAKELAND, FLORIDA 33801-4611
(863) 646.1402

OWNER/DEVELOPER:
AUTO-OWNERS INSURANCE CO.
IAN WARD
6101 ANACAPRI BLVD
LANSING, MI 48917
(517) 323.1200

ARCHITECT:
TODD S. GUTE, AIA
MAYOTTE GROUP ARCHITECTS
6240 W. MT. HOPE
LANSING, MI 48917
(517) 323.0577

UTILITY PROVIDERS:

ELECTRIC:
CITY OF LAKELAND ELECTRIC
MONIQUE JACK
501 E LEMON ST
LAKELAND, FL 33801
(863) 834.6486

WATER:
CITY OF LAKELAND WATER UTILITIES
RICK POLSTON
501 E LEMON ST
LAKELAND, FL 33801
(863) 834.6560

SEWER:
CITY OF LAKELAND WATER UTILITIES
RICK POLSTON
501 E LEMON ST
LAKELAND, FL 33801
(863) 834.6560

CABLE/FIBER:
CHARTER/SPECTRUM
TOM SANSING
1004 US HWY 92 WEST
AUBURNDALE, FL 33823
(863) 288.2340 x84264

PHONE:
FRONTIER COMMUNICATIONS
TESS BENTAYOU
120 EAST LIM ST.
(MC-FLLK 3014)
LAKELAND, FL 33801
(813) 357.1075



CHASTAIN-SKILLMAN C.A. NO 262
205 EAST ORANGE STREET, LAKELAND, FLORIDA 33801-4611
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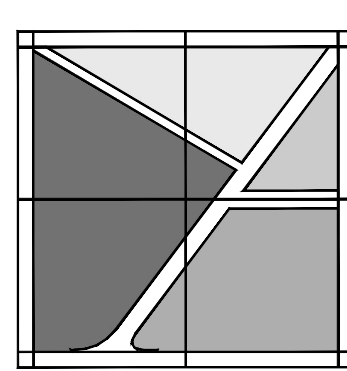
SunShine811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

Christopher B. Sipe, P.E.
State of Florida Professional Engineer, License No.42751
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ENGINEER: CHRISTOPHER B. SIPE, P.E.
REG. NO. 42751
C.S.I. JOB NO. 10011.01



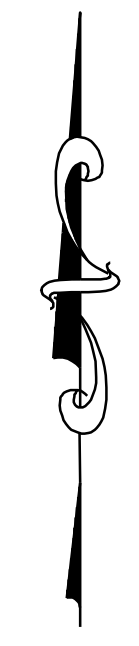
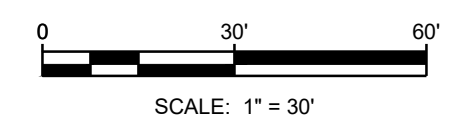
MAYOTTE group
ARCHITECTS

6240 W. Mt. Hope
Lansing, MI 48917

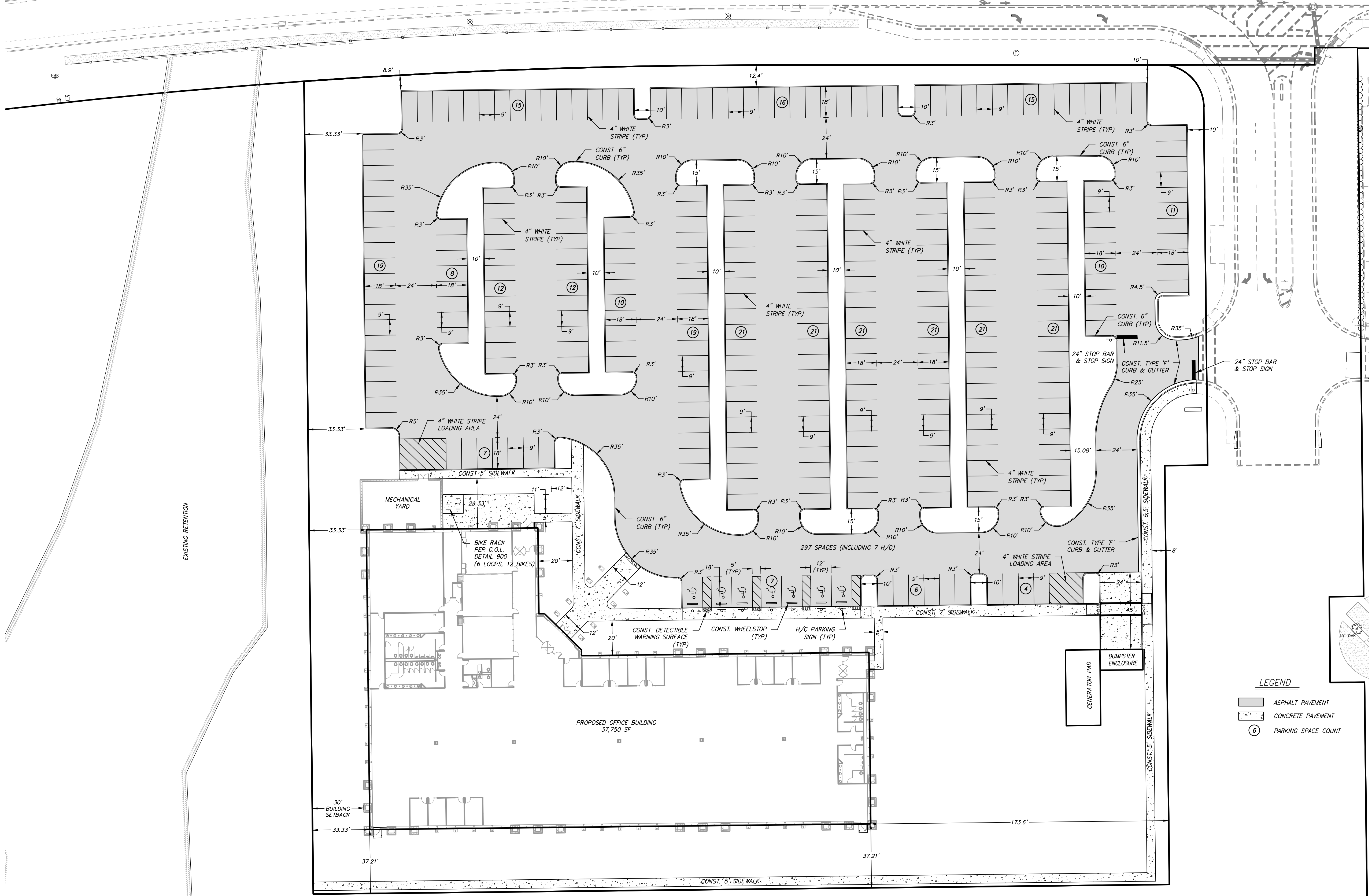
t. 517.323.0577

www.mayottearchitects.com

Auto-Owner's Insurance Company
New Regional Office Building
1120 Parkway Frontage Rd S
Lakeland, Florida 33813



SOUTH PARKWAY FRONTAGE ROAD



SITE NOTES

1. THE PROPOSED DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF LAKELAND.
2. OWNER: AUTO-OWNERS INSURANCE COMPANY
6107 ANACAPPI BLVD
LANSING, MI 48917
TELEPHONE: (517) 323-1200
3. PROPERTY LOCATION INFORMATION
ADDRESS: 1120 SOUTH PARKWAY FRONTAGE ROAD
LAKELAND, FLORIDA 33813
SECTION 01, TOWNSHIP 29 SOUTH, RANGE 23 EAST, POLK COUNTY
PARCEL ID #: 23-29-01-000000-033080
4. SETBACKS: THE APPLICABLE BUILDING SETBACKS ARE NOTED BELOW. THESE SETBACKS ARE BASED UPON CITY OF LAKELAND REQUIREMENTS.
NORTH: 100 FEET FROM PUD BOUNDARY.
WEST: 30 FEET FROM PUD BOUNDARY.
SOUTH: 30 FEET FROM PUD BOUNDARY.
EAST: 90 FEET FROM PUD BOUNDARY.
5. ZONING: PUD-38
CURRENT USE: VACANT
6. DEVELOPMENT CHARACTERISTICS: THE DEVELOPMENT WILL CONSIST OF AN OFFICE BUILDING WITH THE ASSOCIATED DRIVES, PARKING, UTILITIES, AND STORMWATER MANAGEMENT SYSTEMS. SPECIFIC DEVELOPMENT CHARACTERISTICS PERTAINING TO THE PROPOSED CONSTRUCTION ARE NOTED BELOW.
NUMBER OF FLOORS: 1 STORY
TOTAL PROPERTY SIZE: 5.61 +/- ACRES
PROPOSED GFA: 37,750 SF
BUILDING HEIGHT: 20' EAVE HT (TYP)
PROPOSED FAR: 0.15
7. PARKING REQUIREMENTS:
PER CITY OF LAKELAND STANDARDS:
OFFICE: 37,750 SF @ 1 SPACE PER 275 SF = 137 SPACES
PUD CONDITION: 297 SPACES (MAX)
PARKING PROVIDED: 297 SPACES (INC. 7 H/C SPACES)
THE PARKING PROVIDED IS BASED UPON THE EMPLOYEE BASE ASSOCIATED WITH THE PROPOSED FACILITY AND IS BASED UPON CURRENT EMPLOYEES, FUTURE GROWTH, AND VISITOR NEEDS. THESE PLANS INCLUDE A TOTAL OF 297 SPACES, INCLUDING 7 HANDICAPPED SPACES.
8. SITE CHARACTERISTICS: THE APPROXIMATE SITE CHARACTERISTICS ARE SUMMARIZED BELOW. THESE VALUES INCLUDE THE OVERALL PROPERTY.
OPEN SPACE: 2.04 AC
IMPERVIOUS AREA: 0.87 AC
PROPOSED ASPHALT, CONCRETE, WALKS, ETC.: 2.70 AC
STORM WATER RETENTION AREA: OFFSITE
TOTAL PROPERTY AREA: 5.61 AC
9. SOLID WASTE SERVICE TO BE PROVIDED BY DUMPSTERS WITH ENCLOSURES AS SHOWN.
10. BOUNDARY AND TOPOGRAPHICAL INFORMATION BASED UPON SURVEYS PERFORMED BY CHASTAIN-SKILLMAN, INC. TOPOGRAPHIC INFORMATION BASED UPON NGVD 1929 DATUM (NAVD88 -0.79')
11. ALL CONTRACTORS SHALL OBTAIN A CITY OF LAKELAND RIGHT-OF-WAY USE PERMIT PRIOR TO ANY WORK WITHIN THE RIGHTS-OF-WAY.
12. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY GHD.
13. THE DEVELOPER SHALL REQUEST TO PARTICIPATE IN THE FLORIDA DEPARTMENT OF TRANSPORTATION COMMUTER SERVICES PROGRAM OR OTHER ORGANIZATION THAT PROVIDED SIMILAR COMMUTER ASSISTANCE SERVICES, INCLUDING CARPOOL/VANPOOL PROGRAMS, WITHIN 12 MONTHS OF FINAL SITE PLAN APPROVAL.
14. PRIOR TO CERTIFICATE OF OCCUPANCY ISSUANCE, THE DEVELOPER SHALL EXECUTE AN AGREEMENT WITH THE LAKELAND AREA MASS TRANSIT DISTRICT THROUGH WHICH TRANSIT PASSES ARE PURCHASED FOR EMPLOYEES OR PAYMENT IS MADE TO ALLOW FOR FARE-FREE RIDES FOR EMPLOYEES. ELIGIBLE EMPLOYEES MAY BE LIMITED TO REGISTERED COMMUTER ASSISTANCE PROGRAM PARTICIPANTS.
15. ONE SHOWER/CHANGING ROOM FACILITY, ACCESSIBLE TO EMPLOYEES ONLY, SHALL BE CONSTRUCTED AND INCLUDED IN THE BUILDING PLANS.
16. ADJACENT PROPERTY INFORMATION:
ADJACENT PROPERTY TO THE WEST & SOUTH:
TAX PARCEL ID #: 23-29-01-000000-033100
OWNER (PER TAX RECORDS): DRUMMOND COMPANY, INC.
1301 GRASSLANDS BOULEVARD, SUITE 100
LAKELAND, FL 33803
ADJACENT PROPERTY TO THE NORTH: SOUTH PARKWAY FRONTAGE ROAD R/W
ADJACENT PROPERTY TO THE EAST:
TAX PARCEL ID #: 23-29-01-000000-033100
OWNER (PER TAX RECORDS): DRUMMOND COMPANY, INC.
1301 GRASSLANDS BOULEVARD, SUITE 100
LAKELAND, FL 33803
AND
TAX PARCEL ID #: 23-29-01-000000-033050
OWNER (PER TAX RECORDS): DRUMMOND COMPANY, INC.
1301 GRASSLANDS BOULEVARD, SUITE 100
LAKELAND, FL 33803

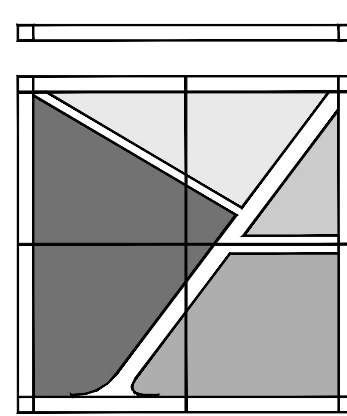
LEGEND

- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- PARKING SPACE COUNT

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Christopher B. Sipe, P.E.
State of Florida Professional Engineer, License No. 42751
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REG. NO.: 42751
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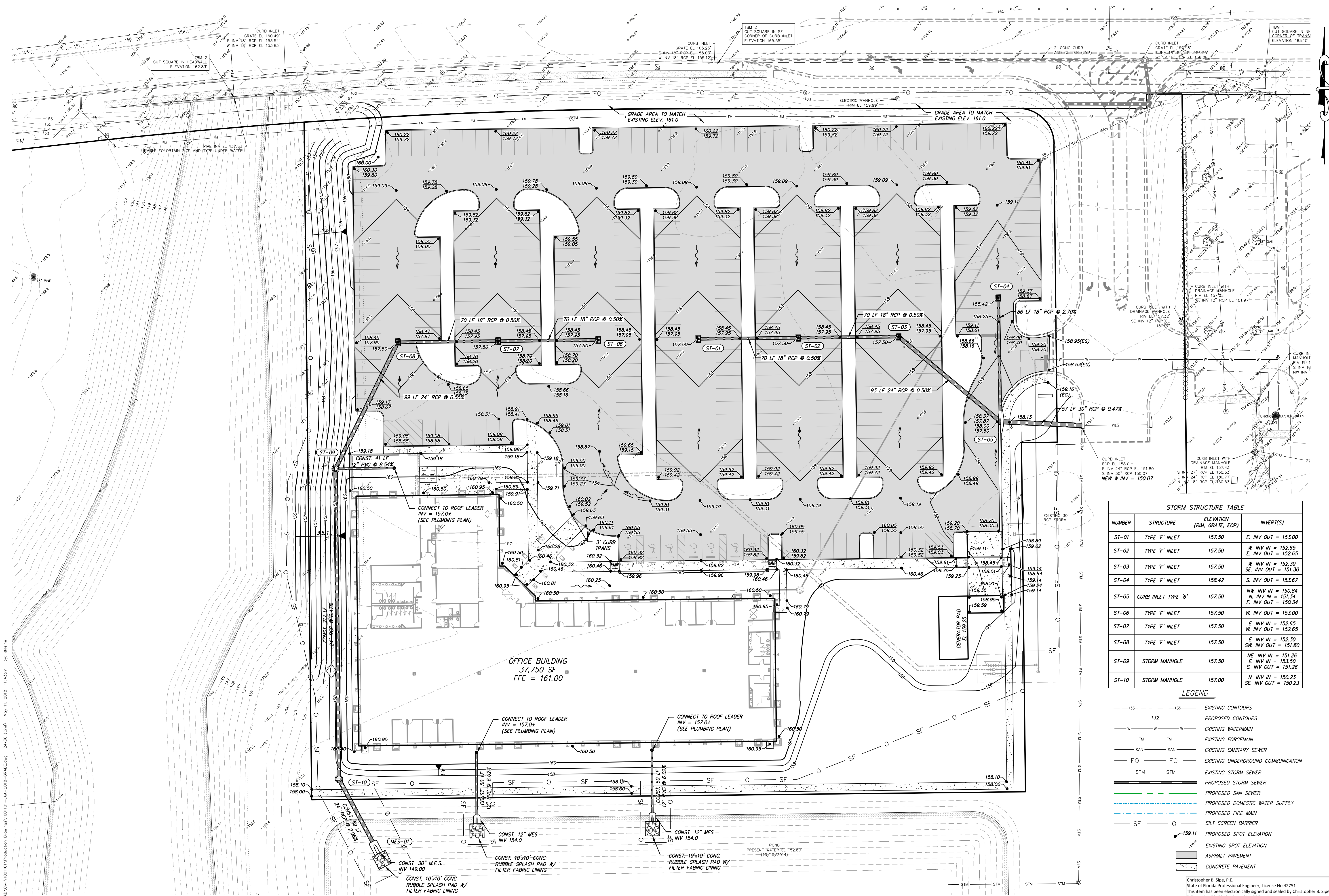
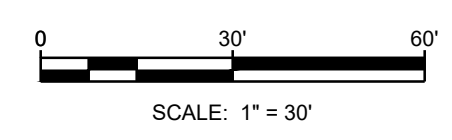
Auto-Owner's Insurance Company New Regional Office Building 1120 Parkway Frontage Rd S Lakeland, Florida 33813

job no.

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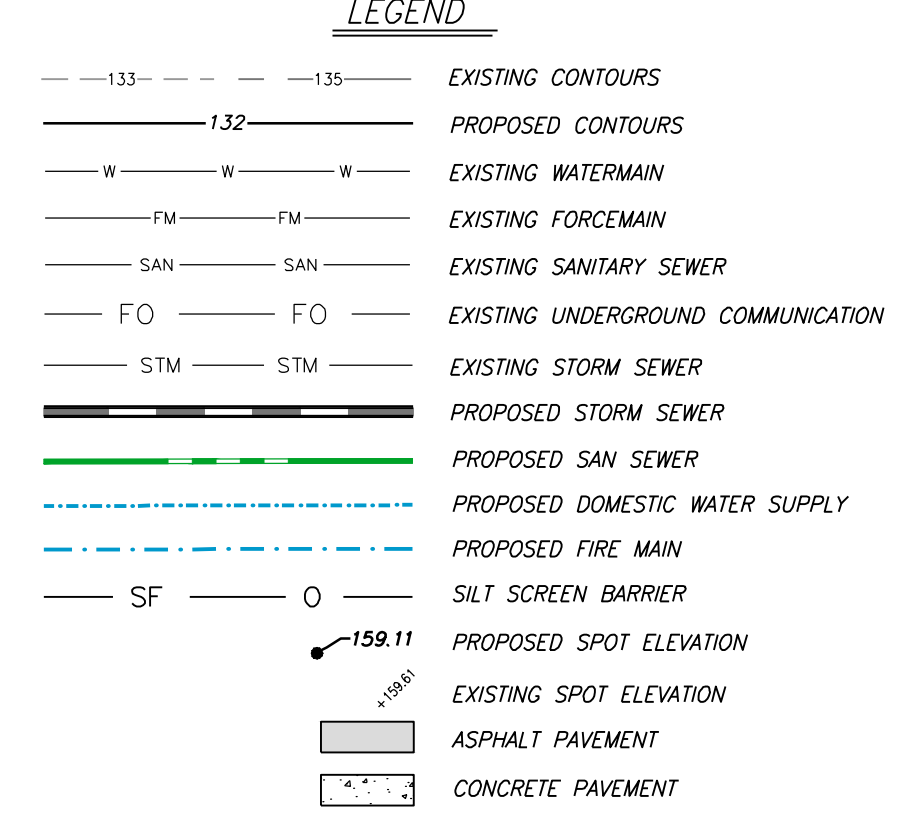
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C-02



STORM STRUCTURE TABLE

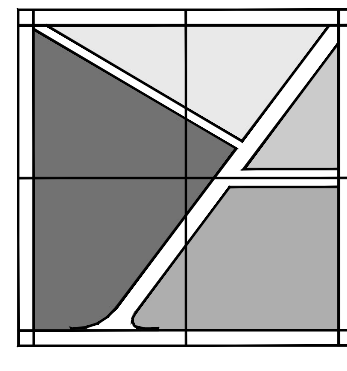
NUMBER	STRUCTURE	ELEVATION (RM, GRATE, EOP)	INVERT(S)
ST-01	TYPE 'Y' INLET	157.50	E. INV OUT = 153.00
ST-02	TYPE 'Y' INLET	157.50	W. INV IN = 152.65 E. INV OUT = 152.65
ST-03	TYPE 'Y' INLET	157.50	W. INV IN = 152.30 SE. INV OUT = 151.30
ST-04	TYPE 'Y' INLET	158.42	S. INV OUT = 153.67
ST-05	CURB INLET TYPE '6'	157.50	NW. INV IN = 150.84 N. INV IN = 151.34 E. INV OUT = 150.34
ST-06	TYPE 'Y' INLET	157.50	W. INV OUT = 153.00
ST-07	TYPE 'Y' INLET	157.50	E. INV IN = 152.65 W. INV OUT = 152.65
ST-08	TYPE 'Y' INLET	157.50	E. INV IN = 152.30 SW. INV OUT = 151.80
ST-09	STORM MANHOLE	157.50	NE. INV IN = 151.26 E. INV IN = 153.50 S. INV OUT = 151.26
ST-10	STORM MANHOLE	157.00	N. INV IN = 150.23 SE. INV OUT = 150.23



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GENERAL NOTES

- 1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS (LATEST EDITION) AND CITY OF LAKELAND REGULATIONS.
2. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS.
3. THE CONTRACTOR SHALL USE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY COMPANIES PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES.
4. THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION.
5. THE ENGINEER (CHASTAIN-SKILLMAN, INC.) SHALL BE NOTIFIED AS TO WHERE EXISTING UTILITY SERVICES INTERFERE WITH THE PROPOSED CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
7. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
8. UTILITIES INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE STATE AND LOCAL REGULATIONS INCLUDING BUT NOT LIMITED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, THE POLK COUNTY PUBLIC HEALTH UNIT, AND THE CITY OF LAKELAND.
9. WATER LINES MAY BE DEFLECTED AS REQUIRED (MAXIMUM OF 3' PER JOINT).
10. CONTRACTOR SHALL VERIFY MINIMUM SEPARATION BETWEEN WATER AND SANITARY / STORM SEWER SYSTEMS.
11. TYPICAL COVER OVER UTILITY LINES TO BE 36".
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER.
13. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRE-CAST AND MANUFACTURED ITEMS TO THE ENGINEER FOR APPROVAL.
14. AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND APPROPRIATE AGENCIES AND SUPPLY THEM WITH THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED CONSTRUCTION SCHEDULE, ALL REQUIRED SHOP DRAWINGS, AND OTHER INFORMATION AS REQUIRED.
15. ALL DISTURBED AREAS NOT INCLUDED IN THE LANDSCAPE PLANS SHALL BE SODDED.
16. COORDINATE WORK WITHIN THE RIGHTS-OF-WAY WITH CITY OF LAKELAND AND/OR FDOT CONSTRUCTION AND MAINTENANCE ACTIVITIES.
17. THE SITE SHALL BE INITIALLY GRADED SUCH THAT NO OFF-SITE AREA WILL BE ADVERSELY AFFECTED BY STORM WATER RUNOFF.
18. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, THE STORM WATER SYSTEMS SHALL BE CLEANED OF ALL SILTS, DEBRIS, LIMESTONE, ETC.
19. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CERTIFIED AS-BUILT DRAWINGS UPON COMPLETION OF CONSTRUCTION.
20. SAFETY:
A. DURING CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED.
B. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA.
C. ALL TRENCH EXCAVATION THAT EXCEEDS AN AVERAGE DEPTH OF FIVE (5) FEET MUST CONFORM TO THE REQUIREMENTS STATED IN THE NEW "TRENCH SAFETY ACT".
D. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS SHALL BE FOLLOWED.
E. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISION SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

STORMWATER MANAGEMENT SYSTEM OPERATING AND MAINTENANCE PROCEDURES
THE STORMWATER FACILITY MUST BE MAINTAINED PROPERLY IF IT IS TO PERFORM THE SERVICE FOR WHICH IT WAS DESIGNED. THIS IS INTENDED TO BE A GUIDE TO THE PROPER WAYS TO MAINTAIN THIS FACILITY. THIS IS ONLY A GUIDE AND SHOULD BE MODIFIED AS FIELD CONDITIONS REQUIRE.

- 1. MONTHLY, VISUALLY INSPECT INLET OPENINGS TO INSURE THAT NO CLOGGING HAS OCCURRED.
2. ONCE EVERY THREE MONTHS, VISUALLY INSPECT ALL PIPES FOR OBSTRUCTIONS OR A BUILD-UP OF EXCESSIVE SEDIMENTS.
3. WEEKLY DURING SUMMER MONTHS AND BI-WEEKLY DURING THE REMAINDER OF THE YEAR, MOW ANY GRASS WITHIN THE STORM WATER RETENTION AND COLLECTION AREAS.

STORM SEWERS -- REINFORCED CONCRETE PIPE

- A. ROUND CONCRETE PIPE: SHALL CONFORM TO REQUIREMENTS OF ASTM C76-70 (CLASS III) EXCEPT AS MODIFIED IN SSFR & BC, SECTION 941-1.3.
B. ELLIPTICAL CONCRETE PIPE: SHALL CONFORM TO REQUIREMENTS OF ASTM C-507 EXCEPT AS MODIFIED IN SSFR & BC SECTION 941.1.3.
C. GASKETS: RUBBER GASKETS SHALL BE USED FOR ROUND PIPE AND SHALL MEET THE REQUIREMENTS OF ARTICLE 5.9 ASTM C-361 WITH THE ADDITIONAL REQUIREMENT THAT IT SHALL BE OF SUFFICIENT VOLUME TO FILL THE PIPE JOINT SPACE IN WHICH IT IS USED.

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"RECORD DRAWING" INFORMATION REQUIRED BY CONTRACTOR

GENERAL
THE CONTRACTOR IS REQUIRED TO PROVIDE "RECORD DRAWING" INFORMATION TO THE ENGINEER. THE TYPE OF INFORMATION IS DETAILED BELOW. FOR HORIZONTAL LOCATIONS, THE INTENT IS TO LOCATE ALL UTILITY FEATURES WITH AT LEAST TWO MEASUREMENTS FROM DIFFERENT ANGLES AND REFERENCE POINTS. IT IS PREFERABLE FOR ALL DISTANCES TO BE LESS THAN 100 FEET. IT IS IMPORTANT THAT THE RECORD DRAWING INFORMATION BE PROVIDED ON A TIMELY BASIS.
FURTHER, INTERIM RELEASES OF UTILITIES ARE OFTEN NECESSARY, EACH REQUIRING A SEPARATE RECORD DRAWING SUBMITTAL TO THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PROVIDE THE INFORMATION TO THE ENGINEER ON A TIMELY BASIS. EVEN IF CHASTAIN-SKILLMAN IS EMPLOYED TO SURVEY THE DATA, THE ENGINEER RESERVES THE RIGHT TO REQUEST INFORMATION NOT INCLUDED HEREIN WITHOUT RESPONSIBILITY FOR COST.

CERTIFICATION & SUBMITTAL: FOR SURVEYOR PORTION:
SIX SETS OF THE PLANS SHALL BE SUBMITTED WITH EACH PAGE DATED, SIGNED, AND SEALED BY THE LICENSED SURVEYOR UNDER THE STATEMENT I HEREBY CERTIFY THE RECORD DRAWING ELEVATIONS AND LOCATIONS SHOWN AND ADDED TO THESE PLANS WERE OBSERVED AND MEASURED BY ME FOR A SPECIFIC PURPOSE TO PROVIDE RECORD DRAWING INFORMATION, IDENTIFIED BY "(RD)".
ONE SET OF THE PLANS SHALL BE SUBMITTED WITH EACH PAGE DATED AND SIGNED BY THE CONTRACTOR UNDER THE STATEMENT I HEREBY CERTIFY THE RECORD DRAWING ELEVATIONS AND LOCATIONS SHOWN AND ADDED TO THESE PLANS WERE OBSERVED AND MEASURED BY ME FOR A SPECIFIC PURPOSE TO PROVIDE RECORD DRAWING INFORMATION, IDENTIFIED BY "(RD)".

CSI SURVEY SCHEDULING
ANY PROFESSIONAL LAND SURVEYOR AND MAPPER REGISTERED IN FLORIDA MAY DO THE WORK REQUIRED OF A REGISTERED SURVEYOR. HOWEVER, IF CHASTAIN-SKILLMAN IS CONTRACTED TO PROVIDE CONSTRUCTION STAKING/LAYOUT (WHERE SURVEY CONTROL POINTS AND ELEVATIONS ARE ALREADY SET AND FIELD PERSONNEL ARE FAMILIAR WITH THE PROJECT), THEN 2 BUSINESS DAYS NOTICE MUST BE GIVEN TO CHASTAIN-SKILLMAN FOR THE MEASUREMENT OF "RECORD DRAWING" DATA.

- 1. ELEVATION OF THE WATER MAINS WHERE CROSSINGS WITH SEWER OR STORM WATER LINES OCCUR.
2. LOCATION OF ALL MAINLINE VALVES, BACKFLOW PREVENTERS, FITTINGS/ELBOWS AND AIR RELEASE VALVES.
3. LOCATIONS OF ALL MAINLINE VALVES, AIR RELEASE VALVES, ELBOWS/FITTINGS, AND CHECK VALVES.
4. CONTROL STRUCTURE ELEVATIONS (GRATE, WEIR, WIDTH, AND CREST ELEVATION, BOTTOM ELEVATION, VEE NOTCH DIMENSIONS, ORIFICE DIAMETER AND INVERT ELEVATION, OVERFLOW ELEVATION, BLEED-DOWN ORIFICE SHAPE, SIZE, AND INVERT ELEVATION, TOP, SKIMMER DIMENSIONS AND ELEVATION, UNDERDRAIN DIMENSIONS, ETC.).

- 1. ALL ELEVATIONS OF SEWER INVERTS IN ALL MANHOLES, RIM ELEVATIONS OF MANHOLES, AND LOCATION OF MANHOLES SHALL BE PROVIDED.
2. PUMP STATION TOP OF SLAB, INFLUENT INVERT ELEVATION, BOTTOM INVERT OF WET WELL.
3. LOCATIONS OF ALL MAINLINE VALVES, AIR RELEASE VALVES, ELBOWS/FITTINGS, AND CHECK VALVES.
4. THE INVERT ELEVATION OF STORM PIPES AT MITERED END SECTIONS SHALL BE PROVIDED.
5. PROVIDE TYPICAL SPOT ELEVATIONS WITHIN THE PROJECT SITE (I.E., PAVEMENT SHOTS, TOP OF CURB, ETC.).

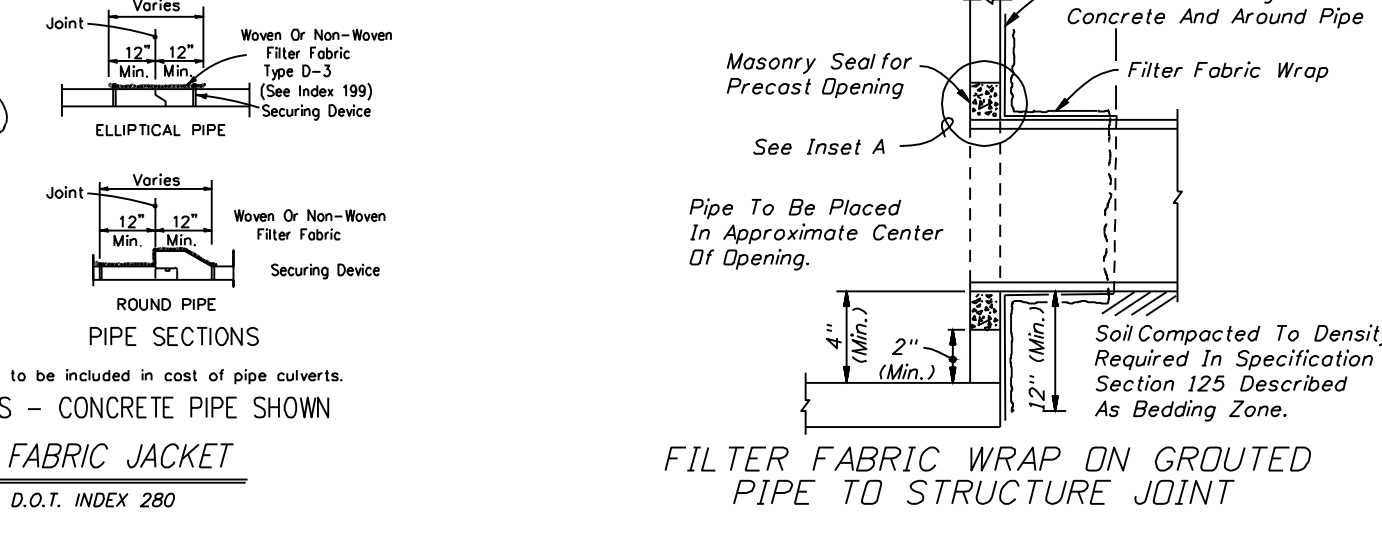
- 1. TYPICAL MEASUREMENTS BETWEEN EDGE OF PAVEMENT OR OTHER ABOVE-GROUND, PERMANENT FEATURES ARE TO BE PROVIDED FOR ALL WATER MAINS.
2. LOCATION OF WATER SERVICE VALVES AS MEASURED FROM TWO POINTS (I.E., EDGE OF PAVEMENT AND BUILDING CORNER--OR PROPERTY LINE FOR RESIDENCES).
3. TWO DISTANCES FROM PERMANENT, ABOVE-GROUND FEATURES TO MAINLINE VALVES, BACKFLOW PREVENTERS, FITTINGS/ELBOWS AND AIR RELEASE VALVES SHOWING MEASURED DISTANCES FROM FITTINGS TO THE FIRST UNRESTRAINED PIPE JOINT WHENEVER RESTRAINTS ARE CALLED OUT ON THE PLANS.
4. THE DISTANCE BETWEEN FLOAT ELEVATIONS AND THE STATION TOP (MEASURED AT TOP OF THE FLOAT).
5. FOR CITY STATIONS, THE GEOMETRY OF ALL ABOVE-GROUND FEATURES WITHIN THE CITY-CONTROLLED AREA.
6. TWO DISTANCES FROM PERMANENT, ABOVE-GROUND FEATURES TO ALL MAINLINE VALVES, AIR RELEASE VALVES, ELBOWS/FITTINGS, AND CHECK VALVES. 04/08/09

- 1. ROADWAY CENTERLINE PROFILE 100-FOOT MAXIMUM INTERVAL.
2. ROADWAY CROSS SECTIONS 200-FOOT MAXIMUM INTERVAL.
3. LOCATION OF WATER SERVICE VALVES AS MEASURED FROM TWO POINTS (I.E., EDGE OF PAVEMENT AND BUILDING CORNER--OR PROPERTY LINE FOR RESIDENCES).
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PAVEMENT:
THE FOLLOWING INFORMATION SHALL BE PROVIDED BY THE CONTRACTOR OR BY A LAND SURVEYOR NOT NECESSARILY LICENSED IN THE STATE OF FLORIDA: WATER:

- 1. TYPICAL MEASUREMENTS BETWEEN EDGE OF PAVEMENT OR OTHER ABOVE-GROUND, PERMANENT FEATURES ARE TO BE PROVIDED (FORCEMAINS ONLY).
2. MEASURED DISTANCES FROM FITTINGS TO THE FIRST UNRESTRAINED PIPE JOINT WHENEVER RESTRAINTS ARE CALLED OUT ON THE PLANS (FORCEMAINS GREATER THAN 2 INCHES IN DIAMETER ONLY).
3. LOCATION OF SEWER CLEAN-OUTS AS MEASURED FROM TWO POINTS (I.E., EDGE OF PAVEMENT AND BUILDING CORNER--OR PROPERTY LINE FOR RESIDENCES).
4. THE DISTANCE BETWEEN FLOAT ELEVATIONS AND THE STATION TOP (MEASURED AT TOP OF THE FLOAT).
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- 1. TYPICAL MEASUREMENTS BETWEEN EDGE OF PAVEMENT OR OTHER ABOVE-GROUND, PERMANENT FEATURES ARE TO BE PROVIDED (FORCEMAINS ONLY).
2. MEASURED DISTANCES FROM FITTINGS TO THE FIRST UNRESTRAINED PIPE JOINT WHENEVER RESTRAINTS ARE CALLED OUT ON THE PLANS (FORCEMAINS GREATER THAN 2 INCHES IN DIAMETER ONLY).
3. LOCATION OF SEWER CLEAN-OUTS AS MEASURED FROM TWO POINTS (I.E., EDGE OF PAVEMENT AND BUILDING CORNER--OR PROPERTY LINE FOR RESIDENCES).
4. THE DISTANCE BETWEEN FLOAT ELEVATIONS AND THE STATION TOP (MEASURED AT TOP OF THE FLOAT).
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6. TWO DISTANCES FROM PERMANENT, ABOVE-GROUND FEATURES TO ALL MAINLINE VALVES, AIR RELEASE VALVES, ELBOWS/FITTINGS, AND CHECK VALVES. 04/08/09



MAINTENANCE OF TRAFFIC NOTES:

MAINTENANCE OF TRAFFIC FOR WORK WITHIN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS. THE MUTCD PLAN MUST COMPLY WITH FDOT STANDARD DRAWING #600. THE SPECIFIC MUTCD PLANS TO BE USED FOR WORK WITHIN THE R/W OF SOUTH PARKWAY FRONTAGE ROAD (POSTED SPEED 45 MPH) INCLUDE INDEX 611 AND 612.

NOTE: NO LANE CLOSURES ALLOWED BETWEEN 6 AM AND 9 AM OR BETWEEN 4 PM AND 7 PM. THE FOOT, THE CITY OF LAKELAND AND THE ENGINEER RESERVE THE RIGHT TO REQUIRE DIFFERENT HOURS OF LANE CLOSURE, INCLUDING NIGHT WORK.

WORK WITHIN THE RIGHT-OF-WAY SHALL NOT EXCEED ONE DAYLIGHT PERIOD AT THE END OF EACH DAY (NO LATER THAN 4 PM). THE RIGHT-OF-WAY (INCLUDING ALL TRAVEL LANES) SHALL BE RESTORED FOR SAFE VEHICULAR TRAFFIC. NO DROP-OFF CONDITIONS ARE ALLOWED TO REMAIN. NO MATERIALS, EQUIPMENT, ETC. SHALL BE STORED WITHIN THE RIGHT-OF-WAY WHILE THE WORK ZONE IS INACTIVE.

SHOULD CONDITIONS REQUIRE LANE CLOSURES FOR MORE THAN ONE DAYLIGHT PERIOD, THE CONTRACTOR SHALL SUBMIT, IN WRITING, DETAILED JUSTIFICATION FOR THE EXTENDED LANE CLOSURE. IN ADDITION, A DETAILED MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH FDOT STANDARD DRAWINGS WILL BE REQUIRED. PRIOR APPROVAL FROM THE ENGINEER, CITY, AND FDOT WILL BE REQUIRED FOR ANY EXTENDED LANE CLOSURES.

THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE WORK ZONE TRAFFIC CONTROL SUPERVISOR PRIOR TO THE START OF ANY WORK WITHIN THE RIGHT-OF-WAY. PROVIDE A COPY OF THE WORKSITE TRAFFIC SUPERVISOR'S (WTS) CERTIFICATE OF QUALIFICATION FOR HAVING COMPLETED AN FDOT APPROVED COURSE IN ADVANCED MAINTENANCE OF TRAFFIC.

DEWATERING NOTES:

DEWATERING MAY BE REQUIRED FOR INSTALLATION OF PORTIONS OF THE UNDERGROUND UTILITIES. DEWATERING SHALL TYPICALLY INCLUDE THE USE OF SUMP PUMPS AND/OR SHALLOW WELL POINTS. WATER SHALL BE PUMPED TO AN ON-SITE SEDIMENTATION SUMP, FULLY ENCLOSED WITH STAKED HAYBALES OR A DOUBLE ROW OF STAKED SILT SCREEN. MINOR DEWATERING ACTIVITIES SHOULD NOT CREATE A SURFACE DISCHARGE FROM THE PROJECT AREA. SHOULD DISCHARGE OCCUR, THE CONTRACTOR SHALL ENSURE THAT IT MEETS STATE WATER QUALITY STANDARDS.

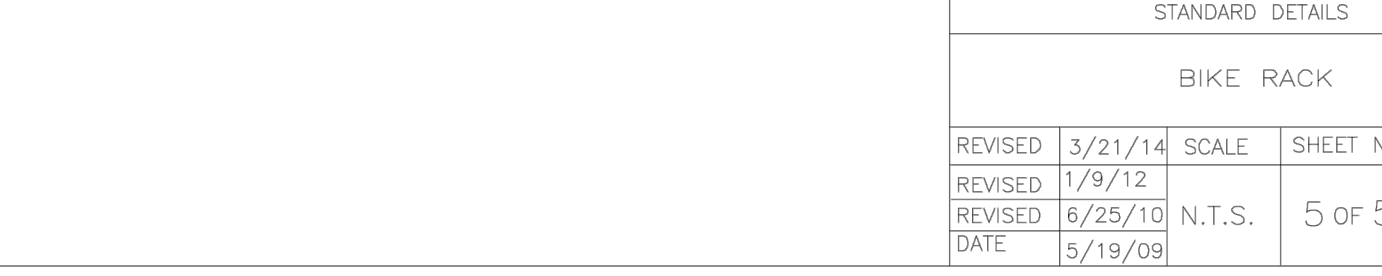
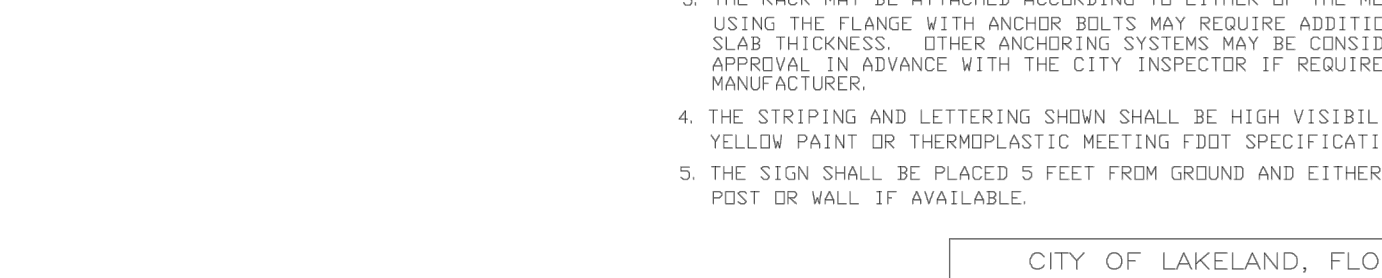
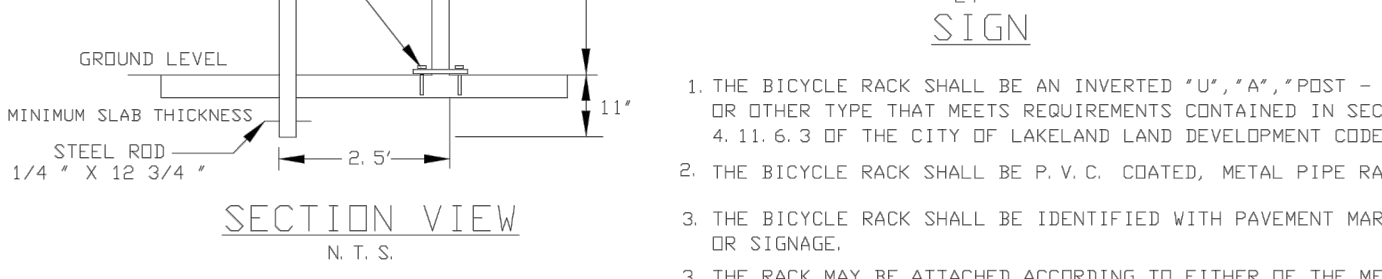
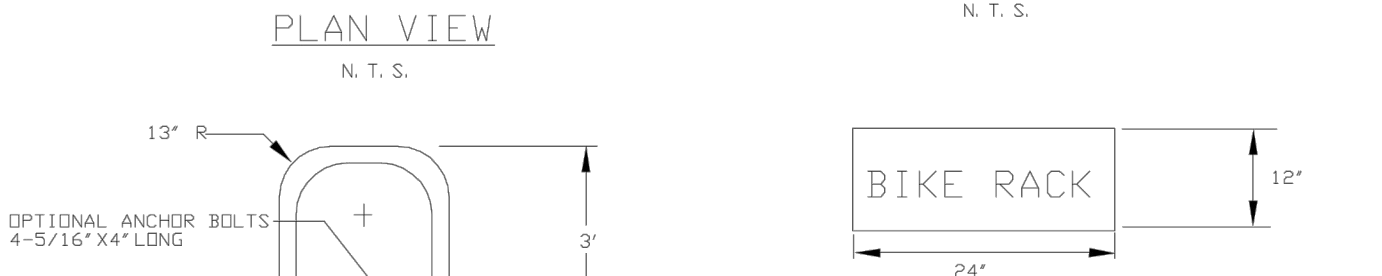
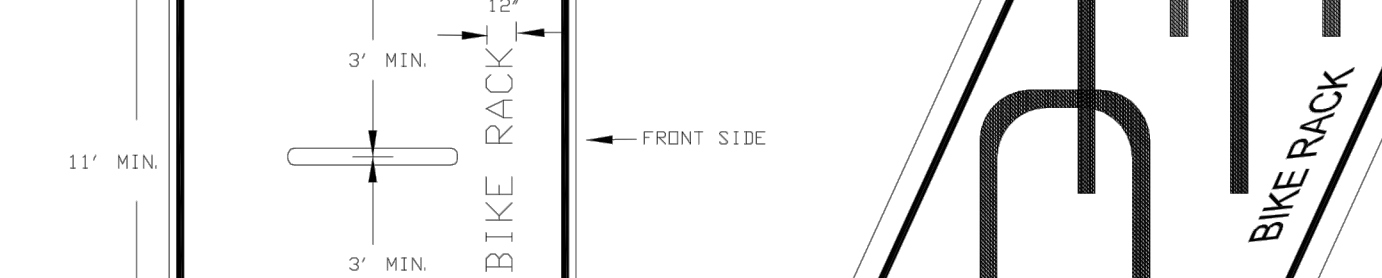
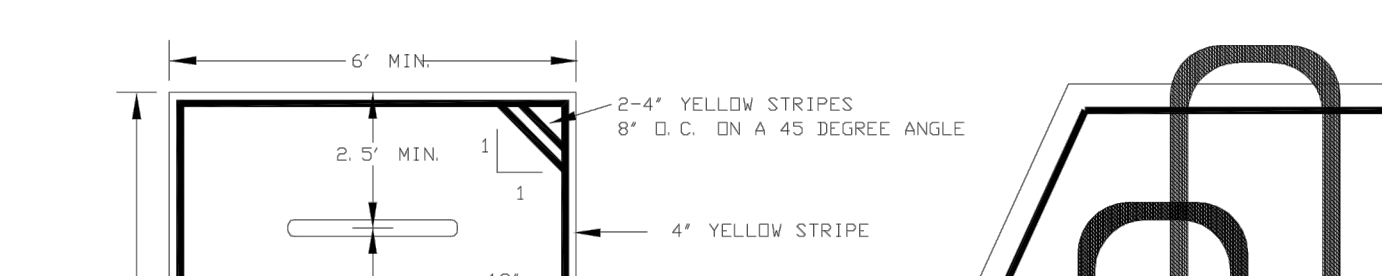
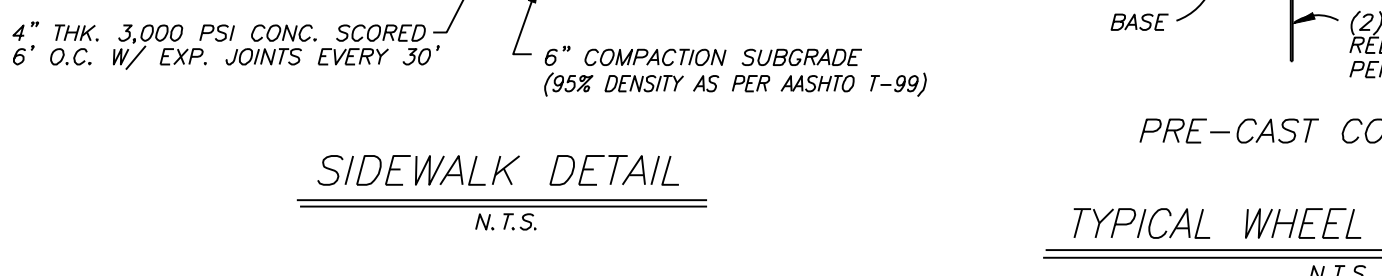
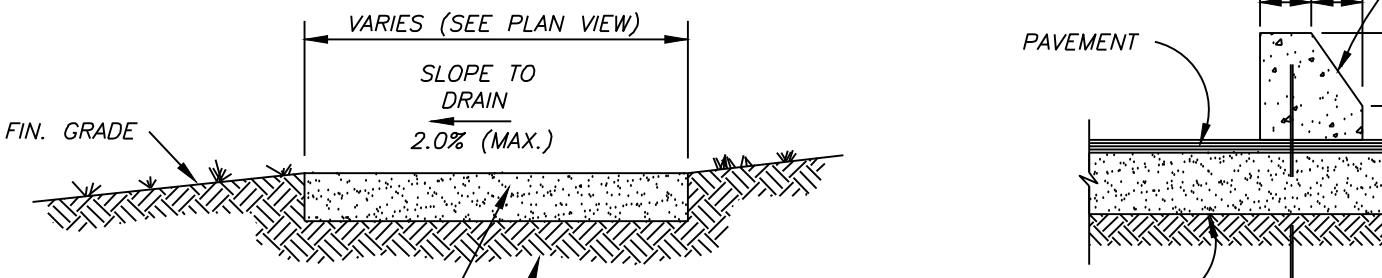
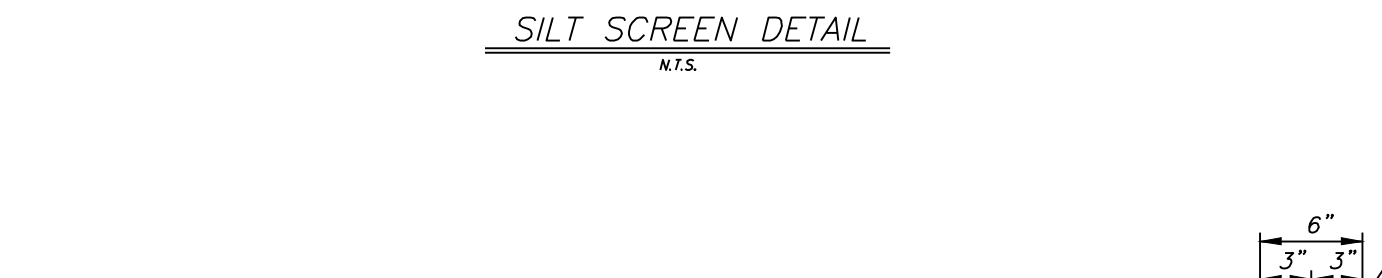
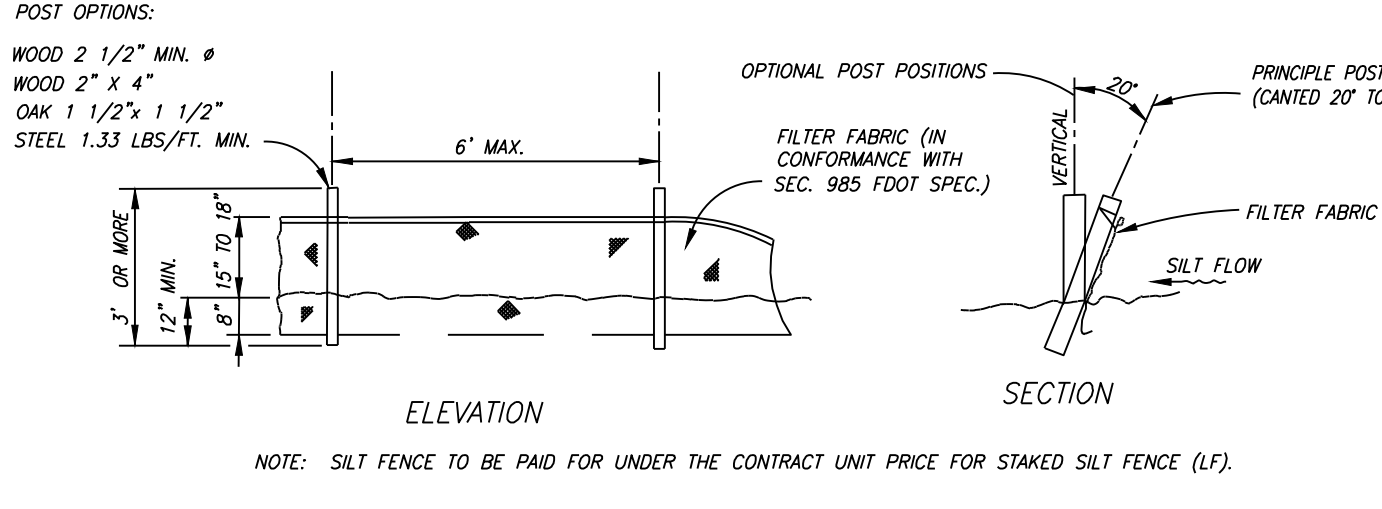
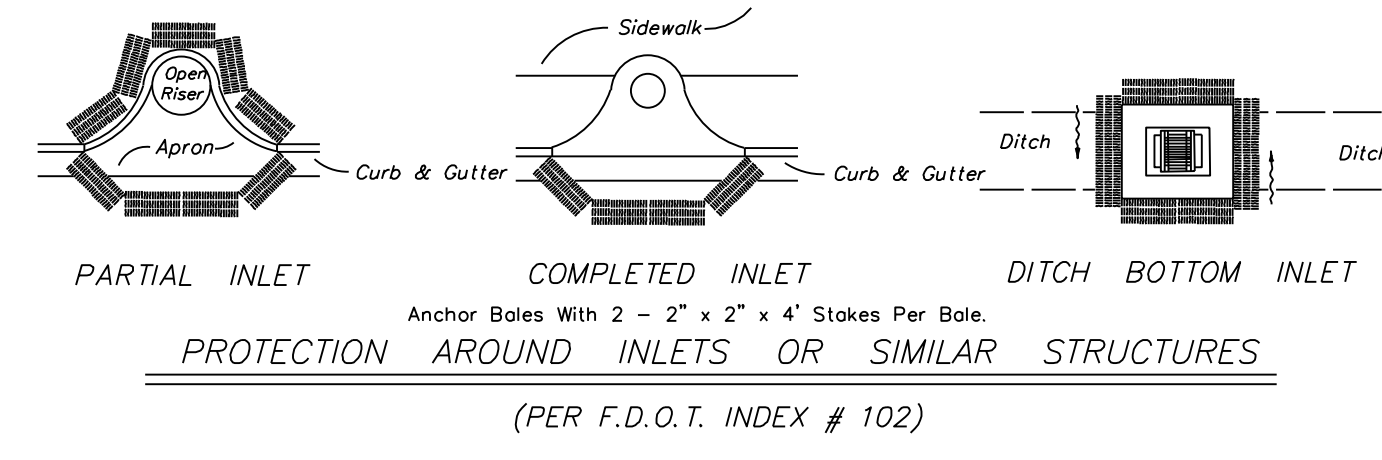
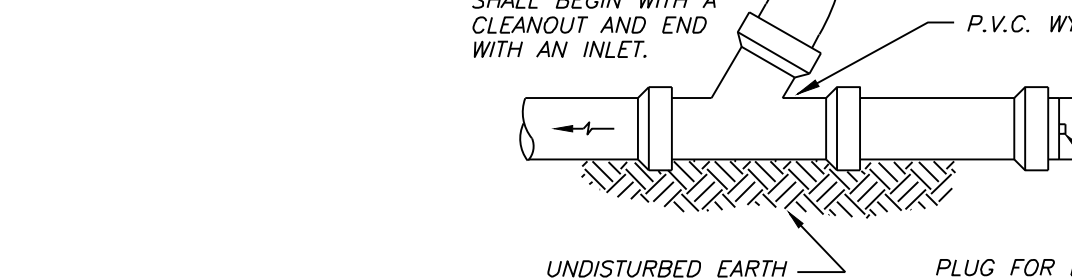
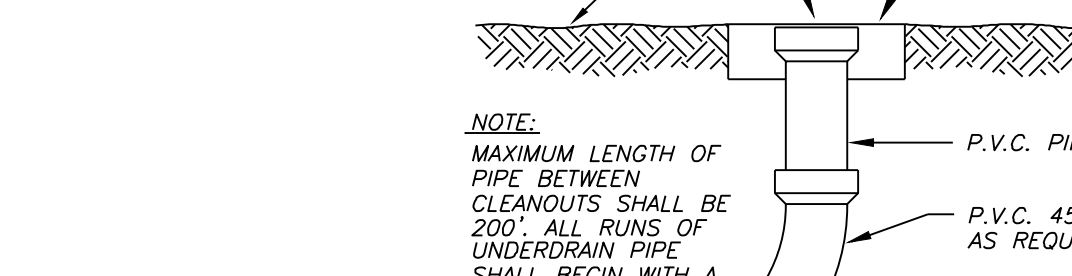
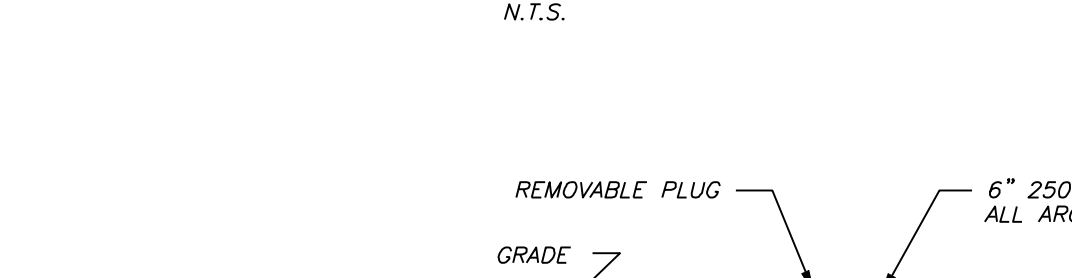
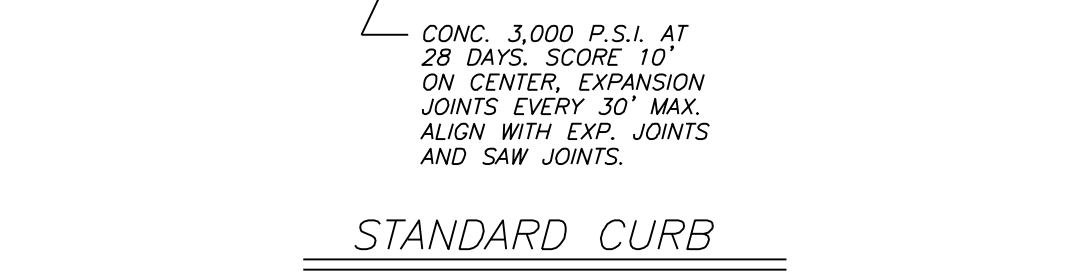
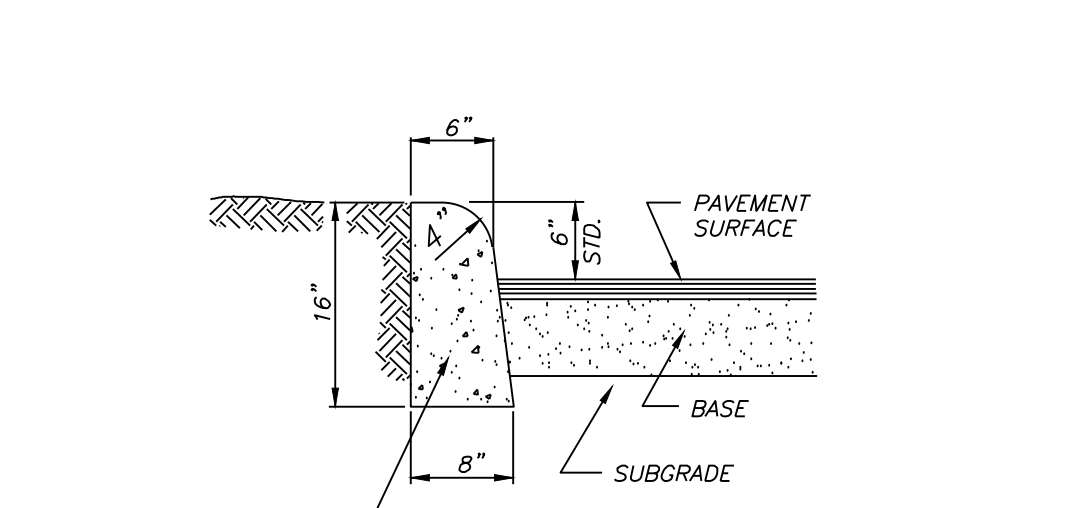
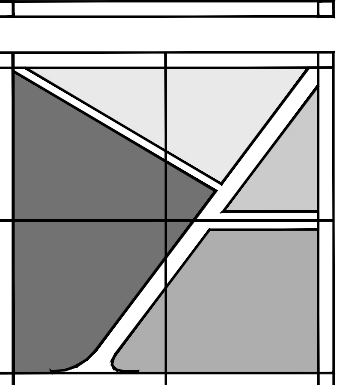


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Storm Water Pollution Prevention Plan
Auto-Owner's Insurance Company
New Regional Office Building
1120 Parkway Frontage Rd S
Lakeland, Florida 33813

STORMWATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION AND GENERAL INFORMATION

PROJECT NAME AND LOCATION

AUTO-OWNERS INSURANCE COMPANY
NEW REGIONAL OFFICE BUILDING
1120 SOUTH PARKWAY FRONTAGE ROAD
LAKELAND, FL 33813

SECTION 01, TOWNSHIP 29S, RANGE 23E

OWNER NAME AND ADDRESS

AUTO-OWNERS INSURANCE COMPANY
6101 ANACAPRI BLVD
LANSING, MI 48917

PROJECT DESCRIPTION

PROJECT ACREAGE: 5.61 +/- ACRES

THE PROJECT ENTAILS THE CONSTRUCTION OF AN OFFICE BUILDING WITH THE ASSOCIATED DRIVES, PARKING, AND UTILITIES. THE SITE IS SERVED BY AN EXISTING STORMWATER MANAGEMENT POND PER ERP NO. 49000887.045/43000887.115.

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF MAJOR ACTIVITIES WILL BE AS FOLLOWS:

1. INSTALL SILT SCREEN AS SHOWN ON PLANS. SILT FENCES SHALL BE USED IN LIEU OF TEMPORARY PERIMETER SWALES.
2. COMPLETE GRADING AND INSTALL PERMANENT SODDING OR OTHER SUITABLE STABILIZATION.
3. WHEN ALL CONSTRUCTION IS COMPLETE, STABILIZE (E.G. SOD, SEED/MULCH, ETC.) ANY REMAINING DISTURBED AREAS.

SUFFICIENT PRECAUTIONS SHALL BE TAKEN TO PREVENT POLLUTION OF STREAMS, CANALS, LAKES, RESERVOIRS, WETLANDS, AND OTHER WATER IMPOUNDMENTS. ALSO, OPERATIONS SHALL BE CONDUCTED AND SCHEDULED SO AS TO AVOID POLLUTION OR SILTATION OF STREAMS, WATER BODIES, ETC.

STORMWATER POLLUTION PREVENTION

EROSION AND SEDIMENT TRANSPORT PREVENTION

THE WORK SPECIFIED IN THIS SECTION CONSISTS OF MEASURES REQUIRED TO CONTROL EROSION AND TRANSPORT OF SEDIMENTS WITHIN AND FROM THE PROJECT AREA, SO AS TO PREVENT THE DEGRADATION OF RECEIVING WATERS, DETRIMENTAL EFFECTS ON PUBLIC OR PRIVATE PROPERTY ADJACENT TO THE PROJECT AND DAMAGE WITHIN THE PROJECT AREA. THESE MEASURES WILL INCLUDE THE CONSTRUCTION AND MAINTENANCE OF TEMPORARY AND PERMANENT EROSION CONTROLS.

CONSTRUCTION OPERATIONS SHALL BE RESTRICTED TO THOSE AREAS WHERE IT IS NECESSARY TO PERFORM FILLING OR EXCAVATION TO ACCOMPLISH THE WORK SHOWN ON THE DRAWINGS AND TO THOSE AREAS WHICH MUST BE ENTERED TO CONSTRUCT TEMPORARY OR PERMANENT STRUCTURES. AS SOON AS THE CONDITIONS WILL PERMIT, RIVERS, STREAMS, IMPOUNDMENT, STORMWATER STORAGE AND CONVEYANCE SYSTEMS AND ANY ONSITE RECEIVING WATER BODIES SHALL BE PROMPTLY CLEARED OF ALL OBSTRUCTIONS PLACED THEREIN OR CAUSED BY CONSTRUCTION OPERATIONS. RUNOFF FROM UNSTABILIZED AREAS SHALL BE TREATED THROUGH SILT FENCES BEFORE DISCHARGING FROM THE PROPERTY.

EROSION PRACTICES

PERMANENT EROSION CONTROL FEATURES SHALL BE INCORPORATED INTO THE PROJECT AT THE EARLIEST PRACTICAL TIME. TEMPORARY CONTROL FEATURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION WHICH WERE NOT FORESEEN AT THE TIME OF DESIGN TO CONTROL EROSION PRIOR TO THE TIME IT IS PRACTICAL TO CONSTRUCT PERMANENT CONTROL FEATURES.

TEMPORARY EROSION CONTROL MAY BE USED IN CONTROLLING EROSION IN AREAS WHERE CONDITIONS NOT UNDER THE CONTROL OF THE CONTRACTOR, PRECLUDE COMPLETION OF A SECTION OF A PROJECT IN A CONTINUOUS MANNER, AND FOR CONTROLLING EROSION IN AREAS WHERE CONSTRUCTION OPERATIONS MUST BE PERFORMED SUBSEQUENTLY THAT WILL CAUSE DAMAGE TO PERMANENT EROSION CONTROL FEATURES. TEMPORARY EROSION AND WATER POLLUTION CONTROL FEATURES SHALL CONSIST OF, BUT NOT BE LIMITED TO, GRASS, TEMPORARY MULCHING, SANDBAGGING, SEDIMENT BASINS, SEDIMENT CHECKS/EARTH DITCH CHECKS, BERMS, FLOATING TURBIDITY BARRIERS, HAY BALES AND SILT FENCE.

STABILIZATION PRACTICES

TEMPORARY STABILIZATION – SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITHIN 7 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THESE AREAS SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH. THE SURFACE AREAS OF UNPROTECTED ERODIBLE EARTH EXPOSED BY CLEARING AND GRUBBING, EXCAVATION OR FILLING OPERATIONS SHALL BE KEPT TO A MINIMUM AS PRACTICAL. PERMANENT STABILIZATION – ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED WILL BE STABILIZED BY SOD OR SEED AND MULCH IN ACCORDANCE WITH THE LANDSCAPING PLANS AND/OR CONSTRUCTION PLANS.

STRUCTURAL PRACTICES

STAKED SILT SCREENS – WILL BE INSTALLED ACCORDING TO THE PLANS TO PROTECT OFFSITE AREAS FROM ANY POSSIBLE ADVERSE EFFECTS FROM SEDIMENTS. SEDIMENT WILL BE REMOVED FROM THE UPSTREAM SIDE OF ANY SILT SCREEN ONCE THE ACCUMULATED SEDIMENT REACHES 1/3 THE HEIGHT OF THE SILT SCREEN. ANY SEDIMENT DEPOSITS OR SOIL DISTURBANCE CREATED DURING THE INSTALLATION AND REMOVAL OF SILT SCREEN SHALL BE DRESSED TO CONFORM TO THE FINISHED GRADE. THE SILT SCREEN SHALL BE INSPECTED ALONG WITH THE REST OF THE PROJECT ONCE EVERY SEVEN DAYS OR WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 0.5". WHERE DEFICIENCIES EXIST, ADDITIONAL SILT FENCES SHALL BE INSTALLED OR REPLACED. ATTACHMENT OF SILT SCREEN TO EXISTING TREES WILL NOT BE PERMITTED UNLESS APPROVED BY THE PROJECT ENGINEER.

NOTE: THE FOLLOWING CONTROLS CONCERN DAY-TO-DAY ACTIVITIES ON THE SITE. THE SITE SUPERINTENDENT IS RESPONSIBLE FOR SEEING THAT THEY ARE CARRIED OUT APPROPRIATELY.

WASTE DISPOSAL

WASTE MATERIALS – ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN METAL DUMPSTERS AND THEN HAULED TO AN APPROVED DISPOSAL SITE. THE DUMPSTERS WILL MEET ALL COUNTY AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. NO CONSTRUCTION WASTE WILL BE BURIED ON THE SITE. ALL PERSONNEL WILL BE INSTRUCTED IN THE CORRECT PROCEDURE FOR WASTE DISPOSAL. EMPLOYEE WASTE AND OTHER LOOSE MATERIALS, E.G. CUPS, CANS, BAGS, ETC., WILL BE COLLECTED SO AS TO PREVENT THE RELEASE OF "FLOATABLES" DURING RUNOFF EVENTS.

HAZARDOUS WASTE – ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS, OR BY THE MANUFACTURER.

SANITARY WASTE – ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER MEETING ALL LOCAL AND STATE REGULATIONS.

OFFSITE VEHICLE TRACKING

MONITORING OF OFFSITE TRACKING OF SEDIMENTS AT THE ENTRANCES IS ESSENTIAL WHERE SILT FENCE WILL NOT BE PLACED TO ENABLE ACCESS TO THE SITE. IF IT APPEARS THAT SIGNIFICANT AMOUNTS OF SEDIMENT ARE BEING TRACKED OFF THE SITE, GRAVEL ENTRANCES OR OTHER EQUIVALENT MEASURES ARE RECOMMENDED TO HELP DISLODGE THE SOIL, SEDIMENT AND DIRT BEFORE THE VEHICLES LEAVE THE SITE.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

THE ONSITE PRACTICES SHALL COMPLY WITH THIS STORMWATER POLLUTION PREVENTION PLAN AS WELL AS REFLECT THE REQUIREMENTS OF THE:

1. FDEP'S NPDES GENERIC PERMIT FOR CONSTRUCTION ACTIVITIES, 62-621.300(4), F.A.C.)
2. ALL STATE REQUIREMENTS OF STORMWATER MANAGEMENT SYSTEMS UNDER CHAPTERS 40D-4, 40D-40 AND 40D-400 OF THE FLORIDA ADMINISTRATIVE CODE, AS ADMINISTERED BY THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT IN ADDITION 33 CFR ADMINISTERED BY THE ARMY CORP OF ENGINEERS.

MAINTENANCE/INSPECTION PROCEDURES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES

THE FOLLOWING PRACTICES WILL BE UTILIZED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF ANY RAINFALL EXCEEDING 0.5 INCHES. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. THESE INSPECTION REPORTS WILL BE KEPT AS A PART OF THE STORMWATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE (3) YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED. A COPY OF THE INSPECTION REPORT FORM IS PROVIDED.

ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF ITS REPORTING.

TEMPORARY SEEDING AND PERMANENT SODDING OR SEEDING/MULCHING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. ANY DEFICIENCIES SHALL BE CORRECTED.

A QUALIFIED PERSON WILL BE DESIGNATED TO PERFORM THE INSPECTIONS AND FILL OUT THE INSPECTION AND MAINTENANCE REPORT.

THE SILT SCREEN SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. WHERE DEFICIENCIES EXIST, ADDITIONAL SILT FENCES SHALL BE INSTALLED OR REPLACED. SEDIMENT WILL BE REMOVED FROM THE UPSTREAM SIDE OF ANY SILT SCREEN ONCE THE ACCUMULATED SEDIMENT REACHES 1/3 THE HEIGHT OF THE SILT SCREEN. ANY SEDIMENT DEPOSITS OR SOIL DISTURBANCE CREATED DURING THE INSTALLATION AND REMOVAL OF SILT SCREEN SHALL BE DRESSED TO CONFORM TO THE FINISHED GRADE.

INVENTORY OF BUILDING MATERIALS EXPECTED TO BE PRESENT ONSITE

MATERIALS PRESENT ONSITE DURING CONSTRUCTION WILL INCLUDE THOSE NORMALLY ASSOCIATED WITH THIS TYPE OF CONSTRUCTION:

CONCRETE, STEEL REINFORCING BARS AND RELATED MATERIALS, PIPE, LUMBER, PAINTS, PETROLEUM BASED PRODUCTS.

MATERIAL MANAGEMENT (POLLUTION PREVENTION) PRACTICES

THE FOLLOWING MATERIAL MANAGEMENT PRACTICES WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF:

GENERAL PRACTICES

THE FOLLOWING GENERAL PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT:

SUFFICIENT PRECAUTIONS SHOULD BE TAKEN TO PREVENT POLLUTION OF WATER BODIES DIRECTLY OR INDIRECTLY WITH FUELS, OILS, BITUMENS, CALCIUM CHLORIDE, OR OTHER HARMFUL MATERIALS

AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCTS REQUIRED FOR THIS PROJECT.

ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED BEFORE DISPOSING OF THE CONTAINER.

MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

THE SITE WILL BE INSPECTED DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.

HAZARDOUS PRODUCTS

THE FOLLOWING PRACTICES WILL BE UTILIZED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:

PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS – ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS THAT ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
PAINTS – ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT WILL NOT BE DISCHARGED TO A STORM SEWER, POND SYSTEM, OR RECEIVING WATER BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

SPILL PREVENTION AND CLEANUP

IN ADDITION TO THE MATERIALS MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA THAT IS ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BROOMS, DUST PANS, GLOVES AND PLASTIC AND METAL TRASH CONTAINERS, ETC. SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.

THE SPILL PREVENTION PLANS WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THIS TYPE OF SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, ITS CAUSE, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

CONTRACTOR'S CERTIFICATION

THIS SWPPP MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THERE UNDER."

SIGNATURE/DATE: _____
NAME: _____
COMPANY NAME: _____
ADDRESS: _____
TELEPHONE NO: _____
RESPONSIBILITY: _____

STORM WATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT FORM					
(Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater)					
FDEP NPDES Storm Water Identification Number: FLR10 _____					
Location	Rain Date	Type of Control (See below)	Date Installed/Modified	Current Condition (See below)	Corrective Action/Other Remarks

Condition Code:
G=Good
M=Marginal, needs maintenance or replacement soon
P=Poor, needs immediate maintenance or replacement
C=Needs to be cleaned
O=Other

Condition Type Code:

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gully	29. Detention pond
3. Structural Diversion	12. Vegetative preservation area	21. Sediment basin	30. Retention pond
4. Swale	13. Retention pond	22. Temporary seed/sod	31. Waste disposal/housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed/sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand bag
7. Subsurface drain	16. Curb and gutter	25. Hay bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information: _____

Name: _____ Qualification: _____ Date: _____

The above signature also shall certify that this facility is in compliance with the Storm Water Pollution Prevention Plan and the State of Florida Generic Permit for Storm Water Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Christopher B. Sipe, P.E.
State of Florida Professional Engineer, License No. 42751
This item has been electronically signed and sealed by Christopher B. Sipe, P.E. on May 23, 2018 using a SHA-256 authentication code.
Printed copies of this document are not considered signed and sealed and the SHA-256 authentication code must be verified on any electronic copies.