

SECTION 1: GENERAL NOTES

1. APPLICABLE CODES

- A. ALL CONSTRUCTION WITHIN THE LIMITS OF PUBLIC RIGHTS OF WAY THAT FALLS UNDER THE CITY OF POMPAÑO BEACH JURISDICTION SHALL CONFORM TO THE CITY OF POMPAÑO BEACH STANDARDS, LATEST EDITION.
- B. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SHALL BE STRICTLY OBSERVED.
- C. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. PRE-CONSTRUCTION RESPONSIBILITY

- A. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE CITY OF POMPAÑO BEACH, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.
- B. THE CONTRACTOR SHALL OBTAIN A "SUNSHINE ONE CALL" CERTIFICATION NUMBER AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION.
- C. ALL APPLICABLE PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- D. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH THE CONTRACTOR FAILS TO REQUEST LOCATIONS FROM SUNSHINE ONE CALL. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- F. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, WHO WILL IN TURN NOTIFY THE APPROPRIATE UTILITY OWNER.
- G. THE CONTRACTOR WILL VERIFY THE RESTRAINT OF EXISTING UTILITY LINES, AND SHALL RESTRAIN AS NECESSARY TO PREVENT BLOWOUTS, PRIOR TO CONNECTING TO EXISTING UTILITIES.

3. INSPECTIONS

THE CONTRACTOR SHALL NOTIFY THE CITY OF POMPAÑO BEACH AND THE ENGINEER OF RECORD AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE.

- A. STORM DRAINAGE
- B. SUBGRADE: SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK
- C. LIMEROCK BASE: SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT
- D. ASPHALTIC CONCRETE
- E. CLEARING AND FILLING
- F. FINAL CLOSEOUT
- G. SHOP DRAWINGS
 - a. PRIOR TO ISSUANCE OF A CONSTRUCTION PERMIT, CONTRACTOR REVIEWED AND APPROVED SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD AND THE CITY OF POMPAÑO BEACH FOR DRAINAGE PIPING, DRAINAGE ACCESSORIES, CONCRETE MIX DESIGN, AND ASPHALT MIX DESIGN.
 - b. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.
 - c. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVAL, IF REQUIRED.

4. CONSTRUCTION RESPONSIBILITIES

- A. GENERAL
 - a. THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN.
 - b. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER, WATER COURSES, GRAVITY SEWER, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
 - c. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED AS REQUIRED BY LOCAL DRAINAGE DISTRICT AND THE CITY OF POMPAÑO BEACH.
- B. TEMPORARY UTILITIES
 - a. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO CONTRACTOR'S EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
 - b. CONTRACTOR SHALL OBTAIN CONSTRUCTION METER FOR ALL WATER USED ON JOB. ALL WATER USED FOR CLEANING, TESTING, ETC. WILL BE PAID FOR BY THE CONTRACTOR. IF WATER USAGE CANNOT BE METERED THEN THE QUANTITY OF WATER SHALL BE CALCULATED.
- C. TRAFFIC REGULATION
 - a. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. AND THE CITY OF POMPAÑO BEACH.
 - b. ALL OPEN TRENCHES AND/OR EXCAVATIONS ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE MARKED AND BARRICADED TO ENSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
 - c. NO TRENCHES OR EXCAVATIONS NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY OF POMPAÑO BEACH.
- D. TRENCH SAFETY
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TRENCH SAFETY SYSTEMS, SUCH AS SHEETING AND BRACING, IN ACCORDANCE WITH STATE, LOCAL AND OSHA REGULATIONS.
- E. CONFINED SPACE SAFETY
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A CONFINED SPACE ENTRY SAFETY SYSTEM IN ACCORDANCE WITH STATE, LOCAL AND/OR OSHA REGULATIONS.

5. PROJECT CLOSEOUT

- A. CLEANING UP
 - THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER OF RECORD OR THE CITY OF POMPAÑO BEACH, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY CONTRACTOR'S WORK, EQUIPMENT, EMPLOYEES OR THOSE OF CONTRACTOR'S SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED, ALL NECESSARY HIGHWAY OR DRIVEWAY, SIDEWALK AND LANDSCAPING WORK, SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
- B. PROJECT RECORD DOCUMENTS
 - a. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF ALL WORK ITEMS COMPLETED.
 - b. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER OF RECORD SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER OF RECORD THAT THE INFORMATION PROVIDED A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
 - c. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF "AS-BUILT" CONSTRUCTION DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED BY THE CONTRACTOR.
 - d. ALL "AS-BUILT" INFORMATION ON ELEVATIONS OF SANITARY SEWAGE, PAVING, DRAINAGE AND UTILITY EASEMENT SHALL BE CERTIFIED BY A REGISTERED SURVEYOR AND MAPPER.
 - e. "AS-BUILT" INFORMATION ON THE UTILITY SYSTEM SHALL INCLUDE, BUT IS NOT LIMITED TO LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, WATER AND SEWER SERVICES, TAP AND END, ANY PIPE DEFLECTIONS AND TOP-OF-PIPE ELEVATION ON 100-FOOT INTERVALS AT A MINIMUM.
 - f. PRIOR TO A FINAL INSPECTION BY THE CITY OF POMPAÑO BEACH, THE CONTRACTOR SHALL SUBMIT TWO (2) SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS
 - g. UPON A FINAL INSPECTION BY THE CITY OF POMPAÑO BEACH, THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS THAT HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR AND MAPPER AND THE ENGINEER OF RECORD. AN ELECTRONIC DRAWING FILE IN AUTOCAD FORMAT SHALL BE SUBMITTED TO THE CITY OF POMPAÑO BEACH. THE ELECTRONIC DRAWINGS WILL BE TO SCALE AND SET IN STATE PLANE COORDINATE SYSTEM, NAVD 88 (FEET).
- C. MONUMENTS
 - ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- D. UNPAVED SURFACES
 - ALL UNPAVED SURFACES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
- E. WALK THROUGH INSPECTION
 - THE CONTRACTOR SHALL CONDUCT A WALK THROUGH INSPECTION WITH THE UTILITY OWNER. THE CONTRACTOR SHALL HAVE PERSONNEL AND EQUIPMENT AVAILABLE TO OPERATE ALL VALVES, FIRE HYDRANTS AND OPENING OF MANHOLES FOR INSPECTION.

SECTION 2: EARTHWORK AND COMPACTION NOTES:

1. GENERAL:

- A. QUALITY, CONTROL TESTING FOR STABILIZATION, BASE, PAVEMENT, COMPACTION, AND MATERIALS SHALL

- BE IN ACCORDANCE WITH FLORIDA D.O.T. REQUIREMENTS, AND SHALL BE ARRANGED FOR AND PAID FOR BY THE CONTRACTOR, COPIES OF ALL TEST REPORTS SHALL BE PROVIDED TO THE ENGINEER OF RECORD AS THEY ARE RECEIVED.
- B. EXISTING ON-SITE BASE MATERIAL SHALL NOT BE REUSED FOR BASE CONSTRUCTION, BUT MAY BE USED FOR BACKFILL AROUND UTILITY AND DRAINAGE LINES, AND FOR SUBGRADE CONSTRUCTION, AND FOR GENERAL FILL IF NECESSARY.
- C. ALL SUBGRADE UNDER PAVED AREAS SHALL HAVE A MINIMUM L.B.R. VALUE OF 40 AND SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- D. ALL SUBGRADE UNDER SIDEWALK AREAS SHALL HAVE A MINIMUM OF 6" COMPACTED SUBGRADE TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- E. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- F. A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
- G. SOD SHALL BE ST. AUGUSTINE, BITTER BLUE OR FLORATAM AND SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO ENSURE SATISFACTORY CONDITION UPON FINAL ACCEPTANCE OF THE PROJECT.
- H. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS OR LAKES, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED.
- I. NO MUCK BLANKET IS TO BE PLACED ON THE BOTTOM OF RETENTION AREAS OR SWALES.

2. ON-SITE

- A. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL WITHIN THREE (3) FEET OF FINISHED GRADE AREAS TO BE PAVED SHALL BE REMOVED.
- B. SUITABLE BACKFILL SHALL BE MINIMUM L.B.R. 40 MATERIAL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C FOR THREE (3) FEET BEYOND THE PERIMETER OF THE PAVING.
- C. EROSION CONTROL SHALL BE PROVIDED BY THE CONTRACTOR PER DETAILS ON THE PLANS.

SECTION 3: STORM DRAINAGE NOTES:

1. GENERAL:

- A. EXISTING STORM DRAINAGE GRATES, FRAMES, MANHOLE COVERS, AND RINGS THAT ARE TO BE REMOVED OR ADJUSTED, MAY BE REUSED ON THE SITE.
- B. THE EXISTING DRAINAGE SYSTEM SHALL BE CLEANED AND/OR GRADED TO ENSURE PROPER FLOW FUNCTION.
- C. THE CONTRACTOR SHALL INSTALL FILTER FABRIC AT ALL CATCH BASIN GRATES UNTIL FINAL ACCEPTANCE OF THE STORM DRAINAGE SYSTEM.

2. CONTRACTOR MAY UTILIZE ONE OF THE FOLLOWING MATERIALS, UNLESS OTHERWISE NOTED ON THE PLANS.

- A. HIGH DENSITY POLYETHYLENE PIPE (H.D.P.E.)
 - a. PIPE SHALL BE CORRUGATED SMOOTH BORE POLYETHYLENE PIPE (N-12 PRO LINK ULTRA) OR APPROVED EQUAL, MANUFACTURED IN CONFORMANCE WITH ASTM M294.
 - b. PIPE SHALL HAVE BUILT-IN BELL JOINT WITH RUBBER GASKET IN CONFORMANCE WITH ASTM F477.
 - c. PIPE COUPLING BANDS IF NEEDED SHALL BE SPLIT/SPLIT PREMIUM REQUIRING MAXIMUM PULL-APART RESISTANCE
- B. POLYVINYL CHLORIDE PIPE (P.V.C.)
 - a. PLASTIC PIPE SHALL CONFORM WITH ASTM D 3034, TYPE PSM, POLYVINYL CHLORIDE (PVC) MATERIAL; BELL AND SPIGOT STYLE SOLVENT SEALED EN JOINTS.
- C. ALUMINUM PIPE (C.A.P.)
 - a. ALUMINUM PIPE SHALL CONFORM TO AASHTO M196 FOR CIRCULAR CORRUGATED PIPE OF AASHTO M211 FOR HELICALLY CORRUGATED PIPE, AND SECTION 945, AS PER FDOT STANDARD SPECIFICATIONS.
 - b. MAKE FIELD JOINTS IN (CAP) WITH BANDS FABRICATED OF THE SAME ALLOY AS THE CULVERT PIPE AND CONFORMING TO THE REQUIREMENTS OF AASHTO M196.
 - c. GASKET THE BANDED JOINTS WITH A NEOPRENE GASKET OF THE DESIGN INDICATED TO SECURE A SOIL-TIGHT OR WATERTIGHT JOINT.
- D. REINFORCED CONCRETE PIPE (R.C.P.)
 - a. CONCRETE PIPE FOR STORM SEWERS SHALL CONFORM TO ASTM C 76, CLASS III WITH WALL TYPE A; BAR REINFORCEMENT.
 - b. ALL REINFORCEMENT CONCRETE PIPES SHALL HAVE BELL AND SPIGOT END JOINTS, AS MODIFIED BY SECTION 941, FOOT STANDARD SPECIFICATIONS.
 - c. ALL REINFORCEMENT CONCRETE PIPES SHALL HAVE RUBBER COMPRESSION GASKET JOINTS, AS PER ASTM C443, UNLESS OTHERWISE SPECIFIED.

3. MISCELLANEOUS

- A. BEDDING AND INITIAL BACKFILL OVER DRAINAGE PIPES (EXCEPT FRENCH DRAINS) SHALL BE SAND WITH NO ROCKS LARGER THAN 2" DIAMETER.
- B. BACKFILL MATERIAL UNDER PAVED AREAS SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- C. BACKFILL MATERIAL UNDER AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- D. CATCH BASINS SHALL BE PRECAST MINIMUM 3000 PSI CONCRETE WITH REINFORCED STEEL PER ASTM A615.

4. INSTALLATION

- A. PIPE SHALL BE PLACED ON STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO UNIFORM GRADE AND LINE.
- B. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL WELL TAMPED AND PLACED IN 6 INCH (MAXIMUM) LAYERS.
- C. PROVIDE A MINIMUM COVER OF 24 INCHES OVER STORM DRAINAGE. CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION SHALL NOT BE ALLOWED WITH LESS THAN 24 INCHES OF COVER.
- D. THE CONTRACTOR SHALL NOTIFY THE LOCAL WATER MANAGEMENT DISTRICT AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.
- E. ALL DRAINAGE SYSTEMS SHALL BE PUMPED COMPLETELY DRY AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTION.

5. STORM DRAINAGE PRE-TREATMENT/EXFILTRATION SYSTEM

- A. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD. ANY IMPERMEABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE DRAIN FIELD SHALL BE REMOVED AS DIRECTED BY THE ENGINEER OF RECORD.
- B. THE TRENCH LINER SHALL BE TYPE D-3 PER F.D.O.T. INDEX 199, OR APPROVED EQUAL. IT SHALL BE USED ON THE SIDES AND TOP OF DRAIN FIELD TRENCH. THE TOP SECTION OF THE MATERIAL SHALL BE OVERLAPPED A MINIMUM OF 24 INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID BUNCHING OF THE FABRIC.
- C. PERFORATED PIPE WITHIN THE DRAIN FIELD SHALL HAVE 3/8 INCH PERFORATIONS 360° AROUND THE PIPE WITH APPROXIMATELY 120 PERFORATIONS PER FOOT.
- D. PERFORATED PIPE SHALL TERMINATE FIVE (5) FEET FROM THE DRAINAGE STRUCTURE. THE REMAINING FIVE (5) FEET SHALL BE NON-PERFORATED PIPE.
- E. PIPES SHALL TERMINATE TWO (2) FEET FROM THE END OF THE TRENCH OR CONNECT TO ADDITIONAL CATCH BASINS.

SECTION 4: PAVING NOTES

1. GENERAL

- A. ALL UNDERGROUND FACILITIES, INCLUDING WATER, SEWER, STORM DRAINAGE, SLEEVES FOR PUBLIC UTILITIES, AND IRRIGATION LINES SHALL BE INSTALLED PRIOR TO COMPACTION OF ROAD SUBGRADE AND INSTALLATION OF BASE MATERIAL.
- B. ALL EXISTING PAVEMENT CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTORS EXPENSE.
- C. WHERE PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE STRAIGHT EDGE SAW CUT.
- D. EXISTING ASPHALT PAVEMENT THAT IS TO BE REMOVED SHALL BE TRUCKED OFF SITE BY THE CONTRACTOR FOR DISPOSAL AT AN APPROVED LOCATION OR MILLED AND COMBINED WITH THE SUBGRADE TO IMPROVE THE LBR.

2. MATERIALS

- A. BASE COURSE SHALL BE CRUSHED LIMEROCK MIAMI OOLITE WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM (60% FOR LOCAL STREETS AND PARKING AREAS) AND A MINIMUM LIMEROCK BEARING RATIO 100.
- B. ALL LIMEROCK BASE UNDER PAVED AREAS SHALL HAVE A MINIMUM L.B.R. VALUE OF 100, AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- C. PRIME COAT AND TACK COAT SHALL MEET F.D.O.T. STANDARDS.
- D. SURFACE COURSE SHALL BE EQUAL TO F.D.O.T. TYPE SP-12.5 ASPHALT.
- E. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6"x6" No. 10 GAUGE WELDED WIRE MESH, OR AS SHOWN ON THE PLANS.

3. INSTALLATION

- A. LIMEROCK BASE MATERIAL SHALL BE IN THE COMPACTION THICKNESS SHOWN ON THE PLANS AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- B. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6 INCH LIFTS. BASES GREATER THAN 6 INCH SHALL BE PLACED IN TWO OR MORE EQUAL LIFTS.
- C. ASPHALTIC CONCRETE PAVEMENT SHALL BE IN THE THICKNESS SHOWN ON THE PLANS.

- D. PRIME COAT SHALL BE PLACED ON ALL LIMEROCK BASES IN ACCORDANCE WITH F.D.O.T. STANDARDS.
- E. TACK COAT SHALL BE PLACED IN BETWEEN ASPHALT LAYERS AS REQUIRED AND IN ACCORDANCE WITH F.D.O.T. STANDARDS.

4. TESTING

- A. ALL SUBGRADE, LIMEROCK AND ASPHALT TESTS REQUIRED SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER OF RECORD AND/OR THE PERMITTING AGENCY.
- B. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLET. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.
- C. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, AND TAKEN AS DIRECTED BY THE ENGINEER OF RECORD AND THE PERMITTING AGENCY.

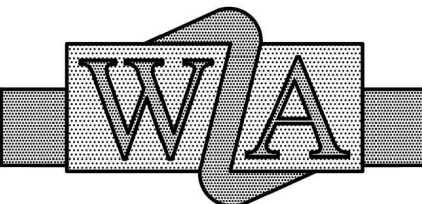
SECTION 5: SIGNING AND MARKING NOTES:

1. GENERAL

- A. ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE CITY OF POMPAÑO BEACH DETAILS, AND THE STANDARD SPECIFICATIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- B. ALL OFF-SITE MARKINGS TO BE THERMOPLASTIC PER FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, AND ALL ON-SITE MARKINGS SHALL BE TRAFFIC PAINT PER THE CITY OF POMPAÑO BEACH DETAILS, UNLESS OTHERWISE NOTED.
- C. INSTALL REFLECTIVE PAVEMENT MARKERS PER F.D.O.T. STANDARDS, OR AS SHOWN ON THE PLANS.
- D. ALL SIGNS SHALL BE HIGH-INTENSITY GRADE REFLECTIVE SHEETING, MOUNTED ON A BREAK AWAY POST ASSEMBLY PER B.C.T.E.D. SPECIFICATIONS.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING WITH THE PROPOSED ROADWAY CONSTRUCTION.
- F. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS AND APPLICABLE TRAFFIC DESIGN STANDARDS.
- G. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT.
- H. SIGN ASSEMBLY LOCATIONS SHOWN IN THE PLANS WHICH ARE IN CONFLICT WITH STREET LIGHTING UTILITIES, DRIVEWAYS, PEDESTRIAN RAMPS ETC. MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER OF RECORD AND/OR APPROVAL AGENCIES' INSPECTOR.



NOEL RODRIGUEZ, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 86390
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY NOEL RODRIGUEZ, PE, ON THE DATE INDICATED HERE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.
Digitally signed by Noel Rodriguez
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THE PROPERTY OF WALTERS ZACKRIA ASSOCIATES, PLLC, AND SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM A PRINCIPAL OF THE FIRM OR BE LIABLE FOR THE FULLEST LEGAL RESCOURSE. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO EXECUTION OF WORK.

CITY OF POMPAÑO BEACH
CHARLOTTE BURRIE COMM. CENTER
PLAZA AND PASSIVE PARK
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GENERAL NOTES

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