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# VILLAGE OF WELLINGTON, **FLORIDA**

# SADDLE TRAIL PARK SOUTH CONSTRUCTION PLANS

WELLINGTON BID NO. 002-15/DZ



### VILLAGE COUNCIL

**BOB MARGOLIS** MAYOR

JOHN GREENE VICE MAYOR

MATT WILLHITE COUNCILMAN

JOHN MCGOVERN COUNCILMAN

ANNE GERWIG COUNCILWOMAN



PROJECT .



SECTION 17, TOWNSHIP 44S, RANGE 41E SADDLE TRAIL PARK SOUTH WELLINGTON, FL 33414

> LOCATION MAP N.T.S.



100% PLANS AUGUST 20, 2015

> NGNEER OF RECORD RIAN J. LAMOTTE, P.E. PE# 41074 August 18, 2015







SOUTH

Palm No. 8

1525.00

REPRODUCTION: ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

- BIT AND CETALS AND SPECIFICATIONS LLL WISK WITHIN ALL SIGNATURE NAV SHALL RE EMPORATION IN ACCORDANCE WITH THE TROOT STANDARD SPECIFICATIONS FOR ROAD AND BROOK CONSTRUCTION. ALL TOTS TOTON, AND FOR DESIGN STANDARDS, LETS'S EXTING ALL CONTRACTOR IS RESPONSIBLE FOR GRIANING COMPLETE COPIES OF THE LATEST EDITION OF FORD TROOTES.
- 3. VERTICAL DATUM ALL ELEVATIONS SHOWN REFER TO N.C.V.D. 29
- BENCHMARK LOCATION AND ELEVATION ARE AS REPRESENTED BY SURVEYOR AT THE TIME OF SURVEY. CONTRACTOR SHALL VERIFY ITS CORRECTIVES AT TIME OF CONSTRUCTION.
- 5. CHANGES ALL CHANGES SHALL BE APPROVED IN WRITING BY THE ENGINEER AND THE VILLAGE OF WELLINGTON PRIOR TO CONSTRUCTION.
- GUARANTEE THE CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR A PERIOD OF ONE YEAR FROM THE DATE OF PROJECT. ACCEPTANCE, DURING WHICH ALL FAULTY CONSTRUCTION AND/OR MATERIAL SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- SHOP DRAWINGS THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL 5 SETS EACH SUBMITTAL.
- 8 MAINTENANCE OF TRAFFIC (M.O.T.) OSHTRACTOR IS RESPONSIBLE FOR FURNISHING PROPER TRAFFIC MAINTENANCE AND CONTROLS IN ACCORDANCE WITH FOOT STANDARD INDEX 600, WHERE A MAINTENANCE OF TRAFFIC PLAN IS REQUIRED, THE CONTRACTOR SHALL PREPARE AND SUBMIT THE PLAN FOR APPROVAL TO THE ENORIES.
- RECORD DATA THE CONTRACTOR SHALL SUBMIT ALL RECORD DATA & PLANS SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORIDA TO THE ENGINEER FOR REVIEW AND APPROVAL.
- 10. RESTORATION THE CONTRACTOR SHALL IMMEDIATELY REPAIR AND RESTORE EDSTING SITE FEATURES NOT LOCATED WITHIN V.O.W. DESTINE STATEMENT OF LOCATED WITHIN V.O.W. DESTINE STATEMENT OF LOCATED LOCATED
- 11, UTILITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXISTING UTILITIES WHETHER SHOWN IN THE PLANS ON NOT. AT LEAST TWO DAYS STATE ONE-CALL NOTIFY EACH UTILITY COMPARY, AND VERBY THE LOCATION OF ALL UTILITIES, ANY DISCREPANCES SHALL BE BROUGHT TO THE ATTENTION OF THE CHANDER.
- 12. NO EXISTING MATERIAL SHALL BE USED IN NEW CONSTRUCTION UNLESS APPROVED DURING THE SHOP DRAWNO PROCESS AND MUST MEET THE DESIGN CRITERIA AND SPECIFICATIONS FOR THE PROJECT.
- 13. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UTILITY LINES.
- 14. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH FLORIDA POWER AND LIGHT (FPL) ON ANY WORK IN THE VICINITY OF OVERHEAD AND UNDERGROUND POWER LINES.
- CONTRACTOR SHALL VERIFY PROPER CLEARANCE BELOW EXISTING OVERHEAD POWER LINES PRIOR TO WORKING WITHIN THE VICINITY OF POWER LINES.
- 16. CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE SAYED, WHETHER SHOWN ON THE LANDSCAPE PLANS OF DESIGNATED IN THE FEEL, CONTRACTOR SHALL BECFIELD TO RESPONSIBLE FOR REPLACEMENT, IN KIND, OF ANY TREES SHALL BECFIELD TO BE SAYED THAT ARE DAMAGED AS A RESULT OF WORK CONDUCTED.
- ALL STOP SIGNS AND BRIDLE PATH WARNING SIGNS ARE TO REMAIN IN PLACE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR WILL NEED TO LOCATE SIGNS BASED ON PROPOSED SIGN LOCATIONS.

#### CLEARING AND GRUBBING

- 1) CLEARING CLEARING SHALL BE LIMITED TO THE CONSTRUCTION AREA (RICHT-OF-WAY) AND OR AS DIRECTED BY THE ENCINEER. A VERTICAL CLEARANCE OF 12' MUST BE CLEARED ON THE BRIDLE TRAIL DIDE OF THE RICHT-OF-WAY.
- GRUBBING ALL STUMPS, ROOTS, BURRED LOGS OR OTHER UNSUITABLE MATERIAL WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED TO A DEPTH OF 3' BELOW FINISHED ELEVATION AND REPLACED WITH CLEAN FILL
- DEBRIS REMOVAL ALL DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF. ANY WATERIAL ON-SITE FOR MORE THAN 30 DAYS SHALL BE STORED IN CONTAINERS APPROVED BY THE ENGINEER AND FOOT.
- 4. PROTECTION THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING BULDINGS, UTILITIES, SIGNS, FENCES, AND STRUCTURES THAT ARE ABOVE OR BELOW GROUND AND SHALL HOLD THE ENGINEER AND VILLAGE OF WELLINGTON HARMLESS AGAINST ALL CLAIMS OR DAMACES.
- MUCK MUCK SHALL BE REMOVED FROM UNDERNEATH THE FOOTPH OF THE ROADWAY AND EXTENDING 4 FT. FROM THE EDGE FROM THE ROAD RIGHT-OF-WAY.
- HARDPAN HARDPAN SHALL BE REMOVED FROM ROADSIDE SWALES FOR A DEPTH OF 2 FEET AND BACKFILLED WITH GRANULAR MATERIAL
- LANDSCAPED AREAS ALL LANDSCAPE PLANTING AREAS SHALL BE FREE OF BASE ROCK AND CONSTRUCTION DEBNIS AND EXCAVATED TO A MINIMUM OF 30° OR TO CLEAN, NATURE SOIL, REFER TO LANDSCAPE PLANS (BY DIMERS) FOR ADDITIONAL PLANTING INFORMATION AND DETALS.

FIELD OBSERVATION AND TESTING

- ALL WORK WILL BE OPEN AND SUBJECT TO INSPECTION BY ENGINEER AND VILLAGE OF WELLINGTON.
- NOTIFICATION THE CONTRACTOR SHALL NOTIFY THE ENGINEER, GOVERNMENT AND OTHER PERMITTING AGENCIES 48 HOURS PRIOR TO SCHEDULING FIELD GESERVATIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY TO TEST THE COMPLETED WORK, CALL "SUNSHINE ONE CALL" AT 1-800-432-4770 PRIOR TO ANY EXCAVATION,
- THE UNDERGROUND CONTRACTOR SHALL SUBMIT ALL RECORD DATA, SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR AND MAPPER REGISTERED IN THE STATE OF FLORDAL TO THE ENGINEER AND V.O.W. ENGINEERING DEPT. FOR REVIEW AND APPROVAL PRIOR TO CURB AND PAYMEMENT CONSTRUCTION.
- DRAINAGE PIPES AND STRUCTURES SHALL BE INSPECTED BY THE ENGINEES AND VILLAGE OF BELINGTON PRIOR TO BACYFILING. ALL DRAINAGE SYSTEMS SHALL BE PUMPED DOWN BELOW THE INVEST OF THE PIPE AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTION.
- ALL RECOMMENDATIONS AND REQUIREMENTS OF THE INSPECTION PERSONNEL OTHER THAN THE OWNER'S SHALL BE REPORTED TO THE ENGINEER PRIOR TO IMPLEMENTATION. COMPENSATION WILL NOT BE ALLOWED FOR WORK WHICH IS NOT AUTHORIZED BY THE ENGINEER OR VILLAGE OF WELLINGTON.
- ALL TEST SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND ARE TO BE PAID FOR BY THE CONTRACTOR.
- TESTING PROCTOR AND DENSITY TESTS FOR SUBGRADE AND BASE MATERIAL SHALL BE TAKEN AS DIRECTED BY THE EVIGINEER DENSITY TESTS SHALL BE TAKEN A MINIMAL OF ONE PER SOS SY. THE ASSENDED AND THE ASPHALT BICK AND DESIGN DISTINGS AND THE ASPHALT BICK AND DENSIREDRING DOT! FOR REVIEW PRICE TO CONSTRUCTION, ALL TESTS ARE TO BE PART OF BY THE CONTRACTOR.
- DENSITY TEST FOR PIPE TRENCHES SHALL BE TAKEN AT THE PIPE DENSITY HIST FOR PIPE TRENCHES SHALL BE TAKEN AT THE PIPE SPRING-THE AND AT MAXIMUM ONE FOOT (1) LIFT AS MEASURED FROM THE TOP OF PIPE. THE THEST SHALL BE TAKEN AT A MAXIMUM SPACING FEXTRY JOSEPH AND THE THEORY AT LEAST ONE TESTED AT THE COUTER OF THE PIPE SEGMENT BETWENT THE STRUCTURE OF AT LEAST ONE TESTED. THE LOCATION OF THE TESTED CATE LOCATION AND DEPTH OF ALL TEST SHALL BE CLEARLY MOICEARD IN THE DESCRIPTION AREA ON THE TEST CAPACITY AND ALTERNATION SOCIES OF THE STRUCTURE WITH LEACH LIFT INSTITE. THE LOCATION AND DEPTH OF ALL TEST SHALL BE CLEARLY MOICEARD IN THE DESCRIPTION AREA ON THE TEST REPORT IN A RELUSTRATION AND THE ASSETTION OF THE MAXIMUM STRUCTURE WITH LEACH LIFT.
- CONTRACTOR SHALL OBTAIN 6" DIAMETER ASPHALT PAVEMENT CORES WITHON 24 HOURS OF ASPHALT PLACEMENT AT RANDOM LOCATIONS OF TESTING IN ACCORDANCE WITH SECTION 3.5, FOR TOT STANDARD SECTION 3.5, FOR THE SECTION 3.5, FOR THE SECTION 3.5, FOR THE SECTION SECTION SECTION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. A MINIMUM OF FIVE CORES ARE REQUIRED FOR EVERY 900 TONS OF ASPHALT.

EROSION CONTROL NOTES

SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE THAT IS EQUAL TO OR EXCERTS THE EROSION AND SEGMENT CONTRICE SESTIMATED IN THIS DECIMENT, AND SEGMENT CONTRICE SESTIMATED IN THIS DECIMENT, AND FOR THE ENTIRE PROJECT CAN VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR TO CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR PROVINGING A DETAILED SEQUENCE OF CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH FORP INPOES PERMIT REQUIREMENTS.

- A. PLAZUENT OF ALL EROSON CONTROL DEVICES.

  B. CLEANING AND GRUBBING, EARTHMOOK REQUIRED FOR STORM SEMER AND GRADE ANATHMON.

  STORM SEMER CONSTRUCTION. ALL STORM SEMER SHALL BE CONSTRUCTED IN THE UPSTREAM DIRECTION.

  EARTHMORY AND CONSTRUCTION ASSOCIATED WITH PROJECT.
- 2. EROSION AND SEDIMENT CONTROLS

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN ACCORDANCE WITH FDEP HODE'S PERMIT REQUIREMENTS. THE GENERAL CONTROL PLAN FOR SITE ACTIVITIES IS AS FOLLOWS:

- A. PROTECT THE OUTFALL CONTROL STRUCTURES, HEADWALLS, AND ALL STORM DRAIN INLETS IDENTIFIED IN THE PLANS USING TYPE II SILT FENCE, HAY BALES, AND FAIRE FABRIC.
- 3. STABILIZATION PRACTICES

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN ACCORDANCE WITH THE FDEP NPDES PERMIT REQUIREMENTS.

TEMPORARY: SOD, SEED, AND MULCH IN ACCORDANCE WITH THE FDOT SPECIFICATION SECTION 104.

PERMANENT: ASPHALT OR CONCRETE SURFACE; SOD IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 575. ALL STABULATION PRACTICES SHALL BE INTINIED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVATES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTED (14) DATS AFTER THE CONSTRUCTION ACTUATIVE IN BAIR PROFINOR OF THE SITE HAS TEMPORARY OF PERMANENTLY CEASED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THE PORTION OF THE SHOPP BY ACCORDANCE WITH THE TOTOL SPECIFICATION SECTION 104.

4. STRUCTURAL PRACTICES

THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN ACCORDANCE WITH THE FORP POPES CURRENTS. TEMPORARY. HAY BALES AND INJET PROTECTION IN ACCORDANCE WITH FORP POPES REQUIREMENTS SOON IN THE EPOSON CONTROL PLAN. ALL SEIMENT CONTROLS SHALL BE IN PLACE PRIOR TO ANY SOLL DISTURBING ACTIVITY UPSTREAM OF THE CONTROLS.

6. APPROVED STATE AND LOCAL PLANS OR PERMITS

THIS PROJECT IS GOVERNED BY THE VILLAGE OF WELLINGTON, SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

HAY BALES - REPLACE WHEN DAMAGED OR AT THREE (3) MONTH INTERVAL (REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF BALES).

B. INSPECTIONS

QUALIFED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN (?) CALEMORR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER, WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. AT:

- A. PORTS OF DISCHARGE TO WATERS OF THE UNITED STATES.

  B. PORTS OF DISCHARGE TO MUNICIPAL SPRANTE STORM SERRES SYSTEMS.

  C. DISTURBED AREAS OF THE STEE THAT HAVE NOT BEEN FINALLY STABILIZED.

  D. AREAS USED FOR STORAGE OF MATERIAS THAT ARE EMPOSED TO PRECIPITATION.

  E. STRUCTURAL CONTROLS.

  F. STORMATER MANAGEMENT SYSTEMS.

  C. LOCATIONS WHERE SHOTCES ENTER OR EXIT THE SITE.

ALL INSPECTIONS SHALL BE DOCUMENTED AND RETAINED ONSITE FOR INSPECTION BY PERMIT COMPLIANCE PERSONNEL. DAMAGED EROSION AND SEDIMENT CONTROL DEVICES FOUND DURING THESE INSPECTIONS SHALL BE. REPARKED WITHIN TEACHY-FOUR (24) HOURS OF THE INSPECTION AND COMPLETED WITHIN SEVENTY-TWO (72) HOURS.

A COPY OF WEEKLY REPORTS SHALL BE PROVIDED TO THE V.O.W. THROUGH OUT THE CONSTRUCTION OF THE PROJECT.

DATE DRAWN N FEB 2015 GAT nesswen av Townsen a

CJH B. LaMotte REVENONS



PARK SOUT N, FLORIDA DDLE TRAIL

o Vista P t Palm B, v. 561,681 v. 6081-1

SA

West Park 0 Group, Wantman

1525.00

SHEET NUMBER GN-1

- PANING AND CHADING SHALL BE COMPACTED TO 98% MAXIMUM DENSITY IN ACCORDANCE WITH ALSTIO T-180 (ASTM-1857) SPECIFICATIONS, ALL STUMPS, ROOTS, AND OTHER BETERROIS MATERIAL PROCURED SHALL BE FRANCED TO ROOT LESS THAN 100% OF MAXIMUM DENSITY, ALL SUCH MATERIAL SHALL BE REMOVED FROM WITHIN 8 FEET OF THE DOC OF PAYMENT. STABILIZED SUBGRADE SHALL CONFORM TO SECTION 160 OF FOOT SPECIFICATIONS FOR ROOM AND BROOD CONSTRUCTION AND HAVE A MINIMUM LIBER OF 40.
- BASE APPROVED SHELIROOK AND IMERIOK SHALL CONFORM TO APPLICABLE PARTS OF SECTIONS 285 OF 2014 FOOT SPECIFICATIONS. BASE COURSE SHALL BE LIBRA-IOO COMPACTED TO 985 OF THE MAXIMUM CENSITY AS DETERMINED BY AASHTO T-180 (ASTM 1557). PRIME COAT HAMMAN APPLICATION RATE OF 0.10 GAL/SY.
- STRUCTURES INLETS AND MANHOLES SHALL BE SPECIFIED ON THE PLANS AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FOOT SPECIFICATIONS, LATEST EDITION. INLET GRATES SHALL BE IN ACCORDANCE WITH FDOT INDEX 201.
- PIPES DRAINAGE PIPES SHALL CONFORM WITH ALL APPLICABLE SECTIONS OF FOOT SPECIFICATIONS, LATEST EDITION FOR REINFORCED CONCRETE PIPES.
- REINFORCING STEEL ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615 SPECIFICATIONS.
- CONCRETE CONCRETE SHALL DEVELOP A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI UNLESS OTHERMISE NOTED ON THE PLANS AND SHALL CONFORM TO SECTION 346 OF FDOT SPECIFICATIONS, LATEST EDITION.
- PIPE BACKFILL PIPE BACKFILL SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE FOOT SPECIFICATIONS, LATEST EDITION, PIPE BACKFILL SHALL BE PLACED IN 6" LIFTS AND COMPACTED TO NOT LESS THAN 100% MAXIMUM DENSITY AS DETRIED BY AASHTO T-99.
- TRAFFIC CONTROL DEUCES ALL TRAFFIC CONTROL DEUCES, PAVEMENT MASONICS AND SIGNS SHALL BE AS DETROED IN THE MANUAL ON CONTROL AND AN ADVENTION OF THE MANUAL ON ADVENTOR AND ADDRESS OF THE MANUAL ON AND AND AND ADDRESS OF THE MANUAL ON AND AND AND ADDRESS OF THE MANUAL ON THE MANUAL
- WHERE CONNECTIONS TO AN EDISTING DRAINAGE SYSTEM ARE PROPOSED, SAID DESTING GRANAGE STRUCTURES AND LINES SHALL BE CLEANED OF PROPOSED AND CONTINUES OF THE PROPOSED AND LINES SHALL BE CLEANED OF PROPOSED AND CONNECTIONS BEEN MAGE, AND WHERE THE EXISTING AREAS OF DITCHES, SHOD DRAINAGE SYSTEM NOLLOCE RETURNION AREAS OF DITCHES, SHOD LINES AND CONTINUES AND CONTINUES
- 12. ALL CURB RADII AND DIMENSIONS ARE TO EDGE OF PAVEMENT.
- 14. ALL EXPOSED END OF CURB SHALL TRANSITION TO FINISHED GRADE.
- 15. CONTRACTOR IS RESPONSBLE FOR REQUING ALL PASSMONT TO GRAN
  POSTIVOLY. INTERSECTIONS SAML BE TRANSITIONED TO PROVIDE SMOOTH
  OF POOR PRANACE BE GISBENED. CONTRACTOR SMALL NOTSY THE
  ENGMEER PRIOR TO PLACEMENT OF CURBS OR PASSMONT OURSES, SO
  THAT RECOMMEDIATIONS FOR CONSTRUCTION CAN BE DONE.
- 16. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF ANY KIND, INCLUDING IRRIGATION AND ELECTRICAL CONDUITS, THAT WILL REWAN UNDER THE PAYEMENT OR WITHIN 10' OF ITS EDGES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE BASE.
- 17. SOO SPECIFICATIONS: ALL SOO SHALL BE BAHIA.
- 18. ALL DRAINAGE PIPES TO BE WRAPPED WITH FILTER FABRIC AT JOINTS (SEE DETAIL SHEET POD-1)

#### WATER NOTES

- ADJUSTMENTS MAY BE NECESSARY DUE TO FIELD CONDITIONS.
  ADJUSTMENTS ARE TO BE MADE BY THE CONTRACTOR WHEN THE BASE COURSE IS IN PLACE OR SITE GRADING IS COMPLETE. COST OF ADJUSTMOR PIM ELEVATIONS SHALL BE INCLIDED IN BASE BID.
- 2. ALL WATER MAIN PIPE, INCLUDING FITTINGS, SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND DRINKING WHERE FROM RECLAIMED OR OTHER WATER UNDERGROUND PLASTIC PRE'S SHALL BE SQUED-WAIL BULL PRIVAL BULL PRIVAL BULL PRE'S THERE DAY NO UNDERGROUND METAL PRE'S STRIPES DURING MANUFACTURING OF THE PIPE WALL. PRE'S STRIPES DURING MANUFACTURING OF THE PIPE WALL AND CONTINUOUS STRIPES THAT RUN PARALLEL TO THE ANS OF THE PIPE. THAT ARE LOCATED THAT OF THE PIPE. THAT ARE LOCATED THAT OF THE PIPE. IF THAT OF THE PIPE AND THAT OF THE PIPE. IF THAT OF THE PIPE. THE THAT OF PAINT SHALL BUT OF THE PIPE. FOR PIPES WITH AN INTERNAL DAMBETER OF 28 HOURS OR GREATER, THAT OF PAINT SHALL BE APPLIED TO CONTINUOUS LINE THAT RUNS PARALLEL TO THE AND CONTINUOUS LINE THAT RUNS PARALLEL TO THE AND CONTINUOUS LINE THAT BUT PAINT SHALL BLOOM THE TOP OF THE PIPE. FOR PIPES WITH AN INTERNAL DAMBETER OF 28 HOURS OR GREATER, THAT OF PAINT SHALL BE APPLED ON CONTINUOUS LINE SHOW DESCRIPTION OF THE PIPE. FOR PIPES WITH AN INTERNAL DAMBETER OF 28 HOURS OR GREATER, THAT OF PAINT SHALL BE APPLED ON CONTINUOUS LINE SHOW DESCRIPTION OF THE PIPE. FOR PAINT SHALL BE APPLED ON CONTINUOUS LINE SHOW DESCRIPTION OF THE PIPE. FOR PAINT SHALL BE APPLED ON CONTINUOUS LINE SHOW DESCRIPTION OF THE PIPE. AND CONTINUOUS LINE SHOW DESCRIPTION. AND LABELED IN ACCORDANCE WITH SUBSECTION 62-555.320(10) F.A.C., AND ALL OTHER ABOVEGROUND PIPE SHALL BE PAINTED BLUE OR SHALL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.
- 3. FIRE HYDRANTS TO BE A MAXIMUM 12' FROM ROAD ACCESS. FIRE HYDRANTS SHALL HAVE 7'6" CLEARANCE ON EACH SIDE AND FRONT AND 3' CLEARANCE FROM RIGHT-OF-WAY LINE.
- NO VALVES SHALL BE PLACED IN CURBS. ALL VALVE BOXES TO HAVE CONCRETE COLLARS. NO VALVES WILL BE LOCATED IN PAVEWENT AREAS.
- VILLAGE OF WELLINGTON MINIMUM STANDARDS AND APPROVED MATERIALS LIST SHALL PERTAIN TO THIS PROJECT.

#### WATER MAIN TAPPING AND CLEARING NOTES

- 1. A 2" BYPASS LINE (MAXIMUM) SHALL BE INSTALLED PRIOR TO CANNON
- 2. A 2" TEE SHALL BE USED FOR FEEDING CHLORINE SOLUTION AND FOR ATMOSPHERIC VENT DURING PRESSURE / LEAKAGE TEST.
- 3. UNDER NO CIRCUMSTANCES SHALL VALVES BE OPERATED WITHOUT AN AUTHORIZED VILLAGE OF WELLINGTON REPRESENTATIVE PRESENT.
- 4. ALL WATER MANS SHALL BE FILLED WITH WATER UTILIZING JUMPER AND THEN THROUGHLY CANNON FLUSHED IN ACCORDANCE WITH HILLAGE OF WELLINGTON STANDARDS PRIOR TO PRESSURE / LEAFAGE TESTING. THE PROCEDURE SHALL BE DONE ONLY IN THE PRESENCE OF AN AUTHORIZED UTLAGE OF MELLINGTON REPRESSIVETATION. 5. FOLLOWING INITIAL CANNON FLUSHON, ALL WATER FOR PRESSURE / LEAFAGE TESTING AND BACTERIOLOGICAL CLEARACES MUST BE DEAWN FROM THE BYPASS LINE WITH REDUCED PRESSURE BACKFLOW PREVENTIOR NE FLACE.
- 6. EXCEPT DURING CANNON FLUSHING, VALVES SHALL NOT BE OPENED UNTIL AFTER AN APPROVED PRESSURE / LEAKAGE TEST, BACTERICOGCIAL CLEARANCE CERTIFICATION BY THE ENGINEER OF RECORD, RELEASE FROM PAIM BEACH COUNTY HEALTH DEPARTMENT, AND APPROVAL BY THE ULAGE OF WELLINGTON.
- DISINFECTION AND BACTERIOLOGICAL CLEARANCES SHALL COMPLY WITH CURRENT AWAR PROCEDURES, PALM BEACH COUNTY HEALTH DEPARTMENT, AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.

#### LEGEND

BRIDLE TRAIL ASPHALT PAVENENT

STRUCTURE NUMBER CB-35 RIM/GRATE EL 20.00 13.50 N 13.00 S INVERT EL AND DIRECTION \_\_

DRAINAGE PIPE EXISTING DRAINAGE PIPE FINISHED GROUND ELEVATION 20.70

EXISTING GROUND ELEVATION +17.45 FLOW DIRECTION PROPOSED CATCH BASIN PROPOSED MANHOLE

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TRAFFIC CONTROL SIGN PVC WATER MAIN DIP WATER MAIN ----

WATER SERVICE EXISTING WATER MAIN ----4

PROPOSED GATE VALVE

SIGN LEGEND ALL SIGNS TO BE HI (HIGH INTENSITY)

# PAVEMENT MARKING LEGEND

LETTER DESIGNATIONS USED IN THE PLANS INDICATE THE TYPE OF STRIPE TO BE PLACED ARE: A = 12" SOLID WHITE Q = 18" SOLID YELLOW @ = 24" SOLID WHITE D = 6" SOLID YELLOW C = 6\* DOUBLE YELLOW II = BLUE RPM AT ALL F.H.

DESIGNATIONS USED IN THE PLANS TO INDICATE THE TYPE OF SIGN TO BE INSTALLED ARE:

#### **ABBREVIATIONS**

AMERICANS WITH DISABILITIES ACT AIR RELEASE VALVE BASELINE BOTTOM OF PIPE ELEVATION BOTTOM OF PIPE ELEVATION BEGINNING POINT CORRUGATED METAL PIPE STORM SEWER DRAINAGE DUCTILE IRON PIPE EXISTING GROUND ELEVATION END POINT, EDGE OF PAVEMENT

D DIP EG EL EP EX FDEP XISTING LORIDA DEPARTMENT OF NVIRONMENTAL PROTECTION FLORIDA DEPARTMENT OF FDOT

TRANSPORTATION FLORIDA EAST COAST RAILWAY FINISHED GRADE SANTARY SEWER FORCE MAIN GATE VALVE HIGH DENSITY POLYETHYLENE FEC FG FM GV HOPE HOPE HP LWOD MAX MH MIN MOT OS PI PVC HIGH DENSITY POLYETHYLENE
HIGH POINT
INVERT
LOW POINT
LAKE WORTH DRAINAGE DISTRICT
MAXIMUM
MANHOLE

MAINTENANCE OF TRAFFIC OFFSET POINT OF INTERSECTION POLYMYL CHLORIDE

RADIUS
REINFORCED CONCRETE PIPE
RESTRAINED JOINTS
SANITARY SEWER GRAVITY MAIN
SOUTH FLORIDA WATER
MANAGEMENT DISTRICT SFWMD STATION TOP OF PIPE ELEVATION

STA TOP TYP UG UCT VER WM MES TYPICAL UNDERGROUND UTILITY USUAL CONDITION TEST VERTICAL POTABLE WATER MAIN MITERED END SECTION

### SYMBOLS (EXISTING STRUCTURES)

III KEYPAD

**∂** BENCHMARK CABLE TELEVISION BOX

D CATCH BASIN CLEANOUT CONCRETE POWER POLE

> - CURB INLET @ ELECTRIC BOX FIRE HYDRANT

GUY WIRE ANCHOR RRIGATION BOX IRRIGATION VALVE

D. LIGHT POLE O MANHOLE

MAILBOX POWER POLE STORM MANHOLE

STREET SIGN TELEPHONE POLE WATER METER

WATER VALVE WOOD POWER POLE

SET 5/8" IRON ROD WITH PLASTIC CAP "LB#7055"

CHAIN LINK FENCE WOOD FENCE

# IND NAU & DISC & TREE

() TELEPHONE BOX

**W**: GTON (S Department Welfagon, Bords 33 Za

DATE DRAWN R

FEB 2015 GAT

nessowen ev | Coveroven e

CJH B. LaMotte

REVENIONS

Engir NOTES

DDLE TRAIL PARK SOUTH WELLINGTON, FLORIDA

SA Vista Parkway, Suite 1 Palm Beach, FL 33411 se No. 561.687,1220 No. 561.687,1110 No. 6091 - LB No. 7033 West Plax N Cert 2

WGI

1525.00



1 W17-1 "SPEED HUMP" SIGN

4-WAY

7 R1-3 "4-WAY" SIGN

15 M.P.H.

② W13-1 "15 MPH" SIGN

4 W11-7 "HORSE CROSSING" SIGN

AHEAD

(5) W16-9P "AHEAD" SIGN

⑥ R1−1

STOP

"STOP" SIGN

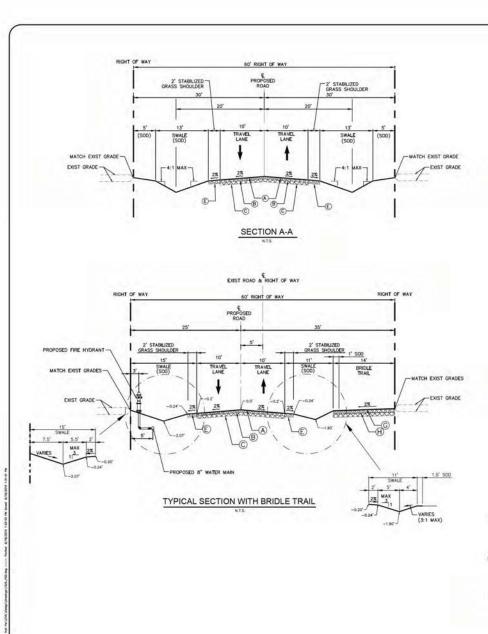
SPEED

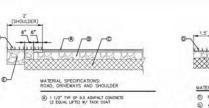
HUMP

AHEAD

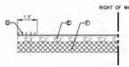
3 CUSTOM "SPEED HUMP AHEAD " SIGN

GN-2





- (II) MIN. 8" SHELL ROCK (LBR 100) COMPACTED TO SEX MAX. DENSITY AASHTO T-150
- © MIN. 12" COMPACTED SUBGRADE (LBN 40) COMPACTED TO SEE MAX. DENSITY AASHTO T-180.
- (I) BAHA SOO
- MIN. 12" SHELL ROOK (LBR 100) COMPACTED TO SHE MAX, DENSITY

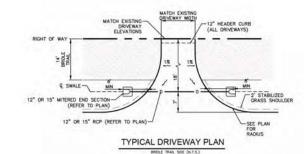


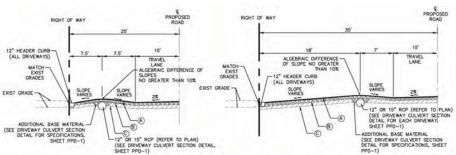
MATERIAL SPECIFICATIONS: BRIOLE TRAIL

- (I) SAHA 500
- © 4" SHELL HOCK (97E OF MATERIAL SHALL PASS 3" SEVE PER FOOT STANDARD SPECIFICATIONS HOAD AND BRIDGE, SECTION 415 )
- ⊕ N-Stu Material compacted to 85% Density PER AASHTD T-180.

## PAVEMENT / BRIDLE TRAIL SECTIONS







TYPICAL DRIVEWAY SECTIONS

NON- BRICKE TRAIL SIDE (N.T.S.)

TYPICAL DRIVEWAY SECTIONS

BROLE TRAL SIDE (N.T.S.)

DATE DRAWN BY FEB 2015 GAT DESIGNED BY C.JH B. LaMote

DESERVED BY C.I.H B. LAMODE REVISIONS

INGTON ing Department Itelement Wellight, Prote 3344

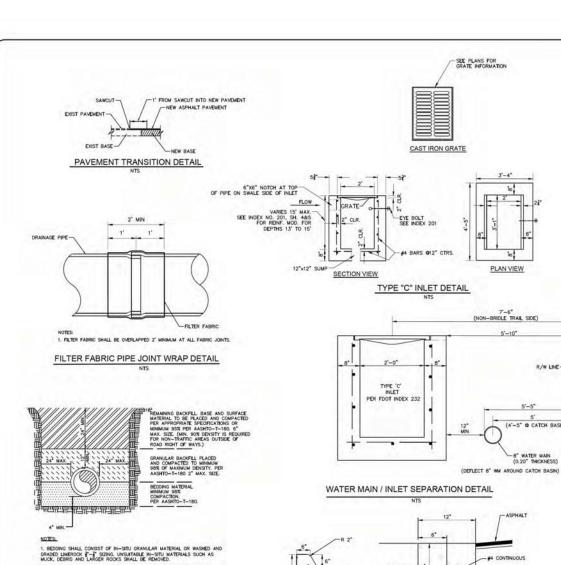
UTH FELLINGTO

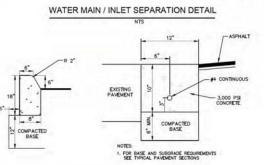
SADDLE TRAIL PARK SOUTH
WELLINGTON, FLORIDA
PAVING AND DRAINAGE
DETAILS

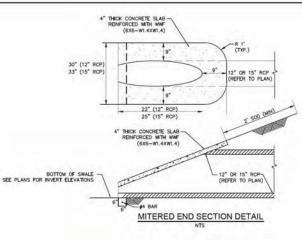
WG | West Pain Inect, P. 2.334 Vista Pickwoy, Stale 100 West Pain Inect, P. 2.3411 Press, Act (1647.2220 Press

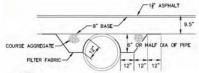
1525.00

SHEET NUMBER



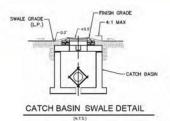






- COURSE AGGREGATE SHALL BE PLACED IN 6" LIFTS AND COMPACTED SUFFICIENTLY AS TO BE FIRM AND UNYIELDING.
- COST OF FURNISHING AND INSTALLING COURSE AGGREGATE AND FILTER FABRIC ARE TO BE INCLUDED IN COST OF CULVERT.
- 4. BASE MIN. 8" SHELLROCK (LBR-100) COMPACTED TO 98% MAX DENSITY AASHTO T-180
- 5. 1 F TYPE SP 9.5 ASPHALT CONCRETE (2 EQUAL LIFTS W/ TACK COAT)

#### DRIVEWAY CULVERT SECTION NTS



SADDLE TRAIL PARK SOUTH WELLINGTON, FLORIDA AND DRAINAGE DETAILS

FEB 2015

CJH B. LaMotte

INGTON ing Departmen

2036 Vista Farkway, Suite 1 West Palm Beach, FL 33411 Phone No. 661.687, 2220 Fax No. 561.687, 1110 Cert No. 0091 - LB No. 7005

Wantman Group, Inc.

1525.00

 THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS. TYPICAL TRENCH DETAIL NTS

2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.

4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.

5. DENSITY TESTS ARE REQUIRED IN 1 FOOT LIFTS PER PIPE RUN ABOVE THE PIPE, OR AS DIRECTED BY THE INSPECTOR.

6. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH STATE OF FLORIDA TRENCH SAFETY LAWS AND REGULATIONS.

3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.

TYPE 'D' CURB

12" HEADER CURB

'n.

R/W LINE-

(4'-5" O CATCH BASIN)

8" WATER MAIN (0.20" THICKNESS)

