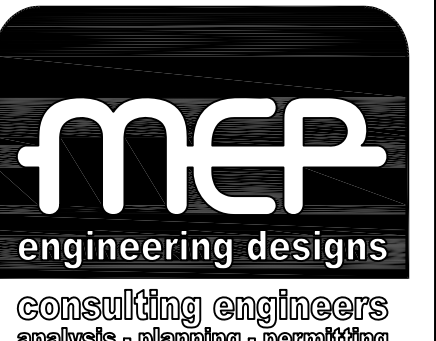




RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS

ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)



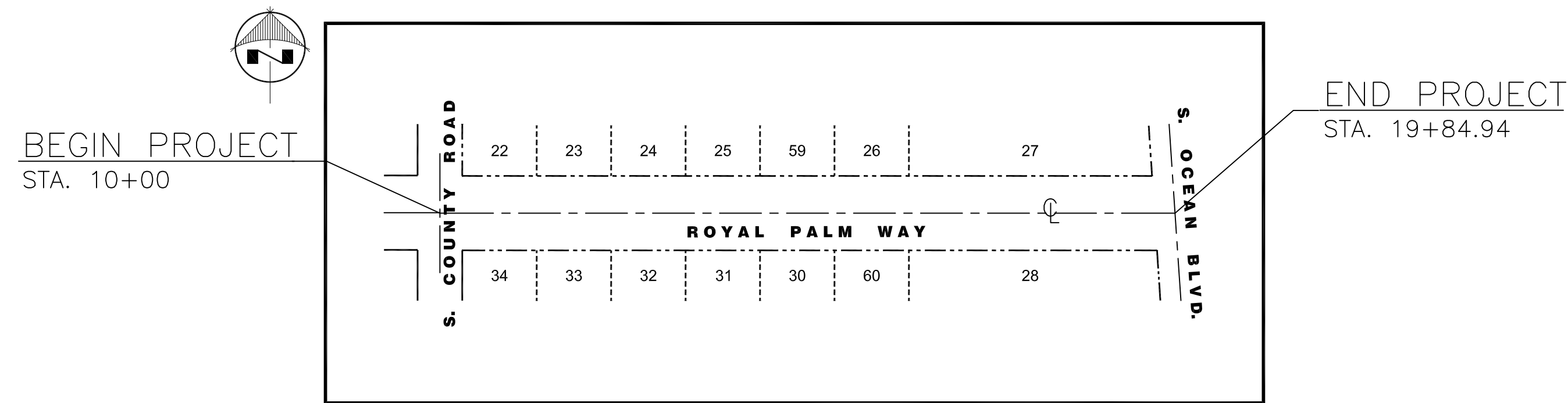
CA. #26942
P.E. #01606
9330 NW 13 ST.
DORAL FL 33172
PHONE 305-594-2382
FAX 305-594-2366

Project Prepared For:

TOWN OF PALM BEACH

PALM BEACH COUNTY, FLORIDA

NOVEMBER 2010



LOCATION MAP
SECTION 23, TOWNSHIP 43 SOUTH, RANGE 43 EAST
PALM BEACH COUNTY, FLORIDA.
SCALE = 1" = 150'

INDEX OF SHEETS

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GENERAL NOTES:

- LOCATIONS OF EXISTING UNDERGROUND UTILITIES WERE OBTAINED FROM THE TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT. NEITHER THE TOWN OF PALM BEACH NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT LOCATED WHERE SHOWN. CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION WORK. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR. CONTRACTOR SHALL ALSO PROVIDE THE ENGINEER WITH RECORD INFORMATION ON ALL FIELD VERIFICATION MEASUREMENTS AS SPECIFIED. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF OTHER UTILITIES (NOT SHOWN ON THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE THE CONSULTANT INFORMATION ON ALL FIELD VERIFICATION MEASUREMENTS AS SPECIFIED. IF AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE TOWN OF PALM BEACH SO THAT APPROPRIATE MEASURES CAN BE TAKEN.
- ALL EXISTING STRUCTURES AND UTILITIES SHALL BE PROTECTED AT ALL TIMES DURING THE EXCAVATION AND CONSTRUCTION. NEITHER THE ENGINEER NOR THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR DAMAGES RESULTING FROM THE ENGINEERING CONTRACTORS WORK. ALL EXISTING PAVEMENT, UTILITIES (ABOVE AND BELOW GROUND), OR SURFACE FEATURES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EQUAL OR BETTER CONDITION BY THE ENGINEERING CONTRACTOR IN ACCORDANCE WITH THE TOWN OF PALM BEACH PUBLIC WORK STANDARDS AND SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER/INSPECTOR.
- SERVICES CONNECTED WITH JOB SAFETY ARE NOT PART OF THIS PLAN/CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING UTILITIES WHETHER SHOWN OR NOT.
- ALL EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS APPROVED OTHERWISE IN WRITING BY THE UTILITY OWNERS.
- CONTRACTOR SHALL NOTIFY ADJACENT PROPERTY OWNERS TWO (2) BUSINESS DAYS PRIOR TO COMMENCING ANY PORTION OF THE WORK TO BE PERFORMED DURING THE CONSTRUCTION HOURS IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN SECTION 2.24, CHAPTER II AS THE STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH.
- ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON NGVD 1929 DATUM. A COPY OF THE TOPOGRAPHIC SURVEY SHOWING PROJECT BENCHMARKS WILL BE PROVIDED UPON REQUEST.
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER PROPERTY AND SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT THE CONTRACTOR EXPENSE.
- THE CONTRACTOR WILL HOLD A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF ANY CONSTRUCTION INCLUDING A REPRESENTATIVE FROM THE RESPECTIVE ENGINEERING AND UTILITY DEPARTMENTS, OWNER AND OTHER APPLICABLE AGENCIES.
- ALL DEVIATIONS FROM PLANS ARE TO BE APPROVED IN WRITING PRIOR TO CONSTRUCTION AND FOR ALL INSPECTIONS AND TESTING. DEVIATIONS FROM THE APPROVED PLAN SHALL NOT BE PERMITTED BY THE CONTRACTOR WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD AND THE TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT.
- THE TOWN OF PALM BEACH MUST BE GIVEN A MINIMUM 48 HOURS NOTICE FOR ALL INSPECTIONS UNLESS OTHERWISE AGREED UPON.
- THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF EXISTING AND NEWLY INSTALLED UTILITIES AND IMPROVEMENTS FROM DAMAGES, DISRUPTION OF SERVICE OR DESTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS NECESSARY TO PROTECT THE HEALTH, SAFETY AND WELFARE OF THOSE PERSONS HAVING ACCESS TO THE WORK SITE.
- EXISTING SECTION CORNERS AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE MAINTAINED BY THE CONTRACTOR AND/OR RESET AFTER CONSTRUCTION UNDER CERTIFICATION BY A FLORIDA REGISTERED SURVEYOR.
- THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) SHALL BE USED AS THE STANDARD FOR ANY SIGNAGE AND PAVEMENT MARKING REQUIREMENTS OF THE PROJECT.
- THE EXISTING ELEVATIONS SHOWN HEREIN ARE FOR THE PURPOSE OF INDICATING THE GROUND ELEVATION ONLY AT THE POSITION SHOWN AND IN NO WAY SHOULD INDICATE ELEVATION AT ANY OTHER POINT OTHER THAN THAT SHOWN.
- THE CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (M.O.T.) FOR ANY WORK PERFORMED ON PUBLIC RIGHT-OF-WAY. NOTIFY THE TOWN OF PALM BEACH 48 HOURS PRIOR TO BEGIN WORK. ALL M.O.T. WORK SHALL BE AS PER FDOT INDEX NO. 600S SERIES.

- TOPOGRAPHIC INFORMATION SHOWN ON THE PLANS ARE TAKEN FROM SURVEY PREPARED BY CABRERA CONSULTING SERVICES AND/OR INVENTION, CORP. CONTACT NUMBER: (305) 216.9302.
- ALL WATER BOX, COMMUNICATION BOX, CABLE TV BOX, ETC. DAMAGED DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL BE REPLACED WITH IDENTICAL OR BETTER AT UTILITY OWNER SATISFACTION.
- THE WORDS 'NEW', 'PROPOSED', 'INSTALL', 'PROVIDE', OR WORDS WITH SIMILAR MEANING, ON ANY PART OF THESE CONSTRUCTION DOCUMENTS, SHALL BE INTERPRETED, UNLESS OTHERWISE SPECIFICALLY STATED, TO MEAN 'FURNISHING AND INSTALL COMPLETE IN PLACE AND READY FOR SERVICE'.
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
- THESE CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. WORK DEPICTED UNDER A PARTICULAR DISCIPLINE MAY TRIGGER WORK UNDER A DIFFERENT DISCIPLINE. SUCH WORK REQUIRED FOR THE INTENDED AND PROPER FUNCTION OF THE IMPROVEMENTS, SHALL BE CONSIDERED INCIDENTAL AND PART OF THE CONTRACTOR'S BID PRICE. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH ITEMS.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST.
- THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 811 LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING (TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES), CONSTRUCTION, EXCAVATION OR DEMOLITION ACTIVITY WITHIN, UPON, ABUTTING OR ADJACENT TO THE PROJECT AREA. THIS NOTICE IS GIVEN IN COMPLIANCE WITH THE "UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT," PURSUANT TO CHAPTER 556.101-111 OF THE FLORIDA STATUTES. REQUEST FOR EMERGENCY LOCATES AFTER NORMAL BUSINESS HOURS SHALL BE MADE AT (561) 838-6454.
- EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
- IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION.
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED AREAS, TRENCHES, OR PARTS OF, EXPOSED OR OPEN AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES. WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DETERMINED, ANY EXCAVATED AREA, TRENCH SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN TRAFFIC AND VEHICULAR ACCESS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
- ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- CAST IRON PRODUCTS: HEAVY DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 16,000 LB. WHEEL LOADS.
- STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20 AASHTO H20: 16,000 LBS OVER 8" X 20" AREA.
- ALL STRUCTURES MUST BE CAPABLE OF SUSTAINING HEAVY TRAFFIC LOADS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN SECTION 2.13, CHAPTER II AS THE STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTling OF ALL TRAFFIC CONTROL AND INFORMATION SIGNING REMOVED DURING CONSTRUCTION PERIOD.
- EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
- TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE INSPECTOR WILL SHUT THE JOB DOWN.
- CONTRACTOR SHALL MAINTAIN TRAFFIC ACCORDING TO CORRESPONDING TYPICAL CONTROL DETAIL AS OUTLINED IN THE STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH AND FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) REQUIREMENTS.
- CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF THE DETOUR IN ACCORDANCE WITH SECTION 336.048 OF FLORIDA STATUTES.
- COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, PAVING AND GRADING ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND PROVIDED TO THE TOWN OF PALM BEACH PRIOR TO FINAL ACCEPTANCE OF THE WORK.
- ALL PERMITTED WORK IN RIGHTS-OF-WAY MUST BE DONE IN STRICT ACCORDANCE WITH THE PROVISIONS OF THE "OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION" (OSHA) REGULATION, AND ALL OTHERS APPLICABLE CODES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB-SITE SAFETY.
- ALL WORK TO BE IN COMPLIANCE WITH THE STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH (LATEST EDITION), MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION), AND FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS AND SPECIFICATIONS (LATEST EDITION).

AS-BUILT DRAWINGS:

- CONTRACTOR TO SUBMIT AS-BUILT DRAWINGS TO THE TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT FOR REVIEW AND APPROVAL. AS-BUILT RECORD TOPOGRAPHICAL SURVEY MUST BE SIGNED AND SEALED BY A LICENSED LAND SURVEYOR AND SHALL BE SUBMITTED UPON COMPLETION OF WORK TO THE ENGINEERING DIVISION TO OBTAIN PUBLIC WORKS SIGN-OFF FOR CERTIFICATE OF OCCUPANCY.
- FINAL AS-BUILT DRAWINGS TO BE SUBMITTED TO THE TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT IN THE FOLLOWING FORMAT:
 - ONE (1) SIGNED AND SEALED HARDCOPY
 - ONE (1) ELECTRONIC FILE (PDF)

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

Sing & Seal:

 Date: 11/10/2010
 Scale: AS NOTED
 Drawn: INVENTION, CORP.
 Job: 1010-0004
 Sheet
COVER
 1 Of 8 Sheets
 GEORGE R. UNDERHILL, P.E.
 P.E. LICENSE NUMBER 50573
 STATE OF FLORIDA

PERMIT SET

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Revisions	Date

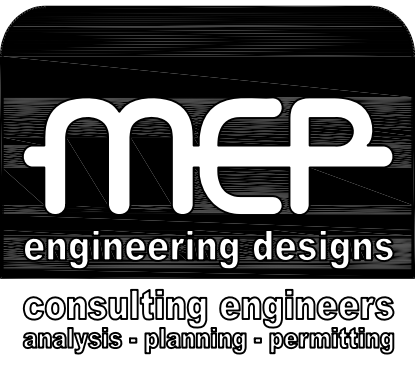
RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

COVER AND GENERAL NOTES

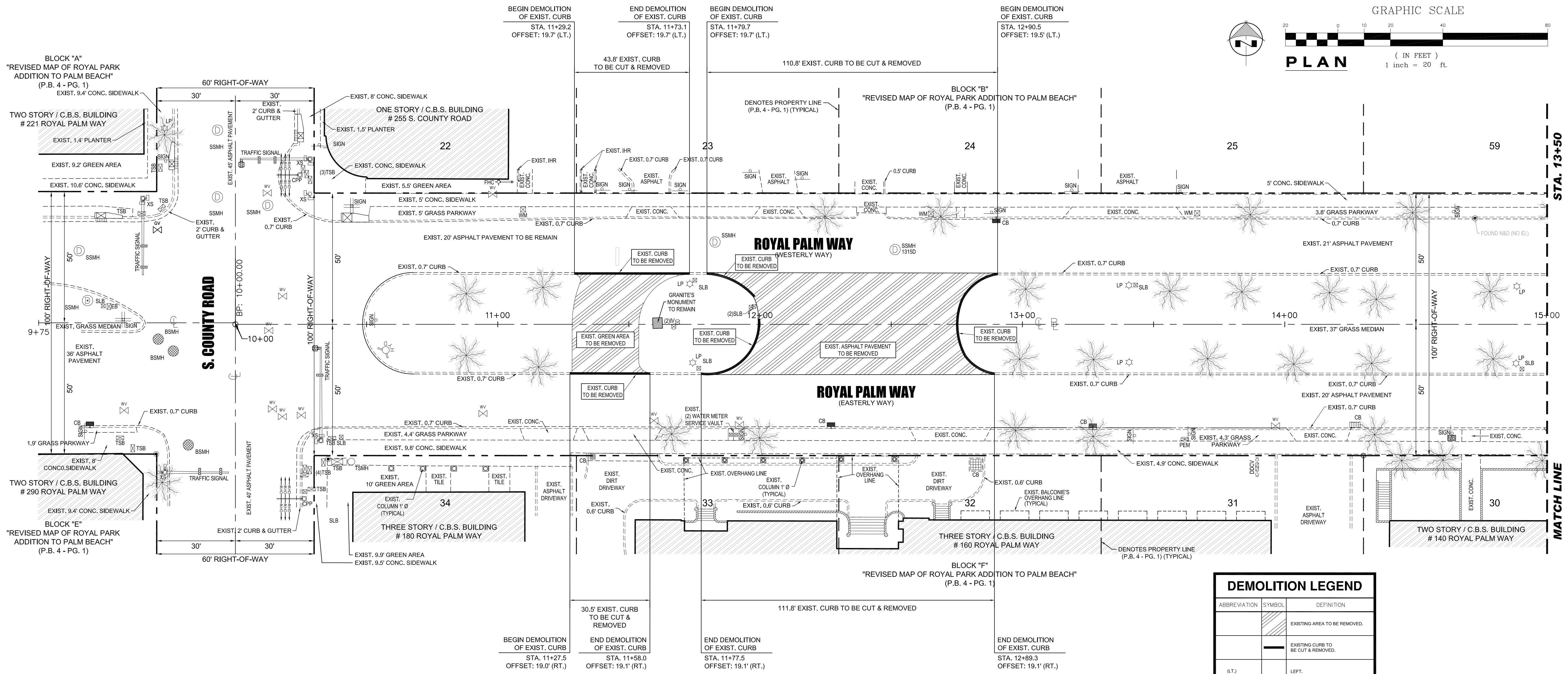
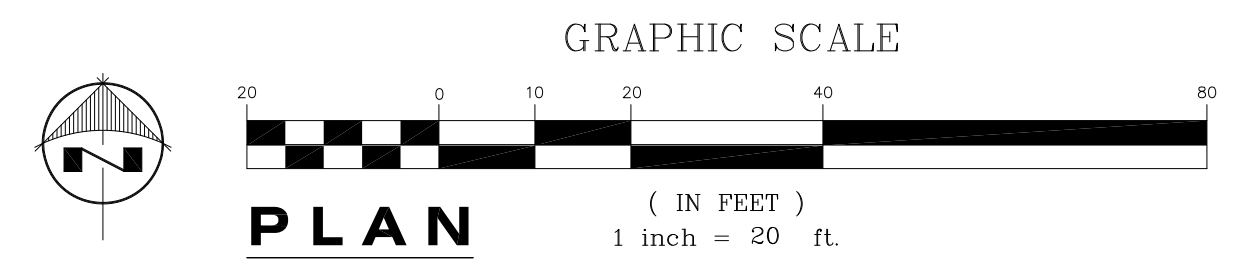
TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA



DEMOLITION PLAN



CA. #26942
P.E. #01606
9330 NW 13 ST.
DORAL FL 33172
PHONE 305-594-2382
FAX 305-594-2366



ABBREVIATION	SYMBOL	DEFINITION
		EXISTING AREA TO BE REMOVED.
		EXISTING CURB TO BE CUT & REMOVED.
(L.T.)		LEFT.
(RT.)		RIGHT.

DEMOLITION NOTES:

- ALL REMOVALS OF PAVEMENTS, DRIVES, SIDEWALKS, CURBS AND GUTTERS SHALL BE IN ACCORDANCE WITH THE STANDARDS APPLICABLE TO RIGHTS-OF-WAY AND EASEMENT WITHIN THE TOWN OF PALM BEACH, AS SHOWN ON CHAPTER II.
- DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR IN-USE FACILITIES WITHOUT PERMISSION FROM THE TOWN OF PALM BEACH AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFICWAYS AS REQUIRED BY GOVERNING REGULATIONS.
- CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
- ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, BARRIERS, RAILINGS, ETC. WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- PROTECT EXISTING SITE IMPROVEMENTS, APPURTENANCES, AND LANDSCAPING TO REMAIN.
- ADJACENT IMPROVEMENTS SHALL BE CLEANED OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
- FOR SELECTIVE DEMOLITION, USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES, USE HAND OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING OR CHOPPING. TEMPORARILY COVER OPENINGS TO REMAIN.
- DEMOLISH CONCRETE IN SMALL SECTIONS. CUT CONCRETE AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS; DO NOT USE POWER-DRIVEN IMPACT TOOLS.
- INFORMATION SHOWN ON THE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE MOST RELIABLE DATA AVAILABLE TO THE ENGINEER; HOWEVER, THIS INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION, CHARACTER, AND DEPTH OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL ASSIST THE UTILITY COMPANIES, BY EVERY MEANS POSSIBLE, TO DETERMINE SAID LOCATIONS AND THE LOCATIONS OF RECENT ADDITIONS TO THE SYSTEMS NOT SHOWN.
- REMOVAL, DEMOLITION, HAULING, AND DISPOSAL SHALL COMPLY WITH REGULATIONS BY F.D.E.P., E.P.A., AND ANY OTHER AUTHORITY HAVING JURISDICTION.
- ALL EXISTING UTILITY MH COVERS, ELECTRICAL BOXES, METER BOXES, METERS, DRAINAGE STRUCTURES, ETC. WITHIN PROPOSED AREAS OF IMPROVEMENTS SHALL BE ADJUSTED TO GRADE ELEVATION, UNLESS OTHERWISE NOTED.
- ALL EXISTING STREET LIGHTING WILL REMAIN IN PLACE AND REMAIN IN SERVICE DURING CONSTRUCTION OPERATIONS. CONTRACTOR SHALL USE CARE TO ENSURE EXISTING CONDUIT, PULLBOXES, AND CONTROL ARE NOT DAMAGED DURING DEMOLITION OPERATIONS.

EXISTING LEGEND & ABBREVIATIONS

ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
BB		BEGIN BASELINE POINT STATION	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC.		SECTION			BUILDING STRUCTURE
BP		BEGIN BASELINE POINT STATION	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC.		SECTION			BUILDING STRUCTURE
BSMH		BELLSOUTH MANHOLE	ID		IRON HAND RAIL	P.C.P.		PERMANENT CONTROL POINT	SIG		TRAFFIC SIGNAL			METAL COVER
CB		CATCH BASIN	IHR		IRRIGATION HAND RAIL	P.C.P.		PERMANENT CONTROL POINT	SLB		STREET LIGHTING BOX			C.B.S. WALL 0.7' WIDE (TYPICAL)
LP		CHAIN LINK FENCE	IRV		IRRIGATION VALVE	P.C.		POINT OF BEGINNING	SV		SEWER VALVE			PALM (NOT IDENTIFIED)
COL		COLUMN	IB		IRRIGATION BOX	PR		POINT OF BEGINNING	TSB		TRAFFIC SIGNAL BOX			
CPP		CONCRETE POWER POLE	FIP		FLORIDA POWER & LIGHT MANHOLE	P.O.B.		POINT OF BEGINNING	TSMH		TRAFFIC SIGNAL MANHOLE		CONC.	CONCRETE
CLF		CHAIN LINK FENCE	LP		LIGHT POLE	P.O.C.		POINT OF COMMENCEMENT	WFP		WOOD POWER POLE		RPBP	REDUCER PRESSURE BACKFLOW PREVENTER
C		CENTERLINE	LP		LIGHT POLE	P.T.		POINT OF TANGENCY	WM		WATER METER		ICB23-9	DOUBLE DETECTOR CHECK VALVE
DH		FOUND DRILL HOLE	LP		LIGHT POLE	P.R.C.		POINT OF REVERSE CURVATURE	WV		WATER VALVE		ICB23-9	DOUBLE DETECTOR CHECK VALVE
D.M.E.		DRAINAGE AND MAINTENANCE EASEMENT	LP		LIGHT POLE	P.R.M.		POINT OF RECORD MEASUREMENT	Δ		DELTA		STA.	0+00 I
EB		ELECTRIC BOX	MB		MAILBOX	(P)		PLAT MEASUREMENT	R=		RADIUS			
EP		END BASELINE POINT STATION	(M)		MEASURED FOUND NAIL & DISC	(R)		RECORD	L=		ARC LENGTH		=====	CURB
ELEV.		EXIST. ELEVATION	N&D		FOUND NAIL & DISC	R/W		RIGHT-OF-WAY	T=		TANGENT		=====	CURB & GUTTER
FH		FIRE HYDRANT	NAIL		FOUND NAIL	R/W		RIGHT-OF-WAY	C.B.		CHORD BEARING		=====	CURB & GUTTER
FHC		FIRE HYDRANT CONNECTION	CHW		OVERHEAD WIRE LINE	SMH		SANITARY MANHOLE	C.D.		CHORD DISTANCE		=====	CURB & GUTTER
			O.B.B.		OFFICIAL RECORD BOOK	SMH		SANITARY MANHOLE	X.S.		PEDESTRIAN CROSSING SIGN		0+00 I	BASELINE STATION

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

Sing & Seal:
GEORGE R. UNDERHILL, P.E.
P.E. LICENSE NUMBER 50573
STATE OF FLORIDA

PERMIT SET

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Revisions	Date
ENGINEER COMMENTS	5/17/11

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)
TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA

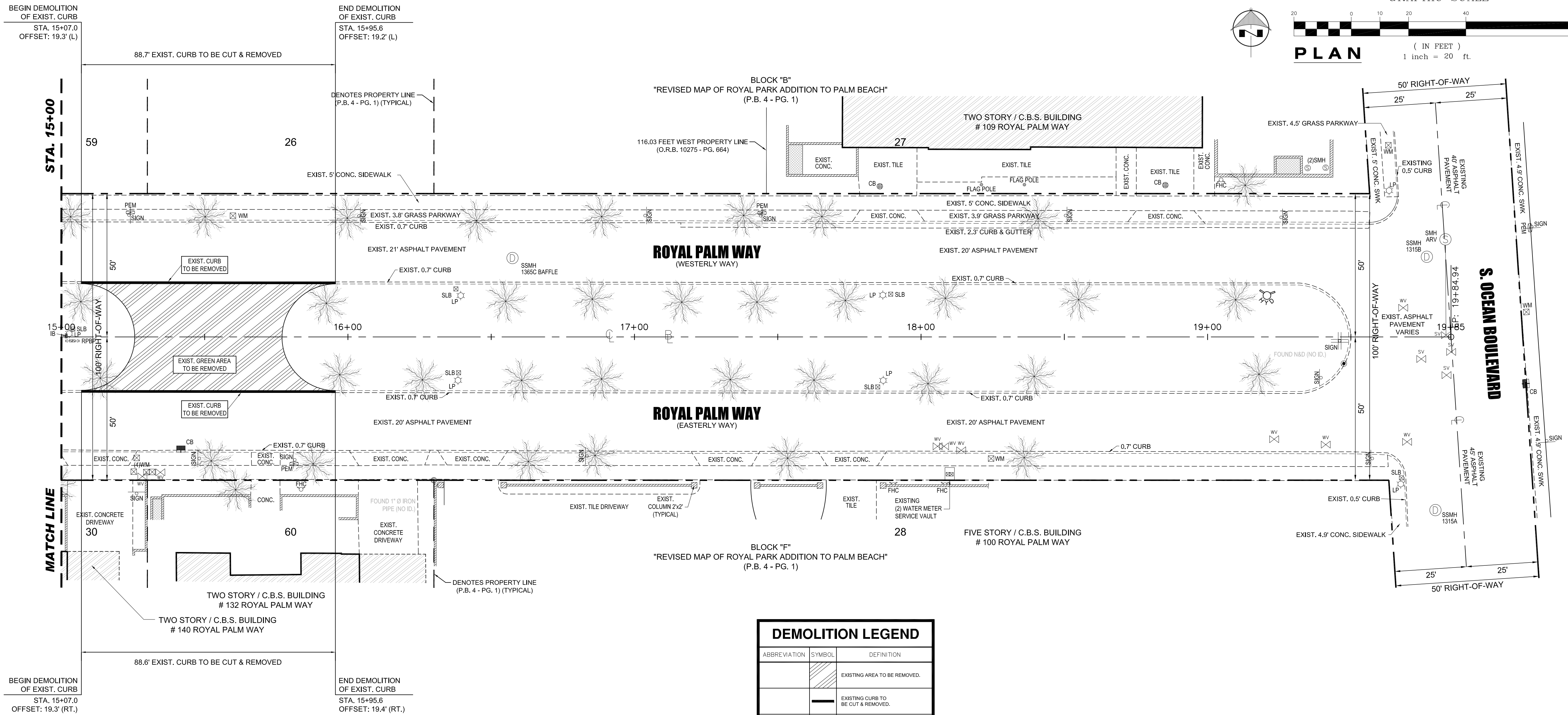
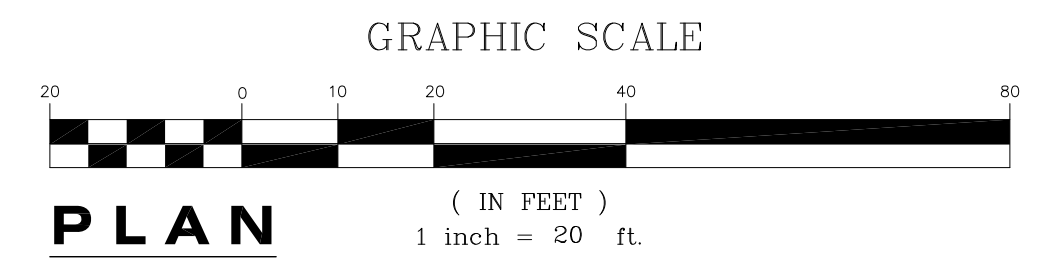
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DEMOLITION PLAN

MEP
engineering designs
consulting engineers
analysis - planning - permitting

CA. #26942
P.E. #01606
9330 NW 13 ST.
DORAL FL 33172
PHONE 305-594-2382
FAX 305-594-2366



ABBREVIATION	SYMBOL	DEFINITION
		EXISTING AREA TO BE REMOVED.
		EXISTING CURB TO BE CUT & REMOVED.
(L)		LEFT.
(RT)		RIGHT.

EARTHWORK NOTES:

- THE CONTRACTOR'S BID FOR EARTHWORK SHALL INCLUDE THE EXCAVATION, REMOVAL AND DISPOSAL OF ALL MATERIALS, OF WHATEVER CHARACTER, WITHIN THE LIMITS OF CONSTRUCTION.
- ALL TOPSOIL THAT IS SUITABLE FOR LANDSCAPING OR SODDING OPERATIONS MAY BE STOCKPILED NEARBY FOR SUCH USE IF APPROVED BY THE TOWN OF PALM BEACH.
- WHERE MUCK, ROCK, CLAY, OR OTHER MATERIAL WITHIN THE LIMITS OF CONSTRUCTION IS UNSUITABLE IN ITS ORIGINAL POSITION THE CONTRACTOR SHALL EXCAVATE SUCH MATERIAL IN ITS ENTIRETY AND BACKFILL WITH SUITABLE MATERIAL WHICH SHALL BE COMPACTED IN PLACE TO CONFORM TO THE REQUIRED GRADES AND SECTIONS AS SHOWN ON THE PLANS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE UNSUITABLE MATERIAL PRESENT ON-SITE AND INCLUDE THE REMOVAL AND REPLACEMENT OF SAME IN HIS BID PRICE.
- THE CONTRACTOR SHALL MAKE HIS OWN ESTIMATE ON THE VOLUME OF MATERIAL ACTUALLY REQUIRED TO OBTAIN THE CROSS SECTIONS OR GRADES AS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL REMOVE ALL MUCK, YIELDING MATERIAL, ROOTS, VEGETATION AND OTHER DEGRADABLE MATERIAL IN ITS ENTIRETY. PEAT AND/OR CLAY WITH HIGH PERCENTAGE OF ORGANIC MATERIAL AND/OR EXISTING UNSUITABLE FILL MATERIAL SHALL BE REMOVED TO NATURAL LIMESTONE OR SAND WITHIN THE RIGHT-OF-WAY. SAID MATERIAL SHALL BE REPLACED WITH CLEAN ORGANIC FREE MATERIAL WITH ROCKS SMALLER THAN THREE INCHES IN DIAMETER COMPACTED TO NOT LESS THAN 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE, AASHTO T-180 METHOD "D" WITH MAXIMUM LIFTS OF TWELVE INCHES COMPACTED THICKNESS.
- EXCAVATED MATERIALS NOT REQUIRED FOR FILL OR BACKFILL SHALL BE REMOVED FROM THE WORK SITE AS DIRECTED BY THE ENGINEER AND SHALL BE CONSIDERED TO BE A PART OF THE BID PRICE FOR WHICH EXCAVATION AND BACKFILL IS REQUIRED. (SEE SECTION 2.16, CHAPTER II OF STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH).
- WATER SHALL NOT BE PERMITTED TO ACCUMULATE IN THE EXCAVATED AREA. IT SHALL BE REMOVED BY PUMPING OR OTHER MEANS AS APPROVED BY THE ENGINEER. THE REMOVAL OF WATER SHALL BE CONSIDERED TO BE A PART OF THE BID PRICE FOR WHICH EXCAVATION AND BACKFILL IS REQUIRED. CONTRACTOR TO OBTAIN DEWATERING PERMITS FROM APPLICABLE JURISDICTIONAL AGENCIES (TOWN OF PALM BEACH, DERM, SWFMD, ETC.) IF REQUIRED. (SEE SECTION 2.12, CHAPTER II OF STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH).
- CONTRACTOR WILL BE RESPONSIBLE FOR CORRECTING DAMAGE FROM SETTLEMENT IN THE BACKFILLED AREAS WHETHER UNDER THE PAVEMENT OR OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING REQUIRED SAFETY BARRIER AND PROTECTIVE STEEL PLATE COVERINGS FOR PARTS OF, EXPOSED OR ANY OPENING ON EXCAVATED AREA.
- THE ENGINEER AND/OR TOWN OF PALM BEACH DOES NOT MAKE ANY REPRESENTATION REGARDING EXISTING SUBSOIL CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM SOIL BORINGS TO VERIFY THE LIMITS OF UNSUITABLE MATERIAL ON-SITE.

EXISTING LEGEND & ABBREVIATIONS

ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
BB		BASILINE	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC.		SECTION	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
BP		BEGIN BASELINE POINT STATION	GV		GAS VALVE	P.C.		POINT OF CURVATURE	SIGN		TRAFFIC SIGNAL	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
BSPH		BELTSOUTH MANHOLE	ID		IRON HAND RAIL	P.C.P.		PERMANENT CONTROL POINT	SLB		SEWER VALVE	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
CB		CATCH BASIN	HR		HAND RAIL	P.C.		POINT OF CURVATURE	SV		SEWER VALVE	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
CLP		CHAIN LINK FENCE	IR		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
COL		COLUMN	IRV		IRRIGATION VALVE	P.C.		POINT OF CURVATURE	TSMH		TRAFFIC SIGNAL MANHOLE	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
CPP		CONCRETE POWER POLE	IB		IRRIGATION BOX	P.O.B.		POINT OF BEGINNING	WFP		WATER METER	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
CLF		CHAIN LINK FENCE	FIP		FLORIDA POWER & LIGHT MANHOLE	P.O.C.		POINT OF COMMENCEMENT	WM		WATER METER	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
C		CENTERLINE	L.P.		LIGHT POLE	P.T.		POINT OF TANGENCY	WV		WATER VALVE	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
DH		FOUND DRILL HOLE	LP		LIGHT POLE	P.R.C.		POINT OF REVERSE CURVATURE	DELTA		DELTA	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
D.M.E.		DRAINAGE AND MAINTENANCE EASEMENT	L.B.		LIGHT POLE	P.R.M.		POINT OF REVERSE MANHOLE	R=		RADIUS	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
EB		ELECTRIC BOX	LP		LIGHT POLE	(R)		RECORD	L=		LENGTH	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
EP		END BASELINE POINT STATION	N&D		FOUND NAIL & DISC	(R)		RECORD	T=		TANGENT	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
ELEV.		EXIST. ELEVATION	NAIL		FOUND NAIL	R/W		RIGHT-OF-WAY	C.B.		CHORD BEARING	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
FH		FIRE HYDRANT	OHW		OVERHEAD WIRE LINE	S.M.H.		SANITARY MANHOLE	C.D.		CHORD DISTANCE	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER
FHC		FIRE HYDRANT CONNECTION	O.R.B.		OFFICIAL RECORD BOOK	SSMH		STORM-SEWER MANHOLE	XS		PEDESTRIAN CROSSING SIGN	CONC.		CONCRETE	RPBP		REDUCER PRESSURE BACKFLOW PREVENTER

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

Sing & Seal:
GEORGE R. UNDERHILL, P.E.
P.E. LICENSE NUMBER 50573
STATE OF FLORIDA

PERMIT SET

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Revisions	Date
ENGINEER COMMENTS	5/17/11

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA

Project Name:
Project Prepared For:

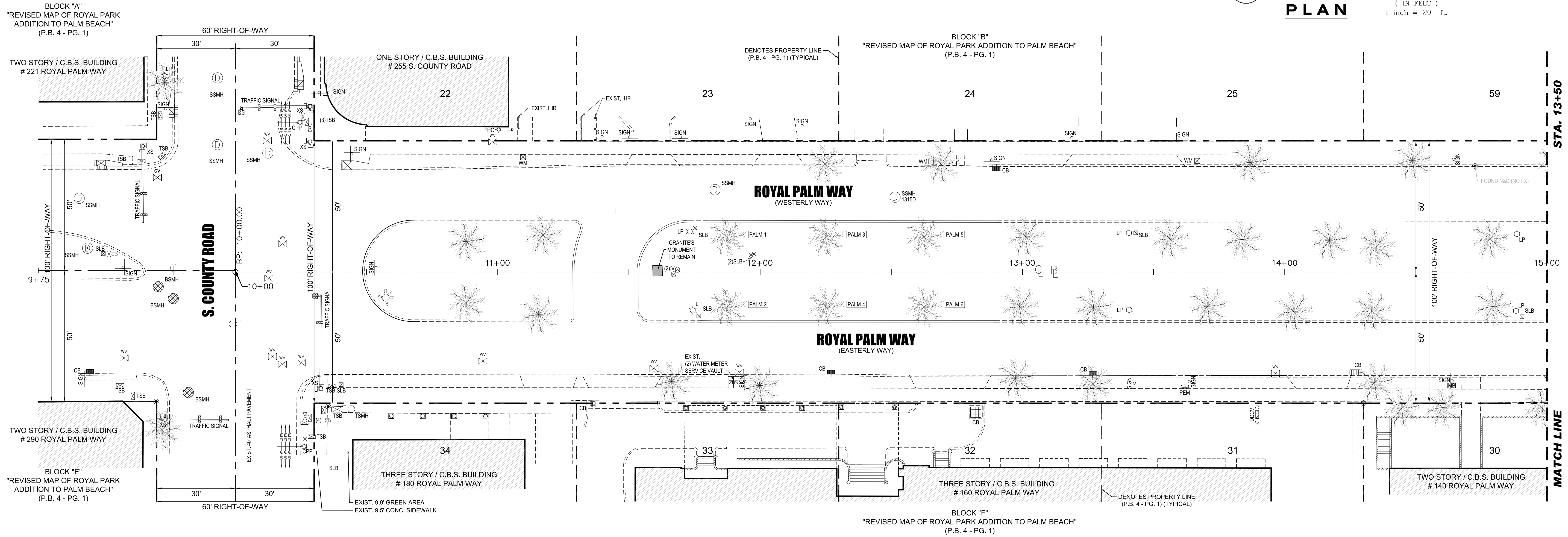
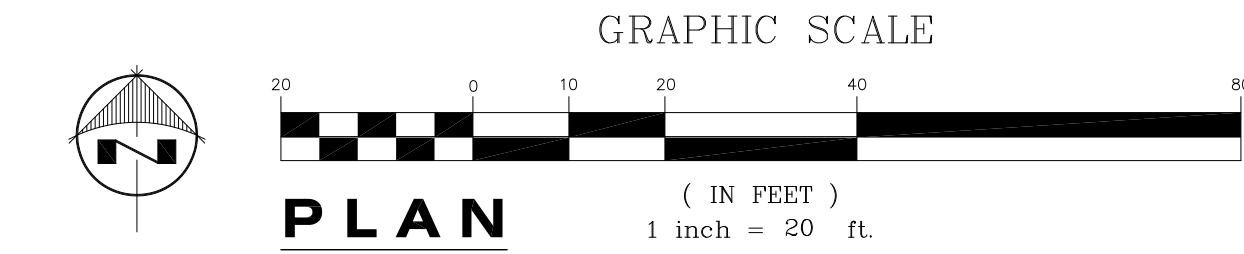
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Job:	1010-0004
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	3 Of 8 Sheets

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ABBREVIATION	SYMBOL	DEFINITION
(PALM-#)		EXISTING PALM TO BE RELOCATED (SEE TABLE RIGHT-BELOW)
(L.T.)		LEFT.
(RT.)		RIGHT.

TREE RELOCATION PLAN



LANDSCAPING NOTES:

- THE INTENTION OF THIS PAGE REFLECTED ON THIS PLAN SHOW ONLY THE RELOCATION OF EXISTING VEGETATION. LANDSCAPE AND HIGHWAY BEAUTIFICATION ARE NOT PART OF THIS PLAN.
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
- "LANDSCAPE" OR LANDSCAPING MEANS ANY VEGETATION, MULCHES, IRRIGATION SYSTEMS, AND ANY SITE AMENITIES, SUCH AS, STREET FURNITURE, SPECIALTY PAVING, TREE GRATES, WALLS, PLANTERS, FOUNTAINS, FENCES AND LIGHTING (EXCLUDING PUBLIC UTILITY STREET AND AREA LIGHTING), AS DEFINE IN RULE CHAPTER 14-40.003, FLORIDA ADMINISTRATIVE CODE, HIGHWAY BEAUTIFICATION AND LANDSCAPE MANAGEMENT.

LANDSCAPING IRRIGATION NOTES:

- ALL LANDSCAPE IRRIGATION SYSTEMS ARE NOT PART OF THIS PLAN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING DAMAGE FROM SETTLEMENT OF ANY EXCAVATING AREA, REMOVING OR RELOCATION OF ANY EXISTING VEGETATION WITHIN THE RIGHT-OF-WAY OR PROJECT AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT THE CONTRACTOR EXPENSES.

CHAPTER X - LANDSCAPING

(SECTION TAKEN FROM STANDARDS APPLICABLE TO PUBLIC RIGHTS-OF-WAY AND EASEMENTS WITHIN THE TOWN OF PALM BEACH.)

1. GENERAL:

WITH THE EXCEPTION OF GRASS LOW GROUND COVER (i.e., THOSE PLANTS THAT LEFT UNATTENDED WILL NOT EXCEED 30" IN HEIGHT), LANDSCAPING WITHIN THE ROAD RIGHTS-OF-WAY AND EASEMENTS IS PROHIBITED. EXCEPTIONS TO THIS SECTION MUST FIRST OBTAIN APPROVAL OF THE PUBLIC WORKS DEPARTMENT.

2. STANDARDS:

ALL LANDSCAPING WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS."

3. MATERIALS:

ALL PLANT MATERIAL SHALL BE FLORIDA GRADE No. 1 OR BETTER AT TIME OF PLANTING, AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE'S "GRADE STANDARDS FOR NURSERY PLANTS, PART 1."

4. INSTALLATION:

4.1 LANDSCAPING SHALL BE PLANTED IN SUCH A MANNER AS TO NOT RESTRICT SIGHT DISTANCE OR DRAINAGE FLOW.

ABBREVIATION	FROM		TO		SYMBOL	DEFINITION
	STATION	OFFSET	STATION	OFFSET		
(PALM-1)	11+43.9	12.5' (L.T.)	11+87.5	13.3' (L.T.)		PALM (NOT IDENTIFIED)
(PALM-2)	11+44.5	14.1' (RT.)	11+87.5	13.3' (RT.)		PALM (NOT IDENTIFIED)
(PALM-3)	15+36.4	11.9' (L.T.)	12+25.0	13.3' (L.T.)		PALM (NOT IDENTIFIED)
(PALM-4)	15+40.5	14.1' (RT.)	12+25.0	13.3' (RT.)		PALM (NOT IDENTIFIED)
(PALM-5)	15+73.6	11.6' (L.T.)	12+62.5	13.3' (L.T.)		PALM (NOT IDENTIFIED)
(PALM-6)	15+79.7	14.5' (RT.)	12+62.5	13.3' (RT.)		PALM (NOT IDENTIFIED)

EXISTING LEGEND & ABBREVIATIONS

ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
BB		BASELINE	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC.		SECTION	EXIST. CONC.		EXISTING CONCRETE	R/PBP		REDUCER PRESSURE BACKFLOW PREVENTER
BP		BENCH MARK	IR		IRON HAND RAIL	P.C.		POINT OF CURVATURE	SIGN		TRAFFIC SIGNAL	EXIST. CONC.		EXISTING CONCRETE	DOCV		DOUBLE DETECTOR CHECK VALVE
BSMH		BELLSOUTH MANHOLE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	SLB		STREET LIGHTING BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
CB		CATCH BASIN	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	SV		SEWER VALVE	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
CLP		CHAIN LINK FENCE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
COL		COLUMN	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
CP		CONCRETE POWER POLE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
CPP		CHAIN LINK FENCE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
CLF		CENTERLINE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
C		CENTERLINE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
DH		FOUND DRILL HOLE	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
D.M.E.		DRAINAGE AND MAINTENANCE EASEMENT	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
EB		ELECTRIC BOX	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
EP		END BASELINE POINT STATION	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
ELEV.		EXIST. ELEVATION	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
FH		FIRE HYDRANT	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION
FHC		FIRE HYDRANT CONNECTION	IRV		IRRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	TSB		TRAFFIC SIGNAL BOX	EXIST. CONC.		EXISTING CONCRETE	STA.		BASELINE STATION

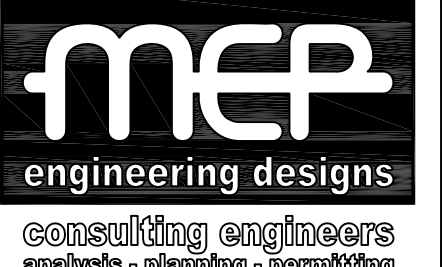
ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA PROFESSIONAL ENGINEER. ADDITIONS OR DELETIONS TO THIS PLAN BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

Sing & Seal:

GEORGE R. UNDERHILL, P.E.
P.E. LICENSE NUMBER 50573
STATE OF FLORIDA



CA. #26942
P.E. #01606
9330 NW 13 ST.
DORAL FL 33172
PHONE 305-594-2382
FAX 305-594-2366

PERMIT SET

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Revisions	Date

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS

ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

TREE RELOCATION PLAN

TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA

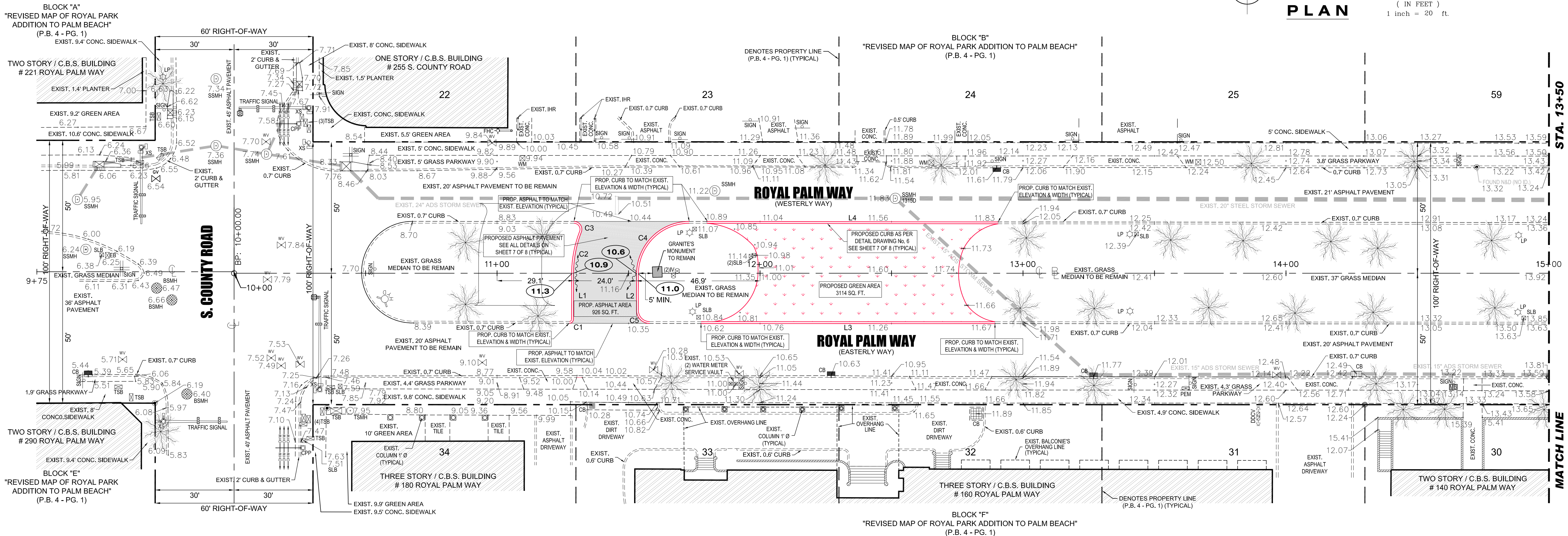
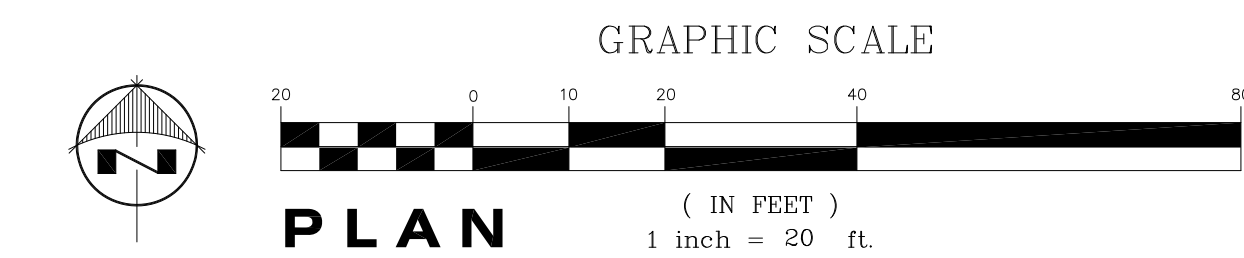
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Job: 1010-0004

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TR-1
4 Of 8 Sheets



PROPOSED LEGEND					
ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
		NEW ASPHALT PAVEMENT.			NEW GREEN AREA.
(D-M-S)		DEGREE-MINUTE-SECOND	sq. FT.		SQUARE FEET.
		NEW CURB.	(L.T.)		LEFT.
CR		CURVE NUMBER NEW CURB INFO BASED ON EDGE OF PAVEMENT. SEE PROP. GEOMETRY DATA TABLE.	(R.T.)		RIGHT.
LP		LINE NUMBER NEW CURB INFO BASED ON EDGE OF PAVEMENT. SEE PROP. GEOMETRY DATA TABLE.	XXX		NEW ELEVATION

PAVING AND GRADING PLAN



PROPOSED GEOMETRY DATA																										
CURVE No. OR LINE No.	POINT	STATION	OFFSET	CURVE DATA				LINE DATA	CURVE No. OR LINE No.	POINT	STATION	OFFSET	CURVE DATA				LINE DATA	CURVE No. OR LINE No.	POINT	STATION	OFFSET	CURVE DATA				LINE DATA
				Δ (D-M-S)	RADIUS (FT.)	TANGENT (FT.)	ARC LENGTH (FT.)						CHORD LENGTH (FT.)	LENGTH (FT.)	Δ (D-M-S)	RADIUS (FT.)						TANGENT (FT.)	ARC LENGTH (FT.)	CHORD LENGTH (FT.)	LENGTH (FT.)	
C1	P.C.	11+27.52	19.04' (RT.)	90°00'00"	1,500	1,500	2,356	2,121	C3	P.R.C.	11+32.04	15.64' (RT.)	111°11'38"	3,000	4,381	5,822	4,950	C5	P.C.	11+53.03	14.09' (RT.)	90°05'50"	5,000	5,008	7,862	7,077
	P.L.	11+29.02	19.04' (RT.)							P.M.C.	11+31.72	18.42' (LT.)							P.J.	11+53.02	19.09' (RT.)					
	P.T.	11+29.02	17.54' (RT.)							P.T.	11+29.25	19.72' (RT.)							P.T.	11+58.03	19.10' (RT.)					
L1	P.O.C.	11+29.02	17.54' (RT.)	21°05'45"	44,000	8,193	16,200	16,109	C4	P.C.	11+73.09	22.62' (LT.)	89°58'25"	20,000	19,991	31,407	28,278	L3	P.O.C.	11+77.56	19.14' (RT.)	-	-	-	-	111,779
	P.O.T.	11+29.06	0.19' (RT.)							P.J.	11+53.10	22.62' (LT.)							P.O.T.	12+88.33	19.15' (RT.)					
	P.C.	11+29.06	0.19' (RT.)							P.T.	11+53.06	0.24' (RT.)							P.O.C.	11+79.76	19.71' (LT.)					
C2	P.M.C.	11+29.82	7.86' (LT.)	-	-	-	-	-	L2	P.O.C.	11+53.06	0.24' (RT.)	-	-	-	-	-	L4	P.O.C.	11+79.76	19.71' (LT.)	-	-	-	110,771	
	P.R.C.	11+32.04	15.64' (RT.)							P.O.T.	11+53.03	14.09' (RT.)							P.O.T.	12+90.53	19.53' (LT.)					
	P.T.	11+29.02	17.54' (RT.)							P.T.	11+53.06	0.24' (RT.)							P.O.T.	12+90.53	19.53' (LT.)					

P.C. = POINT OF CURVATURE
P.L. = POINT OF INTERSECTION
P.T. = POINT OF TANGENCY
P.M.C. = POINT OF MIDDLE CURVATURE
P.R.C. = POINT OF REVERSE CURVATURE
P.O.C. = POINT OF COMMENCEMENT
P.O.T. = POINT OF TERMINATION

EXISTING LEGEND & ABBREVIATIONS

ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
BB		BASIS LINE	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC		SECTION			
BP		BEGIN BASIS LINE POINT STATION	ID		IRON IDENTIFICATION	P.B.		POINT OF CURVATURE	SIG		SIGNAL			
BSMH		BELLSOUTH MANHOLE	IR		IRON HAND RAIL	P.C.		POINT OF CURVATURE	SLB		STREET LIGHTING BOX			
CB		CATCH BASIN	IRV		IRIGATION VALVE	P.C.P.		PERMANENT CONTROL POINT	SV		SEWER VALVE			
CLP		CHAIN LINK FENCE	IB		IRIGATION BOX	P.C.		PROPERTY LINE	TSB		TRAFFIC SIGNAL BOX			
COL		COLUMN	IP		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WMP		WOOD POWER POLE			
CPP		CONCRETE POWER POLE	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WM		WOOD METER			
CLF		CHAIN LINK FENCE	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
CL		CENTERLINE	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
DM		DRIVEWAY	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
D.M.E.		DRIVEWAY MOUNTED EXHAUST	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
E		ELECTRIC	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
EB		ELECTRIC BOX	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
EP		END BASIS LINE POINT STATION	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
ELEV.		EXIST. ELEVATION	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
FH		FIRE HYDRANT	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			
FHC		FIRE HYDRANT CONNECTION	IPR		IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	WV		WOOD VALVE			

ENGINEER'S CERTIFICATE:

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Revisions	Date

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

PAVING AND GRADING PLAN

TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA

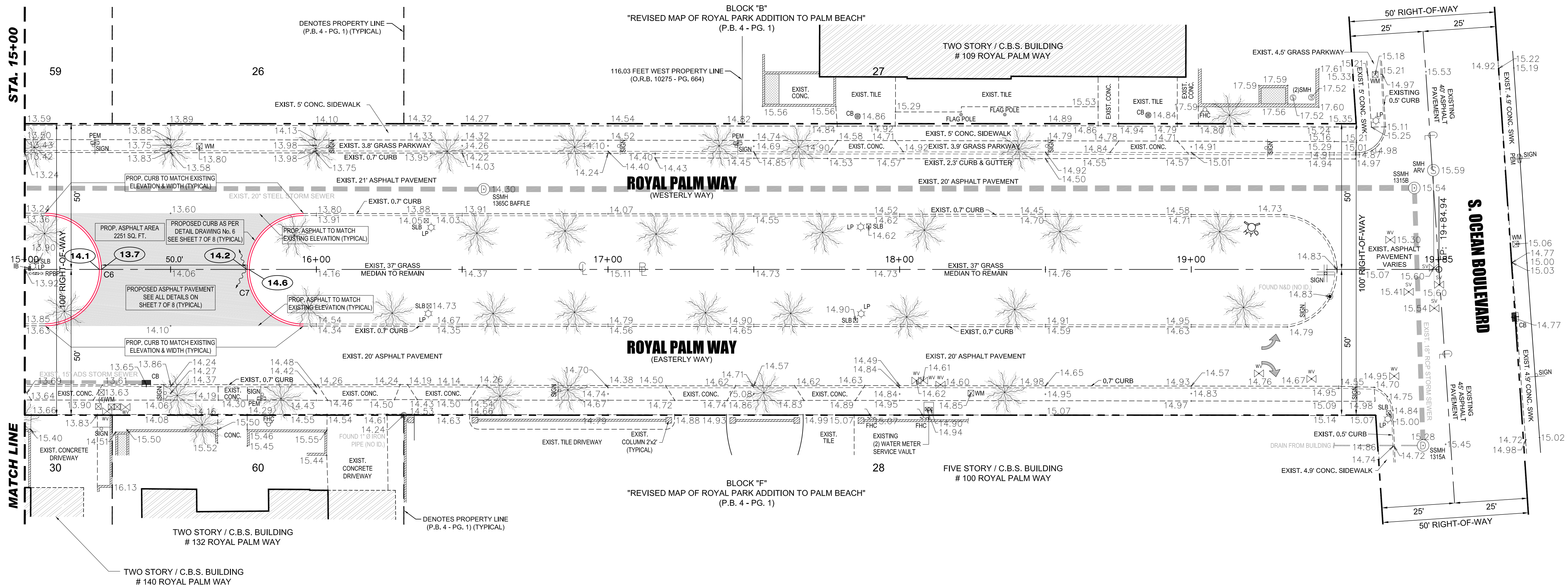
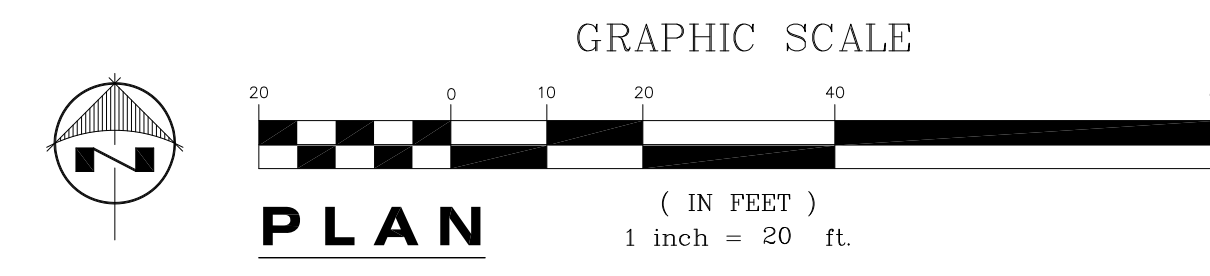
Date: 11/10/2010
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Drawn: INVENTION, CORP.
Job: 1010-0004

Sheet
PD-1
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PROPOSED LEGEND					
ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
		NEW ASPHALT PAVEMENT.			NEW GREEN AREA.
(D-M-S)		DEGREE-MINUTE-SECOND.	SO. FT.		SQUARE FEET.
		NEW CURB.	(L.T.)		LEFT.
CR		CURVE NUMBER NEW CURB INFO BASED ON EDGE OF PAVEMENT. SEE PROP. GEOMETRY DATA TABLE.	(RT.)		RIGHT.
LP		LINE NUMBER NEW CURB INFO BASED ON EDGE OF PAVEMENT. SEE PROP. GEOMETRY DATA TABLE.	(XXX)		NEW ELEVATION.

PAVING AND GRADING PLAN



PAVING, GRADING, AND NOTES

- ALL PAVEMENT SUBGRADE MATERIAL SHALL BE COMPACTED TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE, AASHTO T-180, METHOD "D" AND SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. SPECIFICATIONS, SECTION 120. THE TEST RESULTS SHALL BE ACCEPTED BY THE TOWN OF PALM BEACH PRIOR TO PLACEMENT OF BASE MATERIAL.
- IF THE PLANS INDICATE A LIMEROCK BASE, THE CONSTRUCTION AND THE MATERIAL FOR THE SHELLROCK BASE SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. SPECIFICATIONS, SECTION 230. THE SHELLROCK BASE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE, AASHTO T-180, METHOD "D". THE ENGINEER SHALL SPECIFY THE LOCATION AND NUMBER OF FIELD TESTS REQUIRED. THE TEST RESULTS SHALL BE ACCEPTED BY THE ENGINEER PRIOR TO APPLICATION OF THE PRIME AND TACK COATS.
- THE PRIME AND TACK COAT CONSTRUCTION AND MATERIALS FOR THE PRIME AND TACK COATS SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. STANDARD SPECIFICATIONS, SECTION 300. THE PRIME AND TACK COATS SHALL BE APPLIED PRIOR TO CONSTRUCTION OF THE ASPHALT SURFACE COURSE AND SHALL BE SANDED AND ROLLED IN ACCORDANCE WITH SECTION 300. APPLICATION RATES SHALL BE 0.15 GAL/SY FOR LIMEROCK BASE AND 0.25 GAL/SY FOR SHELLROCK BASE.
- ASPHALTIC CONCRETE SURFACE COURSE SHALL BE AS SHOWN ON THE PLANS. THE MATERIALS FOR THE ASPHALT CONCRETE SURFACE COURSE SHALL CONFORM TO THE REQUIREMENTS OF F.D.O.T. STANDARD SPECIFICATIONS, SECTION 330.
- THE MATERIAL TO BE USED AS A STABILIZER SHALL BE SOIL OF HIGH BEARING VALUE SUCH AS, SAND-CLAY, GROUND LIMESTONE, CRUSHED LIMEROCK, OYSTER SHELL, COQUINA SHELL, ROCK SCREENINGS, OR ANY OTHER MATERIAL WHICH IS SUITABLE FOR STABILIZATION. MUCK SHALL NOT BE USED AS STABILIZING MATERIAL.
- ALL GRADES SHOWN REFER TO FINISHED ASPHALT PAVEMENT UNLESS OTHERWISE NOTED.
- MATERIAL HAVING A PLASTICITY INDEX AT MORE THAN 10 OR A LIQUID LIMIT GREATER THAN 40 SHALL NOT BE USED. ALL MATERIAL USED FOR STABILIZING THE ROADBED SHALL PASS A 3-1/2 INCH RING.
- WHERE THE BEARING VALUE OF THE EXISTING SUBGRADE IS ADEQUATE WITHOUT ADDITION OF STABILIZING MATERIAL, THE SUBGRADE SHALL BE SCARIFIED AND DICED, HARROWED, BLADED, OR TILLED FOR REMOVAL OF BOULDERS, ROOTS, ETC. TO ASSURE UNIFORMITY AND THOROUGH MIXING OF MATERIAL TO THE FULL WIDTH AND DEPTH OF REQUIRED STABILIZATION. THE COMPACTED SUBGRADE SHALL CONFORM TO THE LINES, GRADES AND CROSS-SECTION SHOWN ON THE PLANS.
- CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT AT THE LIMITS OF REMOVAL OF EXISTING PAVEMENT AND WHEN NEW PAVEMENT CONSTRUCTION MEETS EXISTING PAVEMENT. MEET AND MATCH SHALL ALSO MEAN SAW CUT AND MATCH.
- THE SUBGRADE TO BE STABILIZED MAY BE PROCESSED IN ONE COURSE, UNLESS THE EQUIPMENT AND METHODS BEING USED DO NOT PROVIDE THE REQUIRED UNIFORMITY, PARTICLE SIZE LIMITATION, COMPACTION AND OTHER DESIGNED RESULTS IN WHICH CASE, THE TOWN OF PALM BEACH WILL DIRECT THAT THE PROCESSING BE DONE IN MORE THAN ONE COURSE.

- PRIOR TO THE BEGINNING OF STABILIZING OPERATIONS, THE AREA TO BE STABILIZED SHALL HAVE BEEN CONSTRUCTED TO AN ELEVATION SUCH THAT UPON COMPLETION OF STABILIZING OPERATIONS, THE COMPLETED STABILIZED SUBGRADE SHALL CONFORM TO THE LINES, GRADES AND CROSS-SECTION SHOWN IN THE PLANS. PRIOR TO THE SPREADING OF ANY ADDITIVE STABILIZING MATERIAL THE SURFACE OF THE ROADBED SHALL BE BROUGHT TO A PLACE APPROXIMATELY PARALLEL TO THE PLANE OF THE PROPOSED FINISHED SURFACE.
- THE STABILIZING MATERIAL SHALL BE APPLIED IN SUCH QUANTITY AS IS NECESSARY TO PRODUCE THE REQUIRED BEARING VALUE. IT SHALL BE INCORPORATED WITH THE SUBGRADE BY FLOWING, DICING, HARROWING, BLADING OR MIXING WITH ROTARY TILLERS UNTIL THE MIXED MATERIALS ARE OF A UNIFORM BEARING VALUE FOR THE FULL WIDTH AND DEPTH OF THE COURSE BEFORE COMPACTION. REGARDLESS OF THE CHARACTER OR BEARING VALUE. ALL MATERIALS IN THE STABILIZING COURSE THAT WILL NOT PASS A 3-1/2" RING SHALL BE REMOVED OR BROKEN DOWN TO A SIZE NOT LARGER THAN 3-1/2 INCHES.
- COMPACTION SHALL BE ACCOMPLISHED BY ROLLING WITH ANY TYPE OF EQUIPMENT WHICH WILL PRODUCE THE REQUIRED DENSITY. COMPACTION SHALL CONTINUE UNTIL THE ENTIRE DEPTH TO BE STABILIZED HAS A DENSITY OF NOT LESS THAN 98 PERCENT OF THE MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T-180, FIELD DENSITY TESTS SHALL BE MADE AT INTERVALS NOT GREATER THAN 500 FEET IN EACH COURSE OR LAYER.
- THE LIMEROCK SHALL BE TRANSPORTED TO THE POINT WHERE IT IS TO BE USED OVER BASE PREVIOUSLY PLACED, IF PRACTICABLE, AND DUMPED ON THE END OF THE PROCEEDING SPREAD, HAULING OVER THE SUBGRADE AND DUMPING ON THE SUB GRADE WILL BE PERMITTED ONLY WHEN IN THE TOWN OF PALM BEACH OPINION THESE OPERATIONS WILL NOT BE DETRIMENTAL TO THE BASE.
- THE LIMEROCK SHALL BE SPREAD UNIFORMLY, WITH EQUIPMENT ACCEPTABLE TO THE ENGINEER, ALL SEGREGATED OR OTHERWISE UNACCEPTABLE AREAS SHALL BE REMOVED AND REPLACED WITH PROPERLY GRADED ROCK, AFTER SPREADING IS COMPLETED, THE ENTIRE SURFACE SHALL BE SCARIFIED AND THEN SHAPED SO AS TO PRODUCE THE REQUIRED GRADE, THICKNESS AND CROSS-SECTION AFTER COMPACTION. LIFTS SHALL HAVE A MAXIMUM COMPACTED THICKNESS OF SIX INCHES.
- COMPACTION SHALL BE ACCOMPLISHED AT OPTIMUM MOISTURE. WHEN THE MATERIAL DOES NOT HAVE THE PROPER MOISTURE CONTENT TO INSURE THE REQUIRED DENSITY, WETTING OR DRYING WILL BE REQUIRED. ADDED WATER SHALL BE UNIFORMLY MIXED TO THE FULL DEPTH OF THE COURSE WHICH IS BEING COMPACTED.
- BEFORE ANY BITUMINOUS MATERIAL IS APPLIED, ALL LOOSE MATERIAL, DUST, DIRT, CAKED SLAY AND FOREIGN MATERIAL WHICH MIGHT PREVENT PROPER BOND WITH EXISTING SURFACE SHALL BE REMOVED FOR THE FULL WIDTH OF THE APPLICATION, PARTICULAR CARE SHALL BE TAKEN TO CLEAN THE OUTER EDGE OF THE STRIP TO BE TREATED IN ORDER TO ENSURE THAT THE PRIMER WILL ADHERE, WHERE THE PRIMER IS APPLIED ADJACENT TO CURB & GUTTER OR VALLEY GUTTER, SUCH CONCRETE SURFACES ARE TO BE PROTECTED AND KEPT FREE OF BITUMINOUS MATERIAL.
- NO BITUMINOUS MATERIAL SHALL BE APPLIED WHEN THE TEMPERATURE OF THE AIR IS LESS THAN 40 DEGREES F IN THE SHADE AND FALLING, OR WHEN IN THE OPINION OF THE TOWN OF PALM BEACH, THE WEATHER CONDITIONS OR THE CONDITION OF THE EXISTING SURFACE IS UNSUITABLE.

- THE SURFACE TO BE PRIMED SHALL BE CLEAN AND DRY FOR LIMEROCK BASES. THE GLAZED FINISH SHALL BE REMOVED BEFORE THE APPLICATION OF PRIME COAT.
- WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT.
- ALL RUNOFF FROM THIS PROJECT SHALL BE DISCHARGED ON DRAINAGE STRUCTURES ALREADY EXISTING IN THE RIGHT-OF-WAY.
- PEDESTRIANS RAMP (IF REQUIRED) SHALL BE BUILT AND CONSTRUCTED PROVIDING SLOPE TOWARD DRAINAGE STRUCTURE TO AVOID BLOCKAGE OF RUNOFF FLOW.
- ASPHALT PAVEMENT SHALL BE CONSTRUCTED AS FOLLOWS:
 - ASPHALTIC CONCRETE SURFACE COURSE, 1 1/2" THICK.
 - LIMEROCK BASE COURSE, PRIMED, 8" THICK.
 - STABILIZED SUBGRADE, 12" THICK (MIN.)

PROPOSED GEOMETRY DATA									
CURVE No. OR LINE No.	POINT	STATION	OFFSET	CURVE DATA				LINE DATA	
				Δ (D-M-S)	RADIUS (FT.)	TANGENT (FT.)	ARC LENGTH (FT.)	CHORD LENGTH (FT.)	LENGTH (FT.)
C6	P.C.	15+07.00	19.33' (RT.)						
	P.I.	15+26.30	0.02' (RT.)	180°00'00"	19,312	-	60.670	36.623	-
	P.T.	15+06.97	19.29' (LT.)						
C7	P.C.	15+95.62	19.19' (LT.)						
	P.M.C.	15+76.30	0.10' (RT.)	180°00'00"	19,312	-	60.670	36.623	-
	P.T.	15+95.59	19.42' (RT.)						

P.C. = POINT OF CURVATURE P.M.C. = POINT OF MIDDLE CURVATURE P.O.C. = POINT OF COMMENCEMENT
 P.I. = POINT OF INTERSECTION P.R.C. = POINT OF REVERSE CURVATURE P.O.T. = POINT OF TERMINATION
 P.T. = POINT OF TANGENCY

ENGINEER'S CERTIFICATE:
 I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

Sing & Seal:
GEORGE R. UNDERHILL, P.E.
 P.E. LICENSE NUMBER 50573
 STATE OF FLORIDA

PERMIT SET

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Revisions	Date
ENGINEER COMMENTS	5/17/11

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
 ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)
TOWN OF PALM BEACH
 PALM BEACH COUNTY, FLORIDA

Date: 11/10/2010
 Scale: AS NOTED
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DETAILS & SECTIONS

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REPLACEMENT OF FLEXIBLE PAVEMENT FOR PERMITTED PAVEMENT CUT

GENERAL NOTES:
BASE AND BACKFILL MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED, OR OF EQUAL OR GREATER STRUCTURAL ADEQUACY. MATERIALS CONTAMINATED WITH DELETERIOUS SUBSTANCES DURING EXCAVATION SHALL NOT BE USED.
REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE.
BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO THE SPECIFIED DENSITY.
ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWS.
SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.

DENSITY PROCEDURES:
THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LAYERS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
STAGE #1
THE PERMITTEE SHALL PROVIDE ADEQUATE COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTATION APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING REQUIRED.
STAGE #2
THE PERMITTEE SHALL OBTAIN A WELL-COMPACTED BED AND FILL ALONG THE SIDES OF THE PIPE AND TO A POINT INDICATING THE TOP OF SUB-GRADE MATERIAL.
NOTE: A TEMPORARY ASPHALT PATCH (1 1/2" MINIMUM) SHALL BE APPLIED SAME DAY AS ROAD IS CUT AND MAINTAINED 90 DAYS BEFORE PLACEMENT OF FINAL WEARING SURFACE.

LIMEROCK CRUSHED CONCRETE BASES
DENSITY REQUIREMENTS:
6" LAYERS COMPACTED THICKNESS
98% UNDER ROADWAY
95% OUTSIDE THE TRAVELED ROADWAY, SUCH AS INTERSECTIONS, CROSS-OVERS, TURNOUTS, ETC.
95% SHOULDER PAVEMENT
METHOD AASHTO T-180

TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT	REPLACEMENT OF FLEXIBLE PAVEMENT FOR PERMITTED PAVEMENT CUT	DRAWING NO. 1
REVISIONS:	APPROVED: <i>[Signature]</i> TOWN ENGINEER	EFFECTIVE: 7-4-94

TABLE 100
TABLE OF MATERIALS AND CONSTRUCTION STANDARDS
RESIDENTIAL ACCESS AND LOCAL STREETS

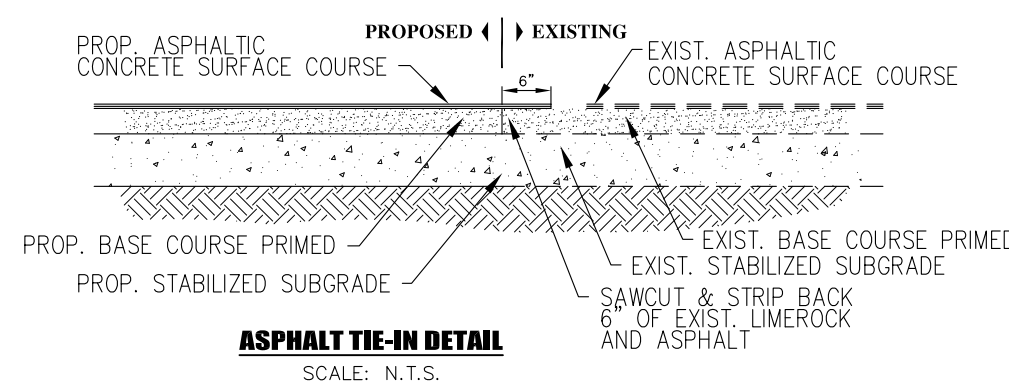
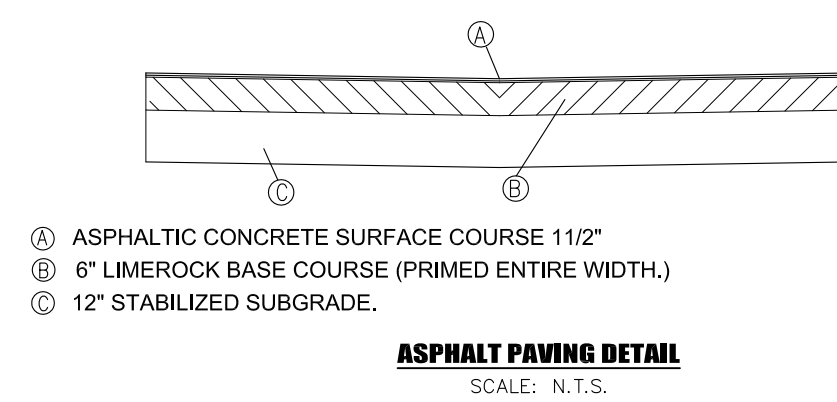
COMPONENT (1)	DESCRIPTION OF MATERIALS	CONSTRUCTION STANDARDS (MINIMUM IN PLACE)		NOTES
		DEPTHS (2)	METHOD (3)	
A	TYPE II ASPHALTIC CONCRETE	1-1/2"	ONE (1) LIFT	TACK COAT REQUIRED WITH MULTIPLE LIFTS.
	TYPE S-3 ASPHALTIC CONCRETE	1-1/2"	TWO (2) EQ. LIFTS	
B	LIMEROCK	8"	COMPACTED	SEE DETAIL DRAWINGS FOR PRIME COAT NOTATION
	CRUSHED CONCRETE	8"	COMPACTED	
C	SUBGRADE	12"	COMPACTED	

(1) A = PAVEMENT
B = BASE
C = SUBGRADE
(2) ALL DIMENSIONS REFER TO FINISHED THICKNESS.
(3) COMPACTED TO AT LEAST 98% MAXIMUM DENSITY PER A.A.S.H.T.O. T-180.

TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT	TABLE 100	DRAWING NO. 2
REVISIONS:	APPROVED: <i>[Signature]</i> TOWN ENGINEER	EFFECTIVE: 7-4-94

6" X 18" CONCRETE CURB

TOWN OF PALM BEACH PUBLIC WORKS DEPARTMENT	6" X 18" CONCRETE CURB	DRAWING NO. 6
REVISIONS: DIMENSIONS	REVISIONS: 8/29/03 APPROVED: <i>[Signature]</i> TOWN ENGINEER	EFFECTIVE: 9-9-03



ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

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GEORGE R. UNDERHILL, P.E.
P.E. LICENSE NUMBER 50573
STATE OF FLORIDA

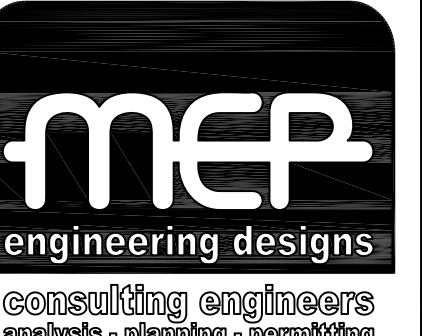
RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

DETAILS & SECTIONS

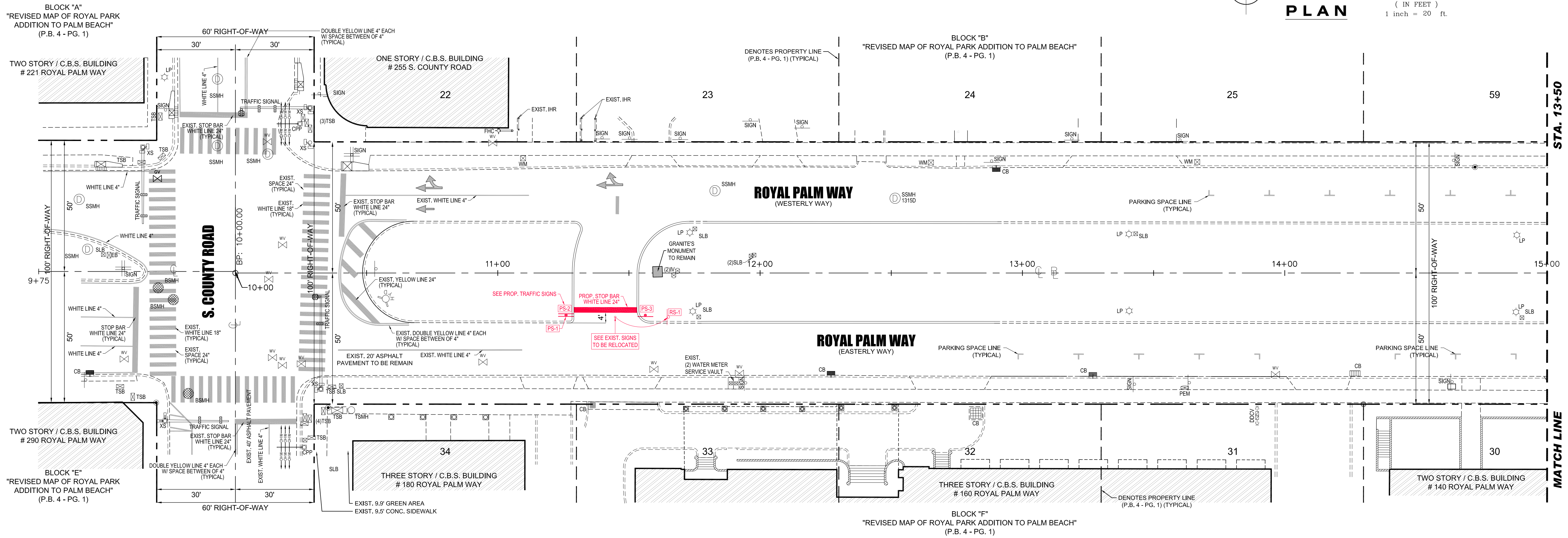
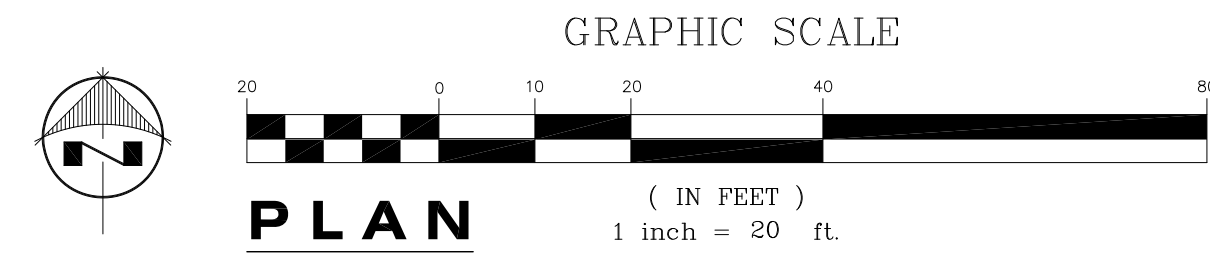
TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA



TRAFFIC PLAN



CA. #26942
P.E. #01606
9330 NW 13 ST.
DORAL FL 33172
PHONE 305-594-2382
FAX 305-594-2366



ABBREVIATION	STATION	OFFSET	SYMBOL	DEFINITION
PS-1	11+26.0	16.0' (RT.)		PROPOSED SIGN
PS-2	11+26.0	16.0' (RT.)		PROPOSED SIGN
PS-3	11+56.3	16.1' (RT.)		PROPOSED SIGN

ABBREVIATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	DEFINITION
RS-1	11+45.1	17.6' (RT.)	12+15.0	16.8' (RT.)	EXISTING SIGN

ABBREVIATION	SYMBOL	DEFINITION
		NEW STOP BAR WHITE LINE 24"
PS-1		NEW TRAFFIC SIGN
RS-1		EXISTING TRAFFIC SIGN TO BE RELOCATED

PAVEMENT MARKING AND SIGNAGE:

- ALL PAVEMENT MARKINGS SHALL BE ALKYD-BASED THERMOPLASTIC OR INLAID PERFORMED PLASTIC MATERIAL AND IN COMPLIANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 711 THERMOPLASTIC TRAFFIC STRIPES AND MARKINGS."
- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "ROADWAY AND TRAFFIC DESIGN STANDARDS," LATEST EDITION, AND TO THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION.
- ALL EXIST. MARKINGS IN CONFLICT WITH THE PROPOSED DESIGN SHALL BE REMOVED.
- THE DESIGN AND CONSTRUCTION OF TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
FLORIDA D.O.T. STANDARD SPECIFICATIONS.
FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS.
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
- TRAFFIC SIGNS:
A. MATERIALS: FOLLOW SECTION 700 OF THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION; AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) BY THE U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
B. PLACEMENT: IN ACCORDANCE WITH PART 2 OF THE MUTCD.
- ALL TRAFFIC CONTROL SIGNAGE, EQUIPMENT AND MATERIALS TO BE APPROVED BY THE TOWN OF PALM BEACH ENGINEERING DIVISION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

EXISTING LEGEND & ABBREVIATIONS

ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
BB		BEGIN BASELINE POINT STATION	GV		GAS VALVE	PEM		PARKING ELECTRONIC METER	SEC.		SECTION						
BP		BELLSOUTH MANHOLE	ID		IDENTIFICATION	P.B.		PLAT BOOK	P.C.		POINT OF CURVATURE						
BSMH		BELLSOUTH MANHOLE	IHR		IRON HAND RAIL	P.C.P.		PERMANENT CONTROL POINT	SLB		STREET LIGHTING BOX						
CB		CATCH BASIN	IRV		IRRIGATION VALVE	P.O.C.		POINT OF COMMENCEMENT	SV		SEWER VALVE						
LP		ALUMINUM LIGHT POLE	IB		IRIGATION BOX	P.O.B.		POINT OF BEGINNING	TSB		TRAFFIC SIGNAL BOX						
COL		COLUMN	FIP		FOUND IRON PIPE	P.O.C.		POINT OF COMMENCEMENT	TSMH		TRAFFIC SIGNAL MANHOLE						
CP		CONCRETE POWER POLE	FPL MH		FLORIDA POWER & LIGHT MANHOLE	P.O.T.		POINT OF TANGENCY	WM		WOOD POWER POLE						
CLF		CHAIN LINK FENCE	L.B.		LIGHT POLE	P.R.C.		POINT OF REVERSE CURVATURE	WV		WATER METER						
C		CENTERLINE	LP		LIGHT POLE	P.R.M.		POINT OF RECORD	Δ		DELTA						
DH		FOUND DRILL HOLE	M.H.		MANHOLE (NO IDENTIFIED)	(R)		RECORD	R=		RADIUS						
D.M.E.		DRAINAGE AND MAINTENANCE EASEMENT	M&D		MEASURED FOUND MAIL & DISC	R/W		RIGHT-OF-WAY	L=		ARC LENGTH						
EB		ELECTRIC BOX	N&O		FOUND NAIL & DISC	R/W		RIGHT-OF-WAY	T=		TANGENT						
EP		END BASELINE POINT STATION	NAIL		FOUND NAIL	R/W		RIGHT-OF-WAY	C.B.		CHORD BEARING						
ELEV.		EXIST. ELEVATION	CHW		CHW	S.M.H.		SANITARY MANHOLE	C.D.		CHORD DISTANCE						
FH		FIRE HYDRANT	O.B.E.		OFFICIAL RECORD BOOK	SMH		STORM-SEWER MANHOLE	X.S.		PEDESTRIAN CROSSING SIGN						
FHC		FIRE HYDRANT CONNECTION															

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY: That this plan was prepared under my direction and to the best of my knowledge and belief complies with the intent of the "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", as adopted by the State of Florida Legislature, Chapter 72-328 F.S.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA PROFESSIONAL ENGINEER. ADDITIONS OR DELETIONS TO THIS PLAN BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

Sing & Seal:

GEORGE R. UNDERHILL, P.E.
P.E. LICENSE NUMBER 50573
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Revisions	Date

RIGHT-OF-WAY IMPROVEMENTS MODIFICATIONS
ROYAL PALM WAY (BETWEEN S. COUNTY ROAD & S. OCEAN BOULEVARD)

TRAFFIC PLAN

TOWN OF PALM BEACH
PALM BEACH COUNTY, FLORIDA

Date: 11/10/2010

Scale: AS NOTED

Drawn: INVENTION, CORP.

Job: 1010-0004

Sheet

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