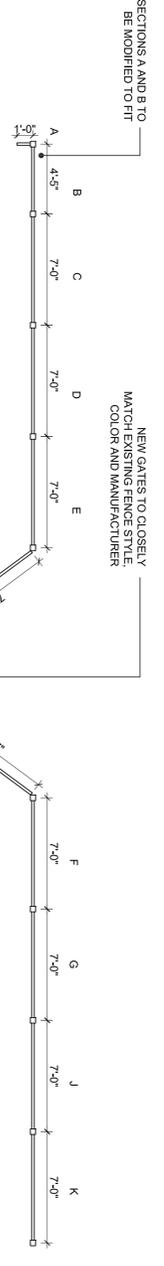


NOTE: EXISTING FENCE SECTIONS ARE IDENTIFIED BY LETTER IN THE DRAWING. REFER TO THE FENCE SECTION DETAIL FOR THE NEW CONFIGURATION FOR EACH SECTION'S RELOCATED LOCATION.

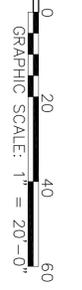
03 FENCE SECTIONS TO BE REMOVED
SCALE: NOT TO SCALE



02 NEW FENCE CONFIGURATION
SCALE: NOT TO SCALE

GENERAL NOTES:
1. FOR NEW FENCING LOCATIONS.
2. HATCHED AREAS INDICATE APPROXIMATE LIMITS OF DEMOLITION COORDINATE WITH PROPOSED PLANS.
3. REFER TO LANDSCAPE DRAWINGS FOR DEMOLITION OF VEGETATION AND TREES.
4. ALL EXISTING SITE FURNITURE AND ACCESSORIES TO BE REMOVED. COORDINATE LOCATION WITH CITY OF KEY WEST CONTRACTOR TO VERIFY EXISTING LOCATION AND CONDITION.
5. RECOMMEND REPLACEMENT OF EXISTING LIGHTS.

01 SITE DEMOLITION PLAN
SCALE: 1"=20'-0"



ARCHITECT:
mbi | k2m
ARCHITECTURE, INC.
Architecture, Interior Design,
Owner Representation,
Specialty Consulting
1001 Whitehead Street
Key West, Florida 33040
Tel: 305.292.7722
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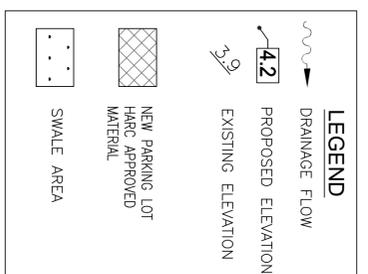
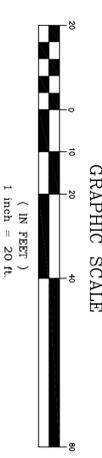
CONSULTANTS:
Civil Engineer:
Meridian Engineering, LLC
Landscape Architect:
Craig Reynolds, RLA

SUBMITTIONS:
July 26, 2012 - Civil Submittal #1
August 16, 2012 - Landscape Submittal #2
September 20, 2012 - Final Plans
October 10, 2012 - Final Submittal
January 4, 2012 - ITR Application
January 16, 2012 - Revised Submittal
January 22, 2012 - Revised Submittal
June 5, 2012 - Civil Review Submittal
July 26, 2012 - Civil Review Submittal
August 17, 2012 - 100% Construction Documents

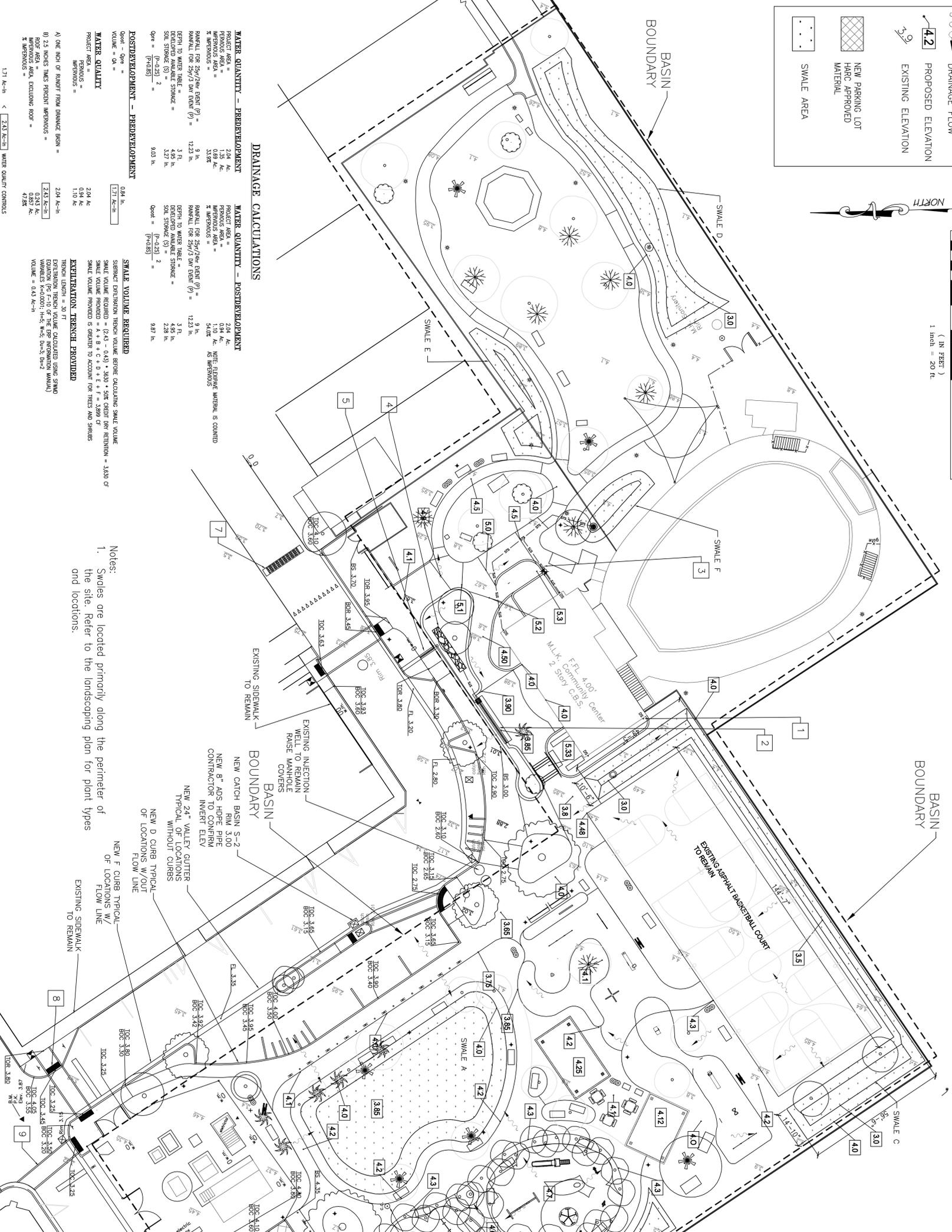
NELSON ENGLISH / WILLIE WARD
PARK ENHANCEMENT PROJECT
CITY OF KEY WEST
300 Catherine Street, Key West, Florida 33040

PLOTTED: 8/19/2012 12:30 PM
Drawing Size | Project #: 2x36 | MK-11035
Drawn By: Checked By: MWS
Title: SITE DEMOLITION PLAN

Sheet Number:
AD1.1.1
Date: August 17, 2012
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- KEY NOTES:**
1. DOWNSPOUTS ON WEST SIDE OF BUILDING DISCHARGE TO SWALE C
 2. NEW ACO K100S TRENCH GRATE 20 LF W/ DI GRATE; DISCHARGED TO TYPE 630 ACO CATCH BASIN WITH 1/2 HP DEDICATED SUMP PUMP; IN ADDITION TO EXFILTRATION TRENCH; FLOAT SWITCH TRIP SET AT ELEV 3.0 FT
 3. NEW 8" STORM PIPE FROM DOWNSPOUTS TO ADS CATCH BASIN IN SWALE F; INSTALL CLEANOUTS AT ALL TURNS
 4. EXFILTRATION TRENCH 20'x3'x3'D 6" PVC DISCHARGE PIPE TO 8" PERFORATED PIPE IN TRENCH INVERT ELEV 2.5 FT
 5. ACO CROSS SIDEWALK DRAIN; SUMP PUMP 1.5" DISCHARGE PIPE INTO 6" PVC PIPE THAT ENTER CROSS SIDEWALK DRAIN
 6. PARKING LOT
 NOTE: PARKING LOT SURFACE MATERIAL TO BE COMPLIANT WITH KW CODE SEC. 108-611 AND APPROVED BY HARC
 7. RUBBER MODULAR SPEED HUMP 2.1" TALL X 35.5" ACROSS X 17'-10.5" LONG W/ END CAPS
 8. NEW CROSSWALK: (2) ADA PAVERS, 6" STRIPING, STOP BAR, STOP SIGN AND (2) DO NOT ENTER SIGNS
 9. NEW CROSSWALK: (1) ADA PAVERS, 6" STRIPING, STOP BAR, STOP SIGN AND (1) DO NOT ENTER SIGN



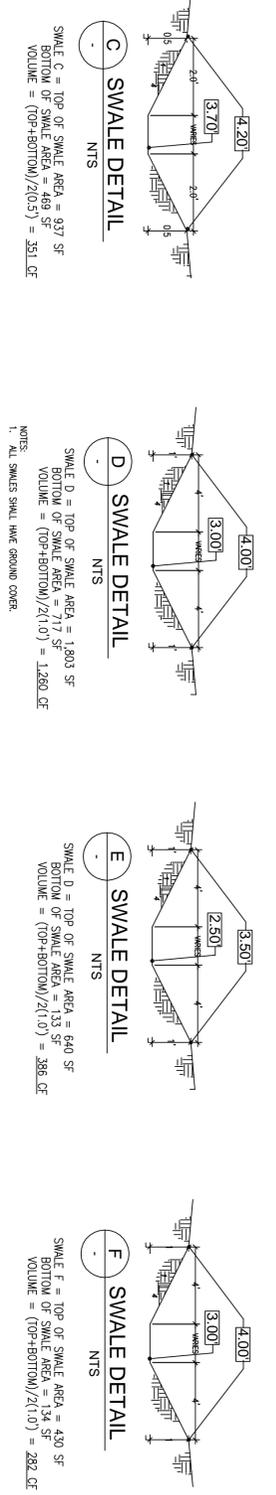
DRAINAGE CALCULATIONS

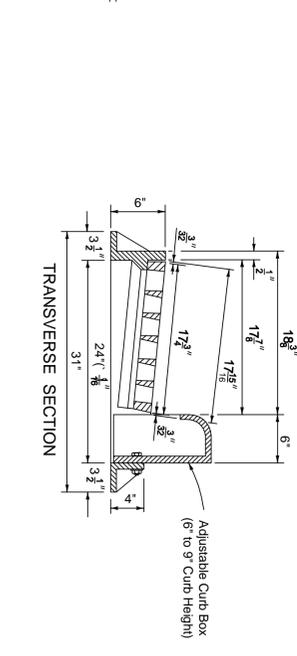
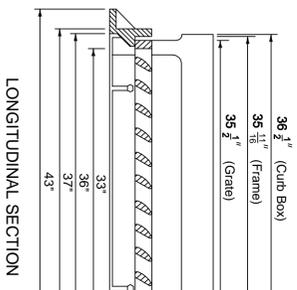
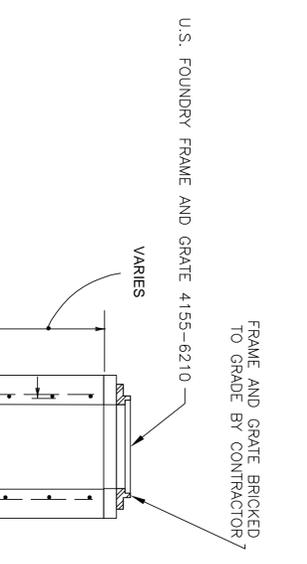
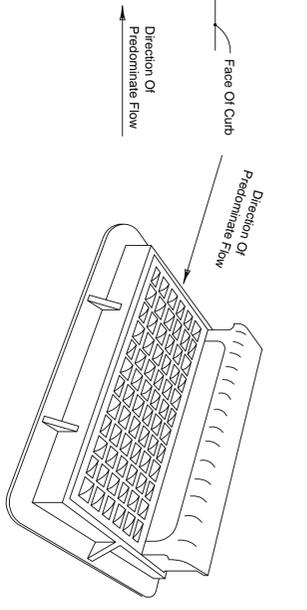
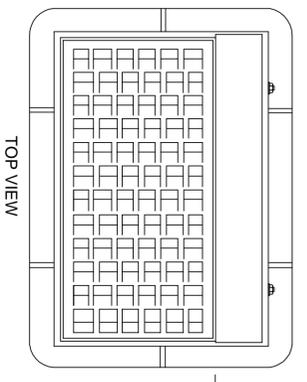
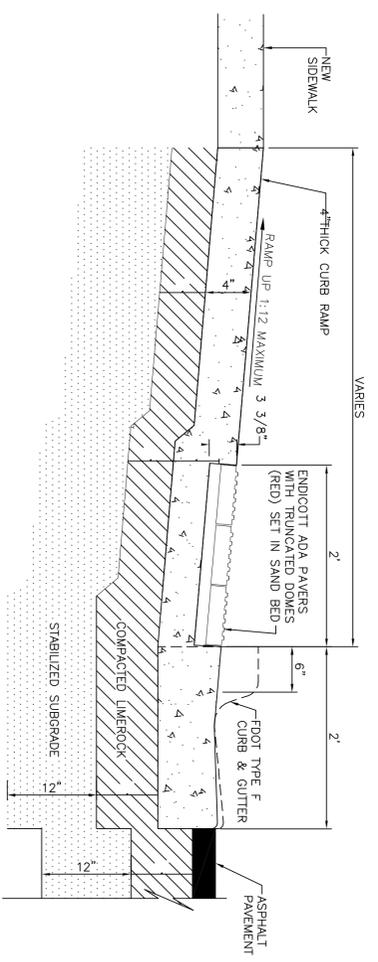
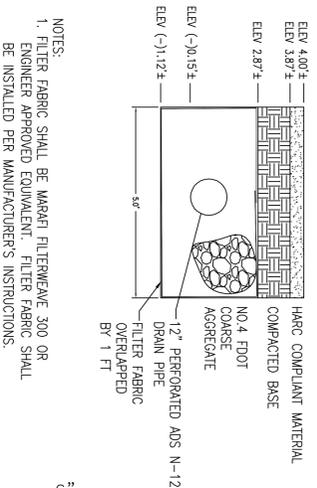
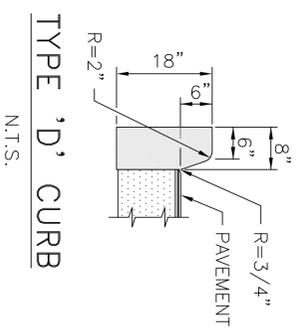
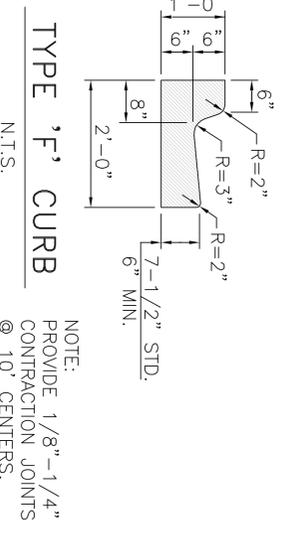
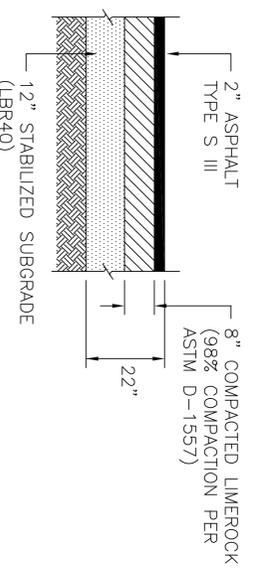
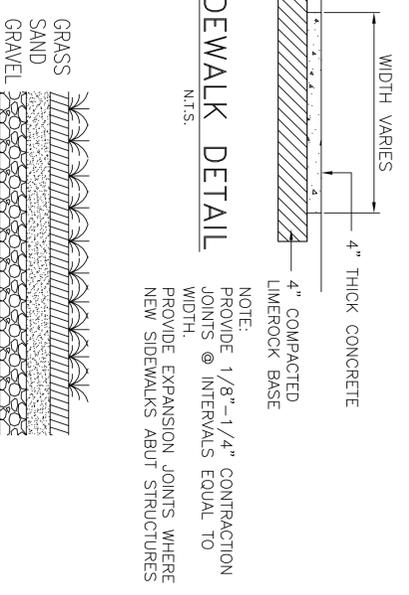
WATER QUANTITY - PREDEVELOPMENT		WATER QUANTITY - POSTDEVELOPMENT	
PROJECT AREA =	2.04 Ac	PROJECT AREA =	2.04 Ac
PERVIOUS AREA =	1.35 Ac	PERVIOUS AREA =	0.94 Ac
% IMPERVIOUS =	33.9%	% IMPERVIOUS =	54.0%
RAINFALL FOR 25y/24h EVENT (P) =	9 in.	RAINFALL FOR 25y/24h EVENT (P) =	9 in.
DEPTH TO WATER TABLE =	12.23 in.	DEPTH TO WATER TABLE =	12.23 in.
DEVELOPED AVAILABLE STORAGE =	3.1 ft.	DEVELOPED AVAILABLE STORAGE =	3.1 ft.
SOIL STORAGE (S) =	4.95 in.	SOIL STORAGE (S) =	4.95 in.
Q _{peak} = (P-(0.2S)) / 2	9.03 in.	Q _{peak} = (P-(0.2S)) / 2	9.87 in.

POSTDEVELOPMENT - PREDEVELOPMENT		SWALE VOLUME REQUIRED	
Depth - Q _{peak} =	0.94 in.	SUBTRACT EXISTING TRENCH VOLUME BEFORE CALCULATING SWALE VOLUME	
VOLUME = Q _{peak} x	1.77 Ac-in	SWALE VOLUME REQUIRED = (2.43 - 0.43) x 30.0 x 30.0 x 0.26 RETENTION = 3,830 CF	

WATER QUALITY		EXFILTRATION TRENCH PROVIDED	
PROJECT AREA =	2.04 Ac	TRENCH LENGTH = 30 FT	
PERVIOUS AREA =	0.94 Ac	PERVIOUS AREA = 1.10 Ac	
% IMPERVIOUS =	54.0%	PERVIOUS AREA EXCLUDING ROOF =	4.73%

Notes:
 1. Swales are located primarily along the perimeter of the site. Refer to the landscaping plan for plant types and locations.

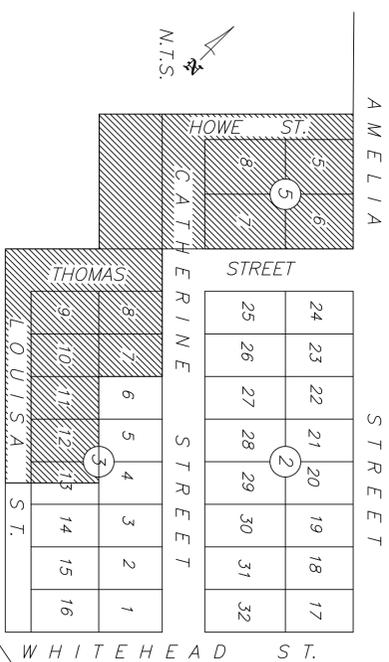




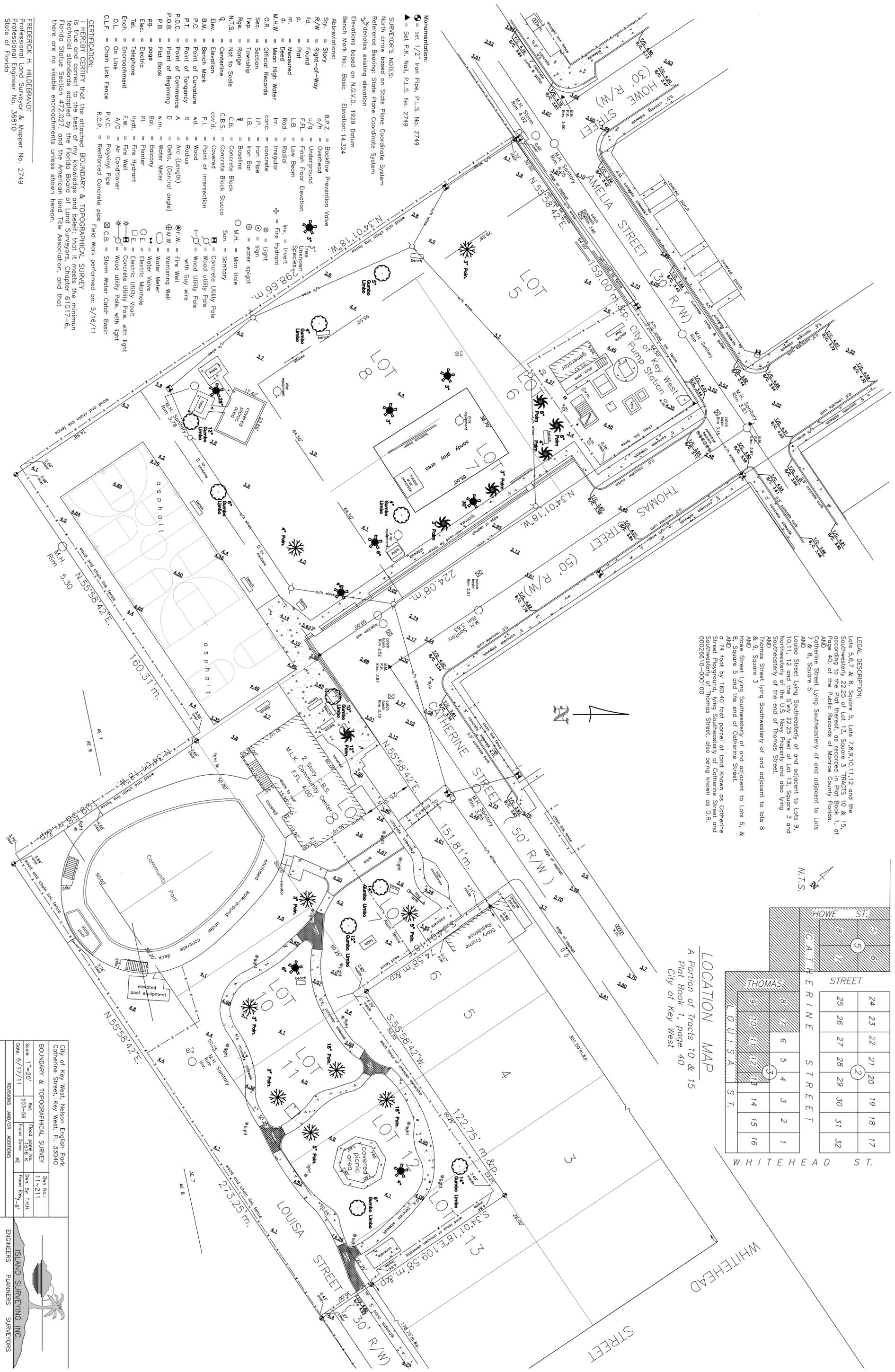
- TRAFFIC STRIPING SPECIFICATION**
1. PAVEMENT TRAFFIC STRIPES AND MARKINGS SHALL BE A COMPOSED ONLY OF THERMOPLASTIC MATERIALS LISTED ON THE FDOT QUALIFIED PRODUCTS LIST (QPL). ALL STRIPING SHALL CONFORM TO SECTION 711 AND SECTIONS 971-5 THROUGH 971-7 OF THE FDOT 2007 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 2. PRIOR TO APPLICATION OF THERMOPLASTIC STRIPING, THE SURFACE SHALL BE CLEANED OF ALL DUST AND DEBRIS TO INSURE PROPER BONDING.
 3. WHEN NEW LAYOUTS ARE NECESSARY, PAVEMENT MARKINGS SHALL BE ACCURATELY MEASURED AND MARKED.

- NOTES:**
1. CONCRETE SHALL BE 4000 PSI AT 28 DAYS, TYPE II CEMENT
 2. FRAME AND GRATE BRICKED TO GRADE BY CONTRACTOR.
 3. BOTTOM INLETS SHALL BE USP PRODUCT NO. 3-30 OR EQUAL.
 4. STRUCTURES TO BE SET ON COARSE AGGREGATE BEDDING
- TYPE C CURB INLET**
 G.E. = 3.60
 INV. = (-)0.15 (15" PIPE)
- TYPE C CURB INLET**
 G.E. = 3.00
 INV. = 0.33 (8" PIPE)
- NOTES:**
1. STORM PIPE SHALL BE ADS N-12 ST18 OR ENGINEER APPROVED EQUAL.
 2. STORM PIPE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
 3. TYPE C CATCH BASIN SHALL BE US PRECAST PRODUCT NO. USP 3-30 AND US FOUNDRY GRATE 4160-6212 OR ENGINEER APPROVED EQUAL.
 4. TYPE C CATCH BASIN GRATE SHALL BE USF 4155-6210 OR ENGINEER APPROVED EQUIVALENT
 5. TYPE C CURB INLET GRATE SHALL BE USF 5130-6168 OR ENGINEER APPROVED EQUIVALENT.

LEGAL DESCRIPTION:
 Lots 5, 6, 7 & 8, Square 5, Lots 7, 8, 9, 10, 11, 12 and the Southwesterly 22.25 feet of Lot 13, Square 3 "TRACTS 10 & 15," according to the Plat thereof, as recorded in Plat Book 1, at Page 40, of the Public Records of Monroe County Florida, AND Catherine Street lying Southeastly of and adjacent to Lots 7 & 8, Square 5, AND Also Street lying Southwesterly of and adjacent to Lots 9, 10, 11, 12 and the S.W. 22.25 feet of Lot 13, Square 3 and Northwesterly of the U.S. Navy Property and also lying Southwesterly of the end of Thomas Street, AND Thomas Street lying Southwesterly of and adjacent to lots 8 & 9, Square 3 AND Square 5 and the end of Catherine Street, AND Square 5 and the end of Catherine Street, a 74 foot by 160.40 foot parcel of land known as Catherine Street Playground, lying Southeastly of Catherine Street and Southwesterly of Thomas Street, also being known as O.R. 00026610-000100



LOCATION MAP
 A Portion of Tracts 10 & 15
 Plat Book 1, page 40
 City of Key West



MONUMENTATION:
 ● = set 1/2" Iron Pipe, P.L.S. No. 2749
 ▲ = Set P.K. Nail, P.L.S. No. 2749

SURVEYOR'S NOTES:
 North arrow based on State Plane Coordinate System
 Reference Bearing: State Plane Coordinate System
 * denotes existing elevation
 † denotes existing elevation
 Elevations based on N.G.V.D., 1929 Datum
 Bench Mark No.: Basic Elevation: 14.324

ABBREVIATIONS:
 S.V. = Story
 R/W = Right-of-Way
 fd. = Found
 p. = Plat
 m. = Measured
 d. = Dead
 M.H.W. = Mean High Water
 O.R. = Official Records
 Sec. = Section
 Twp. = Township
 Rge. = Range
 N.T.S. = Not to Scale

Abbreviations:
 B.P.Z. = Backflow Prevention Valve
 u/g = Underground
 F.F.L. = Finish Floor Elevation
 L.B. = Low Beam
 Rad. = Radial
 Irr. = Irrigator
 conc. = concrete
 I.P. = Iron Pipe
 I.B. = Iron Bar
 B. = Baseline
 C.B. = Concrete Block
 Sen. = Sanitary
 M.H. = Man Hole
 cov'd. = Covered
 P.I. = Point of Intersection
 wd. = Wood
 R. = Radius
 P.O.C. = Point of Commence
 A = Arc (length)
 D = Delta (Central angle)
 P.B. = Plat Book
 p. = page
 Elec. = Electric
 Tel. = Telephone
 Ench. = Encroachment
 O.L. = On Line
 C.L.F. = Chain Link Fence

Abbreviations:
 C.B.S. = Concrete Block Surco
 cov'd. = Covered
 P.I. = Point of Intersection
 wd. = Wood
 R. = Radius
 P.O.C. = Point of Commence
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 O.L. = On Line
 C.L.F. = Chain Link Fence

CERTIFICATION:
 I HEREBY CERTIFY that the attached BOUNDARY & TOPOGRAPHICAL SURVEY is true and correct to the best of my knowledge and belief; that it meets the minimum technical standards adopted by the Florida Board of Land Surveyors, Chapter 61G17-6, Florida Statute Section 472.027, and the American Land Title Association, and that there are no visible encroachments unless shown hereon.

FREDERICK H. HILDEBRANDT
 Professional Land Surveyor & Mapper No. 2749
 Professional Engineer No. 36810
 State of Florida

ISLAND SURVEYING INC.
 ENGINEERS PLANNERS SURVEYORS
 3152 Norland Drive
 Suite 207
 Key West, FL 33040
 (305) 293-0466
 Fax: (305) 293-0237
 Email: info@islandsurveying.com
 L.B. No. 7700

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL & SIGNATURE