

INDEX OF PLANS

SHEET #	SHEET DESCRIPTION
C-1	Cover Sheet
C-2	Aerial Exhibit
C-3	General Notes
C-4	Stormwater Pollution Prevention Plan
C-5	Demolition Plan
C-6	Site/Horizontal Control Plan
C-7	Paving, Grading, Drainage Plan And Utility Plan
C-8	Erosion Control Details
C-9	Site Details
C-10	Paving, Grading, and Drainage Details
C-11	Utility Details
L-1	Landscape Plan
L-2	Landscape Notes
L-3	Landscape Details
SV-1	Survey (By Others)
SV-2	Survey (By Others)

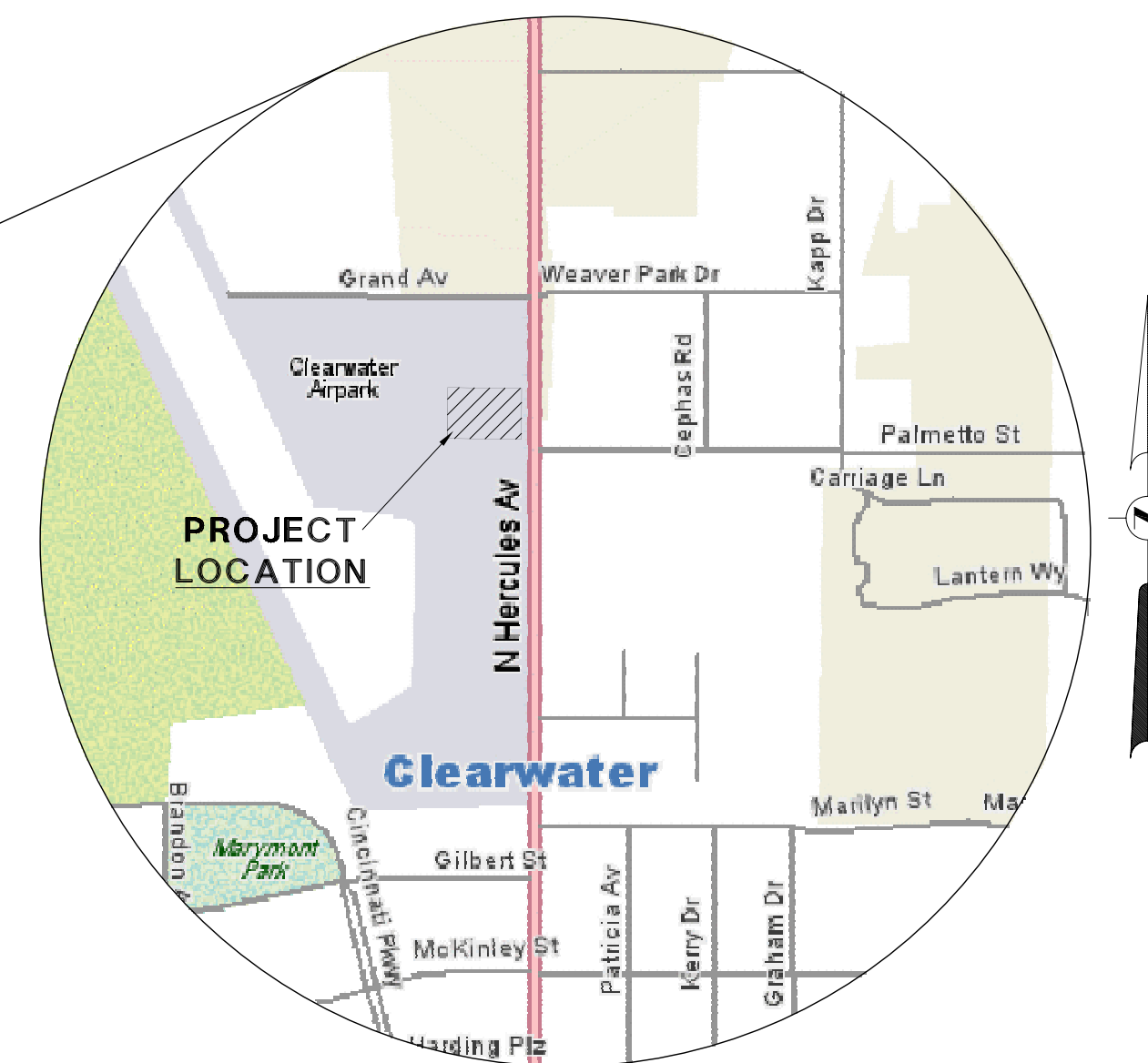
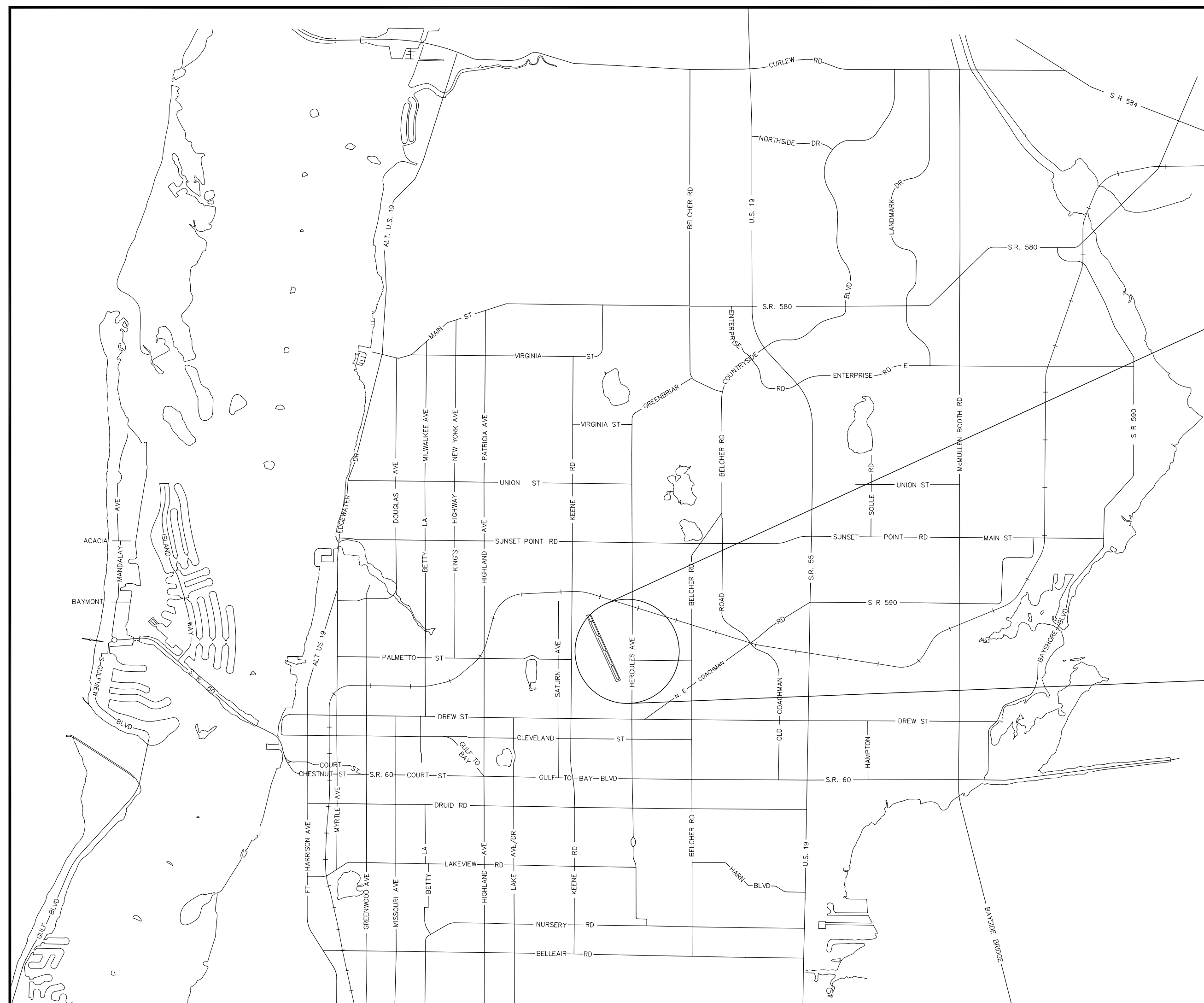
CITY OF **Clearwater**
 Engineering Department
 100 S. Myrtle Avenue, Clearwater, Florida 33756



CLEARWATER NATURAL GAS

Sect 12, Twn 29S, Rng 15E

Project No. ST106548



CITY OFFICIALS

Frank Hibbard	Mayor	Seat 1
John Doran	Vice-Mayor	Seat 2
George N. Cretekos	Councilmember	Seat 3
Bill Johnson	Councilmember	Seat 4
Paul F. Gibson	Councilmember	Seat 5
William B. Horne II	City Manager	

Michael D. Quillen, P.E.
 City Engineer

Approved By _____
CITY ENGINEER MICHAEL D. QUILLEN, P.E. #33721

Date Approved _____

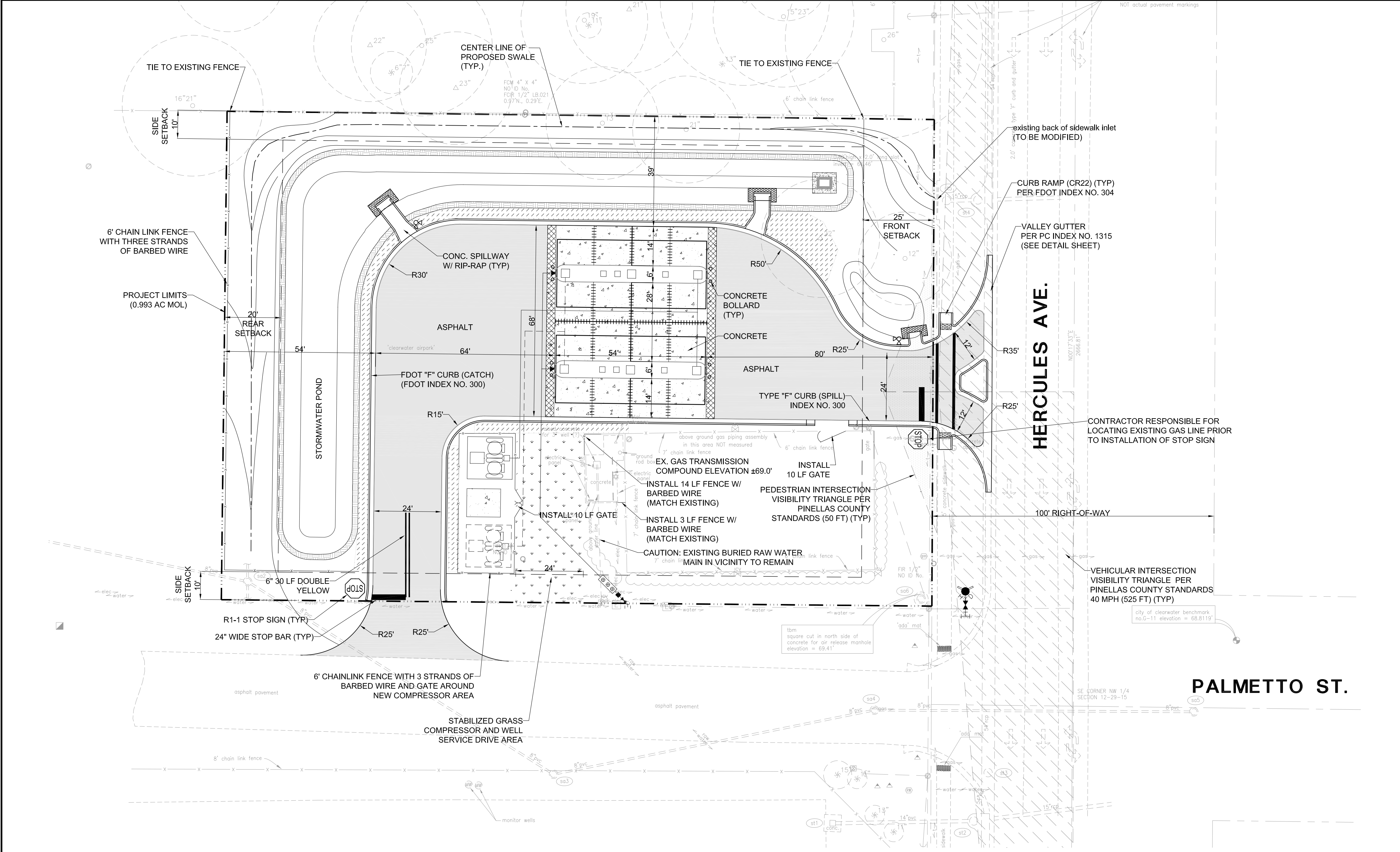
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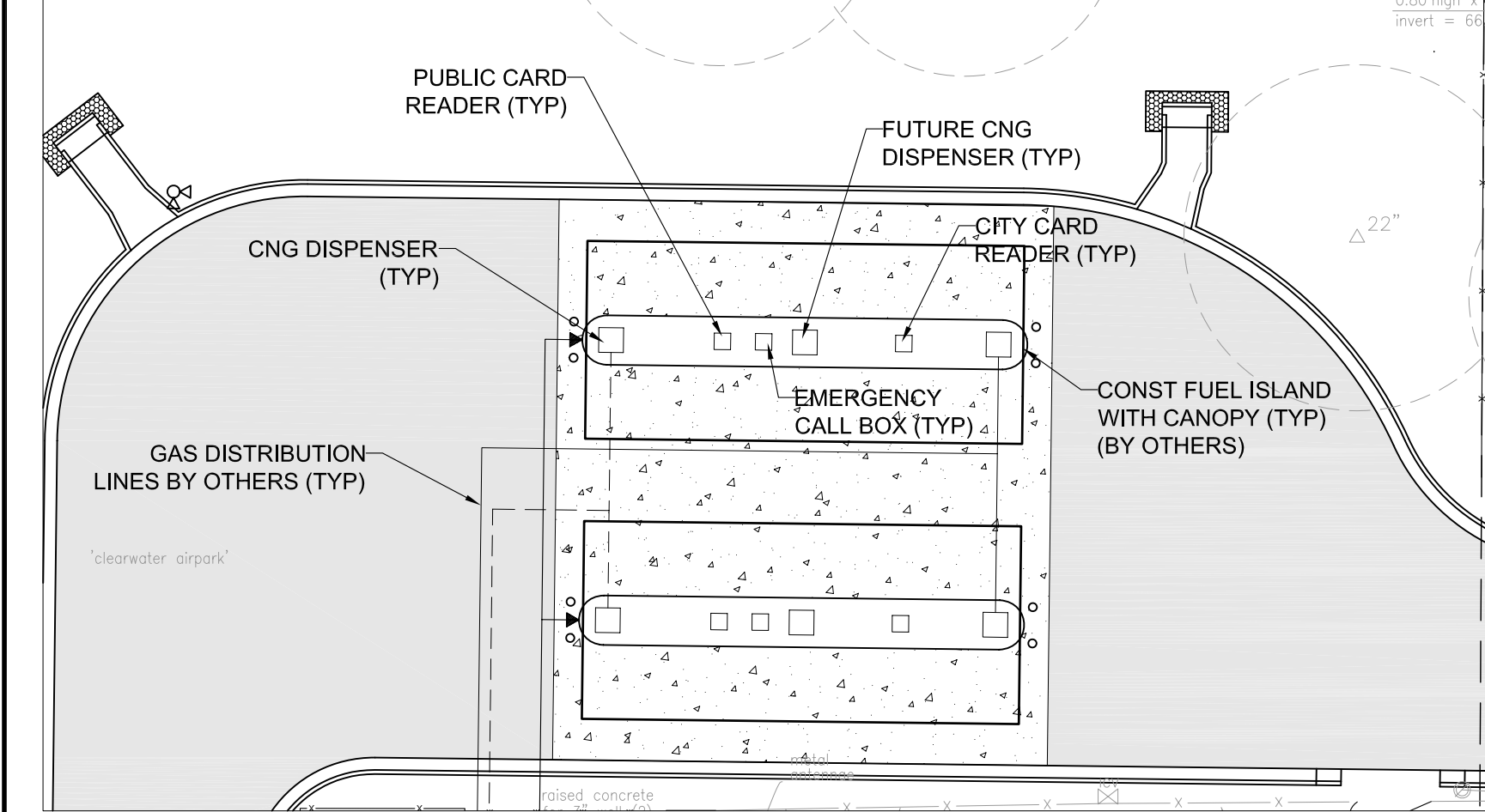
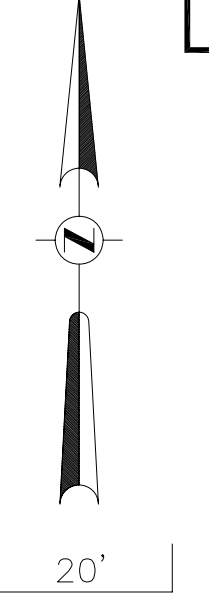
THOMAS F. BURKE, P.E. 58566 DATE

DATE: 08/2010

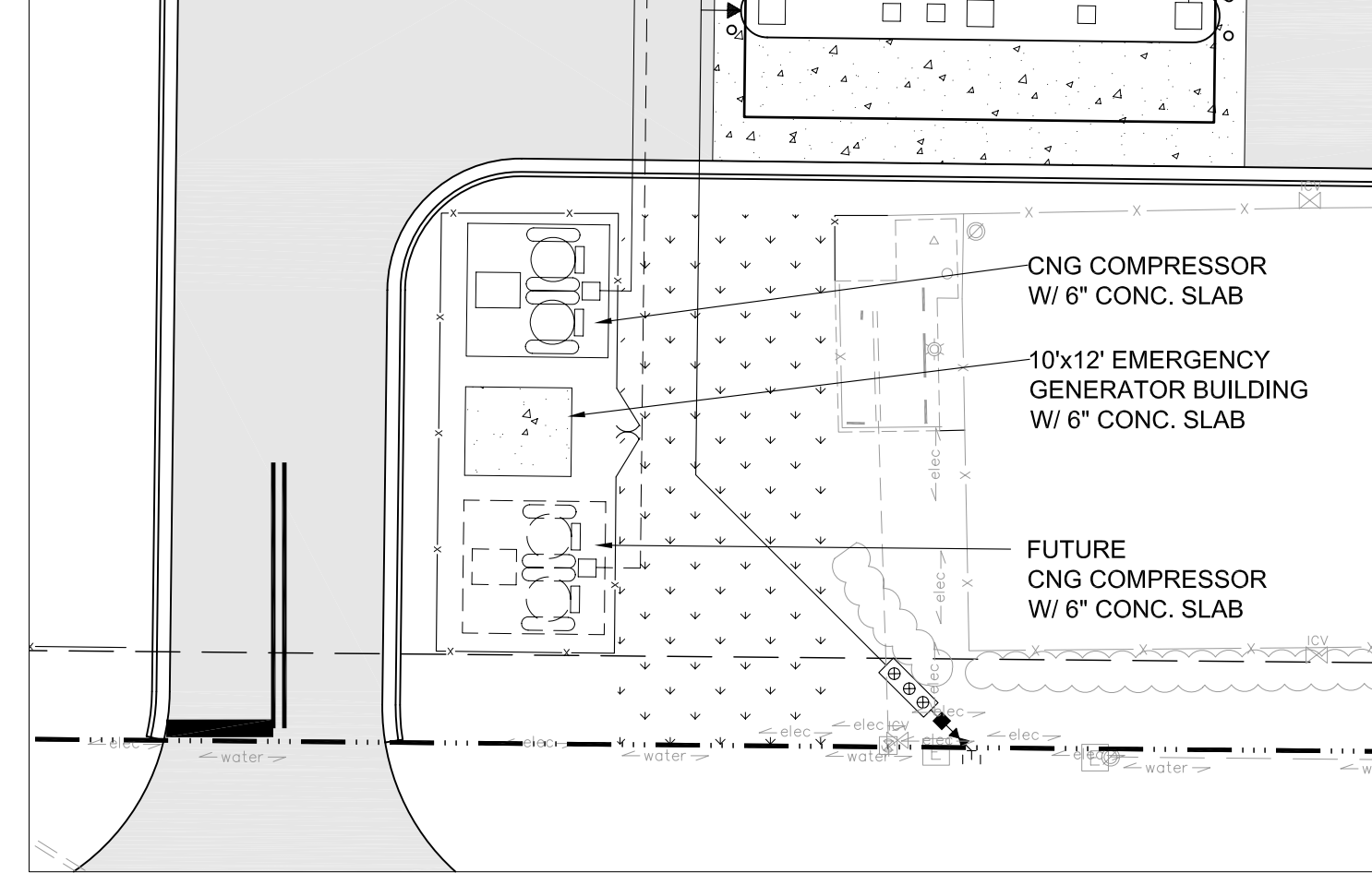
90% DESIGN PLANS
 Plan Set No. 00083172.00



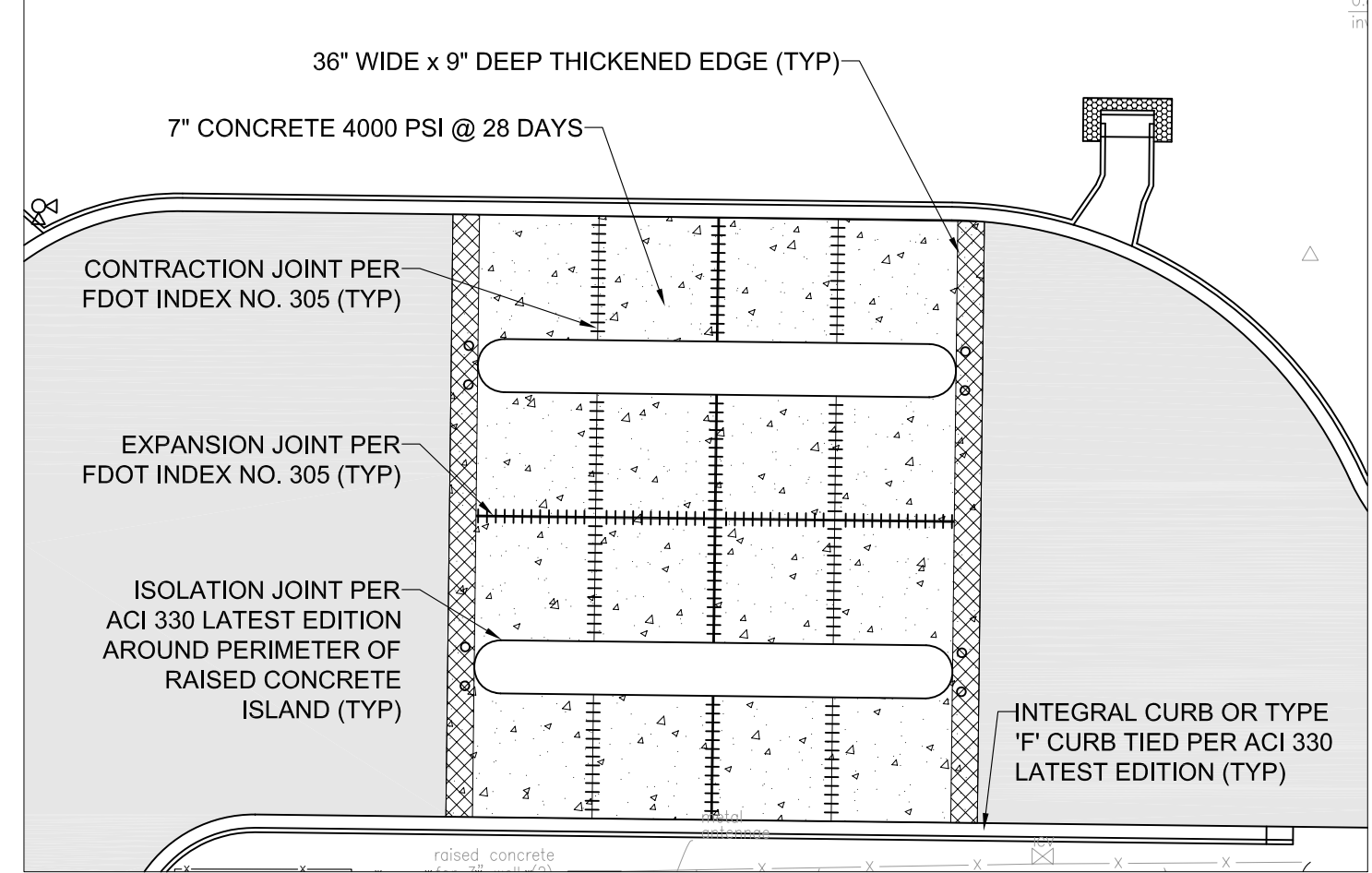
Item	Existing	Proposed	Code
Use	Governmental Use	Governmental Use	Governmental Use
FLUP	TU	TU	TU
Zoning - Sec. 2-1201	I	I	I
Area (acres/sq.ft.) - Sec. 2-1202	N/A	0.993	43,533.49
Lot Width (ft) - Sec. 2-1202	N/A	173	100
Lot Depth (ft) - Sec. 2-1202	N/A	250	N/A
Density - Sec. 2-1201.1	0	0	12
GFA Total (sq.ft.)	0	0	0.64960442
FAR - Sec. 2-1201.1	N/A	0.00	0.65
Impervious Surface Area	0.0047	206.89	0.3106
ISR - Sec. 2-1201.1	N/A	0.31	0.85
Vehicular Use Area (sq.ft.)	N/A	14,387.00	N/A
% LS of VUA - Sec. 3-1202.E	N/A	13.71%	1.973
10.00%	1.439		
Parking - Sec. 3-1402	0	0	0
Dimensions (90-degree)	Length	Width	Length
Handicap Spaces - Sec. 3-1409	--	--	0
Loading Space - Sec. 3-1406	--	--	0
No. Floors	N/A	0	N/A
Height (feet) - Sec. 2-1202	N/A	20	50
Setback Min. (feet) - Sec. 2-1202	Front	East	45
	Side	North	37
	Side	South	15
	Rear	West	50
Landscape Buffer (feet): Sec. 3-1202.D	Front	East	25
	Side	North	5
	Side	South	5
	Rear	West	5
Address:	TBD		
Folio:	N/A		
PIN:	12-29-15-55836-002-0001, 12-29-15-55836-001-0005, 12-29-15-55836-001-0013		
Legal:	MARYMONT BLKS 1 THRU 19 REP S 75FT OF TRACT "B", MARYMONT BLKS 1 THRU 19 REP THAT PART OF TRACT "A" DESC FROM SW COR OF GRAND AVE & HERCULES AVE TH S 395FT ALG W R/W OF HERCULES AVE FOR POB TH W 69FT TH S 60FT TH E 69FT TH N 60FT TO POB, MARYMONT BLKS 1 T		
Flood Zone	THIS PROPERTY LIES WITHIN FLOOD ZONE "X" AS DEPICTED ON FEMA FLOOD INSURANCE RATE MAP NO. 12103C0107H, PANEL 0107 OF 0327, DATED May 17, 2005.		
Hurricane Evacuation Zone	Non-evacuation		
Special Area Plan	No		
Historic/Archeological	No		
In USA	Yes		
Protected Wellhead	No		
Adjacency to Water Plant	No		
Adjacency to Waste Water Plant	No		
Adjacency to Landfill	No		
Wetlands/Environmentally Sensitive	No		
Contamination present	No		
Owner/Developer	CITY OF CLEARWATER		
Utilities	Water	WATER WILL BE PROVIDED BY CITY OF CLEARWATER UTILITIES DEPARTMENT (727) 562-4600	
	Sewer	SEWER WILL BE PROVIDED BY CITY OF CLEARWATER UTILITIES DEPARTMENT (727) 562-4600	
	Electric	PROGRESS ENERGY 2166 PALMETTO STREET CLEARWATER, FL 33765 (727) 562-5656	
	Phone	VERIZON FLORIDA, INC. 1280 EAST CLEVELAND STREET CLEARWATER, FL (727) 562-1132	
	Gas	CLEARWATER GAS SYSTEM 400 NORTH MYRTLE AVENUE CLEARWATER, FL 33755 (727) 562-4900	
	Cable	BRIGHT HOUSE 11500 9TH STREET NORTH ST. PETERSBURG, FL 33716 (727) 803-5059	
Construction Type	N/A		



DETAIL OF CANOPY STRUCTURE



DETAIL OF GENERATOR AND COMPRESSOR AREA



DETAIL OF CONCRETE JOINT LAYOUT

LEGEND

TYP	TYPICAL	---	CENTER LINE
H/C	HANDICAP	---	RIGHT-OF-WAY
R	RADIUS	---	EXISTING EDGE OF PAVEMENT
R/W	RIGHT-OF-WAY	---	PROPOSED ASPHALT PAVEMENT
U.S.DOT-MUTCD	U.S. DEPT. OF TRANS. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	---	PROPOSED CONCRETE SIDEWALK
→	TRAFFIC FLOW (PAINTED MARKINGS)	---	PROPOSED CONCRETE PAVEMENT
---	PROPOSED CURB	---	INTERIOR LANDSCAPE AREA
---	PROJECT LIMITS	---	CURB RAMP DETECTABLE WARNING (PER FDOT INDEX NO. 304)

Cardno TBE
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759
 www.cardnotbe.com - 727.531.3505
 Certificate of Authorization No. 3843

THOMAS F. BURKE, PE DATE LIC. NO.: 58566

RECORD DRAWINGS

SURVEYED BY	DRAWN BY
REVIEWED BY	DATE
PROJECT ENGINEER	
APPROVED BY	DATE
CITY ENGINEER MICHAEL D. QUILLEN, P.E. # 33721	

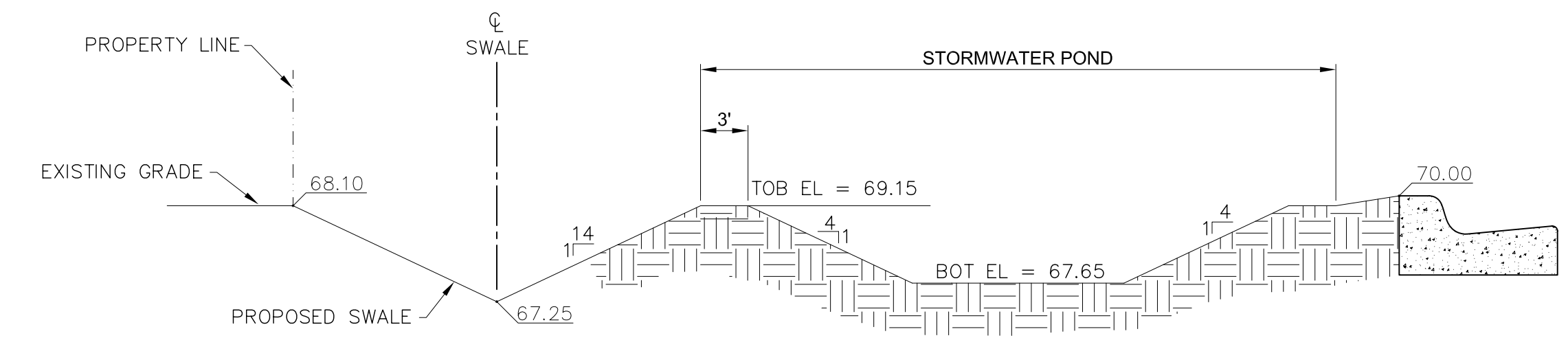
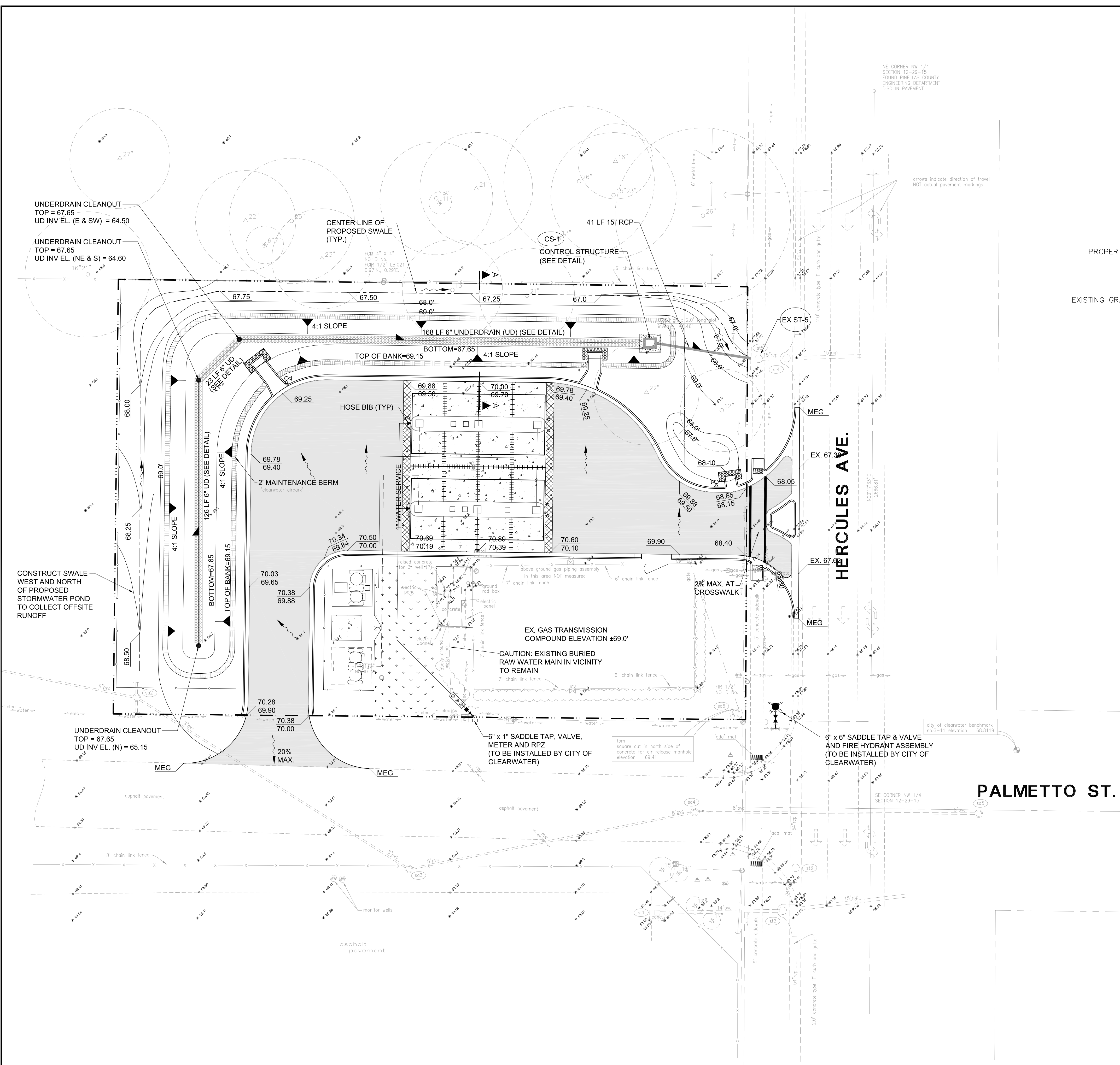
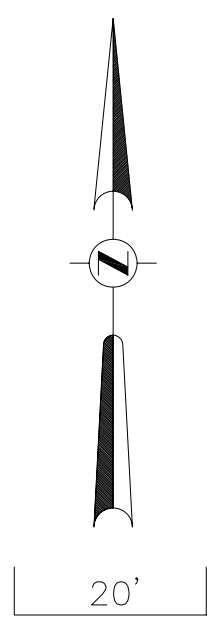
CITY OF CLEARWATER, FLORIDA
 ENGINEERING DEPARTMENT
 100 S. Myrtle Ave.
 Clearwater, FL 33756

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 SUNSHINE STATE ONE CALL
 call@sunshine.com
 OR TOLL FREE 1-800-432-4770
 MIN. 48 HOURS BEFORE YOU EXCAVATE

SITE/HORIZONTAL CONTROL PLAN

DRAWN BY	DESIGNED BY	CHECKED BY	CONTRACT NO.
JDP	TFB	BLZ	ST106548
SCALE	SURVEYED BY	BOOK NO.	JOB NO.
VERT. N/A			0008317200
HORIZ. SEE SHEET	DATE DRAWN	DWG NAME	SHEET NO.
	08/2010		C-6

APPROVED FOR CONSTRUCTION
 CITY ENGINEER MICHAEL D. QUILLEN, P.E. # 33721 DATE



CROSS SECTION A-A

STORM STRUCTURE DATA

CS-1 CONTROL STRUCTURE TYPE "C" (MODIFIED)
DOT INDEX NO. 201, 232
TOP STRUCTURE / GRATE EL. = 68.25
TOP OF SKIMMER EL. = 68.50
15" RCP IE (EAST) = 64.00
6" UD IE (WEST) = 64.20
SEE DETAIL SHEET

EX ST-5
rim el. = 67.83
ie east = 63.49 (15" rcp) (existing)
15" RCP IE (WEST) = 63.50 (PROPOSED)

LEGEND

- EL ELEVATION
TYP TYPICAL
LF LINEAR FEET
IE INVERT ELEVATION
EX EXISTING ELEVATION
PROPOSED PAVEMENT ELEVATION
PROPOSED TOP OF CURB ELEVATION
PROPOSED PAVEMENT ELEVATION
CATCH
SPILL
GRATE INLET / CONTROL STRUCTURE
PROPOSED SURFACE STORMWATER FLOW
DIRECTION OF STORMWATER FLOW
PROPOSED STORM SEWER
FINISH FLOOR ELEVATION
RCP REINFORCED CONCRETE PIPE
ST-1 STORM SEWER STRUCTURE NUMBER
EROSION CONTROL
HIGH POINT
G.E. GRADE ELEVATION
TOB TOP OF BANK
TOS TOE OF SLOPE
RTV REQUIRED TREATMENT VOLUME
DHW DESIGN HIGH WATER
SHGWT SEASONAL HIGH GROUNDWATER TABLE
UD UNDERDRAIN SYSTEM
EX EXISTING
INV INVERT

Cardno TBE logo and contact information: 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759. Thomas F. Burke, PE DATE LIC. NO.: 58566

RECORD DRAWINGS table with columns for SURVEYED BY, DRAWN BY, REVIEWED BY, PROJECT ENGINEER, DATE, APPROVED BY, CITY ENGINEER MICHAEL D. QUILLEN, P.E. # 33721, DATE, REVISION, BY, DATE.

CITY OF CLEARWATER, FLORIDA ENGINEERING DEPARTMENT logo and address: 100 S. Myrtle Ave. Clearwater, FL 33756

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PAVING, GRADING, DRAINAGE PLAN AND UTILITY PLAN

Table with columns: DRAWN BY (JDP), DESIGNED BY (TFB), CHECKED BY (BLZ), CONTRACT NO. (ST106548), SCALE (VERT. N/A), SURVEYED BY, BOOK NO., JOB NO. (0008317200), DATE DRAWN (08/2010), DWG NAME, SHEET NO. (C-7), APPROVED FOR CONSTRUCTION, CITY ENGINEER MICHAEL D. QUILLEN, P.E. # 33721, DATE.