

Tampa Construction Specifications
Contract 26-C-00013; Hubert Avenue Park Improvements

CITY OF TAMPA, FLORIDA

PLANS FOR

Contract 26-C-00013 Hubert Avenue Park Improvements

Plans_Civil

These Plans for the referenced projects come from uncontrolled sources and do not conform to WCAG 2.1 at level AA. Individuals with disabilities seeking assistance with the individual project plans or specifications should e-mail Contractadministration@tampagov.net.

City of Tampa

Contract Administration Department

Tampa Municipal Office Building

306 E Jackson Street #280A4N Fourth Floor

Tampa, Florida 33602

JUNE 2026

CITY OF TAMPA PARK

4106 NORTH HUBERT AVENUE

TAMPA, HILLSBOROUGH COUNTY, FLORIDA 33614

Prepared By:



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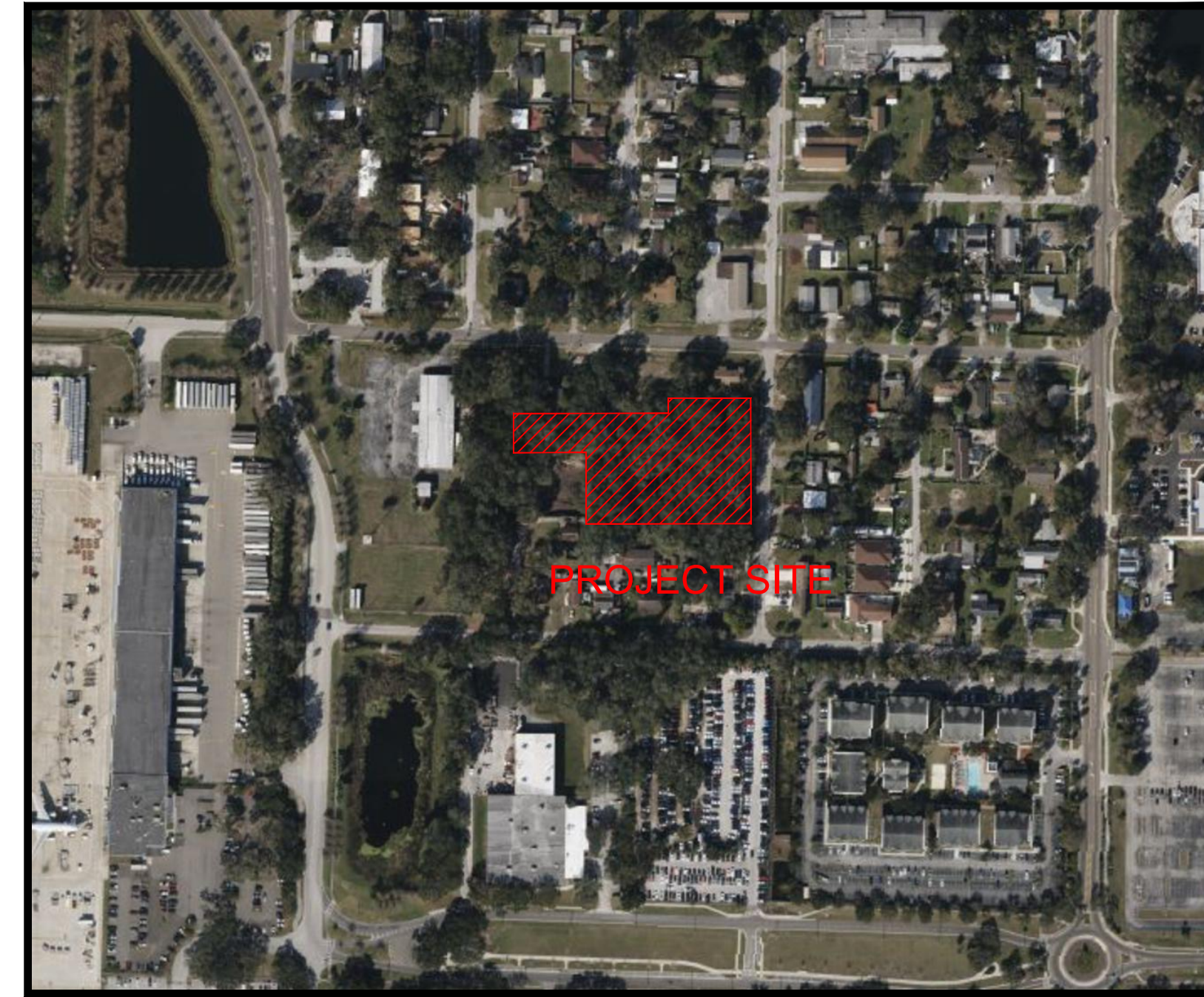
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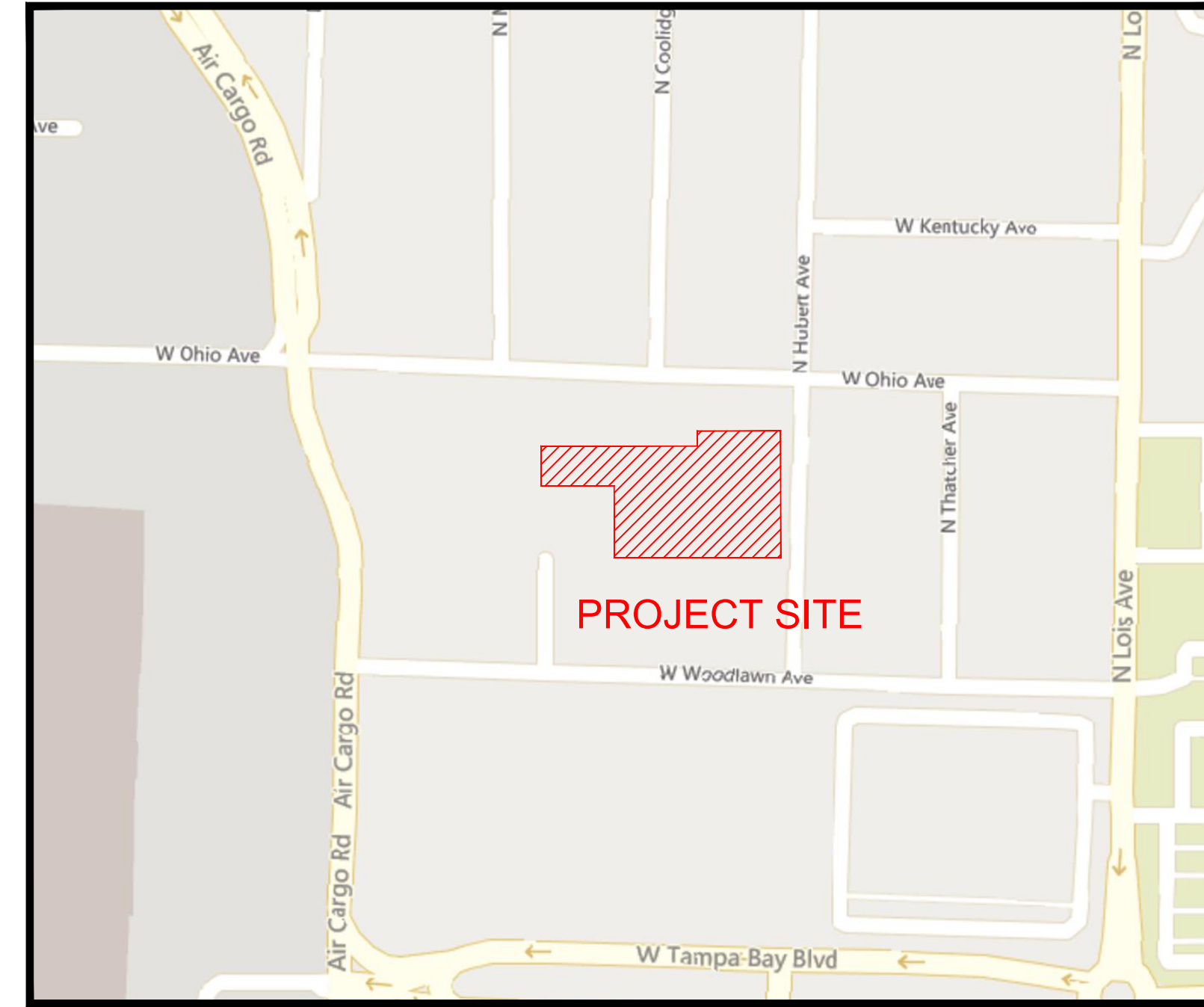
City of Tampa
306 East Jackson Street
Tampa, Florida 33602

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SITE AERIAL PHOTOGRAPH

N.T.S.



SITE LOCATION MAP

N.T.S.

FLOOD ZONE INFORMATION

PER FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), THIS SITE IS LOCATED WITHIN ZONE "X" (FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NUMBER: 12057C0332J REVISED 10/7/2021)

GEOTECHNICAL INVESTIGATION

GEOTECHNICAL INFORMATION PROVIDED BY: INTERTEK PSI
SIGNED AND SEALED BY: COURTLAND ALVIES, P.E. FLORIDA LICENCE # 93388
DATED: 12/19/2025

BOUNDARY AND TOPOGRAPHIC SURVEY

SURVEY INFORMATION PROVIDED BY: TRANSYSTEMS L.B. #8103
SIGNED AND SEALED BY: FREDERICK S. BACHMANN, P.S.M # 5174
DATED: 12/27/24

UTILITIES PROVIDERS

ELECTRICITY
TAMPA ELECTRIC COMPANY
702 NORTH FRANKLIN STREET
TAMPA, FLORIDA 33601
TEL: (813) 288-1111

WATER AND SEWER
CITY OF TAMPA UTILITIES DEPARTMENT
306 EAST JACKSON STREET
TAMPA, FLORIDA 33602
TEL: (813) 274-8211

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CONTRACTOR SHALL CALL

"SUNSHINE STATE ONE CALL" OF FLORIDA AT 1-800-432-4770
A MINIMUM OF 2 AND A MAXIMUM OF 5 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION.

OWNER:

CITY OF TAMPA

ENGINEER:

HIGH POINT ENGINEERING, INC.
5005 W. LAUREL STREET, SUITE 201
TAMPA, FLORIDA 33607
TEL: (813) 644-8333

SURVEYOR:

TRANSYSTEMS
565 SOUTH HERCULES AVENUE
CLEARWATER, FLORIDA 33764
TEL: (727) 822-4151

LANDSCAPE:

PLACE MAKER DESIGN STUDIO, LLC
415 PLAZA DRIVE
DUNEDIN, FLORIDA 34698
TEL: (727) 726-6124

CONTRACTOR:

TBD
TBD
TBD

NOTES:

CONTRACTOR TO COMPLETE AND SUBMIT A CONSTRUCTION PARKING ATTESTATION PRIOR TO PERMIT APPLICATION ACCEPTANCE FOR NEW CONSTRUCTION.

Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

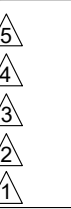
Seal

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRAULIO GRAJALES, PE ON THE DATE ADJACENT TO THE SEAL. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THIS DRAWING IS THE PROPERTY OF HIGH POINT ENGINEERING, INC. UNDER NO CIRCUMSTANCES MAY THIS DRAWING BE REPRODUCED, PUBLISHED, ALTERED OR USED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION FROM HIGH POINT ENGINEERING, INC.

58626 BRAULIO GRAJALES
FL Registration No. Professional Engineer Sign Date
COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE PROFESSIONAL ENGINEER

BID SET



| REV | DATE | DESCRIPTION |
|-----|-------------|--------------|
| | Date: | May 15, 2026 |
| | Job No.: | 8702 |
| | Drawn By: | RT |
| | Checked By: | JRP |

Sheet Title

COVER SHEET

Sheet No.

C-1.0



GENERAL CONSTRUCTION NOTES:

- THESE DRAWINGS SHALL NOT BE UTILIZED FOR CONSTRUCTION PRIOR TO OBTAIN THE PERMITS FROM THE CITY/COUNTY AND OTHER GOVERNMENTAL AND REGULATORY AGENCIES HAVING JURISDICTION OVER THE PROJECT. THE CONTRACTOR SHALL ASSURE THAT CONSTRUCTION IS IN ACCORDANCE WITH THE APPROVED DRAWINGS.
- THE CONTRACTOR SHALL READ AND UNDERSTAND THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AND REGULATORY AGENCIES, THE ENGINEER, AND THE ARCHITECT. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE ANY NECESSARY INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
- UNLESS OTHERWISE SPECIFIED, ALL WORK PERFORMED SHALL COMPLY WITH THE ORDINANCES AND REGULATIONS OF THE GOVERNMENTAL AND REGULATORY AGENCIES HAVING JURISDICTION OVER THE PROJECT. ALL CONSTRUCTION MATERIALS, MEANS, METHODS, PROCEDURES AND TECHNIQUES SHALL CONFORM TO CITY/COUNTY CONSTRUCTION STANDARDS, FDOT "STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM" AND FDOT "SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION.
- THE INFORMATION PROVIDED IN THESE CONSTRUCTION DOCUMENTS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING AND EVALUATING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY OR ALL INVESTIGATIONS AS DEEMED NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT MAY BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM A SITE RECONNAISSANCE PRIOR TO BIDDING THE WORK AND CONDUCT STUDIES, TESTS AND SURVEYS AS DEEMED NECESSARY TO MAKE THEIR OWN DETERMINATION AS TO THE ACTUAL SURFACE AND SUBSURFACE CONDITIONS EXISTING AT THE SITE. ACTUAL CONDITIONS THAT DIFFER FROM THOSE SHOWN ON THE CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE GROUNDS FOR AMENDMENTS TO THE CONTACT PRICE.
- IMMEDIATELY UPON MOBILIZING TO THE SITE, THE CONTRACTOR (ACCOMPANIED BY THE OWNER AND ARCHITECT) SHALL PERFORM A SURVEY OF THE ENTIRE PROJECT AREA. THE CONTRACTOR SHALL SURVEY IN DETAIL USING WRITTEN AND PHOTOGRAPHIC MEANS, BUILDING(S) AND SITE AREAS THAT ARE NOT IN A FIRST CLASS CONDITION (SURFACES THAT ARE UNBROKEN, NON-CRACKED, NON-RUSTING, WITHOUT SPLINTERS, OF TEXTURE MATCHING ITS SURROUNDING, WITH NEW APPEARING FINISHES, AND OPERATING AS ORIGINALLY DESIGNED OR INTENDED TO OPERATE) SPECIALLY THOSE THAT WILL REMAIN IN THEIR EXISTING CONDITION AT THE END OF PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TO THE OWNER A COMPLETE PROJECT IN FIRST CLASS CONDITION, MEETING INDUSTRY WIDE STANDARDS IN QUALITY AND PERFORMANCE (REGARDLESS OF WHETHER AN AREA IS SPECIFICALLY IDENTIFIED WITHIN THE DRAWINGS AND SPECIFICATIONS OR NOT) UNLESS A PARTICULAR AREA HAS BEEN DESCRIBED IN THE WRITTEN AND PHOTOGRAPHIC DETAILS. SHOULD DURING THE COURSE OF THE WORK, ANY AREA OF THE BUILDING(S) AND/OR UTILITIES AND/OR THE SITE BECOME DAMAGED AND THAT AREA WAS NOT SPECIFICALLY CALLED OUT TO BE A PART OF THE CONSTRUCTION, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE DAMAGED AREA TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO ADDITIONAL COST.
- WHEN NECESSARY, THE CONTRACTOR SHALL COORDINATE AND SCHEDULE CONSTRUCTION ACTIVITIES WITH OTHER CONTRACTORS AND UTILITY COMPANIES (E.G., POWER, TELEPHONE, CABLE, GAS, ETC.), IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE REQUIRED PERMITS TO PERFORM WORK WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAY AND ENSURE THAT ALL PERMITS ARE APPROVED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL USE THE BENCHMARK ELEVATION NOTED IN THE BOUNDARY AND TOPOGRAPHIC SURVEY TO REFERENCE ALL TEMPORARY BENCHMARKS, BASE LINES, GRADE POINTS AND PROPERTY MONUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REESTABLISH, IN THEIR ORIGINAL STATE, THE PROPERTY MONUMENTS DISTURBED OR DAMAGED DURING CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE TO VERIFY AND CORRELATE IN THE FIELD ALL BASE LINES, ELEVATIONS, AND DIMENSIONS SHOWN IN THESE PLANS, AND REPORT TO THE ENGINEER IN WRITING ANY ERROR, OMISSION, OR DISCREPANCY BEFORE PERFORMING ANY WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND MAKE ADJUSTMENTS OF ANY CONFLICT SHOWN OR NOT SHOWN IN THESE PLANS WITH OTHER EXISTING SITE IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS OR DISCREPANCIES BEFORE PERFORMING ANY WORK IN THE CONFLICTING AREA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT SUCH AS BASE LINES, GRADES, SLOPES, UTILITY RELOCATIONS, OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE. ACTUAL CONDITIONS THAT DIFFER FROM THOSE SHOWN IN THESE PLANS SHALL NOT CONSTITUTE GROUNDS FOR AMENDMENTS TO THE CONTACT PRICE.
- THE CONTRACTOR SHALL NOT COMMENCE THE CONSTRUCTION OF POTABLE WATER AND/OR SANITARY SEWER SYSTEMS PRIOR TO OBTAIN THE PERMIT(S) FROM THE FLORIDA DEPARTMENT OF HEALTH AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN FROM THE OWNER OR THE ENGINEER A COPY OF ALL PERTINENT PERMITS RELATED TO THIS PROJECT AND REVIEW THEM TO ASSURE THAT ALL CONDITIONS DESCRIBED ON THE PERMITS ARE IN COMPLIANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING AND COORDINATION OF THE UNDERGROUND WORK ASSOCIATED WITH THIS PROJECT. IT WILL BE NECESSARY TO IDENTIFY, EXAMINE, COORDINATE AND/OR ADJUST ACCORDINGLY THE PROPOSED LOCATIONS OF THE VARIOUS COMPONENTS OF THE UTILITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT DRAWINGS SHOWING ADJUSTED PIPE SIZES, STRUCTURES, AND ELEVATIONS.
- THE CONTRACTOR SHALL COORDINATE THE POINTS OF CONNECTIONS OF UTILITIES WITH DIFFERENT SUBCONTRACTORS. THE SITE CONTRACTOR SHALL BRING THE UNDERGROUND INFRASTRUCTURES (I.E. SANITARY SEWER, STORM SEWER, WATER LINES, FIRE LINES, ETC.) TO 5 FEET OUTSIDE THE BUILDING(S). THE PLUMBING CONTRACTOR SHALL CONNECT AND MEET THE INVERT ELEVATIONS OF SAID UTILITIES. ANY UTILITY WORK PERFORMED WITHIN 5' OF THE BUILDING SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODE OF ORDINANCE REQUIREMENTS.
- TOPOGRAPHIC SURVEY AND LEGAL DESCRIPTIONS WERE PREPARED BY OTHERS AND ARE SHOWN HEREIN FOR INFORMATION PURPOSES ONLY. THE ENGINEER ASSUME NO RESPONSIBILITY FOR THEIR PREPARATION, COMPLETENESS NOR ACCURACY AND THE CONTRACTOR IS FULLY RESPONSIBLE WHEN USING SAID INFORMATION. PROPOSED LOCATIONS, ELEVATIONS, AND DIMENSIONS OF STRUCTURES AND OTHER SITE FEATURES ARE SHOWN IN ACCORDANCE TO THE SURVEY INFORMATION PROVIDED TO THE ENGINEER AT THE TIME OF THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
- GEOTECHNICAL INVESTIGATION AND RECOMMENDATIONS WERE PREPARED BY OTHERS AND ARE USED SOLELY TO ASSIST CONTRACTORS IN ASSESSING THE NATURE AND EXTENT OF TESTS AND STUDIES REQUIRED TO MAKE THEIR OWN DETERMINATION AS TO THE ACTUAL SURFACE AND SUBSURFACE CONDITIONS EXISTING AT THE SITE. NO REPRESENTATION IS MADE OR GIVEN CONCERNING THE ACTUAL SURFACE AND SUBSURFACE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK AND CONTRACTORS ARE FULLY RESPONSIBLE WHEN USING SAID INFORMATION. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY OR ALL INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT MAY BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE EXISTING UNDERGROUND UTILITY LINES SHOWN HEREON WERE TAKEN FROM DOCUMENTS FURNISHED BY OTHERS AND NOT FIELD VERIFIED. THE CONTRACTOR MUST USE SAID INFORMATION ONLY AS A GUIDE TO THE SUGGESTED LOCATION OF UNDERGROUND UTILITY SERVICES, INCLUDING BUT NOT LIMITED TO: POTABLE WATER LINES, SANITARY SEWER, STORM SEWER, GAS LINES, ELECTRICAL POWER, RECLAIMED WATER LINES, IRRIGATION LINES, TELEVISION CABLES, FIBER OPTIC CABLES, TELEPHONE CABLES, ALARM SYSTEM CABLES, SECURITY WIRING, SITE UNDERGROUND MECHANICAL, CONTROL SYSTEMS WIRING, SYSTEMS INCLUDING INSULATION, ETC. THE ENGINEER CANNOT GUARANTEE THE ACCURACY OF THE EXISTING UNDERGROUND UTILITY LINES NOR THAT ALL ARE SHOWN HEREON. THE CONTRACTOR SHALL DETERMINE THE SPECIFIC LOCATION AND CAREFULLY EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH OWNER(S) TO THEIR SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH NEW CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, PER SPECIFICATIONS, ANY AND ALL DAMAGED UNDERGROUND UTILITY SERVICES AS LISTED ABOVE AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY ENVIRONMENTAL PROTECTION AGENCY PERMITTING WHEN REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR GETTING A DEWATERING PLAN APPROVED BY THE WATER MANAGEMENT DISTRICT WHEN REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, REPAIRING AND/OR REINSTALLING DAMAGED OR DISTURBED EXISTING IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, SIDEWALKS, DUMPSTER PADS, FENCES, HAND RAILS, GATE VALVES, CLEANOUTS, FIRE HYDRANTS, FIRE DEPARTMENT CABLE AND TELEPHONE CABLES, ELEVATED POWER AND TELEPHONE LINES, ETC. WATER, SANITARY, GAS AND STORMWATER PIPELINES, UNDERGROUND POWER, TELEPHONE AND CABLE LINES, IRRIGATION SYSTEMS AND CONTROLS, ETC.
- THE CONTRACTOR SHALL LOCATE PROPERTY LINES AS REQUIRED TO AVOID ENCRoACHMENT INTO ADJACENT PROPERTY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE OWNER CONCERNING LIMITS OF CONSTRUCTION, TRANSITIONS, PHASES, ETC. WHICH MAY NOT BE SHOWN ON THESE PLANS.
- THE CONTRACTOR SHALL RESTORE TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS, ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THE WORK. ADDITIONAL COSTS ARE INCIDENTAL AND NO EXTRA COMPENSATION IS TO BE ALLOWED.
- ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO SUBGRADE STABILIZATION, BASE AND PAVEMENT CONSTRUCTION.
- ADJUSTMENTS OF WATER VALVES, WATER METERS, SANITARY MANHOLE TOPS, INLETS, JUNCTION BOX TOPS, ETC. SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND NO CLAIM SHALL BE MADE AGAINST THE OWNER OR THE ENGINEER FOR THESE ADJUSTMENTS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE OWNER FOR APPROVAL ON ALL PRECAST AND MANUFACTURED ITEMS FOR THIS PROJECT. FAILURE TO OBTAIN APPROVAL BEFORE MANUFACTURE AND INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE UTILITY INSPECTORS 5 DAYS BEFORE CONNECTING TO ANY UTILITY LINE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT TO THE APPROPRIATE AGENCIES AT LEAST THREE (3) WEEKS PRIOR TO START OF CONSTRUCTION ALL REQUIRED SIGNATURES, CONTRACTOR'S LEGAL AFFIDAVIT, SCHEDULE, MANAGEMENT, MANAGEMENT OF TRAFFIC PLAN AND OTHER PERTINENT INFORMATION REQUIRED. ANY WORK PERFORMED WITHOUT PRESENCE OF THE AGENCY INSPECTOR, MAY BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

- THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A FLORIDA REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER TO PERFORM ALL SITE CONSTRUCTION QUALITY ASSURANCE AND QUALITY CONTROL TESTING, AND THIS COST SHALL BE INCLUDED AS PART OF THE CONTRACT PRICE. IN LOCATIONS WHERE THE CONSTRUCTION TAKES PLACE WITHIN PUBLIC RIGHT-OF-WAY, ALL SAMPLING AND TESTING SHALL BE IN ACCORDANCE WITH FDOT AND LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL FORWARD TO THE OWNER A COPY OF ALL COMPACTION AND ASPHALT MIX TEST RESULTS. THE TEST RESULTS SHALL BE CERTIFIED BY A MATERIAL/GEOTECHNICAL ENGINEER, IN WRITING, THAT ALL TESTING REQUIREMENTS, REQUIRED BY CITY/COUNTY AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AS WELL AS BY THE APPROVED CONSTRUCTION PLANS, ARE SATISFIED.
- DEVIATIONS TO THESE PLANS AND SPECIFICATIONS WITHOUT CONSENT OF THE ENGINEER OR THE OWNER MAY BE A CAUSE FOR THE WORK TO BE UNACCEPTABLE. VALUE ENGINEERING SHALL RECEIVE WRITTEN APPROVAL FROM THE ENGINEER AND THE OWNER.
- THE CONTRACTOR SHALL PROVIDE CERTIFIED AS-BUILT DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE AS-BUILT DRAWINGS SHALL INCLUDE, BUT NOT LIMITED TO, ACCURATE HORIZONTAL AND VERTICAL LOCATION OF DETENTION / RETENTION BASINS (INCLUDING TOP OF BANK, TOE OF SLOPE, BOTTOM OF POND AND SIDE SLOPES, CONTROL STRUCTURES), DIMENSION AND INVERT ELEVATION OF WEIR, ORIFICE AND SKIMMER, INLET AND MANHOLE SIZES AND STORM PIPE INVERT ELEVATIONS, SIZE AND LOCATIONS OF ALL UTILITIES INCLUDING SANITARY SEWER AND WATER PIPES AND FITTINGS, STORM AND SANITARY SEWER SLOPES, CONCRETE PADS, SIDEWALKS, FINISHED FLOOR ELEVATION(S), GRADE BREAKS, ETC. THE CONTRACTOR SHALL PROVIDE FIVE COPIES OF THE CERTIFIED AS-BUILT DRAWINGS TO THE ENGINEER. THE AS-BUILT DRAWING SHALL BE SUFFICIENT IN DETAIL TO BE ACCEPTABLE BY GOVERNMENTAL AND REGULATORY AGENCIES HAVING JURISDICTION ON THE PROJECT.
- CONTRACTOR SHALL PROVIDE SANITARY SEWER AND WATER MAIN SYSTEMS CERTIFIED AS-BUILT DRAWINGS INCLUDING SANITARY SEWER INFILTRATION / EXFILTRATION TEST RESULTS, WATER MAIN PRESSURE TEST RESULTS AND TWO (2) CONSECUTIVE DAYS BACTERIOLOGICAL SAMPLING RESULTS AT LEAST SIX (6) WEEKS PRIOR TO ANTICIPATED DATE OF CERTIFICATE OF COMPLETION APPLICATION.
- SIGN MONUMENTS, WALLS AND FENCES REQUIRE SEPARATE PERMIT APPLICATION(S). ANY DEVIATIONS SHALL RECEIVE WRITTEN APPROVAL FROM THE OWNER.
- WHEN NECESSARY, CONTRACTOR SHALL BE RESPONSIBLE FOR AN EASEMENT INSPECTION BY CITY/COUNTY ENGINEERING DEPARTMENT PRIOR TO CONCRETE POUR OF FOOTER/SLAB. CONTRACTOR SHALL STAKE ALL PROPERTY CORNERS AND EASEMENT LINES PRIOR TO EASEMENT INSPECTION.
- ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST EDITION OF THE FLORIDA FIRE PREVENTION CODE, WHICH INCLUDES THE LATEST EDITIONS OF THE N.F.P.A. #1 FIRE PREVENTION CODE & 101 THE LIFE SAFETY CODE.
- THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES.

GENERAL SAFETY NOTES:

- THESE CONSTRUCTION PLANS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY IN ACCORDANCE WITH U.S. DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR MEANS, METHODS, PROCEDURES AND TECHNIQUES OF CONSTRUCTION SAFETY.
- LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET BY THE U.S. DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- DURING CONSTRUCTION, ALL SAFETY CONTROLS AND REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PEDESTRIANS AND WORKERS.
- THE MINIMUM STANDARDS IN "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED FOR THE DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PEDESTRIANS AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED AND APPROVED BY APPLICABLE AGENCIES PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ITS EMPLOYEES AND SUB CONTRACTORS WITH ADEQUATE INFORMATION AND TRAINING TO ENSURE THAT THEY COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS. CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH ALL U.S. DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AS WELL AS THE ENVIRONMENTAL PROTECTION LAWS.
- THE CONTRACTOR PERFORMING TRENCH EXCAVATION, IN EXCESS OF 5' FEET IN DEPTH, SHALL CONFORM TO THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS FOR EXCAVATIONS SAFETY STANDARDS, 29 C.F.R., § 1926.650, SUBPART P, INCLUDING ALL SUBSEQUENT REVISIONS OR UPDATES TO THE STANDARDS AS ADOPTED BY THE DEPARTMENT OF LABOR AND EMPLOYMENT SECURITY (DLES).
- TO COMPLY WITH THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE UTILITY COMPANIES, AFFILIATED OR NOT AFFILIATED TO THE "SUNSHINE STATE ONE CALL" OF FLORIDA CORPORATION, PRIOR TO CONSTRUCTION TO OBTAIN FIELD LOCATIONS AND/OR CLEARANCE OF EXISTING UNDERGROUND UTILITIES.

STANDARD SYMBOLS

| EXISTING | DESCRIPTION | PROPOSED |
|----------|--------------------------------------|----------|
| | WATER METER | |
| | RECLAIMED METER | |
| | METER AND BACK FLOW PREVENTOR | |
| | DOUBLE DETECTOR CHECK VALVE ASSEMBLY | |
| | FIRE HYDRANT ASSEMBLY | |
| | FIRE DEPARTMENT CONNECTION | |
| | GATE VALVE | |
| | BLOW-OFF VALVE | |
| | SANITARY SEWER MANHOLE | |
| | CLEANOUT | |
| | GREASE TRAP / OIL SEPARATOR | |
| | SURFACE FLOW ARROW | |
| | GRATE INLET | |
| | CURB INLET | |
| | STORM SEWER MANHOLE | |
| | MITERED END SECTION | |
| | FLARED END SECTION | |
| | LIGHT POLE | |
| | CONCRETE UTILITY POLE | |
| | WOOD UTILITY POLE | |
| | GUIDE WIRE | |
| | BOLLARD | |
| | SIGNAGE | |
| | WHEEL STOP | |
| | HANDICAP SPACE | |
| | TRAFFIC MARKINGS | |

LINE TYPES

| EXISTING | DESCRIPTION | PROPOSED |
|----------|------------------------|----------|
| | PROPERTY LINE | |
| | CENTER LINE | |
| | EDGE OF PAVEMENT | |
| | WALL | |
| | WOOD FENCE | |
| | CHAIN LINK FENCE | |
| | BARB WIRE FENCE | |
| | SILT FENCE | |
| | LOT LINE | |
| | POND TOP OF BANK | |
| | RIGHT OF WAY LINE | |
| | SECTION LINE | |
| | STORM SEWER LINE | |
| | CABLE TV LINE | |
| | FIBER OPTIC LINE | |
| | TELEPHONE LINE | |
| | ELECTRIC LINE | |
| | OVERHEAD POWER LINE | |
| | UNDERGROUND POWER LINE | |
| | RECLAIMED WATER LINE | |
| | IRRIGATION WATER LINE | |
| | FIRE LINE | |
| | POTABLE WATER LINE | |
| | SANITARY SEWER LINE | |
| | FORCE MAIN LINE | |
| | GAS LINE | |
| | EASEMENT LINE | |
| | WETLAND LINE | |
| | FLOOD ZONE LINE | |
| | CONTOUR LEVEL | |
| | RIDGE LINE | |
| | BASIN LINE | |

ABBREVIATIONS

| | | | | | |
|----------|--|-------|--|-------|-------------------------------------|
| ABC | ASPHALT BASE COURSE | EL | ELEVATION | NHW | NORMAL HIGH WATER |
| ABS | ACRYLONITRILE-BUTADIENE-STYRENE PIPE | ELRP | ELLIPTICAL REINFORCED CONCRETE PIPE | NTS | NOT TO SCALE |
| AC | AIR CONDITIONER | ED | EDGE OF PAVEMENT | OD | OUTSIDE DIAMETER |
| ACEL | ACCELERATION | EM | ELECTRIC METER | OSP | OVERHEAD POWER |
| ASPH | ASPHALT | EMB | EMBANKMENT | PAVT | PAVEMENT |
| ASPH/DMC | ASPHALT TO CONCRETE | EMSP | EASEMENT | PL | PROPERTY LINE |
| ASTM | AMERICAN SOCIETY FOR TESTING MATERIALS | EMST | EASEMENT | PVC | POLYVINYL CHLORIDE PIPE |
| AASHTO | AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS | EXCAV | EXCAVATION | Q | PEAK DISCHARGE OF FLOW VOLUME (CFS) |
| BFP | BACK FLOW PREVENTOR | EX | EXISTING | RCB | REINFORCED CONCRETE PIPE |
| BOC | BACK OF CURB | FC | FRICTION COEFFICIENT | REQ | REQUIRED |
| BCCMP | BITUMINOUS COATED CORRUGATED METAL PIPE | FDN | FOUNDATION | RPZ | REDUCED PRESSURE ZONE |
| BT | BITUMINOUS | FIE | FIRE HYDRANT ASSEMBLY | RW | RIGHT OF WAY |
| BL | BASE LINE | FES | FLARED END SECTION | RA | RAILROAD |
| BLHD | BULKHEAD | FM | FEDERAL HIGHWAY ADMINISTRATION | RAM | SAND/ASPHALT HOT MIX |
| BLVD | BOULEVARD | FMHA | FEDERAL HIGHWAY ADMINISTRATION | SAN | SANITARY SEWER |
| BM | BENCHMARK | FO | FIBER OPTIC CABLE | SBAC | SHELL BASE ASPHALTIC CONCRETE |
| BOT | BOTTOM | FO | FIBER OPTIC CABLE | SBRM | SAND BITUMINOUS ROAD MIX |
| BRG | BEARING | GD | GUTTER INLET | SC | SAND/CLAY SURFACE TREATMENT |
| BT | BURIED TELEPHONE CABLE OR DUCT | GI | GUTTER INLET | SHLDR | LUMP SUM |
| BTFLY | BUTTERFLY | GRP | GALVANIZED IRON PIPE | SHW | SEASONAL HIGH WATER |
| BWF | BARBED WIRE FENCE | GM | GUTTER | ST | STRUCTURE |
| C&P | CORRUGATED ALUMINUM PIPE | GTTR | GUTTER | SUBS | SUBGRADE |
| C&P | CORRUGATED ALUMINUM PIPE | GUY | GUIDE WIRE | MPH | MILES PER HOUR |
| CBC | CONCRETE BOX CULVERT | HT | HEIGHT | TBO | TEMPORARY BLOW-OFF |
| CM | CEMENT | HVY | HIGHWAY | TBM | TEMPORARY BENCH MARK |
| CL | CAST IRON PIPE | HS-20 | AASHTO NEW TRUCK MODEL FOR BRIDGE EVALUATION | TCE | TEMPORARY CONCRETE BARRIER |
| CLF | CHAIN LINK FENCE | ID | INSIDE DIAMETER | TCE | TEMPORARY CONSTRUCTION EASEMENT |
| CM | CONCRETE MONUMENT | IE | INVERT ELEVATION | TEL | TELEPHONE |
| CMP | CORRUGATED METAL PIPE | IMC | INTERMEDIATE METAL CONDUIT | TOP | TOP OF BANK |
| CMFA | CORRUGATED METAL PIPE ARCH | INTS | INSTITUTE OF TRANSPORTATION ENGINEERS | TOP | TOP OF PIPE |
| CO | CLEANOUT | JNB | JUNCTION BOX | TOS | TOE OF SLOPE |
| CONC | CONCRETE | JT | JUNCTION | TYP | TYPICAL |
| CP | CONCRETE PIPE | L | LENGTH | TW | TOP OF WALL |
| CP | CORRUGATED POLYETHYLENE PIPE | LB | LEIBERSON BEARING RATIO | T&V | TAP AND VALVE |
| CSP | CLEAR STEEL PIPE | LFD | LOAD FACTOR DESIGN | UD | UNDERDRAIN |
| CT | CLEAR TRUNK | LFPO | LOAD RESISTANCE FACTOR DESIGN | UG | UNDERGROUND |
| CULV | CULVERT | MASS | MASS | USGS | US GEOLOGICAL SURVEY |
| DA | DRAINAGE AREA | ME | MITERED END SECTION | VCP | VITRIFIED CLAY PIPE |
| DB | DITCH BOTTOM/INLET | MS | MANHOLE | VOL | VOLUME |
| DD | DRY DENSITY | MHW | MEAN HIGH WATER | W/C | WATER-CEMENT RATIO |
| DECEL | DECELERATION | MON | MONUMENT | WB40 | INTERMEDIATE SEMI TRAILER (40' WB) |
| DENS | DENSITY | MOT | MAINTENANCE OF TRAFFIC | WB50 | LARGE SEMI TRAILER (50' WB) |
| DIP | DITCH/IRON PIPE | MSL | MEAN SEA LEVEL | WB90 | TANDEM SEMI TRAILER (90' WB) |
| DI | DITCH INLET | MTD | MEAN TIME DURATION | WM | WATER MAIN |
| DI | DITCH INLET | N | NORTH | WT | WATER TABLE |
| DIV | DIVISION | N/A | NOT APPLICABLE | WY | WATER QUALITY TREATMENT |
| DW | DESIGN LOW WATER | NAVJ | NORTH AMERICA VERTICAL DATUM OF 1988 | XSEC | CROSS SECTION |
| DOVA | DOUBLE DETECTOR CHECK VALVE ASSEMBLY | NGVD | NATIONAL GEODETIC VERTICAL DATUM OF 1929 | Y | YEAR |

UNITS OF MEASURE

| | | | |
|-------------|-------------------------|-------|-------------------------------|
| AC | ACRE | CF | CUBIC FOOT |
| BA | BARREL | CFY | CUBIC FEET PER SECOND |
| BSH | BUSHEL | CU | CUBIC YARD |
| CB | CUBIC FOOT | DA | DAYS |
| CC | CUBIC CENTIMETER | FT | FOOT |
| CCF | CENT CUBIC FEET | FPS | FEET PER SECOND |
| GA | GALLON | HP | HORSE POWER |
| IN | INCH | RW | RIGHT OF WAY |
| KIP | THOUSAND POUNDS (FORCE) | RA | RAILROAD |
| KSI | KIPS PER SQUARE INCH | RAM | SAND/ASPHALT HOT MIX |
| MB | MILES | SAN | SANITARY SEWER |
| MPH | MILES PER HOUR | SBAC | SHELL BASE ASPHALTIC CONCRETE |
| OZ | OUNCE | SBRM | SAND BITUMINOUS ROAD MIX |
| PSI | POUNDS PER SQUARE INCH | SC | SAND/CLAY SURFACE TREATMENT |
| SEC | SECOND | SHLDR | LUMP SUM |
| SQ FT or SF | SQUARE FOOT | SHW | SEASONAL HIGH WATER |
| SQ IN or SI | SQUARE INCH | ST | STRUCTURE |
| SQ YD or BY | SQUARE YARD | SUBS | SUBGRADE |
| TON | TON | MPH | MILES PER HOUR |
| VF | VERTICAL FOOT | TBO | TEMPORARY BLOW-OFF |
| YR | YEAR | TBM | TEMPORARY BENCH MARK |

BID SET

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| Drawn By: | RT |
| Checked By: | JRP |

Sheet Title

GENERAL NOTES, SYMBOLS & ABBREVIATIONS

Sheet No.



C-2.1

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TESTING

MATERIAL

- A. ALL VALVES SHALL BE RIGHT HAND (CLOCKWISE) OPEN.
- B. ALL DUCTILE IRON PIPE (DIP) FITTINGS AND APPURTENANCES SHALL UTILIZE POLYURETHANE.
- C. ALL HARDWARE SHALL BE, AT MINIMUM, 304 STAINLESS STEEL, UNLESS OTHERWISE NOTED.
- D. ALL GROUND BENDS SHALL BE MECHANICAL JOINT.
- E. ALL VALVES AND FITTINGS SHALL BE REINFORCED.
- F. CONCRETE THRUST BLOCKS SHALL NOT BE USED TO PROVIDE THRUST RESTRAINT. RESTRAINT OF PUSH-ON DIP (OTHER THAN FOR FITTINGS AND VALVES) SHALL BE WITH APPROVED PUSH-ON GRIPPER-TYPE RESTRAINTS. FITTINGS AND VALVES SHALL BE CONNECTED TO PIPE WITH MEGA LUGS, OR APPROVED EQUAL.
- G. ALL POTABLE WATER SERVICE LATERALS, AIR RELEASE VALVES, AND TEMPORARY SAMPLE POINTS SHALL BE CONSTRUCTED OF BLUE SODIUM HIGH DENSITY POLYETHYLENE (HDPE) TUBING. ALL HDPE TUBING SHALL BE INSTALLED WITHIN A CHANNEL AS DEFINED IN THE SPECIFICATIONS AND DETAILS OF THE CITY OF TAMPA WATER DEPARTMENT TECHNICAL MANUAL.

DIRECTIONAL DRILLING

- A. HORIZONTAL ALIGNMENT SHALL BE AS SHOWN ON THE DRAWINGS. THE PIPE SHALL HAVE A MINIMUM 48-INCH COVER. THE MAXIMUM DEPTH SHALL BE DETERMINED BASED ON 36-INCH MINIMUM CLEARANCE UNDER WATER OR GAS LINES AND 24-INCH CLEARANCE UNDER ALL OTHER EXISTING OR PROPOSED UTILITIES TO BE CROSSED. CONSTRUCTION CURVATURES MAY BE USED, BUT SHALL NOT EXCEED THE MAXIMUM DEFLECTIONS AS SET FORTH BY THE HDPE PIPE MANUFACTURE OR AWWA STANDARDS, WHICHEVER IS STRICTER.
- B. ENTRY ANGLE SHALL BE 12" - 14" IDEAL (NOT TO EXCEED 15"), EXIT ANGLE SHALL BE 8" - 12" TO FACILITATE "PULL-BACK".
- C. ENTRY AND EXIT ANGLES ARE DEFINED AS ANGLES FROM THE HORIZONTAL.
- D. A BORING LOG FOR THE VERTICAL AND HORIZONTAL ALIGNMENTS OF THE DIRECTIONAL DRILLING PIPES SHALL BE PROVIDED AND SUBMITTED ALONG WITH THE AS-BUILT PACKAGE.

TESTING

- A. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL BE PROPERLY PRESSURE TESTED, WITNESSED, AND ACCEPTED BY THE CITY OF TAMPA WATER DEPARTMENT IN ORDER TO COMPLY WITH CITY OF TAMPA WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY THE ASSIGNED CITY INSPECTOR A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE OF PERFORMING TESTS. CONTRACTOR SHALL PRESSURE TEST WATER MAINS AT A MINIMUM OF 150 PSI FOR A PERIOD OF TWO (2) HOURS IN ACCORDANCE WITH AWWA C600-87 STANDARDS. THE CONTRACTOR SHALL MAKE ALL NECESSARY APPLICATIONS AND ARRANGEMENTS.
- B. ALL SAMPLE PRESSURE TEST, AND CHLORINATION POINT PIPING SHALL BE COMPLETELY REMOVED PRIOR TO FINAL ACCEPTANCE. THE CORPORATION STOP SHALL BE CLOSED AND PLUGGED AT THE MAIN.
- C. CONTRACTOR SHALL PERFORM DISINFECTION AND HIRE INDEPENDENT FIRMS TO CONDUCT BACTERIOLOGICAL TESTING AS DEFINED IN A.C. 82-55-340. CONTRACTOR SHALL SUPPLY THE CITY WITH AS-BUILTS AND SAMPLE RESULTS NECESSARY TO OBTAIN DEP CLEARANCES.

RESTORATION

- A. ROADWAY RESTORATION SHALL BE IN CONFORMANCE WITH CORRESPONDING JURISDICTIONS LATEST STANDARDS.
- B. ALL ASPHALT OPEN CUTS WITHIN CITY RIGHT-OF-WAY SHALL BE FULLY MILLED AND OVERLAYED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT PER THE WATER DEPARTMENTS STANDARD DETAIL.
- C. DISTURBANCE TO ANY PROPERTY, PUBLIC OR PRIVATE, AS PART OF THE CONSTRUCTION OF PUBLIC WATER FACILITIES, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

CERTIFICATE OF OCCUPANCY

THE CITY OF TAMPA WATER DEPARTMENT'S HOLD ON THE CERTIFICATE OF OCCUPANCY WILL NOT BE RELEASED UNTIL ALL CLOSOUT REQUIREMENTS SET FORTH BY CITY OF TAMPA WATER DEPARTMENT AND CONSTRUCTION ENGINEERING & INSPECTIONS DIVISION HAVE BEEN SATISFIED. THESE REQUIREMENTS MAY INCLUDE, BUT NOT BE LIMITED TO:

- A. FINAL INSPECTION IN CONJUNCTION WITH THE CONSTRUCTION ENGINEERING & INSPECTIONS DIVISION PERSONNEL COMPLETED AND APPROVED.
- B. AS-BUILTS, BOTH HARD COPIES AND PDF, HAVE BEEN RECEIVED AND ACCEPTED. ALL RECORD DRAWINGS MUST CONFORM WITH THE LATEST VERSION OF THE WATER DEPARTMENTS WATER PIPE NETWORK AS BUILT REQUIREMENTS MANUAL.
- C. ALL NECESSARY PERMITS AND CERTIFICATES TO BE OBTAINED.
- D. PAYMENT OF ALL CITY OF TAMPA WATER DEPARTMENT FEES.
- E. ISSUANCE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION / HILLSBOROUGH COUNTY HEALTH DEPARTMENT CERTIFICATION OF COMPLETION APPROVAL (IF APPLICABLE).
- F. RECEIPT AND ACCEPTANCE OF ALL REQUIRED EASEMENT DEDICATION DOCUMENTS (IF APPLICABLE).
- G. RECEIPT AND ACCEPTANCE OF ALL REQUIRED TRANSFER OF OWNERSHIP DOCUMENTS (IF APPLICABLE).

8. ALL SANITARY SEWER COVERS SHALL BE TRAFFIC RATED FOR AASHTO HS-20 TRUCK LOADING.

9. ALL SANITARY SEWER MAINS AND SERVICE LATERALS SHALL BE CONSTRUCTED OF POLYVINYL CHLORIDE (PVC) PIPE S.D.R. 26, UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DRAWINGS. ALL SANITARY SEWER PIPES SHALL BE GREEN COLOR.

10. POLYVINYL CHLORIDE PIPE AND FITTINGS SHALL CONFORM WITH A.S.T.M. SPECIFICATIONS.

11. ALL DUCTILE IRON PIPE SHALL BE CLASS 52 IN ACCORDANCE TO ANSI A 21.50 (AWWA C 150) AND ANSI A 21.51 (AWWA C 151).

12. ALL ON SITE DUCTILE IRON PIPE SHALL RECEIVE INTERIOR AND EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH THE ACTUAL START OF FIELD OPERATIONS IN ORDER TO ENSURE AVAILABILITY OF INSPECTION PERSONNEL. FAILURE TO CONTACT THE PLANNING DIVISION AT THE SPECIFIED TIMES COULD INVALIDATE DEPARTMENT APPROVAL.

13. AT LEAST 3 WEEKS PRIOR TO ANY CONSTRUCTION, THE DEVELOPER'S REPRESENTATIVE SHALL CONTACT THE PLANNING DIVISION'S FIELD INSPECTOR, 306 EAST JACKSON STREET, TAMPA, FLORIDA 33602 (PHONE 813-274-8070), AND SUPPLY THE FIELD INSPECTOR WITH FURTHER CONSTRUCTION DOCUMENTS. THIS INFORMATION SHOULD INCLUDE ALL REQUIRED SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECT SCHEDULE, AND OTHER INFORMATION REQUIRED BY THE PLANNING DIVISION. IT IS IMPERATIVE THAT THE CONTRACTOR BE FULLY INFORMED OF THE NOTIFICATION AND SUBMITTAL REQUIREMENTS OUTLINED IN THE APPROVAL FOR CONSTRUCTION LETTER ISSUED BY THE DEPARTMENT. FAILURE TO COMPLY WITH ALL DEPARTMENT REQUIREMENTS COULD DELAY PROCESSING OF THE CERTIFICATE OF OCCUPANCY FOR THE PROJECT. ALSO, THE PLANNING DIVISION OFFICE SHOULD BE CONTACTED BY TELEPHONE FIVE DAYS PRIOR TO THE ACTUAL START OF FIELD OPERATIONS IN ORDER TO ENSURE AVAILABILITY OF INSPECTION PERSONNEL. FAILURE TO CONTACT THE PLANNING DIVISION AT THE SPECIFIED TIMES COULD INVALIDATE DEPARTMENT APPROVAL.

14. THE CONTRACTOR SHALL PERFORM AN INFILTRATION / EXFILTRATION TEST ON ALL GRAVITY SEWERS AND A PRESSURE TEST ON ALL FORCE MAINS (AS APPLICABLE) IN ACCORDANCE WITH CITY OF TAMPA REGULATIONS. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE CITY OF TAMPA WASTEWATER DEPARTMENT FOR APPROVAL.

15. ONE OR MORE OF THE FOLLOWING CERTIFICATES / SHOP DRAWINGS, DEPENDING ON THE TYPE OF CONNECTION, WILL BE REQUIRED:

- (1) DUCTILE IRON PIPE (DIP) OR POLY-VINYL CHLORIDE (PVC) CERTIFICATE OF MANUFACTURE
- (2) MANHOLE SHOP DRAWINGS AND CONCRETE STRONGID REPORT
- (3) FRAME AND COVER SHOP DRAWINGS
- (4) FLEXIBLE COUPLING SHOP DRAWINGS
- (5) CASING PIPE CERTIFICATE
- (6) JACKING PIT DETAIL
- (7) CRUSHED STONE SUBMITTAL
- (8) VALVE SHOP DRAWING
- (9) MANHOLE DROP CONNECTION DETAIL

THESE ITEMS MUST BE SUBMITTED, REVIEWED, AND APPROVED PRIOR TO STARTING CONSTRUCTION.

- 16. THE CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THE FOLLOWING HAS BEEN COMPLETED:
 - (1) FINAL INSPECTION IN CONJUNCTION WITH DEPARTMENT PERSONNEL
 - (2) AS-BUILTS HAVE BEEN SUBMITTED AND ACCEPTED
 - (3) ALL NECESSARY TESTING COMPLETED AND CERTIFIED
 - (4) PAYMENT OF ALL CAPACITY FEES
 - (5) ISSUANCE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.) CERTIFICATION OF COMPLETION APPROVAL (IF APPLICABLE)

17. ALL PVC SANITARY SEWER PIPING SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACK FILL. CONTRACTOR TO NOTIFY THE ENGINEER AND APPLICABLE AGENCIES 5 DAYS IN ADVANCE TO SCHEDULE INSPECTIONS.

18. ALL PVC SANITARY FORCE MAIN SHALL BE CONSTRUCTED BY AWWA C900, DR18, GREEN PVC PIPE WITH A MAGNETIC TAPE A MINIMUM OF 4" WIDE PLAC IN 10CH BELOW THE PROPOSED GRADE. ALL WORK WITHIN PUBLIC RIGHT-OF-WAYS SHALL CONFORM WITH FOOT STANDARDS. THE LOCAL FOOT DISTRICT'S ENGINEER SHALL BE NOTIFIED 5 DAYS PRIOR TO STARTING WORK AND AFGAN IMMEDIATELY UPON COMPLETION.

19. THE CONTRACTOR SHALL PERFORM AT HIS OWN EXPENSE A MANHOLE INSPECTION AND TEST FOR POSITIVE PRESSURE FOR SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINHOLES TO BE CONSTRUCTED IN UNPAVED AREAS SHALL HAVE WATER TIGHT RING AND COVER.

20. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE VARIOUS UTILITY AGENCIES AND OBTAINING ALL INFORMATION ADVANCE TO SHOW UTILITIES ADJACENT TO THE PROPOSED FORCE MAIN.

21. ALL MATERIALS SHALL MEET THE REQUIREMENTS OF THE GOVERNMENTAL AGENCY HAVING JURISDICTION OVER THE PROJECT.

22. THE SANITARY SEWER COLLECTION SYSTEM SHALL NOT BE PLACED INTO SERVICE UNTIL APPROVAL FOR CONNECTION IS OBTAINED FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTRACTOR SHALL SUBMIT TO THE OWNER'S ENGINEER SANITARY SEWER SYSTEM AS-BUILT INFORMATION AT LEAST SIX (6) WEEKS PRIOR TO ANTICIPATED DATE OF CERTIFICATE OF COMPLETION APPLICATION. FAILURE TO OBTAIN EPC APPROVAL PRIOR TO PLACING THE SYSTEM IN OPERATION MAY RESULT IN SUBSTANTIAL FINES.

CITY OF TAMPA WATER DEPARTMENT NOTES

GENERAL

- A. WATER SERVICE SHALL BE PROVIDED BY THE CITY OF TAMPA.
- B. ALL WORK TO BE PERFORMED ON EXISTING OR ON FUTURE WATER FACILITIES TO BE OWNED AND MAINTAINED BY THE CITY OF TAMPA SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF TAMPA WATER DEPARTMENT TECHNICAL MANUAL. ALL CONSTRUCTION DETAILS AND STANDARDS DESCRIBED THERE WITHIN SHALL BE CONSIDERED TO BE PART OF THE CONTRACT DOCUMENTS FOR THIS PROJECT.
- C. CONSTRUCTION OF ANY WATER INSTALLATIONS TO BE OWNED AND MAINTAINED BY THE CITY OF TAMPA SHALL BE COORDINATED WITH THE CITY OF TAMPA CONSTRUCTION ENGINEERING & INSPECTIONS DIVISION (CEI) PRIOR TO THE START OF CONSTRUCTION. A MEETING MAY BE SCHEDULED BY EMAILING CAD-DEVELOPER@TAMPAGOV.NET A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO THE INTENDED CONNECTION DATE TO COORDINATE AND SCHEDULE THE TAP WITH THE CITY. THE EMAIL MUST HAVE "REQUEST PRECON FOR UTIL-XX-XXXXXXX" IN THE SUBJECT LINE FOR THE EMAIL. TO BE FORWARDED TO THE CORRECT STAFF MEMBERS. IF YOU DO NOT RECEIVE A RESPONSE TO YOUR EMAIL REQUEST AFTER 3 DAYS, THEN CONTACT THE CEI FRONT OFFICE AT (813) 635-3400.
- D. PRIOR TO THE PRE-CONSTRUCTION MEETING WITH THE CITY OF TAMPA REGARDING THE PUBLIC WATER FACILITIES, THE CONTRACTOR SHALL OBTAIN THE LATEST EDITION OF THE CITY OF TAMPA WATER DEPARTMENT TECHNICAL MANUAL. ALL PRIVATELY INSTALLED PUBLIC FACILITIES, INCLUDING CONSTRUCTION, MATERIALS, AND WORKSMANSHIP, ARE TO CONFORM WITH THE SPECIFICATIONS OUTLINED IN THE DEPARTMENT'S TECHNICAL MANUAL. IN THE EVENT OF CONFLICT, THE CITY OF TAMPA TECHNICAL MANUAL SHALL PREVAIL.
- E. BENDS SHALL BE INSTALLED ON ALL WATER MAINS AS NECESSARY TO MAINTAIN PROPER ALIGNMENT. JOINT DEFLECTIONS SHALL BE IN ACCORDANCE WITH AWWA C-600 (LATEST EDITION) EXCEPT DEFLECTIONS ALLOWED SHALL BE LESS 80% OF THE DEFLECTION VALUES GIVEN IN THE AWWA DEFLECTION TABLE.
- F. VALVES ON EXISTING CITY OF TAMPA WATER MAINS ARE TO BE OPERATED BY CITY PERSONNEL ONLY.
- G. FIRE HYDRANT ASSEMBLIES TO BE OWNED AND MAINTAINED BY THE CITY SHALL BE 5 1/2" DNS.
- H. ALL FIRE HYDRANT ASSEMBLIES AND FIRE LINE DOUBLE DETECTOR CHECK VALVES WHICH ARE TO BE PRIVATELY OWNED AND MAINTAINED SHALL BE PAINTED RED.
- I. FOR ANY NEW, ADJUSTED, OR RELOCATED FIRE HYDRANT ASSEMBLY, HYDRANT EXTENSIONS ARE NOT PERMITTED. FIRE HYDRANT ASSEMBLY INSTALLATIONS MUST CONFORM WITH THE WATER DEPARTMENT STANDARD. IF A NEW, ADJUSTED, OR RELOCATED FIRE HYDRANT ASSEMBLY IS NOT PROPERLY SIZED, A NEW HYDRANT MUST BE ORDERED AT THE DEVELOPERS EXPENSE.
- J. THE DEVELOPER SHALL BE RESPONSIBLE TO LOCATE ALL EXISTING PUBLIC WATER SERVICE LINES NO LONGER TO BE SERVING THE PARCEL. THESE SERVICE LINES ARE TO BE REMOVED, AND CUT & CAPPED AT THE PUBLIC WATER MAIN BY THE DEVELOPER.
- K. EXISTING WATER MAINS, SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS CROSSING NEW OR RELOCATED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 12 INCHES EXCEPT FOR GRAVITY OR VACUUM-TYPE SANITARY SEWER AND STORM SEWER. THEN 18 INCHES IS THE MINIMUM SEPARATION AND 12 INCHES IS PREFERRED. BETWEEN THE INVERT OF THE WATER MAIN AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE. WHERE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS MUST CROSS WATER MAINS WITH LESS THAN 12 INCHES VERTICAL DISTANCE, BOTH THE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS, AND THE WATER MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. (DIP IS NOT REQUIRED IF IT IS NOT AVAILABLE IN THE SIZE PROPOSED), SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE LEAK FREE AND MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT THE CROSSING. ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS AND RECLAIMED WATER MAINS PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).
- L. THE RELIEF VALVE OF ANY INSTALLED REDUCED PRESSURE PRINCIPLE ASSEMBLY SHALL BE INSTALLED A MINIMUM OF 12 INCHES ABOVE THE GRADE OR THE FLOORPLAN ELEVATION, WHICHEVER IS HIGHER. THE INSTALLATION SHALL BE MADE SO THAT NO PART OF THE UNIT CAN BE SUBMERGED.

PIPE CLEARANCES

- A. ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 36 INCHES AND SHALL MAINTAIN A MINIMUM OF THREE (3) FEET HORIZONTAL SEPARATION FROM OTHER UTILITIES, EXCEPT STORM, WASTEWATER, AND GAS WHICH SHALL MAINTAIN TEN (10) FEET HORIZONTAL SEPARATION, UNLESS OTHERWISE NOTED.
- B. WATER MAINS SHALL CROSS ABOVE OTHER PIPES. WHEN WATER MAINS CROSS ANOTHER UTILITY, 18" OF OUTSIDE-TO-OUTSIDE VERTICAL SEPARATIONS SHOULD BE PROVIDED. IN CASES WHERE THE PREFERRED SEPARATION MAY NOT BE MET, A MINIMUM OF 12" OF OUTSIDE-TO-OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED.
- C. ALL WATER MAIN CROSSINGS WILL OTHER UTILITIES SHALL BE ARRANGED SO THAT THE JOINTS OF THE CROSSING PIPES ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON CROSSING).
- D. CLEARANCE BETWEEN ALL TREES AND WATER MAINS SHALL MEET CITY OF TAMPA PARKS DEPARTMENT LATEST REQUIREMENTS. NO TREE SHALL BE PLANTED WITHIN 10 FEET OF INSTALLED OR EXISTING WATER MAINS.

EARTHWORK NOTES

1. IF EVIDENCE OF THE EXISTENCE OF HISTORIC RESOURCES IS DISCOVERED OR OBSERVED AT THE SITE OR DURING DEVELOPMENT ACTIVITIES AFTER FINAL APPROVAL, ALL WORK SHALL CEASE. THE DEVELOPER, OWNER, OR AGENT THEREOF SHALL NOTIFY THE DEPARTMENT OF HISTORIC RESOURCES WITHIN 24 HOURS. EXAMPLES OF EVIDENCE OF HISTORIC RESOURCES INCLUDE WHOLE OR FRAGMENTARY STONE TOOLS, SHELL TOOLS, ABORIGINAL OR HISTORIC POTTERY, HISTORIC GLASS, HISTORIC BOTTLES, BONE TOOLS, HISTORIC BUILDING FOUNDATIONS, SHELL MOUNDS, SHELL MIDDENS, OR SAND MOUNDS. THE DIRECTOR OF HISTORIC RESOURCES SHALL ASSESS THE SIGNIFICANCE OF THE FINDS AND MITIGATE ANY ADVERSE EFFECTS AS SOON AS POSSIBLE, BUT NO LATER THAN THREE (3) WORKING DAYS OF NOTIFICATION. WORK ACTIVITIES CAN BE NORMALLY RESUMED EXCEPT IN THE AREA OF EFFECT AS DETERMINED BY THE DIRECTOR OF HISTORIC RESOURCES.

2. TOP SOIL, ORGANIC SILTY SOILS WITH ROOTS AND ORGANIC MUCK MATERIALS SHALL BE REMOVED WHEN ENCOUNTERED AT THE GROUND SURFACE AND IF NOT REMOVED DURING NORMAL CLEARING AND GRUBBING OPERATIONS, OTHER ISOLATED AREAS OF ORGANIC MATERIAL OR DELETERIOUS MATERIAL MAY EXIST WITHIN THE PROJECT SITE. IF ADDITIONAL UNSUITABLE MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THEY SHALL BE REMOVED AND REPLACED WITH CLEAN, SLIGHTLY SILTY OR SILTY FINE SAND (A-3, A-2-4).

3. EMBANKMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE FOOT STANDARD SPECIFICATIONS. SITE PREPARATION SHALL BE PERFORMED IN ACCORDANCE WITH THE FOOT STANDARD INDICES NO. 120-001 AND 120-002. EMBANKMENT SHALL BE CONSTRUCTED TO INCLUDE ALL REQUIRED SHOP DRAWINGS, SHALL CONTAIN NO MUCK, STUMPS, ROOTS, OR OTHER DELETERIOUS MATERIAL AND SHALL BE PLACED IN ACCORDANCE WITH FOOT STANDARD 120-001. THE BACKFILL SHALL BE SHAPED AND ADDRESSED TO CONFORM TO THE CROSS SECTIONS AND GRADES INDICATED ON THESE CONSTRUCTION DOCUMENTS WITHIN THE TOLERANCES STATED IN THE FOOT STANDARD SPECIFICATIONS.

4. PIPE BEDDING MATERIAL IN TRENCHES SHALL CONSIST OF CLEAN OR SLIGHTLY SILTY FINE SAND (A-3) WITH LESS THAN 10 PERCENT PASSING THE US STANDARD NO 200 SIEVE. THE MATERIAL SHALL BE FREE OF STONES, GRAVEL, ORGANICS, VEGETATION AND OTHER DELETERIOUS MATERIAL. PLACED IN UNIFORM LIFTS NOT EXCEEDING SIX (6) INCHES THICK AND COMPACTED TO AT LEAST 95 PERCENT OF ITS MAXIMUM DENSITY PER ASTM D1557 / AASHTO T-180 (MODIFIED PROCTOR TEST). TRENCH BACK FILL MATERIAL SHALL CONSIST OF CLEAN, SLIGHTLY SILTY OR SILTY FINE SAND (A-3, A-2-4) WITH LESS THAN 35 PERCENT PASSING THE U.S. STANDARD NO. 200 SIEVE. ALL BACKFILL SHALL CONTAIN NO MORE THAN FIVE PERCENT ORGANICS AS DETERMINED BY ASTM-D-2974

5. PIPE BEDDING MATERIAL SHALL BE SOLIDLY TAMPED AROUND PIPES IN SIX (6) INCHES THICK LAYERS UP TO A LEVEL OF AT LEAST ONE (1) FOOT ABOVE THE TOP OF THE PIPE. THE AREA TO BE PAVED, PIPE BEDDING MATERIAL SHALL BE COMPACTED TO 98% MAXIMUM DENSITY PER ASTM D1557 / AASHTO T-180 (MODIFIED PROCTOR TEST).

6. BACKFILL MATERIAL OVER ANY PIPE (STORM SEWER, SANITARY SEWER, OR WATER MAINS) INSTALLED UNDER ROADWAYS OR WITHIN THE EMBANKMENT OF THE ROADWAY SHALL BE COMPACTED IN ACCORDANCE WITH F.O.D.'S STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, SECTION 125-6, LATEST EDITION.

7. IF DURING CONSTRUCTION ACTIVITIES ANY EVIDENCE OF THE PRESENCE OF STATE AND/OR FEDERALLY PROTECTED PLANT AND/OR ANIMAL SPECIES OR THOSE LISTED AS THREATENED, ENDANGERED OR OF SPECIAL CONCERN IS DISCOVERED OR OBSERVED, WORK SHALL COME TO AN IMMEDIATE STOP AND THE DEVELOPER, OWNER, OR AGENT THEREOF SHALL NOTIFY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWCC), THE U.S. FISH AND WILDLIFE SERVICE (USFWS) AND CITY / COUNTY AUTHORITIES WITHIN 24 HOURS OF THE PLANT AND/OR ANIMAL SPECIES FOUND ON THE SITE.

OPERATION AND MAINTENANCE OF STORMWATER SYSTEM

AFTER COMPLETION OF THE PROJECT, THE OWNER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER FACILITIES. OPERATION AND MAINTENANCE OF THE STORMWATER SYSTEM INCLUDES:

1. THE DETENTION AREA, UNDER NO CIRCUMSTANCES, SHALL BE FILLED WITH ANY OTHER SUBSTANCE THAN STORMWATER. THE OWNER OR AGENT SHALL MAKE SURE, TO THE BEST OF HIS ABILITY, THAT NOTHING ENTERS THE SYSTEM AND COULD DETERIORATE THE FUNCTIONING CAPABILITIES OF THE DETENTION AREA. (I.E. GASOLINE, OIL, GREASE, CHEMICALS, ETC.).

2. ALL SODDED AREAS SHALL BE MOWED AND MAINTAINED PROPERLY.

3. SWALES SHALL BE KEPT CLEAN AND FREE OF ANY OBSTRUCTIONS.

4. CONTROL STRUCTURE(S) SHALL BE CHECKED MONTHLY FOR DAMAGE OR BLOCKAGE. ANY DAMAGED SKIMMER(S) SHALL BE REPLACED OR REPAIRED. ANY DEBRIS BLOCKING FULL FLOW THROUGH THE WEIR(S) AND/OR ORIFICE(S) SHALL BE REMOVED.

5. INLET GRATE(S) SHALL BE CHECKED MONTHLY FOR DAMAGE OR BLOCKAGE. ANY DAMAGED GRATE(S) SHALL BE REPLACED OR REPAIRED. ANY DEBRIS BLOCKING FULL FLOW THROUGH THE GRATE(S) SHALL BE REMOVED.

6. PIPE(S) AND INLET(S) SHALL BE INSPECTED TWICE A YEARLY FOR DAMAGE OR BLOCKAGE. ANY DAMAGED PIPE(S) OR INLET(S) SHALL BE REPAIRED OR REPLACED. ANY TRASH, DEBRIS OR SAND DEPOSITS SHALL BE REMOVED. THE PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED, AS DEEMED NECESSARY NO LESS THAN TWICE A YEAR. ALL MATERIAL SHALL BE COLLECTED DOWNSTREAM AND REMOVED.

7. ALL POND SIDE SLOPES AND MAINTENANCE BERMS WILL BE PERIODICALLY MOWED AND CLEANED. DURING THE MOWING OPERATION THE PONDS SHALL BE INSPECTED FOR BARE SPOTS AND EROSION DAMAGE. ANY BARE SPOTS GREATER THAN ONE SQUARE FOOT IN AREA WILL BE SEEDED AND SODDED TO REPAIR THE GRASS COVER. IN CASE OF EROSION DAMAGE WHERE UNDERLYING SOIL IS MISSING, THE MISSING SOIL WILL BE REPLACED AND THE AREA BROUGHT BACK TO GRADE WITH SEEDING OR SODDING AS REQUIRED. THE BOTTOM AND SIDE SLOPES OF THE POND SHALL BE INSPECTED REGULARLY TO ASSURE THAT EXCESS SILTATION OR EROSION HAS NOT OCCURRED. SILTATION AND EROSION IN THE POND SHALL BE CONTROLLED TO ASSURE THAT THE STORAGE VOLUME IS NOT AFFECTED.

8. IN THE EVENT THAT STORMWATER STAND IN THE POND MORE THAN 48 HOURS, RAKING AND/OR SCARIFICATION OF THE POND BOTTOM / SIDE SLOPES SHALL BE REQUIRED AS DEEMED NECESSARY TO RESTORE THE PERCOLATION CHARACTERISTICS OF THE POND.

9. CATTAILS, BURLUSHES, AND OTHER NUISANCE VEGETATION WILL BE CUT BACK ON INLET OR OUTFALL STRUCTURES, TO THE EXTENT NEEDED TO MAINTAIN DESIGN DISCHARGES. IN ADDITION, THE AREA IMMEDIATELY IN FRONT OF THE CONTROL STRUCTURE SHOULD BE CLEARED OF AQUATIC GRASS AND WEEDS.

10. GRASS CLIPPING AND OTHER VEGETATIVE DEBRIS SHALL BE REMOVED FROM THE AREA SURROUNDING THE POND AND LIMT FERTILIZER USE AROUND THE POND AREA TO PREVENT NUTRIENT LOADING OF THE FACILITY.

WASTEWATER COLLECTION

1. ALL SANITARY SEWER WORK SHALL CONFORM WITH APPLICABLE AGENCY STANDARDS AND SPECIFICATIONS.

2. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.

3. POINTS OF CONNECTION FOR THE SANITARY SEWER LINES SHALL BE COORDINATED WITH THE BUILDING PLUMBING PLANS. SANITARY SERVICE CONNECTION LOCATIONS SHOWN ON THESE CONSTRUCTION DOCUMENTS ARE APPROXIMATE.

4. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW SANITARY SEWER LINES TO EXISTING LINES OR APPURTENANCES, THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES NEAR THE POINT OF CONNECTION. DISCREPANCIES OR ENGINEER OF ANY CONFLICTS OR DISCREPANCIES WITH DESIGN INFORMATION SHOWN IN THESE PLANS. CONTRACTOR SHALL NOTIFY ENGINEER AND THE APPLICABLE AGENCIES AT LEAST 48 HOURS IN ADVANCE OF SCHEDULED WORK.

5. SANITARY / STORM SEWERS, SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS SHOULD ALWAYS CROSS UNDER WATER MAINS. EXISTING OR PROPOSED SANITARY / STORMWATER SEWERS, SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS CROSSING NEW OR RELOCATED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 12 INCHES EXCEPT FOR GRAVITY OR VACUUM-TYPE SANITARY SEWER AND STORM SEWER. THEN 18 INCHES IS THE MINIMUM SEPARATION AND 12 INCHES IS PREFERRED. BETWEEN THE INVERT OF THE WATER MAIN AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE. WHERE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS MUST CROSS WATER MAINS WITH LESS THAN 12 INCHES VERTICAL DISTANCE, BOTH THE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS, AND THE WATER MAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. (DIP IS NOT REQUIRED IF IT IS NOT AVAILABLE IN THE SIZE PROPOSED), SUFFICIENT LENGTHS OF DIP MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE LEAK FREE AND MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT THE CROSSING. ALL CROSSINGS SHALL BE ARRANGED SO THAT THE SANITARY / STORMWATER FORCE MAINS AND RECLAIMED WATER MAINS AND RECLAIMED WATER MAINS PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

6. A MINIMUM 6-FEET, AND PREFERABLY 10-FOOT, HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 6-FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELVE LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 6 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF DIP (DIP IS NOT REQUIRED FOR WATER IF IT IS NOT AVAILABLE IN THE SIZE PROPOSED). THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM THE JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

7. ALL SANITARY SEWER MAINS, LATERALS AND FORCE MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER, UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DRAWINGS.

TESTING SCHEDULE

| ITEM | TEST | TEST FREQUENCY |
|---|--|---|
| BUILDING PAD | OPTIMUM MOISTURE / MAXIMUM DRY DENSITY 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) GRADATION AS DETERMINED BY AASHTO T27-06 (ASTM D136-06) | PER SOIL TYPE ONE PER 2,500 SQ FT HORIZONTALLY IN 12 INCH LIFTS EACH LIFT (SEE NOTE 3) |
| EMBANKMENT | OPTIMUM MOISTURE / MAXIMUM DRY DENSITY 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) GRADATION AS DETERMINED BY AASHTO T27-06 (ASTM D136-06) | PER SOIL TYPE ONE PER 5,000 SF HORIZONTALLY IN 12 INCH LIFTS EACH LIFT (SEE NOTE 3) |
| UTILITY TRENCH BACKFILL OVER PIPELINES AND AROUND STRUCTURES FROM RIGHT-OF-WAY LINE TO RIGHT-OF-WAY LINE AND IN STRUCTURAL AREAS | OPTIMUM MOISTURE / MAXIMUM DRY DENSITY OF SOIL (PROCTOR) AS DETERMINED BY AASHTO T-180 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) | PER SOIL TYPE (SEE NOTES 1 AND 2) |
| UTILITY TRENCH BACKFILL OVER PIPELINES OUTSIDE THE RIGHT-OF-WAY AND IN NON-STRUCTURAL AREAS | OPTIMUM MOISTURE / MAXIMUM DRY DENSITY 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) | PER SOIL TYPE (SEE NOTES 1 AND 2) |
| STABILIZED SUB GRADE | PER MATERIAL TYPE MINIMUM LBR 40 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70), NO TOLERANCE | PER MATERIAL TYPE (SEE NOTE 3) |
| BASE (OTHER THAN SOIL CEMENT OR CRUSHED CONCRETE) | DRY MOISTURE / MAXIMUM DRY DENSITY MINIMUM LBR 100 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T180-57 (ASTM D1557-70) - NO TOLERANCE GRADATION, ATTERBERG LIMITS | PER SOURCE PER SOURCE EACH LIFT (SEE NOTE 3) PER SOURCE |
| CRUSHED CONCRETE BASE | MINIMUM LBR 150 ABRASION TEST BY USING LOS ANGELES MACHINE AS DETERMINED BY FM-1T006 100% OF MAXIMUM DRY DENSITY AS DETERMINED BY FM 5-515. NO TOLERANCE GRADATION, ATTERBERG LIMITS | PER MATERIAL TYPE PER MATERIAL TYPE EACH LIFT (SEE NOTE 3) PER SOURCE |
| SOIL CEMENT BASE (NO IN PLACE MIXING ALLOWED) | DESIGN MIX AS DETERMINED BY PORTLAND CEMENT ASSOCIATION SPECIFICATIONS OPTIMUM MOISTURE / MAXIMUM DRY DENSITY PROCTOR AS DETERMINED BY AASHTO T-134 COMPRESSIVE STRENGTH SPECIMENS AS DETERMINED BY PORTLAND CEMENT ASSOCIATION SPECIFICATIONS (300 PSI AT 7 DAYS), (SEE NOTE 4) TEST CORES AS DETERMINED BY PORTLAND CEMENT ASSOCIATION SPECIFICATIONS (300 PSI AT 21 DAYS), (SEE NOTE 4) 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T134 - NO TOLERANCE | ONE PER MATERIAL TYPE ONE PER MATERIAL TYPE DAILY ONE PER MATERIAL TYPE ONE SET OF 3 SAMPLES PER MATERIAL TYPE PER ONE-HALF DAY (SEE NOTE 3) (SEE NOTE 3) |
| CONCRETE (SEE NOTE 5) | SLUMP TEST COMPRESSIVE STRENGTH CYLINDERS (MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS = 3,000 PSI), NO TOLERANCE AIR CONTENT | ONE PER SET OF CYLINDERS ONE SET OF THREE (3) CYLINDERS FOR 100 CY OR FRACTION THEREOF ONE PER SET OF CYLINDERS |
| ASPHALTIC CONCRETE | AGGREGATE ANALYSIS DESIGN MIX BITUMEN CONTENT GRADATION STABILITY FLOW PROPERTIES OF IN-PLACE MATERIALS (MARSHALL TEST) THICKNESS MAXIMUM SPECIFIC GRAVITY 95% OF LAB DENSITY | ONE PER DESIGN ONE PER FDOT APPROVED TYPE ONE PER DAY UNLESS TONNAGE > 1,000 TON ONE PER DAY ONE PER DAY (SEE NOTE 3) ONE PER DAY (SEE NOTE 3) |

NOTES:

1. TESTS SHALL BE LOCATED NO MORE THAN 200 FEET APART. TESTS SHALL BE PERFORMED ON EACH LIFT. FIELD TESTS SHALL BE TAKEN IMMEDIATELY AFTER CONSTRUCTION. TESTS SHALL BE STAGGERED TO INCLUDE RESULTS OVER SERVICE LATERALS. THERE SHALL BE A MINIMUM OF ONE (1) TEST SERIES FOR EACH 6 INCHES OF LIFT OVER PIPELINE BETWEEN MANHOLES. TESTS AROUND STRUCTURES SHALL BE SPIRALED IN 6 INCH LIFTS. TESTS AROUND BOX CULVERTS SHALL DONE ON BOTH SIDES EVERY LIFT.

2. FOR FLEXIBLE PIPE (CORRUGATED STEEL OR ALUMINUM), 96% OF MAXIMUM DENSITY (AASHTO-T99) PER FDOT SUPPLEMENTAL SPECIFICATIONS SUB ARTICLE 125-3.3.2 AS MODIFIED.

CLEARING AND GRUBBING NOTES

1. PRIOR TO SITE CLEARING AND GRUBBING, ALL TREES SHOWN TO REMAIN ON THE CONSTRUCTION PLANS SHALL BE PROTECTED IN ACCORDANCE WITH THE CITY / COUNTY TREE ORDINANCE AND DETAILS CONTAINED IN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP THESE TREES IN GOOD CONDITION. NO TREES SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER.

2. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE PRIOR TO CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT. COPIES OF THE GEOTECHNICAL INVESTIGATION REPORT ARE AVAILABLE THROUGH THE OWNER. ANY QUESTION REGARDING SITE PREPARATION REQUIREMENTS DESCRIBED IN THE GEOTECHNICAL INVESTIGATION REPORT ARE TO BE DIRECTED TO THE GEOTECHNICAL ENGINEERING COMPANY THAT PREPARE THE REPORT.

3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE AREAS OF THE SITE NEEDED FOR CONSTRUCTION. DISTURBED AREAS SHALL BE SEEDED, MULCHED, OR PLANTED WITH APPROVED LANDSCAPE MATERIAL IMMEDIATELY AFTER CONSTRUCTION.

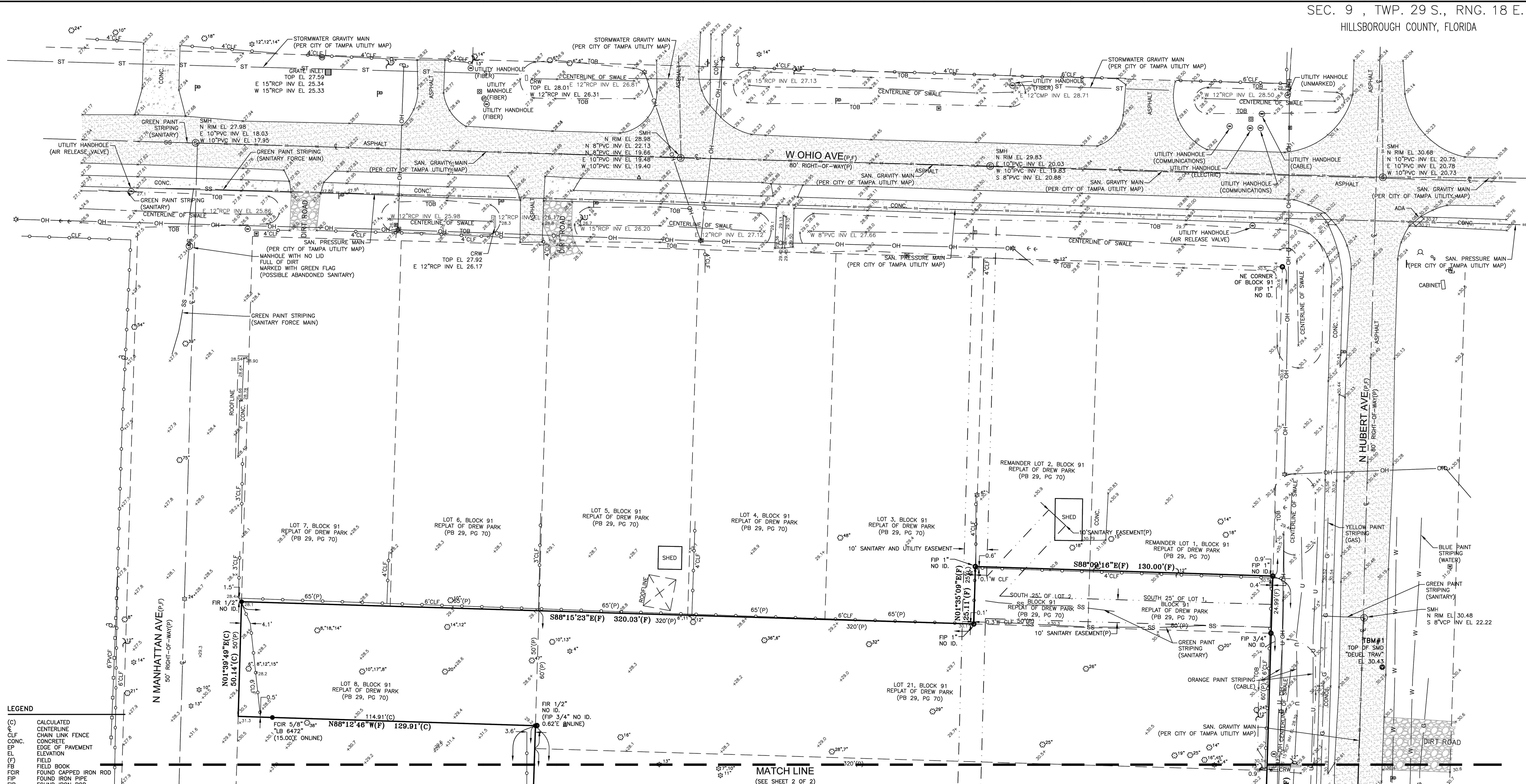
4. UNLESS OTHERWISE DIRECTED, THE TOP 1" TO 6" OF SOIL REMOVED DURING CLEARING AND GRUBBING SHALL BE STOCKPILED AT A SITE DESIGNATED BY THE OWNER TO BE USED FOR LANDSCAPING PURPOSES.

5. ONLY GRADING BY HAND IS PERMITTED WITHIN THE CANOPY / DRIP LINE OF TREES TO REMAIN.

PAVING AND GRADING NOTES

1. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) SHALL BE EXCAVATED IN ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS OR AS DIRECTED BY THE OWNER, OR THE GEOTECHNICAL ENGINEER. DELETERIOUS MATERIAL SHALL BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS SHALL BE BACK FILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DE

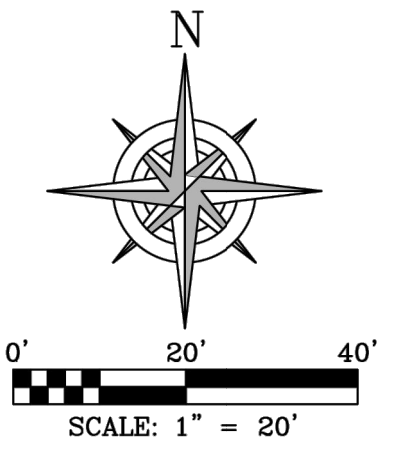


LEGEND

| | | | |
|---------|---|------|-----------------------------|
| (C) | CALCULATED CENTERLINE | (C) | POWER/UTILITY WOOD POLE |
| CLF | CHAIN LINK FENCE | (S) | SANITARY MANHOLE |
| CONC. | CONCRETE | (SC) | SANITARY SEWER CLEANOUT |
| EP | EDGE OF PAVEMENT | (S) | STORM SEWER MANHOLE |
| EL | ELEVATION | (S) | TELEPHONE PEDESTAL |
| (F) | FIELD BOOK | (S) | TEMPORARY BENCHMARK |
| FB | FIELD BOOK | (S) | TRAFFIC SIGNAL JUNCTION BOX |
| FCIR | FOUND CAPPED IRON ROD | (S) | WATER METER |
| FIP | FOUND IRON PIPE | (S) | WATER VALVE |
| FIR | FOUND IRON ROD | (S) | X-CUT (FOUND) |
| ID | IDENTIFICATION | (S) | YARD DRAIN |
| INV | INVERT | (S) | |
| (L) | LEGAL DESCRIPTION | | |
| LB | LICENSED BUSINESS | | |
| MH | MANHOLE | | |
| NGS | NATIONAL GEODETIC SURVEY NUMBER | | |
| OH | OVERHEAD WIRES | | |
| OR | OFFICIAL RECORD BOOK | | |
| (P) | PLAT BOOK 21, PAGE 70 | | |
| PB | PLAT BOOK | | |
| (PCPAO) | PINELLAS COUNTY PROPERTY APPRAISER'S WEB SITE DATA PAGE/PAGES | | |
| PG | PERMANENT IDENTIFIER NUMBER | | |
| PLS | PROFESSIONAL LAND SURVEYOR | | |
| FSM | PROFESSIONAL SURVEYOR & MAPPER | | |
| PVC | POLY VINYL CHLORIDE PIPE | | |
| PVCF | POLY VINYL CHLORIDE FENCE | | |
| RCP | REINFORCED CONCRETE PIPE | | |
| RNG. | RANGE | | |
| R/W | RIGHT-OF-WAY | | |
| SEC. | SECTION | | |
| SAN. | SANITARY | | |
| SMD | SET "MAG" NAIL AND DISK | | |
| TBM | TEMPORARY BENCHMARK | | |
| TYP | TYPICAL | | |
| TWP. | TOWNSHIP | | |

SYMBOL LEGEND

| | | | |
|-----|-----------|------|-----------------------------|
| (E) | ELEVATION | (C) | POWER/UTILITY WOOD POLE |
| (E) | ELEVATION | (S) | SANITARY MANHOLE |
| (E) | ELEVATION | (SC) | SANITARY SEWER CLEANOUT |
| (E) | ELEVATION | (S) | STORM SEWER MANHOLE |
| (E) | ELEVATION | (S) | TELEPHONE PEDESTAL |
| (E) | ELEVATION | (S) | TEMPORARY BENCHMARK |
| (E) | ELEVATION | (S) | TRAFFIC SIGNAL JUNCTION BOX |
| (E) | ELEVATION | (S) | WATER METER |
| (E) | ELEVATION | (S) | WATER VALVE |
| (E) | ELEVATION | (S) | X-CUT (FOUND) |
| (E) | ELEVATION | (S) | YARD DRAIN |



MATCH LINE
(SEE SHEET 2 OF 2)

DESCRIPTION:

(OR 19118, PG 270)
THE EAST 95 FEET OF LOT 10 AND ALL OF LOTS 18, 19 AND 20, BLOCK 91, RE-PLAT OF DREW PARK, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 29, PAGE 70-95 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA.
AND
(OR 19734, PG 444)
LOT 8, BLOCK 91, AND THE SOUTH 25 FEET OF LOTS 1 AND 2 AND ALL OF LOT 21, BLOCK 91, RE-PLAT OF DREW PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 29, PAGE 70. PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA.

SURVEYOR'S REPORT:

- RECORD SURVEY AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED.
- ELEVATIONS ARE BASED ON CITY OF TAMPA BENCHMARK HY-020076 HAVING AN ELEVATION OF 30.87 FEET NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE PURPOSE OF THIS SPECIFIC PURPOSE SURVEY IS TO SHOW TOPOGRAPHY AND ABOVE GROUND EVIDENCE OF UTILITIES WITHIN THE RIGHTS-OF-WAY AROUND THE SUBJECT PROPERTY.
- THIS SURVEY IS BASED ON THE U.S. SURVEY FOOT.

NOTE:
UTILITIES LABELED AS "PER CITY OF TAMPA UTILITY MAP" WERE TAKEN FROM SAID MAP AND ARE APPROXIMATE ONLY. SURVEYOR ACCEPTS NO LIABILITY AS TO THE ACTUAL LOCATION OF SAID UTILITIES.

Prepared By:



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Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

Seal

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BRAILLO GRAJALES, PE ON THE DATE ADJACENT TO THE SEAL.

THIS DRAWING IS THE PROPERTY OF HIGH POINT ENGINEERING, INC. UNDER NO CIRCUMSTANCES MAY THIS DRAWING BE REPRODUCED, PUBLISHED, ALTERED OR USED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION FROM HIGH POINT ENGINEERING, INC.

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58628 BRAILLO GRAJALES
FL Registration No. Professional Engineer Sign Date
COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE PROFESSIONAL ENGINEER.

BID SET

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |

| | |
|-------------|--------------|
| Date: | May 15, 2026 |
| Job No.: | 8702 |
| Drawn By: | RT |
| Checked By: | JRP |

Sheet Title
BOUNDARY & TOPOGRAPHIC SURVEY
Sheet No.



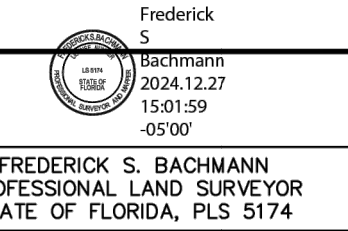
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565 SOUTH HERCULES AVENUE
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LICENSED BUSINESS NUMBER 8103

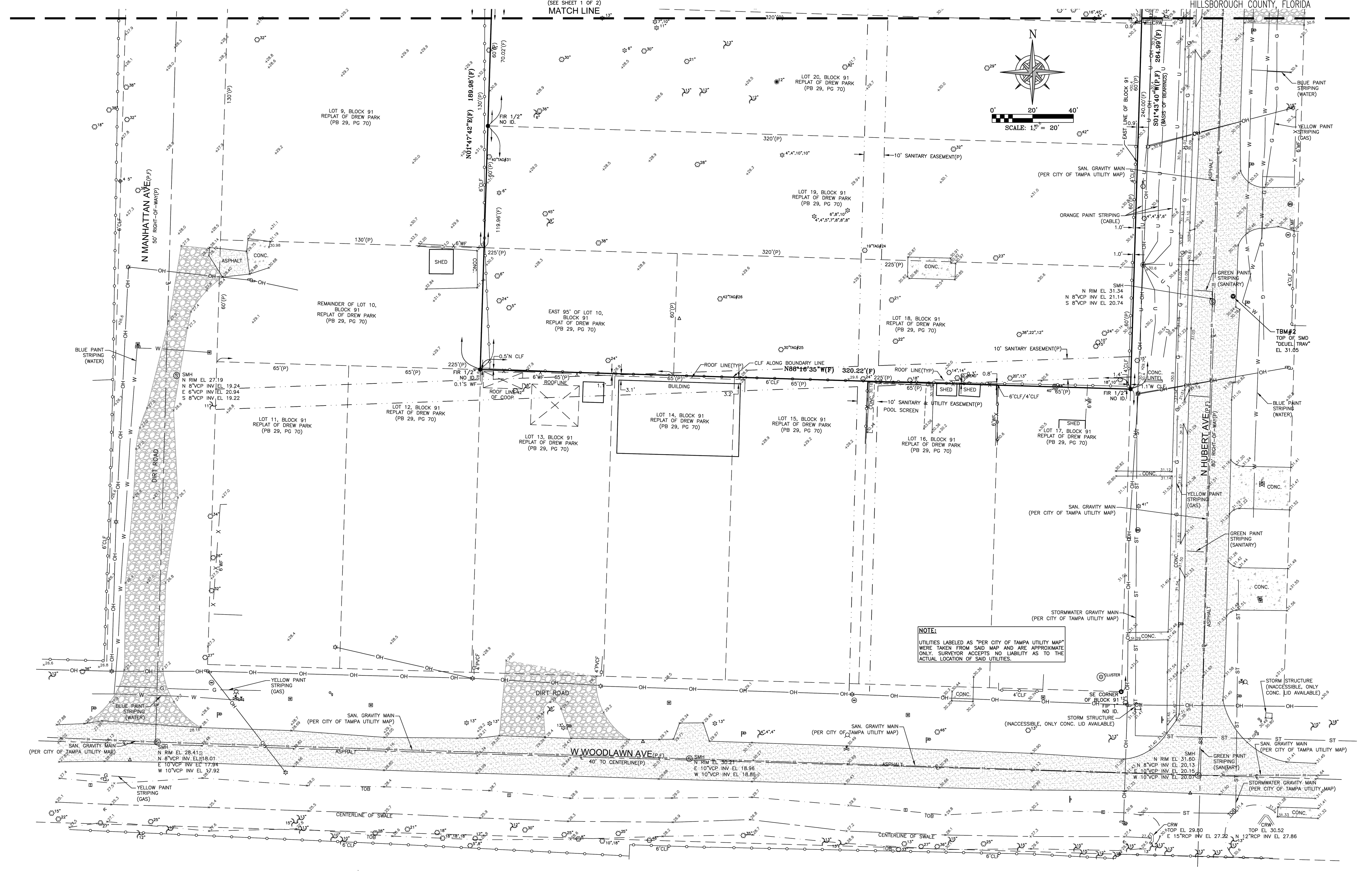
SPECIFIC PURPOSE SURVEY
4106, 4108 & 4110 NORTH HUBERT AVE
TAMPA
CITY OF TAMPA FLORIDA

PREPARED FOR:
PLACEMAKER DESIGN STUDIO, LLC
415 PLAZA DRIVE
DUNEDIN, FL 34698



PROJECT NUMBER SE22.114.00
FIELD DATE: 12/16/2024
DRAWN BY: TBM JFB:287 PG:31
SCALE: 1" = 20'
SHEET NO. 1 OF 2

FOR INFORMATION PURPOSE ONLY
N.T.S.



NOTE:
UTILITIES LABELED AS "PER CITY OF TAMPA UTILITY MAP" WERE TAKEN FROM SAID MAP AND ARE APPROXIMATE ONLY. SURVEYOR ACCEPTS NO LIABILITY AS TO THE ACTUAL LOCATION OF SAID UTILITIES.

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Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

Seal

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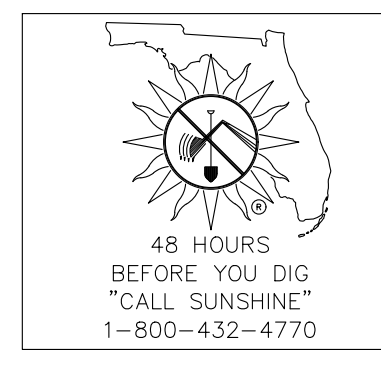
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Date: May 15, 2026
Job No.: 8702
Drawn By: RT
Checked By: JRP

| | | | | |
|--|---|--|--|---|
| | 565 SOUTH HERCULES AVENUE CLEARWATER, FL 33764 PHONE 727.822.4151 WWW.TRANSYSTEMS.COM LICENSED BUSINESS NUMBER 8103 | SPECIFIC PURPOSE SURVEY 4106, 4108 & 4110 NORTH HUBERT AVE TAMPA CITY OF TAMPA FLORIDA | PREPARED FOR: PLACEMAKER DESIGN STUDIO, LLC 415 PLAZA DRIVE DUNEDIN, FL 34698 | PROJECT NUMBER: SE22.114.00 FIELD DATE: 12/18/2024 DRAWN BY: TBM SCALE: 1" = 20' SHEET NO. 2 OF 2 |
| | FREDERICK S. BACHMANN PROFESSIONAL LAND SURVEYOR STATE OF FLORIDA, PLS 5174 | | | |

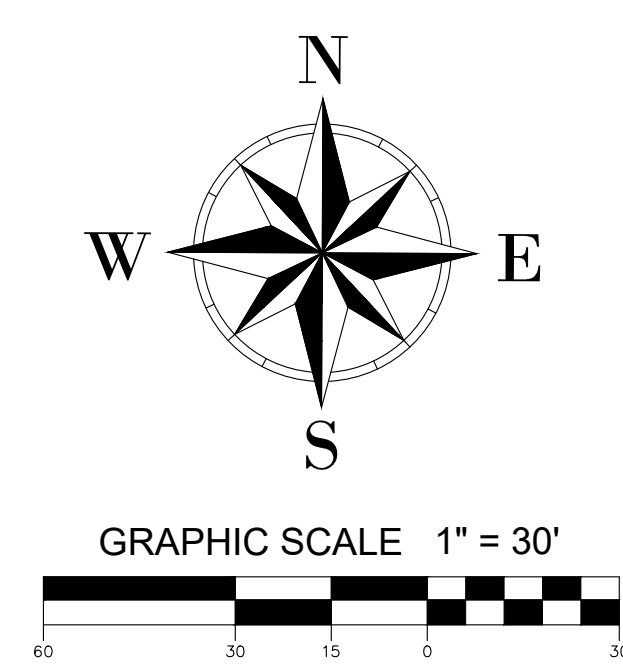
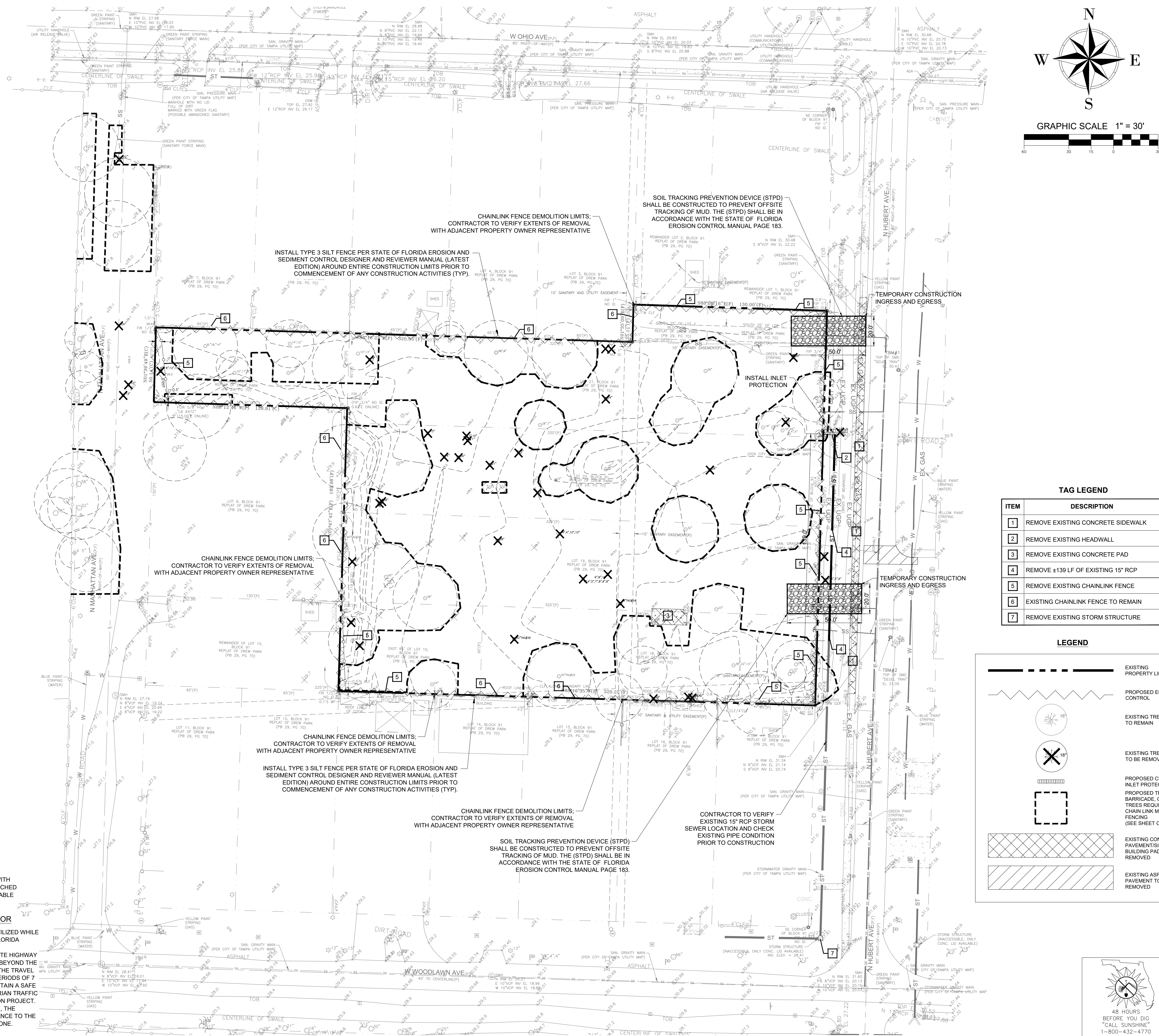
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C-2.3B



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Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave + 4115 N. Manhattan Tampa, Florida

TAG LEGEND

| ITEM | DESCRIPTION |
|------|------------------------------------|
| 1 | REMOVE EXISTING CONCRETE SIDEWALK |
| 2 | REMOVE EXISTING HEADWALL |
| 3 | REMOVE EXISTING CONCRETE PAD |
| 4 | REMOVE ±139 LF OF EXISTING 15" RCP |
| 5 | REMOVE EXISTING CHAINLINK FENCE |
| 6 | EXISTING CHAINLINK FENCE TO REMAIN |
| 7 | REMOVE EXISTING STORM STRUCTURE |

LEGEND

| | |
|--|--|
| | EXISTING PROPERTY LINE |
| | PROPOSED EROSION CONTROL |
| | EXISTING TREE TO REMAIN |
| | EXISTING TREE TO BE REMOVED |
| | PROPOSED CURB INLET PROTECTION |
| | EXISTING CONCRETE PAVEMENT/SIDEWALK/BUILDING PAD TO BE REMOVED |
| | EXISTING ASPHALT PAVEMENT TO BE REMOVED |

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58265 BRAULIO GRAJALES
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| REV | DATE | DESCRIPTION |
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| | | |

Date: May 15, 2026
 Job No.: 8702
 Drawn By: RT
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Sheet Title
DEMOLITION & TREE PROTECTION PLAN

Sheet No.
C-3.1

SILT FENCE NOTE:
 TO FACILITATE "EFFECTIVE" PRESERVATION OF TREES (THOSE WITH DRIP LINES DEPICTED ON PLAN) SILT FENCE SHALL NOT BE TRENCHED IN WITHIN DRIP LINES OF TREES WHERE AVOIDABLE. IF UNAVOIDABLE THEN INSTALL SILT FENCE AT GRADE (NO TRENCHING).

MAINTENANCE OF TRAFFIC NOTE TO CONTRACTOR
 CONTRACTOR TO DESIGN MAINTENANCE OF TRAFFIC (M.O.T.) TO BE UTILIZED WHILE WORKING WITHIN N. HUBERT AVENUE RIGHT-OF-WAY PER STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR DESIGN. CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM INDEX 102-601 - TWO-LANE AND MULTILANE ROADWAY, WORK BEYOND THE SHOULDER, AND INDEX 102-603 - TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY. (LANE CLOSURES SHALL NOT OCCUR DURING THE PEAK HOUR PERIODS OF 7 TO 9 AM AND 4 TO 6 PM). THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL WALKING ROUTE, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

INSTALL TYPE 3 SILT FENCE PER STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (LATEST EDITION) AROUND ENTIRE CONSTRUCTION LIMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES (TYP).

CHAINLINK FENCE DEMOLITION LIMITS: CONTRACTOR TO VERIFY EXTENTS OF REMOVAL WITH ADJACENT PROPERTY OWNER REPRESENTATIVE

SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED TO PREVENT OFFSITE TRACKING OF MUD. THE (STPD) SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION CONTROL MANUAL PAGE 183.

INSTALL INLET PROTECTION

CHAINLINK FENCE DEMOLITION LIMITS: CONTRACTOR TO VERIFY EXTENTS OF REMOVAL WITH ADJACENT PROPERTY OWNER REPRESENTATIVE

CHAINLINK FENCE DEMOLITION LIMITS: CONTRACTOR TO VERIFY EXTENTS OF REMOVAL WITH ADJACENT PROPERTY OWNER REPRESENTATIVE

INSTALL TYPE 3 SILT FENCE PER STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (LATEST EDITION) AROUND ENTIRE CONSTRUCTION LIMITS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES (TYP).

CHAINLINK FENCE DEMOLITION LIMITS: CONTRACTOR TO VERIFY EXTENTS OF REMOVAL WITH ADJACENT PROPERTY OWNER REPRESENTATIVE

SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED TO PREVENT OFFSITE TRACKING OF MUD. THE (STPD) SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION CONTROL MANUAL PAGE 183.

CONTRACTOR TO VERIFY EXISTING 15" RCP STORM SEWER LOCATION AND CHECK EXISTING PIPE CONDITION PRIOR TO CONSTRUCTION



DEMOLITION NOTES TO CONTRACTOR

1. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AS REQUIRED BY CITY / COUNTY, STATE AND FEDERAL LAW PRIOR TO COMMENCE OF DEMOLITION ACTIVITIES.
2. THE CONTRACTOR SHALL MEET ALL SAFETY REGULATIONS REQUIRED BY FEDERAL, STATE AND LOCAL GOVERNMENT.
3. THE CONTRACTOR SHALL COMPLY WITH DEMOLITION REQUIREMENTS ESTABLISHED IN THE FLORIDA BUILDING CODE SECTION 3303.
4. THE CONTRACTOR SHALL INSPECT BUILDINGS FOR ASBESTOS AND SITE FOR HAZARDOUS WASTE PRIOR TO DEMOLITION WORK.
5. THE CONTRACTOR PERFORMING DEMOLITION, SHALL CONFORM TO THE REQUIREMENTS OF THE U.S. DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) RULES AND REGULATIONS FOR DEMOLITION SAFETY STANDARDS, 29 C.F.R. S. 1926., SUBPART T, INCLUDING ALL SUBSEQUENT REVISIONS OR UPDATES TO THE STANDARDS AS ADOPTED BY THE DEPARTMENT OF LABOR AND EMPLOYMENT SECURITY (DLES).
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL ABOVE AND BELOW GROUND EXISTING IMPROVEMENTS THAT WILL NOT BE INCORPORATED WITH THE NEW IMPROVEMENTS.
7. THE CONTRACTOR SHALL DEMOLISH AND REMOVE IMPROVEMENTS WITHIN LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICTS OR DISCREPANCIES BEFORE PERFORMING ANY WORK IN THE CONFLICTING AREA.
8. THE CONTRACTOR SHALL ESTABLISH AND PROPERLY FLAG PROPERTY CORNERS AND PROPERTY LINES PRIOR TO DEMOLITION WORK.
9. THE CONTRACTOR SHALL DISPOSE ALL DEMOLITION MATERIALS AND DEBRIS IN ACCORDANCE WITH THE CITY / COUNTY REQUIREMENTS IN A SOLID WASTE DISPOSAL FACILITY APPROVED BY F.D.E.P. AND THE CITY / COUNTY.
10. THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH NEIGHBORS THAT ARE AFFECTED BY THE DEMOLITION WORK.
11. THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES AND TREE BARRICADES PRIOR TO DEMOLITION AND MAINTAIN DURING DEMOLITION. THE CONTRACTOR SHALL ERECT SILT FENCE AS SHOWN IN SITE CONSTRUCTION DETAILS SHEET. FAILURE TO INSTALL OR PROPERLY MAINTAIN THESE EROSION CONTROL MEASURES WILL RESULT IN ENFORCEMENT ACTION WHICH MAY INCLUDE CITATIONS, AS PROVIDED BY CHAPTERS 40D-4 AND 40D-40 F.A.C. INITIATION OF CIVIL PENALTY PROCEDURES PURSUANT TO SECTION 373.129, F.A.C. CAN RESULT IN A PENALTY NOT TO EXCEED \$10,000 PER OFFENSE WITH EACH DATE DURING WHICH SUCH VIOLATION OCCURS CONSTITUTING A SEPARATE OFFENSE. THE EROSION CONTROL MEASURES SHOULD BE IN ACCORDANCE WITH THE STATE FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
12. THE CONTRACTOR SHALL FENCE OR BARRICADE THE SITE, INSTALL GATES FOR TRUCK ROUTING AND CONTROL TRAFFIC PER FDOT TRAFFIC CONTROL STANDARDS.
13. THE CONTRACTOR SHALL INSTALL AND MAINTAIN AT ALL TIMES PROTECTIVE BARRIERS AROUND TREES TO REMAIN. THESE PROTECTIVE BARRIERS SHALL BE IN ACCORDANCE WITH CITY / COUNTY STANDARDS.
14. THE CONTRACTOR SHALL SAW-CUT EXISTING PAVEMENT WHERE NEW PAVEMENT IS TO BE ADDED OR EXISTING PAVEMENT TO BE ELIMINATED.
15. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO DEMOLITION AND IS RESPONSIBLE FOR THE DAMAGE OF ANY ON-SITE OR OFF-SITE UTILITIES THAT ARE NOT A PART OF THIS PROJECT OR ARE NOT IDENTIFIED TO BE REMOVED.
16. EXISTING IMPROVEMENTS ABOVE GROUND (E.G., PAVEMENT, CURBING, BUILDINGS, CONCRETE PADS, RETAINING WALLS, SIDEWALKS, POLES, SIGNAGE, ETC.) AND BELOW GROUND (E.G., SANITARY, STORM, WATER, GAS, CABLE, ELECTRIC, PHONE, ETC.) SHALL REMAIN UNLESS OTHERWISE NOTED.
17. ALL CAVITIES RESULTING FROM REMOVAL OF BUILDING FOUNDATIONS, TREES, UTILITIES, SIGNS, ETC. SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR TEST PER ASTM D1557 / AASHTO T-180.
18. THE CONTRACTOR SHALL DISPOSE ALL LOOSE DEBRIS AND GARBAGE WITHIN THE PROJECT BOUNDARIES. ADJACENT PROPERTIES SHALL NOT BE ADVERSELY AFFECTED (E.G., SOIL EROSION, UTILITIES DISCONNECTION, TRAFFIC FLOW IMPEDANCE, NOISE, DUST, GARBAGE, ETC.) AND RIGHT-OF-WAY SHALL BE RESTORED WITH NEW SIDEWALK AND SOD AS REQUIRED.
19. IF DURING CONSTRUCTION ACTIVITIES ANY EVIDENCE OF THE PRESENCE OF STATE AND FEDERALLY PROTECTED PLANT AND/OR ANIMAL SPECIES IS DISCOVERED, WORK SHALL COME TO AN IMMEDIATE STOP AND MANATEE COUNTY SHALL BE NOTIFIED WITHIN TWO WORKING DAYS OF THE PLANT AND/OR ANIMAL SPECIES FOUND ON THE SITE.
20. IF DURING CONSTRUCTION ACTIVITIES ANY EVIDENCE OF HISTORIC RESOURCES, INCLUDING BUT NOT LIMITED TO ABORIGINAL OR HISTORIC POTTERY, PREHISTORIC STONE TOOLS, BONE OR SHELL TOOLS, HISTORIC TRASH PITS, OR HISTORIC BUILDING FOUNDATION, ARE DISCOVERED, WORK SHALL COME TO AN IMMEDIATE STOP AND THE FLORIDA DEPARTMENT OF HISTORIC RESOURCES (STATE HISTORIC PRESERVATION OFFICER) AND MANATEE COUNTY SHALL BE NOTIFIED WITHIN TWO WORKING DAYS OF THE RESOURCES FOUND ON THE SITE.
21. SIDEWALK, CURB, PAVEMENT OR OTHER IMPROVEMENTS WITHIN RIGHT-OF-WAY DAMAGED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE REPLACED PER FDOT DESIGN STANDARD AND SPECIFICATIONS.
22. CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS, INCLUDING BUT NOT LIMITED TO MATTRESSES, LOCATED AT THE REAR OF THE SITE AND NORTH MANHATTAN RIGHT-OF-WAY AS OBSERVED DURING THE SITE VISIT. ALL REMOVAL AND DISPOSAL ACTIVITIES SHALL COMPLY WITH LOCAL REGULATIONS AND BE COMPLETED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES IN THE AFFECTED AREA.

STATE OF FLORIDA E&S DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013

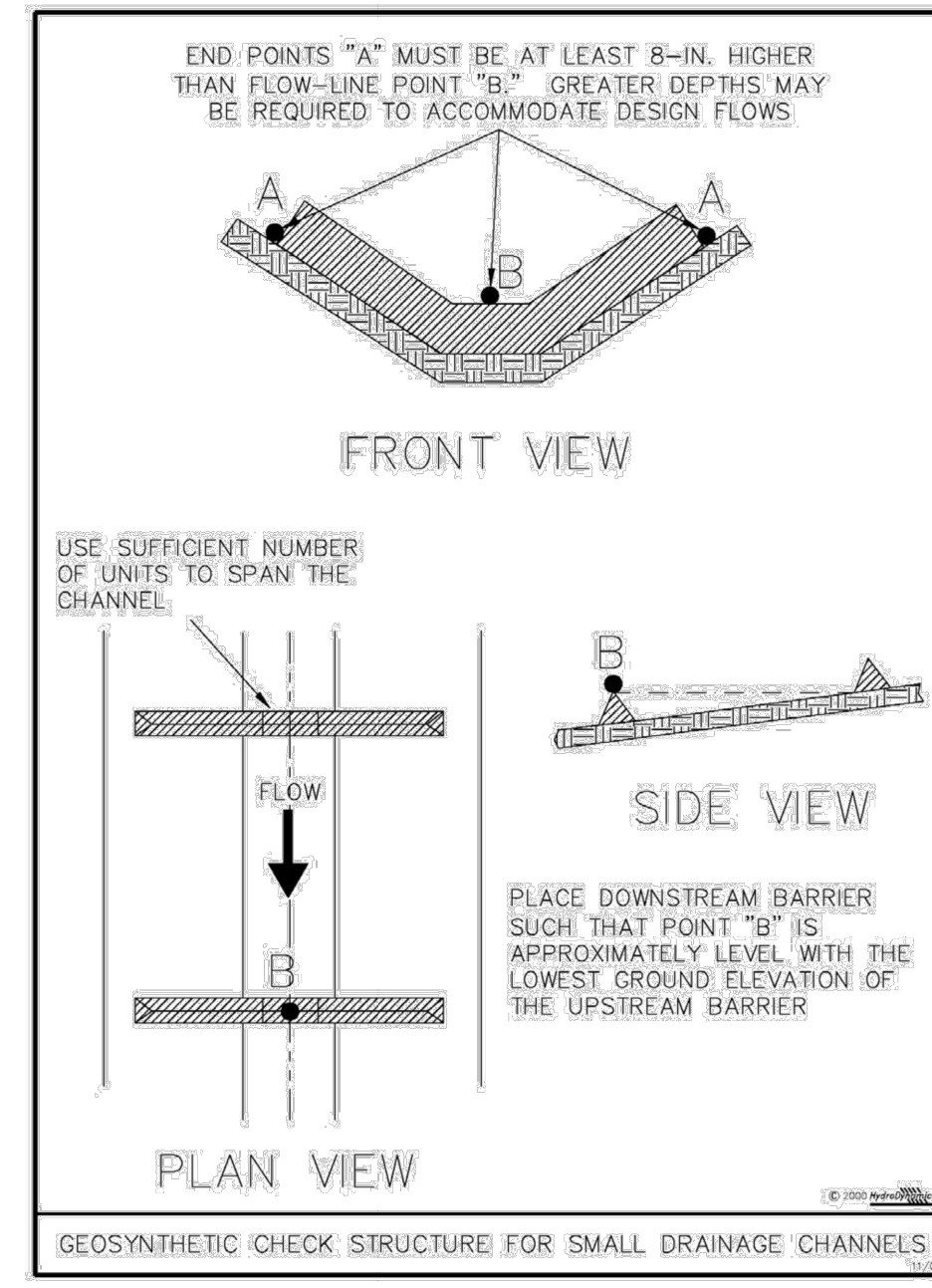


Figure III-10: Geosynthetic Barrier Check Structure for Small Drainage Channels
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III-32

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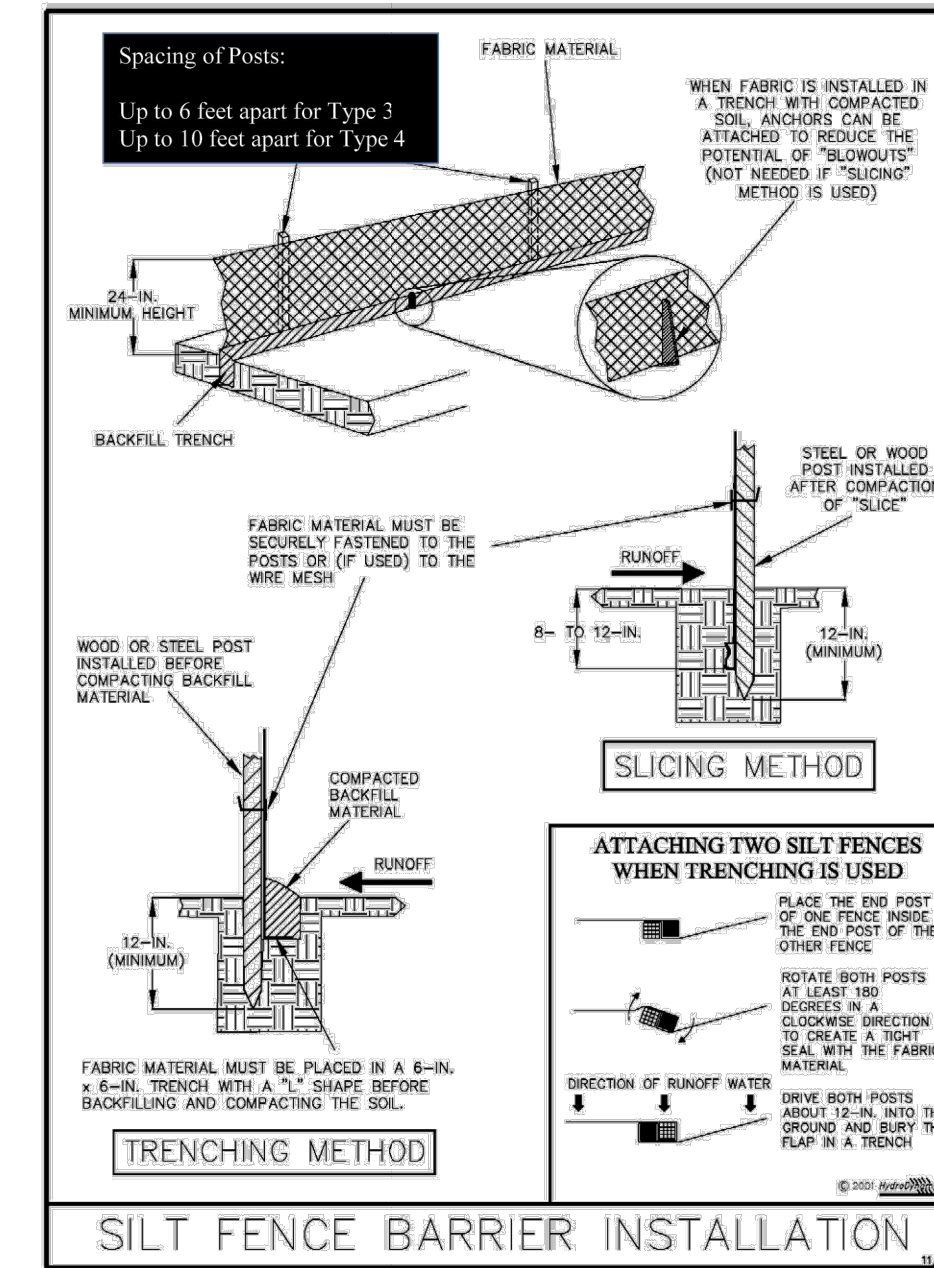


Figure V-2: Illustration of a Silt Fence Barrier
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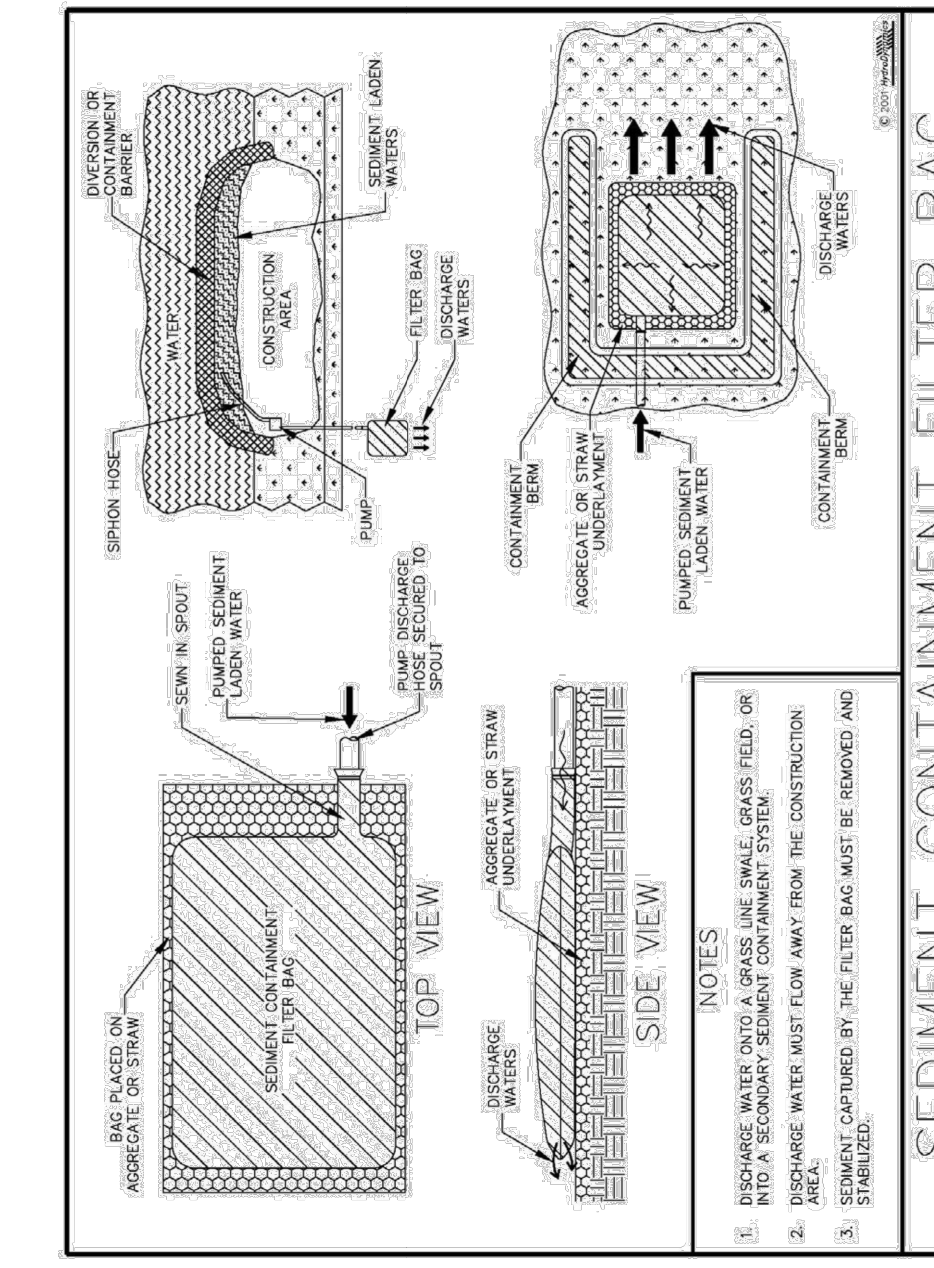


Figure IV-16: Illustration of a Sediment Containment System Filter Bag
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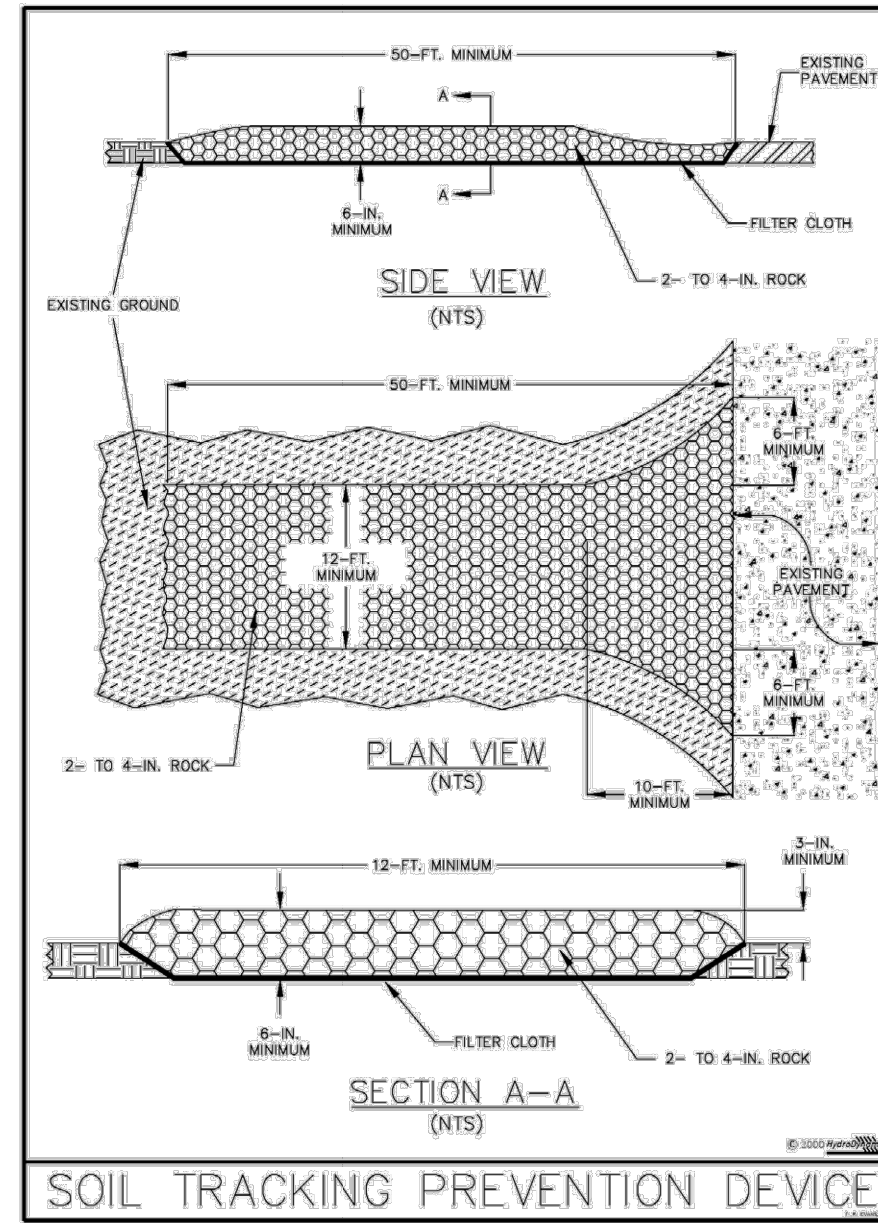


Figure V-19: Illustration of a Soil Tracking Prevention Device
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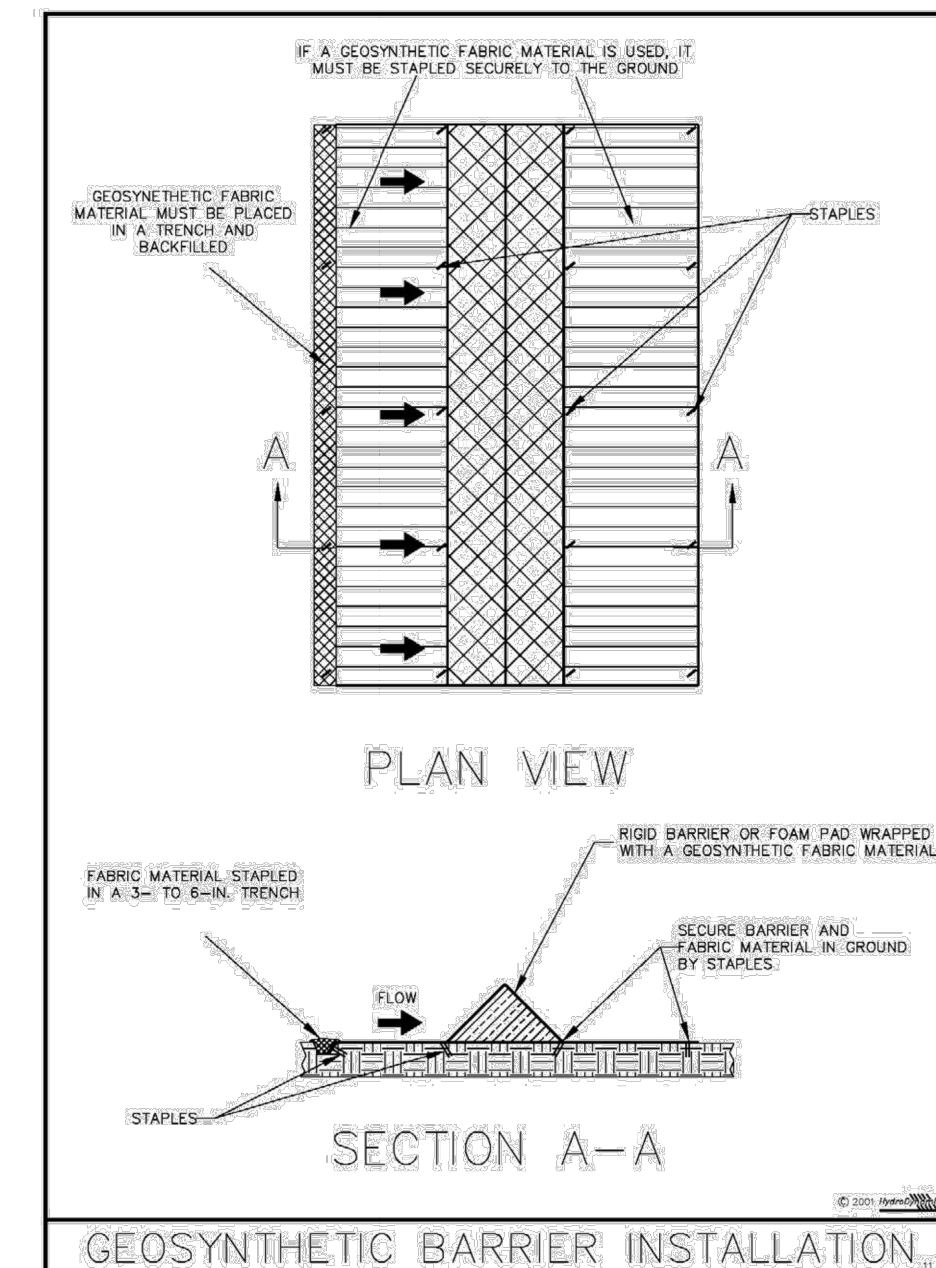


Figure V-8: Illustration of a Geosynthetic Barrier
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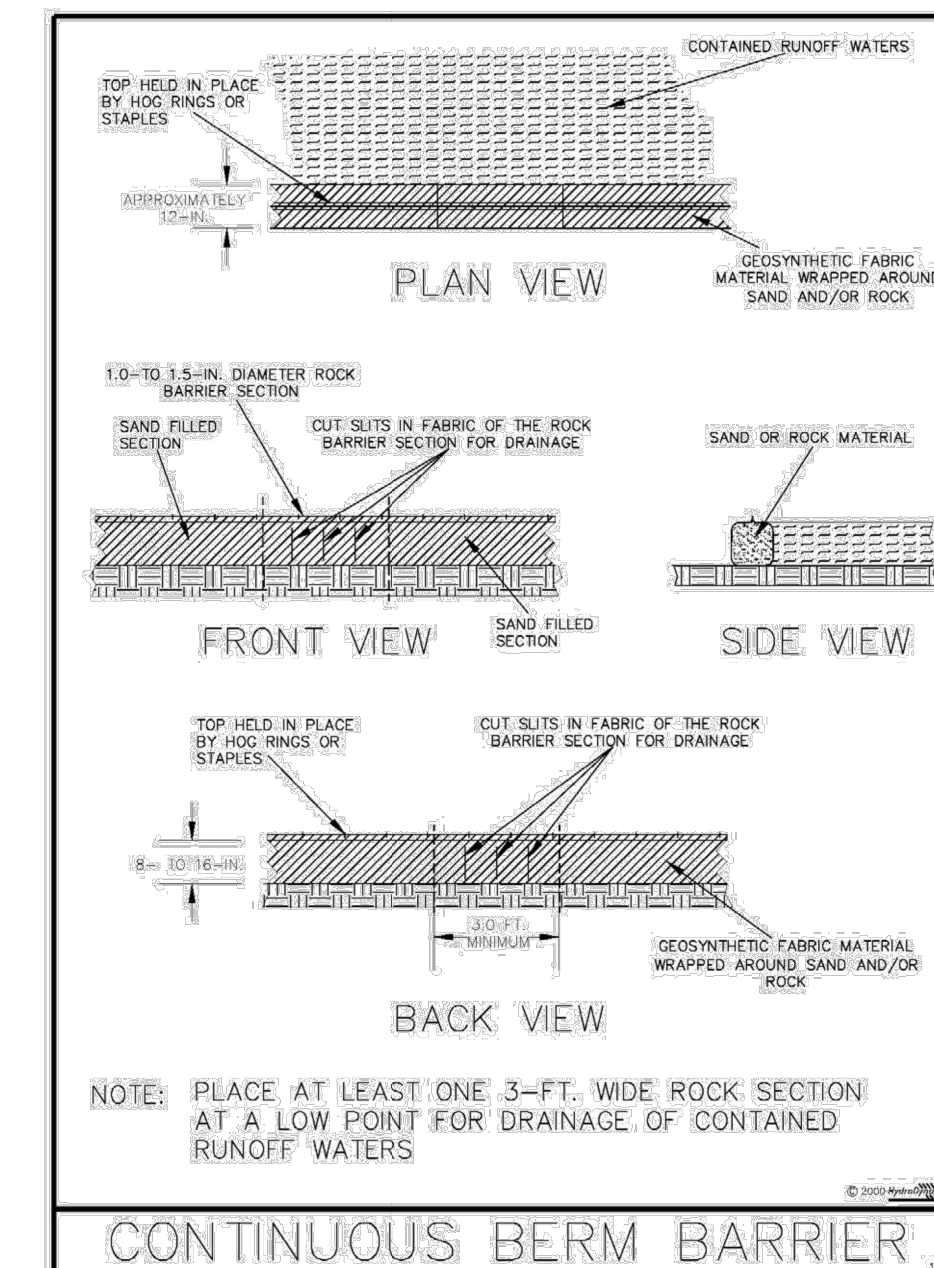


Figure V-7: Illustration of a Continuous Berm Barrier
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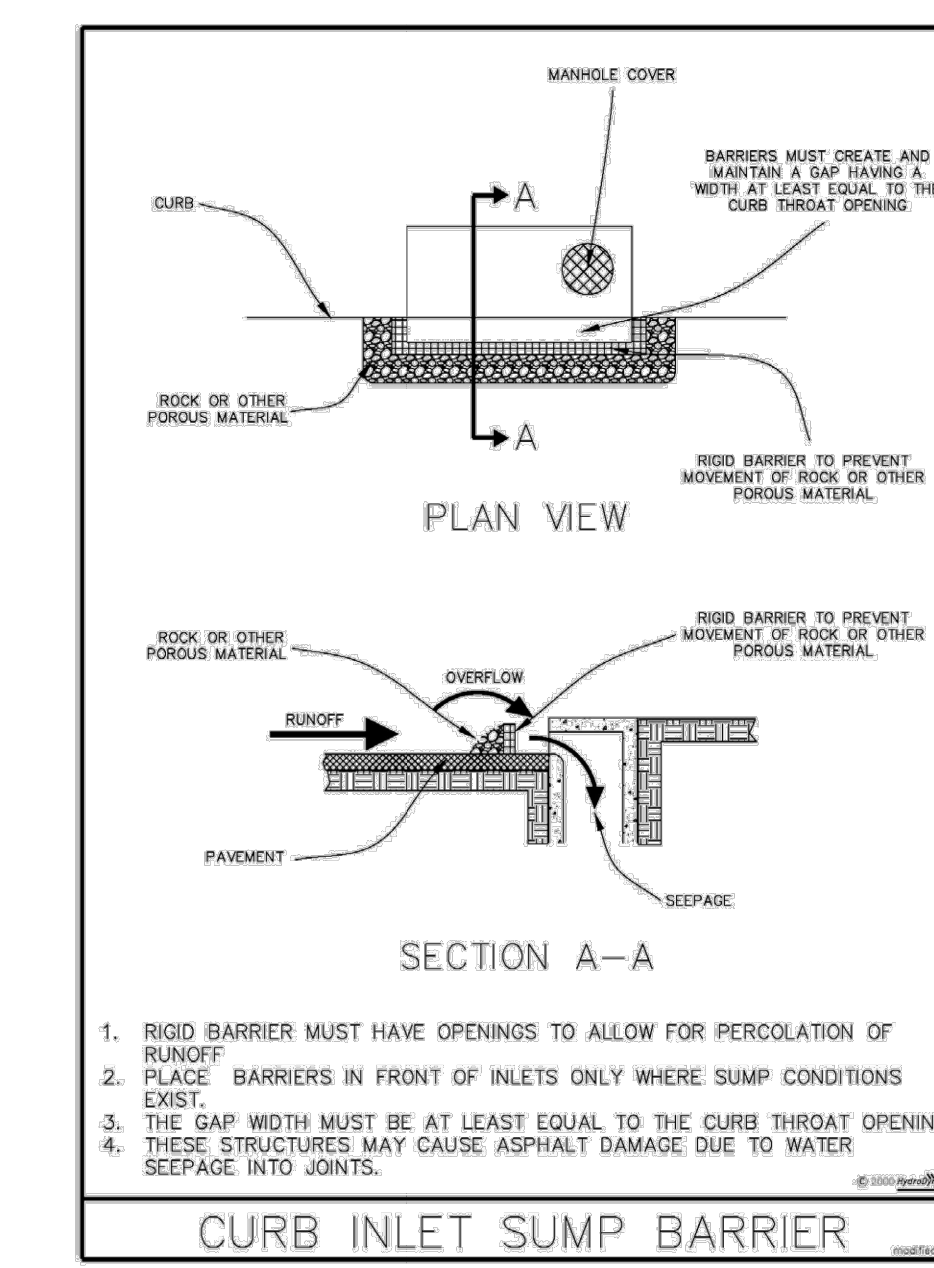


Figure V-15: Illustration of a Curb Inlet Sump Barrier
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Prepared For:

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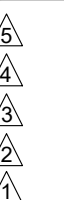
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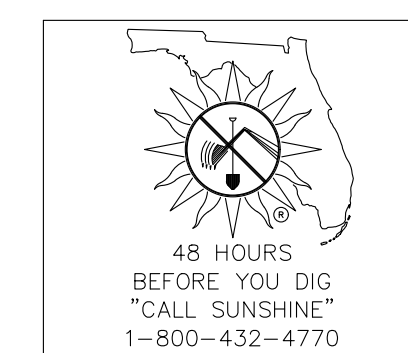
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Date: May 15, 2026
Job No.: 8702
Drawn By: RT
Checked By: JRP

Sheet Title
DEMOLITION, TREE PROTECTION & EROSION CONTROL NOTES

Sheet No.

C-3.2



Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
 4115 N. Manhattan
 Tampa, Florida

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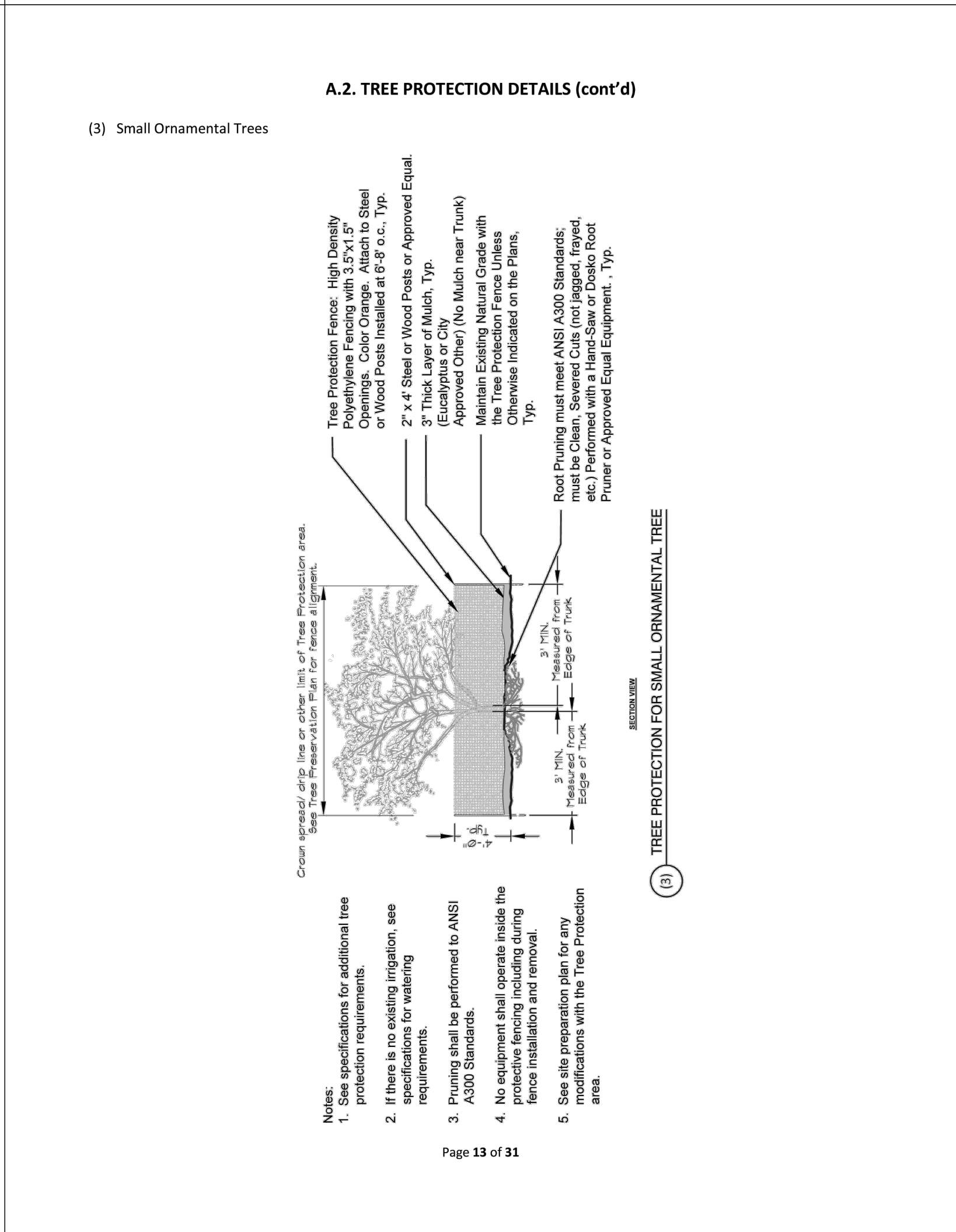
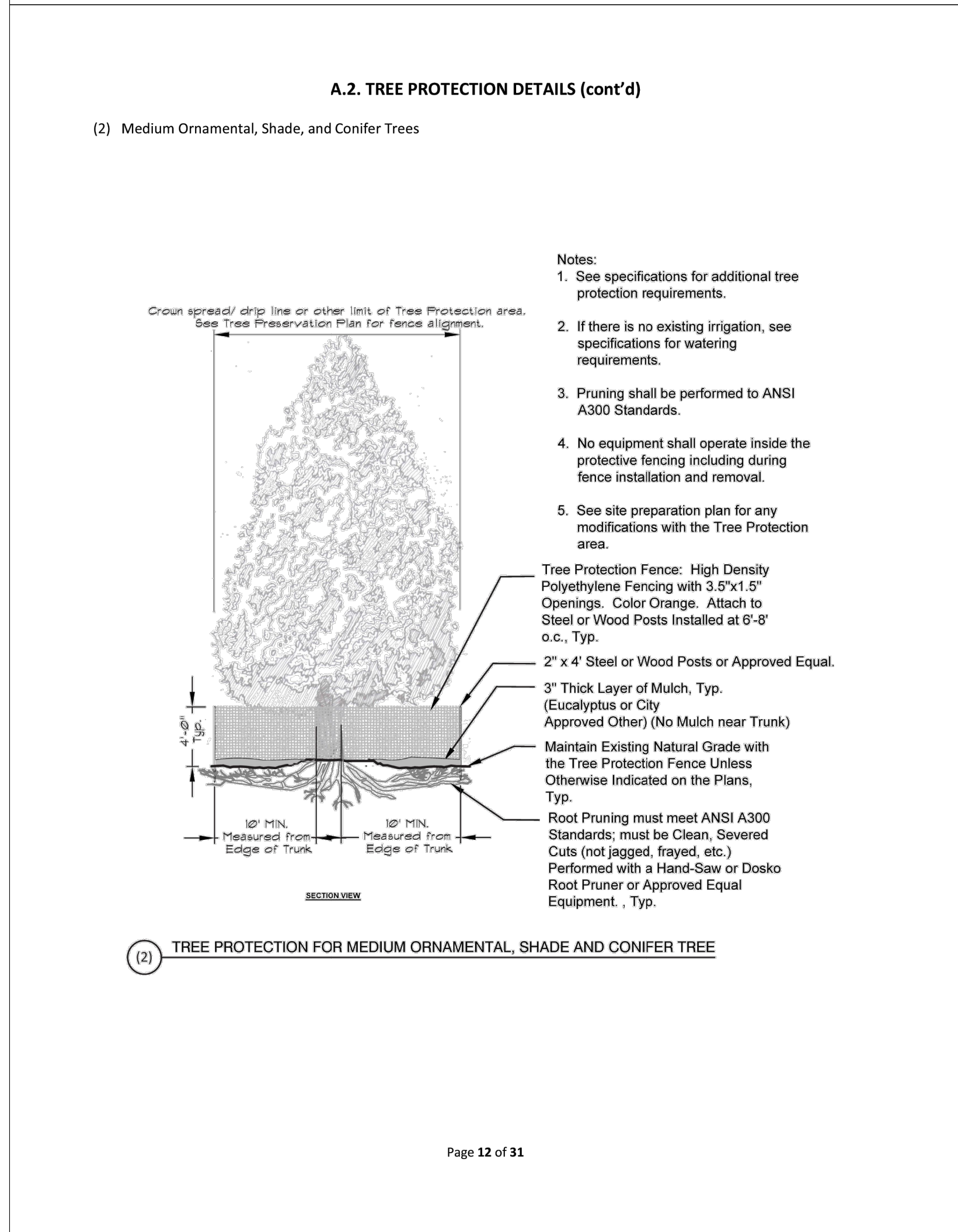
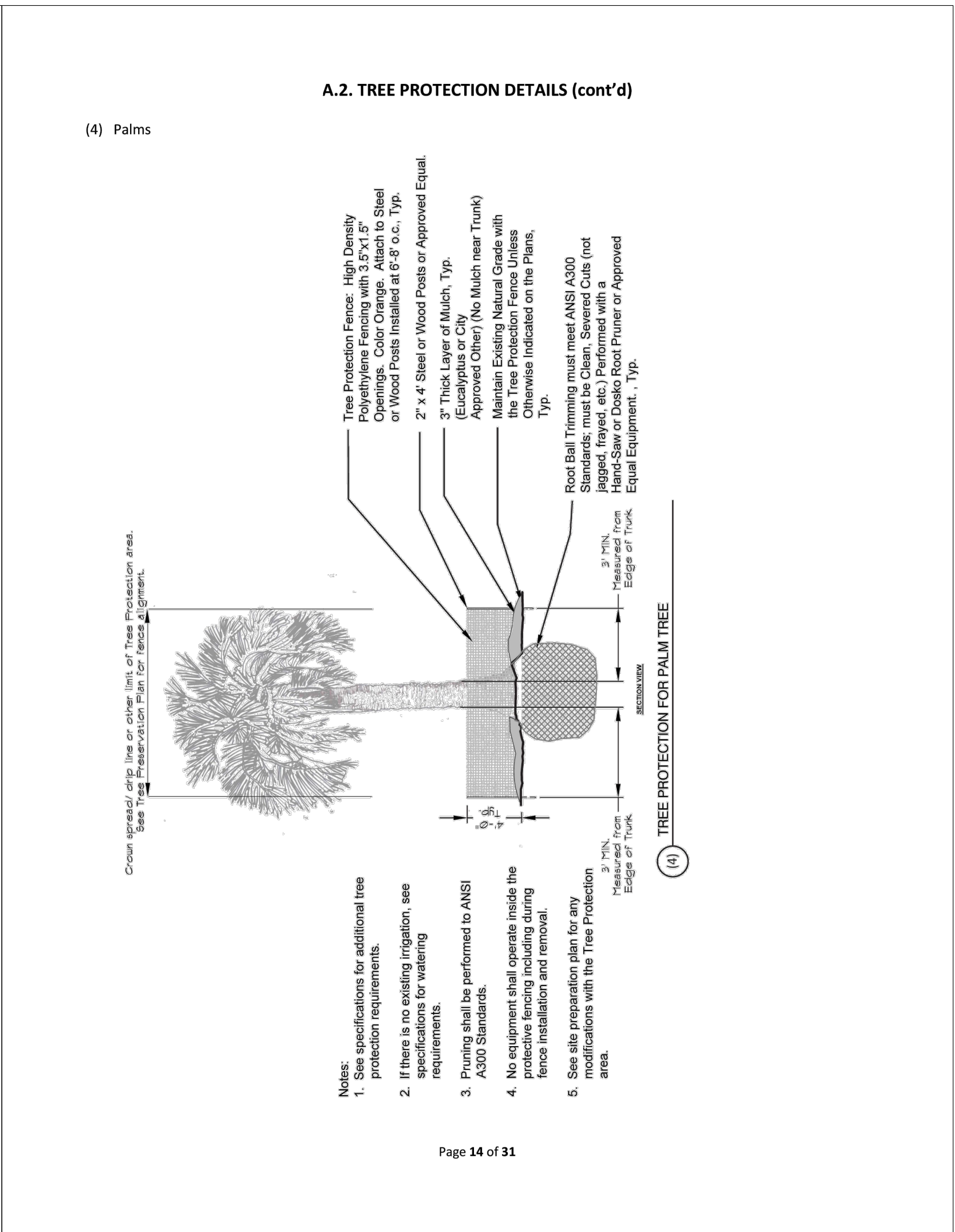
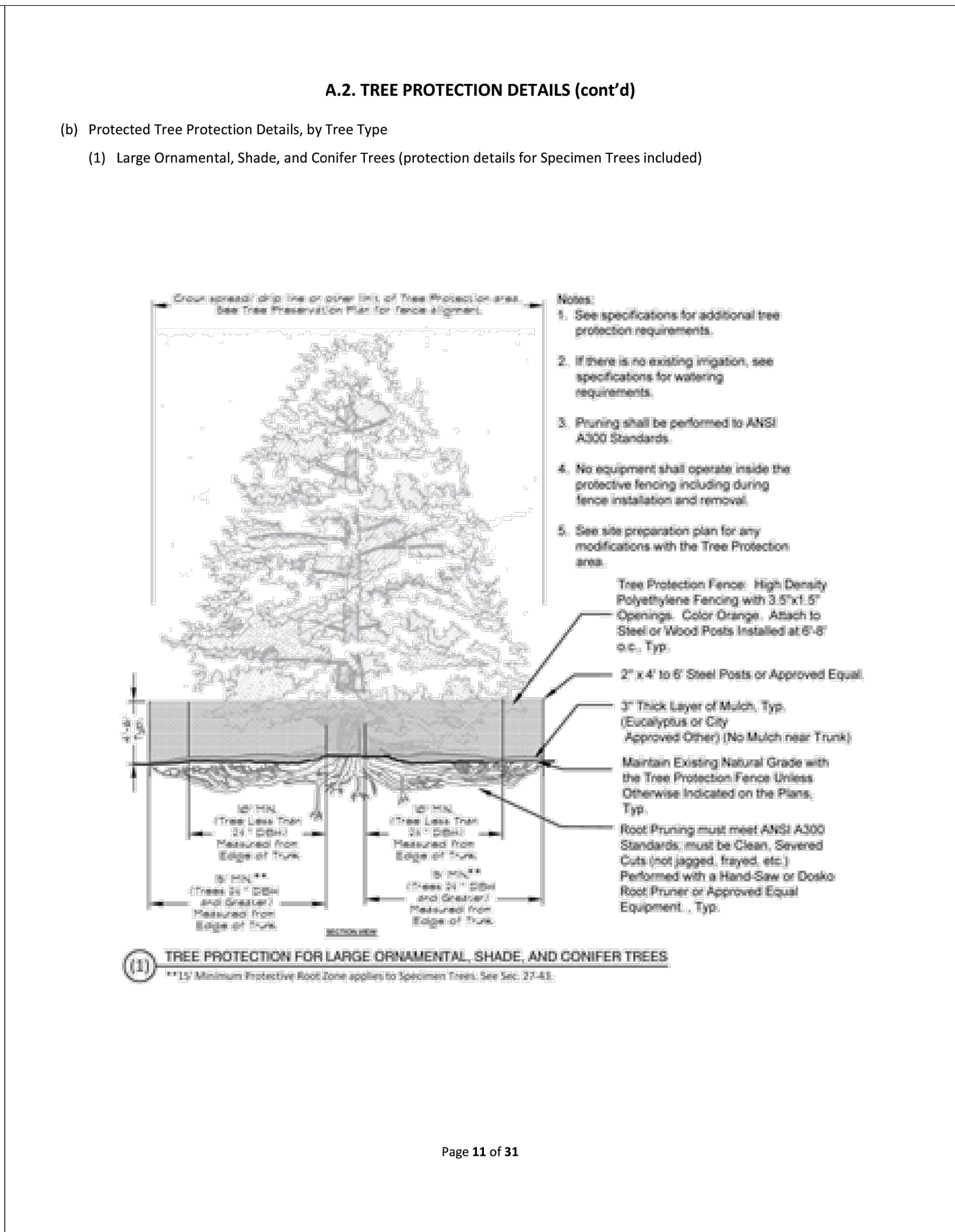
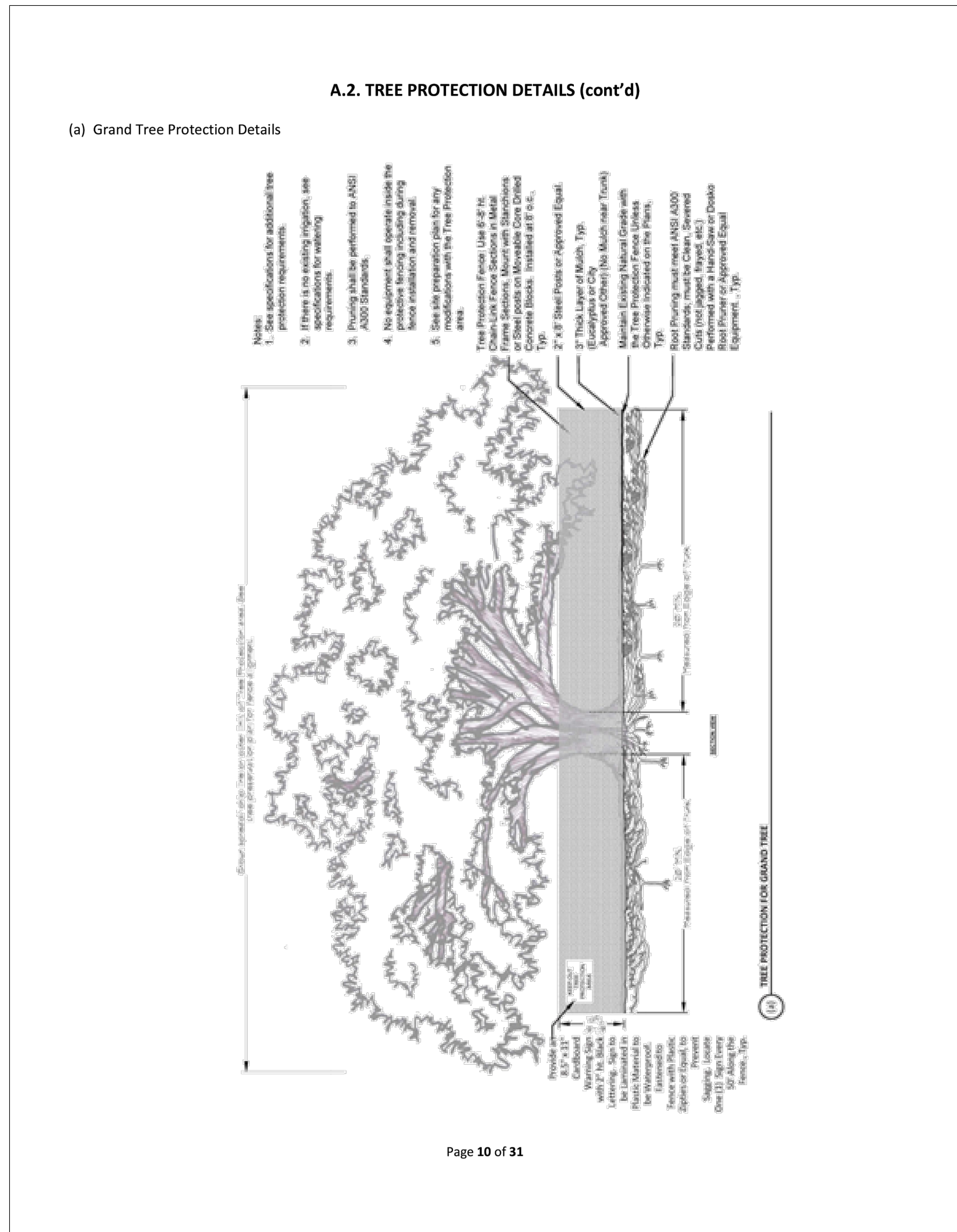
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 Drawn By: RT
 Checked By: JRP

Sheet Title
TREE PROTECTION NOTES

Sheet No.

C-3.3



LEGEND

| | |
|--|--|
| | EXISTING PROPERTY LINE |
| | PROPOSED DIMENSION |
| | EXISTING DIMENSION |
| | EXISTING CONCRETE PAVEMENT / PAD / SIDEWALK |
| | PROPOSED CONCRETE PAVEMENT / PAD / SIDEWALK |
| | PROPOSED COLORED CONCRETE PAD (REFER TO HARDSCAPE PLANS) |
| | PROPOSED ASPHALT PAVEMENT |
| | PROPOSED PLAYGROUND AREA (REFER TO HARDSCAPE PLANS) |
| | FLEXI-PAVE OR OTHER APPROVED PERMEABLE BONDED AGGREGATE SURFACE (REFER TO HARDSCAPE PLANS) |

LEGAL DESCRIPTION

(OR 19118, PG 270)

THE EAST 95 FEET OF LOT 10 AND ALL OF LOTS 18, 19 AND 20, BLOCK 91, RE-PLAT OF DREW PARK, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 29, PAGE 70-95 OF THE PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA.

AND

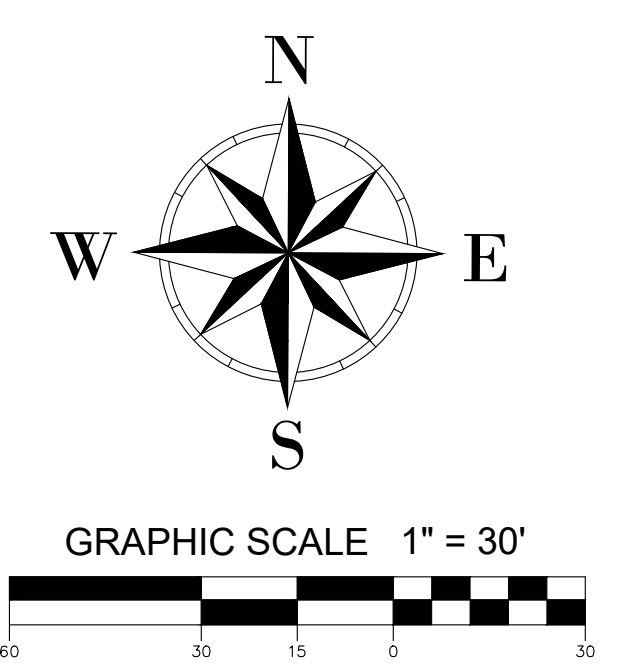
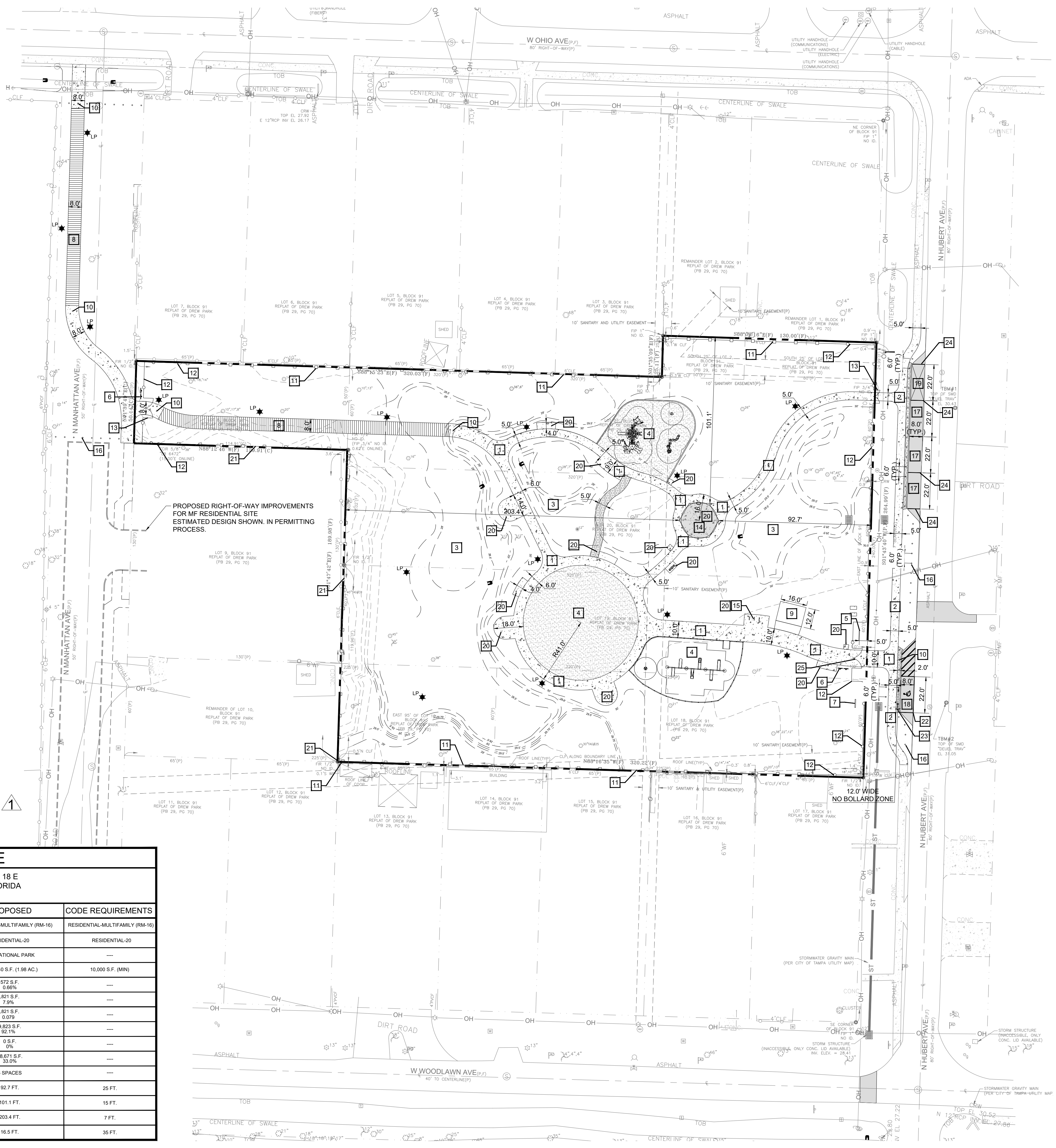
(OR 19734, PG 444)

LOT 8, BLOCK 91, AND THE SOUTH 25 FEET OF LOTS 1 AND 2 AND ALL OF LOT 21, BLOCK 91, REPLAT OF DREW PARK, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN PLAT BOOK 29, PAGE 70, PUBLIC RECORDS OF HILLSBOROUGH COUNTY, FLORIDA.

SITE PLAN NOTES

- ALL DESIGN AND CONSTRUCTION MUST CONFORM TO THE MINIMUM STANDARDS SET DOWN IN THE CITY OF TAMPA LAND DEVELOPMENT, ZONING AND/OR RELATED ORDINANCES.
- ALL PEDESTRIAN ROUTES, SIDEWALKS AND HANDICAPPED PARKING ACCESSIBILITY RAMPS SPACES, ACCESSIBILITY SIGNS AND SYMBOLS SHALL BE CONSTRUCTED IN STRICT CONFORMANCE WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (FACBC), LATEST EDITIONS.
- ALL POINTS AND MONUMENTS SHALL BE SURVEYED UPON MOBILIZATION TO VERIFY THEIR ACCURACY. ANY DISCREPANCIES DISCOVERED MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION.
- MONUMENTS AND OTHER SURVEY CONTROL POINTS SHALL BE PROTECTED FROM DAMAGE AND DISTURBANCE. IF ANY CONTROL POINTS ARE DAMAGED OR DISTURBED, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND REPLACE THE CONTROL POINTS TO THEIR ORIGINAL CONDITION AT HIS OWN EXPENSE.
- MINIMUM CURB RADII IS THREE (3) FEET, UNLESS OTHERWISE NOTED.
- MONUMENT SIGN SHALL BE PERMITTED UNDER SEPARATE APPLICATION.
- REFER TO ELECTRICAL PLANS FOR LIGHTING PLAN.
- ALL DISTURBED AREAS ARE TO RECEIVE FOUR (4) INCHES OF TOP SOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- ALL BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN WAS TAKEN FROM TOPOGRAPHIC SURVEY BY TRANSYSTEMS DATED 12/27/2024.
- ALL EXISTING AND PROPOSED ELEVATIONS ARE REFERENCED FROM NORTH AMERICAN VERTICAL DATUM OF 1988.
- REFER TO LANDSCAPE AND HARDSCAPE PLANS FOR ADDITIONAL PAVING/SURFACE DETAILS.
- REFER TO LANDSCAPE DRAWINGS FOR THE CONTROL JOINT LAYOUT PLAN DETAILS.
- PLAYGROUND EQUIPMENT TO BE PERMITTED UNDER SEPARATE COVER. THE FOLLOWING TO BE DEFERRED: PARK SHELTER AND FOUNDATION (GAZEBO), LIGHT POLE FOUNDATIONS, CONCRETE BOARDWALK AND FOUNDATIONS

| SITE DATA TABLE | | | |
|---|---------------------------------|---------------------------------|---------------------------------|
| SECTION 09, TOWNSHIP 29 S, RANGE 18 E TAMPA, HILLSBOROUGH COUNTY, FLORIDA FOLIO NUMBER: # 108916-0000 | | | |
| DESCRIPTION | EXISTING | PROPOSED | CODE REQUIREMENTS |
| ZONING: | RESIDENTIAL-MULTIFAMILY (RM-16) | RESIDENTIAL-MULTIFAMILY (RM-16) | RESIDENTIAL-MULTIFAMILY (RM-16) |
| FUTURE LAND USE: | RESIDENTIAL-20 | RESIDENTIAL-20 | RESIDENTIAL-20 |
| LAND USE: | VACANT | RECREATIONAL PARK | --- |
| SITE AREA: | 86,644.40 S.F. (1.98 AC.) | 86,644.40 S.F. (1.98 AC.) | 10,000 S.F. (MIN) |
| STRUCTURES FOOTPRINT AREA: PERCENTAGE OF SITE AREA: | 0 S.F. 0% | 572 S.F. 0.66% | --- |
| SIDEWALKS, CONCRETE PADS: PERCENTAGE OF SITE AREA: | 241 S.F. 0.28% | 6,821 S.F. 7.9% | --- |
| TOTAL IMPERVIOUS AREA: IMPERVIOUS SURFACE RATIO (I.S.R.): | 0 S.F. 0.00 | 6,821 S.F. 0.079 | --- |
| TOTAL PERVIOUS AREA: PERCENTAGE OF SITE AREA: | 86,403 S.F. 99.7% | 79,823 S.F. 92.1% | --- |
| VEHICULAR USE AREA: | 0 S.F. 0% | 0 S.F. 0% | --- |
| TOTAL POND AREA: PERCENTAGE OF SITE AREA: | 0 S.F. 0% | 28,671 S.F. 33.0% | --- |
| ON-STREET PARKING: | 0 | 5 SPACES | --- |
| SETBACKS | FRONT: | --- | 25 FT. |
| | SIDE: | --- | 15 FT. |
| | REAR: | --- | 7 FT. |
| BUILDING HEIGHT: | --- | 16.5 FT. | 35 FT. |



TAG LEGEND

| ITEM | DESCRIPTION |
|------|---|
| 1 | CONST. CONCRETE SIDEWALK, 6" THICK, CLASS I, NON-STRUCTURAL, 4,000 PSI WITH FIBER MESH MATERIAL PER FOOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION, CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 2 | CONST. CONCRETE SIDEWALK, 4" THICK, CLASS I, NON-STRUCTURAL, 3,000 PSI WITH FIBER MESH MATERIAL PER FOOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION, CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 3 | DRY RETENTION AREA |
| 4 | PLAY AREA (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 5 | PARK SIGN (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 6 | RULES SIGN (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 7 | ELECTRIC PANEL |
| 8 | PERMATRAK BOARDWALK (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 9 | FUTURE PHASE IMPROVEMENT |
| 10 | COLLAPSIBLE BOLLARD (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 11 | 6-FT HIGH WOOD FENCE (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 12 | 4-FT HIGH METAL PICKET FENCE (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 13 | DOUBLE SWING ACCESS GATE (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 14 | PROPOSED PAVILION (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 15 | PROPOSED BIKE RACKS (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 16 | PROPOSED WOODEN PARK BOLLARDS (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 17 | ON-STREET PARKING |
| 18 | ON-STREET PARKING (HANDICAP SPACE) |
| 19 | ON-STREET PARKING (POLICE DESIGNATED SPACE) |
| 20 | 4" CONCRETE PAD FOR ALL FURNISHING PADS FOR TABLES, BENCHES, DRINKING FOUNTAIN, BIKE RACKS, AND TRASH RECEPTACLES (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 21 | 6-FT HIGH METAL PICKET FENCE (REFER TO LANDSCAPE PLANS FOR DETAILS) |
| 22 | STRIPING FOR ACCESSIBLE PARKING SPACE(S) INCLUDING (2) 6" WHITE & BLUE LINES ON EACH SIDE, ACCESS AISLE STRIPED 6" WHITE DIAGONALLY AT 60°, EQUALLY SPACED AND WHITE UNIVERSAL SYMBOL OF ACCESSIBILITY PER FDOT INDEX 711-001. |
| 23 | PROPOSED PARKING BY DISABLED PERMIT ONLY, \$250 FINE F.S. 318.18 SIGN |
| 24 | 4" SOLID WHITE LINE STRIPING FOR REGULAR PARKING SPACE(S) |
| 25 | DOUBLE SWING ACCESS GATE W/ KNOX BOX (REFER TO LANDSCAPE PLANS FOR DETAILS) |

Prepared By:

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Phone: (813) 644-8333

Prepared For:

City of Tampa
306 East Jackson Street
Tampa, Florida 33602

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Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

Seal

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58265 BRAULLIO GRAJALES
FL Registration No. Professional Engineer Sign Date
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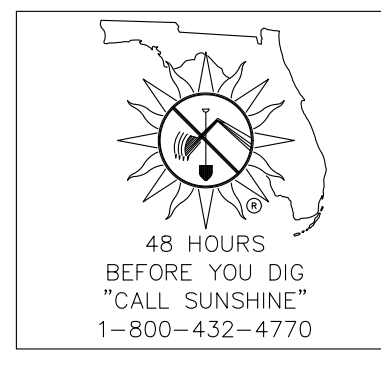
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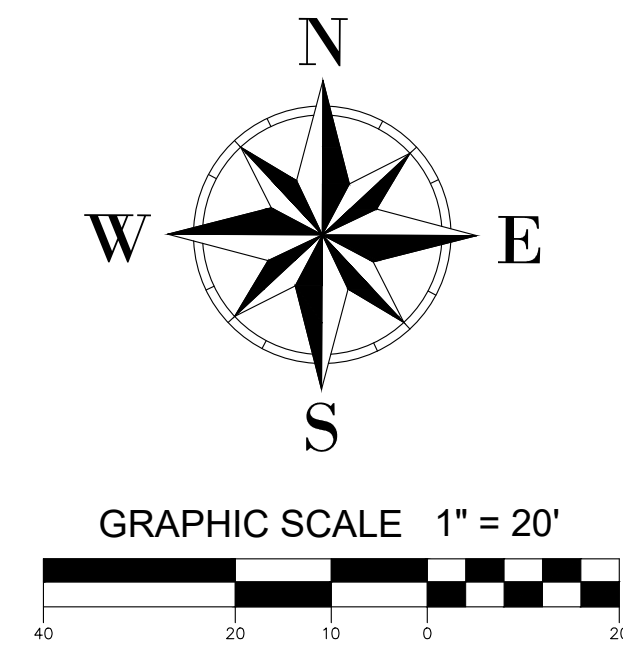
| REV | DATE | DESCRIPTION |
|-----|------|-------------|
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Date: May 15, 2026
Job No.: 8702
Drawn By: RT
Checked By: JRP

Sheet Title
OVERALL SITE LAYOUT & PARKING PLAN

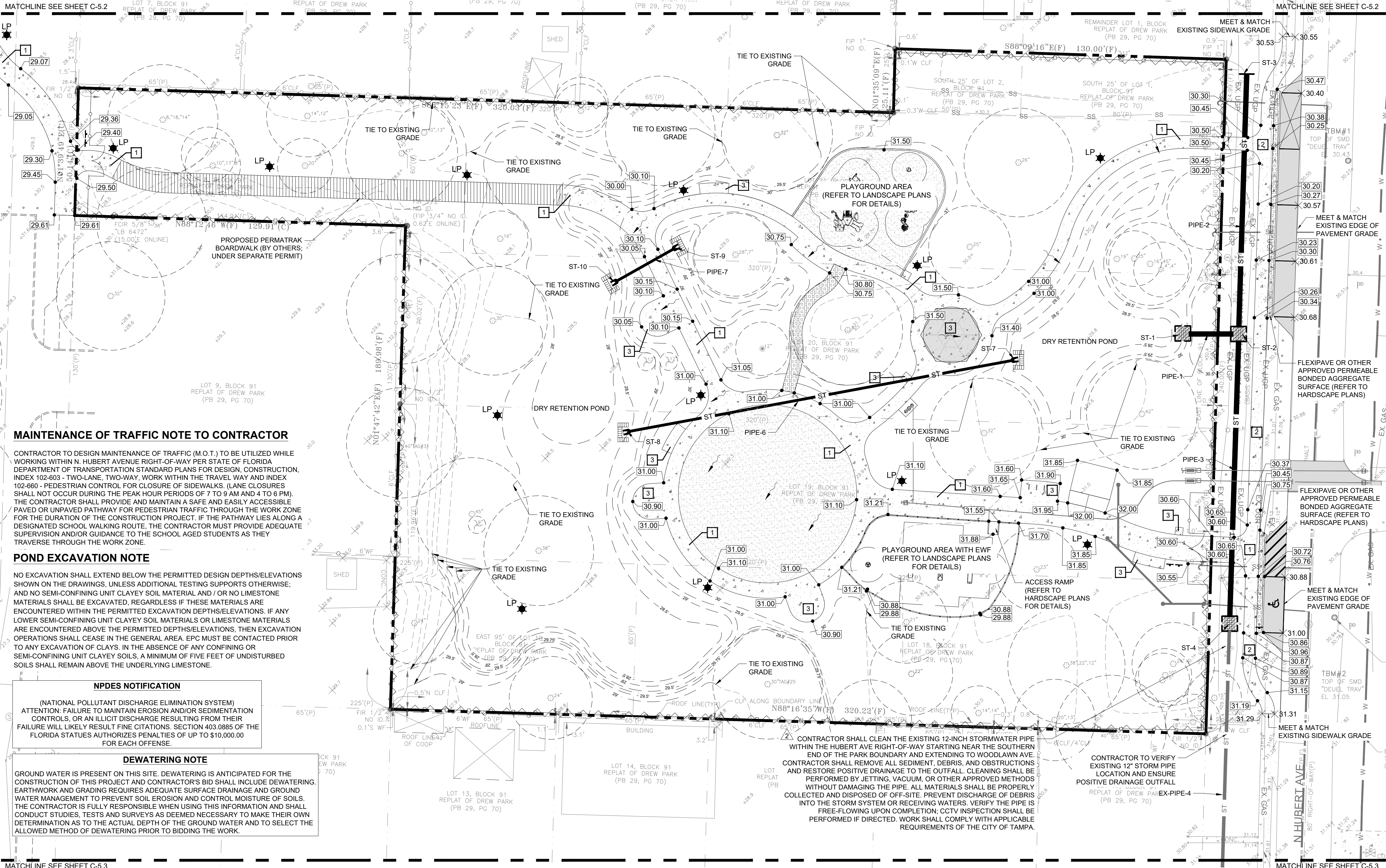
Sheet No.
C-4.1





| STORMWATER COLLECTION SYSTEM STORM LINE SCHEDULE | | | | | |
|---|-----------|-----------|-------------|-----------------|-----------|
| STORM LINE | LOWER END | UPPER END | LENGTH (FT) | SIZE & MATERIAL | SLOPE (%) |
| PIPE 1 | ST - 2 | ST - 1 | 20 | 14" X 23" ERCP | 0.50% |
| PIPE 2 | ST - 2 | ST - 3 | 100 | 14" X 23" ERCP | 0.11% |
| PIPE 3 | ST - 4 | ST - 2 | 110 | 14" X 23" ERCP | 0.11% |
| EX-PIPE 4 | ST - 5 | ST - 4 | 196 | 15" RCP (NFV) | 0.00% |
| PIPE 5 | ST - 6 | ST - 5 | 60 | 19" X 30" ERCP | 0.22% |
| PIPE 6 | ST - 8 | ST - 7 | 153 | 12" HP STORM | 0.00% |
| PIPE 7 | ST - 7 | ST - 8 | 30 | 12" HP STORM | 0.00% |
| PIPE 8 | ST - 7 | ST - 8 | 39 | 12" X 18" ERCP | 1.02% |

| STORMWATER COLLECTION SYSTEM STRUCTURE SCHEDULE | | | |
|--|---|------------------------|--|
| STRUCTURE NAME | TYPE OF STRUCTURE | RIM / GRATE ELEV. (FT) | INV. ELEV. (FT.) |
| ST - 1 | MODIFIED TYPE D INLET CONTROL STRUCTURE PER FDOT INDEX 425-052 (REFER TO SHEET C-7.1 FOR DETAILS) | 30.00 | PIPE 1 INV OUT = 28.60 |
| ST - 2 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 2 INV IN = 28.50 PIPE 2 INV OUT = 28.50 |
| ST - 3 | CONCRETE ENDWALL PER FDOT INDEX 430-030 | ----- | PIPE 2 INV OUT = 28.65 |
| ST - 4 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 3 INV IN = 28.40 EX-PIPE 4 INV OUT = 28.40 |
| ST - 5 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 31.35 | EX-PIPE 4 INV IN = 28.40 PIPE 5 INV OUT = 27.53 |
| ST - 6 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 5 INV. = 27.40 |
| ST - 7 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 6 INV. = 28.00 |
| ST - 8 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 6 INV. = 28.00 |
| ST - 9 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 7 INV. = 28.00 |
| ST - 10 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 7 INV. = 28.00 |
| ST - 11 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 8 INV. = 25.40 |
| ST - 12 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 8 INV. = 25.80 |



TAG LEGEND

| ITEM | DESCRIPTION |
|------|---|
| 1 | CONST. CONCRETE SIDEWALK, 6" THICK, CLASS I, NON-STRUCTURAL, 4,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 2 | CONST. CONCRETE SIDEWALK, 4" THICK, CLASS I, NON-STRUCTURAL, 3,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 3 | 4" CONCRETE PAD FOR ALL FURNISHING PADS FOR TABLES, BENCHES, DRINKING FOUNTAIN, BIKE RACKS, AND TRASH RECEPTACLES (REFER TO LANDSCAPE PLANS FOR DETAILS) |

LEGEND

| | |
|--|---|
| | EXISTING PROPERTY LINE |
| | EXISTING ELEVATION |
| | PROPOSED SINGLE ELEVATION |
| | FLOW DIRECTION |
| | PROPOSED EROSION CONTROL |
| | R.L. |
| | PROPOSED RIDGE LINE |
| | PROPOSED STORM SEWER LINE |
| | EXISTING STORM SEWER LINE |
| | PROPOSED CONCRETE PAVEMENT / PAD / SIDEWALK |
| | PROPOSED ASPHALTIC PAVEMENT |
| | PROPOSED GRATE INLET PROTECTION |
| | PROPOSED GEOSYNTHETIC BARRIER |

Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
 4115 N. Manhattan
 Tampa, Florida

Seal

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58265 BRALLIO GRAJALES
 FL Registration No. Professional Engineer Sign Date
 COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE PROFESSIONAL ENGINEER

BID SET

| REV | DATE | DESCRIPTION |
|-----|-------------|--------------|
| | Date: | May 15, 2026 |
| | Job No.: | 8702 |
| | Drawn By: | RT |
| | Checked By: | JRP |

Sheet Title
PAVING GRADING AND DRAINAGE PLAN

MAINTENANCE OF TRAFFIC NOTE TO CONTRACTOR

CONTRACTOR TO DESIGN MAINTENANCE OF TRAFFIC (M.O.T.) TO BE UTILIZED WHILE WORKING WITHIN N. HUBERT AVENUE RIGHT-OF-WAY PER STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR DESIGN, CONSTRUCTION, INDEX 102-603 - TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY AND INDEX 102-660 - PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS. (LANE CLOSURES SHALL NOT OCCUR DURING THE PEAK HOUR PERIODS OF 7 TO 9 AM AND 4 TO 6 PM). THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL WALKING ROUTE, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

POND EXCAVATION NOTE

NO EXCAVATION SHALL EXTEND BELOW THE PERMITTED DESIGN DEPTHS/ELEVATIONS SHOWN ON THE DRAWINGS, UNLESS ADDITIONAL TESTING SUPPORTS OTHERWISE, AND NO SEMI-CONFINING UNIT CLAYEY SOIL MATERIAL AND / OR NO LIMESTONE MATERIALS SHALL BE EXCAVATED, REGARDLESS IF THESE MATERIALS ARE ENCOUNTERED WITHIN THE PERMITTED EXCAVATION DEPTHS/ELEVATIONS, IF ANY LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIALS OR LIMESTONE MATERIALS ARE ENCOUNTERED ABOVE THE PERMITTED DEPTHS/ELEVATIONS, THEN EXCAVATION OPERATIONS SHALL CEASE IN THE GENERAL AREA. EPC MUST BE CONTACTED PRIOR TO ANY EXCAVATION OF CLAYS. IN THE ABSENCE OF ANY CONFINING OR SEMI-CONFINING UNIT CLAYEY SOILS, A MINIMUM OF FIVE FEET OF UNDISTURBED SOILS SHALL REMAIN ABOVE THE UNDERLYING LIMESTONE.

NPDES NOTIFICATION

(NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)
 ATTENTION: FAILURE TO MAINTAIN EROSION AND/OR SEDIMENTATION CONTROLS, OR AN ILLICIT DISCHARGE RESULTING FROM THEIR FAILURE WILL LIKELY RESULT FINE CITATIONS, SECTION 403.0886 OF THE FLORIDA STATUTES AUTHORIZES PENALTIES OF UP TO \$10,000.00 FOR EACH OFFENSE.

DEWATERING NOTE

GROUND WATER IS PRESENT ON THIS SITE. DEWATERING IS ANTICIPATED FOR THE CONSTRUCTION OF THIS PROJECT AND CONTRACTOR'S BID SHALL INCLUDE DEWATERING. EARTHWORK AND GRADING REQUIRES ADEQUATE SURFACE DRAINAGE AND GROUND WATER MANAGEMENT TO PREVENT SOIL EROSION AND CONTROL MOISTURE OF SOILS. THE CONTRACTOR IS FULLY RESPONSIBLE WHEN USING THIS INFORMATION AND SHALL CONDUCT STUDIES, TESTS AND SURVEYS AS DEEMED NECESSARY TO MAKE THEIR OWN DETERMINATION AS TO THE ACTUAL DEPTH OF THE GROUND WATER AND TO SELECT THE ALLOWED METHOD OF DEWATERING PRIOR TO BIDDING THE WORK.

CONTRACTOR SHALL CLEAN THE EXISTING 12-INCH STORMWATER PIPE WITHIN THE HUBERT AVE RIGHT-OF-WAY STARTING NEAR THE SOUTHERN END OF THE PARK BOUNDARY AND EXTENDING TO WOODLAWN AVE. CONTRACTOR SHALL REMOVE ALL SEDIMENT, DEBRIS, AND OBSTRUCTIONS AND RESTORE POSITIVE DRAINAGE TO THE OUTFALL. CLEANING SHALL BE PERFORMED BY JETTING, VACUUM, OR OTHER APPROVED METHODS WITHOUT DAMAGING THE PIPE. ALL MATERIALS SHALL BE PROPERLY COLLECTED AND DISPOSED OF OFF-SITE. PREVENT DISCHARGE OF DEBRIS INTO THE STORM SYSTEM OR RECEIVING WATERS. VERIFY THE PIPE IS FREE-FLOWING UPON COMPLETION; CCTV INSPECTION SHALL BE PERFORMED IF DIRECTED. WORK SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE CITY OF TAMPA.

CONTRACTOR TO VERIFY EXISTING 12" STORM PIPE LOCATION AND ENSURE POSITIVE DRAINAGE OUTFALL REPEAT OF DREW PARK EX-PIPE-4 (PB 29, PG 70)

Prepared By:



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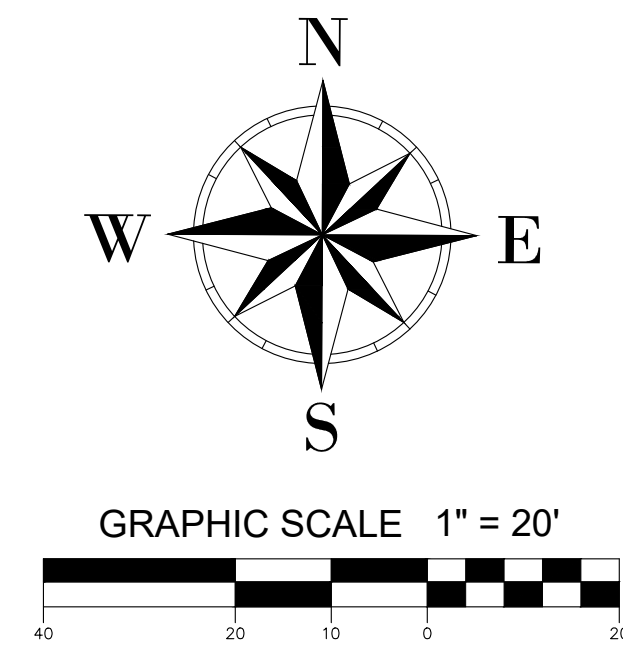
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Prepared For:

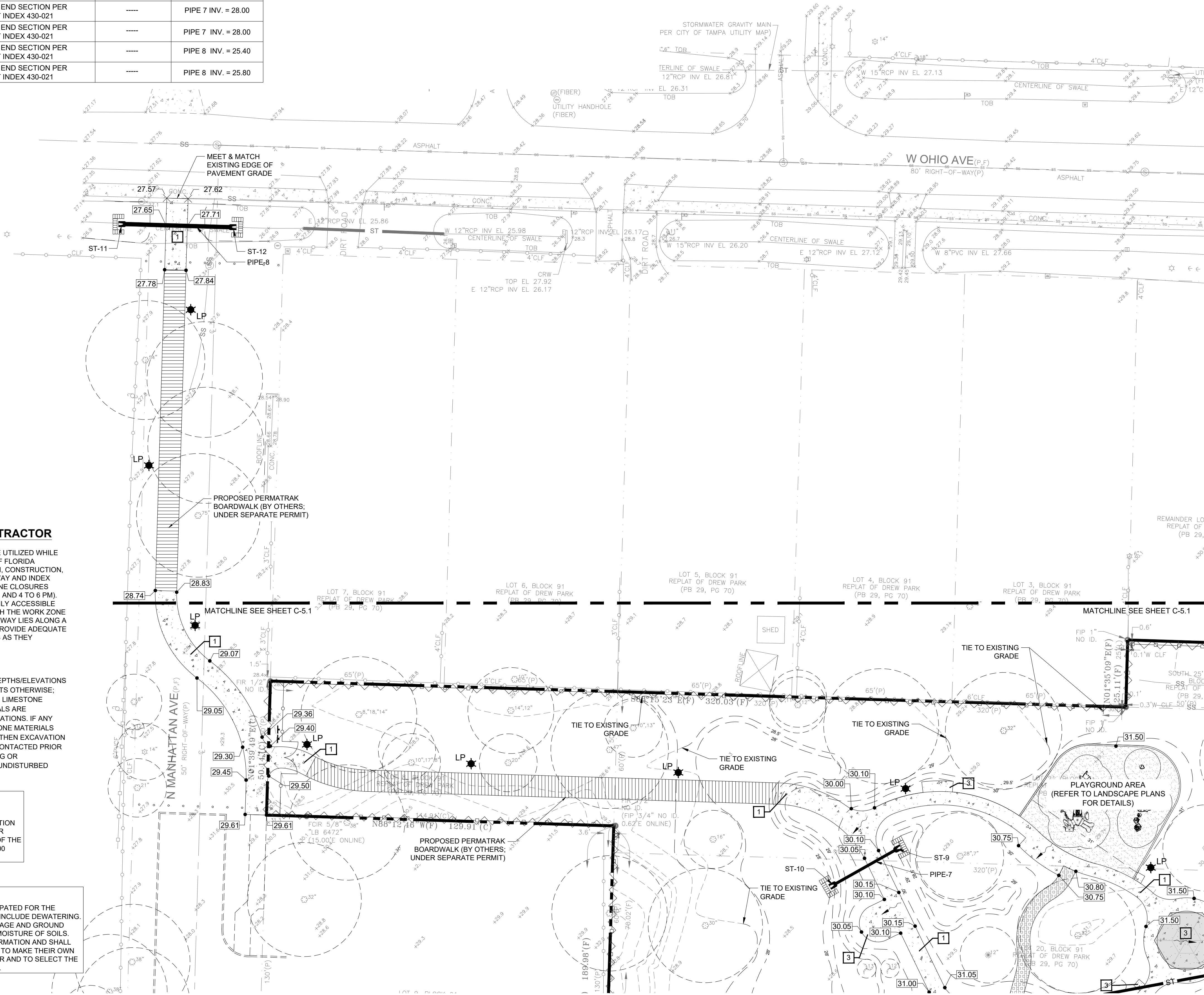
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Tampa, Florida 33602

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| STORMWATER COLLECTION SYSTEM STRUCTURE SCHEDULE | | | |
|--|---|------------------------|--|
| STRUCTURE NAME | TYPE OF STRUCTURE | RIM / GRATE ELEV. (FT) | INV. ELEV. (FT.) |
| ST - 1 | MODIFIED TYPE D INLET CONTROL STRUCTURE PER FDOT INDEX 425-052 (REFER TO SHEET C-7.1 FOR DETAILS) | 30.00 | PIPE 1 INV OUT = 28.60 |
| ST - 2 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 1 INV IN = 28.50 PIPE 2 INV IN = 28.50 PIPE 3 INV OUT = 28.50 |
| ST - 3 | CONCRETE ENDWALL PER FDOT INDEX 430-030 | ---- | PIPE 2 INV OUT = 28.65 |
| ST - 4 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 3 INV IN = 28.40 EX-PIPE 4 INV OUT = 28.40 |
| ST - 5 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 31.35 | EX-PIPE 4 INV IN = 28.40 PIPE 5 INV OUT = 27.53 |
| ST - 6 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 5 INV. = 27.40 |
| ST - 7 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 6 INV. = 28.00 |
| ST - 8 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 6 INV. = 28.00 |
| ST - 9 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 7 INV. = 28.00 |
| ST - 10 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 7 INV. = 28.00 |
| ST - 11 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 8 INV. = 25.40 |
| ST - 12 | MITERED END SECTION PER FDOT INDEX 430-021 | ---- | PIPE 8 INV. = 25.80 |

| STORMWATER COLLECTION SYSTEM STORM LINE SCHEDULE | | | | | | |
|---|-----------|-----------|-------------|-----------------|-----------|--|
| STORM LINE | LOWER END | UPPER END | LENGTH (FT) | SIZE & MATERIAL | SLOPE (%) | |
| PIPE 1 | ST - 2 | ST - 1 | 20 | 14" X 23" ERCP | 0.50% | |
| PIPE 2 | ST - 2 | ST - 3 | 100 | 14" X 23" ERCP | 0.11% | |
| PIPE 3 | ST - 4 | ST - 2 | 110 | 14" X 23" ERCP | 0.11% | |
| EX-PIPE 4 | ST - 5 | ST - 4 | 196 | 15" RCP (NFV) | 0.00% | |
| PIPE 5 | ST - 6 | ST - 5 | 60 | 19" X 30" ERCP | 0.22% | |
| PIPE 6 | ST - 8 | ST - 7 | 153 | 12" HP STORM | 0.00% | |
| PIPE 7 | ST - 7 | ST - 8 | 30 | 12" HP STORM | 0.00% | |
| PIPE 8 | ST - 7 | ST - 8 | 39 | 12" X 18" ERCP | 1.02% | |



| TAG LEGEND | |
|------------|---|
| ITEM | DESCRIPTION |
| 1 | CONST. CONCRETE SIDEWALK, 6" THICK, CLASS I, NON-STRUCTURAL, 4,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 2 | CONST. CONCRETE SIDEWALK, 4" THICK, CLASS I, NON-STRUCTURAL, 3,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 3 | 4" CONCRETE PAD FOR ALL FURNISHING PADS FOR TABLES, BENCHES, DRINKING FOUNTAIN, BIKE RACKS, AND TRASH RECEPTACLES (REFER TO LANDSCAPE PLANS FOR DETAILS) |

| LEGEND | |
|--------|---|
| | EXISTING PROPERTY LINE |
| | EXISTING ELEVATION |
| | PROPOSED SINGLE ELEVATION |
| | FLOW DIRECTION |
| | PROPOSED EROSION CONTROL |
| | PROPOSED RIDGE LINE |
| | PROPOSED STORM SEWER LINE |
| | EXISTING STORM SEWER LINE |
| | PROPOSED CONCRETE PAVEMENT / PAD / SIDEWALK |
| | PROPOSED ASPHALTIC PAVEMENT |
| | PROPOSED GRATE INLET PROTECTION |
| | PROPOSED GEOSYNTHETIC BARRIER |

Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

Seal

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58626 BRALILLO GRAJALES
FL Registration No. Professional Engineer Sign Date

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BID SET

| REV | DATE | DESCRIPTION |
|-----|-------------|--------------|
| | Date: | May 15, 2026 |
| | Job No.: | 8702 |
| | Drawn By: | RT |
| | Checked By: | JRP |

PAVING GRADING AND DRAINAGE PLAN

C-5.2

MAINTENANCE OF TRAFFIC NOTE TO CONTRACTOR

CONTRACTOR TO DESIGN MAINTENANCE OF TRAFFIC (M.O.T.) TO BE UTILIZED WHILE WORKING WITHIN N. HUBERT AVENUE RIGHT-OF-WAY PER STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR DESIGN, CONSTRUCTION, INDEX 102-603 - TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY AND INDEX 102-660 - PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS. (LANE CLOSURES SHALL NOT OCCUR DURING THE PEAK HOUR PERIODS OF 7 TO 9 AM AND 4 TO 6 PM). THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL WALKING ROUTE, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

POND EXCAVATION NOTE

NO EXCAVATION SHALL EXTEND BELOW THE PERMITTED DESIGN DEPTHS/ELEVATIONS SHOWN ON THE DRAWINGS, UNLESS ADDITIONAL TESTING SUPPORTS OTHERWISE, AND NO SEMI-CONFINING UNIT CLAYEY SOIL MATERIAL AND /OR NO LIMESTONE MATERIALS SHALL BE EXCAVATED, REGARDLESS IF THESE MATERIALS ARE ENCOUNTERED WITHIN THE PERMITTED EXCAVATION DEPTHS/ELEVATIONS, IF ANY LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIALS OR LIMESTONE MATERIALS ARE ENCOUNTERED ABOVE THE PERMITTED DEPTHS/ELEVATIONS, THEN EXCAVATION OPERATIONS SHALL CEASE IN THE GENERAL AREA. EPC MUST BE CONTACTED PRIOR TO ANY EXCAVATION OF CLAYS. IN THE ABSENCE OF ANY CONFINING OR SEMI-CONFINING UNIT CLAYEY SOILS, A MINIMUM OF FIVE FEET OF UNDISTURBED SOILS SHALL REMAIN ABOVE THE UNDERLYING LIMESTONE.

NPDES NOTIFICATION

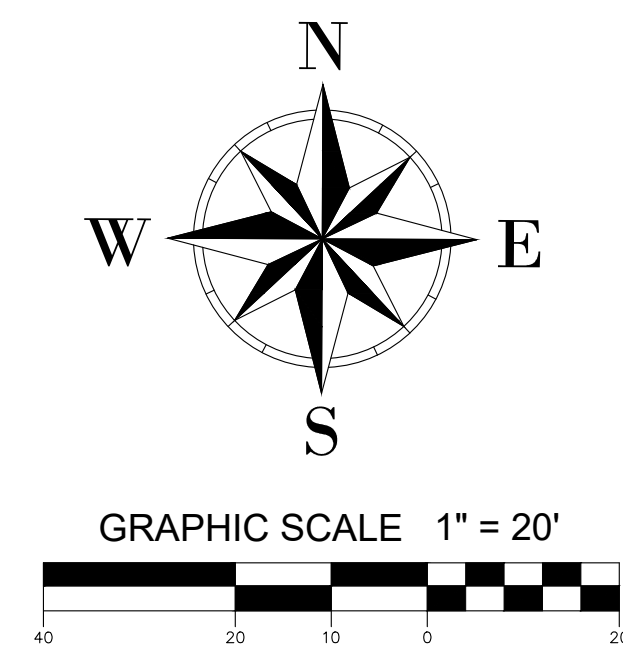
(NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)
ATTENTION: FAILURE TO MAINTAIN EROSION AND/OR SEDIMENTATION CONTROLS, OR AN ILICIT DISCHARGE RESULTING FROM THEIR FAILURE WILL LIKELY RESULT FINE CITATIONS. SECTION 403.0886 OF THE FLORIDA STATUTES AUTHORIZES PENALTIES OF UP TO \$10,000.00 FOR EACH OFFENSE.

DEWATERING NOTE

GROUND WATER IS PRESENT ON THIS SITE. DEWATERING IS ANTICIPATED FOR THE CONSTRUCTION OF THIS PROJECT AND CONTRACTOR'S BID SHALL INCLUDE DEWATERING. EARTHWORK AND GRADING REQUIRES ADEQUATE SURFACE DRAINAGE AND GROUND WATER MANAGEMENT TO PREVENT SOIL EROSION AND CONTROL MOISTURE OF SOILS. THE CONTRACTOR IS FULLY RESPONSIBLE WHEN USING THIS INFORMATION AND SHALL CONDUCT STUDIES, TESTS AND SURVEYS AS DEEMED NECESSARY TO MAKE THEIR OWN DETERMINATION AS TO THE ACTUAL DEPTH OF THE GROUND WATER AND TO SELECT THE ALLOWED METHOD OF DEWATERING PRIOR TO BIDDING THE WORK.

| STORMWATER COLLECTION SYSTEM STRUCTURE SCHEDULE | | | |
|--|---|-------------------------|--|
| STRUCTURE NAME | TYPE OF STRUCTURE | RIM / GRATE ELEV. (FT.) | INV. ELEV. (FT.) |
| ST - 1 | MODIFIED TYPE D INLET CONTROL STRUCTURE PER FDOT INDEX 425-052 (REFER TO SHEET C-7.1 FOR DETAILS) | 30.00 | PIPE 1 INV OUT = 28.60 |
| ST - 2 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 1 INV IN = 28.50 PIPE 2 INV IN = 28.50 PIPE 3 INV OUT = 28.50 |
| ST - 3 | CONCRETE ENDWALL PER FDOT INDEX 430-030 | ----- | PIPE 2 INV OUT = 28.65 |
| ST - 4 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 30.25 | PIPE 3 INV IN = 28.40 EX-PIPE 4 INV OUT = 28.40 |
| ST - 5 | TYPE T INLET PER COT STORMWATER ENGINEERING DIVISION DETAILS | 31.35 | EX-PIPE 4 INV IN = 28.40 PIPE 5 INV OUT = 27.53 |
| ST - 6 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 5 INV. = 27.40 |
| ST - 7 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 6 INV. = 28.00 |
| ST - 8 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 6 INV. = 28.00 |
| ST - 9 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 7 INV. = 28.00 |
| ST - 10 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 7 INV. = 28.00 |
| ST - 11 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 8 INV. = 25.40 |
| ST - 12 | MITERED END SECTION PER FDOT INDEX 430-021 | ----- | PIPE 8 INV. = 25.80 |

| STORMWATER COLLECTION SYSTEM STORM LINE SCHEDULE | | | | | |
|---|-----------|-----------|-------------|-----------------|-----------|
| STORM LINE | LOWER END | UPPER END | LENGTH (FT) | SIZE & MATERIAL | SLOPE (%) |
| PIPE 1 | ST - 2 | ST - 1 | 20 | 14" X 23" ERCP | 0.50% |
| PIPE 2 | ST - 2 | ST - 3 | 100 | 14" X 23" ERCP | 0.11% |
| PIPE 3 | ST - 4 | ST - 2 | 110 | 14" X 23" ERCP | 0.11% |
| EX-PIPE 4 | ST - 5 | ST - 4 | 196 | 15" RCP (NFV) | 0.00% |
| PIPE 5 | ST - 6 | ST - 5 | 60 | 19" X 30" ERCP | 0.22% |
| PIPE 6 | ST - 8 | ST - 7 | 153 | 12" HP STORM | 0.00% |
| PIPE 7 | ST - 7 | ST - 8 | 30 | 12" HP STORM | 0.00% |
| PIPE 8 | ST - 7 | ST - 8 | 39 | 12" X 18" ERCP | 1.02% |



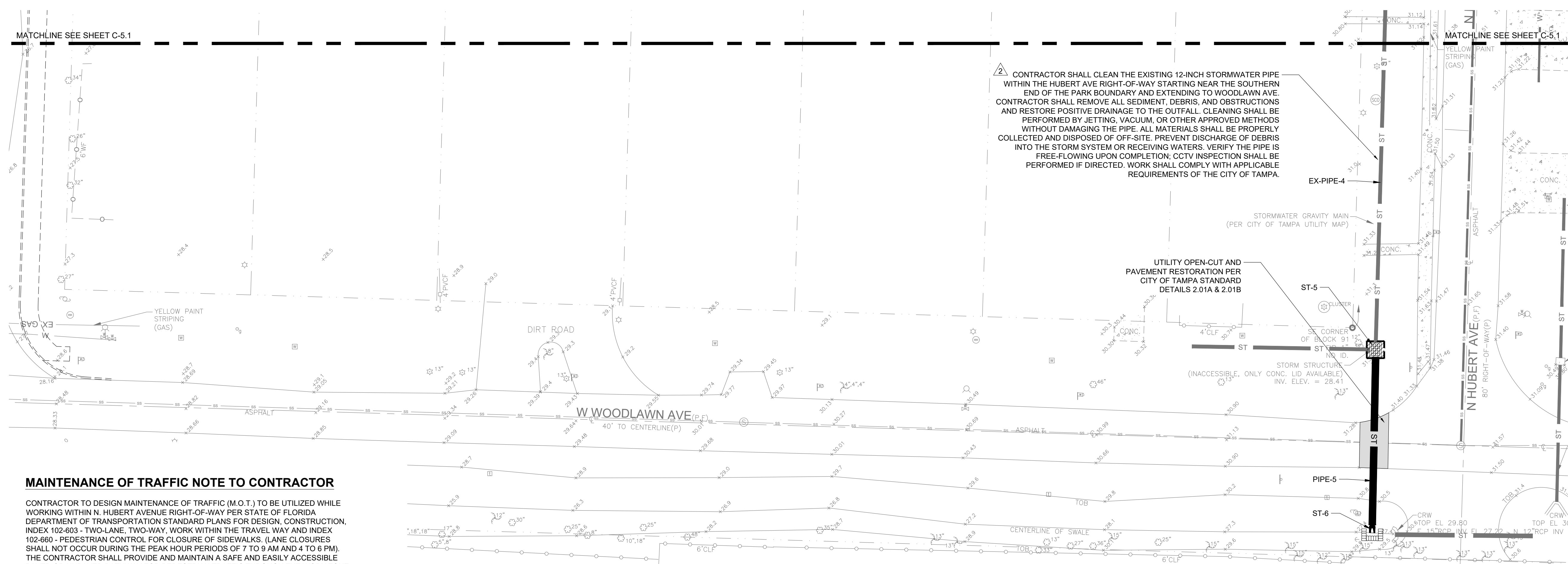
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Prepared For:
City of Tampa
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 Tampa, Florida 33602

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CONTRACTOR SHALL CLEAN THE EXISTING 12-INCH STORMWATER PIPE WITHIN THE HUBERT AVE RIGHT-OF-WAY STARTING NEAR THE SOUTHERN END OF THE PARK BOUNDARY AND EXTENDING TO WOODLAWN AVE. CONTRACTOR SHALL REMOVE ALL SEDIMENT, DEBRIS, AND OBSTRUCTIONS AND RESTORE POSITIVE DRAINAGE TO THE OUTFALL. CLEANING SHALL BE PERFORMED BY JETTING, VACUUM, OR OTHER APPROVED METHODS WITHOUT DAMAGING THE PIPE. ALL MATERIALS SHALL BE PROPERLY COLLECTED AND DISPOSED OF OFF-SITE. PREVENT DISCHARGE OF DEBRIS INTO THE STORM SYSTEM OR RECEIVING WATERS. VERIFY THE PIPE IS FREE-FLOWING UPON COMPLETION; CCTV INSPECTION SHALL BE PERFORMED IF DIRECTED. WORK SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE CITY OF TAMPA.

| TAG LEGEND | |
|------------|---|
| ITEM | DESCRIPTION |
| 1 | CONST. CONCRETE SIDEWALK, 6" THICK, CLASS I, NON-STRUCTURAL, 4,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 2 | CONST. CONCRETE SIDEWALK, 4" THICK, CLASS I, NON-STRUCTURAL, 3,000 PSI WITH FIBER MESH MATERIAL PER FDOT STANDARD INDEX 522-001, SHEET 1 OF 2, LATEST EDITION. CROSSWALK / ACCESSIBLE ROUTE RUNNING SLOPE 1:20 (MAX), CROSS SLOPE 1:50 (MAX). |
| 3 | 4" CONCRETE PAD FOR ALL FURNISHING PADS FOR TABLES, BENCHES, DRINKING FOUNTAIN, BIKE RACKS, AND TRASH RECEPTACLES (REFER TO LANDSCAPE PLANS FOR DETAILS) |

| LEGEND | |
|--------|---|
| | EXISTING PROPERTY LINE |
| | EXISTING ELEVATION |
| | PROPOSED SINGLE ELEVATION |
| | FLOW DIRECTION |
| | PROPOSED EROSION CONTROL |
| | PROPOSED RIDGE LINE |
| | PROPOSED STORM SEWER LINE |
| | EXISTING STORM SEWER LINE |
| | PROPOSED CONCRETE PAVEMENT / PAD / SIDEWALK |
| | PROPOSED ASPHALTIC PAVEMENT |
| | PROPOSED GRATE INLET PROTECTION |
| | PROPOSED GEOSYNTHETIC BARRIER |

MAINTENANCE OF TRAFFIC NOTE TO CONTRACTOR

CONTRACTOR TO DESIGN MAINTENANCE OF TRAFFIC (M.O.T.) TO BE UTILIZED WHILE WORKING WITHIN N. HUBERT AVENUE RIGHT-OF-WAY PER STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR DESIGN, CONSTRUCTION, INDEX 102-603 - TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY AND INDEX 102-660 - PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS. (LANE CLOSURES SHALL NOT OCCUR DURING THE PEAK HOUR PERIODS OF 7 TO 9 AM AND 4 TO 6 PM). THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL WALKING ROUTE, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

POND EXCAVATION NOTE

NO EXCAVATION SHALL EXTEND BELOW THE PERMITTED DESIGN DEPTHS/ELEVATIONS SHOWN ON THE DRAWINGS, UNLESS ADDITIONAL TESTING SUPPORTS OTHERWISE, AND NO SEMI-CONFINING UNIT CLAYEY SOIL MATERIAL AND / OR NO LIMESTONE MATERIALS SHALL BE EXCAVATED, REGARDLESS IF THESE MATERIALS ARE ENCOUNTERED WITHIN THE PERMITTED EXCAVATION DEPTHS/ELEVATIONS. IF ANY LOWER SEMI-CONFINING UNIT CLAYEY SOIL MATERIALS OR LIMESTONE MATERIALS ARE ENCOUNTERED ABOVE THE PERMITTED DEPTHS/ELEVATIONS, THEN EXCAVATION OPERATIONS SHALL CEASE IN THE GENERAL AREA. EPC MUST BE CONTACTED PRIOR TO ANY EXCAVATION OF CLAYS. IN THE ABSENCE OF ANY CONFINING OR SEMI-CONFINING UNIT CLAYEY SOILS, A MINIMUM OF FIVE FEET OF UNDISTURBED SOILS SHALL REMAIN ABOVE THE UNDERLYING LIMESTONE.

NPDES NOTIFICATION
 (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)
 ATTENTION: FAILURE TO MAINTAIN EROSION AND/OR SEDIMENTATION CONTROLS, OR AN ILLICIT DISCHARGE RESULTING FROM THEIR FAILURE WILL LIKELY RESULT FINE CITATIONS. SECTION 403.0885 OF THE FLORIDA STATUTES AUTHORIZES PENALTIES OF UP TO \$10,000.00 FOR EACH OFFENSE.

DEWATERING NOTE
 GROUND WATER IS PRESENT ON THIS SITE. DEWATERING IS ANTICIPATED FOR THE CONSTRUCTION OF THIS PROJECT AND CONTRACTOR'S BID SHALL INCLUDE DEWATERING. EARTHWORK AND GRADING REQUIRES ADEQUATE SURFACE DRAINAGE AND GROUND WATER MANAGEMENT TO PREVENT SOIL EROSION AND CONTROL MOISTURE OF SOILS. THE CONTRACTOR IS FULLY RESPONSIBLE WHEN USING THIS INFORMATION AND SHALL CONDUCT STUDIES, TESTS AND SURVEYS AS DEEMED NECESSARY TO MAKE THEIR OWN DETERMINATION AS TO THE ACTUAL DEPTH OF THE GROUND WATER AND TO SELECT THE ALLOWED METHOD OF DEWATERING PRIOR TO BIDDING THE WORK.

Hubert Avenue Park & Right-Of-Way Improvements
 4106, 4108, & 4110 N. Hubert Ave +
 4115 N. Manhattan
 Tampa, Florida

Seal

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58626 BRAULIO GRAJALES Professional Engineer Sign Date
 FL Registration No. Professional Engineer

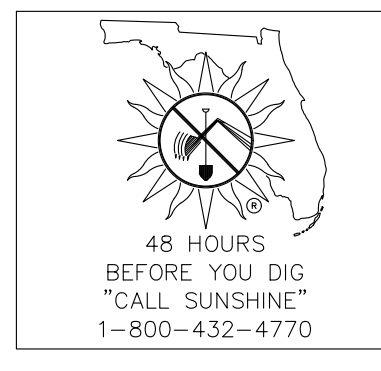
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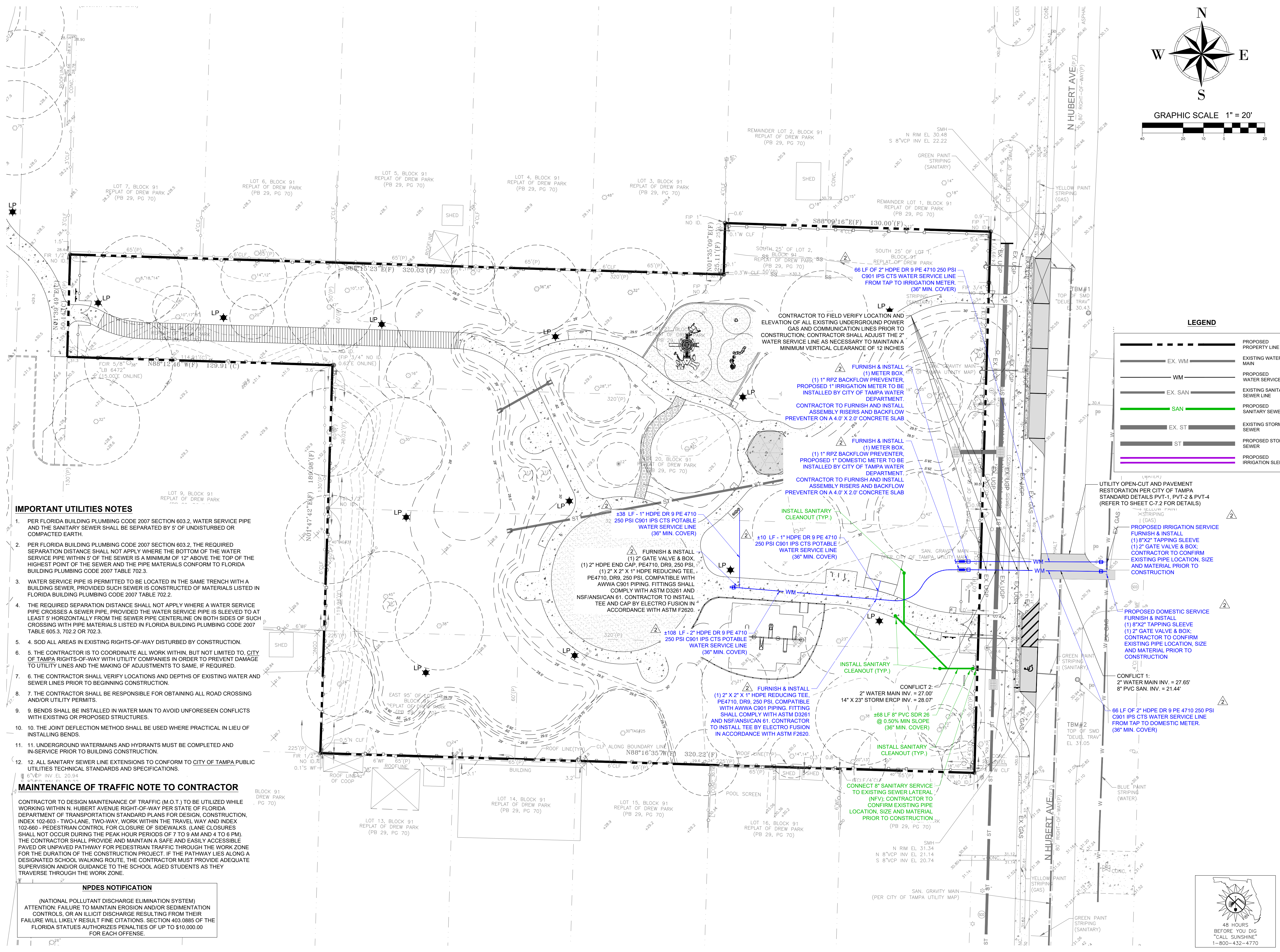
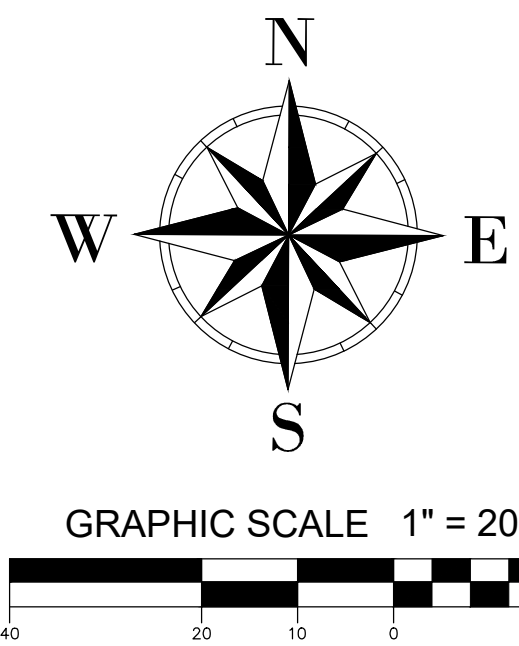
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Date: May 15, 2026
 Job No.: 8702
 Drawn By: RT
 Checked By: JRP

Sheet Title
PAVING GRADING AND DRAINAGE PLAN

Sheet No.
C-5.3





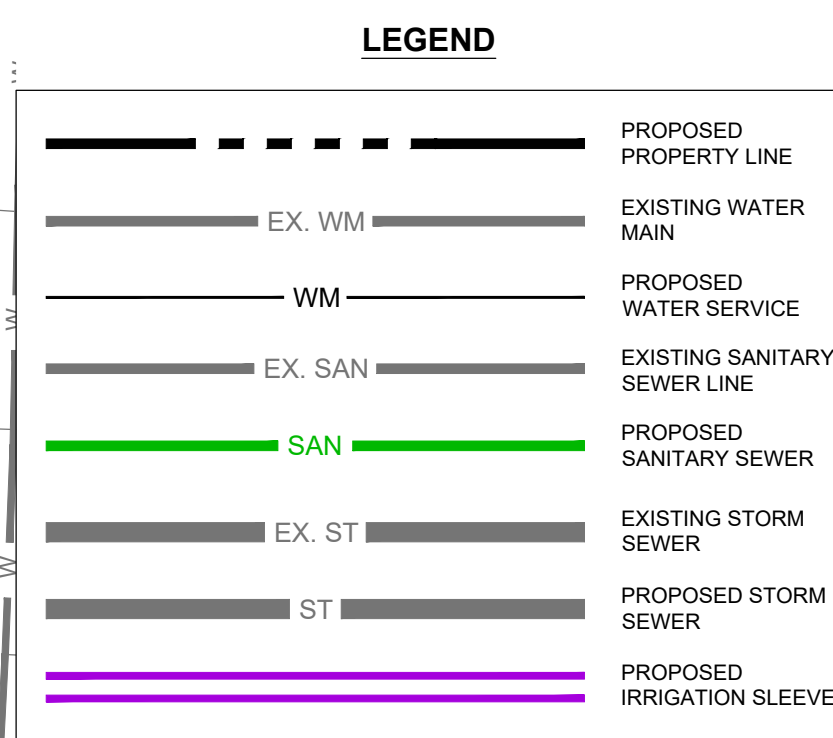
IMPORTANT UTILITIES NOTES

- PER FLORIDA BUILDING PLUMBING CODE 2007 SECTION 603.2, WATER SERVICE PIPE AND THE SANITARY SEWER SHALL BE SEPARATED BY 5' OF UNDISTURBED OR COMPACTED EARTH.
- PER FLORIDA BUILDING PLUMBING CODE 2007 SECTION 603.2, THE REQUIRED SEPARATION DISTANCE SHALL NOT APPLY WHERE THE BOTTOM OF THE WATER SERVICE PIPE WITHIN 5' OF THE SEWER IS A MINIMUM OF 12" ABOVE THE TOP OF THE HIGHEST POINT OF THE SEWER AND THE PIPE MATERIALS CONFORM TO FLORIDA BUILDING PLUMBING CODE 2007 TABLE 702.3.
- WATER SERVICE PIPE IS PERMITTED TO BE LOCATED IN THE SAME TRENCH WITH A BUILDING SEWER, PROVIDED SUCH SEWER IS CONSTRUCTED OF MATERIALS LISTED IN FLORIDA BUILDING PLUMBING CODE 2007 TABLE 702.2.
- THE REQUIRED SEPARATION DISTANCE SHALL NOT APPLY WHERE A WATER SERVICE PIPE CROSSES A SEWER PIPE, PROVIDED THE WATER SERVICE PIPE IS SLEEVED TO AT LEAST 5' HORIZONTALLY FROM THE SEWER PIPE CENTERLINE ON BOTH SIDES OF SUCH CROSSING WITH PIPE MATERIALS LISTED IN FLORIDA BUILDING PLUMBING CODE 2007 TABLE 605.3, 702.2 OR 702.3.
- SOD ALL AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION.
- THE CONTRACTOR IS TO COORDINATE ALL WORK WITHIN, BUT NOT LIMITED TO, CITY OF TAMPA RIGHTS-OF-WAY WITH UTILITY COMPANIES IN ORDER TO PREVENT DAMAGE TO UTILITY LINES AND THE MAKING OF ADJUSTMENTS TO SAME, IF REQUIRED.
- THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF EXISTING WATER AND SEWER LINES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL ROAD CROSSING AND/OR UTILITY PERMITS.
- BENDS SHALL BE INSTALLED IN WATER MAIN TO AVOID UNFORESEEN CONFLICTS WITH EXISTING OR PROPOSED STRUCTURES.
- THE JOINT DEFLECTION METHOD SHALL BE USED WHERE PRACTICAL IN LIEU OF INSTALLING BENDS.
- UNDERGROUND WATERMANS AND HYDRANTS MUST BE COMPLETED AND IN-SERVICE PRIOR TO BUILDING CONSTRUCTION.
- ALL SANITARY SEWER LINE EXTENSIONS TO CONFORM TO CITY OF TAMPA PUBLIC UTILITIES TECHNICAL STANDARDS AND SPECIFICATIONS.

MAINTENANCE OF TRAFFIC NOTE TO CONTRACTOR

CONTRACTOR TO DESIGN MAINTENANCE OF TRAFFIC (M.O.T.) TO BE UTILIZED WHILE WORKING WITHIN N. HUBERT AVENUE RIGHT-OF-WAY PER STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR DESIGN, CONSTRUCTION, INDEX 102-603 - TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY AND INDEX 102-660 - PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS. (LANE CLOSURES SHALL NOT OCCUR DURING THE PEAK HOUR PERIODS OF 7 TO 9 AM AND 4 TO 6 PM). THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND EASILY ACCESSIBLE PAVED OR UNPAVED PATHWAY FOR PEDESTRIAN TRAFFIC THROUGH THE WORK ZONE FOR THE DURATION OF THE CONSTRUCTION PROJECT. IF THE PATHWAY LIES ALONG A DESIGNATED SCHOOL WALKING ROUTE, THE CONTRACTOR MUST PROVIDE ADEQUATE SUPERVISION AND/OR GUIDANCE TO THE SCHOOL AGED STUDENTS AS THEY TRAVERSE THROUGH THE WORK ZONE.

NPDES NOTIFICATION
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UTILITY OPEN-CUT AND PAVEMENT RESTORATION PER CITY OF TAMPA STANDARD DETAILS PVT-1, PVT-2 & PVT-4 (REFER TO SHEET C-7.2 FOR DETAILS)

Hubert Avenue Park & Right-Of-Way Improvements

4106, 4108, & 4110 N. Hubert Ave +
4115 N. Manhattan
Tampa, Florida

Seal

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58265 BRAULIO GRAJALES Professional Engineer Sign Date
FL Registration No. Professional Engineer
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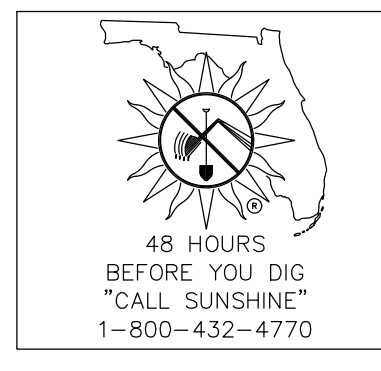
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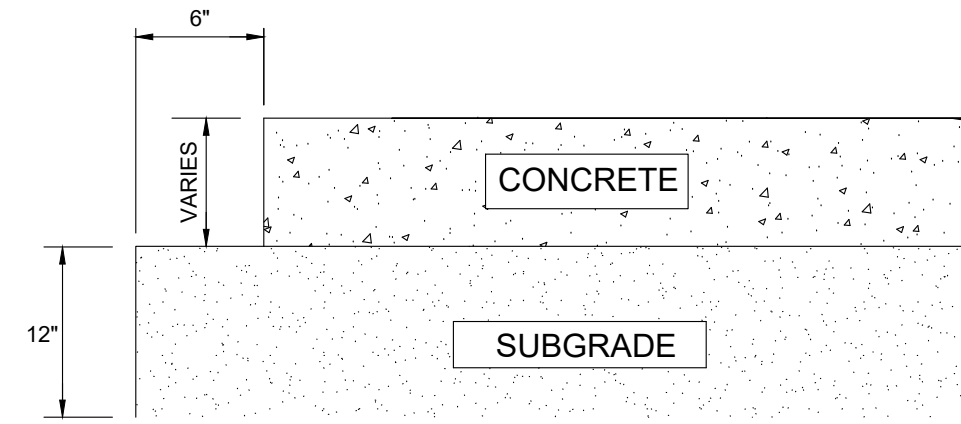
| REV | DATE | DESCRIPTION |
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Date: May 15, 2026
Job No.: 8702
Drawn By: RT
Checked By: JRP

Sheet Title
UTILITIES PLAN

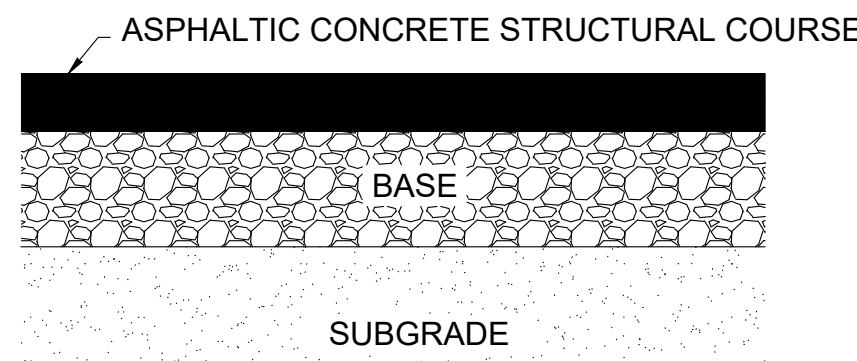
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C-6.1





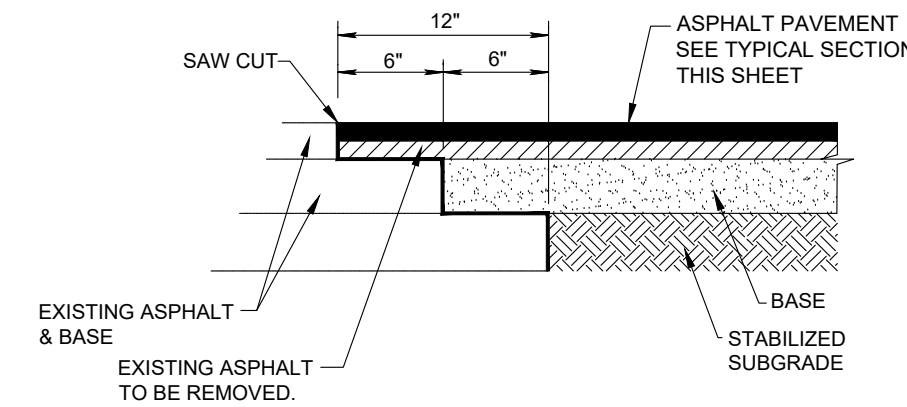
- NOTES:
- CONCRETE**
4" - 6" THICK PORTLAND CEMENT CONCRETE SURFACE COURSE (F_c=4,000 PSI MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS) W 6X6/10X10 WELDED WIRE MESH REINFORCEMENT
MAXIMUM SPACING BETWEEN JOINTS SHALL BE 10 FEET
MINIMUM CONTRACTION JOINT DEPTH SHALL BE ONE-FORTH (1/4) OF THE PAVEMENT THICKNESS
CONCRETE SHALL BE PLACED BY AN ACI CERTIFIED CONTRACTOR
 - SUBGRADE**
12" STABILIZED SUBGRADE (LBR 40) COMPACTED TO 98% OF MAXIMUM DENSITY PER ASTM D1557 / AASHTO T-180

RIGID PAVEMENT SECTION
N.T.S.



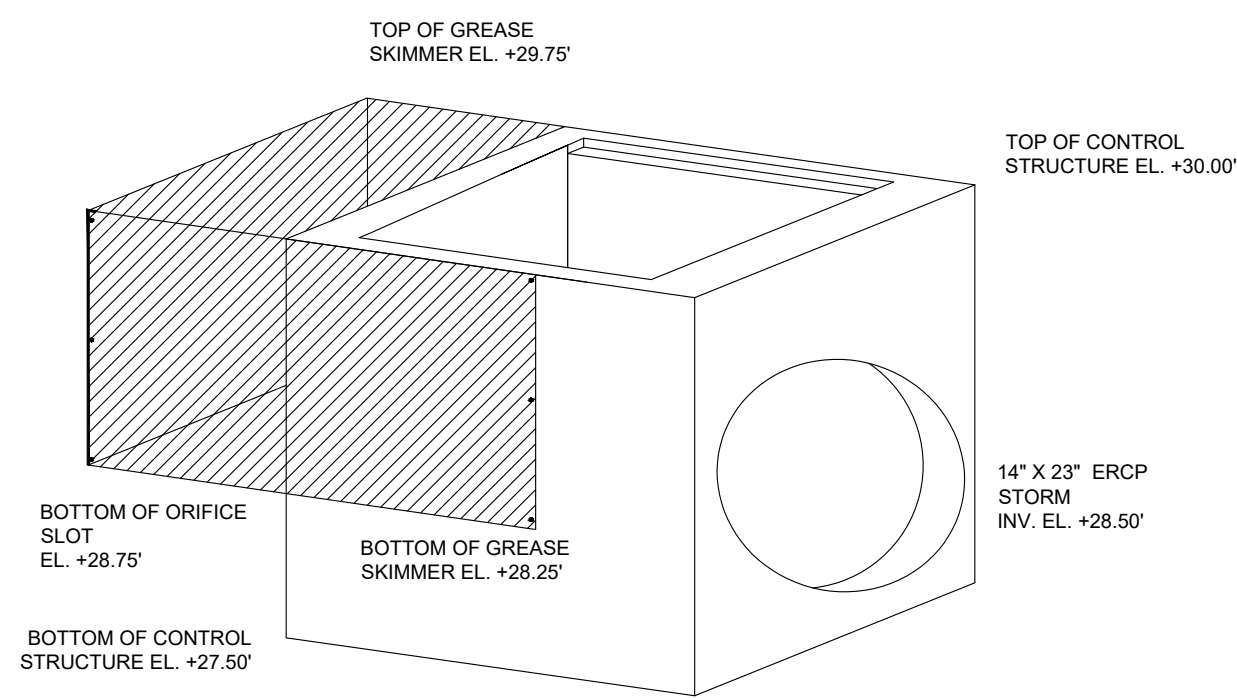
- NOTES:
- ASPHALT**
1-1/2" TYPE FC-12.5 (TRAFFIC C) ASPHALTIC FRICTION COURSE (160 LBS/SY) (PG 76-2) FIELD COMPACTED TO 95% OF LABORATORY MAXIMUM DENSITY PER SPECIFIC GRAVITY (Gmm) METHOD
1-1/2" TYPE SP-12.5 FINE MIX ASPHALTIC CONCRETE STRUCTURAL COURSE (160 LBS/SY) FIELD COMPACTED TO 95% OF LABORATORY MAXIMUM DENSITY PER SPECIFIC GRAVITY (Gmm) METHOD
 - BASE**
15" TYPE B-12.5 COARSE MIX ASPHALTIC CONCRETE BASE FROM FDOT APPROVED SOURCES FIELD COMPACTED TO 95% OF LABORATORY MAXIMUM DENSITY PER SPECIFIC GRAVITY (GMM) METHOD
 - SUBGRADE**
FLOWABLE FILL OVER SUBGRADE COMPACTED TO 98% OF MAXIMUM DENSITY PER ASTM D1557 / AASHTO T-180

FDOT FLEXIBLE PAVEMENT SECTION
N.T.S.

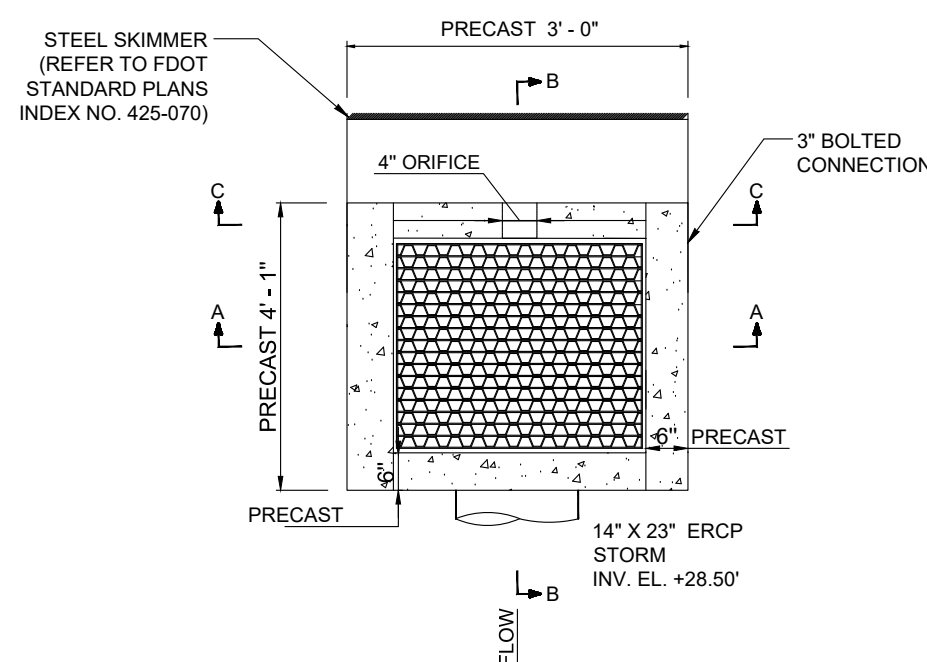


- NOTE:
THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT AND BASE WILL BE CONNECTED TO EXISTING.

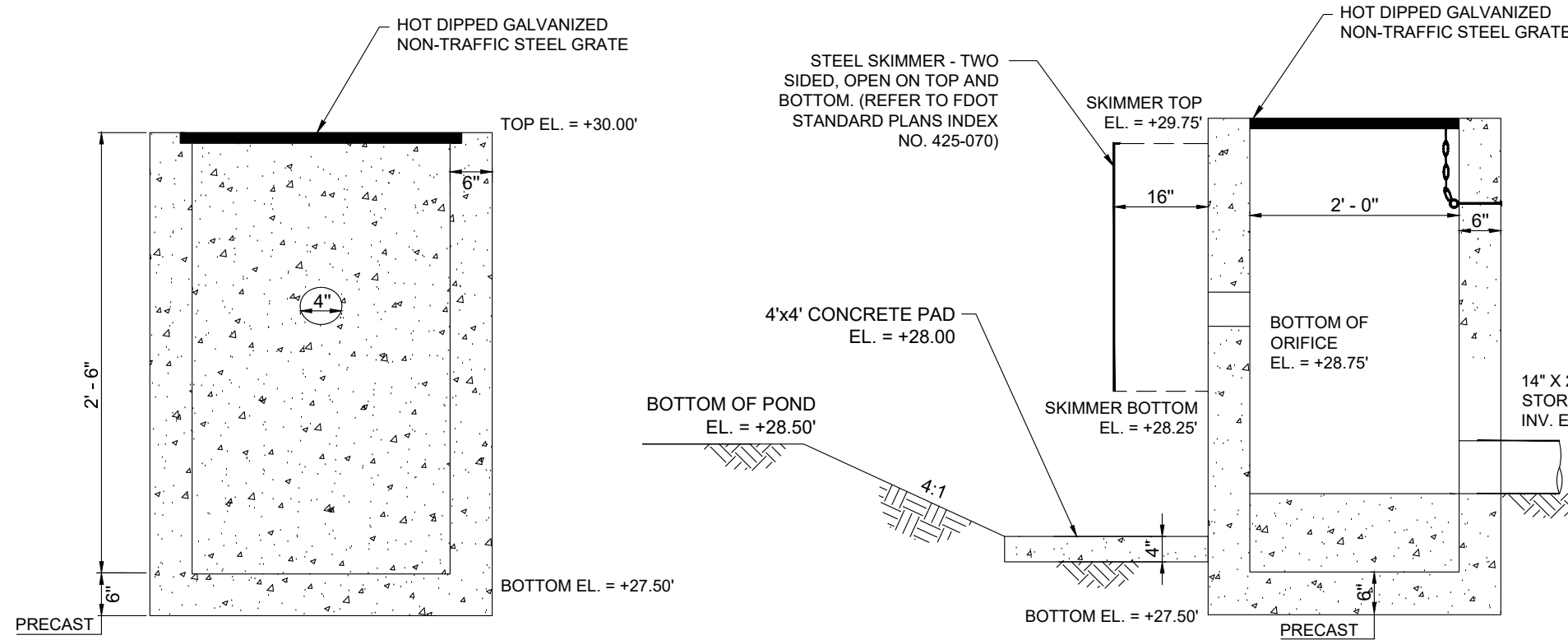
ASPHALT PAVEMENT CONNECTION TO EXISTING PAVEMENT
N.T.S.



ISOMETRIC VIEW
N.T.S.
OCS-1 CONTROL STRUCTURE
(REFER TO FDOT STANDARD PLANS INDEX NO. 425-052)

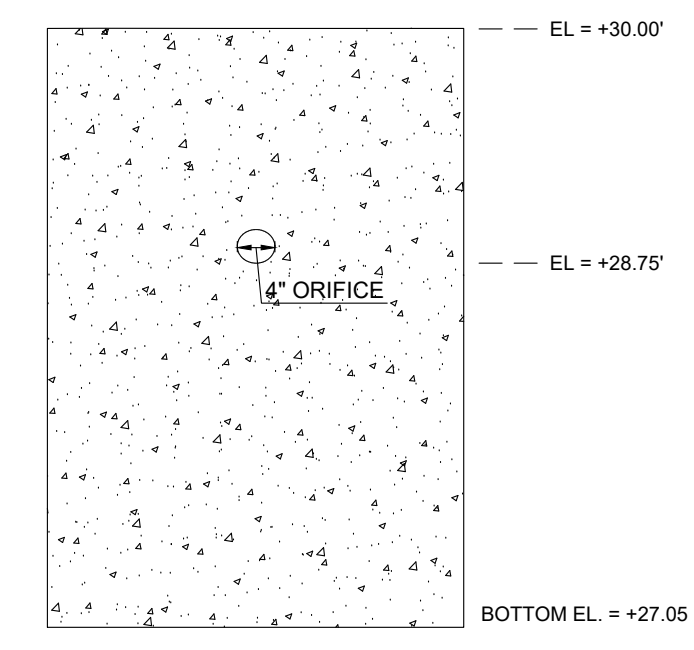


TOP VIEW
N.T.S.
OCS-1 CONTROL STRUCTURE
(REFER TO FDOT STANDARD PLANS INDEX NO. 425-052)



SECTION A-A
N.T.S.
OCS-1 CONTROL STRUCTURE
(REFER TO FDOT STANDARD PLANS INDEX NO. 425-052)

SECTION B-B
N.T.S.
OCS-1 CONTROL STRUCTURE
(REFER TO FDOT STANDARD PLANS INDEX NO. 425-052)



SECTION C-C
N.T.S.
OCS-1 CONTROL STRUCTURE
(REFER TO FDOT STANDARD PLANS INDEX NO. 425-052)

Hubert Avenue Park & Right-Of-Way Improvements

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Seal

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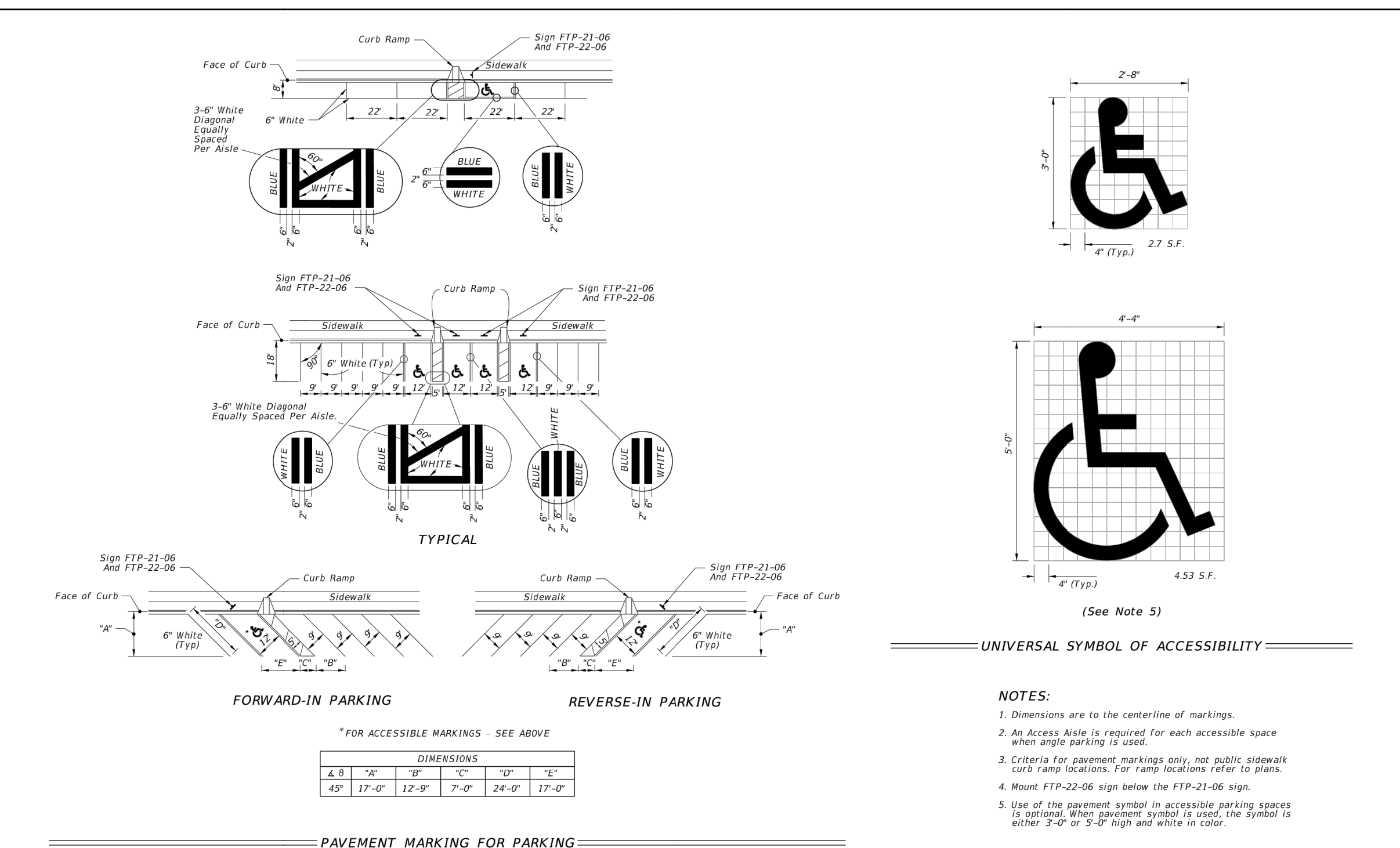


| REV | DATE | DESCRIPTION |
|-------------|--------------|-------------|
| Date: | May 15, 2026 | |
| Job No.: | 8702 | |
| Drawn By: | RT | |
| Checked By: | JRP | |

Sheet Title
CIVIL DETAILS

Sheet No.

C-7.1



*FOR ACCESSIBLE MARKINGS - SEE ABOVE

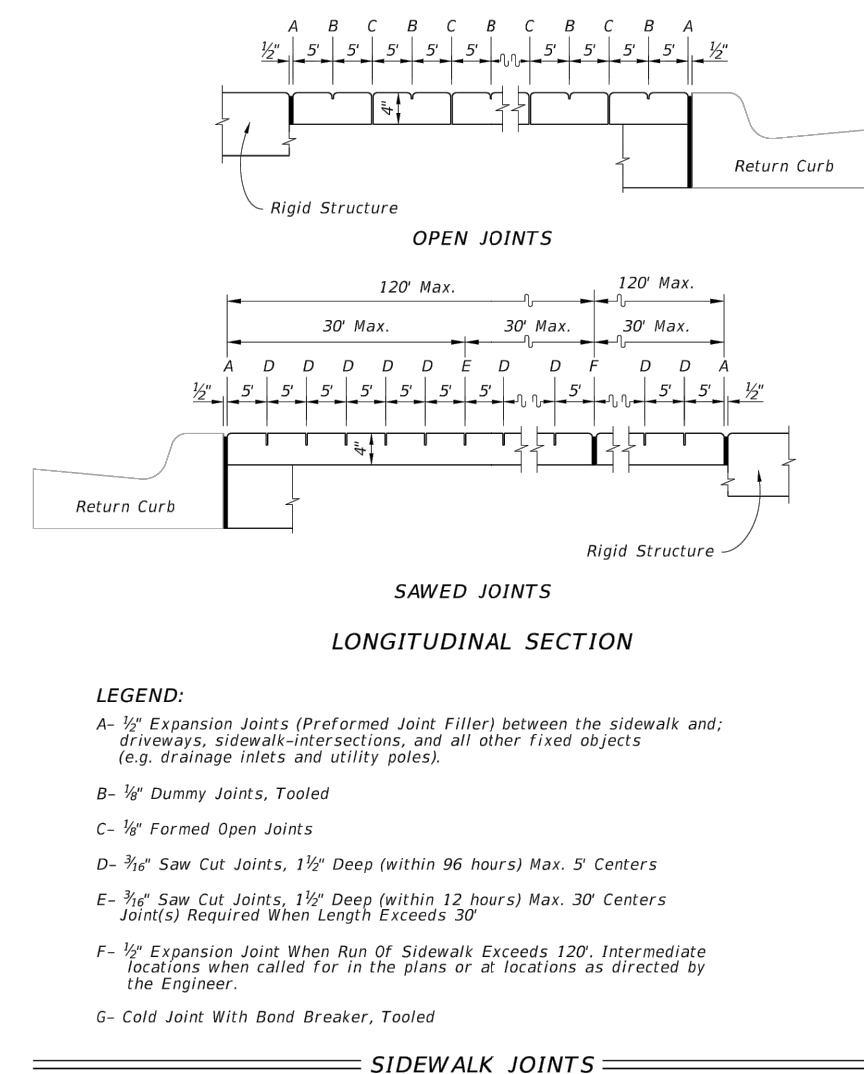
| DIMENSIONS | 10' | 10' | 10' |
|------------|--------|--------|-------|
| 4.0 | 16" | 12" | 12" |
| 4.0 | 17'-0" | 12'-0" | 7'-0" |
| | 24'-0" | 17'-0" | |

- NOTES:
- Dimensions are to the centerline of markings.
 - An Access Aisle is required for each accessible space when angle parking is used.
 - Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
 - Mount FTP-22-06 sign below the FTP-21-06 sign.
 - Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 3'-0" high and white in color.

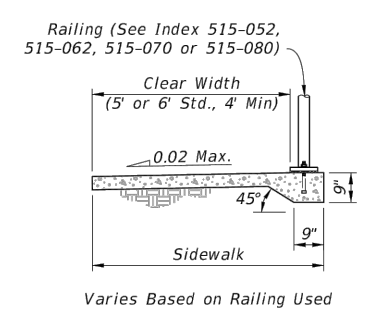
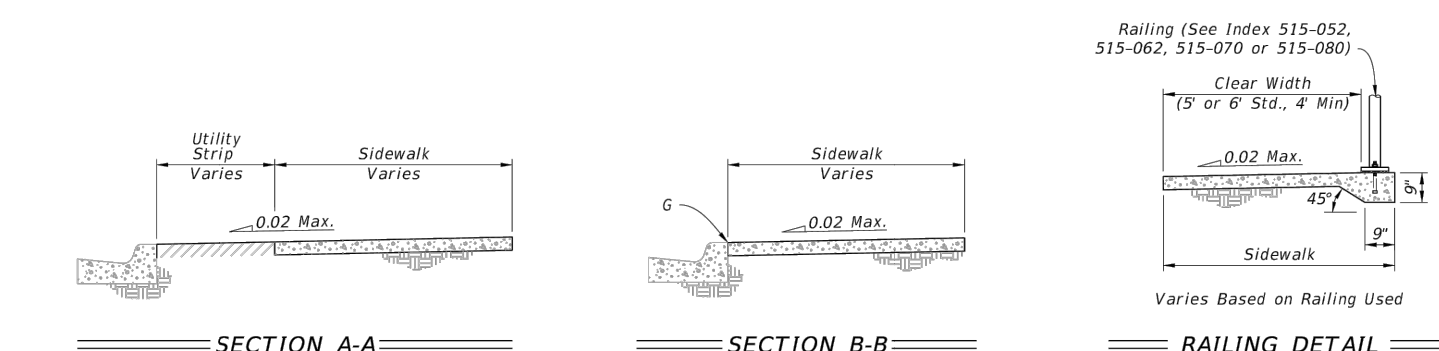
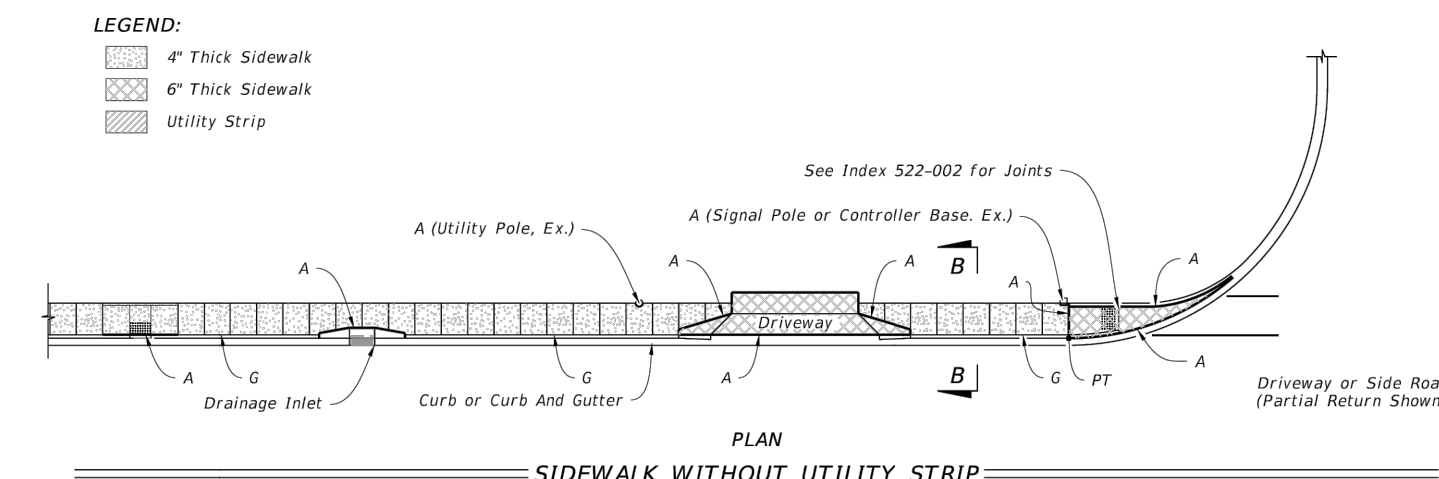
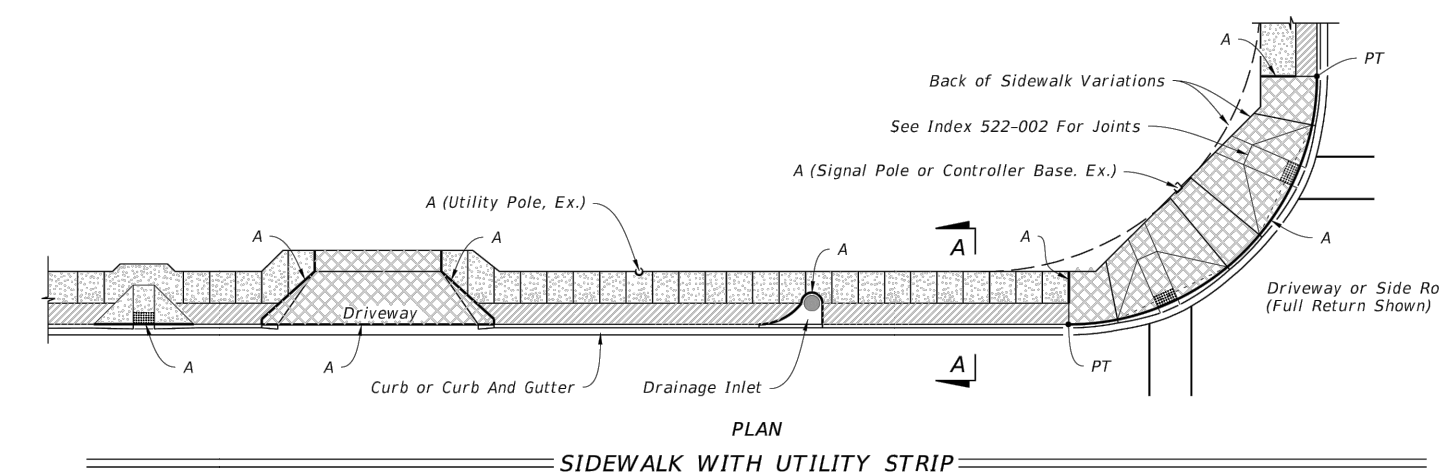
UNIVERSAL SYMBOL OF ACCESSIBILITY

GENERAL NOTES:

- Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan Views). Install all other concrete with thickness as shown, unless otherwise detailed in the Plans.
- Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
- For Driveways see Index 522-003.
- Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than 1/2".
- Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Guardrail shown in the plans. (See RAILING DETAIL)



- LEGEND:
- A- 1/2" Expansion Joints (Preformed Joint Filler) between the sidewalk and driveways, sidewalk-intersections, and all other fixed objects (e.g. drainage inlets and utility poles).
 - B- 1/2" Dummy Joints, Tooled
 - C- 1/2" Formed Open Joints
 - D- 3/4" Saw Cut Joints, 1 1/2" Deep (within 96 hours) Max. 5' Centers
 - E- 3/4" Saw Cut Joints, 1 1/2" Deep (within 12 hours) Max. 30' Centers (Joints) Required When Length Exceeds 30'
 - F- 1/2" Expansion Joint When Run Of Sidewalk Exceeds 120'. Intermediate locations when called for in the plans or at locations as directed by the Engineer.
 - G- Cold Joint With Bond Breaker, Tooled



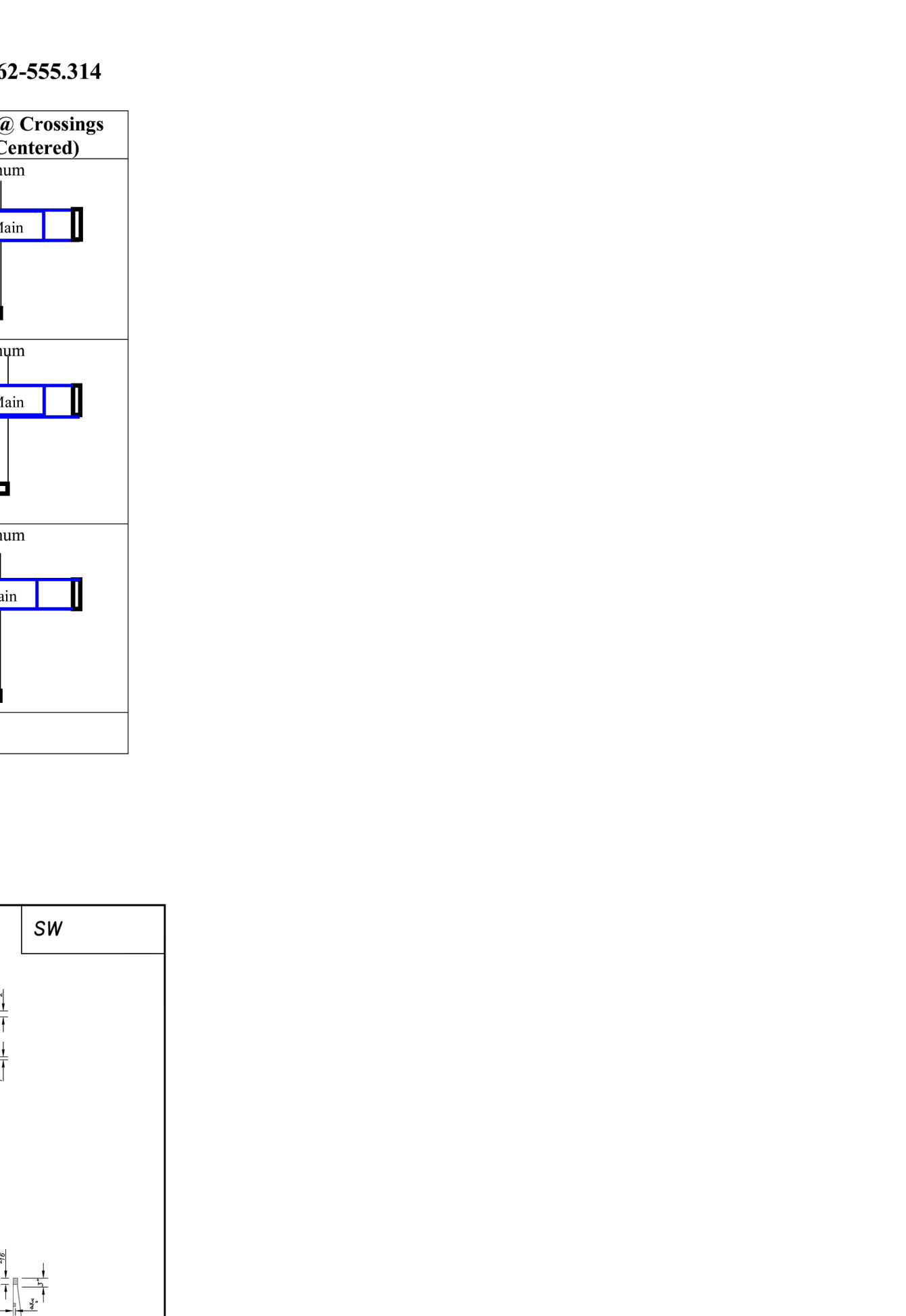
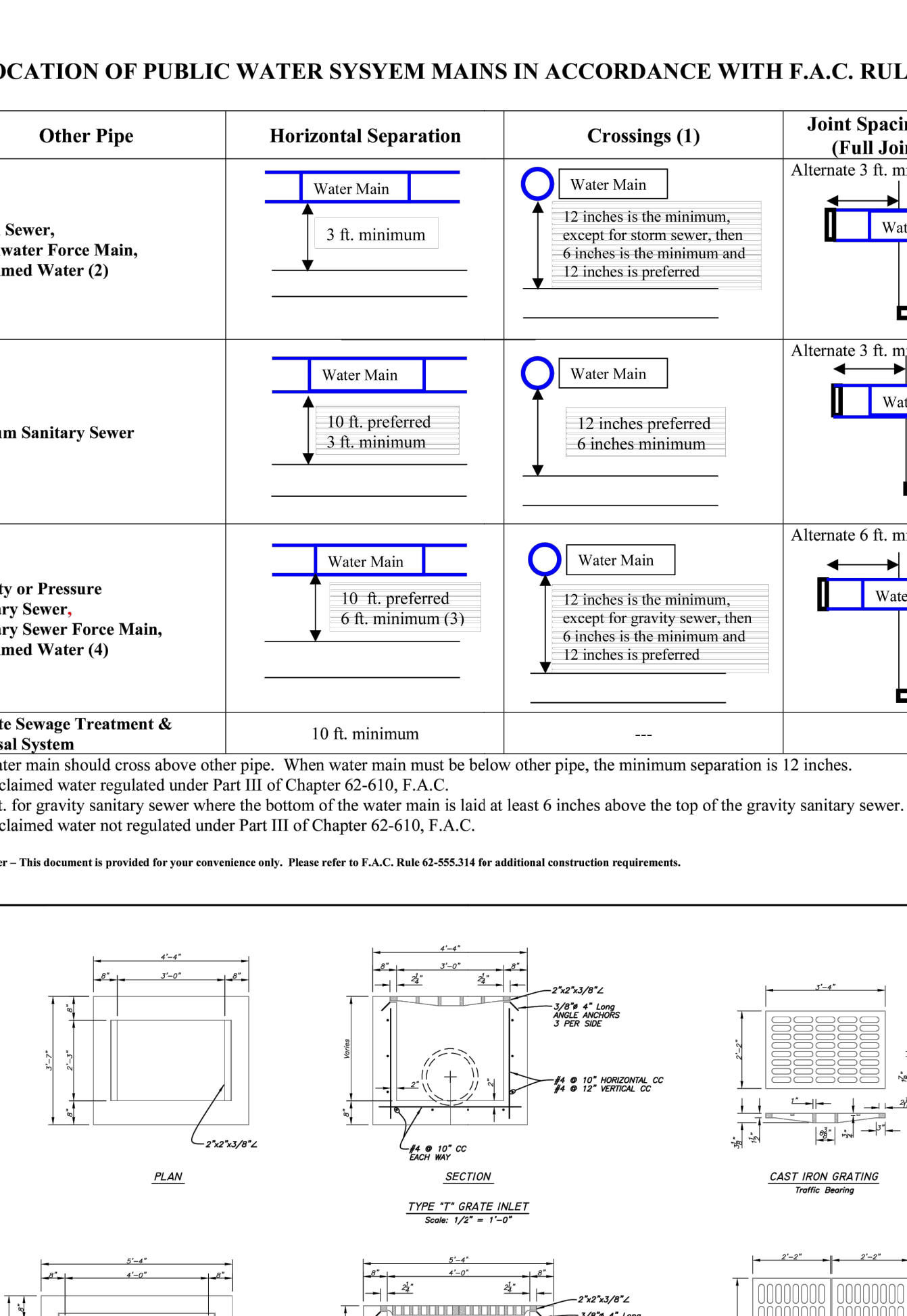
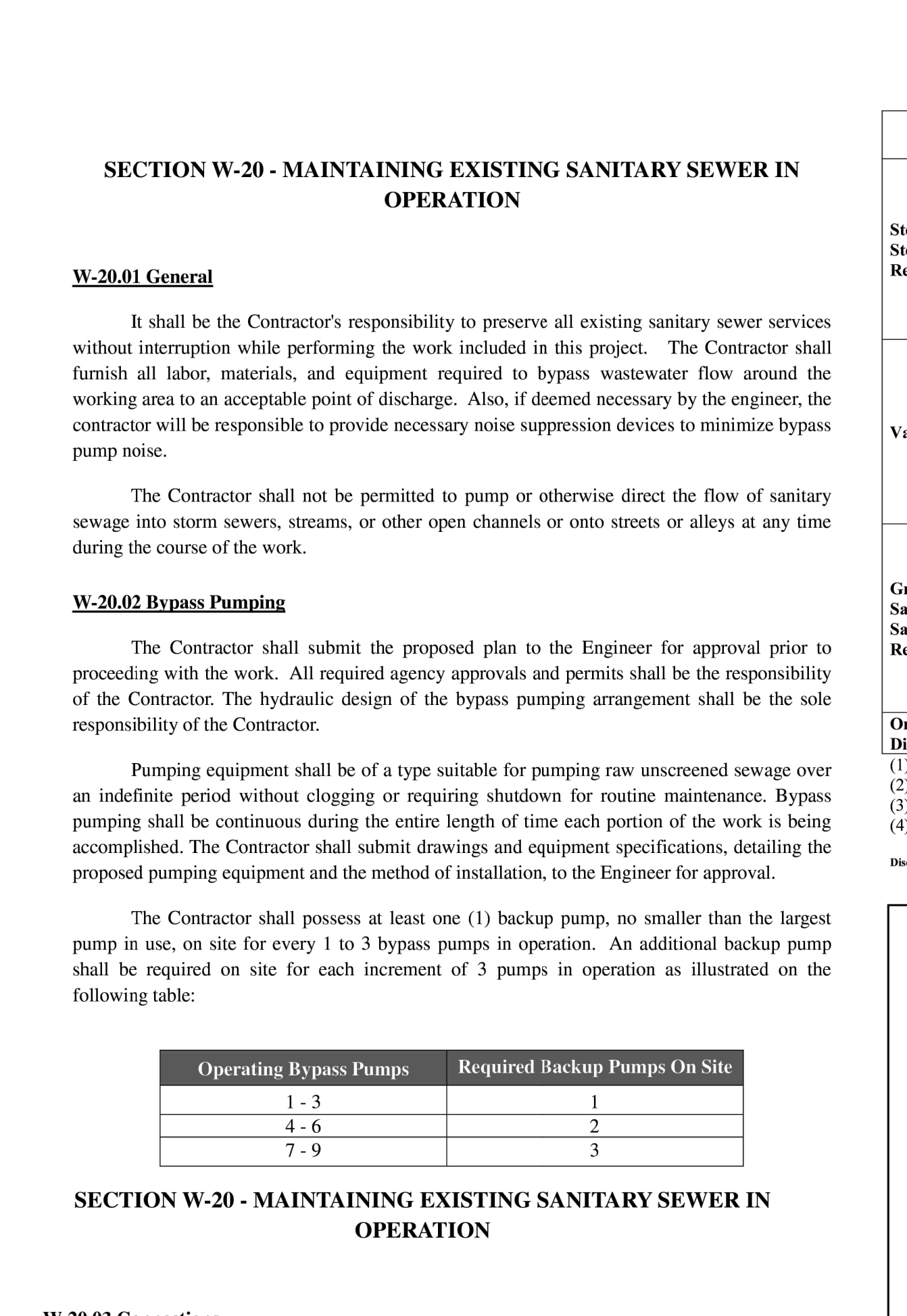
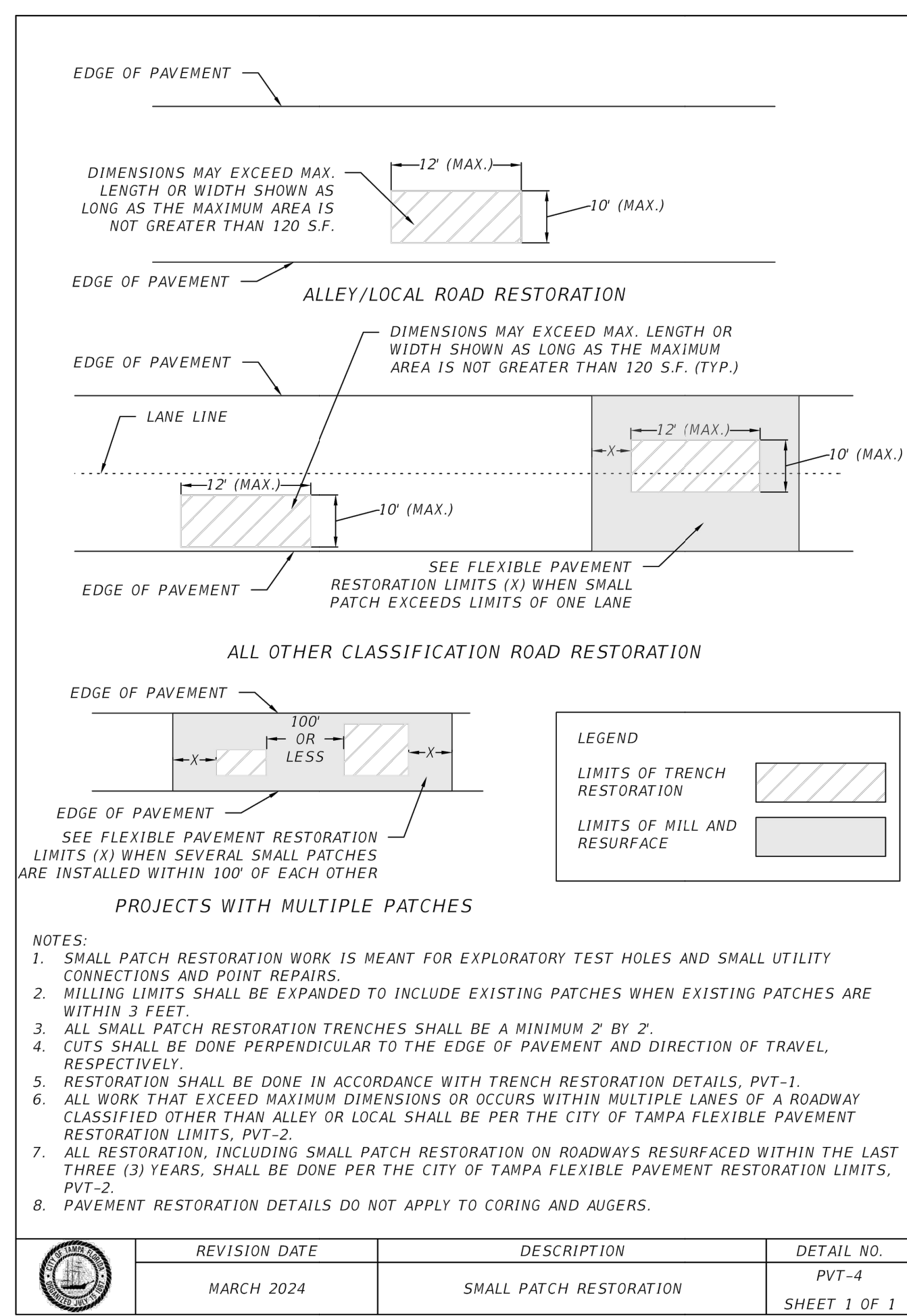
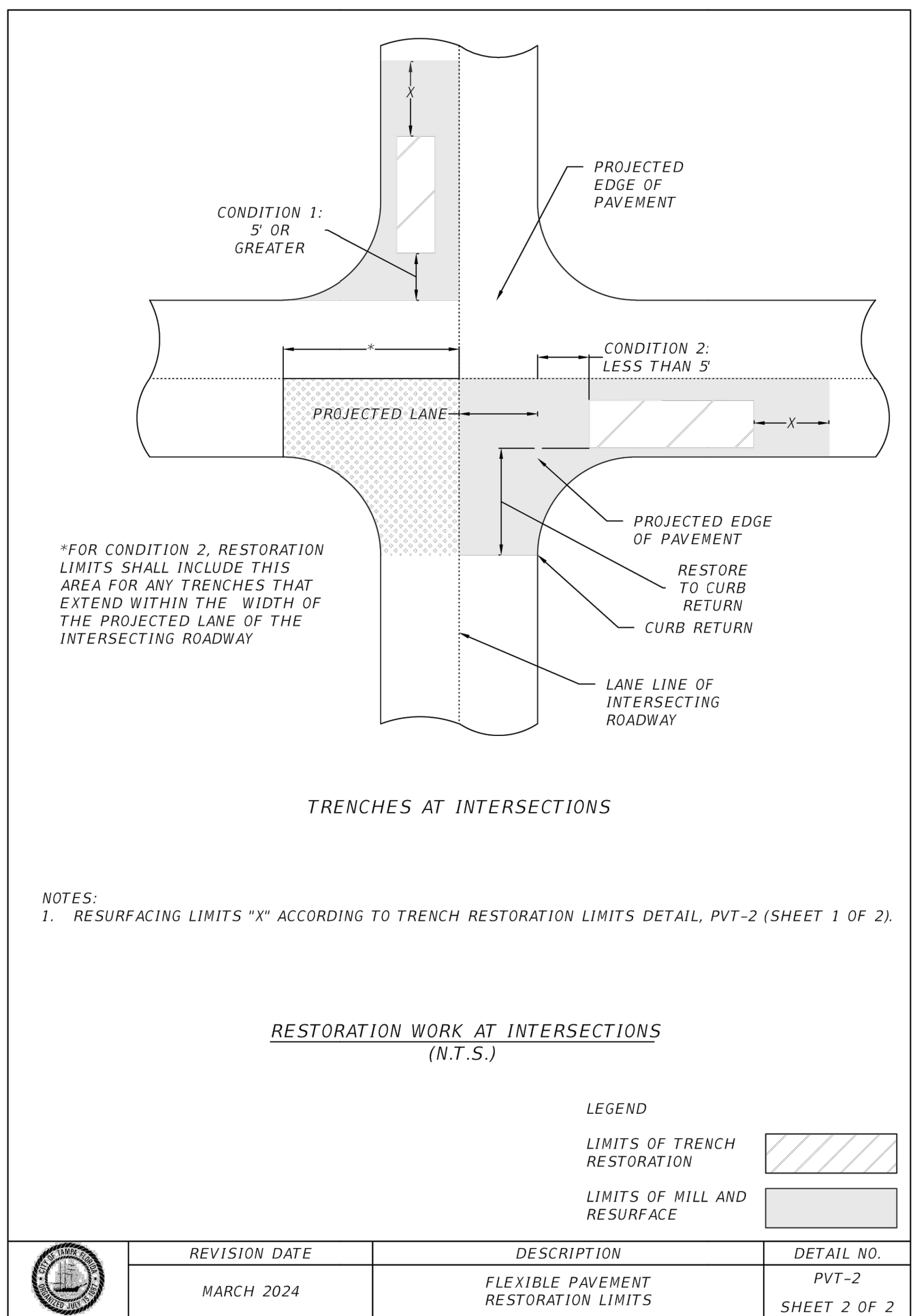
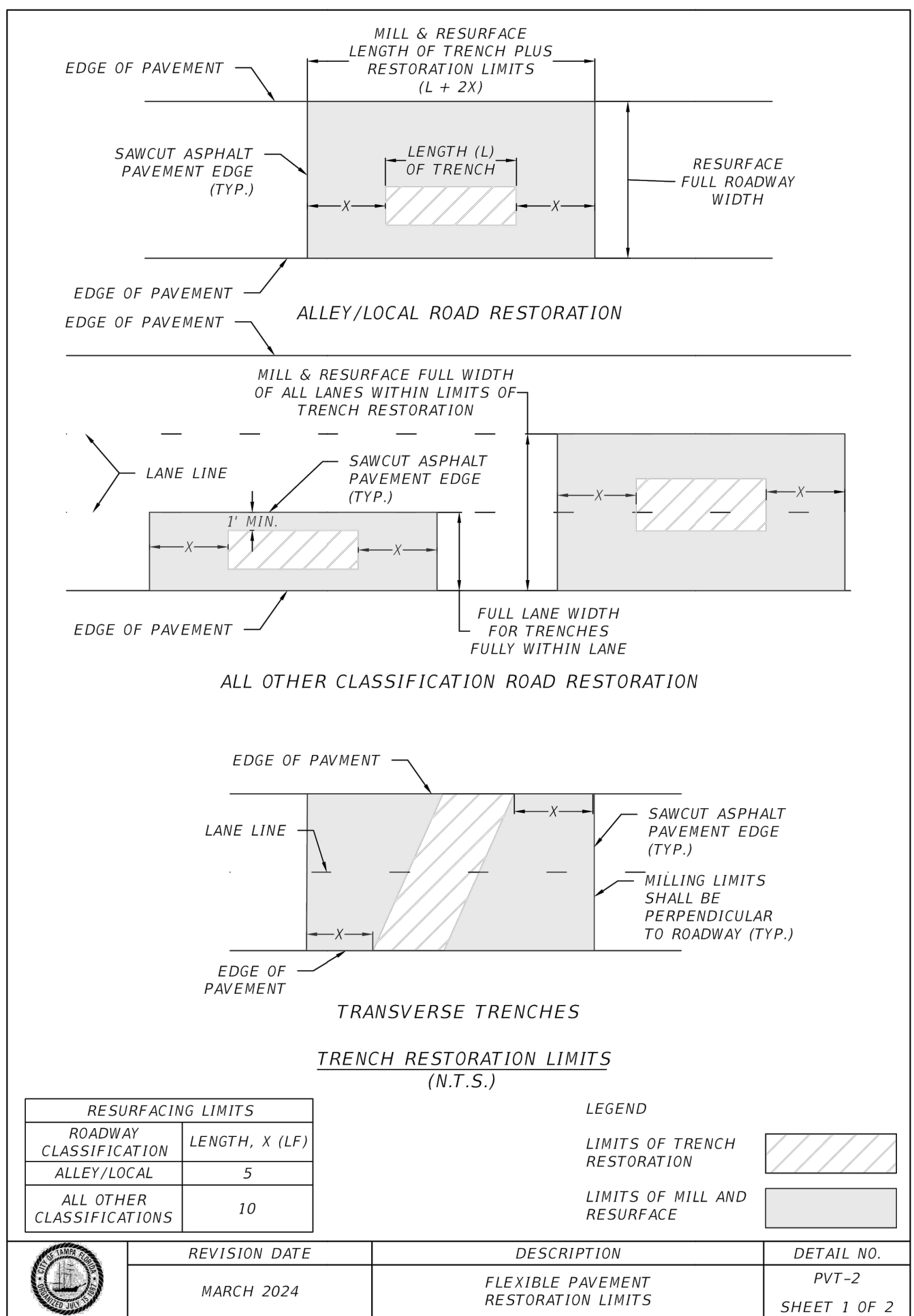
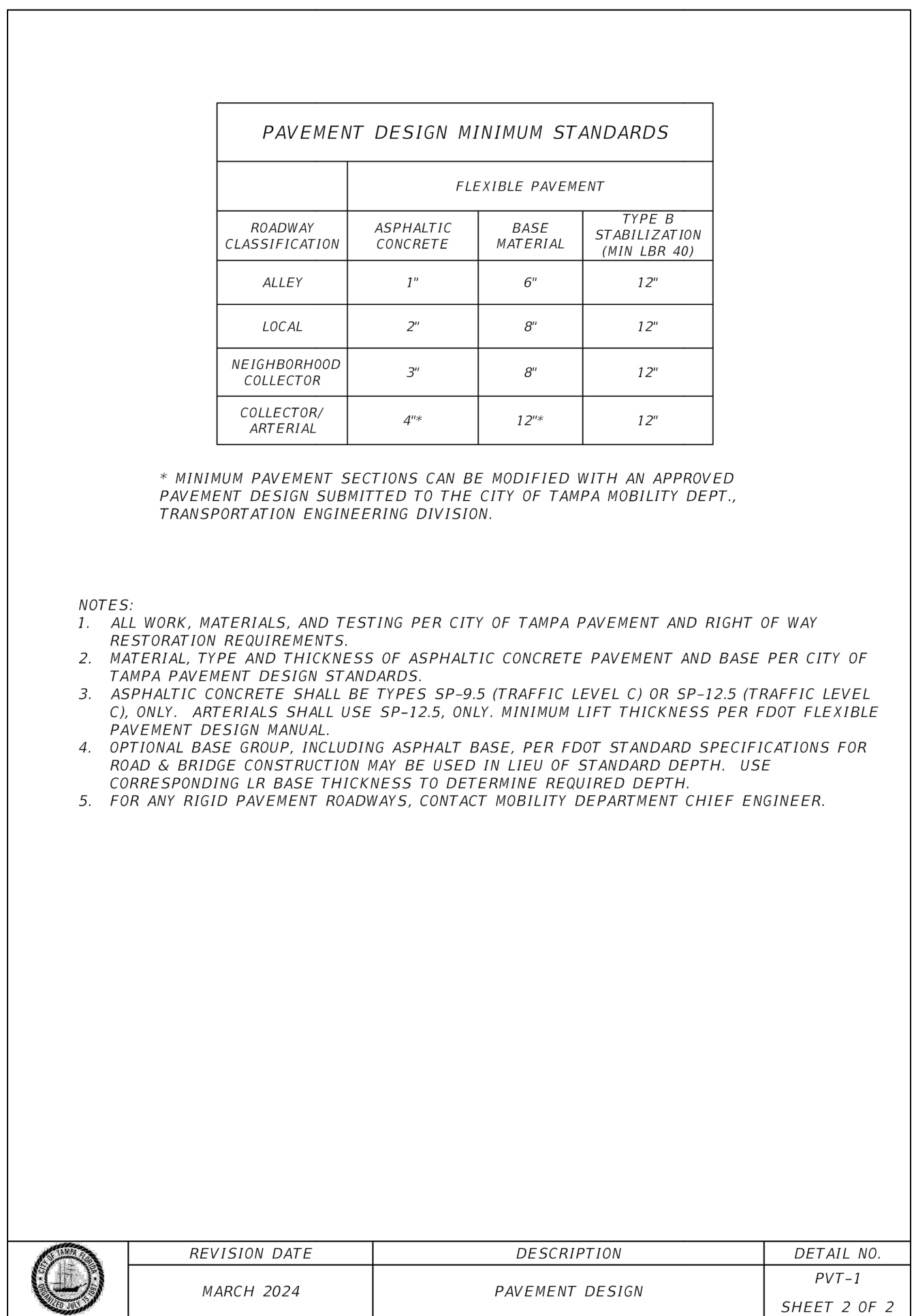
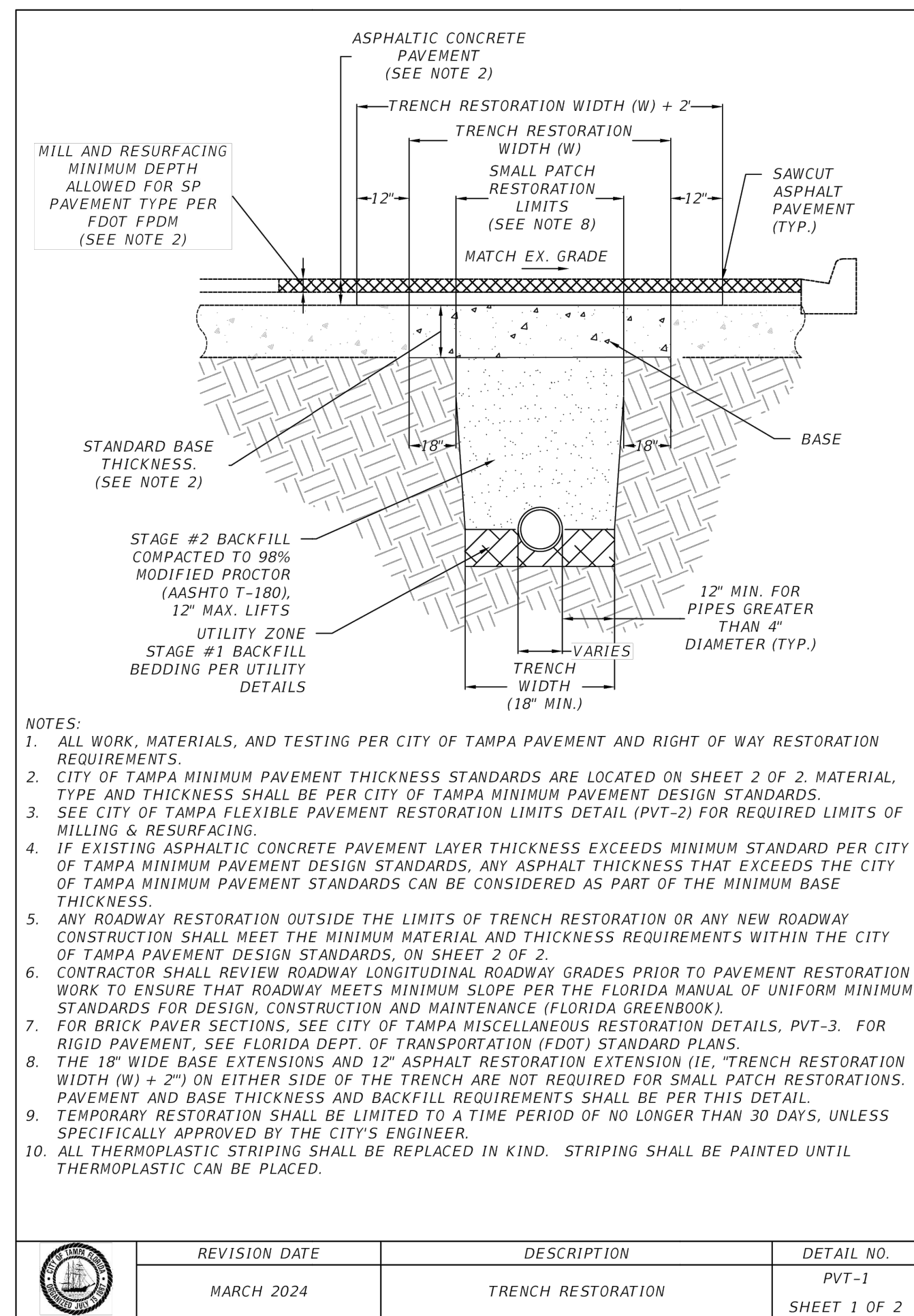
GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS

| LAST REVISION | DESCRIPTION |
|---------------|-------------|
| 11/01/18 | |

CONCRETE SIDEWALK

| INDEX | SHEET |
|---------|--------|
| 522-001 | 1 of 2 |





| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|--------------------|-----------------------|
| MARCH 2024 | TRENCH RESTORATION | PVT-1 SHEET 1 OF 2 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|-----------------|-----------------------|
| MARCH 2024 | PAVEMENT DESIGN | PVT-1 SHEET 2 OF 2 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|--------------------------------------|-----------------------|
| MARCH 2024 | FLEXIBLE PAVEMENT RESTORATION LIMITS | PVT-2 SHEET 1 OF 2 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|--------------------------------------|-----------------------|
| MARCH 2024 | FLEXIBLE PAVEMENT RESTORATION LIMITS | PVT-2 SHEET 2 OF 2 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|-------------------------|-----------------------|
| MARCH 2024 | SMALL PATCH RESTORATION | PVT-4 SHEET 1 OF 1 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|-------------------------|-----------------------|
| MARCH 2024 | SMALL PATCH RESTORATION | PVT-4 SHEET 1 OF 1 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|--------------------------------------|-----------------------|
| MARCH 2024 | FLEXIBLE PAVEMENT RESTORATION LIMITS | PVT-2 SHEET 1 OF 2 |

| REVISION DATE | DESCRIPTION | DETAIL NO. |
|---------------|--------------------------------------|-----------------------|
| MARCH 2024 | FLEXIBLE PAVEMENT RESTORATION LIMITS | PVT-2 SHEET 2 OF 2 |

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Hubert Avenue Park & Right-Of-Way Improvements
 4106, 4108, & 4110 N. Hubert Ave + 4115 N. Manhattan
 Tampa, Florida

Seal

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 FL Registration No. Professional Engineer Sign Date
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BID SET

| REV DATE | DESCRIPTION |
|-------------|--------------|
| Date: | May 15, 2026 |
| Job No.: | 8702 |
| Drawn By: | RT |
| Checked By: | JRP |

Sheet Title
CIVIL DETAILS

Sheet No.
C-7.2



| NO. | DATE | REVISION | BY | CHKD. | APP'D. |
|-----|------|----------|----|-------|--------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |

DES: EMM
 DWN: EMM
 CDD: JRP
 DATE: 2/15/24

CITY OF TAMPA
 Mobility Department
 Stormwater Engineering Division

STANDARD INLET DETAILS
 TYPE 'T' & 'E' GRATE INLET

24