- THE CONTRACTOR SHALL BE RESPONSBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCROMANCE WITH THE APPROPRIAT APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR MAD GRIB ALL ASSET UNLESS OTHERWISE NOICATED, REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAREMENT AND ALL OTHER DECETIONS METARIAL.
- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VANIOUS UTILITY COMPANIES WHICH MAY HAVE BURED OR ASPAIL UTILITIES WITHIN OF HEAR THE CONSTRUCTION AREA REPORT COMMENCING WRISE, THE CONTRACTOR SHALL PROVIDE 2 WORKING DAYS MINIMUM HOTICE TO ALL UTILITY COMPANIES PRICE TO BEGINNING CONSTRUCTION. THE CONTRACTOR MILEST CALL THE UTILITY COMPANIES SEPTICE COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT. TO THE ATTENTION OF THE OWNER AND ENGNEER BEFORE COMMENCING WORK, NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND THE ENGINEER.
- ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST. RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER DIRECTLY FROM THE TESTING AGENCY.
- THE CONTRACTOR SHALL BE RESPONSING FOR SUBMITTHE TO THE ENGNEER A CERTIFIED RECORD SURVEY SOMED AND SEALED BY A PROFESSIONAL LAND SWEVICE REGISTRED IN THE STATE OF FLORISM DETERMINE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL REQUIRED FOR THE CRITICATION PROCESS. ALL SURVEY COSTS MILL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MANTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROCRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVINDING A-BUILT DRAWNS OT THE CHIEFER OF THE PURPOS CERTIFICATION TO AMESICIONAL ACENCIS AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF PLOCED PROFESSIONAL LADS JURYETER HIDES SERVICES ARE MORAGED BY THE CONTRACTOR.

- . THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO WITHIN THE LIMITS OF CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGES OUTSIDE THE LIMITS OF CONSTRUCTION.
- 13. CONTRACTOR IS ADVISED HAT THE USE OF VIOLENCE OF VIOLENCE OF VIOLENCE OF VIOLENCE AND ALL OPERATORS FILE A MOTICE OF INTERT (NO) TOR STORMARTE DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY USED THE HOPES GENERAL PREMIT PROFIT DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY USED AND ALL OF VIOLENCE OF VIOLENCE
- FLORIDA LAW (F.S. 583.55) PROTECTION OF UNDERGROUND PRELINES MANDATES THAT 140 EXCAVATO COMMENCE OF PERFORM ANY EXCAVATION WHATCH TRIST DETAINING INFORMATION CONCERNING THE P LOCATION OF GAS PIPELINES IN THE AREA OF PROPOSED EXCAVATION. THE EXCAVATOR MUST NOTIFY UTILITY A MINIMUM OF 2 WORKING DAYS AND A MAXIMUM OF 5 WORKING DAYS PRIOR TO EXCAVATION.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE LOCAL ELECTRICAL PROVIDER ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS RELATED TO SITE WORK INCLIDING (BUT NOT LIMITED TO) LANGSCAPE, BRIGATION, SITE LIGHTING, BULDING FOUNDATION, PLUMBING, FIRE SPRINKLER, AND OTHER PREPLICABLE PLANS FOR CONSISTIONS INFORMATION AND ALERT OWNERS REPRESENTATIVE OF ANY CONFLICT FOR
- 17. CONTRACTOR SHALL VERIFY LOCATION OF ALL IRRIGATION, STREET LIGHTING, AND ELECTRICAL CONDUIT THAT WILL BE IN CONFLICT WITH ANY PROPOSED CONSTRUCTION AND SHALL RESOLVE CONFLICT ACCORDINGLY. COST OF CONFLICT RESOLUTION SHALL BE INCLUDED IN THE BIO.
- 18. ANY DEBRIS RESULTING FROM STRIPPING AND DEMOLITION OPERATIONS SHALL BE REMOVED FROM THE SITE AT FREQUENT INTERVALS TO PREVENT THIS MATERIAL FROM ACCUMULATING ON SITE.
- UPON REMOVAL OF TREES, SHRUBS OR ANY STUMP ORINDING, NO ROOT GREATER THAN THREE INCHES IN DIAMETER SHALL REMAIN WITHIN FIVE FEET OF AN UNDERGROUND STRUCTURE OR UTILITY LINE OR UNDER SLABS OR FOOTINGS OR PAYED AREA.
- 20. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE
- THE CONTRACTOR SHALL ENSURE THAT ANY TREE OR SHRUB PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF WEST PALM BEACH STANDARD DETAILS

PRECONSTRUCTION RESPONSIBILITIES

- UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND ITSELF.
- THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) AT LEAST 2 WORKING DAYS
 PRIOR TO BEGINNING ANY EXCAVATION.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
- EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO
 RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.

CONSTRUCTION SAFETY

ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REQULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDDT) AND THE MANUAL OF UNFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OSSERVED.

SIGNING UILLIES SHOWN ME LICEATED ACCIDENTS TO THE WITCHLANDS, ANALYSES IT, THE DOMEST AT THE ME OF THE PROGRAMMEN SHOWN AND LINES THE SHOP SHOWN AND ASSESSMENT OF THE LOCATION OF THOSE CHARGE SHOWN AND THAT ALL DOSTING UILDERFORMEN UILLIES ARE SHOWN OF THAT THE LOCATION OF THOSE SHOWN AND THAT ALL DOSTING UILLIES AND SHOWN AND ASSESSMENT AS

- 1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT 2. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5) ARE REQUIRED. THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
- A. A REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
- B. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXACTION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS. C. A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY STANDARDS
- WHEN A BID IS NOT SUBMITTED, THE CONTRACTOR SHALL SUBMIT THE INFORMATION LISTED IN ITEM "2" TO THE ENGINEER PRIOR TO STARTING WORK.

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING ACENCY OR OWNER.
- EROSION AND SEDIMENTATION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ALL CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL THE
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTRAILE FACULITES, OFFICE TRACERS, AND TOLET FACULITES.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 10. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF OR STORM WATER DISCHARGE INTO DRAINAGE DITORES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7
 DAYS WHERE CONSTRUCTION HAS TEMPORARLY OR PERMANENTLY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCUPRED.
- F THE ACTION OF VERYCLES TRAVELING OVER THE DRAVEL CONSTRUCTION EXTRAVES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DRIVE ON MID, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES CONTR. A PUBLIC ROAD. IF MASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.

- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES AS NECESSARY AS CONSTRUCTION PROGRESSES (SLIT FENCES, ETC.) TO PREVENT EROSION.
- DRODOL AND ESEMENTATION CONTROL PLANS PROVIDED HEREN ARE A CUDELINE ONLY. THE CONTRACTOR IS RESPONDED. FOR PROPARATION OF THAT STORM WITH PULLUTION REPORTION FLAN. THE FLAN SHALL BE RESPONDED FOR PROPERTY THE CONTRACTOR IS THE AND SHRONDAND. AREA DISHON CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTIANT DESCRIPTION CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTIANT DESCRIPTION CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTIANT DESCRIPTION CONSTRUCTION. THE PLAN SHALL BE CAUCHTON OF THE PLAN SHALL BE CAUCHTON OF STORMER OF THE PLAN SHALL BE CAUCHTON STORMER OF VEHICLS FOR A WARTER'S EDGE OF THE PLAN SHALL BE FILED WITH ALL APPLICABLE FEDERAL TO NOTICE TO PROCEED. AFTER REVIEW OF WORST PLANS AND EAST DATA OF THE PLAN SHALL BE FILED WITH ALL APPLICABLE REGULATION AGENCIES OF THE CONTRACTOR.
- 22. SLT FENCE IS REQUIRED AS SHOWN ON THE PLANS AND ANYWHERE ADDITIONAL AS REQUIRED BY CONSTRUCTION. SLT FENCE IS NOT APPLICABLE IN PAYEMENT AREAS. LIMITS OF CONSTRUCTION SHC DIAGRAMATIC. CONTRACTOR TO PROVIDE PLAN FOR SHOOP DRAWING REVIEW.
- 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVICE WATER SPRINGING OR OTHER STATULE METHODS OF CONTROL. THE USE OF WOTOR OLS AND OTHER PERSONAL MASED OF TOOCH LIQUIDS FOR DUST SHEPPESSON OFFENTIONS IS PROMINED. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTYANING TO ENVIRONMENT, PROTECTION.

DEMOLITION NOTES

- ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR A LEGAL MANNER.
- THE CONTRACTOR SHALL REFER TO THE EDUCATION HAW AND ANXIOCASE FIRST FOR MOMENTUM-PROPERTY TO THE SHALL REFER SHALL PROPERTY OF SOCIOLARLY ARROYS TO REALIZE HAVE THE SHALL REFER SHALL REPORT SHALL REFER SHALL RE

SURVEY DATA

- THE CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO SURVEY MARKERS DURING CONSTRUCTION. ANY SURVEY MARKERS DAMAGED DURING CONSTRUCTION WILL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- BENCHMARK LOCATION AND ELEVATION ARE AS REPRESENTED BY SURVEYOR AT THE TIME OF SURVEY. CONTRACTOR SHALL VERIFY ITS CORRECTNESS AT TIME OF CONSTRUCTION.
- ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NAVD 1988 DATUM O 1988 (N.A.V.D. 88).

MAINTENANCE

- ALL MEASURES STATED AN THE EPOSON AID SEQUENT CONTROL PLAN, AND IN THE STORM WATER PASILITION OF PRESENTIOR PLAN, SHALL RE WANTHAMED IN PLAN TROUBLE CONTROL AND STORM WAS A CONTROL OF THE PROPERTY OF THE PR
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION. INLET PROTECTION DEVICES SHALL BE CLEANED OUT AT REGULAR INTERVALS OF AS THEY BECOME FULL OF DEBRIS.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESERVED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAL DAYS FOLLOWING THE INSPECTION.

INTERRUPTION OF EXISTING UTILITIES

PAVING, GRADING AND DRAINAGE NOTES

- ALL PANIC, CONSTRUCTION, MITERIAS, AND WORKMANSIE WITHIN PUBLIC RIGHT-OF-MY SHALL BE IN ACCORDANCE WITH LOCAL COUNTY OR STATE SPECIFICATIONS AND STANDARDS (LATEST EDITION) OF IDDI-ACCORDANCE WITH LOCAL COUNTY BEAUTIFUL OF THE SPECIFIC RESPONSITION OF THE STANDARD STANDARD STANDARD WITH SENSE DESCRIPTION OF THE STANDARD STAND
- TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNKNOWN TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL ABOVEY HAVING AURISOLDION. IN THE FEMT THAT THE CONTRAFT COUNTRIES AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL A GRASS STAND IS WELL ESTABLISHED OR ADEQUATE STABILIZATION OCCURS.
- ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED WITH BAHIA SOD UNLESS INDICATED OTHERWISE ON THE ENGINEERING OR LANDSCAPE PLANS.
- ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2° DEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME THE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
- WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRUCKTUONT AND MATCH THE EXISTING PAVEMENT LEVATION WITH THE PROPOSED PAVEMENT LINLESS OTHERWSE INDICATED.
- IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.

- 13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE: GRADED AS PER PLANS. THE AREAS SHALL THEN BE SCOODED AS SPECIFED IN THE PLANS, FERTILIZED, MILLOHED, WATERED, AND MAINTAINED LINTIL A COOL STAND OF GRASS GROWTH IS ESTENDED NOT AN AREAS. ANY AREAS STRINGED FOR ANY REASON PRIOR TO FRAIL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) :1 (VERTICAL) OR FLATTER UNLESS OTHERWISE

WATER AND SEWER UTILITY NOTES

- ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENMINOMENTAL PROTECTION RECUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL, AGENCY.
- THE CONTRACTOR SHALL CONSTRUCT GRANTY SERR LITERAL MANUSCLES AND GRANTY SERRE LITERAL SERVICE AND GRANT SERVE LITERAL SERVICE AND GRANTY METALLS. COMPANIES AND COMPLETE ACCORDANCE WITH THE SERVICE SERVIC
- DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN DIGS OF PIPE AND ITTIMES WITH A MATERITISHT FLUG WHD WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLAM AND JOINT SHRENCES WIFED CLAM AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TREINCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDANCE TO THE PLANS.
- ALL MANUEL SERVICES AND PROJECT ON DATES. TEXTORISE LATTIC AND SIDE TILLING SHALL SE MANUEL AND THE SERVICES AND THE SERVICES AND THE SERVICES AND THE SERVICES AND THE FOLLOWING MANUFACTURES'S ECOMORDONIONS. CARE SHALL SE TAKEN TO AND DAMAGE TO THE COATING OR MANUEL OF ANY D. PRF. STRINGS. ANY PRE-OF STRITCH WIGH IS DAMAGE TO THE COATING OR MANUEL AND THE SERVICES AND THE SHALL NOT SERVICES. ANY PRF. NOT SATISFACTION FOR USE "SHALL SE CLARKY MANUEL ON A MANUFACTURE."
- WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- ALL UTILITY AND STORM DRAIN TRENOISES LOCATED UNDER MERCAS TO RECEIVE PARHIOS SHALL BE COMPRETELY BACK FLEED IN ACCORDANCE WITH THE CONTRIVER AURISOCITIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THE CONTRIVET DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN ARRESEMENT, THE MOST STRINGENT SHALL COVERN.
- UNDERGROUND LINES SHALL BE AS-BUILT BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR BEFORE BACK FILLING.
- CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION, THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILITATION, AND EXPILITATION, ITELSTON INSPECTION AND A MANDELL TEST ON GRAVITY SENER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS ROUNED.
- ALL PIPES AND CONNECTIONS ARE TO BE RESTRAINED IN ACCORDANCE WITH THE DETAILS OR JURISDICTIONAL AGENCY REQUIREMENTS, WHICHEVER IS MOST STRINGENT.
- ALL WATER DISTRIBUTION SYSTEM MATERIALS (MICLIDING SERVICES) AND INSTALLATION SHALL CONFORM TO RESPECTIVENING OF THE LOCAL WATER PROVIDERS AS PROVIDED IN THEIR STANDARD SECURICATIONS MANUAL AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTRACTOR IS RESPONSIBLE TO OSTAIN SECONDATION OF THE PROTECTION AND THE PROTECTION THE PROJECT.
- TO GUISM SECRICATION MANUALS PROR TO BERION THE PROJECT ML. BE COLOR COOLD OR MARCE IN ACCORDANCE WITH FLAC. 62-565.2007(19)%. USING BULE AS THE PRECIONANT COLOR. (ACCREGACION PLANS OFF ML. BE COLOR COLOR DATE OF ML. BULE AND ACCREGACION PLANS OFF ML. BULE AND ACCREGACION PLANS. OF ML. BULL AND ACCREGACION PLANS. OF ML. BULL AND ACCREGACION PLANS. ACCRE

- A WE OF RELOCATION, DISCREGATIONS WATER MANS RICLIDED IN THIS PROJECT WILL BE LIGH TO PROVIDE A WEST DISCREDING THE MANS RICLIDED IN THIS PROJECT WILL BE LIGHT TO PROVIDE A WEST DISCREDING OF PROPOSED VACUUM-THE SWEATHY SERVE, STOMM SERVE, STOMMARTS FORCE WATER PROJECTION, DETAINED OF THE STEED WATER FORCE WATER AND PROJECT OF THE SWEATHY SERVE, STOMMARTS FORCE WATER WA
- NEW OR RELOCATE, UNDERGOGNED WATER WANG INCLUDED IN THIS PROJECT THAT WILL CROSS MAY EXISTING OF THE WATER WANG IS AT LEAST 26 WHORE ABOVE THE OTHER PROJECT THAT WILL CROSS MAY EXPENDED FOR THE OTHER PROJECT FOR THE OTHER PROJECT THAT WILL CROSS THE OTHER PROJECT THAT WAS THE OTHER PROJECT THAT WILL CROSS THE OTHER PROJECT THAT WE WATER WAN IS AT LEAST TO PROTECT THE OTHER PROJECT THAT WAS THE OTHER PROJECT THAT W
- L = ALLOWABLE LEAKAGE, GALLONS/HOUR S = LENGTH OF PIPE TESTED, FEET D = NOMINAL DIAMETER, INCHES P = AVERAGE TEST PRESSURE, LB/IN GAUGE
- AFTER THE PRESSURE TEST, THE SYSTEM SHALL BE DISINFECTED. DISINFECTION SHALL BE IN ACCORDANCE WYARDS/AWAR 0.059-0-5 STD. BACTERIO.COCAL TESTS SHALL BE TAKEN TWO (2) CONFECUTIVE DAYS, AT LEST 44 HOURS APARE AND SHALL BE IT ALSO TOES SAMPLE FOR 1.200 FEET OF WAIN THE SYSTEM. THE SAMPLE SHALL HAVE A HETEROTROPHIC PLATE COUNT (HPC) LESS THAN 500 GTU/ML AND SHALL BE FREE OF COLFORD BACTERS.
- 18. AT THE TIME OF BACTERIOLOGICAL SAMPLING, CHLORING RESDUAL DETERMINATION SHALL BE MADE TO INSURE THAT CHLORING CONCENTRATION IN THE MAIN IS NO HIGHER THAN THAT CENERALLY IN THE SYSTEM (A.O. MAC), FREE OR 4.0 May, C-CUBINED MAXIMAJ, OR LISST HAZO 2 May, FREE OR 6.0 MAY, COMBINED, THE RESULT SHALL BE REPORTED ALONE WITH THE BACTERIOLOGICAL TEST RESULTS. ALL TESTING SHALL BE COORDINATED AND PRAD FOR BY THE CONTRACTOR.

MINIMUM REQUIRED AS-BUILT INFORMATION

ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR, AND LEGBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.

2. STORM DRAINAGE

- A. TOP ELEVATION OF EACH MANHOLE FRAME AND COVER / GRATE AS WELL ALL OTHER STRUCTURES (HEADWALLS, CONTROL STRUCTURES, ETC.).
- B. INVERT ELEVATION OF EACH LINE ENTERING AND LEAVING EACH STRUCTURE, INCLUDING UNDERDRAIN
- D. ACTUAL GRADE OF PIPE BETWEEN THE STRUCTURES
- INVERT ELEVATION AND TWO HORIZONTAL TIES FROM PERMANENT VISIBLE OBJECTS TO ALL STORM STUB-OUTS.
- CONTRACTOR SHALL PROVIDE ACCURATE AS-BULT DIMENSIONS AND ELEVATIONS OF THE STORM WATER MANAGEMENT AREAS MANCIDIEST AFERS THE SHALL GREANING AND PRIOR TO SEEDING OF SCIONIC OF THE SHALL PROVIDED FROM THE SHALL PROVIDED FROM

- 5. REVISIONS TO ELECTRICAL CIRCUITRY.
- 8. CHANGES MADE FOLLOWING ENGINEER'S WRITTEN ORDERS.
- 11. ALL SLEEVES, FITTINGS, TEES, BENDS, VALVES, ETC. SHALL BE LOCATED BY MORTHING AND EASTING (OR METHINAPPROVED BY ENGHEER) AND ELEVATION OF TOP OF PIPE TO ALL CONSTRUCTED SLEEVING, AS-BUILTS FOR ALL SLEEVING DEPICHING TOP OF PIPE AT 100-PCOT INTERVALS MUST BE PROVIDED.
- 12. RECORD DRAWINGS SHALL INDICATE AS-BUILT DATA FOR EVERY ELEVATION SHOWN ON THE PLANS
- IF A NEW BENCHMARK LOCATION IS ESTABLISHED, CONTRACTOR SHALL PROVIDE A BENCH LOOP CLOSURE CLOSEST EXISTING BENCHMARKS IN BOTH DIRECTIONS, ALL BENCHMARK DATA SHALL BE SUBMITTED BY A REGISTERED LAND SURVEYOR.
- 14. IDENTIFICATION OF ADDENDUM ITEMS ISSUED DURING BIDDING PERIOD.
- 15. THE CONTRACTOR IS RESPONSBLE FOR ENSURING THAT ALL AS-BUILT DATA FOR UTILITIES AND SLEEVING IS COLLECTED PRIOR TO PAVEMENT SECTION CONSTRUCTION. PREMINARY UTILITY AS-BUILTS MUST BE PROVIDED THE ENSUREER FOR REVIEW PRIOR TO PAVEMENT SECTION CONSTRUCTION.

- A. ACTUAL LENGTHS BETWEEN BRANCHES AND VALVES ALONG THE MAIN RUN.
- B. TOP OF PIPE AND FINISHED GRADE ELEVATIONS AT 100' INTERVALS.
- C. LOCATE WITH MEASUREMENTS FROM PERMANENT VISIBLE OBJECTS ALL FITTINGS/ACCESSORIES NOT VISIBLE FROM THE SURFACE (MINIMUM TWO POINT TIES).
- AS-BULT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROWDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
- UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SHART TO THE DROWLES OF RECORD COMPLETE SETS OF AC-BUILT CONSTRUCTION DRAWNES AS REQUIRED FOR SHARITA, AND APPROVAL PRIESE DRAWNS SHALL BE MANKED TO SHOW AS-BUILT CONSTRUCTION OF AND ELECTRONIC ON THE CONTRACT AND DESCRIPTION OF ALL BUT CONTROLL OR OTHER CONTRACT AND SHALL BE SORIED AND SEALED BY A FLORIDA RECISTRED LAND SHAPE FOR

- B. TOP ELEVATION OF BOTTOM PIPE C. BOTTOM ELEVATION OF TOP PIPE
- D. FINISH SURFACE ELEVATION OVER UTILITY CROSSING

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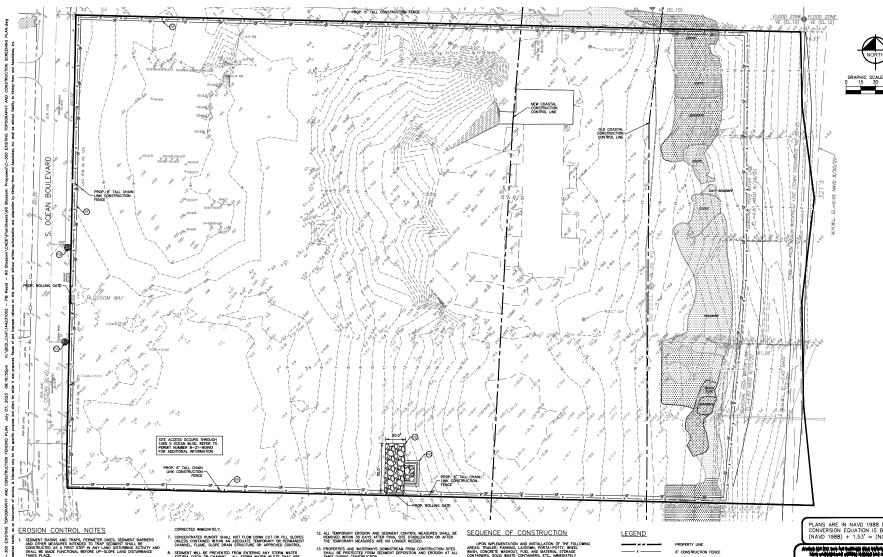
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NOTES



PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDD AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY POPORTION OF THE STREET. TEMPORARY SOIL ORDUDED AREAS THAT MAY NOT BE AT FINAL CRADE BUT MILL REMAN DIOISITIERED FOR LONGER THAN LO DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.

- A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
- . AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE

- CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
- CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
- THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPEN
- D. DEWATERMS ACTIVITIES:
 A. DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
 B. FERMING TOR MUST HAVE A TRANSFERABLE SYMMO DEMATERING
 C. NO HYDRAULIC PUMPS MAY BE MUST FOR PEWATERING UNLESS
 APPROVED BY THE WAITE MANAGEMENT DISTRICT FOR THAT AREA.
- ALL CONSTRUCTION FENCE SHALL HAVE OPAQUE SCREENING TO SCREEN
 VIEWS INTO THE PROPERTY AS WELL AS PREVENT WIND-BLOWN

PHASE 2:

1. PERFORM MASS GRACIES RECOVERED TO ESTABLISH

1. PERFORM MASS GRACIES RECOVERED TO ESTABLISH

2. CONSTRUCT PROPOSED BRANAGE REPASTRUCTURE

1. THANGRAINS SEED WITH PIPER LIVE SEED, IMPRODUCTURE

FOR 7 DAYS OF MORE OR AS ESCURED BY CHARRIES

FOR 7 DAYS OF MORE OR AS ESCURED BY CHARRIES

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SOURCE OF CONSTRUCTION SHOW, ADDRESS IS A CRIDERAL OFFINER AND SENTINGED TO DOWN THE CRIDERAL COURSETS OF THE ENDORSON CONTRICTION AND SHOULD THOSE RELIED THOSE TO CONSTRUCTION PROPRIESS. THE CONTRICTION AND SHOULD THOSE RELIED THOSE TO CONSTRUCTION PROPRIESS. THE CONTRICTION SHALL NOTIFY DROBLES IN SHOWING MEMBERS THE PROPRIESS OF THE CONTRICTION SHALL NOTIFY DROBLES IN SHOWING MEMBERS THE CONTRICTION SHALL NOTIFY DROBLES IN SHOWING MEMBERS THE CONTRICTION SHALL NOTIFY DROBLES IN SHOWING THE SHALL NEED THE CONTRICTION SHALL NEED THE CONTRICTION SHALL RESPONSIBLE FOR COMPITION WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

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CE) CONSTRUCTION ENTRANCE CONCRETE TRUCK AND TIRE WASH OUT

EXISTING ELEVATION

SCREENING NOTES

ALL CONSTRUCTION FENCE SHALL HAVE OPAQUE SCREENING TO SCREEN VIEWS INTO THE PROPERTY AS WELL AS DECIDENT WIND.—BLOWN EROSON

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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS

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PLANS ARE IN NAVD 1988 DATUM CONVERSION EQUATION IS BELOW: (NAVD 1988) + 1.53' = (NGVD 1929

> date JULY 2023 inc NOT FOR CONSTRUCTION

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Kimley»Hom © 2023 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S. CONGRESS AVE, SUITE 201 DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM REGISTRY 35106

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JASON A. WEBBER, P.E FL LICENSE NUMBER 73962

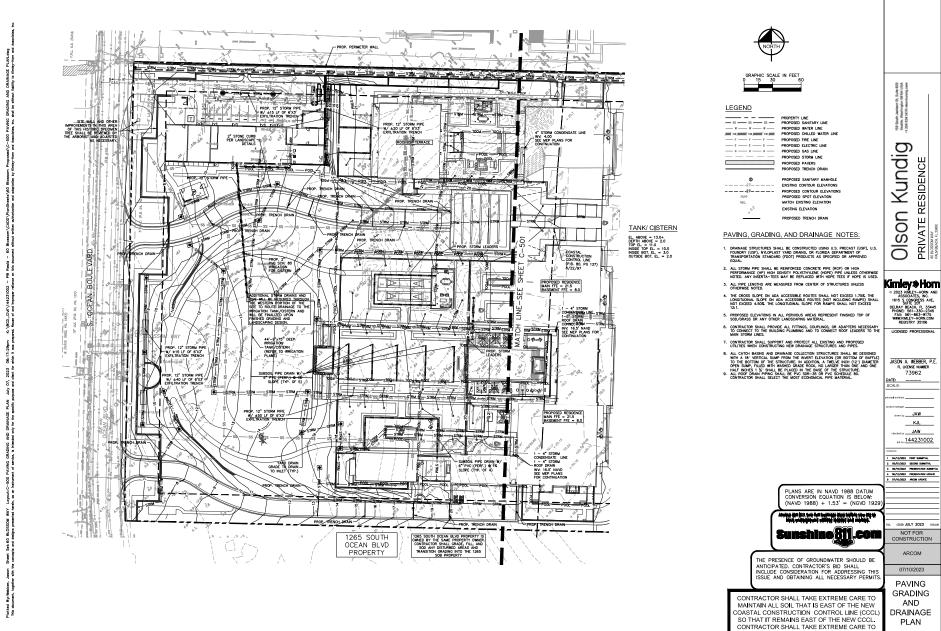
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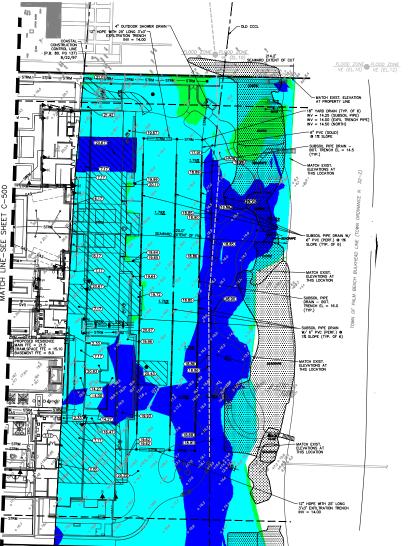
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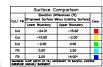
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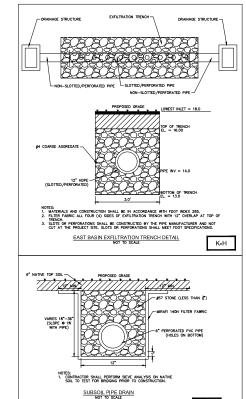
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GRAPHIC SCALE IN FEET 0 15 30

LEGEND

PROPERTY LINE
EXISTING CONTOUR ELEVATIONS
PROPOSED CONTOUR ELEVATIONS
PROPOSED SPOT ELEVATION
MATCH EXISTING ELEVATION
EXISTING ELEVATION
EXISTING ELEVATION

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EXIST. RESIDENCE AND HARDSCAPE EXTENTS

PAVING, GRADING, AND DRAINAGE NOTES:

- DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USP), INTLOPLAST YARD DRAINS, OR FLORIDA DEPARTMENT OF TRAINSPORTATION STANDARD (FDDT) PRODUCTS AS SPECIFIED OR APPROVED EQUAL.
- ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH PERFORMANCE (HP) HIGH DENSITY POLYETHYLENE (HDPE) PIPE UNLESS OTHERWISE NOTED. ANY INSERTA—TESS MAY BE REPLACED WITH HIPE TESS IF HDPE IS USED.
- ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
- THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 1.75%. THE LONGTUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 4.50%. THE LONGTUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12-1.
- PROPOSED ELEVATIONS IN ALL PERVIOUS AREAS REPRESENT FINISHED TOP OF SOD/GRASS OR ANY OTHER LANDSCAPING MATERIAL.
- CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
- 8. ALL CATCH BASINS AND DRAINAGE COLLECTION STRUCTURES SHALL BE DESIGNED WITH A 18" VERTICAL SUMP FROM THE INVEST ELEVATION (OR BOTTOM OF BAFFLE TO THE BOTTOM OF THE STRUCTURE. IN ADDITION, A TWELVE INCH (12") DIAMETER OPEN SUMP, FILLED WITH WASHED GRADE ROCK, NO LANGER THAN ONE AND ONE HALF INCHES 1 15" SHALL BE PLACED IN THE BASE OF THE STRUCTURE.

COASTAL CONSTRUCTION CONTROL LINE (CCCL) GRADING NOTES:

 TWELVE INCH (12") SURFACE LAYER WITHIN FOOTPRINT OF EXISTING RESIDENCE AND HARDSCAPE SURFACES (SEAWARD OF NEW CCCL), ASSUMED TO BE NON IN-SITU (CONTAMINATED WITH CONSTRUCTION DEBRIS, SHELL ROCK AND OTHER FOREIGN MATERIALS), IS TO BE REMOVED AND HAS BEEN DEDUCTED FROM THE TOTAL EXCANATION CALCULATION.

 If NCCESSARY, THE PROPOSED IMPORTED FILL MATERIAL TO BE USED SEAWARD OF THE CCL SHALL COMPLY WITH THE SPECIFICATIONS/CRITERIA OF SUBSECTION 628—33.05(7), F.A.C.

3. BOTH PROPOSED AND EXISTING SURFACES ACCOUNT FOR EIGHT INCHES (8") OF BUILDING SLAB/ HARDSCAPE THICKNESS.

GRADING WITHIN DUNE AREA SHALL BE AT A STABLE SLOPE AND SHALL NOT EXCEED
 4:1 (25%).

 EXISTING CONDITIONS BASED ON BOUNDARY SURVEY PREPARED BY WALLACE SURVEYING CORP. (REVISED 09/15/20, DWG NO. 97-1019-7).

CCCL EXCAVATION TABULATION
EXCAVATION = 3219 CY
FILL = 4924 CY
NET = 1705 CY (FILL)

K-H

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FAX: 561-833-875
WWW. SERVICOM
REGISTRY 35106

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PRIVATE RESIDENCE

FL LICENSE NUMBER 73962 DATE: _____

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10 06/16/2023 SECOND SUBMITIAL

10 06/16/2023 PRESENTATION SUBMITIAL

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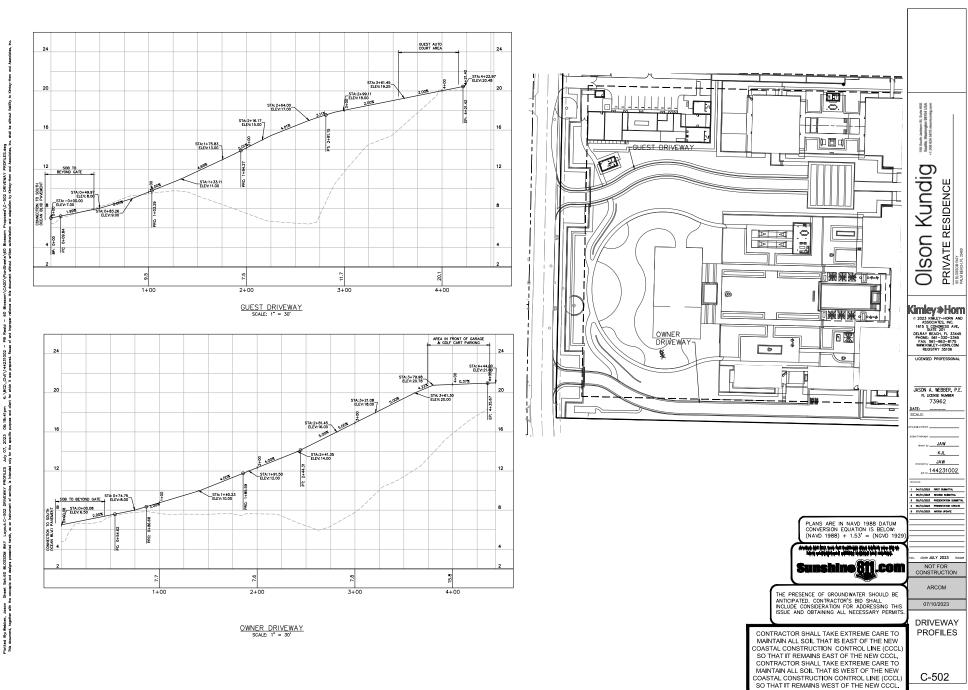
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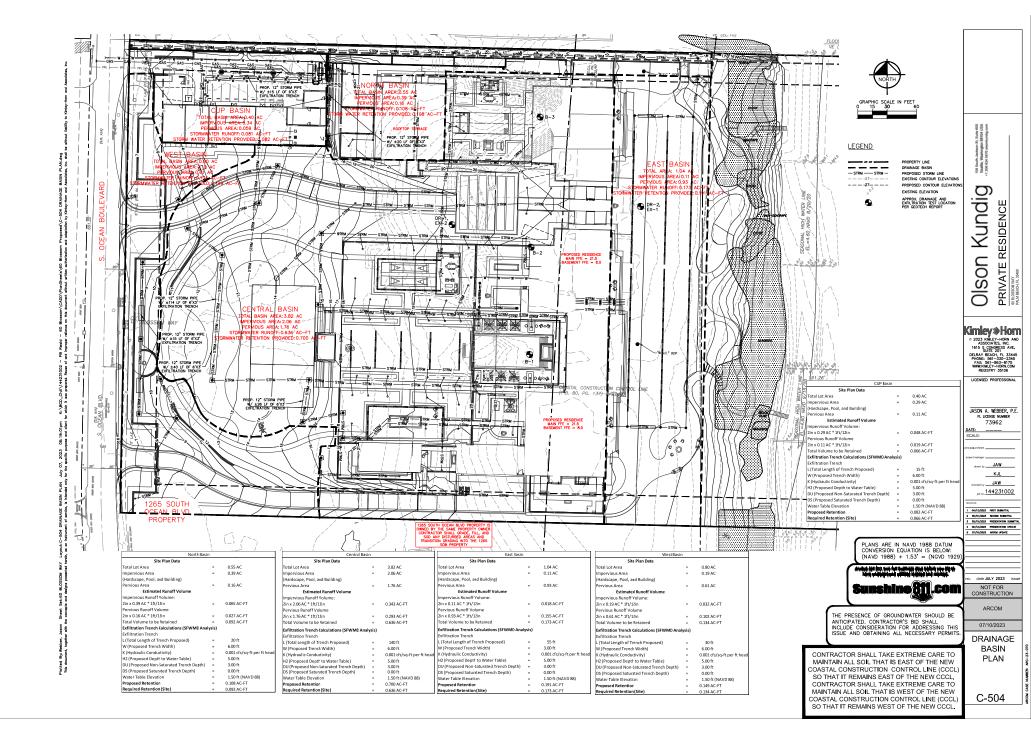
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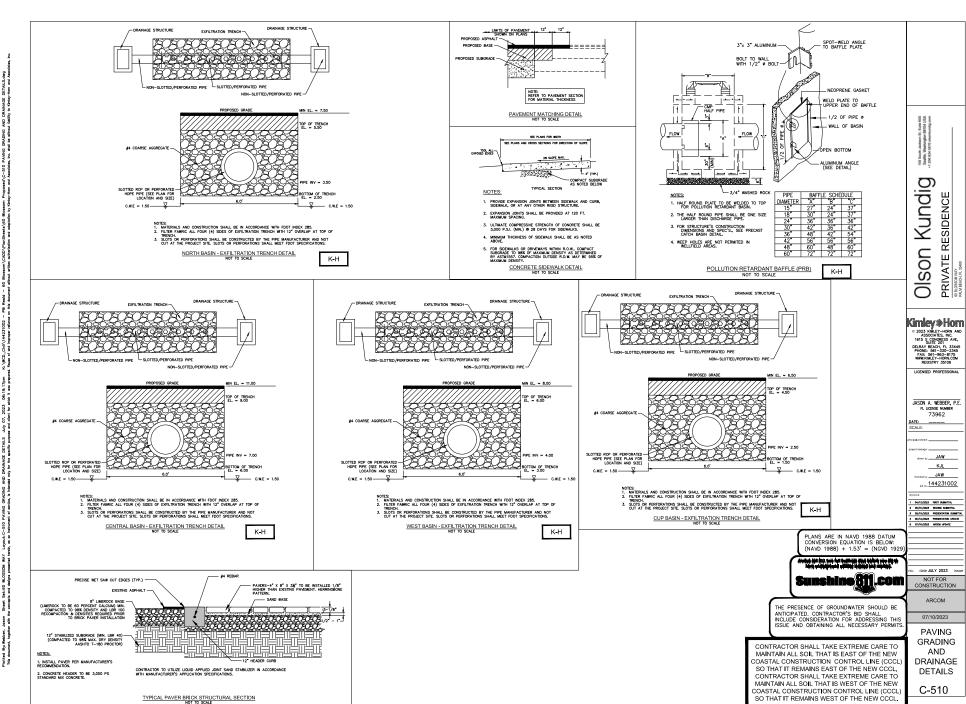
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RELIMINARY CCCL GRADING AND DRAINAGE



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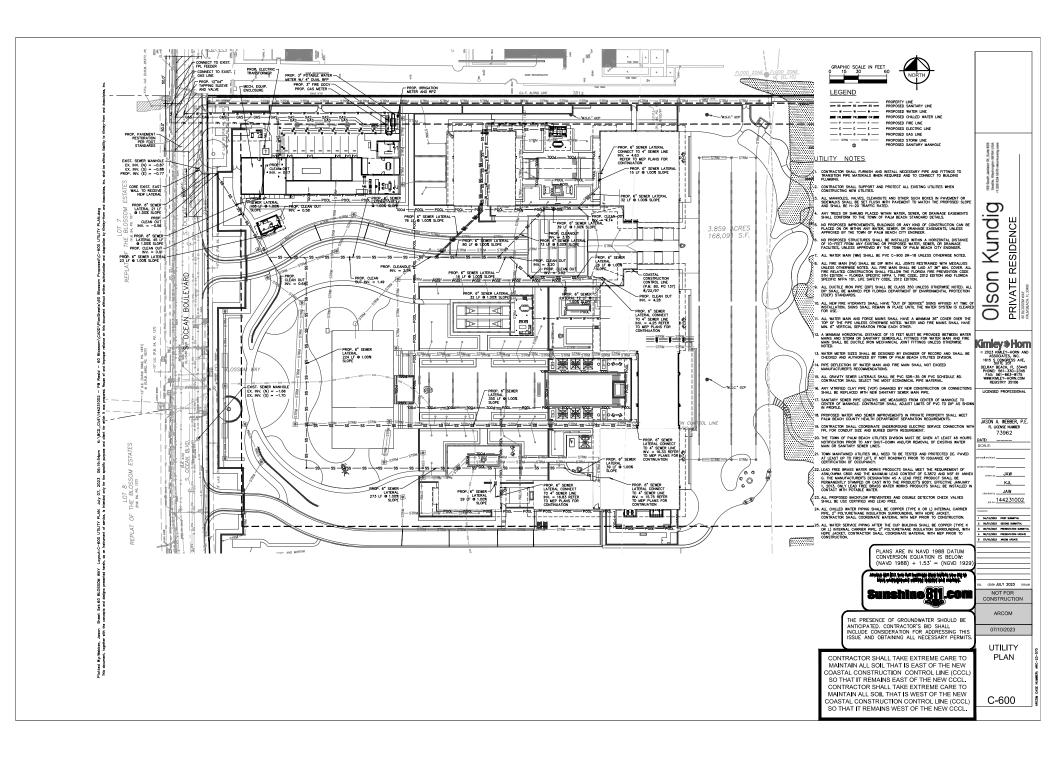
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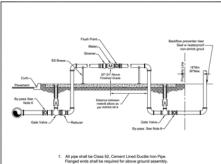
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GRADING DRAINAGE





- Flanged ends shall be required for above ground assembly.

 Enginer of Record must supply flow calculation to establish acceptable water volume and pressure from the water main to the house or business. Such calculations shall be signed and sealed by a Florida Licensed Engineer.

 3. Reducer needs to be underground
- 4. Engineer shall detail meter service assembly on plans.
- Install by-pass piping around meter to allow meter to be tested repaired. By-pass piping shall be the same size as the meter size.

CITY OF WEST PALM BEACH

6. By-pass piping not shown for clarity.

REVISED: SEPT-2019

- PB Resid -Reuse of and it

K:\BCD_CIVII\144231002 -client for which it was prepared.

- All above ground assemblies shall be painted.
 See Water Service Standard WS-4 for below ground meter.

R SERVICES - 3" & 4" DOMESTIC ABOVE GROUND METER	STANDARD DETAIL	

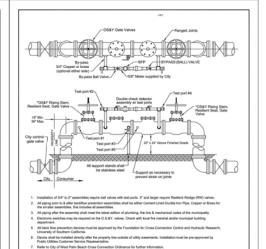
WS-3

LISTING OF COMPONENTS:

- Two 4" Resilient Wedge (RW) valves, with locking valve boxes & lids each side of the meter. Valves to be installed in line with or as close as possible to the meter.
- B. Two Series 2100 3" Megalug, locking style flange adapters, one on each side of
- C. One 3" flanged meter to be paid for by contractor and supplied by the City of West Palm Beach. Call for length of meter.
 - C.1 A length of straight pipe equal to 5 times the diameter shall be installed installed before the meter & after the strainer.
 - C.2 A length of straight pipe equal to 3 times the diameter shall be installed
- One strainer, same size as meter, flanged, bronze case with strainer to be supplied by the contractor. Ccall for dimensions.
- E. 4" x 3" Mechanical Joint reducers before and after the meter. These may not be sed in lieu of the straight pipe (see c.1 & c.2).
- F. 4" x 6" vault with a lock down heavy duty aluminum traffic lid with spring loaded hinges. Vault & lid are to be positioned so meter dial is centered under meter reader's lid.
- G. Service is to be offset to the proper height using one grouping of the following:
 - G.1 One 4" mechanical joint offset
 - G.2 -Two 4" mechanical joint 90" bends w/ straight pipe as required.
 - G.3 -Two 4" mechanical joint 45" bends w/ straight pipe as required.
- Install typess piping around meter to allow meter to be tested, repaired or replaced. Bypass piping shall be the same size as the meter size.
 - H.1- Two F.J. Resilient Wedge valves w/ wheel handles & megalug flange adapters series 2100.
 - H.2 Two Mechanical Joint tees
 - H.3 One flanged tee, one flange plate tapped for 2* N.P.T., one
 - 2" brass nipple, one locking style 2" curb stop w/ 2" brass plug H.4 - Two Mechanical Joint 90° elbows.
- I. Flush point to test meters and to flush system
 - I.1- 3" flanged tee tapped for 2", attached to meter 1.2 - 2"x 3" brass ripple

 - 1.3 2" locking style curb stop
 - I.4 2" brass plug

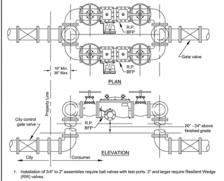
REVISED: SEPT-2019	WATER SERVICES - 3" & LARGER DOMESTIC METER LEGEND	
	CITY OF WEST PALM BEACH	WS-4.1



REVISED: SEPT-2019	FIRE LINE - DOUBLE DETECTOR ASSEMBLY and METER INSTALLATION	STANDARD DETAIL
	CITY OF WEST PALM BEACH	WS-5

Engineer of Record must supply flow calculation to establish acceptable water volume and pressure the house or business. Buth calculations shall be signed and sealed by a Florida Licensed Engineer.

10. All brass or copper in contact with polable water shall be "LEAD FREE"



- All piping before & after backflow prevention assemblies shall be either cemert lined ductile iron pipe, copper brass for the smaller assemblies. This includes all assemblies, irrigation & file line devices. All piping after the assembly shall meet the local Plumbing/Mechanical Codes (latest edition) of the municipality.
- All backflow prevention devices must be approved by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California.
- 4. Refer to City of West Palm Beach Cross Connection Ordinance for further information Assembly shall be installed directly after the meter on private property outside of utility easements.
- 6. Installation must be pre-approved by City of West Palm Beach customer service representative.
- Engineer of Record must supply flow calculation to establish acceptable water volume and pressure from the water main to the house or business. Such calculations shall be signed and sealed by a Florida Licensed Engineer.
- 8. Only one RP backflow preventor required, second backflow preventor shown for redundancy.
- 9. All brass or copper in contact with potable water shall be "LEAD FREE".

VISED:	WATER SERVICES - 3" & LARGER REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY	STANDARD DETAIL	
T 2019	CITY OF WEST PALM BEACH	WS-7	

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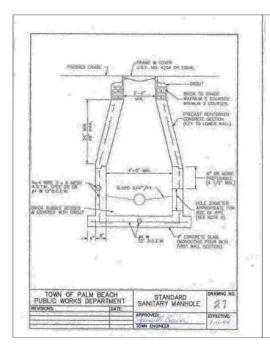
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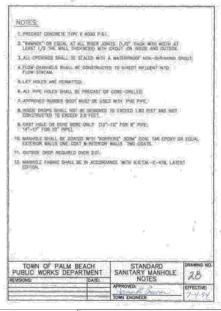
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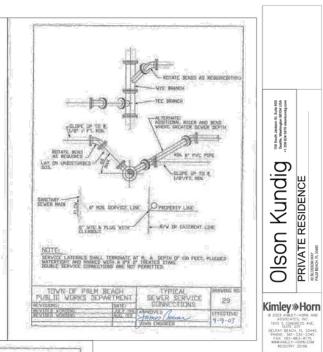
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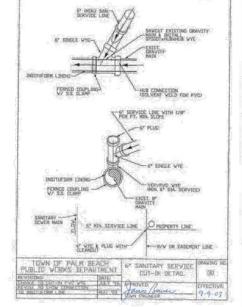
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WATER **DETAILS**











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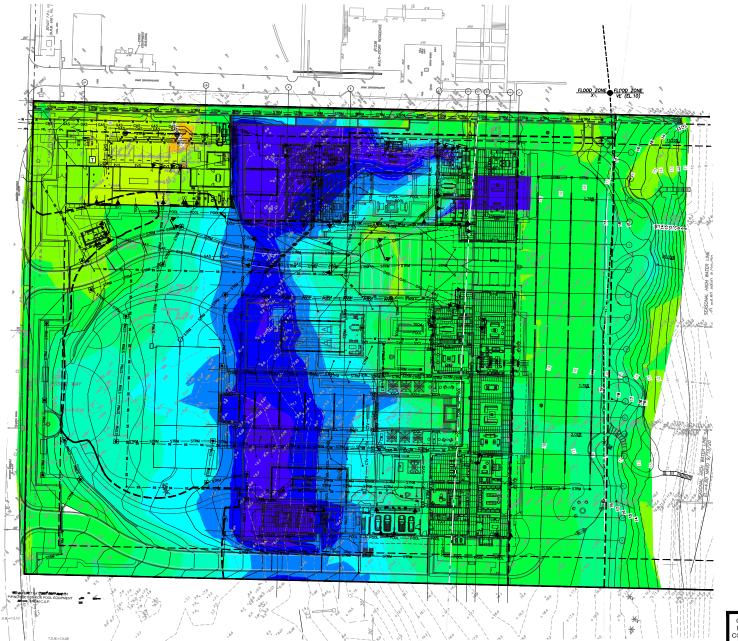
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SEWER **DETAILS**



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GRADING AND DRAINAGE July 07, 2023 of pervice, is intended only for the specific purpose

PRELIMINARY CCCL herein, as an instrument

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<u>LEGEND</u>

PROPERTY LINE EXISTING CONTOUR ELEVATIONS PROPOSED CONTOUR ELEVATIONS EXISTING ELEVATION

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CUT	-2.00 ±		
FILL	0.00 ±		
FILL	2.00 ±	•	
FILL	4.00 ±	-	
FILL	6.00 ±		
FILL	8.00 ±	•	
FILL	10.00 ±		
FILL	12.00 ±		
FILL	14.00 ±		

(a) THE LOT GRADE OF ANY PROPERTY SHALL NOT EXCEED GRADE ELEVATION HEIGHT OF HALF THE DIFFERENCE BETWEEN THE LOWEST HABITABLE FINISHED FLOOR OF THE PRINCIPAL STRUCTURE AND THE HIGHEST CROWN OF THE ROAD IN FRONT OF THE FOAD

THE EDIATION IS AS FOLLOWS:
CORE-HIGHEST CROWN OF ROAD WHERE THE PRINCIPAL
STRUCTURE FRONTS ONTO — 8.22 MAZU 1988.
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LOT = (6.82 + 2.13) / 2 — 12.21 FEET OF FILL ALLOWED.

PRIVATE RESIDENCE

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ASSOCIATES, NO.
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DERRY BEACH, FL 33445
PHONE: 581-330-2345
FAX: 561-833-8175
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REGISTRY 35106

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JASON A. WEBBER, P.E. FL LICENSE NUMBER 73962

drawn by ____JAW TVC

decided by ____JAW ,tem. 144231002

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07/10/2023 FDOT SIGHT TRIANGLE EXHIBIT GUEST

DRIVEWAY

Carden And Associates No. 1615 S. CONGRESS NO. 1615

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06/H2/2023 FRESENTATION SPEAK
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FDOT SIGHT TRIANGLE EXHIBIT OWNER DRIVEWAY

Canal Mark - Horn

2 202 Muley - Horn AND
ASSOCIATES, NO.
1615 S, ODOGGESS AVE.
DERAY BEACH, FL. 324-45
PRONE 501-320-2345
PRONE 501-320-2345
WINI SMILEY - HORN COM
REGISTRY 35106

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