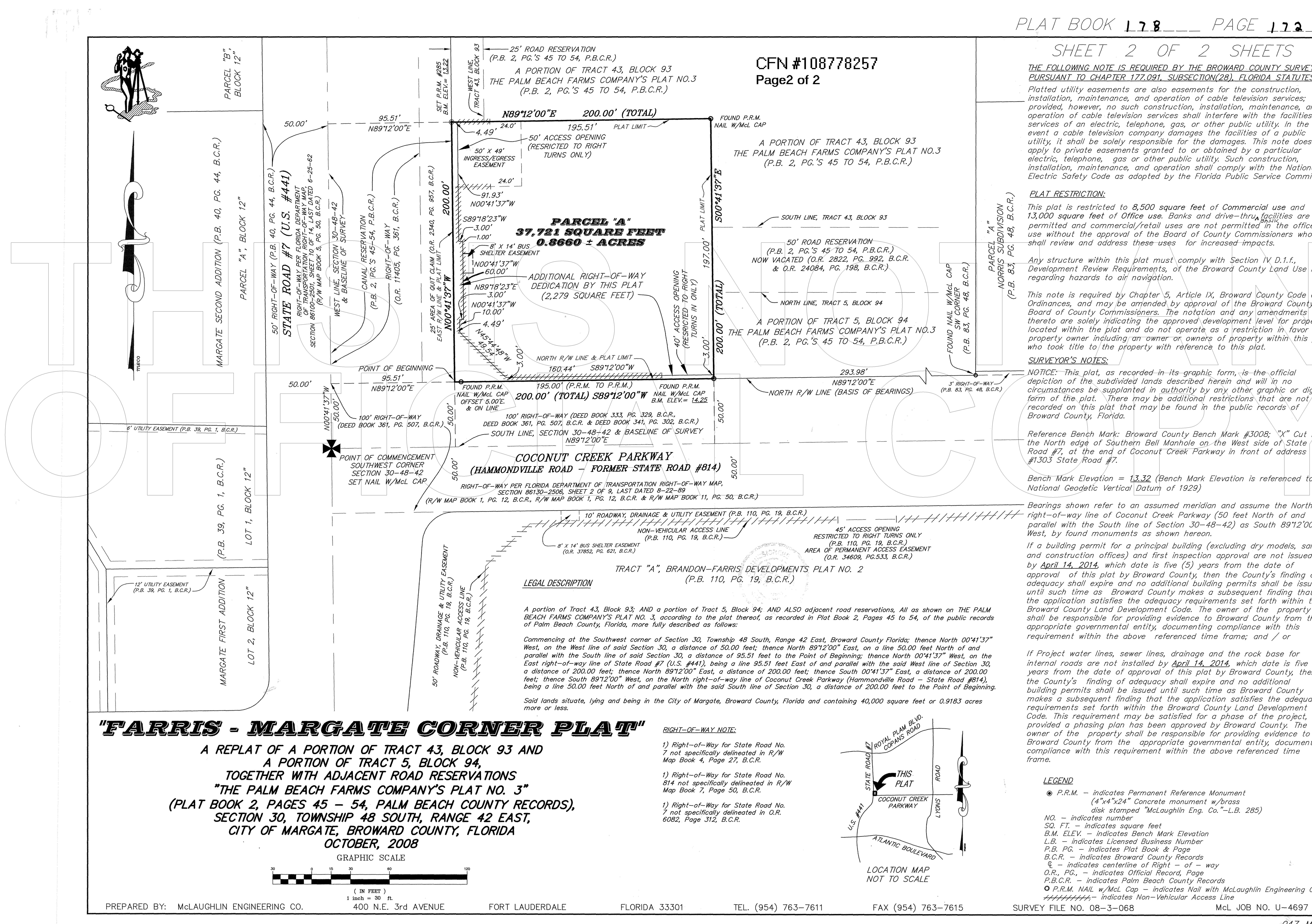
ens <u>DEDICA TION</u> STATE OF FLORIDA SS KNOW ALL MEN BY THESE PR COUNTY OF BROWARD owners of the lands described be subdivided and platted as shown hereon, said plat Tract 43, Block 93 and a portion of Tract 5, Block 9. Pages 45 – 54, Palm Beach County Records, being I Florida The additional thoroughfare dedication is hereby dedication Easements, as shown hereon, are hereby dedicated to IN WITNESS WHEREOF: We hereunto set our hands in \_\_\_\_, this \_\_\_\_\_ day of OCT State of FLORIDA Witness (as to both): M. alexande Name of Witness (as to both): M. alepande Name of v <u>ACKNOWLEDGMENT</u> STATE OF FLORIDA de The foregoing instrument we COUNTY OF BROWARD " by James G. Farris and Shirl personally known to me or have produced \_\_\_\_\_, as iden 7 did take and oath. ] did not take an oath. · Calix B. Upplinele\_ NOTARY PUBLIC L Name of Notary printed LABOLYN D. HpplegATE FARRES MAR A REPLATOF A PO A PORTIO TOGETER WITH "THE PALM BEAC (PLAT BOOK 2, PAGES 4 SECTION 30, TOW CITY OF MARGA PREPARED BY: MCLAUGHLIN ENGINEERING CO.

# CFN#108778257, Page1 of 2 Recorded 08/06/2009 at 12:40 PM

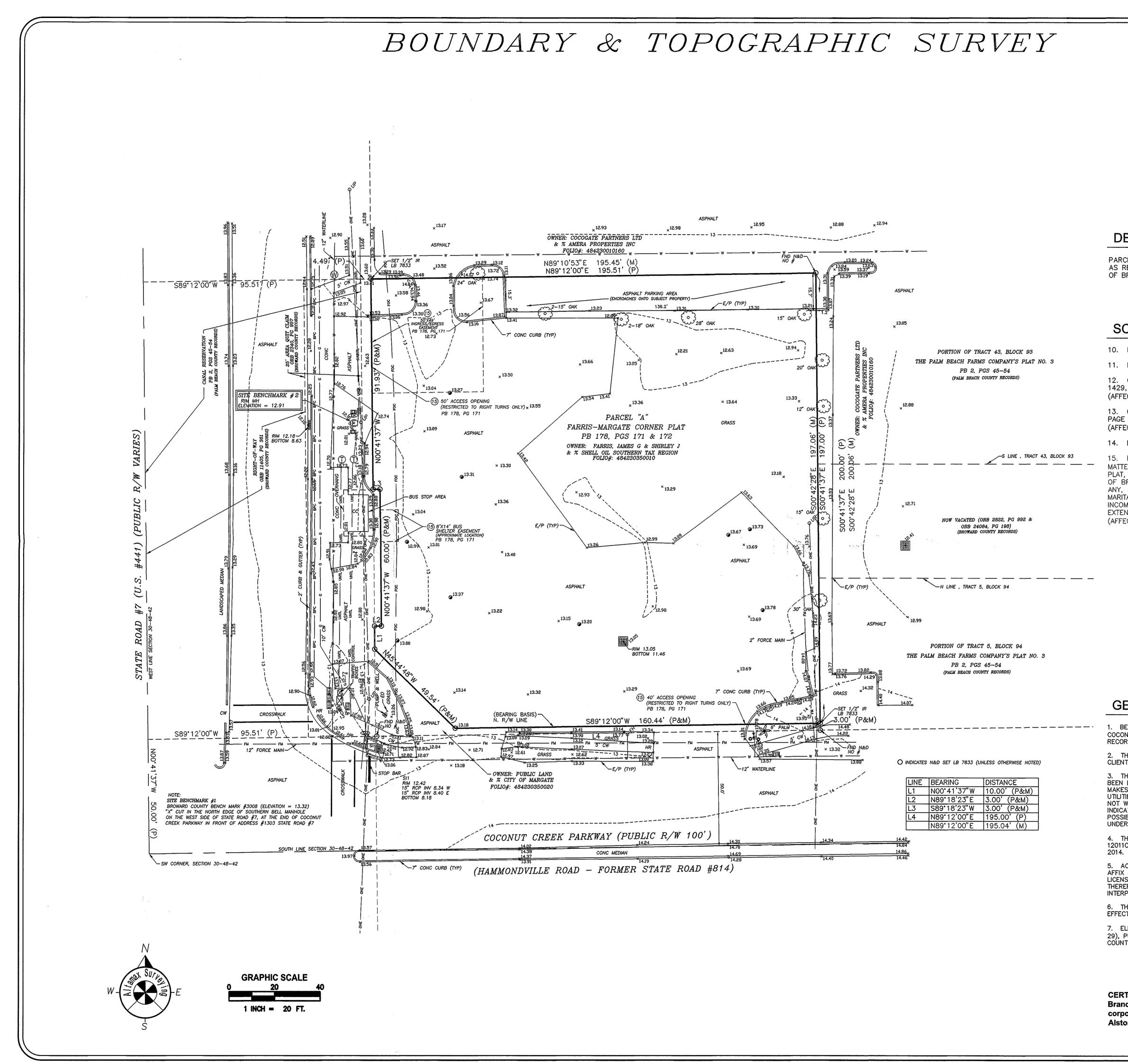
the public fo	ıblic for roads and r purposes as indic		ounty,
		James G. Farris: Mul Shirley J. Farris: Mul	
vas acknowledge irley J. Farris.	ed before me this _	15 day of Allopeq	, 20 <u>08</u> ,
of FLORIDA		Commission # DD402626 Commission # Commission #	
		SEAL	

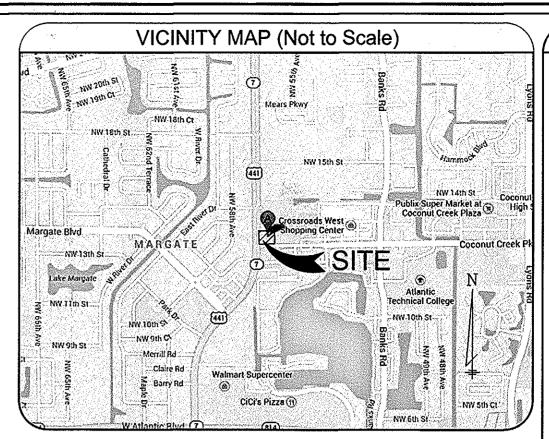
PLAT BOOK LIB \_\_\_ PAGE LIL 1 OF 2 SHFFTS SHFF 1 <u>CITY OF MARGATE PLANNING AND ZONING BOARD</u> Howard BROWN VICE <u>City of</u> <u>Margate</u> CITY COMMISSION STATE OF FLORIDA STATES IS TO CERTIFY: That this plat has been accepted and approved for record by the CITY COMMISSION OF COUNTY OF BROWARD STATES THE CITY OF MARGATE, FLORIDA, in and by RESOLUTION NO. <u>1-389</u>, adopted by the said City Commission, this <u>21<sup>st</sup></u> day of <u>January</u>, 2009. No building permits shall be issued for the construction, expansion, and/or conversion of a building within this plat until such time as the developer provides this municipality with written confirmation from Broward County that all applicable impact fees have been paid or are not due. Pam Donovan David Melean, Mayor, this \_\_\_\_\_ day of <u>February</u>\_\_\_\_, 20 <u>09</u>. ra- 12-City Engineer's ? <u>CITY ENGINEER'S SIGNATURE</u> This plat is approved and accepted for record this  $28^{n}$  day of  $50^{4}$ ,  $30^{4}$ ,  $20^{6}$ . Azday \_ RAVIKANTH R. CHITERY City Engineer, Florida P.E. Registration No. 53835 BROWARD COUNTY ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DEPARTMENT This plat is approved and accepted for record this <u>29</u> day of <u>July</u>, Ral M. Dont Director / Designee 20<u>9</u>. By: BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING SERVICES DIVISION This plat has been approved and accepted for record. : Rolt P. Jacob 1/29/09 7/28/09 Richard Tornese (date) Professional Surveyor and Mapper (date) Director Florida Registration Number: LS 4030 Professional Engineer Florida Registration Number 40263 BROWARD COUNTY PLANNING COUNCIL TAIS IS TO CERTIFY: That the Broward County Planning Council approved this plat subject to its compliance with dedication of right-of-way for trafficways this 20<sup>TH</sup> day of <u>November</u> Chairberson This plat compliant \_Chairperson This plat complies with the approval of the Broward County Planning Council of the above date and is approved and accepted for record this 4 \_\_\_\_\_ day of Muut20\_09. Executive Director or Designee BROWARD COUNTY FINANCE AND ADMINISTRATIVE SERVICES DEPARTMENT - COUNTY RECORDS DIVISION - MINUTES SECTION THIS IS TO CERTIFY: That this plat complies with the provisions of Chapter 177, FLORIDA STATUTES, and was accepted for record by the Board of County Commissioners of Broward County, Florida, this 14 S day of April \_\_\_, 20\_09, ATTEST BERTHA HENRY - COUNTY ADMINISTRATOR By: Juil Ca Much Jutch Mayor - Broward County, Florida. Deputy BROWARD COUNTY FINANCE AND ADMINISTRATIVE SERVICES DEPARTMENT – COUNTY RECORDS DIVISION – RECORDING SECTION ATTEST: BERTHA HENRY - COUNTY ADMINISTRATOR By: Mary C. Williams Deputy SURVEYOR'S CERTIFICATE CREATED OCT. 1ST I HEREBY CERTIFY: That the attached plat is a true and correct representation of the lands recently surveyed, STATE OF FLORIDA 22 subdivided and platted under my responsible direction and supervision, that the survey data shown complies with the COUNTY OF BROWARD applicable requirements of Chapter 177, Part 1, FLORIDA STATUTES, and further that the PERMANENT REFERENCE MONUMENTS (P.R.M.'S) were set in accordance with Section 177.091 of said Chapter 177, on this <u>JOH</u> day of <u>JUly</u>, 20<u>09</u>. The BENCH MARKS shown are referenced to NATIONAL GEODETIC VERTICAL DATUM OF 1929 and were established in conformity with the standards adopted by the National Ocean Survey for Third Order Vertical Control. This plat conforms to all applicable sections of Chapter 61G17-6, FLORIDA ADMINISTRATIVE CODE. This plat dated at Fort Lauderdale, Florida, this <u>7th</u> day of <u>October, 2008</u>. CREATER OCT. 18 1915 Serald A. McLaughlin · COUNTY ... Registered Land Surveyor No. 5269 State of Florida. for MCLAUGHLIN ENGINEERING COMPANY 400 Northeast 3rd Avenue Fort Lauderdale, Florida 33301 Certificate of Authorization Number: LB 285 TEL. (954) 763-7611 FAX (954) 763-7615 McL JOB NO. U-4697 SURVEY FILE NO. 08-3-047 - MP - 08



THE FOLLOWING NOTE IS REQUIRED BY THE BROWARD COUNTY SURVEYOR
PURSUANT TO CHAPTER 177.091, SUBSECTION(28), FLORIDA STATUTES: Platted utility easements are also easements for the construction, installation, maintenance, and operation of cable television services;
provided, however, no such construction, installation, maintenance, and operation of cable television services shall interfere with the facilities and services of an electric, telephone, gas, or other public utility. In the
event a cable television company damages the facilities of a public utility, it shall be solely responsible for the damages. This note does not
apply to private easements granted to or obtained by a particular electric, telephone, gas or other public utility. Such construction, installation, maintenance, and operation shall comply with the National Electric Safety Code as adopted by the Florida Public Service Commission.
PLAT RESTRICTION:
This plat is restricted to 8,500 square feet of Commercial use and 13,000 square feet of Office use. Banks and drive—thru, facilities are not permitted and commercial/retail uses are not permitted in the office use without the approval of the Board of County Commissioners who shall review and address these uses for increased impacts.
Any structure within this plat must comply with Section IV D.1.f., Development Review Requirements, of the Broward County Land Use Plan, regarding hazards to air navigation.
This note is required by Chapter 5, Article IX, Broward County Code of Ordinances, and may be amended by approval of the Broward County Board of County Commissioners. The notation and any amendments thereto are solely indicating the approved development level for property located within the plat and do not operate as a restriction in favor of
property owner including an owner or owners of property within this plat who took title to the property with reference to this plat.
SURVEYOR'S NOTES: NOTICE: This plat, as recorded in its graphic form, is the official depiction of the subdivided lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital form of the plat. There may be additional restrictions that are not recorded on this plat that may be found in the public records of Broward County, Florida.
Reference Bench Mark: Broward County Bench Mark #3008; "X" Cut in the North edge of Southern Bell Manhole on the West side of State Road #7, at the end of Coconut Creek Parkway in front of address #1303 State Road #7.
Bench Mark Elevation = <u>13.32</u> (Bench Mark Elevation is referenced to the National Geodetic Vertical Datum of 1929)
Bearings shown refer to an assumed meridian and assume the North right—of—way line of Coconut Creek Parkway (50 feet North of and parallel with the South line of Section 30–48–42) as South 89°12'00" West, by found monuments as shown hereon.
If a building permit for a principal building (excluding dry models, sales and construction offices) and first inspection approval are not issued by <u>April 14, 2014</u> , which date is five (5) years from the date of approval of this plat by Broward County, then the County's finding of adequacy shall expire and no additional building permits shall be issued until such time as Broward County makes a subsequent finding that the application satisfies the adequacy requirements set forth within the Broward County Land Development Code. The owner of the property shall be responsible for providing evidence to Broward County from the appropriate governmental entity, documenting compliance with this requirement within the above referenced time frame; and / or
If Project water lines, sewer lines, drainage and the rock base for internal roads are not installed by <u>April 14, 2014</u> , which date is five (5) years from the date of approval of this plat by Broward County, then the County's finding of adequacy shall expire and no additional building permits shall be issued until such time as Broward County makes a subsequent finding that the application satisfies the adequacy requirements set forth within the Broward County Land Development Code. This requirement may be satisfied for a phase of the project, provided a phasing plan has been approved by Broward County. The owner of the property shall be responsible for providing evidence to Broward County from the appropriate governmental entity, documenting compliance with this requirement within the above referenced time frame.
<u>LEGEND</u>
• P.R.M. – indicates Permanent Reference Monument (4"x4"x24" Concrete monument w/brass disk stamped "McLaughlin Eng. Co."–L.B. 285) NO. – indicates number
SQ. FT. – indicates square feet B.M. ELEV. – indicates Bench Mark Elevation L.B. – indicates Licensed Business Number P.B. PG. – indicates Plat Book & Page
B.C.R. — indicates Broward County Records & — indicates centerline of Right — of — way
0.R., PG., — indicates Official Record, Page P.B.C.R. — indicates Palm Beach County Records • P.R.M. NAIL w/McL Cap — indicates Nail with McLaughlin Engineering Co. Cap
<i>+++++++++,</i>
$\partial A 7 - MP - \partial R$

SHEET 2 OF 2 SHEETS





## DESCRIPTION:

PARCEL A, FARRIS - MARGATE CORNER PLAT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 178, PAGES 171 AND 172, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

## SCHEDULE B-2 EXCEPTIONS NOTES:

### 10. INTENTIONALLY DELETED.

11. INTENTIONALLY DELETED.

12. ORDINANCE NO. 2007-30 RECORDED IN OFFICIAL RECORDS BOOK 44650, PAGE 1429, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. (AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE)

13. ORDINANCE NO. 2007-29 RECORDED IN OFFICIAL RECORDS BOOK 44650, PAGE 1467, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. (AFFECTS SUBJECT PROPERTY, BLANKET IN NATURE)

14. INTENTIONALLY DELETED.

15. RESTRICTIONS, DEDICATIONS, CONDITIONS, RESERVATIONS, EASEMENTS AND OTHER MATTERS AS SET FORTH AND/OR SHOWN ON THE PLAT OF FARRIS - MARGATE CORNER PLAT, RECORDED IN PLAT BOOK 178, PAGES 171 AND 172, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW. (AFFECTS SUBJECT PROPERTY; AS SHOWN HEREON)

# **GENERAL SURVEY NOTES:**

BEARING STRUCTURE BASED ON THE MONUMENTED NORTH RIGHT OF WAY LINE OF COCONUT CREEK PARKWAY; BEING: S8912'00"W PER PLAT BOOK 178, PAGE 171 PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

2. THIS SURVEY REFLECTS ONLY MATTERS OF RECORD AS PROVIDED BY THE CLIENT OR CLIENTS REPRESENTATIVE.

3. THIS SURVEY WAS MADE ON THE GROUND. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

4. THIS SITE LIES IN SHADED ZONE "X", BASED ON FLOOD INSURANCE RATE MAP NO. 12011C0355H, CITY OF MARGATE, FLORIDA AND HAVING AN EFFECTIVE DATE OF AUGUST 18,

5. ACCORDING TO FLORIDA STATUTES, CHAPTER 472.025, A LAND SURVEYOR SHALL NOT AFFIX HIS SEAL OR NAME TO ANY PLAN OR DRAWING WHICH DEPICTS WORK WHICH HE IS NOT LICENSED TO PERFORM OR WHICH IS BEYOND HIS PROFESSION OR SPECIALTY THEREIN. THEREFORE, WE ARE UNABLE TO CERTIFY AS TO MUNICIPAL ZONING COMPLIANCE, INTERPRETATION OF ZONING CODES OR THE DETERMINATION OF VIOLATIONS THEREOF.

6. THIS SURVEY MADE WITH BENEFIT OF COMMITMENT FOR TITLE NO. 2061-3243753, EFFECTIVE: SEPTEMBER 28, 2014, ISSUED BY FIRST AMERICAN TITLE INSURANCE COMPANY.

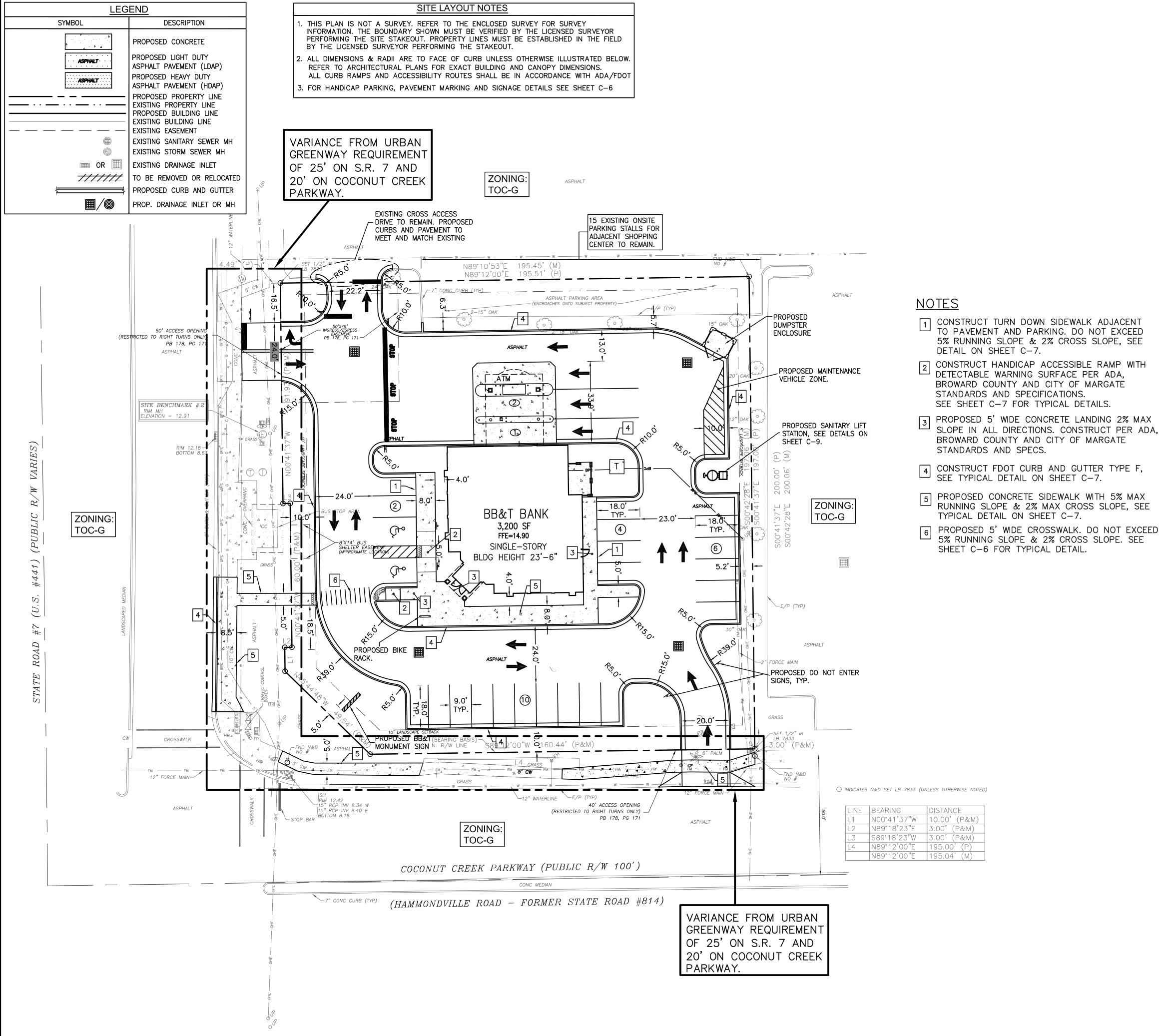
7. ELEVATIONS ARE BASED ON BENCHMARK DESIGNATION #3008, BEING: 13.32 FEET, (NGVD 29), PUBLISHED BY THE HIGHWAY CONSTRUCTION & ENGINEERING DIVISION OF BROWARD COUNTY, FLORIDA.

#### **CERTIFIED TO:**

Branch Banking and Trust Company, a North Carolina banking corporation; James G. Farris; Shirley J. Farris; GrayRobinson, P.A.; Alston & Bird LLP; First American Title Insurance Company



	LEGEND	
	🗘 – AIR RELEASE VALVE	
	✓ – AUTO SPRINKLER BB – BOTTOM OF BANK	
	BC - BACK OF CURB - BACKFLOW PREVENTER BLK - BLOCK	
	BLK BLOCK BFP BACK FLOW PREVENTER BM BENCHMARK	
	• – BOLLARD BPC – BURIED POWER CABLE	
	CALC - CALCULATED C&M - CALCULATED & MEASURED	
	$\Delta$ – CENTRAL ANGLE CBW – CONCRETE BLOCK WALL CC – COVERED CONCRETE	
	CF – CONCRETE FLUME CHW – CONCRETE HEAD WALL	
	CLF – CHAIN LINK FENCE	
	CM – CONCRETE MONUMENT CMP – CORRUGATED METAL PIPE	
	CO – CLEAN OUT CONC – CONCRETE COVD – COVERED	
	CP – CONCRETE PAD CW – CONCRETE WALKWAY	•
	D&M – DEED/DESC & MEASURED DE – DRAINAGE EASEMENT	
	DESC – DESCRIPTION	
	DP – DUMPSTER PAD DW – DRIVEWAY	
	CED – ELECTRIC METER EO – ELECTRICAL OUTLET	
	ESMT – EASEMENT E/P – EDGE OF PAVEMENT	
	FIRM – FLOOD INSURANCE RATE MAP FFE – FINISHED FLOOR ELEVATION	
	FH — FIRE HYDRANT FL — FLOW LINE	
	↔ – FLOOD LIGHT FND – FOUND	
	FOC – FIBER OPTIC CABLE OF <sup>P</sup> – FLAG POLE	
	-G GAS LINE GED - GAS METER	
	>	
	HR – HANDICAP RAMP INV – INVERT ELEVATION IP – IRON PIPE	
	IR - IRON ROD UB - STORM JUNCTION BOX	
	L. − ARC LENGTH ☆ − LIGHT POLE LSA − LANDSCAPED AREA	
	MEAS – MEASURED MF – METAL FENCE	
	ML METAL LID MS METAL SHED	
	– MITERED END SECTION – MONITORING WELL N&D – NAIL & DISK	
	NGVD – NATIONAL GEODETIC VERTICAL DATUM	
	NTS – NOT TO SCALE OHE – OVERHEAD ELECTRIC OL – ON LINE	
	ORB - OFFICIAL RECORDS BOOK OW - OVERHEAD WIRE	
	OWK - OVERHEAD WALKWAY PB - PLAT BOOK	
	PC – POINT OF CURVATURE PDOT – PER DEPARTMENT OF TRANSPORTATION R/W MAP	
	PEP – PER ENGINEERING PLANS PG – PAGE	
	PI – POINT OF INTERSECTION P&M – PLAT & MEASURED	
	POB - POINT OF BEGINNING POC - POINT OF COMMENCEMENT PP - POWER POLE	
	PS - PARKING SPACES PT - POINT OF TANGENCY	
	PVC – PLASTIC PIPE R – CURVE RADIUS	
	RP – RAMP RCP – REINFORCED CONCRETE PIPE R/W – RIGHT OF WAY	
	- SANITARY MANHOLE	
	SAN – SANITARY LINE SN – SIGN SWF – STOCK WIRE FENCE	
	00.00 - SPOT ELEVATION -SD STORM/DRAIN LINE	
	STORM MANHOLE TORM INLET	
	TELEPHONE MANHOLE	
	TP - TRAFFIC POLE 	
	T - TRANSFORMER/JUNCTION BOX	
	TSB - TRAFFIC SIGNAL BOX TSW - TRAFFIC SIGNAL WIRE	
	TYP - TYPICAL UE - UTILITY EASEMENT	
	UP – UTILITY POLE –W– – WATER LINE	
	WF - WOOD FENCE	
	# - NUMBER # - EASEMENT NUMBER	
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AGENT: H 9 J	& T CO 310 OLE ACKSONV	ONSULTANTS KINGS RO ILLE, FLORI	5, INC. AD SOUTH, SUIT DA 32257	E 1001				REVISIONS
PROJECT NA USE: BANK	PHONE (904) 419–1001 PROJECT NAME: BB&T BANK – COCONUT CREEK JSE: BANK WITH DRIVE–THRU TELLERS NUMBER OF STORIES: 1 STORY							
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BUILDING SC 3 4	,200 S.F	. (TOTAL A, . (TOTAL U	/C AREA) NDER ROOF INC IRU AND VESTIE					DATE
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SIDES (E)		38		58'		ARK/ 3306		
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Floor Plan



# FOR:

# **BRANCH BANKING & TRUST** 2525 HOWELL BRANCH ROAD, STE 1021 CASSELLBERRY, FLORIDA 32707

# PROJECT:

# **BB&T BANK - COCONUT CREEK** 5700 COCONUT CREEK PARKWAY MARGATE, FLORIDA 33063

# DESCRIPTION:

PARCEL I.D. NO.: 4842-30-35-0010

PARCEL A, FARRIS MARGATE CORNER PLAT ACCORDING TO THE PLAT THEROF AS RECORDED IN PLAT BOOK 178, PAGES 171 AND 172, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

SAID LANDS SITUATE, LYING AND BEING IN THE CITY OF MARGATE, BROWARD COUNTY, FLORIDA AND CONTAINING 37,721 SQUARE FEET OR 0.866 ACRES MORE OR LESS.

PREPARED BY:

H&T CONSULTANTS, INC.

PLANNING - ENGINEERING

9310 OLD KINGS ROAD SOUTH, SUITE 1001 JACKSONVILLE, FLORIDA 32257 TELEPHONE (904) 419–1001, FAX (904) 419–1004 NTY,

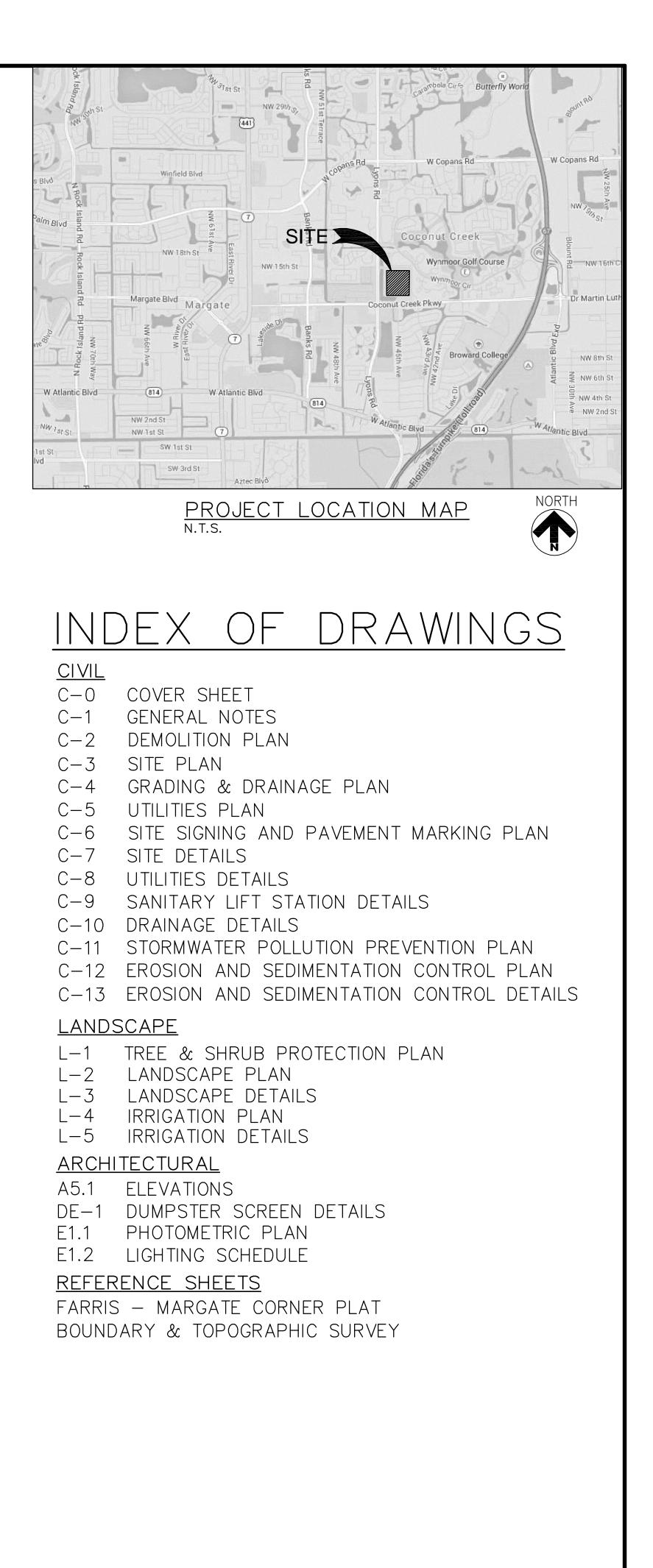
# UTILITY COMPANIES

SANITARY SEWER FORCE LINE: CITY OF MARGATE DEPT. OF ENVIRONMENTAL & ENGINEERING SERVICES CONTACT: KELLY McATEE, P.E. (954) 972 - 0828 901 NW 66th AVENUE, SUITE A MARGATE, FLORIDA 33063

ELECTRIC:

FLORIDA POWER AND LIGHT CO. CONTACT: BARRY THOMPSON PHONE: (954) 956-2028 392 U.S. 17, EAST PALATKA, FL 32131 STORM WATER: SOUTH FLORIDA WATER MANAGEMENT DISTRICT PHONE: 1-800-432-2045 3301 GUN CLUB ROAD, WEST PALM BEACH, FL 33406

DRAINAGE DISTRICT: COCOMAR WATER CONTROL DISTRICT - BROWARD COUNTY PHONE: 954-831-0753 CONTACT: CARL ARCHIE



ENGINEERS SIGNATURE STANLEY HILL, P.E. FLORIDA P.E. NO. 51207

DATE: OCT/31/2014

_		<u>011</u>	
1.	EXISTING FEATURES AND BOUNDARY INFORMATION BASED ON A SURVEY BY: ALTAMAX SURVEYING, 910 BELLE AVENUE, SUITE 1140 CASSELBERRY, FL 32708, WWW.ALTAMAXSURVEYING.COM, PHONE: 407-677-0200	5. A IS	ALL SSU
2.	ALL WORK PERFORMED AND MATERIALS USED WITHIN THE FDOT'S RIGHT-OF-WAYS IF APPLICABLE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FDOT'S "DESIGN STANDARDS". ALL AREAS DISTURBED BY THE CONSTRUCTION EFFORT WITHIN SAID		VATE ACCC DEPA
7	RIGHT-OF-WAYS SHALL BE RESODDED TO MATCH THE EXISTING SURROUNDING GRASS COVER.		<b>STAN</b>
	ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF SIDEWALK UNLESS OTHERWISE NOTED.	C	PIPE DF J PRIO
	OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.	8. A	
	SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND DIMENSIONS OF BUILDINGS. FOR CONCRETE SIDEWALK JOINT LAYOUT UNDER ROOF LINE REFER TO ARCHITECTURAL DRAWINGS.	F	PERF
	IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL CABLES AND UTILITIES PRIOR TO	9. V	
	COMMENCEMENT OF CONSTRUCTION. ANY BREAK IN UNDERGROUND CABLES AND/OR UTILITIES SHALL IMMEDIATELY BE REPAIRED AT THE CONTRACTORS EXPENSE.	Т	AWW/ TO E
8.	FDOT STANDARD REFERS TO FDOT LATEST "ENGLISH UNIT" VERSION OF "FDOT DESIGN STANDARDS" MANUAL.		WITH
9.	NEW SPOT ELEVATIONS REFER TO PROPOSED TOP OF PAVEMENT UNLESS INDICATED OTHERWISE ON THESE DRAWINGS.	11. T T	THE TO T
10.	ALL CONCRETE WORK SHALL CONFORM TO AC1 318-89, "STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE." ALL CONCRETE SHALL HAVE A MINIMUM	12. A [	ALL DEPA
	COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CONCRETE EDGES.	( 13. 1	
11.	REINFORCING STEEL SHALL BE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60. UNLESS INDICATED OTHERWISE, MINIMUM SPLICE LENGTH SHALL BE 40 BAR DIAMETERS WHERE CONT. (CONTINUOUS) IS INDICATED ON PLANS.	E T T	BROł THAT THE
12.	THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES, PROPERTY LINES, EASEMENTS AND SETBACKS, AND CONFIRM ALL PROPOSED DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS.	C L II	AFFE DCCI LIFE MPA BACT
13.	THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION FOR VERIFICATION AND LOCATION OF ALL UTILITIES (ELECTRIC, GAS, TELEPHONE, ETC.).	E	30IL HEAL
14.	SHOULD THE SURFACE OR SUBSURFACE CONDITIONS BE FOUND TO VARY FROM WHAT IS	C	NTA DOCL
	SHOWN ON THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN WRITING.	C	NHEI OF N ADVA
15.	AS-BUILT DRAWINGS SHALL BE FURNISHED TO THE ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS NOTED ON THIS SHEET.	14. (	
16.	GRADES SHOWN ON PLANS ARE FINISHED GRADES UNLESS OTHERWISE NOTED.	15. S	SEWI UNTI
17.	THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING WITHIN 7 DAYS OF COMPLETION OF THE PROJECT, STATING THAT THE DRAINAGE SYSTEM IS COMPLETE AND READY FOR INPECTION AND CERTIFICATION BY THE ENGINEER.	16. (	
18.	DO NOT SCALE THESE DRAWINGS. USE DIMENSIONS ONLY.		
19.	THE CONTRACTOR SHALL USE NECESSARY MEANS AND METHODS TO CONTROL SURFACE AND GROUNDWATER DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO SURFACE GRADING, DEWATERING TRENCHES WITH SUMP PUMP, WELL POINTING, ETC. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL AND LIKELY DEPTHS TO GROUNDWATER AND THE WATER CONTROL NECESSARY TO MEET MOISTURE AND DENSITY REQUIREMENTS FOR THE NATIVE OR IMPORTED SOILS.	F N S C <i>A</i> A	PLAS NOTI SOLV CON ANY AN I AUTH
20.	THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER AND OWNER PRIOR TO THE EXPORT OF SOILS FROM THE SITE. ANY REMOVAL OF SOIL WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND OWNER SHALL BE DONE AT THE CONTRACTORS RISK.		VERT VALV REST
21.	ALL ON SITE EASEMENTS MUST BE APPROVED AND RECORDED PRIOR TO ISSUANCE OF COS OR TCOs.		ALL IN A AND
22.	ALL CONSTRUCTION AND STOCKPILED VEGETATIVE DEBRIS AND FILL WILL BE REMOVED FROM THE SITE, IN THE EVENT A CONSTRUCTION SITE IS ABANDONED PRIOR TO PROJECT COMPLETION.	20. \$	
23.	ALL IMPROVEMENTS ARE TO BE OWNED AND MAINTAINED BY THE PROPERTY OWNER AND WILL NOT BE DEDICATED TO THE PUBLIC OR MAINTAINED BY THE PUBLIC.	21. 1	
24.	ALL FIRE PREVENTION MEASURES AND PROVISIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE, 2010 EDITION (FFPC 2010 Ed).	22. /	
	TEORIDA TIRE TREVENTION CODE, 2010 EDITION (TTTC 2010 Ed).	23. /	ALL
		24. I	FIRE POIN
	-BUILT REQUIREMENTS:	25. (	
	THE CONTRACTOR SHALL PROVIDE COMPLETE AS-BUILT INFORMATION TO THE ENGINEER IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:		ALL AND
2.	AS-BUILT DRAWINGS SHALL BE PREPARED IN AUTOCAD FORMAT BY A REGISTERED LAND SURVEYOR, AND SHALL BE IN CONFORMANCE WITH ALL AUTHORITIES HAVING JURISDICTION. FIVE SET OF SIGNED BLUEPRINTS AND A SET OF AUTOCAD 2004 DRAWING FILES OF THE		COI
	PROJECT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.		ALL CO
3.	PROVIDE BUILDING LOCATIONS, FINISHED FLOOR ELEVATIONS, PAVEMENT GRADES AND ALL UNDERGROUND FACILITIES.	27.	
4.	PROVIDE SPECIAL DETAIL DRAWINGS AT LOCATIONS WHERE INSTALLATIONS WERE NOT AS SHOWN ON CONTRACT DRAWINGS DUE TO FIELD CONDITIONS OR WHERE REQUIRED FOR	27.	
5.	CLARITY. PROVIDE LOCATION, ELEVATION AND DESCRIPTION OF BENCHMARK(S).	29.	
6.	LOCATE AND PROVIDE ELEVATIONS OF ALL STRUCTURES. LOCATION OF ALL STRUCTURES SHALL BE FROM (2) DIRECTIONS.		UTI
7.	LOCATE ALL PIPES AND PROVIDE THEIR SIZE, ELEVATION, LENGTH AND TYPE.		THE IN L THR
		31.	CO
-	<u>ILITY NOTES:</u> WHERE WATER MAIN IS LAID UNDER DITCHES, CULVERTS OR OTHER PIPELINES WITHOUT	32.	COI PRI
1.	FITTINGS, THE MAXIMUM DEFLECTION AT ANY JOINT SHALL NOT EXCEED 50% OF THE MAXIMUM DEFLECTION RECOMMENDED BY THE MANUFACTURER OF THE PIPE FURNISHED, UNLESS OTHERWISE SHOWN ON DRAWINGS.	33.	
2	ALL NEW PIPE SHALL HAVE A MINIMUM DEPTH OF COVER OF 36 INCHES MEASURED		

GENERAL NOTES

- FROM THE TOP OF THE PIPE TO THE GROUND SURFACE, EXCEPT AS OTHERWISE NOTED ON DRAWINGS. VERTICAL AND HORIZONTAL ALIGNMENT MAY BE ADJUSTED TO MEET ADVERSE FIELD CONDITIONS UPON APPROVAL BY THE ENGINEER.
- 3. WHERE WATER AND SEWER MAINS CROSS WITH LESS THAN 18" OF VERTICAL CLEARANCE OR 10 FEET OF HORIZONTAL CLEARANCE, A 20-FOOT SECTION OF DUCTILE IRON SEWER PIPE SHALL BE CENTERED AT THE POINT OF CROSSING. THE CONTRACTOR IS TO FIELD VERIFY SEPARATION.
- 4. WHEN A WATER OR SEWER MAIN CROSSES A STORM DRAINAGE LINE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION IS REQUIRED OR A 20-FOOT SECTION OF DUCTILÈ IRON PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.

#### UTILITY NOTES (CONT.):

WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY REQUIRES A SEPARATE PERMIT IED BY GOVERNING AUTHORITY.

ER MAINS TO BE PRESSURE TESTED TO 150 PSI FOR A TWO (2) HOUR PERIOD IN ORDANCE WITH STANDARDS AND SPECIFICATIONS BY THE CITY OF MARGATE UTILITIES ARTMENT, WHO SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE.

D.I. FITIINGS SHALL BE THIN CEMENT LINED. THE LINING SHALL COMPLY WITH ANSI IDARD A21.4 (AWWA C104-95, LATEST "CEMENT-MORTAR LINING FOR DUCTILE IRON AND FITTINGS FOR WATER". ALL BOLTS, NUTS, STUDS AND OTHER UNCOATED PARTS JOINTS FOR UNDERGROUND INSTALLATION SHALL BE COATED WITH ASPHALT OR COAL-TAR OR TO BACKFILLING. ALL FITTINGS SHALL BE MECHANICALLY RESTRAINED.

WATER AND SEWER CONSTRUCTION WITHIN THE THE CITY OF MARGATE SHALL BE FORMED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS CHAPTER 489 OF THE FLORIDA STATUTES.

ER SERVICE LINES TAP TO METERS TO BE POLYETHYLENE TUBING IN ACCORDANCE WITH VA C901-96 SPECIFICATIONS. WATER SERVICE LINES FROM METERS TO BACKFLOW PREVENTERS BE SCHEDULE 80 PVC. ALL OTHER WATER SERVICE LINES ARE TO BE SCHEDULE 40 PVC. BUILT DRAWINGS SHALL BE PREPARED BY AND BE SIGNED BY E.O.R. AND BE IN ACCORDANCE THE THE CITY OF MARGATE REQUIREMENTS.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES AND MATERIALS THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND CONSTRUCTION.

WATER MAINS SHALL BE DESINFECTED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH ARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS. DISINFECTION TESTING SHALL /IPLY WITH A.W.W.A.C-651-92.

CONTRACTOR SHALL FOLLOW THE PROVISIONS OF FLORIDA STATUTE 386 IF ANY WATER LINE IS KEN OR WATER SYSTEM IS SHUT OFF DURING CONSTRUCTION. FLORIDA STATUTE 386 STATES THE HRS FOR THE CITY OF MARGATE PUBLIC HEALTH UNIT DIRECTOR (OR HIS DESIGNEE) OR SUBJECT SUPPLIER OF WATER WILL ISSUE A BOIL WATER/BOTTLED WATER NOTICE FOR ALL ECTED CUSTOMERS OF THE PUBLIC WATER SUPPLY SYSTEM WHEN AN INTERRUPTION IN SERVICE URS (WHICH RESULTS IN A COMPROMISE OF THE SYSTEM INTEGRITY WHEN THE HEALTH OR OF AN INDIVIDUAL, OR THE HEALTH OR LIVES OF INDIVIDUALS MAY BE THREATENED OR IRED OR BY WHICH DISEASE MAY BE CAUSED) OR WHEN A HISTORY OF UNSATISFACTORY TERIOLOGICAL SAMPLES RESULT OR WHEN THE SYSTEM PRESSURE DROPS BELOW 20 PSI. THIS WATER/BOTTLED WATER NOTICE WILL BE LIFTED BY THE HRS THE CITY OF MARGATE PUBLIC LTH UNIT DIRECTOR (OR HIS DESIGNEE) WHEN THE SYSTEM PRESSURE AND INTEGRITY ARE CT AND, SUBSEQUENTLY, TWO CONSECUTIVE DAYS OF SATISFACTORY MICROBIOLOGICALS ARE JMENTED THROUGH CERTIFIED DRINKING WATER LABORATORY ANALYSIS RESULTS. IN THE CASE RE THE SUPPLIER OF WATER ISSUES THE BOIL WATER/BOTTLED WATER NOTICE. THE THE CITY MARGATE PUBLIC HEALTH UNIT SHALL BE NOTIFIED AS SOON AS POSSIBLE AND PREFERABLY IN ANCE OF THE EVENT. (THE CONTRACTOR SHALL PROVIDE BOTTLED WATER)

VITY SEWER PIPES SHALL BE ASTM D-3034 SDR 35, UNLESS OTHERWISE INDICATED ON PLANS.

VER LINES ARE DESIGNED TO FINISHED GRADE AND SHALL BE PROTECTED FROM DAMAGE TIL ALL WORK IS COMPLETED.

ITRACTOR SHALL PROVIDE FOR ALL STORAGE OF MATERIALS AND EQUIPMENT. MATERIALS SUPPLIES SHALL BE PLACED THAT ENDANGERMENT OR RESTRICTION OF VEHICULAR PEDESTRIAN TRAFFIC WILL NOT OCCUR.

OLVENT CONTAMINATION IS FOUND IN THE PIPE TRENCH INTENDED FOR A PROPOSED STIC WATER MAIN, THE CONTRACTOR SHALL STOP WORK AND THE PROPER AUTHORTIES FIED. WITH APPROVAL OF THE PERMITTING AGENCY, DUCTILE IRON PIPE, FITTINGS AND /ENT RESISTANT GASKET MATERIAL SUCH AS FLUOROCARBON SHALL BE USED IN THE FAMINATED AREA; THE DUCTILE IRON PIPE SHALL EXTEND AT LEAST 100 FEET BEYOND SOLVENT NOTED. ANY CONTAMINATED SOIL THAT IS EXCAVATED SHALL BE PLACED ON IMPERMEABLE MAT AND COVERED WITH A WATER PROOF COVERING. THE PROPER HORITIES WILL BE NOTIFIED AND THE CONTAMINATED SOIL HELD FOR PROPER DISPOSAL

TICAL AND HORIZONTAL CHANGES IN WATER MAIN ALIGNMENT AND ALL BENDS, TEES AND /ES SHALL BE RESTRAINED WITH MECHANICAL JOINT RESTRIANER GLANDS, "MEGALUG" FRAINER GLANDS OR APPROVED EQUAL.

WATER, SEWER AND FIRE LINE CONSTRUCTION, MATERIALS AND APPRUTANCES SHALL BE ACCORDANCE WITH THE CITY OF MARGATE UTILITIES DETAILS, STANDARDS, SPECIFICATIONS REQUIREMENTS.

ITARY SEWER CLEANOUTS TO BE PLACED AS SHOWN ON THE ENGINEERING PLANS.

WATER METER BOXES TO BE PLACED IN SIDEWALK OR DRIVEWAYS.

FITTINGS TO BE RESTRAINED.

DISTURBED AREAS TO BE SODDED.

HYDRANTS MAY BE UTILIZED TO BLOW-OFF AND FLUSH THE MAINS. HOWEVER, SAMPLE NTS MUST BE TAKEN AS NOTED ON F.D.E.P. WATER PERMIT.

TRACTOR TO SUPPLY AND INSTALL NECESSARY BENDS/FITTINGS (TO BE RESTRAINED) TO OW DEFLECTION OF PROPOSED DOMESTIC WATERMAIN AROUND SANITARY SEWER MAINS LATERALS. CONTRACTOR TO MAINTAIN 18" VERTICAL SEPARATION AT CROSSINGS.

NTRACTOR TO SUPPLY AND INSTALL NECESSARY BENDS/FITTINGS (TO BE RESTRAINED) TO LOW DEFLECTION OF PROPOSED WATERMAIN AROUND PROPOSED STORM SEWER MAINS. NTRACTOR TO MAINTAIN 6" VERTICAL SEPARATION AT CROSSINGS.

FIRE HYDRANTS TO FACE STREET/DRIVE.

FIRE HYDRANTS TO BE PLACED 6' FROM EDGE OF PAVEMENT.

CONNECTION TO ANY CITY OF MARGATE WATERMAIN WILL REQUIRE A CITY OF MARGATE LITIES PERMIT.

CITY OF MARGATE UTILITIES DEPARTMENT TO OPERATE POTABLE WATER VALVE AT ALL TIE LOCATIONS. ANY REQUEST FOR WATER TO BE TURNED ON OR OFF MUST BE COORDINATED ROUGH THE OUC.

PY OF HRS PERMIT WILL BE PROVIDED TO THE CITY OF MARGATE UPON RECIEPT.

NTRACTOR TO COMPLY WITH THE CITY ORDINANCES FOR STORM WATER POLLUTION EVENTION AND BEST MANAGEMENT PRACTICES.

NTRACTOR TO CONSTRUCT CONCRETE PAD UNDER REDUCED PRESSURE BACKFLOW EVENTERS.

34. ALL SANITARY SEWER CLEANOUTS IN PAVEMENT AREAS TO BE CAST IRON.

35. ALL SANITARY SEWER CLEANOUT PLUGS TO HAVE FLUSH. (RECESSED)

36. ALL SANITARY SEWER LATERALS TO BE PVC SDR-35.

37. ALL FIRE HYDRANT ASSEMBLIES TO BE RESTRAINED.

38. CONTRACTOR TO PROVIDE 12 GAUGE TRACKING WIRE ON ALL NON-METALLIC WATER AND SEWER MAINS AND SERVICES.

### UTILITY NOTES (CONT.):

39. A CITY OF MARGATE RIGHT-OF-WAY USE PERMIT IS REQUIRED WHEN WORKS ARE TO BE PERFORMED IN SUCH ROW.

- 40. CONTRACTOR TO PROVIDE AND MAINTAIN SIGNAGE FO AS PER THE ORANGE COUNTY REQUIREMENTS AND I DURING INSTALLATION OF WATERMAIN, SANITARY SEWI AND DRIVEWAYS.
- 41. FDEP WATER AND WASTEWATER PERMITS ALONG WITH THE CITY'S UTILITIES CONSTRUCTION PERMITS ARE REQUIRED.
- 42. A MINIMUM OF 3 FEET CLEARANCE ON ALL VALVES METER BOXES WITH TREES AND PLANTS. FIRE HYDRANTS SHALL HAVE A MINIMUM CLEARANCE OF 7'-6" AT ITS FRONT AND SIDES AND A 4' MIN. CLEARANCE AT THE BACK.

## DEVELOPER/CONSULTANTS

PROPERTY OWNER FARRIS, JAMES G & SHIRLEY J % SHELL OIL SOUTHERN TAX REGION 124 ME 3 ST POMPANO BEACH 2525 HOWELL BRANCH ROAD, SUITE 1021 CASSELLBERRY, FLORIDA, 33060

SITE DESIGN ENGINEER JOSE A. RODRIGUEZ, PE H & T CONSULTANTS, INC. 9310 OLD KINGS ROAD SOUTH SUITE 1001 JACKSONVILLE, FLORIDA 32256 PHONE: (904) 419–1001

LANDSCAPE DESIGNER A & K LAND PLANNING & DESIGN 8787 SOUTHSIDE BLVD. #511, JACKSONVILLE, FLORIDA 32256

CONTACT: KRISTOFFER REED RLA

PHONE: (904) 476-9692

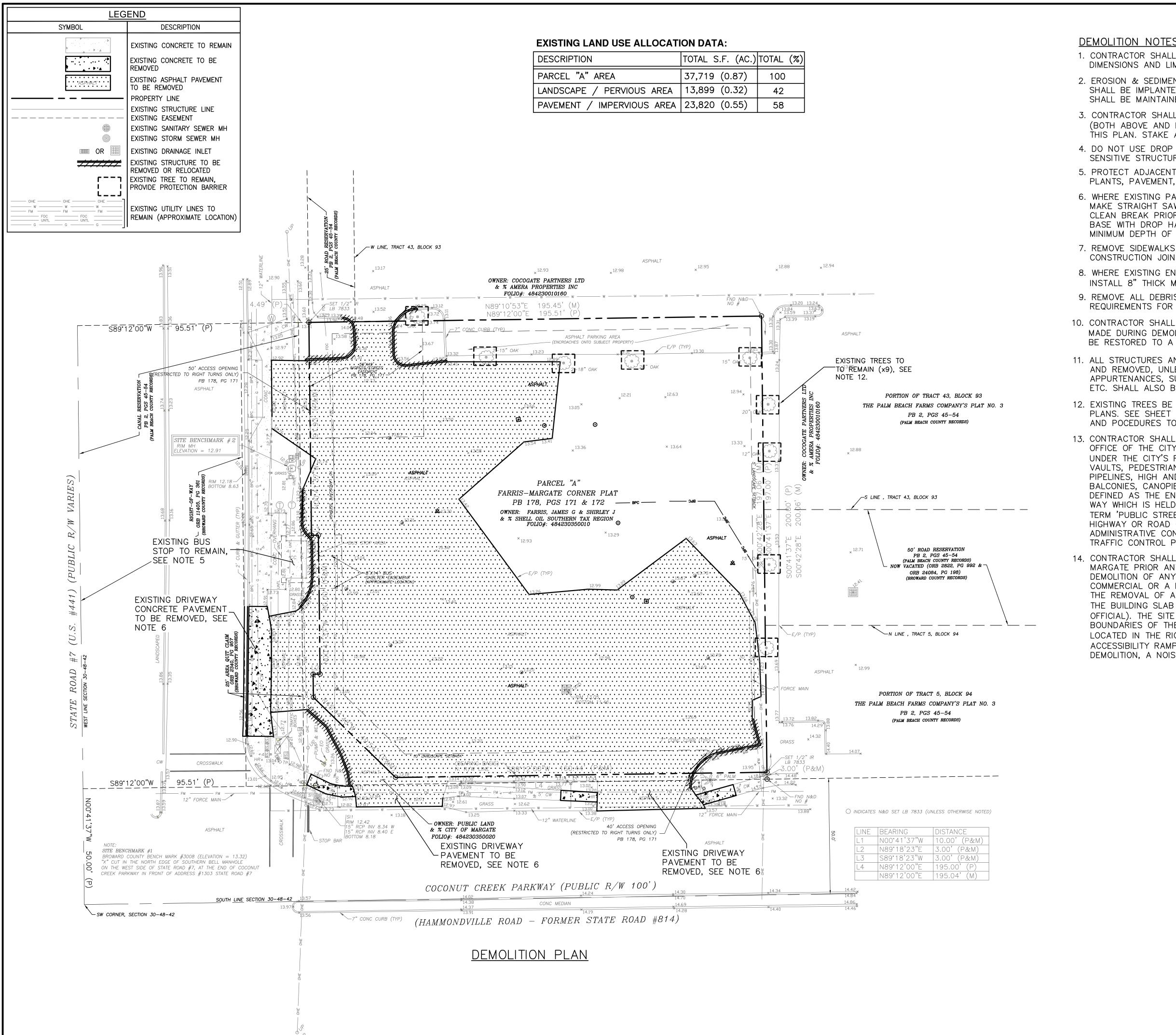
PROPERTY DEVELOPER BB&T COMPANY SUITE 1021 CASSELLBERRY, FLORIDA 32707 CONTACT: DOUG HUESING (CBRE) PHONE: (980) 275-1423 <u>SURVEYOR</u> ALTAMAX SURVEYING, 910 BELLE AVENUE, SUITE 1140 CASSELBERRY, FL 32708, WWW.ALTAMAXSURVEYING.COM, PHONE: 407-677-0200

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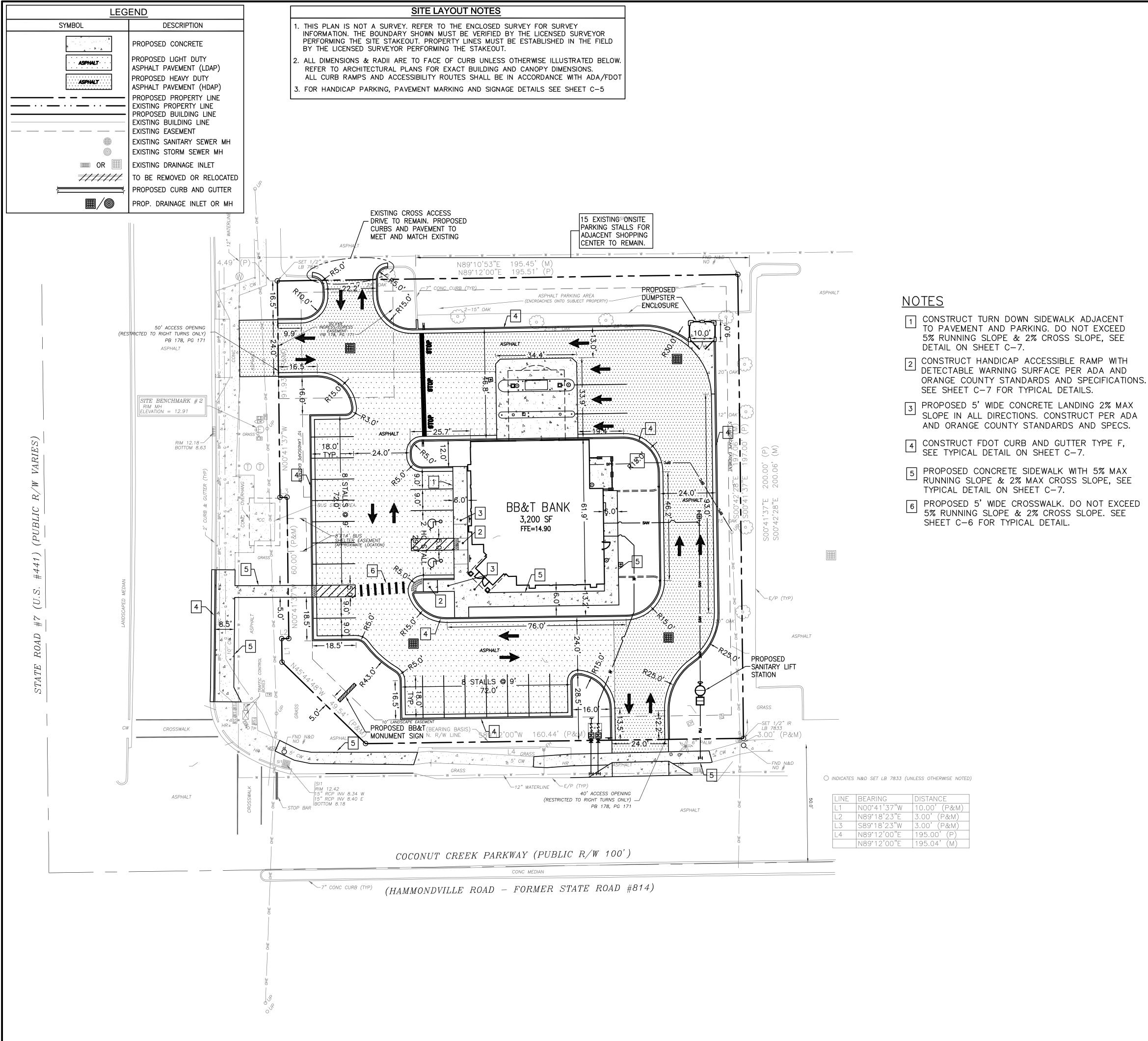
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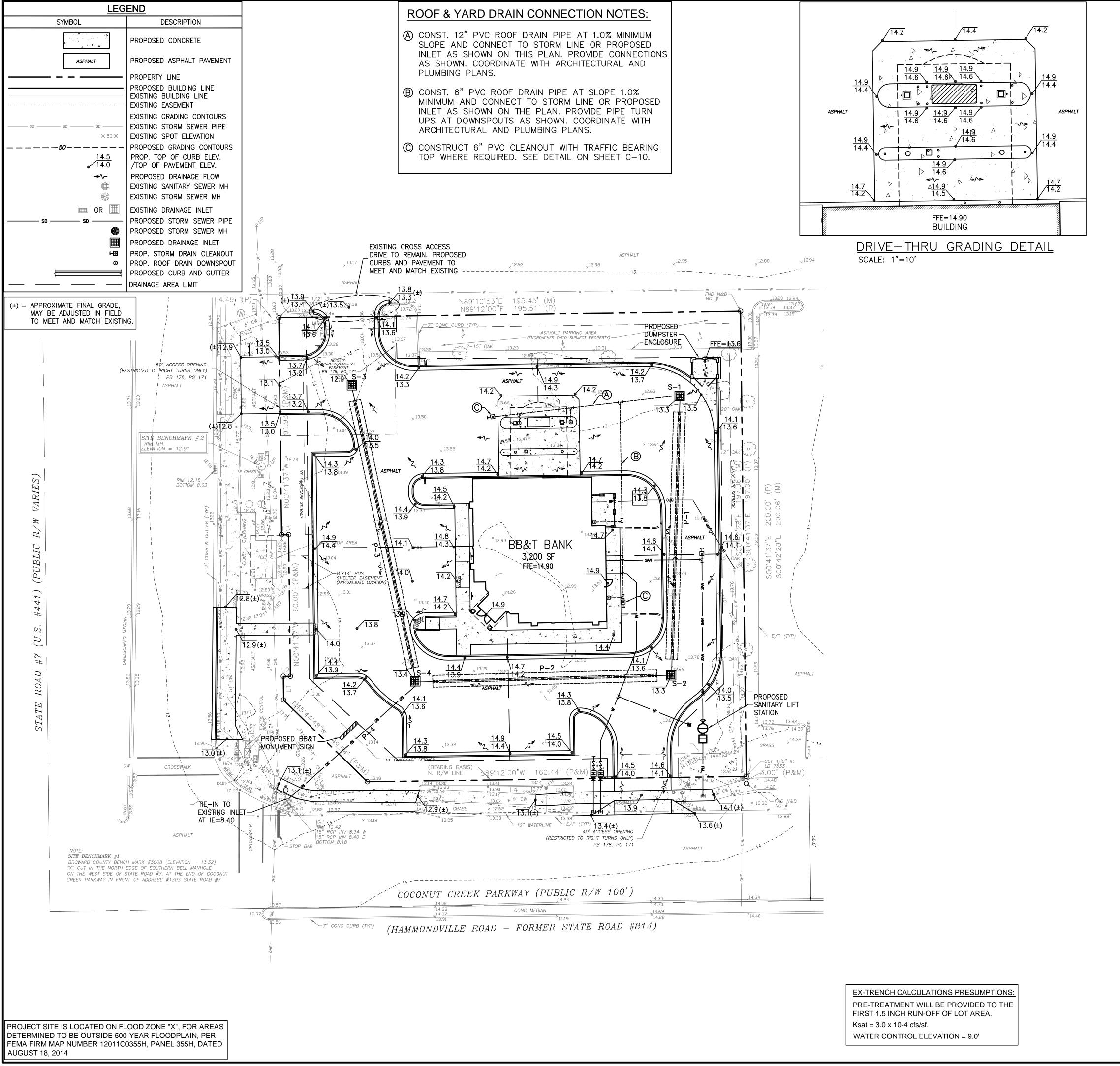
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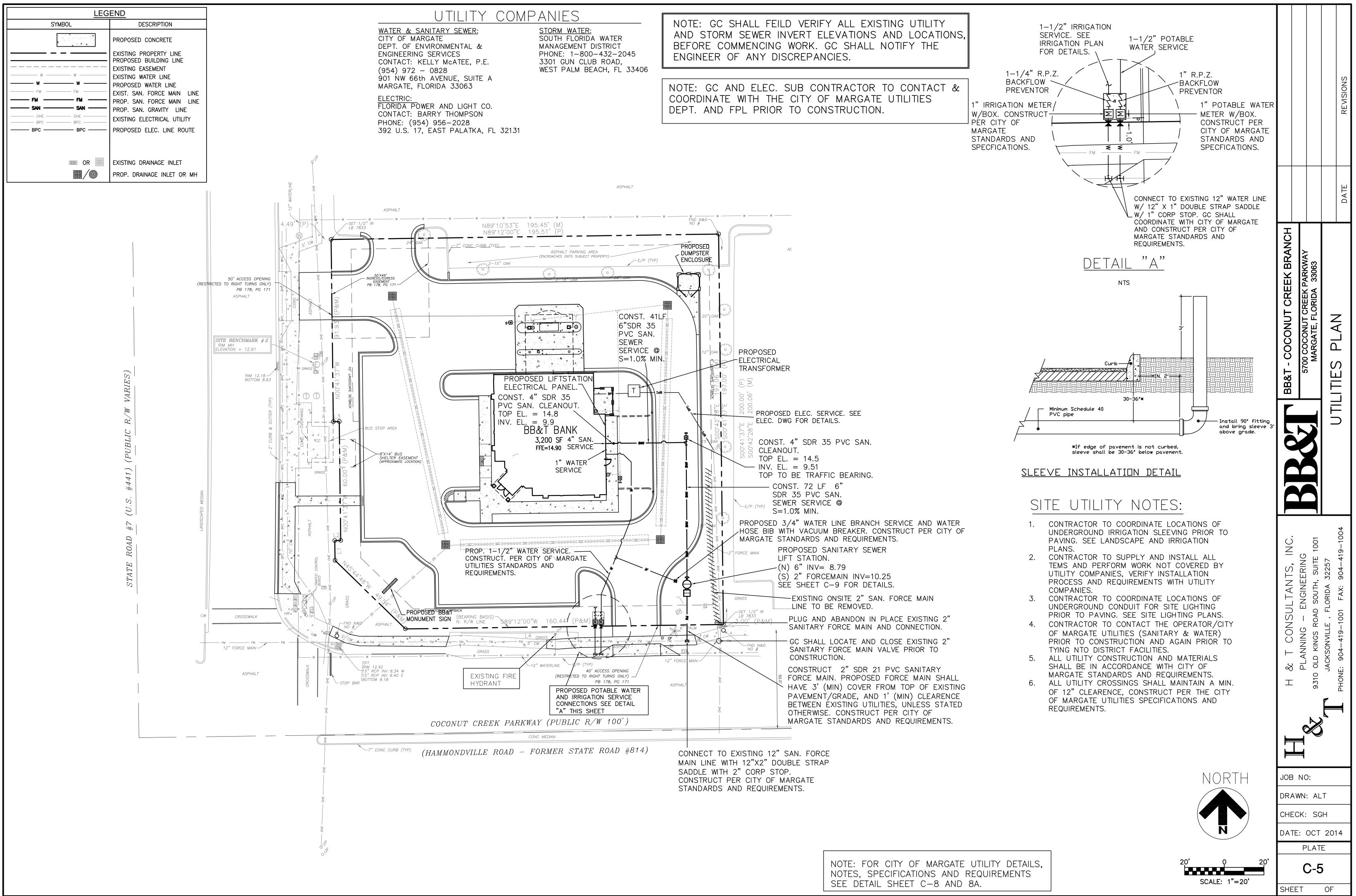
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INED AT ALL TIMES DURING PROJECT CONSTRUCTION.			EVISIONS
D BELOW GRADE) WITHIN DEVELOPMENT AREAS, AS SHOWN ON AND FLAG LOCATION OF UNDERGROUND UTILITIES. P HAMMER NEAR EXISTING UNDERGROUND UTILITIES OR OTHER URES.			REV
NT PUBLIC AND PRIVATE PROPERTY, STRUCTURES, TREES, T, UTILITIES AND ANY OTHER ITEMS DESIGNETED TO REMAIN.			
PAVEMET, CURB, GUTTER OR CONCRETE SLAB IS TO REMAIN, AW CUTS INTO THE EXISTING STRUCTURE TO PROVIDE A OR TO REMOVAL. DO NOT BRAKE CONCRETE PAVEMENT OR HAMMER UNLESS CONCRETE OR BASE HAS BEEN CUT TO A F 2 INCHES.			DATE
(S AND CURBS TO NEAREST EXISTING DUMMY, EXPANSION OR INT.			
END OF STORM DRAIN PIPE OR END SEWER IS TO REMAIN, MANSORY PLUG IN PIPE END PRIOR TO BACKFILL. RIS FROM SITE IN ACCORDANCE WITH CITY OF MARGATE R WASTE METERIAL DISPOSAL	BRANCH	VAY 3	
L IMMEDIATLY REPAIR ANY DAMAGE TO EXISTING STRUCTURES OLITION/CONSTRUCTION OPERATIONS. DAMAGED ITEMS SHALL A CONDITION EQUAL OR BETTER THAN THE ACTUAL.	CREEK B	eek parkway Ida 33063	
AND ITEMS WHITIN THE HATCHED AREA SHALL BE DEMOLISHED ILESS OTHERWISE NOTED IN THIS PLAN. ASSOCIATED SUCH AS PIPES, WIRES, CONDUITS, UNDERGROUND UTILITIES, BE REMOVED WITHIN THE AREA.	COCONUT C	5700 COCONUT CREEK MARGATE, FLORIDA	PLAN
E PROTECTED AND/OR RELOCATED ARE SHOWN IN LANDSCAPE T L-1 FOR ADDITIONAL INFORMATION ON PROPOSED SCHEME TO BE CARRIED OUT WITH EXISTING TREES AND SHRUB.		5700 COC( MARGA	
LL OBTAIN AN ENCROACHMENT PERMIT, THROUGH THE CITY'S TY ENGINEER BRANCH, PRIOR ANY WORK INTO, UPON, OVER, OR RIGHT-OF-WAY. ENCROACHMENT PERMIT COVERS TUNNELS, AN WALKWAYS, BASEMENTS, TIEBACKS, RAILROAD SPURS,	BB&T		DEMOLITION
ND LOW VOLTAGE CIRCUITS, CABLES, CONDUITS, SIGNS, TANKS, PIES, ETC. FOR THESE PURPOSES THE RIGHT-OF-WAY IS ENTIRE WIDTH BETWEEN THE BOUNDARY LINES OF EVERY STREET D BY THE CITY IN FEE OR BY EASEMENT OR DEDICATION; THE		Z	DEM
EET' SHALL INCLUDE ANY DESIGNATED STATE OR FEDERAL ) OR ANY DESIGNATED COUNTY ROAD WHICH IS UNDER THE ONTROL OF THE CITY FOR MAINTENANCE, REPAIR OR VEHICULAR PURPOSES.			
LL OBTAIN A DEMOLITION (DEMO) PERMIT FROM THE CITY OF NY DEMOLITION WORK. A DEMO PERMIT IS REQUIRED FOR THE NY STRUCTURE OR BUILDING REGARDLESS OF WHETHER IT IS A N RESIDENTIAL PROPERTY. A BUILDING DEMO PERMIT REQUIRES			
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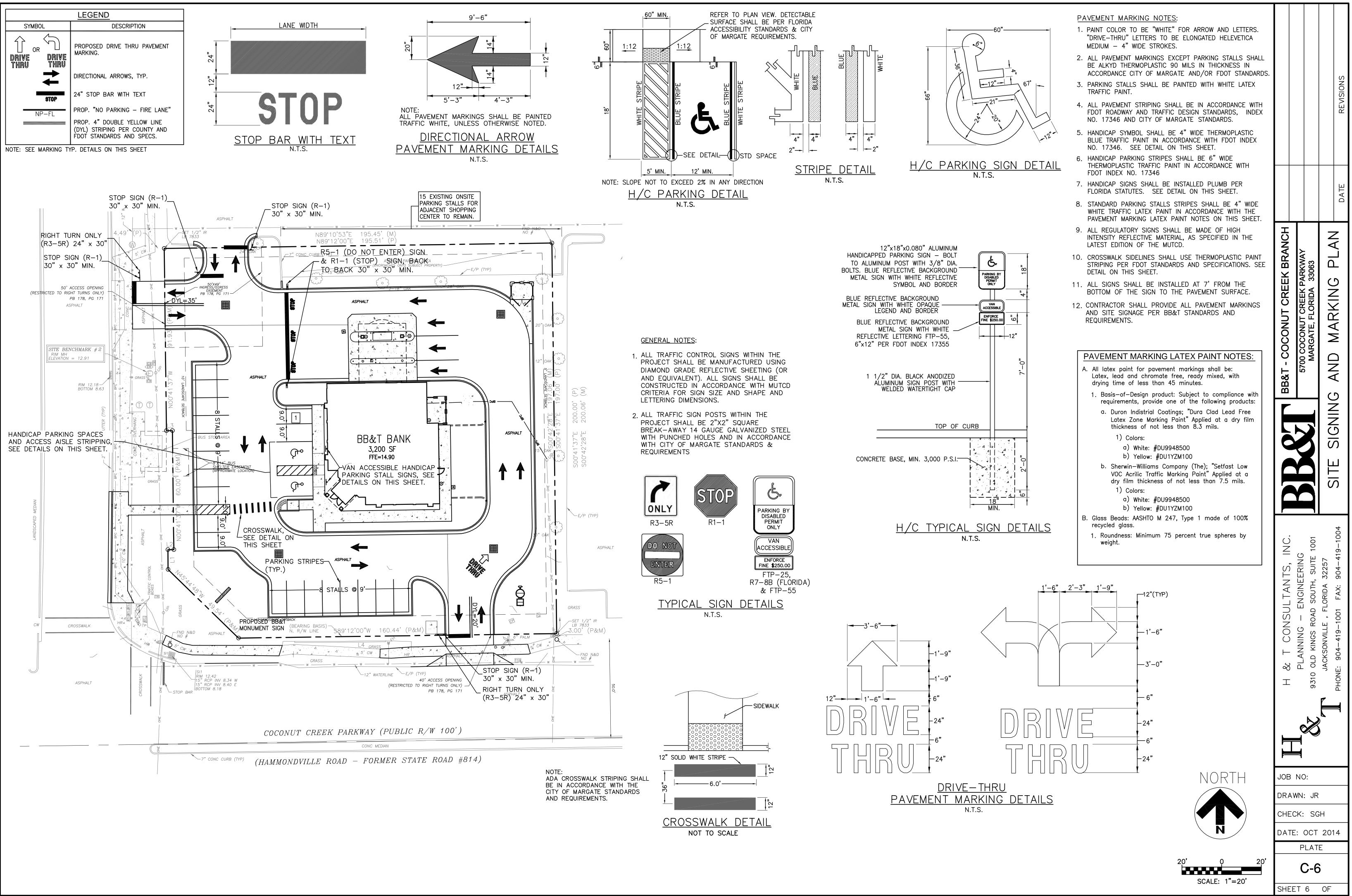


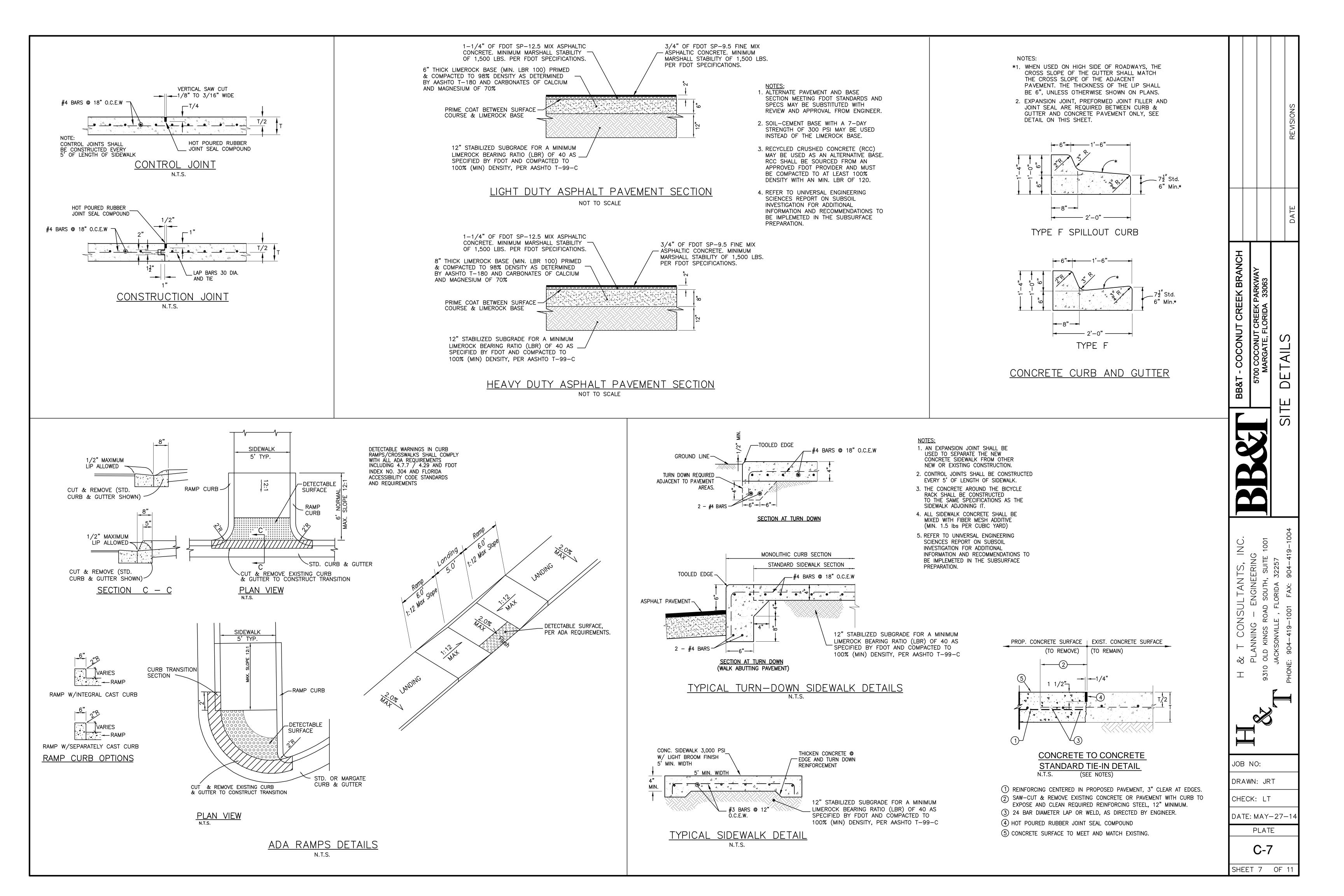
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DESCRIPTION			TOTAL S.F. (AC.	.)		ENGINEERING D SOUTH, SUITE 1	27	-415
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OPEN SPACE		RS			Z ∠	H.	. AC	
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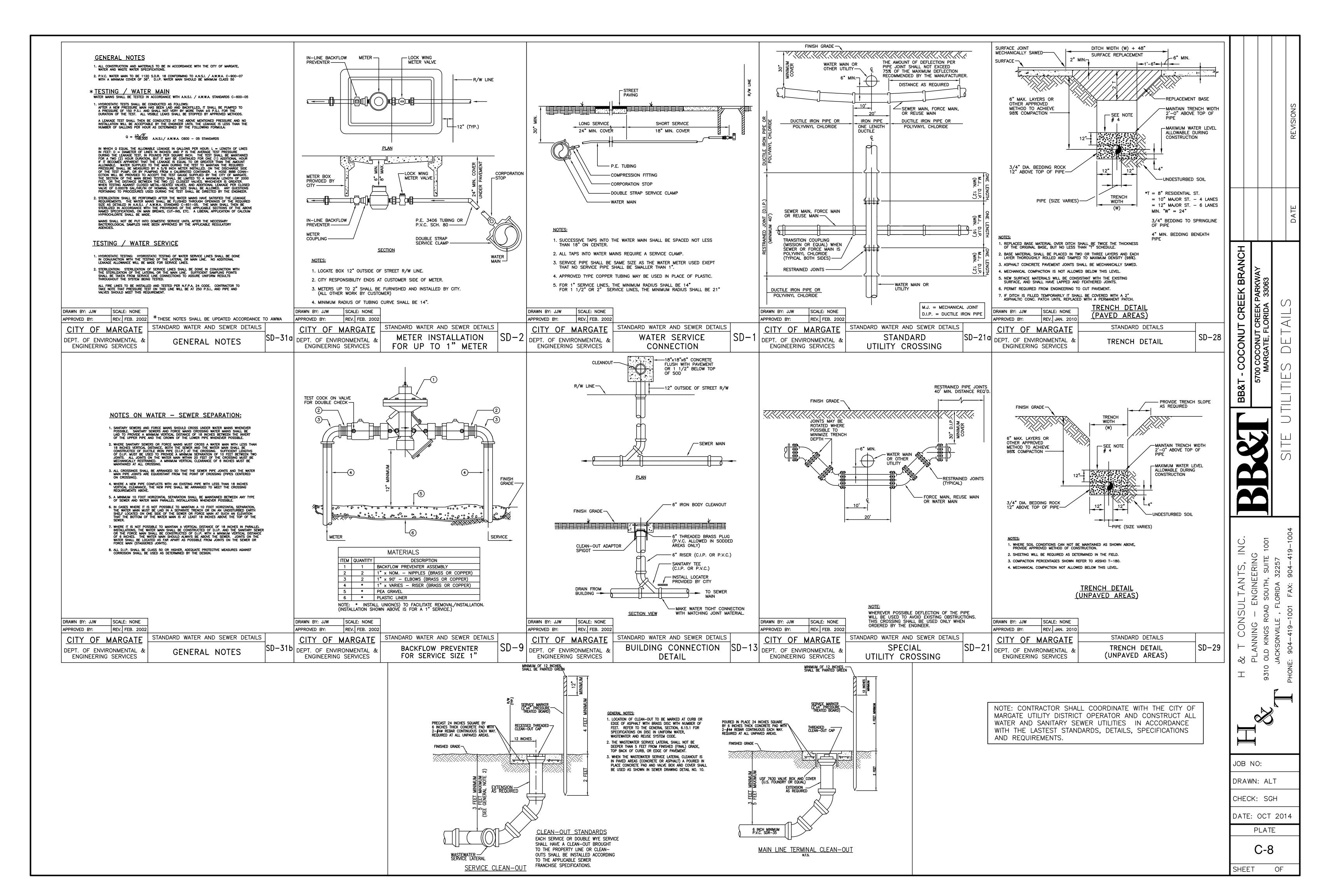


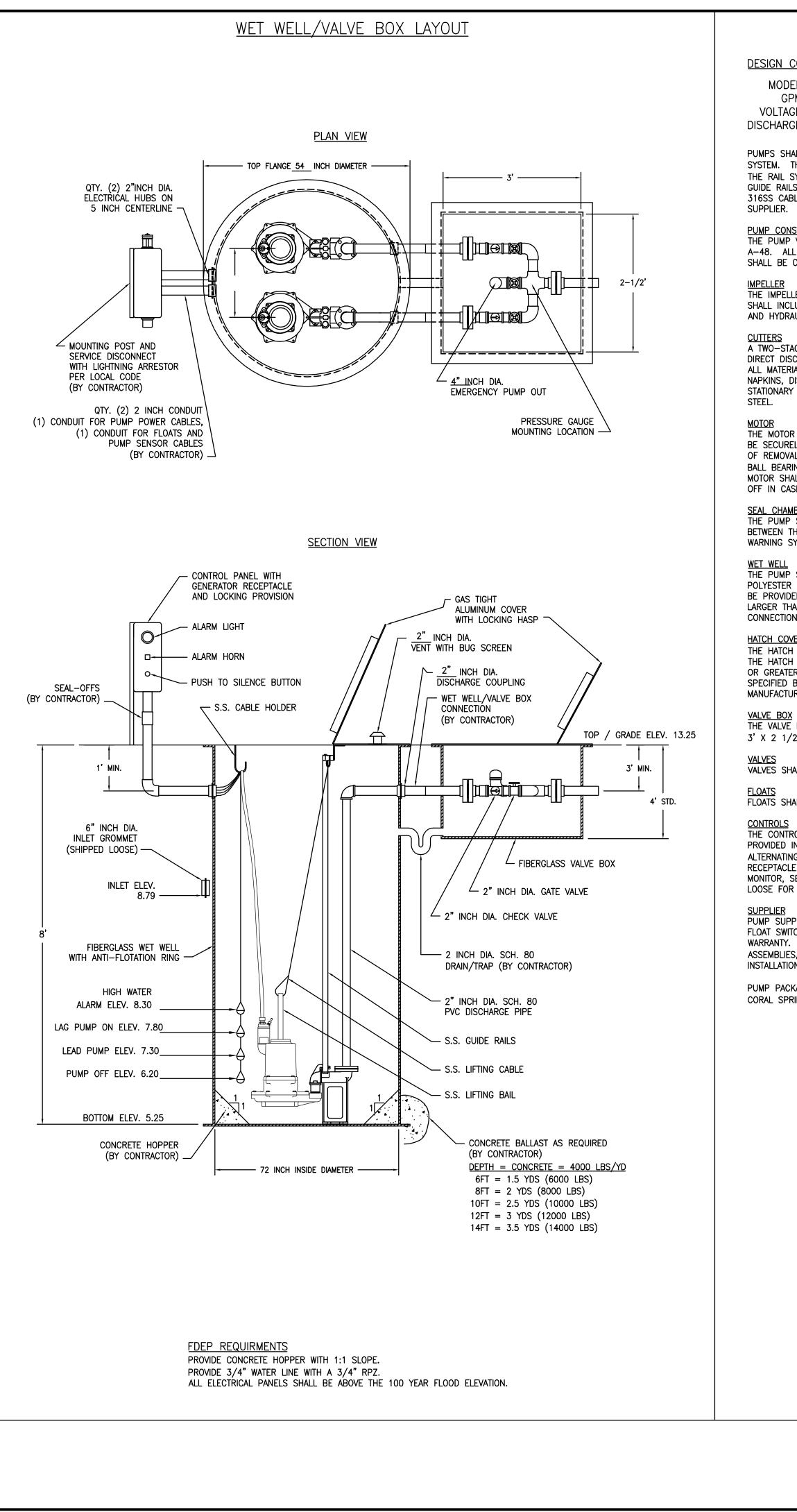
	DRAINAGE STRUCTURE TABLE			
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	S-2     TYPE "C" INLET     13.30     8.80     -     8.80       S-3     TYPE "C" INLET     12.90     -     -     8.80			
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	STORM PIPE TABLE			
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P-3 CONT. L15 L15 OF TEXT ITATION TRAVEL W/15" HERE PERFORMED PER 43 L15 OF 15" HERE INC. HERE INSTRUCTURE INC. HERE INC. HERE INC. HERE INC. HERE INSTRUCTURE INC. H	P—2 CONST. 95 L.F. OF EXFILTRATION TRENCH W/15" HDPE PERFORATED PIPE AND 10 L.F. W/15" HDPE NON—PERFORATED PIPE @ S=0%			
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BEDCICATIONS, NECKS 200, 201, 222, 823, 434 AND CITY OF WARGATE STANDARD         DRAWINS AND SEPECIFICATIONS, ALL STRUCTURES AND TOPS SHALL BE TAREFC BEARWOY.         2. STORM DRAWI PRES SHALL BE INSTALLED USING BEDDING AND TRENCHING TYPE THE ENDERING SEE STANDARD DETAILS, UNLESS CH-ERWSE INDICATED BY THE ENDERING CONNECTION AND BY MARPHED WITH FUELD CLOID SEE PRE- CONNECTION DETAIL ON DETAIL SHEET C-10.         3. ALL HOPE STORW PREJ CONNECTIONS AND DETAILS THAT TO THE RECONNECTION DETAILS AND DETAIL SHEET C-10.         4. INSTALL SKIMMERS TYPE 1 TO IN STRUCTURES S-1, S-2, S-3 AND S-4 AT BOTH PREI OPENINGS (INLET AND OUTLET PRES) PER TOOT INDEX NO. 241.         EEROSION CONTROL NOTES:	DRAINAGE NOTES:		KW/ 063	A
DRAWINGS AND SPECIFICATIONS, (ALL STRUCTURES AND TOPS SHALL BE TRAFFIC         BEARING).         2. STORM DRAW PRES SHALL BE INSTALLED USING BEDDIDG AND TRENCHING TYPE         X <sup>+</sup> , PER CTORM PERCONNECTIONS AND DETAIL ON SHEEL C-10.         3. ALL HOPE STORM PERCONNECTIONS AND DIS SHALL HAVE PREVIOUN WATER         CONNECTION PROFECTIONS AND DETAIL ON SHEEL C-10.         4. INTHE COULER CONNECTIONS AND DIS SHALL HAVE PREVIOUN WATER         PORTICIPER CONNECTIONS AND DETAIL ON SHEEL C-10.         4. INTERCOVER CONNECTIONS AND DETAIL ON SHEEL C-10.         4. INTERCOVER CONNECTIONS AND DETAIL ON STRUCTURES S-1, S-2, S-3 AND S-4 AT BOTH         PREVIOUS LANDUES OFFICIATION STUDIES OFFICIATION MATTER INFORMATION PARAMETRIA TO STRUCTURES OFFICIATION OFFICIAL STRUCTURES OFFICIATION STRUCTURES CONTENT         CONTRACTOR MUST PROVIDE AND LEFT TOR MORE THAN 30 DAYS MUST BE SEEDED AND MULCICED UNITES OFFICIATION OFFICIAL STRUCTURES OFFICIATION STRUCTURES CONTEND.         CONTRACTOR MUST PROVIDE AND LEFT TOR MORE THAN 30 DAYS MUST BE SEEDED AND MULCICED UNITS OFFICIAL STRUCTURES OF PROSING CONTROL.         CONTRACTOR MUST PROVIDE AND LEFT TOR MORE THAN 30 DAPAGES THE DISTANCE TO EXAMPLE THE PREVENCE THE CONTROL MOLITES OFFICIATION STRUCTURES OF PROSING CONTROL.         CONTRACTOR MUST PROVIDE ALL MATERIALS AND DECOMES THE MARKED MADULT OF TANGETERMENT OF TRANSTERMENT OF TRANSTERMENT ON TRANSTERMENT OF TRANSTERMENT AND ALL PROVIDES THAN PROVIDE AND TAKEN THE PREVENCE THE PROVIDES OF TRANSTERMENT OF CONSTRUCTION SEE SHEETS C-12 AND C-13         SUBRIDUES CONTON MERENT OF CONSTRUCTION SEE SHEETS C-12 AND C-13 <td></td> <td>Ш</td> <td></td> <td></td>		Ш		
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CRITAINS, TEMPORARY DETENTION DISTILLING BASINS, ETC.) TO ENSURE THE CONTROL OF STORMWARER RUNDET. THIS PLAN DESCRIBES THE MINIMUM AMOUNT OF EROSION PROTECTION REQUIRED BY PROPOSED ACTIMITES. IN THE EVENT OF UNFORSENE REPOSION, OTHER MASSINGS OF EROSION CONTROL (EROSION CONTROL ACTIVITIES SUCH AS THOSE LISTED ABOVE) WILL BE REQUIRED.         3. TURBIDITY OF TRANSFERRING SUSPENDED SOLDS INTO THE RECEIVING WATERBODY EXIST DUE TO THE PROPOSED WORK, TURBIDITY DEARRIERS WILL BE RESPONSIBLE FOR THE RENOVAL OF THE BARRIERS.         4. DEFENDENT VOETATION SUSTRICTION IS COMPLETED AND SOLS ARE STABILIZED AND VICCITION HAS DEEN ESTABLISED. THEREAFTER THE PROMITTE WILL BE RESPONSIBLE FOR THE RENOVAL OF THE BARRIERS.         5. CONTRACTOR SHALL PLACE SLIT FENCE ALONG PROPERTY LINE AROUND THE ENTIRE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION IS COMPLETE.         5. CONTRACTOR SHALL PLACE SLIT FENCE ALONG PROPERTY LINE AROUND THE ENTIRE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION SEE SHEETS C-12 AND C-13 FOR ADDITIONAL DETAILS ON EROSION CONTROL.         PREVIOUS LAND USE ALLOCATION DATA: DESCRIPTION INFORMENT / IMFERINGUS AREA 37.719 (0.87) 100 PARCEL 'A' AREA DISCOVET YOU CARREA 37.719 (0.87) 100 PARCEL 'A' AREA DISCOVET YOU CARREA 30.0949 (0.71) 22 PARCEL 'A' AREA DISCOVET YOU CARREA 30.0940 (0.71) 22 PARCEL 'A' AREA DISCOVET YOU CARREA 30.025 (0.69) 79 UNDER CONTROL SAREA 30.022 (0.69) 79 UNDER CONTROL SAREA 7.690 (0.18) 21				U U
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PARCEL "A" AREA       37,719 (0.87)       100         PARCEL "A" AREA       30,994 (0.71)       82         LANDSCAPE / PERVIOUS AREA       6,725 (0.16)       18         PROPOSED LAND USE ALLOCATION DATA:       DESCRIPTION       TOTAL S.F. (AC.) TOTAL (%)         PARCEL "A" AREA       37,719 (0.87)       100         BUILDING & DRIVE-THRU AREA       7,200 (0.17)       20         PAVEMENT & SIDEWALK AREAS       22,829 (0.52)       60         TOTAL IMPERVIOUS AREAS       30,029 (0.69)       79         LANDSCAPE / PERVIOUS AREAS       30,029 (0.69)       79         LANDSCAPE / PERVIOUS AREAS       7,690 (0.18)       21		╽╞┷		
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PARCEL "A" AREA       37,719 (0.87)       100         BUILDING & DRIVE-THRU AREA       7,200 (0.17)       20         PAVEMENT & SIDEWALK AREAS       22,829 (0.52)       60         TOTAL IMPERVIOUS AREAS       30,029 (0.69)       79         LANDSCAPE / PERVIOUS AREA       7,690 (0.18)       21				
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TOTAL IMPERVIOUS AREAS       30,029 (0.69)       79       C-4         LANDSCAPE / PERVIOUS AREA       7,690 (0.18)       21       SCALE: 1"=20'       C-4				·
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## <u>GENERAL NOTES</u>

#### DESIGN CONDITIONS

_	2.0	HP
	MAX=67' MIN=43'	FT/TDH
	3	PHASE
	4.875 <b>″</b>	A IMPELLER
	- · ·	MAX=67' MIN=43' 3

PUMPS SHALL BE OF THE SUBMERSIBLE TYPE. EACH PUMP SHALL BE MOUNTED ON A Ø2" RAIL SYSTEM. THE RAIL SYSTEM SHALL BE SELF ENGAGING RESULTING IN A LEAKPROOF COUPLING. THE RAIL SYSTEM SHALL INCLUDE THE BASE ELBOW, DISCHARGE FLANGE ASSEMBLY, Ø1" 304SS GUIDE RAILS, 316SS UPPER GUIDE BRACKET, 316SS LIFTING BAIL AND CABLE, AND A SIX-HOOK 316SS CABLE HOLDER. THE RAIL SYSTEM SHALL BE MOUNTED AND PRE-PIPED BY THE PUMP

#### PUMP CONSTRUCTION

THE PUMP VOLUTE, MOTOR AND SEAL HOUSING SHALL BE CONSTRUCTED OF CAST IRON, ASTM A-48. ALL EXTERNAL FASTENERS SHALL BE SERIES 300 STAINLESS STEEL. THE PUMP SHAFT SHALL BE CONSTRUCTED OF SERIES 416 STAINLESS STEEL.

THE IMPELLER SHALL BE OF MULTI-VANE, SEMI-OPEN BRONZE CONSTRUCTION. THE IMPELLER SHALL INCLUDE PUMP-OUT VANES ON THE BACK OF THE IMPELLER AND SHALL BE STATICALLY AND HYDRAULICALLY BALANCED.

A TWO-STAGE CUTTER ASSEMBLY SHALL BE MOUNTED ON THE SUCTION SIDE OF THE PUMP WITH DIRECT DISCHARGE INTO THE PUMP IMPELLER. THE GRINDER SHALL BE CAPABLE OF GRINDING ALL MATERIALS FOUND IN NORMAL, DOMESTIC SEWAGE, INCLUDING PLASTICS, RUBBER, SANITARY NAPKINS, DISPOSABLE DIAPERS AND WOOD PARTICLES, INTO A FINE SLURRY. BOTH THE STATIONARY AND ROTATING CUTTERS SHALL BE CONSTRUCTED OF HARDENED 440C STAINLESS

THE MOTOR SHALL BE MOUNTED IN A SEALED, SUBMERSIBLE TYPE HOUSING. THE STATOR SHALL BE SECURELY HELD IN PLACE WITH A REMOVABLE END RING AND THREADED FASTENERS FOR EASE OF REMOVAL WITHOUT THE USE OF HEAT OR A PRESS. THE MOTOR WILL HAVE TWO HEAVY-DUTY BALL BEARINGS; ONE UPPER (RADIAL) AND ONE LOWER (THRUST), TO SUPPORT THE SHAFT. THE MOTOR SHALL BE EQUIPPED WITH A WINDING THERMOSTAT THAT AUTOMATICALLY SHUTS THE MOTOR OFF IN CASE OF MOTOR OVERHEATING.

SEAL CHAMBER THE PUMP SHALL HAVE TWO MECHANICAL SEALS, MOUNTED IN TANDEM WITH AN OIL CHAMBER BETWEEN THE SEALS. THE PUMP SHALL BE EQUIPPED WITH A SEAL LEAK DETECTION PROBE AND WARNING SYSTEM BY USING A SEAL FAILURE SENSOR INSTALLED IN THE SEAL CHAMBER.

THE PUMP SUPPLIER SHALL PROVIDE THE FIBERGLASS WET WELL. THIS GLASS FIBER-REINFORCED POLYESTER BASIN SHALL BE CONSTRUCTED OF A COMMERCIAL GRADE OF GLASS FIBER AND SHALL BE PROVIDED WITH AN ANTI-FLOTATION RING WITH A MINIMUM DIAMETER OF THREE INCHES LARGER THAN THE BASIN DIAMETER. THE RAIL SYSTEM, INTERNAL PIPING AND DISCHARGE CONNECTIONS SHALL BE PRE-INSTALLED BY THE PUMP SUPPLIER.

#### HATCH COVER

THE HATCH COVER SHALL BE 2/3 HINGED TO ALLOW FOR MAXIMUM ACCESS TO THE WET WELL. THE HATCH COVER SHALL BE ALUMINUM WITH STAINLESS STEEL FASTENERS, RATED FOR 150 PSF OR GREATER. THE HATCH COVER SHALL INCLUDE A SINGLE OR DUAL DOOR OF DIMENSIONS SPECIFIED BY THE PUMP MANUFACTURER FOR PROPER PUMP CLEARANCE. THE COVER SHALL BE MANUFACTURED BY US FABRICATION, OR EQUAL.

THE VALVE BOX IS FIBERGLASS WITH ALUMINUM LOCKABLE COVER. STANDARD SIZE VALVE BOX IS 3' X 2 1/2' X 2'.

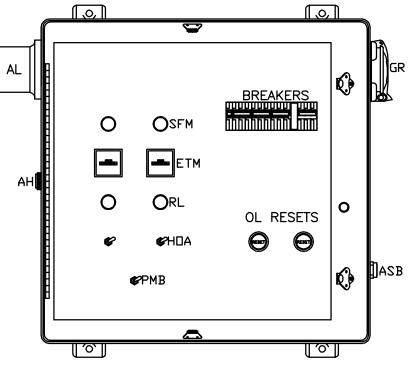
VALVES SHALL BE SEWAGE SWING CHECK WITH CLEAN-OUT PORTS AND BRASS GATE VALVES.

FLOATS SHALL BE ANCHOR SCIENTIFIC ROTO-FLOATS OR EQUAL.

THE CONTROL PANEL SHALL BE UL508 LISTED. A NEMA 3R OR 4X ENCLOSURE SHALL BE PROVIDED IN EITHER FIBERGLASS OR STAINLESS STEEL. THE PANEL SHALL INCLUDE AN ALTERNATING CONTROL SCHEME (DUPLEX AND ABOVE), MAIN CIRCUIT BREAKER, GENERATOR RECEPTACLE, HIGH LEVEL ALARM LIGHT AND HORN, ELAPSED TIME METERS, VOLTAGE OR PHASE MONITOR, SEAL FAILURE AND OVERLOAD SENSORS. THE LIGHTNING ARRESTOR SHALL BE SHIPPED LOOSE FOR FIELD INSTALLATION.

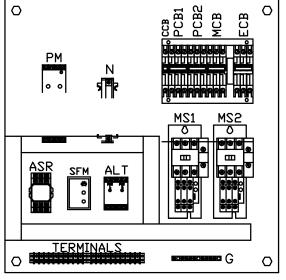
PUMP SUPPLIER SHALL PROVIDE SUBMERSIBLE PUMPS, SLIDE RAIL ASSEMBLIES, CONTROL PANEL, FLOAT SWITCHES, ALUMINUM HATCHES AND ACCESSORIES TO INSURE PROPER OPERATIONS AND WARRANTY. THE COMPLETE PACKAGE PUMPING STATION SHALL HAVE PUMP BASES, RAIL ASSEMBLIES, AND DISCHARGE PIPING ASSEMBLED BY BARNEY'S PUMPS INC. READY FOR FIELD INSTALLATION.

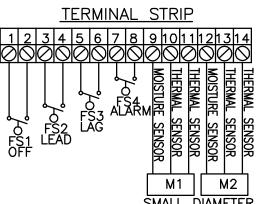
PUMP PACKAGE SHALL BE SUPPLIED BY BARNEY'S PUMPS INC. IN LAKELAND (863-665-8500), CORAL SPRINGS (954-346-0669), OR JACKSONVILLE (904-260-0669), FL.



NEMA 4X ENCLOSURE STAINLESS STEEL

## BASE PLATE LAYOUT (TYPICAL





	SENSOR	SENSOR	SENSOR	SENSOR	SENSOR	SENSOR
[	N	/1	][	N	/2	]
Š	MA PL	LL JMF		AM COF		ĒR

	<u>LEGEND</u>
ENC	ENCLOSURE
MCB	MAIN CIRCUIT BREAKER
ECB	EMERGENCY CIRCUIT BREAKER
PCB1,2	PUMP CIRCUIT BREAKER
	CONTROL CIRCUIT BREAKER
MS1,2	MOTOR STARTER
OL	OVERLOAD HEATER
GR	GENERATOR RECEPTACLE
VM	VOLT MONITOR
ETM	ELAPSED TIME METER
ALT	ALTERNATOR
AH	ALARM HORN
AL	ALARM LIGHT
ASB	ALARM SILENCE BUTTON
HOA	HAND OFF AUTO SWITCH
∨MB	VOLT MONITOR BYPASS
RL	RUN LIGHT
IL	INDICATING LIGHT
SFM	SEAL FAIL MODULE
ASR	ALARM SILENCE RELAY
	RUN CAPACITOR
	START CAPACITOR
	START RELAY
PM	PHASE MONITOR

PHASE MONITOR PMB PHASE MONITOR BYPASS

ALL PANELS SHALL CONFORM TO FLORIDA DEP 17-604.400 1) GENERATOR RECEPTACLE WITH INTERLOCK FOR EMERGENCY POWER CONNECTION.

2) SURGE AND LIGHTNING PROTECTION SHALL BE PROVIDED BY CONTRACTOR AND MOUNTED EXTERNAL TO THE CONTROL PANEL.

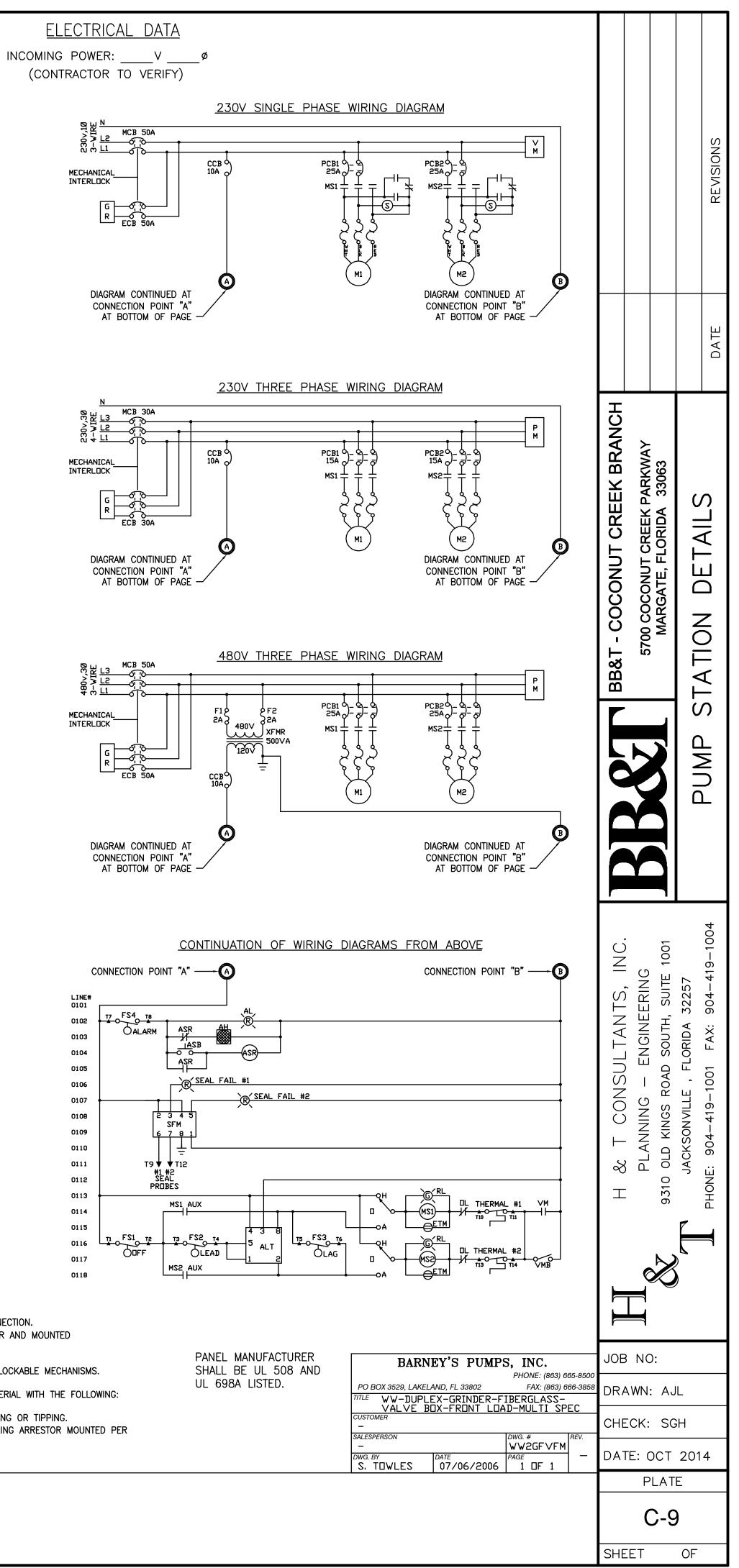
3) PHASE OR VOLTAGE MONITOR SHALL BE PROVIDED IN CONTROL PANEL. 4) ALL PANELS, WET WELL, VALVE BOX, AND ACCESS DOORS SHALL HAVE LOCKABLE MECHANISMS.

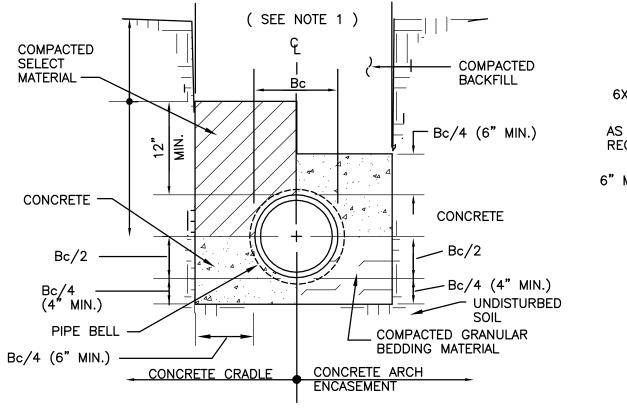
CONTRACTOR TO PROVIDE KEYED LOCKS. 5) POST UNOBSTRUCTED SIGN MADE OF DURABLE WEATHER RESISTANT MATERIAL WITH THE FOLLOWING:

PUBLIC NOTICE: IN CASE OF EMERGENCY CONTACT: 6) THE CONTROL PANEL SHALL BE SUITABLY INSTALLED TO PREVENT SETTLING OR TIPPING. 7) ELECTRICAL CONTRACTOR TO PROVIDE SERVICE DISCONNECT WITH LIGHTNING ARRESTOR MOUNTED PER

LOCAL CODES.

8) FLOAT SWITCHES SHALL BE UL LISTED.





CLASS "A" BEDDING-SPECIAL CONDITIONS

Bo

ENCH VERT POSS

ASAS

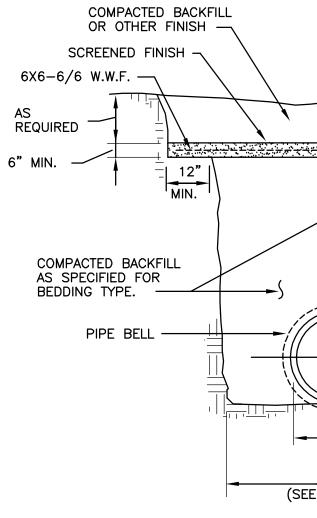
VERTICAL TRENCH WALLS

PIPE BEL

0.6 Bc (TOTAL) -

(SEE NOTE 1)

-



BRACING 12**'** MIN. SHEETING (SEE NOTE 1) PROTECTIVE CONCRETE SLAB SHEETED TRENCH

SPECIAL DETAIL



- Bc = PIPE O.D.Bd = TRENCH WIDTH AT TOP OF PIPE Bd = Bc + 24"MAX. Bd = MAX. DIM. OF BELL + 8" (UNSHEETED TRENCH) MAX. DIM. OF BELL + 12" (SHEETED TRENCH) MIN.
- DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL BE AS REQUIRED TO REACH SUITABLE FOUNDATION FOR NON-CUSHIONING MATERIAL, DEPTH SHALL BE 6" BELOW BOTTOM OF UTILITY.
- SHEETING SHALL BE DRIVEN BELOW THE UTILITY INVERT IF REQUIRED FOR LATERAL SUPPORT OR UNSUITABLE MATERIAL REMOVAL. WHERE DRIVEN BELOW PIPE INVERT, SHEETING SHALL BE CUT OFF A MINIMUN OF 12" ABOVE TOP OF PIPE, OR HIGHER AS AUTHORIZED BY THE ENGINEER, AND LEFT IN PLACE. IN NO CASE SHALL SHEETING LEFT IN PLACE EXTEND HIGHER THAN 30" BELOW SURFACE GRADE UNLESS SPECIFICALLY APPROVED. BRACING SHALL BE APPROVED AS REQUIRED.
- PROTECTIVE CONCRETE SLABS ARE REQUIRED WHENEVER DEPTH OF COVER IS LESS THAN 36" AND IF APPROVED BY THE 4. UTILITY.
- 5. BACKFILL TO BE COMPACTED TO 98% DENSITY OF AASHTO T180 MOTIFIED PROCTOR IN AREAS TO BE PAVED AND 95% AT ALL OTHERS.



NORMAL TRENCH GRANULAR BEDDING

CLASS "B" BEDDING-NORMAL CONDITIONS

- COMPACTED GRANULAR

BEDDING MATERIAL



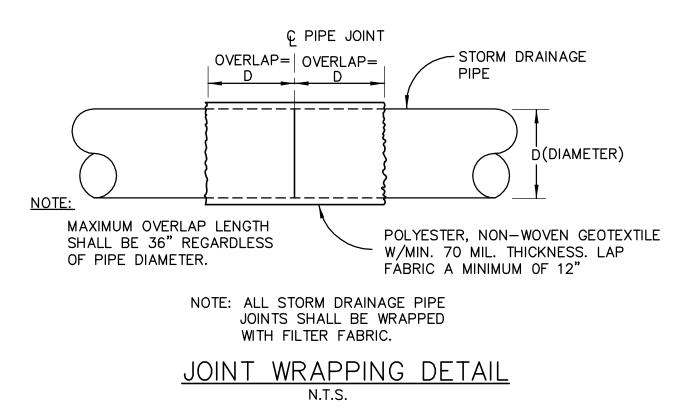
SEE NOTE 2

— COMPACTED

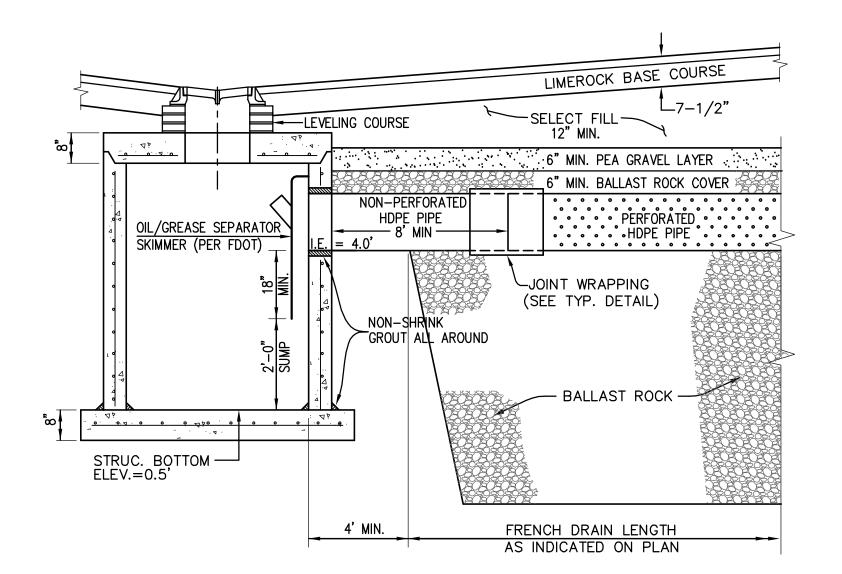
BACKFILL

COMPACTED

SELECT MATERIAL







- ELEVATION IN ACCORDANCE WITH THE DETAILS. 3. SEE FDOT INDEX 241 FOR OUTLET PIPE SKIMMER DETAILS.
- NOTES: 1. WOVEN GEOTEXTILE FABRIC (AT EACH SIDE, TOP AND BOTTOM) SHALL BE USED IN SANDY OR FILLED ÀREAS. USE TYPE D-3 PER FDOT INDEX 199.

18" SQUARE X 6" THICK

FOUR #4 BARS E.W.O.C.

45° BEND-

6" PVC-

3,000 PSI CONCRETE SLAB TO BE CAST

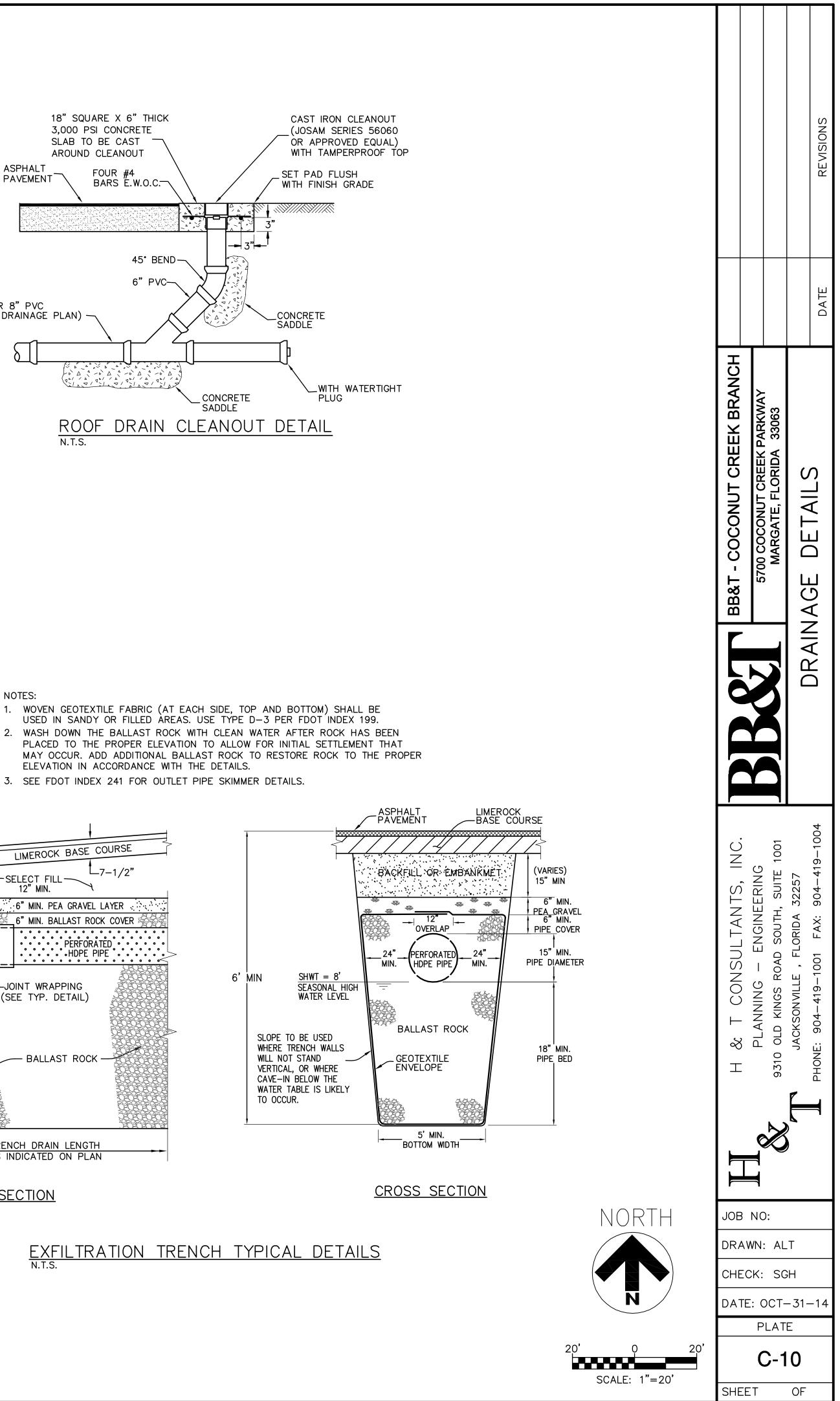
AROUND CLEANOUT

ASPHALT

PAVEMENT

6" OR 8" PVC (SEE DRAINAGE PLAN) -

N.T.S.



OWNER'S REQUIREMENTS	
SITE DESCRIPTION	GENERAL
PROJECT NAME AND LOCATION:	
BB&T - COCONUT CREEK BRANCH	THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S
5700 COCONUT CREEK PARKWAY MARGATE, FLORIDA 33063	REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE
	ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT
OWNER NAME AND ADDRESS:	CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE
BRANCH BANK & TRUST CO. 2525 HOWELL BRANCH ROAD, SUITE 1021	REQUIRED TO ADD FLOCCULANTS TO THE RETENTION SYSTEM PRIOR TO PLACING
CASSELLBERRY FLORIDA 32707	THE SYSTEM INTO OPERATION.
DESCRIPTION:	SEQUENCE OF MAJOR ACTIVITIES:
CONSTRUCT NEW BUILDING AND PARKING LOT.	
PROVIDE NEW SMS AS REQUIRED TO ACCOMMODATE IMPROVEMENTS PER AUTHORITIES WITH JURISDICTION.	THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:
SOIL DISTURBING ACTIVITIES WILL INCLUDE: SITE CLEARING, GRADING, EXCAVATIONS, CONSTUCTION OF FACILITY	1. INSTALL STABILIZED 9. INSTALL STORM SEWER,
	CONSTRUCTION ENTRANCE       AND IRRIGATION.         2. INSTALL SILT FENCES AND HAY       10. COMPLETE GRADING AND
RUNOFF CURVE NUMBERS: 1. PRE-CONSTRUCTION = 76	BALES AS REQUIRED INSTALL PERMANENT
2. DURING CONSTRUCTION = $74$	3. CLEAR AND GRUB FOR DIVERSION 11. REMOVE ACCUMULATED
3. POST-CONSTRUCTION = 86	SWALES/DIKES AND SEDIMENT       11. REMOVE ACCUMULATED         BASIN       SEDIMENT FROM BASINS
SOILS: 55% - POMPANO FINE SAND (0% TO 5% SLOPES)	4. CONSTRUCT SEDIMENTATION BASIN 12. WHEN ALL CONSTRUCTION
45% - UDORTHENTS (0% TO 5% SLOPES)	ACTIVITY IS COMPLETE AND THE
SITE MAPS: * SEE LISDA SCS. CITY OF MARGATE SOIL SUBVEY	5. CONTINUE CLEARING AND       SITE IS STABILIZED, REMOVE ANY         GRUBBING       TEMPORARY DIVERSION
* SEE USDA SCS, CITY OF MARGATE SOIL SURVEY * SEE USGS QUADRANGLE MAP ", FLORIDA"	6. STOCK PILE TOP SOIL IF REQUIRED SWALES/DIKES AND RESEED/SOD
* SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS	AS REQUIRED 7. PERFORM PRELIMINARY GRADING
* SEE GENERAL NOTES FOR REQUIRMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.	ON SITE AS REQUIRED
	8. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS
SITE AREA: 1. TOTAL AREA OF SITE = 0.87 AC	PRACTICABLE
2. TOTAL AREA TO BE DISTURBED = $0.87 \text{ AC}$	TIMING OF CONTROLS/MEASURES
NAME OF RECEIVING WATERS:	
CITY OF MARGATE CANAL C-14, NORTH OF THE PROJECT SITE	AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES
	AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT
	BASIN WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY
CONTROLS	OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE
	CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION AND	CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE
TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON	WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE
PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY	ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT TRAPS
TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL,	AND THE EARTH DIKE/SWALES WILL BE REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION & TURBIDITY CONTROL PLAN.
STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A	
VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.	
STORM WATER MANAGEMENT	CONTROLS
PROJECT STORM WATER DRAINAGE WILL BE PROVIDED BY STANDARD INLET	
COLLECTION SYSTEM, CONVEYANCE AND DISCHARGE TO PRIVATE RETENTION POND. AREAS WHICH ARE NOT TO BE CONSTRUCTED ON, BUT WILL BE REGRADED	IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND
SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF 0.95 ACRES WILL HAVE BEEN	TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL
REGRADED & 0.11 ACRES LEFT UNDISTURBED. THE SITE DISCHARGES TO A	PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED , MAINTAINED AND FUNCTIONING PROPERLY
MASTER STORM WATER SYSTEM. WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE	TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE.
PERMANENT STORMWATER BASIN. THE STORMWATER SYSTEM IS DESIGNED IN	THE CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSON AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL
ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR THIS TYPE OF DEVELOPMENT AT THE TIME IT	MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND
WAS CONSTRUCTED.	LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS
	REQUIRED BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED
	TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT
TIMING OF CONTROLS/MEASURES	SITE BY THE REGULATORY AGENCIES.
REFER TO " CONTRACTORS RESPONSIBILITY" FOR THE TIMING OF	
CONTROL/MEASURES.	STABILIZATION PRACTICES EROSION AND SEDIMENT CONTROLS
	1. HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS	FOLLOWING LIMITATIONS:
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS RELATED TO STORM	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
WATER MANAGEMENT AND EROSION AND TURBIDITY CONTROLS, THE FOLLOWING	B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
PERMITS HAVE BEEN OBTAINED. DEP STANDARD GENERAL STORMWATER PERMIT NO.:	C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
DEP NPDES PERMIT NO.:	D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE
	BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE
OWNER'S CERTIFICATION	THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE
	AGAINST WASHOUT.
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL	REFER TO STANDARD DETAILS FOR CONSTRUCTING THE HAY
ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN	BALE BARRIER. ALSO REFER TO STANDARD DETAILS AND REQUIREMENT FOR
ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION	PROPER LOCATION, MATERIAL & USAGE.
SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO	2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW
MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR	DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE	B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.
INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR	REFER TO STANDARD DETAILS FOR PROPER CONSTRUCTION
KNOWING VIOLATIONS.	OF THE FILTER FABRIC BARRIER. 3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED
	BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE
SIGNED:	ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
DATED:	4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT- FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE
	GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE

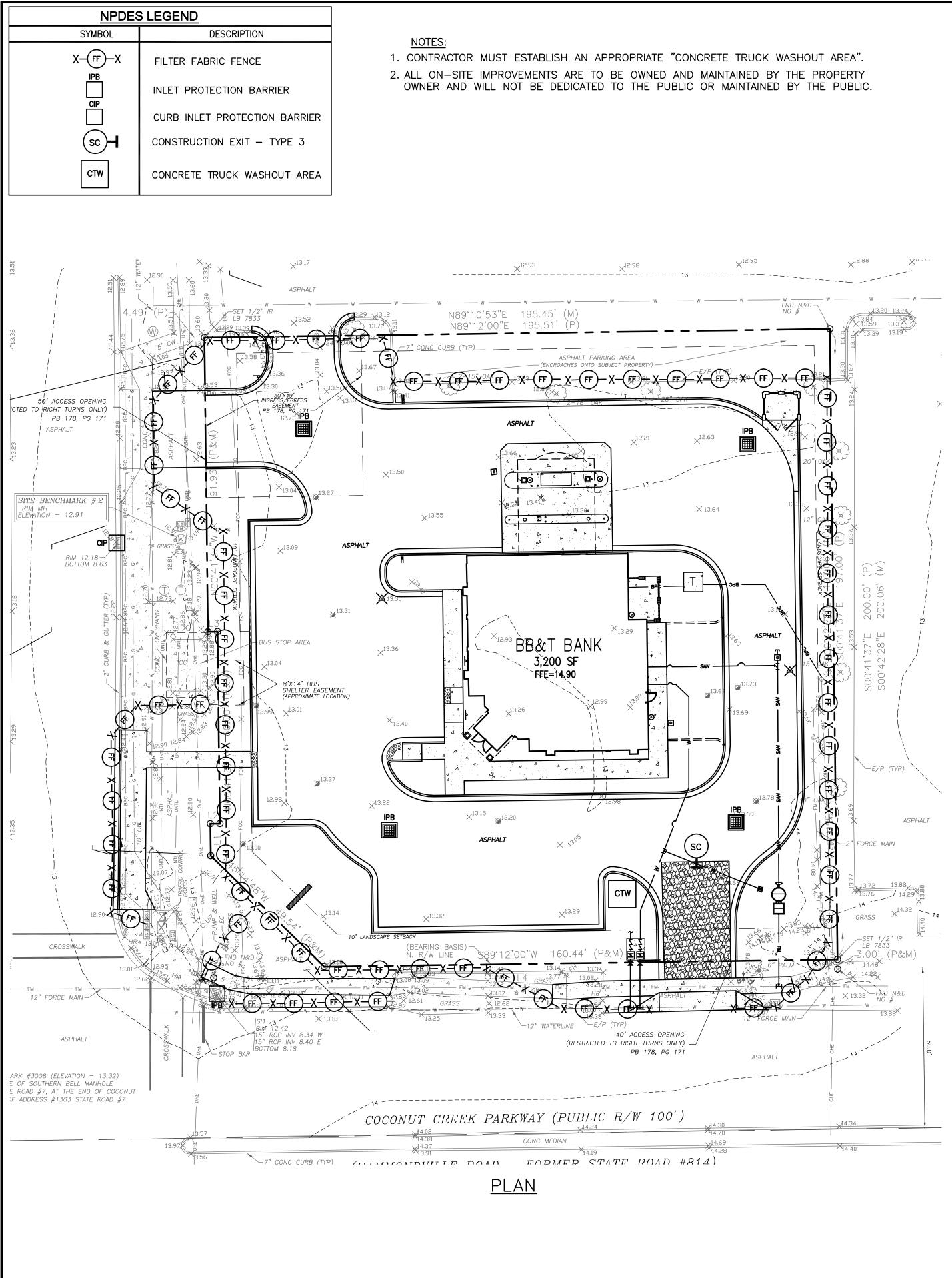
# STORM WATER POLLUTION PREVENTION PLAN

## CONTRACTOR'S REQUIREMENTS

TABILIZATION PRACTICES EROSION AND SEDIMENT CONTROLS(cont.)	OTHER CONTROLS	HAZARDOUS PRO
I) CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO	WASTE DISPOSAL	THESE PRACTICES ARE USED TO REDUCE T HAZARDOUS MATERIALS.
CONCENTRATE AFTER RELEASE. LEVEL SPREADER SHALL BE CONSTRUCTED ACCORDANCE TO CITY STANDARD DETAIL D-914. FOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE OCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF IE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER OLLECTION FACILITY. (POSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE OIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR (CAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. IIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN ROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ODITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT	WASTE MATERIALS ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR	<ul> <li>* PRODUCTS WILL BE KEPT IN ORIGINAL CORESEALABLE.</li> <li>* ORIGINAL LABELS AND MATERIAL SAFETY CONTAIN IMPORTANT PRODUCT INFORMA</li> <li>* IF SURPLUS PRODUCT MUST BE DISPOSE AND STATE RECOMMENDED METHODS FOR FOLLOWED.</li> <li>PRODUCT SPECIFIC PRACTICES THE FOLLOWING PRODUCT SPECIFIC PRACTICES</li> </ul>
E SEDIMENTS. LET PROTECTION: INLETS AND CATCH BASINS WHICH DISCHARGE RECTLY OFF-SITE SHALL BE PROTECTED FROM SEDIMENT-LADEN STORM INOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS AT MAY CONTRIBUTE SEDIMENT TO THE INLET. EMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS ID THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND ECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED TH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY OVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT	SEEING THAT THESE PROCEDURES ARE FOLLOWED. HAZARDOUS WASTE ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	PETROLEUM PRODUCTS ALL ONSITE VEHICLES WILL BE MONITOR REGULAR PREVENTIVE MAINTENANCE TO LEAKAGE. PETROLEUM PRODUCTS WILL CONTAINERS WHICH ARE CLEARLY LABE USED ONSITE WILL BE APPLIED ACCORD RECOMMENDATIONS.
TER COMPETE WITH THE PERMANENT GRASSING. MPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT LL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE IALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES OSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED EA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH. EMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) ALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER ITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING ONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. MPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED R PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS. EMPORARY REGRASSING : IF, AFTER 14 DAYS FROM SEEDING, THE	SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS. OFFSITE VEHICLE TRACKING A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.	FERTILIZERS USED WILL BE APPLIED ONL RECOMMENDED BY THE MANUFACTUREF BE WORKED INTO THE SOIL TO LIMIT EXP STORAGE WILL BE IN A COVERED AREA. T PARTIALLY USED BAGS OF FERTILIZER WI SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALE REQUIRED FOR USE. EXCESS PAINT WILL STORM SEWER SYSTEM BUT WILL BE PRO TO MANUFACTURERS' INSTRUCTIONS OR
MPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 RECENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND DITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED RGETATIVE COVER. IAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND DISTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE	INVENTORY FOR POLLUTION PREVENTION PLAN THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE	CONCRETE TRUCKS CONCRETE TRUCKS WILL NOT BE ALLOWE SURPLUS CONCRETE OR DRUM WASH WA
AINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO INCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED. ERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF HE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE IFFSITE FACILITIES. ERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY ONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST ROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL	PRESENT ONSITE DURING CONSTRUCTION:         Concrete       Fertilizers       Wood         Asphalt       Petroleum Based Products       Masonry Blocks         Tar       Cleaning Solvents       Roofing Materials         Detergents       Paints       Metal Studs	SPILL CONTROL PRACTICES IN ADDITION TO THE GOOD HOUSEKEEPING PRACTICES DISCUSSED IN THE PREVIOUS S FOLLOWING PRACTICES WILL BE FOLLOWE CLEANUP: MANUFACTURERS' RECOMMENDED METHO CLEARLY POSTED ON SITE AND SITE PERS
EGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED R SODDED. STRUCTURAL PRACTICES	SPILL PREVENTION	PROCEDURES AND THE LOCATION OF THE SUPPLIES.
EMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE SED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY. ND IT SHALL BE CONSTRUCTED IN ACCORDANCE TO D-914. EMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN N DRAINAGEWAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF SCHARGE FROM A DISTURBED AREA.	MATERIAL MANAGEMENT PRACTICES THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.	MATERIALS AND EQUIPMENT NECESSARY I IN THE MATERIAL STORAGE AREA ONSITE. INCLUDE BUT NOT BE LIMITED TO BROOMS GLOVES, GOGGLES, LIQUID ABSORBENT (i. SAND, SAWDUST, AND PLASTIC AND METAL FOR THIS PURPOSE.
IE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER DEPENDANTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION E: OCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS PLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW PACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND	GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT. * AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO	ALL SPILLS WILL BE CLEANED UP IMMEDIA THE SPILL AREA WILL BE KEPT WELL VENT WEAR APPROPRIATE PROTECTIVE CLOTHI CONTACT WITH A HAZARDOUS SUBSTANC SPILL OF TOXIC OR HAZARDOUS MATERIA APPROPRIATE STATE OR LOCAL GOVERNM
E STRUCTURE. REFER TO D-902 FOR CONSTRUCTION OF A RB INLET SEDIMENT FILTER, AND D-904 FOR CONSTRUCTION OF A OP INLET SEDIMENT FILTER. RAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE AVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE NDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE CONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED EAS. REFER TO D-903 FOR CONSTRUCTION OF CURB INLET & DROP	DO THE JOB. * ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. * PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE	SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE AD. PREVENT THIS TYPE OF SPILL FROM REOO THE SPILL IF THERE IS ANOTHER ONE. A D CAUSED IT, AND THE CLEANUP MEASURES THE SITE SUPERINTENDENT RESPONSIBLE OPERATIONS, WILL BE THE SPILL PREVEN
DIMENT TRAP. OP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE E INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE EET OR OVERLAND FLOWS (Q < $0.5$ CFS) ARE TYPICAL. THIS METHOD ALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH IN STREET OR HIGHWAY MEDIANS. REFER TO D-905 FOR INSTRUCTION OF HAY BALE & FABRIC SEDIMENT FILTER.	ORIGINAL MANUFACTURER'S LABEL. * SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. * WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.	HE/SHE WILL DESIGNATE AT LEAST ONE C WILL RECEIVE SPILL PREVENTION AND CLI INDIVIDUALS WILL EACH BECOME RESPON OF PREVENTION AND CLEANUP. THE NAM PERSONNEL WILL BE POSTED IN THE MAT APPLICABLE, IN THE OFFICE TRAILER ONS
JTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND VED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCES & AY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE SCHARING STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.	* THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.	MAINTENANCE/INSPECTI EROSION AND SEDIMENT CONTROL INSPEC THE FOLLOWING ARE INSPECTION AND MAI
EDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE CATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY ONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE DIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF		USED TO MAINTAIN EROSION AND SEDIMEN * NO MORE THAN 10 ACRES OF THE SITE WI WITHOUT WRITTEN PERMISSION FROM THE * ALL CONTROL MEASURES WILL BE INSPEC THE PERSON RESPONSIBLE FOR THE DAY
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STURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT SINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN CORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL DIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS IST BE REMOVED UPON FINAL STABILIZATION.		* BUILT UP SEDIMENT WILL BE REMOVED FF REACHED ONE-THIRD THE HEIGHT OF THE

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#### **SPECIFICATIONS:**

contractor to install erosion controls as shown on this plan and/or other project specifications, all in compliance with local govering agencies, and epa. contractor shall file and give notice to the appropriate parties at a minimum 48 hours prior to construction. it is the obligation of the operator/contractor, subcontractor, and permittee to understand and comply with the NPDES general permit along with any required federal and/or local governing agencies.

The operator or operators involved with construction activities including clearing, grading, and excavating that result in land disturbance will need to implement pollutant control measures identified on this sheet (C-8A) and must comply with the requirements of NPDES General Permit and any local governing agency having jurisdiction concerning erosion and sedimentation control, along with any additional documents or amendments thereto: Post a signed copy of the construction site notice and/or NOI at the construction site in a location where it is readily available for viewing by the general public, local, state, and federal authorities, prior to commencing construction activities, and maintain the notice in that location until completion of the construction activity

#### EXECUTION:

1. Construct rock pads for construction entrance/exit. This will be the first construction work on the project.

- 2. Install sediment barriers down slope from construction activities that disturb site soil;
- 3. Construct rock surface for temporary parking;
- 4. A rock filter dam will be placed at the outfall of any proposed detention/storm water quality pond as temporary outfall protection and provide filtration of larger soil particles.
- 5. Clear and grub the improvement areas. Sediment barriers will already be in place down slope;
- 6. Excavation and embankment to form drainage channels;
- 7. Excavation and embankment to form the building pad and pavement areas;

 $\times$  8. Underground Utilities – Sediment barriers will be utilized as required to bound the down slope side of utility construction and soil stockpiles; 9. Final Grading - Sediment barriers will be maintained down slope from disturbed soil during this operation; 10. Completion of on-site stabilization. (Contractor must obtain a minimum of 70% vegetation or the minimum requirement by local governing acency.) The actual schedule for implementing pollutant control measures will be determined by project construction progress. Down slope protective measures must always be in place before soil is disturbed.

#### PURPOSE

The purpose of this procedure is to control erosion in order to reduce negative impacts on water and air quality. Proactive measures will address ongoing maintenance of a facility's site as well as provide for future construction and repairs to the site. Policy provisions will include restoring eroded soil areas and eliminating conditions that result in erosion or sedimentation.

#### 1. SCOPE

This policy applies to all future construction activities and infrastructure repairs at the facility site in an effort to control erosion and sedimentation.

#### 2. PERFORMANCE MATRIX

The plan must meet the following objectives:

- Prevent loss of soil during construction by stormwater runoff and/or wind
- A. erosion, including protecting topsoil by stockpiling for reuse.
- Prevent sedimentation of storm sewer or receiving streams.
- Prevent polluting the air with dust and particular matter.
- Building operations and maintenance activity will be logged to ensure that plan has been followed.

3. GOALS

Establish an erosion and sediment control policy that conforms to set practices set by the US EPA or other more stringent municipal standards. Provide a method for tracking and documenting that the policies have been followed.

#### 4. PROCEDURE AND STRATEGIES

Procedure and strategies include a policy that mandates implementation of erosion and sediment control techniques and requires the techniques' inclusion into contract documents for any construction projects carried out on site. Consider employing strategies that address temporary and permanent landscaping issues and changes; erosion caused by pedestrian traffic; and stormwater overflow. Ongoing identification and elimination of these causes of erosion on sites are important components of addressing erosion and sedimentation.

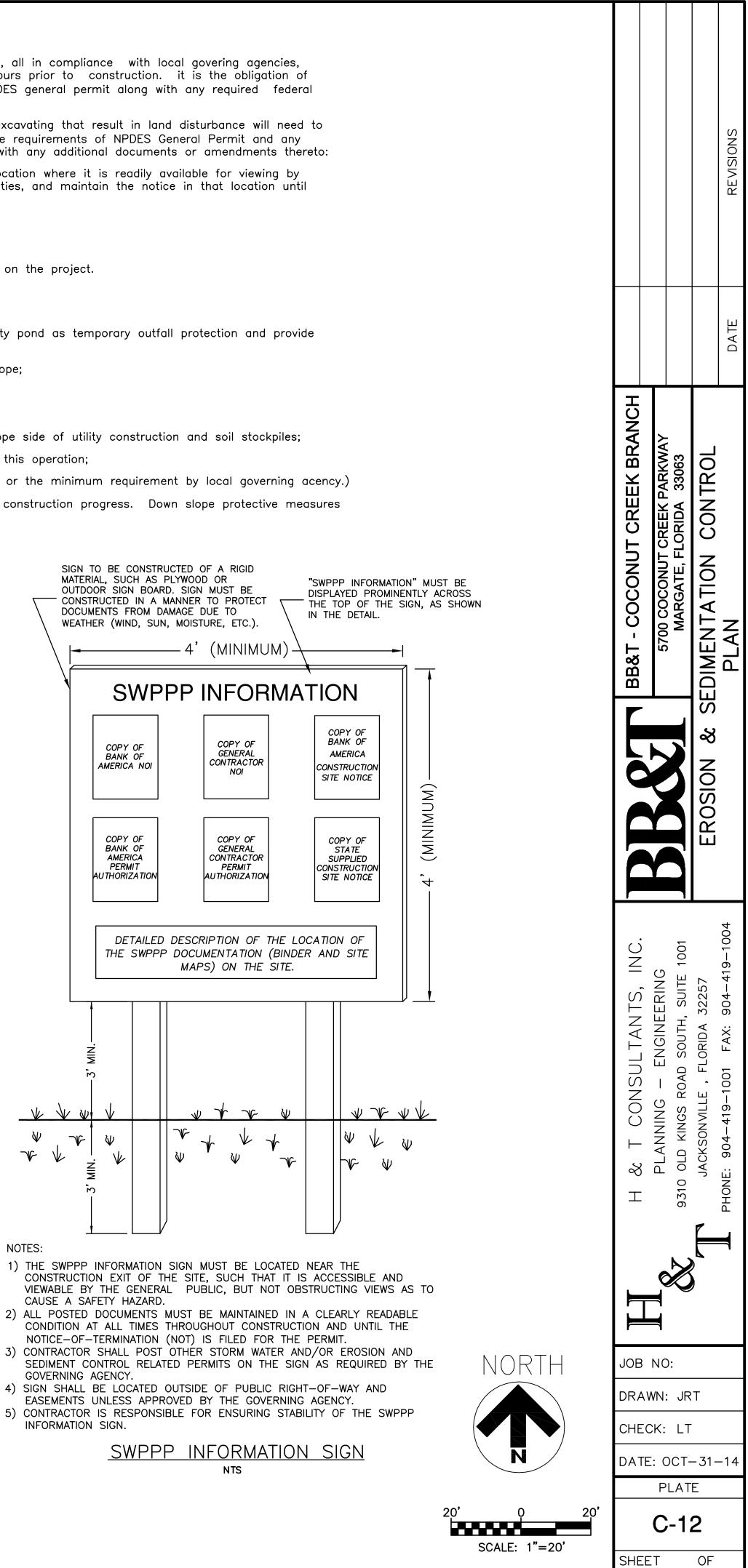
#### 5. RESPONSIBLE PARTY

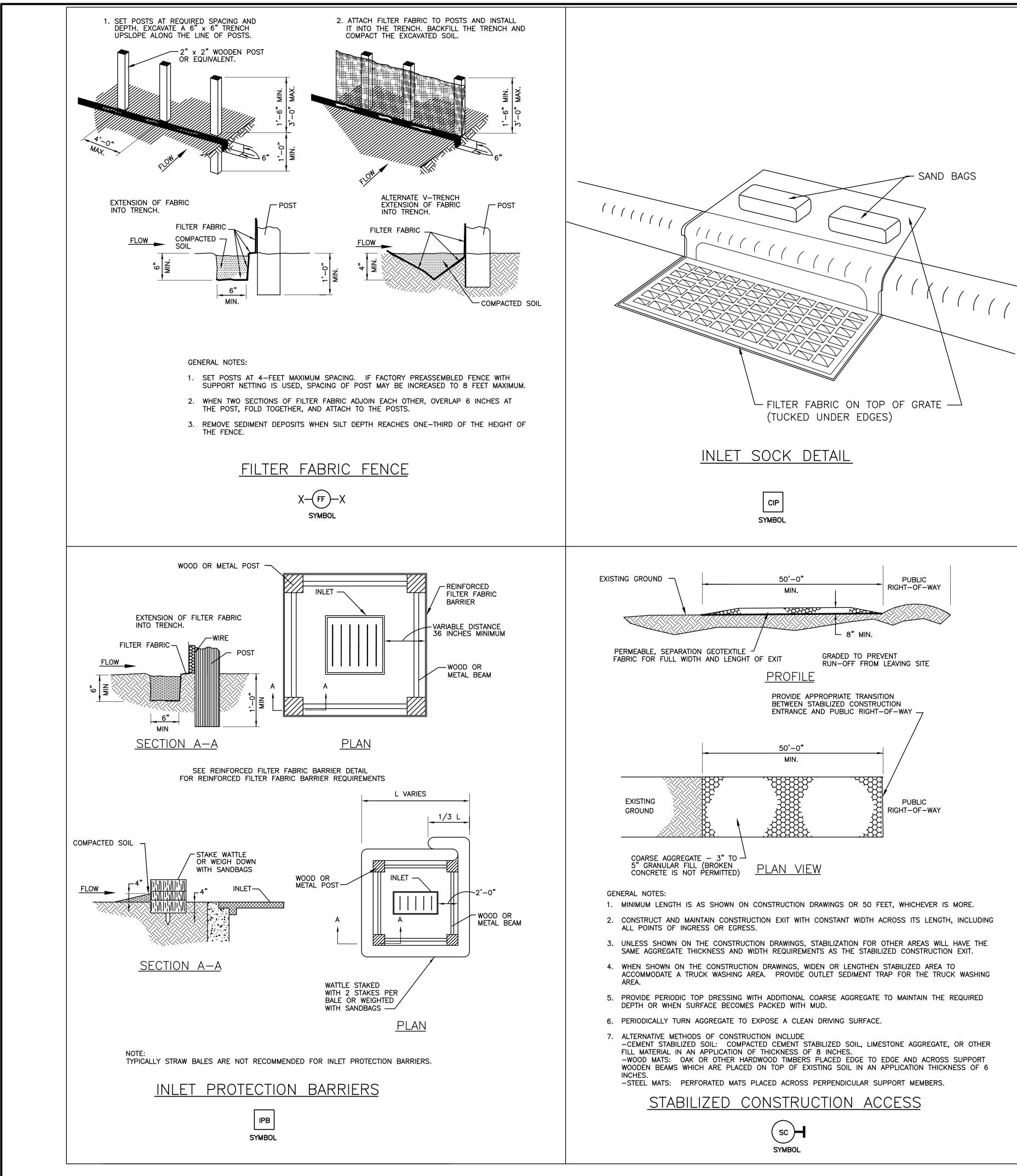
A facility manager will be responsible for the ongoing implementation and will sign off the facility sedimentation and erosion policy.

#### 6. TIME PERIOD

The duration of a facility's operations under current owner and operator.

NOTES:





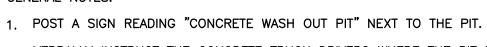
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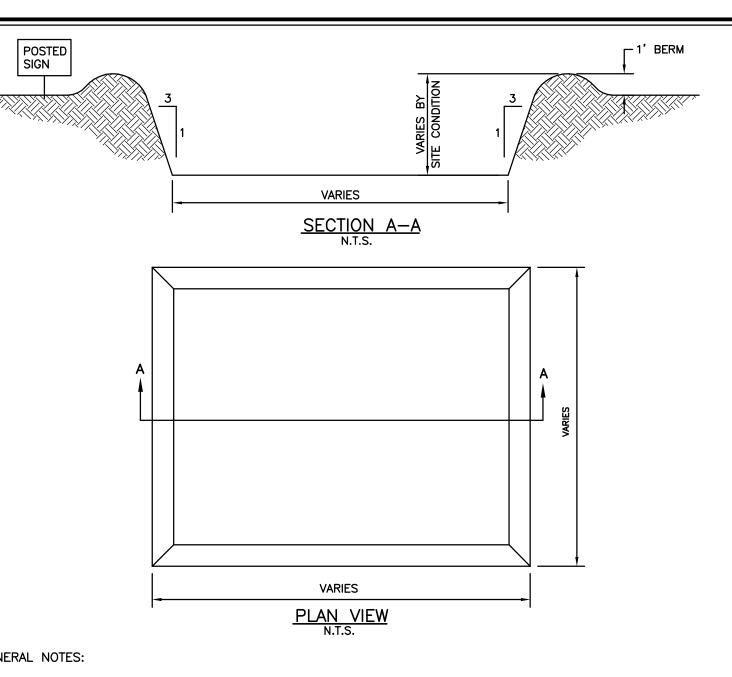
OF ORLANDO CODES

PER CITY OF ORLANDO CODE.

- 5. CONSTRUCT ENTRY ROAD AND BOTTOM OF WASHOUT AREA TO SUPPORT EXPECTED LOADINGS FROM TRUCKS EQUIPMENT.
- 4. CONCRETE WASH OUT PITS SHALL NOT BE LOCATED DIRECTLY ADJACENT TO, NOR AT ANY TIME DRAIN INTO THE STORM SEWER SYSTEM OR ANY OTHER SWALE, DITCH, OR WATERWAY.
- IN-SITU CONDITIONS, OR AS DIRECTED BY THE PROJECT SPECIFICATIONS.
- FROM THE PROJECT SITE AND DISPOSED OF PROPERLY BY THE CONTRACTOR. AFTER REMOVAL OF THE CONCRETE WASTE, THE WASH OUT PIT SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED TO
- 3. UNPON THE CONCRETE SETTING UP (CURING, DRYING OUT), THE CONCRETE WASTE SHALL BE REMOVED
- IN THE PIT AND NO WHERE ELSE.
- 2. VERBALLY INSTRUCT THE CONCRETE TRUCK DRIVERS WHERE THE PIT IS AND TO WASH OUT THEIR TRUCKS



GENERAL NOTES:



CTW

SYMBOL

CONCRETE TRUCK WASHOUT AREA

ADDITION TO THOSE PRESENTED ON THE PLANS AND ONTROL PLAN (ECP), BEST MANAGEMENT PRACTICES (BMP) TION PLAN (SWPPP) SHALL BE IMPLEMENTED AS NECESSARY WING ONTO ADJACENT PROPERTIES OR ROADWAYS, OFF SITE WATERS, OR ON SITE WETLANDS AND SURFACE WATERS. MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SISTENT WITH STATE AND LOCAL REGULATIONS. [THE PERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO NECESSARY TO ENSURE COMPLIANCE.]

CHARGES TO THE MS4, OR DISCHARGES TO ONSITE WETLANDS CESS OF 29 NEPHELOMETRIC TURBIDITY UNITS (NTUS) ABOVE CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO AIR & DCCURRENCE (PH: 941.861.5000; FAX: 941.861.0986). THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.

INT PROPERTIES ARE NOT IMPACTED BY WIN EROSION, OR TTER IN ACCORDANCE WITH RULE 62-296.320 (4)(C)1, TO STABILIZE AFFECTED AREAS.

LS THAT ENTER STORM WATER DRAINS OR WATER BODIES, SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE REPORTED TO AIR & WATER QUALITY (PH: 941.861.5000; RFACE SPILLS SHALL BE CLEANED UP AS SOON AS

ER IS DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL TION SHALL IMMEDIATELY CEASE, AND AIR & WATER QUALITY FAX: 941.861.0986).

SYSTEM:

• NPDES CONSTRUCTION GENERIC PERMIT COVERAGE SHALL BE OBTAINED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH RULE

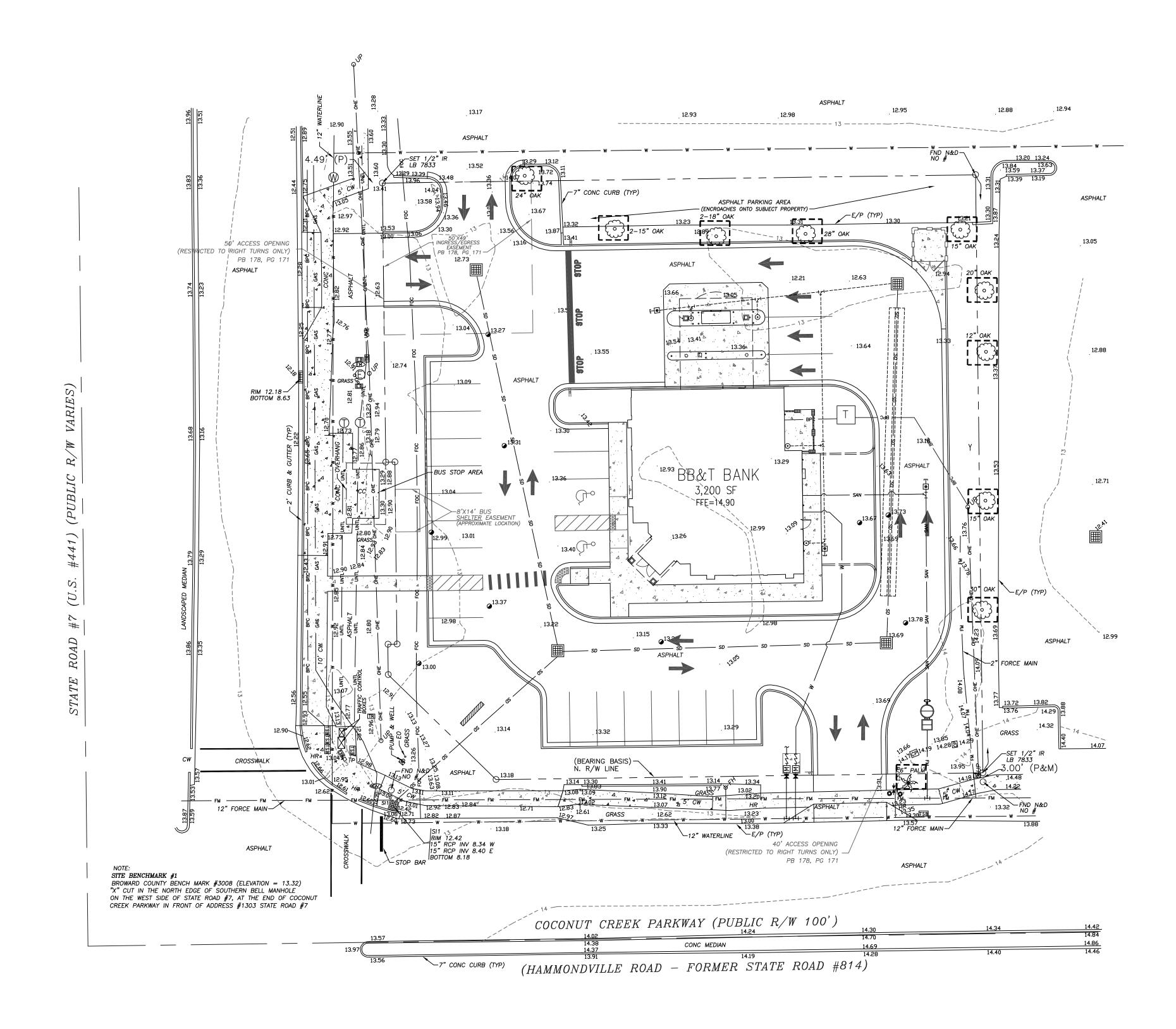
• A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH CITY

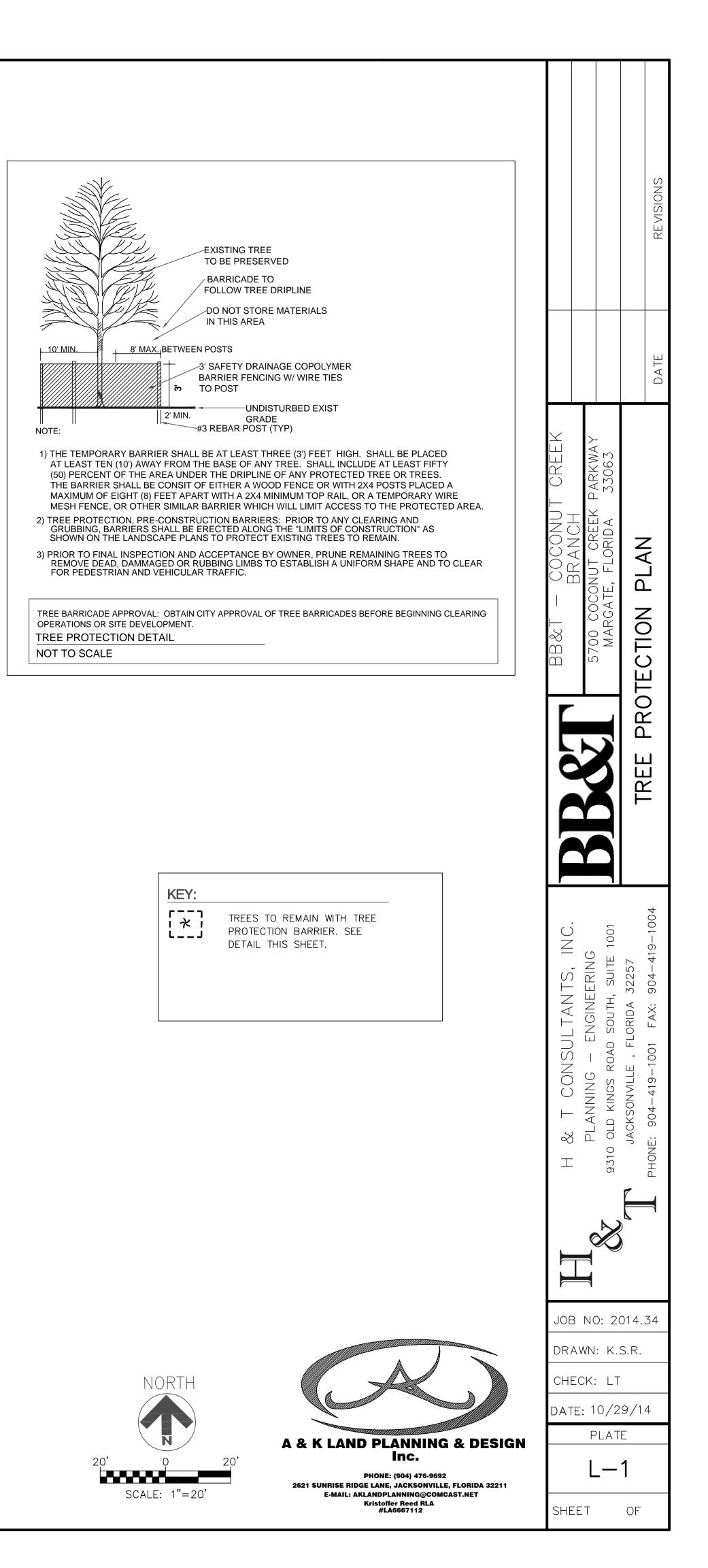
• THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH RULE 62-621.300(4)(A)PART V.D.6, F.A.C., AND A COPY OF THE CERTIFIED DOCUMENT SHALL BE SUBMITTED TO AIR & QUALITY AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

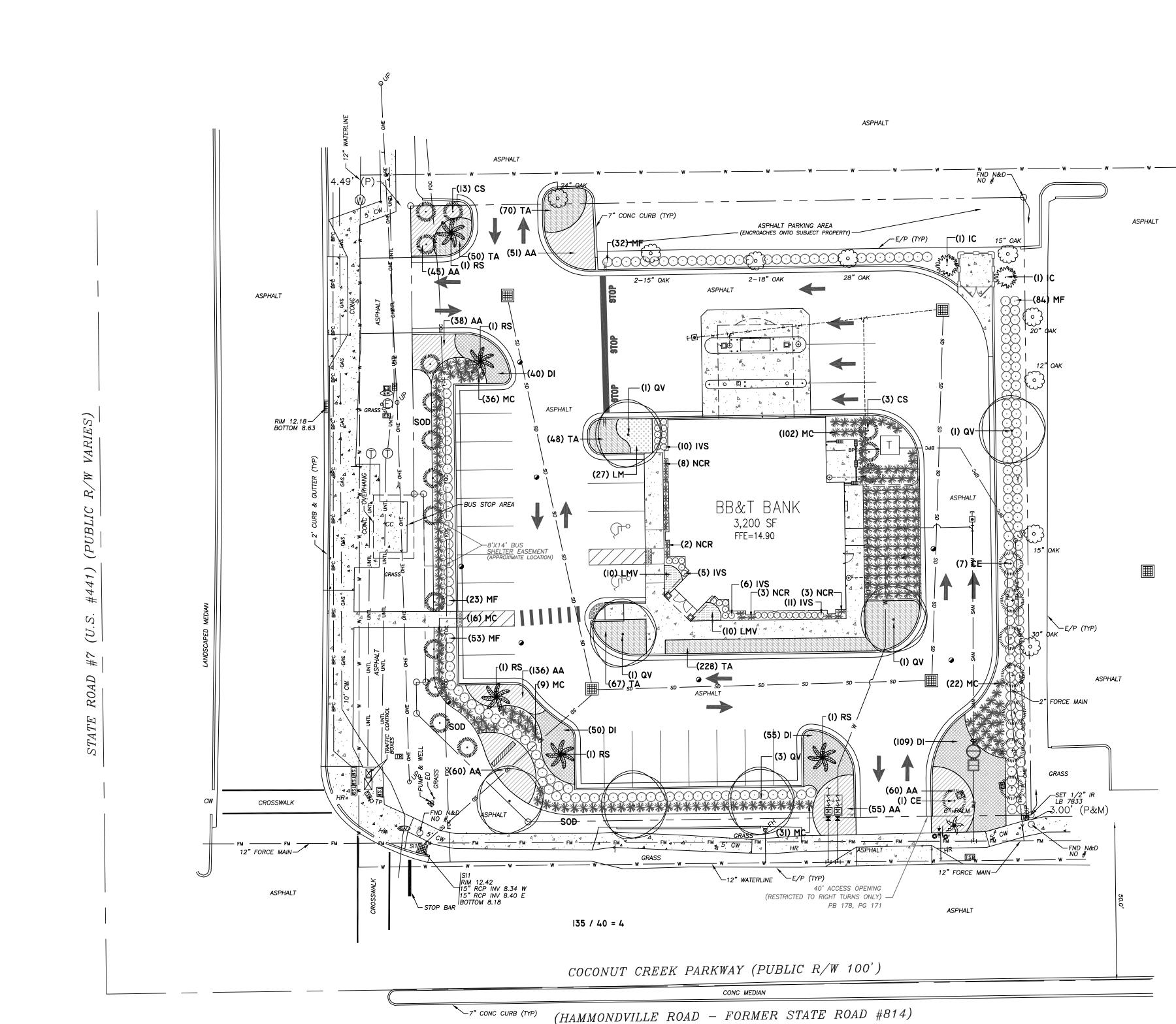
• A COPY OF THE SWPPP, AND COPIES OF THE INSPECTION AND MAINTENANCE RECORDS SHALL BE MAINTAINED AT THE PROJECT SITE, AND SHALL BE READILY AVAILABLE TO CITY OR STATE INSPECTORS PER THE CITY OF ORLANDO CODE.

■ THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DEWATERING, TO SURFACE WATERS, OR TO ANY PORTION OF THE MS4 WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING. ANALYTICAL RESULTS FROM PRE-DISCHARGE TESTING SHALL BE PROVIDED TO AIR & WATER QUALITY PURSUANT TO REQUIREMENTS OF THE CITY OF ORLANO CODES.

RANCH	IAY		DATE REVISIONS
BB&T - COCONUT CREEK BRANC	5700 COCONUT CREEK PARKWAY MARGATE, FLORIDA 33063	EROSION & SEDIMENTATION CONTROL	DETAILS
H & T CONSULTANTS, INC.	- PLANNING – ENGINEERING 9310 OLD KINGS ROAD SOUTH, SUITE 1001	JACKSONVILLE, FLORIDA 32257	J PHONE: 904–419–1001 FAX: 904–419–1004
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CHEC	K: LT	- 31- E	-14







# CITY CODE REQUIREMENTS

NORTH PERIMETER BUFFER I CANOPY TREE / 75 L.F. & NO MORE THAN 30% SOD 170 L.F. = 3 CANOPY TREES REQUIRED 3 CANOPY TREES PROVIDED

SOUTH PERIMETER BUFFER I CANOPY TREE / 40 L.F. & NO MORE THAN 50% SOD 135 L.F. = 4 CANOPY TREES REQUIRED 3 CANOPY TREES & | CATEGORY 2 TREE PROVIDED (OHE)

EAST PERIMETER BUFFER I CANOPY TREE / 75 L.F. & NO MORE THAN 50% SOD 197 L.F. = 3 CANOPY TREES REQUIRED OR | CATEGORY 3 TREE / 12 L.F. DUE TO OHE I CANOPY TREES PROVIDED & 7 CATEGORY 3 TREES PROVIDED (OHE)

WEST PERIMETER BUFFER I CANOPY TREE / 40 L.F. & NO MORE THAN 50% SOD 180 L.F. = 5 CANOPY TREES REQUIRED OR 15 CATEGORY 3 TREE / 12 L.F. DUE TO OHE I CANOPY TREES PROVIDED & 13 CATEGORY 3 TREES PROVIDED (OHE)

20 S.F. FOR EACH PARKING SPACE 22 SPACES X 20 S.F. = 440 S.F. I SHADE TREE PER 200 S.F. = 3 TREES

CANOPY TREE REQUIREMENT FOR LOT 12% 37,719 x 12% = 4,527 S.F. CATEGORY I TREE = 300 S.F. CATEGORY I TREE = 15 REQUIRED 7 CANOPY TREES PROVIDED & 3I CATEGORY 3 TREES PROVIDED

# FLORIDA FRIENDLY LANDSCAPE PLAN

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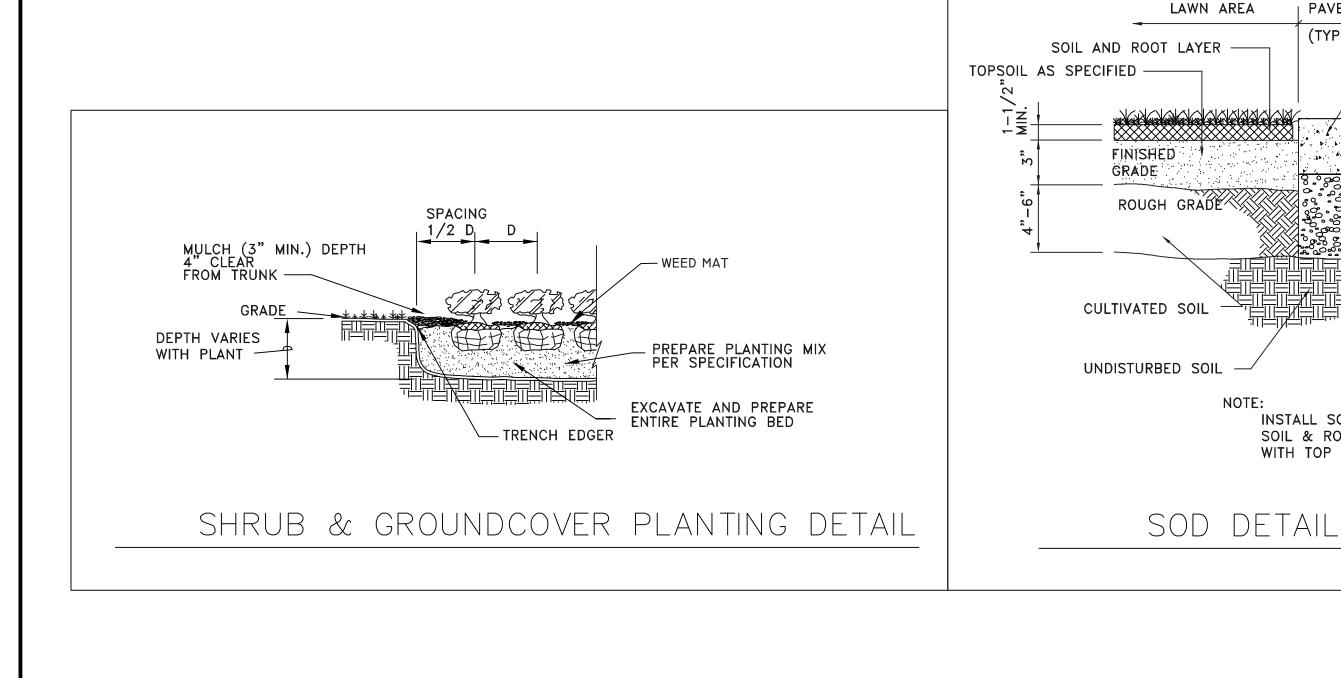


PHONE: (904) 476-9692 2621 SUNRISE RIDGE LANE, JACKSONVILLE, FLORIDA 32211 E-MAIL: AKLANDPLANNING@COMCAST.NET Kristoffer Reed RLA #LA6667112

				DATE REVISIONS
BB&T - COCONUT CREEK	5700 COCONIT CRFFK PARKWAY			
H & T CONSULTANTS INC	PLANNING – ENGINEERING	9310 OLD KINGS ROAD SOUTH, SUITE 1001	JACKSONVILLE, FLORIDA 32257	L PHONE: 904-419-1001 FAX: 904-419-1004
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General Notes and Specifications

- 1. Prior to construction the landscape contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during the course of the work. The landscape contractor is responsible for repairing any and all damage to utilities, structures, site appurtenances, etc., which occurs as a result of the landscape construction.
- 2. When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage conditions or obstructions, notify owner's representative before planting.
- 3. All plants must be healthy, vigorous material, free of pests and disease. 4. All trees, palms, and shrubs shall be highest grade
- Dept. of Agriculture and Consumer Services.
- 5. All plant material must be approved by the Landscape Architect before
- the plant material is installed. 6. Any changes to the plant material (size, type, etc..), irrigation or any other deviations from the plans must be approved by the Landscape Architect prior to the change being implemented by the contractor. The contractor
- must provide written proof of authorization for any changes. 7. All plants to be field grown or container grown as indicated on plant list. Store plants in shade and protect from weather. If plants cannot be planted immediately upon delivery, properly protect them with soil, wet peat moss, or, in a manner acceptable to owner's rep. Do not remove container grown stock from containers until planting time. Protect roots of plant from drying or other possible injury. Keep plant ball moist at all times.
- 8. All plants shall be triangular spaced.
- 9. Obtain agronomic soils test for all planting areas and tree pits prior to excavation of tree pits. Tests shall be performed by an approved soils testing laboratory and shall include fertility and suitability analysis with written recommendations for soil amendments, fertilizer and chemical conditioner application rates for soil preparation, planting backfill mix, and post maintenance fertilization program. Submit a copy of soils report to owner's rep. and landscape architect.
- 10. Add soil amendments as recommended by soil test in quantities necessary to bring soil mixture to pH rating of between 5.5 and 6.0. Minerals used for pH correction shall be commercially produced for this purpose. 11. All plants and planting areas must be completely mulched as specified with
- four (4) inches of organic mulch. Provide 4" minimum clearance of mulch from all shrub trunks and 6" minimum clearance from all tree trunks.
- 12. The landscape contractor is responsible for verifying all quantities shown on these plans, before pricing the work. 13. The planting shall be done in accordance with acceptable horticultural practices.
- This is to include proper planting mix, plant and tree pit preparation, pruning, staking or guying, wrapping, spraying, fertilization, planting, and adequate maintenance throughout the required maintenance period.
- 14. The landscape contractor is responsible for fully maintaining all planting (including but not limited to: pruning, watering, fertilizing, cultivating, weeding, mowing, mulching, tightening and repairing of guys, resetting plants to proper grade or upright position, restoration of plant saucer, and furnishing and applying such sprays as necessary to keep free of insects and diseases. The landscape contractor's responsibility for maintenance (exclusive of replacement within the guarantee period) shall terminate one year from the date of final acceptance by owner and landscape architect.
- 15. All trees, palms, shrubs and plant material shall be warranted for a period of one year after date of completion and acceptance of the entire project Final acceptance of all landscaping under this contract shall constitute the beginning of the guarantee period. Replace, in accordance with the drawings and specifications, all plants that are dead or, as determined by the owner's representative, are in an unhealthy or unsightly condition, and have lost their natural shape due to dead branches, or other causes due to the contractor's negligence. Furnish and plant replacements which comply with requirements shown and specified. Warrant all replacement plants for one year after installation. The cost of such replacement(s) is at the contractor's expense. 16. All plants are subject to approval by the owner's representative. Prior to planting,
- all trees and palms must be approved by the owner or owner's rep. 17. Standards set forth in "American Standard for Nursery Stock" represent guideline
- specifications only and shall constitute minimum quality requirements for plant material. 18. At the conclusion of this planting, if the owner's rep. or owner has reason to
- believe that the plants are not of the specified grade, he will request a re-grading or inspection, and such evidence will be the basis for requesting replacement of plants and for legal or other action according to law, should this become necessary. 19. All planting beds to be treated with pre-emergent weed control prior to planting.
- 20. Contractor is to check the site weekly to insure all plant material is healthy and well watered.
- 21. All disturbed areas to be sodded.



## PLANTING SCHEDULE:

QTY	KEY	BOTANICAL NAME	COMMON NAME	GRADE	HEIGHT	SPREAD	REMARK
TREES:							
8	CE	CONDCARPUS ERECTUS	SILVER BUTTONWOOD	FLA.#1	10'HT.	6'SPD.	STANDAR
16	CS	CALLISTEMON SP.	BOTTLEBRUSH	FLA.#1	10'HT.	6'SPD.	STANDAR
2	IC	ILEX CASSINE	DAHOON HOLLY	FLA.#1	10'HT.	6'SPD.	FULL TO
7	QV	QUERCUS VIRGINIANA	LIVE DAK	FLA.#1	15' HT D.A.	8' SPD.	4″ CAL.
5	RS	RDYSTONIA SP.	ROYAL PALM	FLA.#1	_	_	12′ - 14

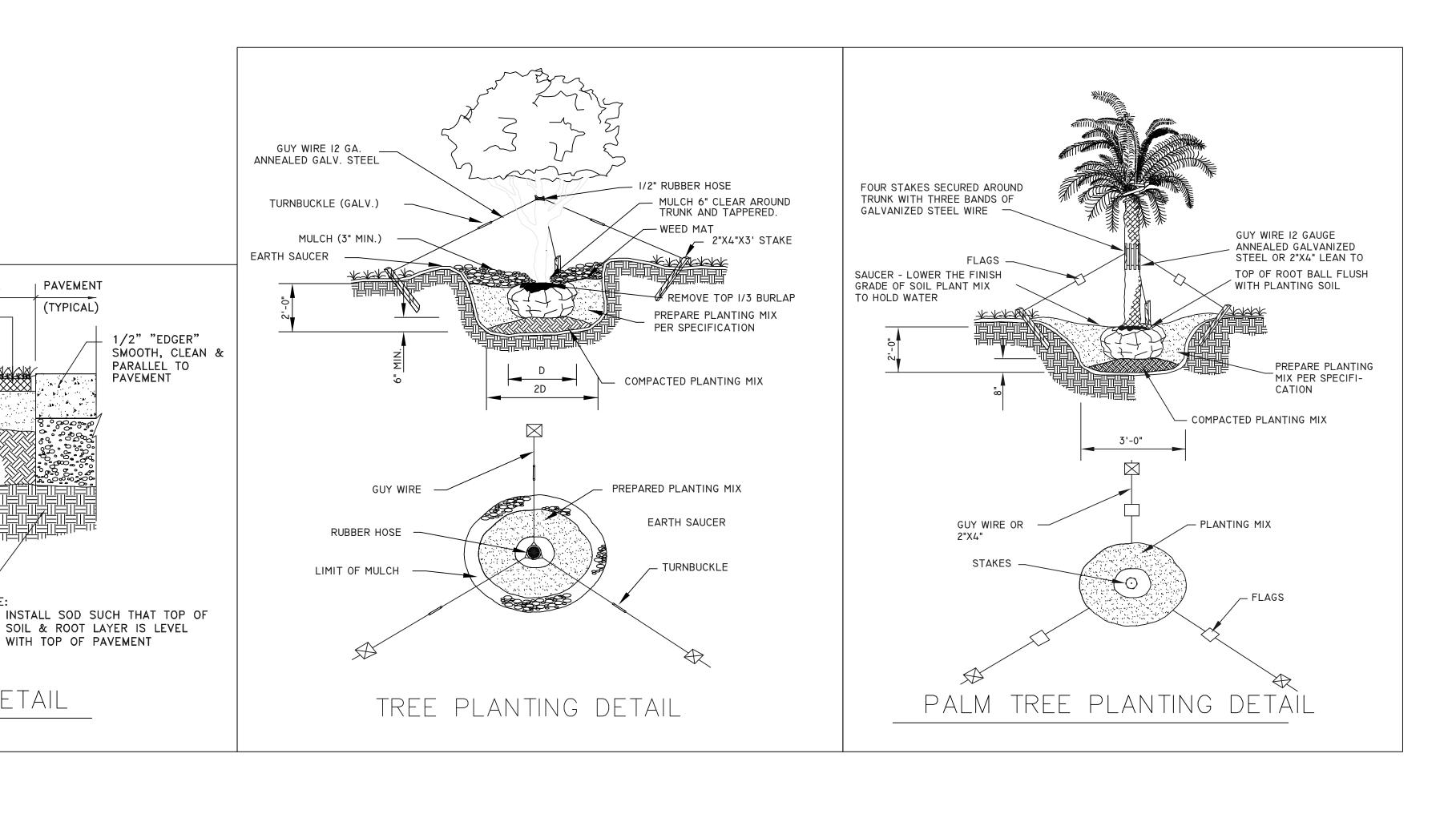
#### SHRUBS & GROUND COVER:

44	15 AA	AGAPANTHUS AFRICANUS	AGAPANTHUS	FLA.#1	12″HT.	12"SPD.	FULL PLANT, 1 GAL., 24″ o.c.
25	55 DI	DIETES IRIDIDIDES	AFRICAN IRIS	FLA.#1	12″HT.	12"SPD.	FULL PLANT, 1 GAL., 24″ o.c.
32	2 IVS	ILEX VOMITORIA 'SCHILLINGS'	SCHILLINGS HOLLY	FLA.#1	12″HT.	12"SPD.	FULL PLANT @ 2' D.C., 3 GAL.
27	7 LM	LIRIOPE MUSCARI	LIRIOPE	FLA.#1	12″HT.	12"SPD.	FULL PLANT, 1 GAL., 24″ o.c.
27	″ LM∨	LIRIOPE MUSCARI 'VARIEGATA'	AZTEC GRASS	FLA.#1	12″HT.	12"SPD.	FULL PLANT, 1 GAL., 24″ o.c.
21	.6 MC	MUHLENBERGIA CAPILLARIS	MUHLY GRASS	FLA.#1	24"HT	24"SPD.	FULL PLANT @ 3' D.C., 3 GAL.
19	P2 MF	MYRCIANTHES FRAGRANS	SIMPSONS STOPPER	FLA.#1	24″HT	24"SPD.	FULL PLANT @ 3' D.C., 3 GAL.
16	NCR	NEDMERICA CAERULEA 'REGINA'	GIANT APOSTLES IRIS	FLA.#1	24″HT	24"SPD.	FULL PLANT @ 3' D.C., 3 GAL.
463	З ТА	TRACHELOSPERMUM ASIATICUM	JASMINE	FLA.#1	12″HT.	12″SPD.	FULL PLANT @ 18″ D.C., 1 GAL.

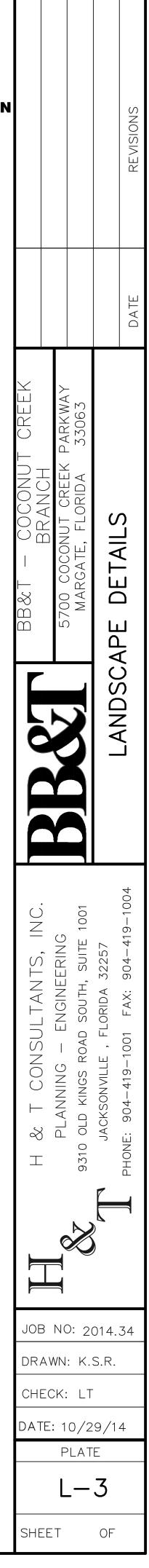
T.B.D. SQ. FT. SOD - ST.AUGUSTINE 'FLORITAM' VARIETY

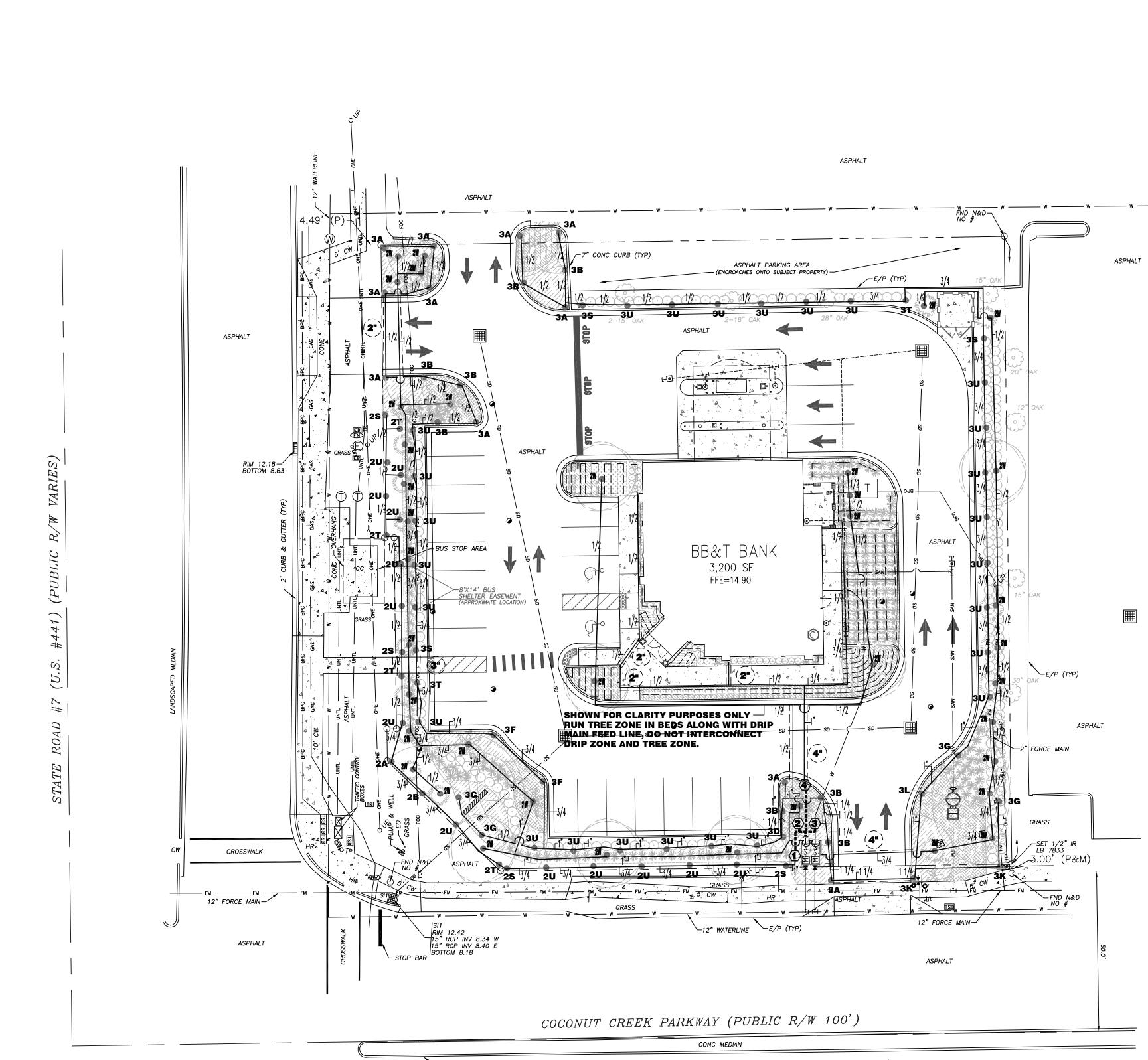
#### **GENERAL NOTES AND SPECIFICATIONS 1. CONTRACTOR TO VERIFY ALL QUANTITIES** 2. ALL PLANT MATERIAL TO BE FLORIDA #1

NOTE:



	PHONE: (9 2621 SUNRISE RIDGE LANE, J. E-MAIL: AKLANDPLAN Kristoffer	NNING & DESIGN NNING & DESIGN C. 204) 476-9692 ACKSONVILLE, FLORIDA 32211 NING@COMCAST.NET Reed RLA 567112			
REMARKS					
STANDARD 12' HT. × 5' SPREAD, 5' CLEAR TRUNK		-			
STANDARD 12' HT. × 5' SPREAD, 5' CLEAR TRUNK					
FULL TO GROUND		-			
4" CAL. MIN., 5' CLEAR TRUNK				T	
12′ - 14′ GW, STRAIGHT					
			KEEK	> V IVI /	63 63
FULL PLANT, 1 GAL, 24″ o.c.		- -	U U	2 2 2	330 330
FULL PLANT, 1 GAL., 24″ o.c.			⊢	Δ	
FULL PLANT @ 2′ D.C., 3 GAL.		-			$\leq \Box \leq \Box$
FULL PLANT, 1 GAL., 24″ o.c.			$\leq ($		
FULL PLANT, 1 GAL., 24″ o.c.			$\bigcup_{i=1}^{n} \langle a_i \rangle$		D R N R
FULL PLANT @ 3′ D.C., 3 GAL.		-	$\bigcirc \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		





<sup>(</sup>HAMMONDVILLE ROAD - FORMER STATE ROAD #814)

ZONE 2 3

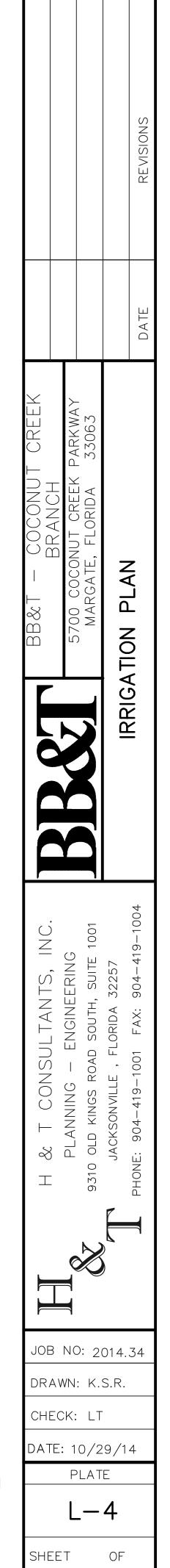
	<u>S</u> PF	RINKLER LIST				
QUANTITY	I.D.	MANUFACTURER	SPECIFICATION	P.S.I.	G.P.M.	IN/HR RADIUS
INST 6" P	POP-U	P SPRINKLER	· · · · · ·			
1	<b>2A</b>	Hunter	PROS-06-CV-MP1000-90	40	0.19	0.45 ADJUSTABLE
1	<b>2B</b>	Hunter	PROS-06-CV-MP1000-180	40	0.74	0.45 ADJUSTABLE
4	<b>2S</b>	Hunter	PROS-06-CV-MPLCS515	40	0.22	0.45
3	<b>2</b> T	Hunter	PROS-06-CV-MPRCS515	40	0.22	0.45 <b>RIGHT</b>
14	2U	Hunter	PROS-06-CV-MPSS530	40	0.44	
38	2W	Hunter	PCB-10	40	1.00	0.45 BUBBLER
INST 12"	POP-I	JP SPRINKLER				
11	<b>3A</b>	Hunter	INST-12-CV-MP1000-90	40	0.19	0.45 ADJUSTABLE
8	3B	Hunter	INST-12-CV-MP1000-180	40	0.39	0.45 ADJUSTABLE
1	3D	Hunter	INST-06-CV-MP1000-270	40	0.57	0.45 ADJUSTABLE
2	3F	Hunter	INST-12-CV-MP2000-90	40	0.40	0.45 ADJUSTABLE
4	3G	Hunter	INST-12-CV-MP2000-180	40	0.74	0.45 ADJUSTABLE
2	3K	Hunter	INST-12-CV-MP3000-90	40	0.86	0.45 ADJUSTABLE
1	3L	Hunter	INST-12-CV-MP3000-180	40	1.82	0.45 ADJUSTABLE
3	35	Hunter	INST-12-CV-MPLCS515	40	0.22	0.45
2	3T	Hunter	INST-12-CV-MPRCS515	40	0.22	0.45 <b>RIGHT</b>
25	3U	Hunter	INST-12-CV-MPSS530	40	0.44	0.45 <b>SIDE</b>

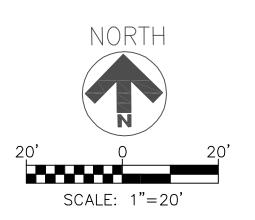
## VALVE SCHEDULE

GPM	IN / HR	PSI	RUN TIME	ТҮРЕ
8.26	0.45	40.0	45 MIN	LAWN
19.00	0.45	40.0	20 min	TREE
25.02	0.45	40.0	45 MIN	SHRUB
 23.02	0.45			JINUD
9.87	0.45	40.0	45 MIN	DRIP

#### RUN TIME BASED ON 3/4" PER HOUR

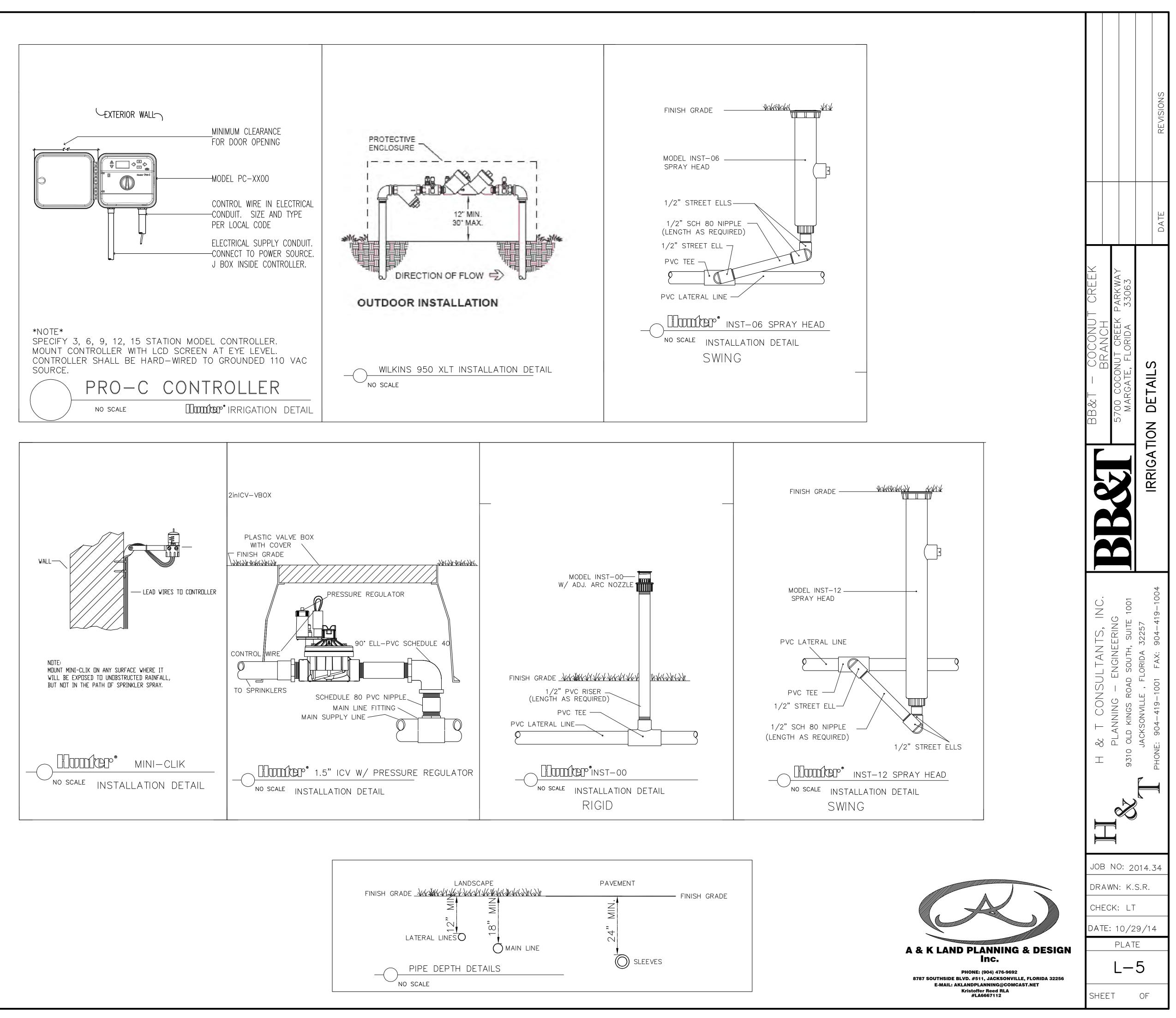
CONTRACTOR TO VERIFY ALL QUANTITIES







8787 SOUTHSIDE BLVD. #511, JACKSONVILLE, FLORIDA 32256 E-MAIL: AKLANDPLANNING@COMCAST.NET Kristoffer Reed RLA #LA6667112



Irrigation Contractor shall be responsible for all applicable fees and permits. All Pipe and Wire under paving shall be placed in Schedule 40 P.V.C. Sleeves for the full pavement coverage length and shall be at least 24" below grade.

NOTES

Mainlines shall be buried to provide a minimum cover of 18", while all Lateral lines shall have a minimum of 12".

The Contractor should take care to reroute piping as necessary to avoid plant or tree roots.

All Sprinklers shall be site adjusted to prevent water overthrow onto building surfaces and walkways.

All Control Wiring to be 14/1 U.F. direct burial.

Install a "MiniClik" rain sensor device. Verify location with Owners Representative.

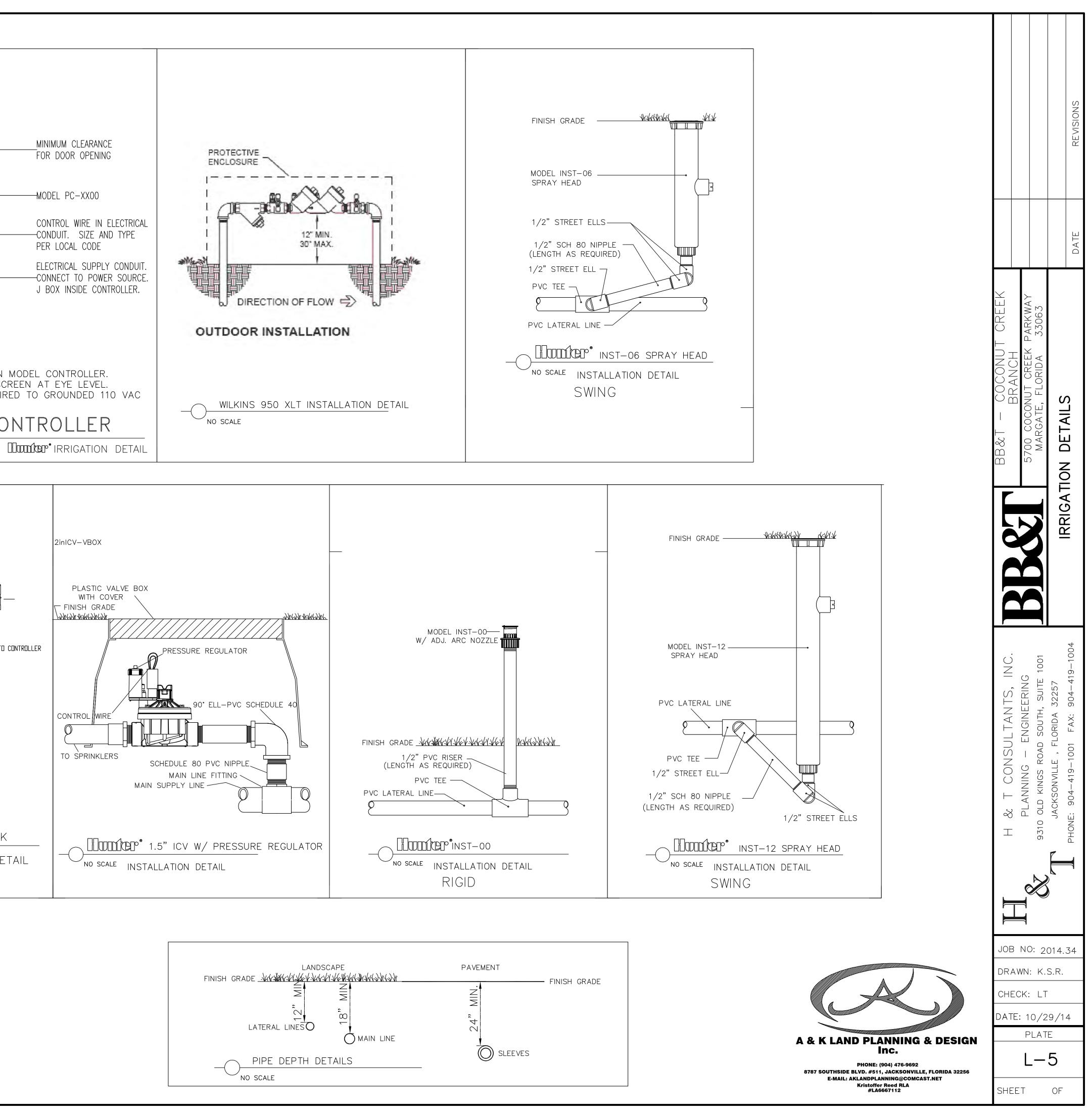
Install Backflow Preventer in an inconspicuous location such as shrubbery. Location shown for graphic clarity purposes only.

Contractor responsible for 100% irrigation coverage All irrigation risers to be painted black

Mainline location shown for graphic clarity purposes only. Valve box location shown for graphic clarity purposes only.

Irrigation system designed to not exceed 5 feet per second flow through any piping. Any deviation from design upon installation shall be done so as to not exceed 5' per second through any piping as well.

<u>LEG</u>	END	
I.D.	DESCRIPTION	SPECIFICATION
М	WATER SOURCE	1" Irrigation Only Water Meter
HUT	BACKFLOW DEVICE	Wilkins 950XLT— 1" or equal LOCATIONS SHOWN FOR CLARITY ONLY
(2") ==	SLEEVING	Schedule 40 PVC, 2" Minimum
Ô	CONTROLLER	Hunter series PC— 600 series. 6 Zone Install with Mini—Clik rain sensor.
<b>(1</b> )	SOLENOID VALVE	Hunter series ICV-151G-B (1 1/2" valve All valves to have reclaimed water ID handle (#561205) Location shown for graphic clarity
31 🌑	IRRIGATION HEAD	Hunter series Pro — MPR Series
1/2	PIPE AND PIPE SIZE	SDR 13.5 1/2" and 3/4" lines SDR 26 for all 1" and larger lateral lines
	MAINLINE	Irrigation mainline, Schedule 40 PVC pipe 1 1/2" size.
	DRIP LINE	PLD ESD — 1.0 — 18 — 250 install with air relief valve and flush valve







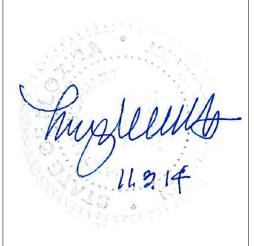


5815 Westpark Drive Charlotte, NC 28217 T: 704.525.6350 F: 704.561.8700

www.littleonline.com

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## FOR CONSTRUCTIO0N

ISSUE FOR

ISSU	E DATE	
11	.10.2014	1

NO. REASON	DATE
DDOLECT TEAM	

PRINCIPAL IN CHARGE Nancy Everhart, AIA, LEED AP PROJECT MANAGER Richard B. Salmon, LEED AP DESIGN TEAM

## PROJECT NAME

BB&T BRANCH BANK -COCONUT CREEK

5700 COCONUT CREEK PARKWAY MARGATE, FL 33063

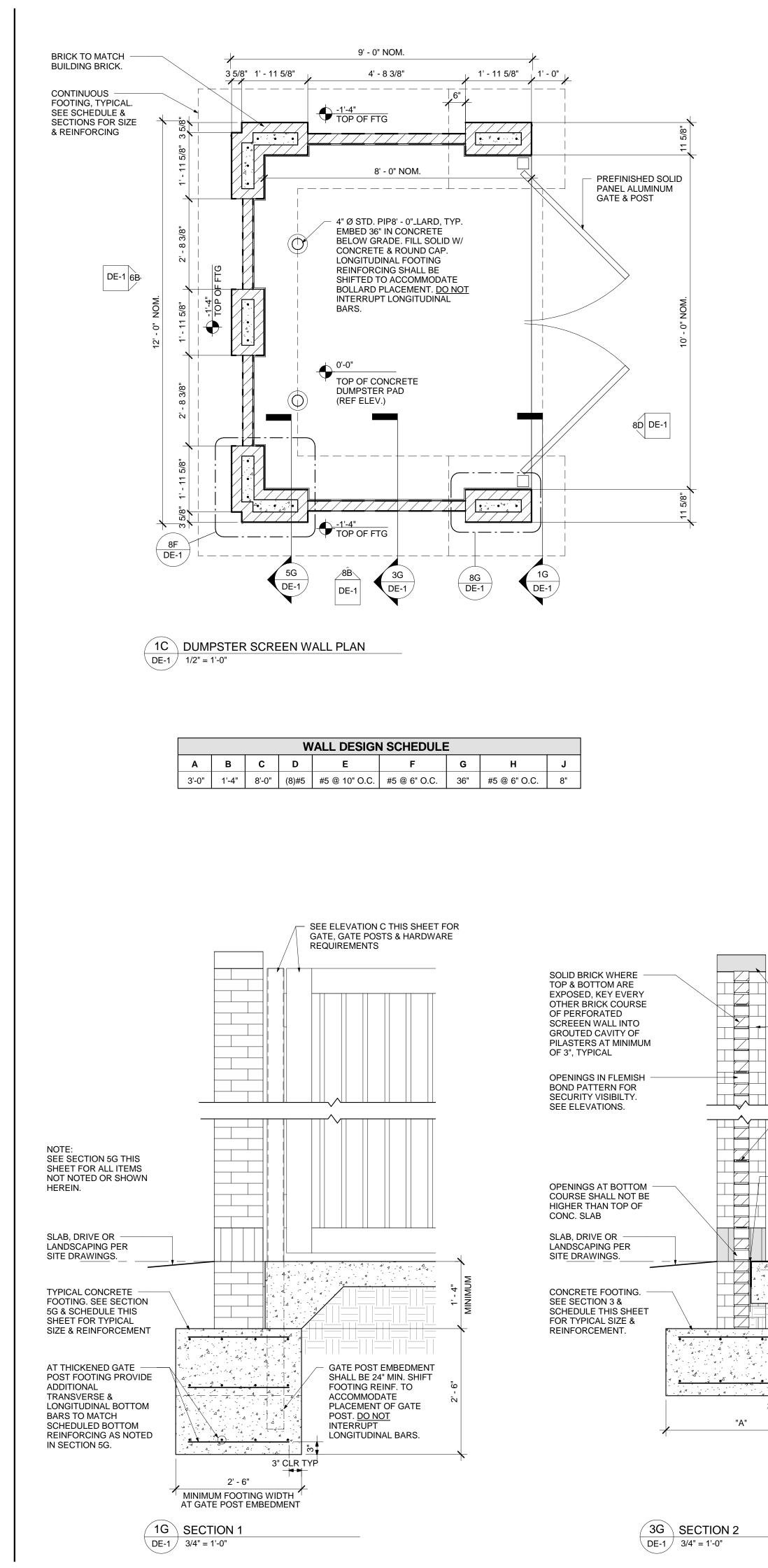
123.9419.00

SHEET TITLE ELEVATIONS

PROJECT NO.

SHEET NUMBER

A5.1



### **DUMPSTER SCREEN WALL PLAN NOTES**

1. ELEVATIONS ARE INDICATED THUS ON PLAN: TOP OF DUMPSTER PAD REFERENCE WORK POINT

ELEVATION 2. THE DUMPSTER PAD SHALL BE A 6-INCH THICK CONCRETE SLAB, REINFORCED WITH 6X6-W2.9XW2.9 WELDED WIRE FABRIC, PLACED 2" CLEAR FROM TOP OF SLAB. PLACE SLAB OVER A 4" MINIMUM OF COMPACTED SUB-BASE MATERIAL. COORDINATE SUBGRADE PREPARATION REQUIREMENTS WITH SOILS REPORT.

3. ALL FOOTINGS ARE TO BE FOUNDED ON RESIDUAL SOIL OR STRUCTURAL FILL HAVING A MINIMUM BEARING CAPACITY OF 2000 PSF. ACCEPTABLE SOIL BEARING PRESSURE IS TO BE VERIFIED BY AN INDEPENDENT TESTING LABORATORY AT THE TIME FOOTING EXCAVATIONS ARE MADE.

4. GC SHALL COORDINATE THE TOP OF FOOTING ELEVATION WITH PLAN, SECTIONS, ELEVATIONS AND SITE GRADING PLAN PRIOR TO FABRICATION OF REINFORCING STEEL.

5. EXCAVATIONS FOR FOOTINGS SHALL BE MAINTAINED IN A DRY CONDITION UNTIL CONCRETE IS PLACED. WHENEVER POSSIBLE, THE EXCAVATION SHALL BE MADE, THE BEARING SURFACE INSPECTED AND THE CONCRETE PLACED IN THE SAME DAY.

6. ALL CAST-IN-PLACE CONCRETE SHALL BE AIR-ENTRAINED HAVING A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI AND A WATER-CEMENT RATIO NOT EXCEEDING 0.45. FOR CONCRETE MATERIALS, MIX ADMIXTURES, SLUMP, TESTS, FORMWORK AND WORKMANSHIP, REMOVAL OF FORMS, RE-SHORING CURING, HARDENING AND PROTECTING, FINISHING, CLEANING AND PATCHING, SEE THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.

7. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS OTHERWISE NOTED, LAP REINFORCING STEEL 30XBAR DIAMETERS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP ONE HALF MESH DIMENSION, PLUS END EXTENSIONS OF WIRES NOT LESS THAN 6". ALL REINFORCING STEEL (INCLUDING WELDED WIRE FABRIC) SHALL BE SECURELY TIED AND ANCHORED IN PALCE TO PREVENT DISLOCATION DURING THE PLACING OPERATION.

8. BRICK TO MATCH THAT USED AT BUILDING. NET AREA COMPRESSIVE STRENGTH OF CLAY MASONRY (f'm) FOR BRICK USED AT DUMPSTER SCREEN WALLS SHALL BE 2000 PSI.

9. REFER TO STRUCTURAL DRAWINGS FOR DESIGN LOADS.

WALL HEIGHT SEE SCHEDULE		UTILITY ROWLC (ACCEN
		BOND F
BRICK TO MATCH BUILDING BRICK, TYP. SLAB, DRIVE OR LANDSCAPING. SEE SITE PLAN.		ACCEN SOLDIE

12' - 0' NOM.

6B ELEVATION A 

> UTILITY BRICK ROWLOCK CAP (ACCENT COLOR)

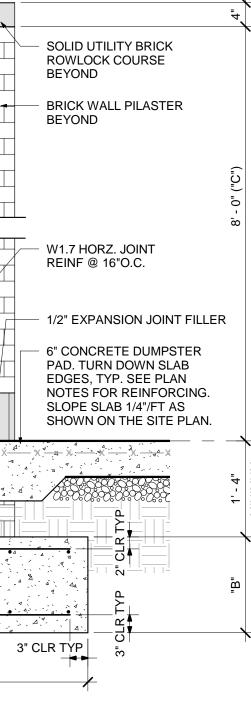
STEEL POST: COATED TO MATCH GATE

0.09 " ALLOY 5052, POWDER COATED

HB518. WELD TO POST AND BOLT TO GATE

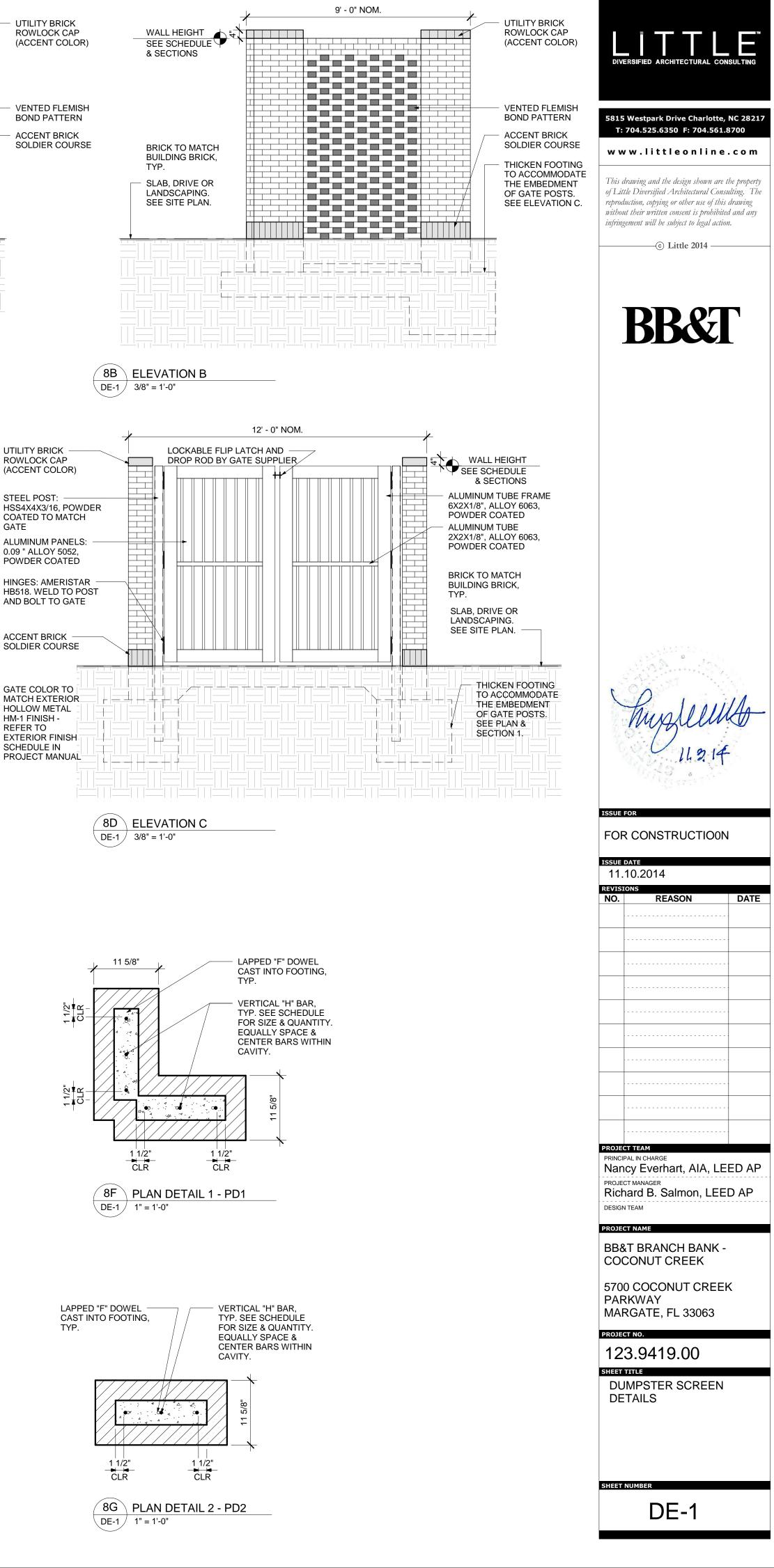
ACCENT BRICK SOLDIER COURSE

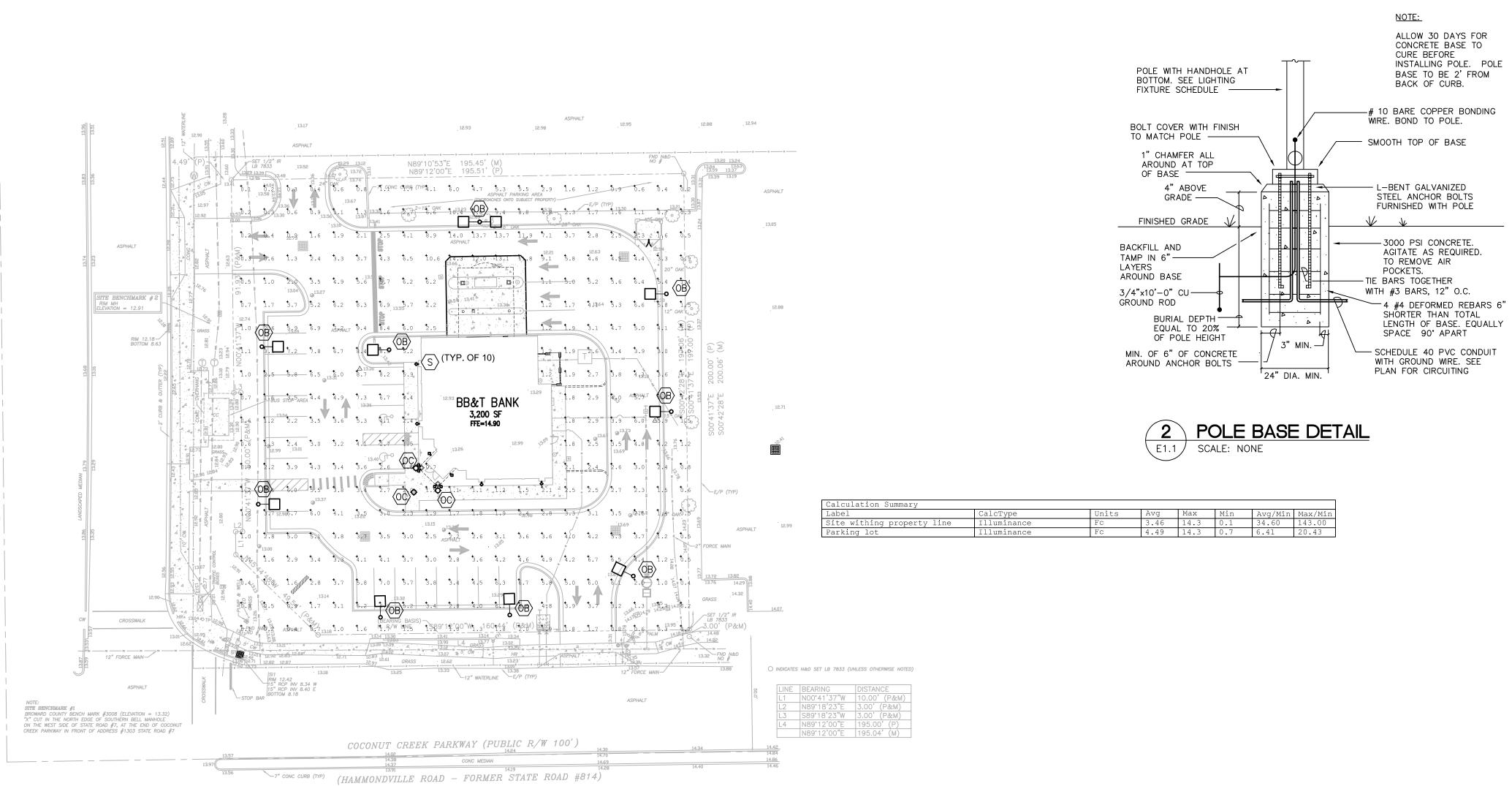
GATE COLOR TO MATCH EXTERIOR HOLLOW METAL HM-1 FINISH -REFER TO EXTERIOR FINISH SCHEDULE IN PROJECT MANUAL

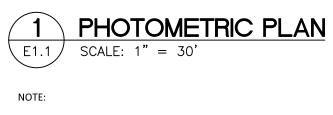


	:	SLOPE 1/4"/F	T			•	I
SOLID UTILITY BRICK — ROWLOCK CAP. SLOPE 1/4"/FT TO INSIDE OF SCREEN.					BRICK WALL PILASTER BEYOND	4	
BRICK TO MATCH BUILDING. SEE PLAN NOTES FOR REQUIRED COMPRESSIVE STRENGTH (f'm)					3000 PSI PEA GRAVEL GROUT. PLACEMENT AND CURING OF GROUT SHALL BE PER RECOMMENDATIONS GIVEN BY NCMA.	("	
	_				VERTICAL "H" BARS. SEE SCHEDULE.	8' - 0" ("C")	
"F" DOWELS W/ STD 90 DEG. HOOK AT BOTTOM REINFORCING MAT. LAP V VERTICAL BARS A LENGT "G" PER SCHEDULE.					W1.7 HORZ. JOINT REINF @ 16"O.C.	~	
TRANSVERSE "E" BARS, - TYP. TOP & BOTTOM. SEE SCHEDULE FOR SIZE & SPACING					1/2" EXPANSION JOINT FILLE 6" CONCRETE DUMPSTER PAD. TURN DOWN SLAB EDGES, TYP. SEE PLAN	R	
SLAB, DRIVE OR LANDSCAPING PER SITE DRAWINGS					NOTES FOR REINFORCING. SLOPE SLAB 1/4"/FT AS SHOWN ON THE SITE PLAN.		
CONT. "D" LONGITUDINAL FOOTING REINFORCING, TYP. TOP & BOTTOM. SEE SCHEDULE FOR SIZE						1' - 4"	MINIMUM
AND TOTAL QUANTITY (TOP & BOTTOM).				CLR		"B"	
CONCRETE FOOTING. — SEE SECTION 3 & SCHEDULE THIS SHEET FOR TYPICAL SIZE &			3" CLR			_	
REINFORCEMENT.	EQ.	11 5/8"	EQ.	<u> </u>			
7		"A"		<b>/</b>			

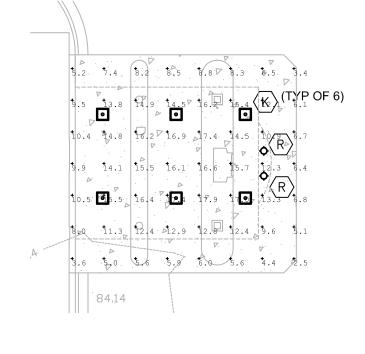
5G SECTION 3 DE-1 3/4" = 1'-0"





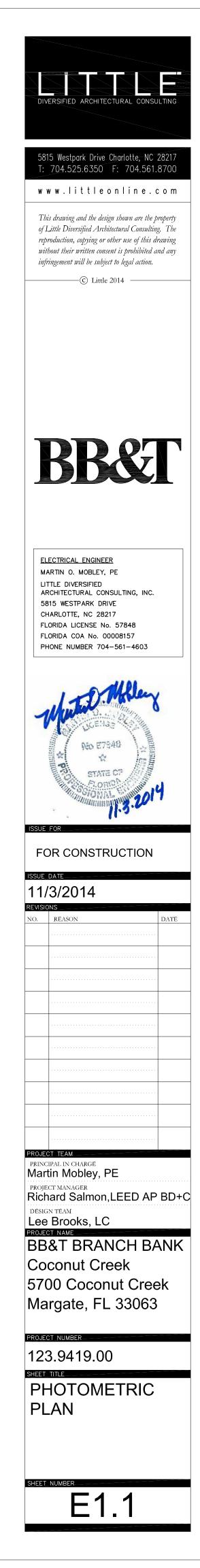


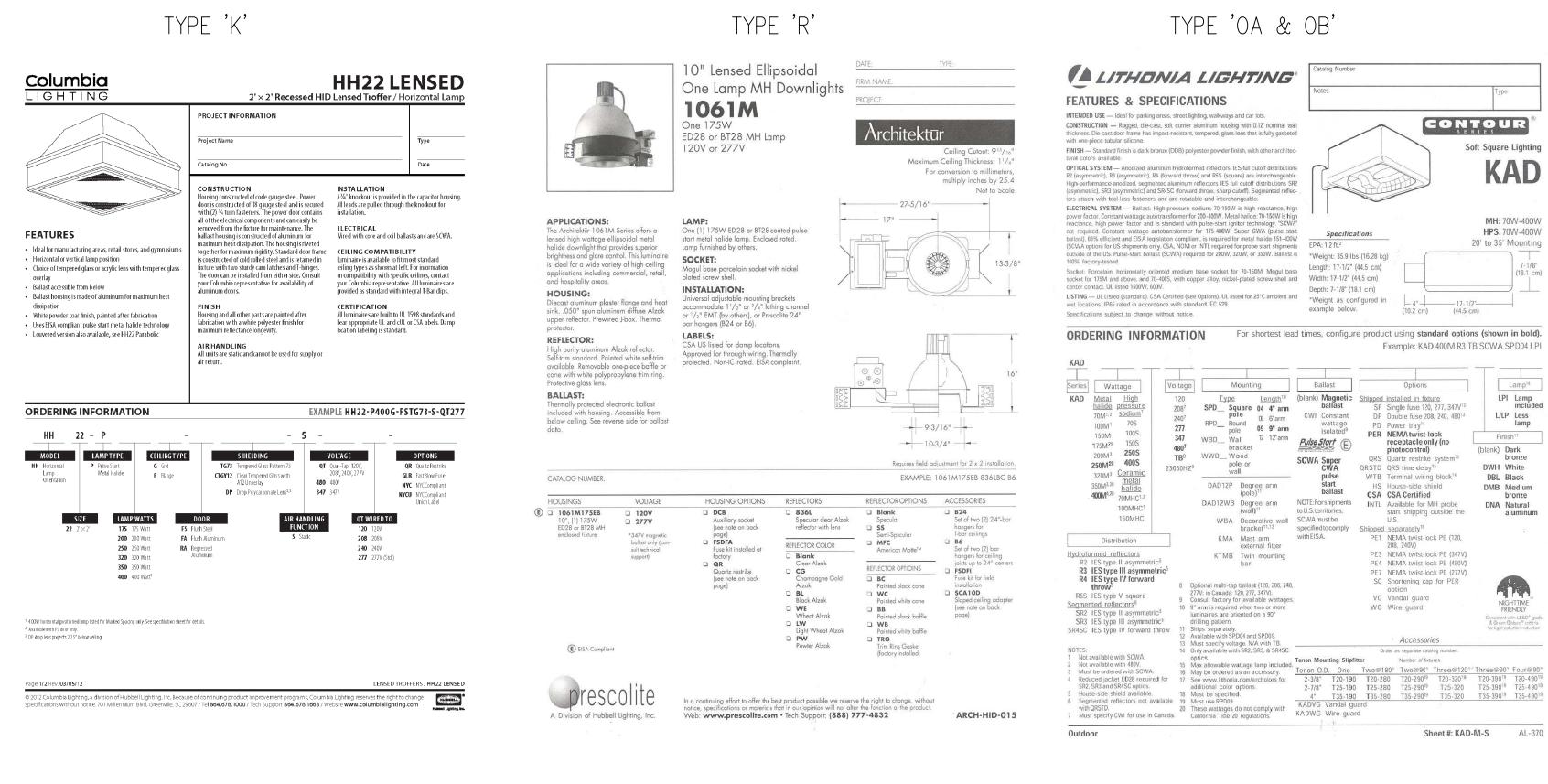
ALL LIGHTING WILL BE POSITIONED SO THAT IT DOES NOT ADVERSELY AFFECT ADJACENT PROPERTIES OR ROADWAY TRAFFIC. ALL POLES TO BE SET BACK 2' FROM BACK OF CURB.





# 2 CANOPY PHOTOMETRIC PLAN E1.1 SCALE: 1" = 60'



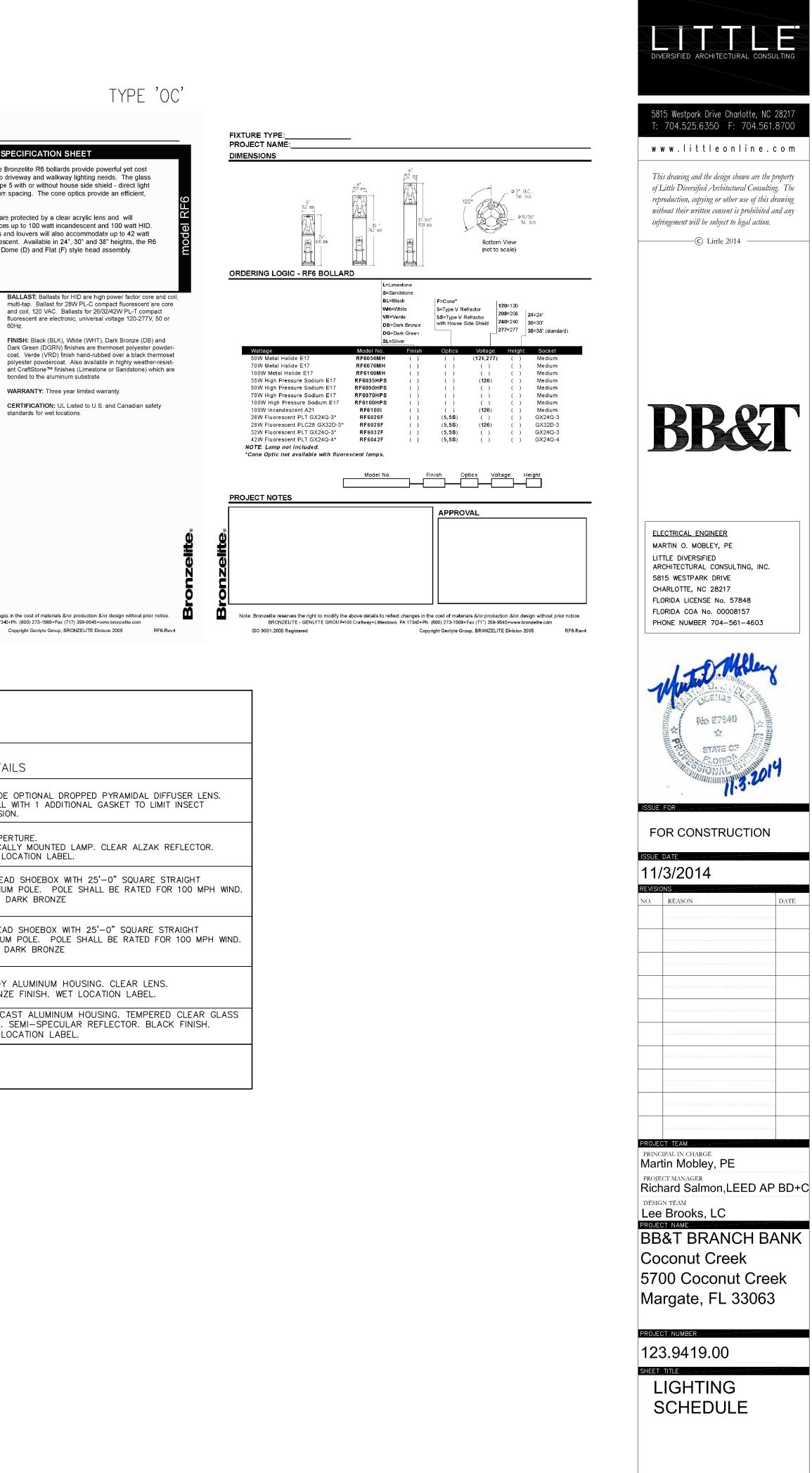




RONZELITE RF6 BOLLAR	D AREA/WALKWAY	SPECIFICATION SHEET		
	effective solutions t refractor optics - Ty outward for maximu even illumination. All optical systems accommodate sour The glass refractors PL-T compact fluor	e Bronzelite R6 bollards provide pro o driveway and walkway lighting n pe 5 with or without house side sh im spacing. The cone optics prov are protected by a clear acrylic ler ces up to 100 watt incandescent a s and louvers will also accommode escent. Available in 24", 30" and 3 Dome (D) and Flat (F) style head		
PECIFICATIONS HEAD ASSEMBLY: Spun aluminum	Access for re-lamning is	BALLAST: Ballasts for HID are hig		
FIXTURE COLUMN: Extruded alum .125" wall thickness.		multi-tap. Ballast for 28W PL-C co and coil, 120 VAC. Ballasts for 26/ fluorescent are electronic, universa 60Hz.		
FIXTURE BASE: Heavy-duty cast al bolt pattern using 3/8"-16 UNC x 8" bolts and twist-lock feature for easy is secured to base with stainless ste	FINISH: Black (BLK), White (WHT Dark Green (DGRN) finishes are t coat. Verde (VRD) finish hand-rut polyester powdercoat. Also availa ant CraftStone™ finishes (Limesto			
<b>OPTIC ASSEMBLY:</b> Borosilicate Type without house side shield or conical reflector.		bonded to the aluminum substrate. WARRANTY: Three year limited wa		
LENS: Single-piece clear acrylic with gaskets for positive sealing of optica		CERTIFICATION: UL Listed to U.S standards for wet locations.		
<b>SOCKETS</b> : Sockets for incandescer pulse rated high temperature porcela fluorescent are high temperature pla 28 watt is GX32D-3, 32 watt is GX24	ain. Sockets for compact stic: 26 watt is GX24Q-3,			

ISO 9001:2000 Registered

	LIGHT FIXTURE SCHEDULE							
MARK	DESCRIPTION	LAMPS	TOTAL FIXTURE WATTAGE	BALLASTS	VOLTAGE	MANUFACTURER (NO SUBSTITUTIONS)	DETAILS	
к	2'X2' HID LAY-IN	1 M100/U	188W	HIGH POWER FACTOR	120V	COLUMBIA: SQHH-22-P100-G- FS-DP-QT-120-G2	PROVIDE OPTIONAL DROPPED I INSTALL WITH 1 ADDITIONAL G INTRUSION.	
R	RECESSED METAL HALIDE DOWNLIGHT	1 M175/U	210W	ELECTRONIC BALLAST	120V	PRESCOLITE: 1061M175EB 836L	10" APERTURE. VERTICALLY MOUNTED LAMP. ( DAMP LOCATION LABEL.	
OA	TWO HEAD METAL HALIDE MOUNTED ATOP 25' ALUM. POLE. AT 90° OR 180°. ROTATE OPTICS AS SHOWN ON PLAN.	M400/U/BT-28	976W	HIGH POWER FACTOR	208V	LITHONIA: KAD 400M R3 208 SPD	TWO HEAD SHOEBOX WITH 25'- ALUMINUM POLE. POLE SHALL FINISH: DARK BRONZE	
OB	ONE HEAD METAL HALIDE MOUNTED ATOP 25' ALUM. POLE. AT 90' OR 180'. ROTATE OPTICS AS SHOWN ON PLAN.	M400/U/BT-28	488W	HIGH POWER FACTOR	208V	LITHONIA: KAD 400M R4 208 SPD	ONE HEAD SHOEBOX WITH 25'– ALUMINUM POLE. POLE SHALL FINISH: DARK BRONZE	
ос	6" ROUND BOLLARD	1 70W MH	88W	HIGH POWER FACTOR	120V	BRONZELITE: RF6070MH DB 5 120–38	ALLOY ALUMINUM HOUSING. BRONZE FINISH. WET LOCAT	
s	EXTERIOR WALL SCONCE	1 100W T4 DCB	118W	ELECTRONIC BALLAST	120V	BEGA: 6610–538–BK	DIE-CAST ALUMINUM HOUSI LENS. SEMI-SPECULAR REF WET LOCATION LABEL.	
FIX	FIXTURE NOTES:							



FT NUMBER\_\_\_

E1.2