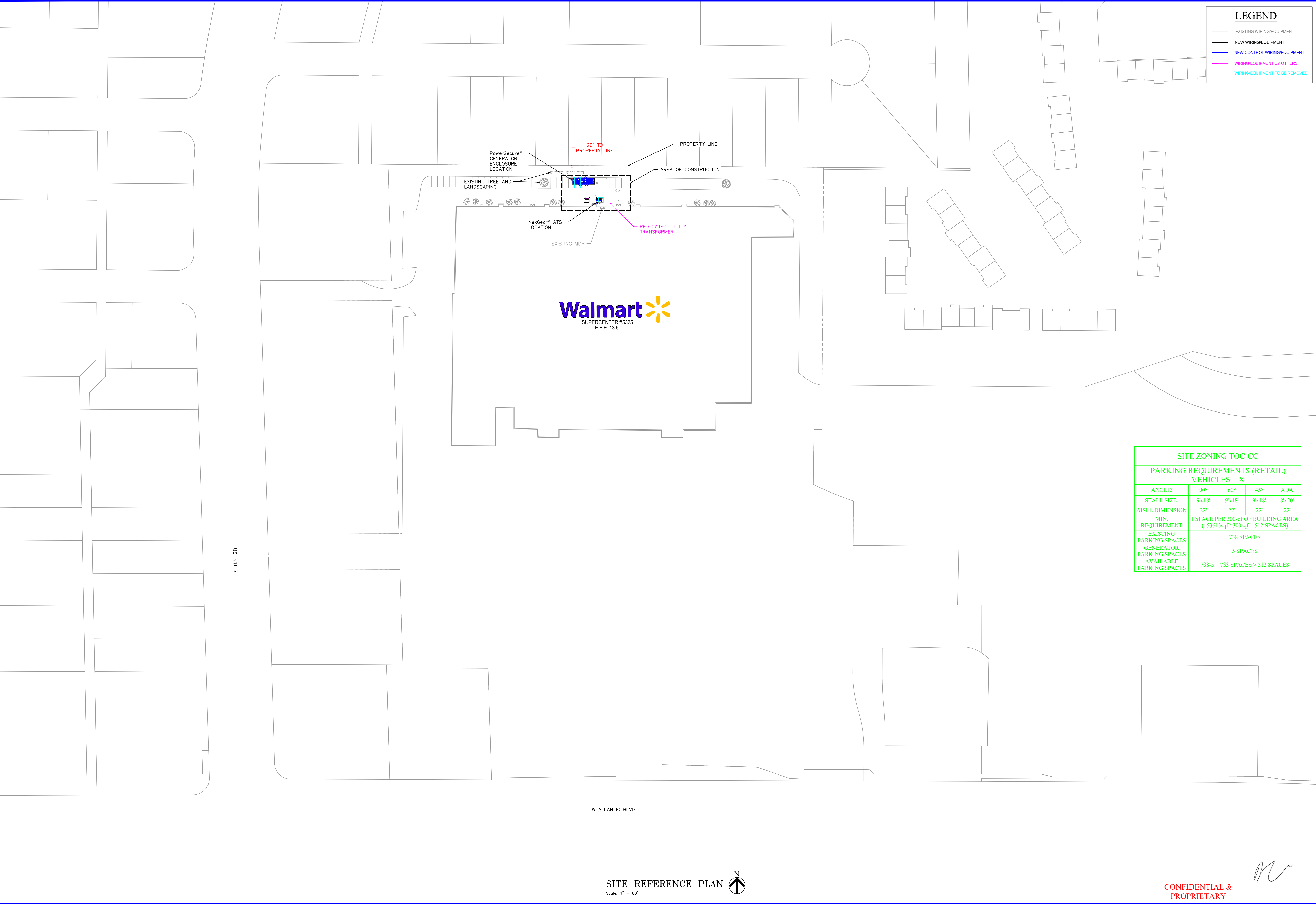


Red Date: 12/7/2017





Save money. Live better.



1000 Highway Commerce Ct
Walter Forest, NC 27587
1000 Highway Commerce Ct
Walter Forest, NC 27587
1000 Highway Commerce Ct
Walter Forest, NC 27587

REV.	DATE	DESCRIPTION

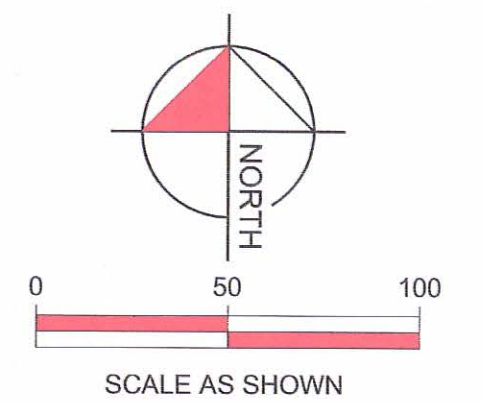
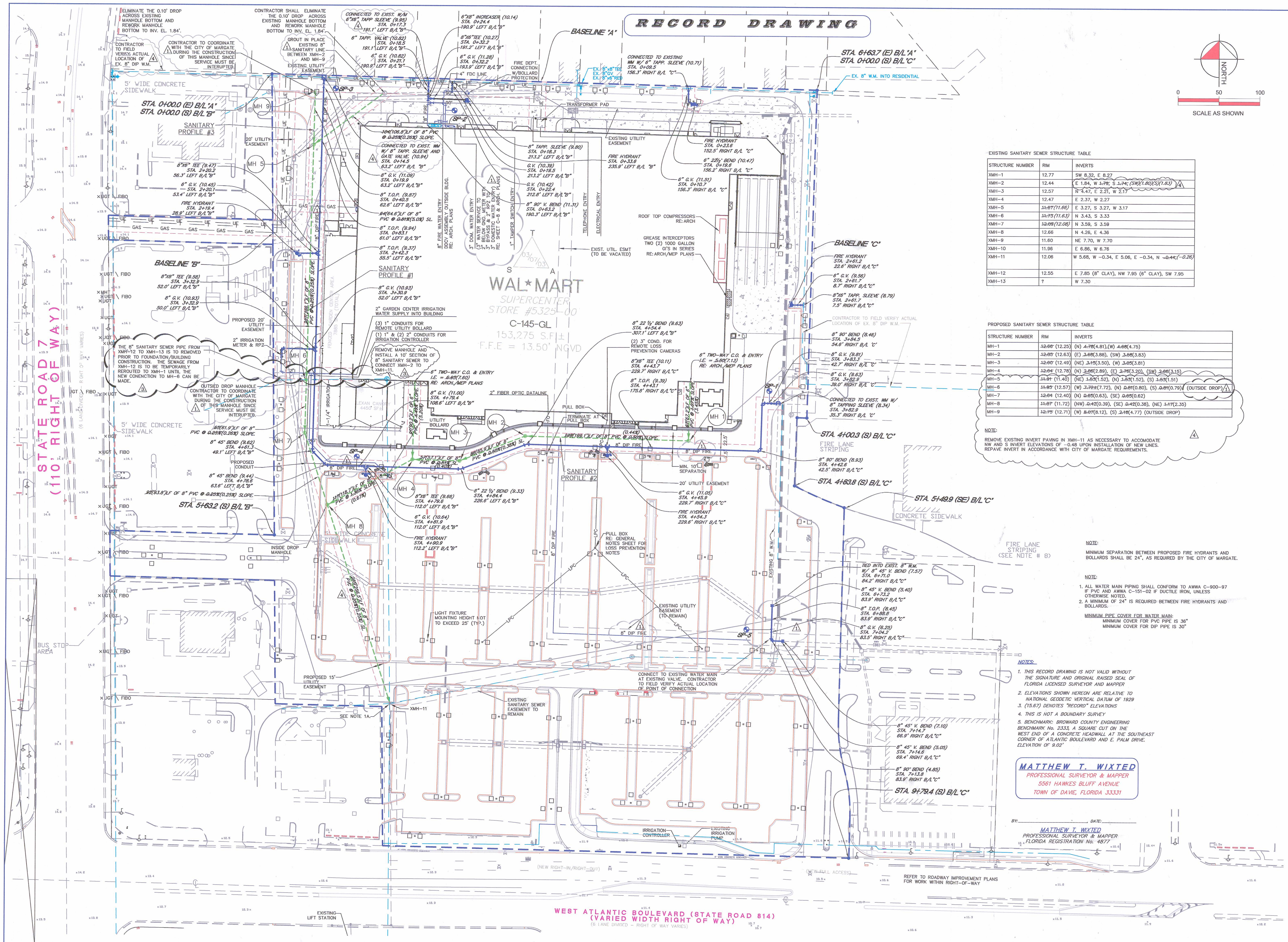
BY	DATE	BY	DATE
BMJH		BMF	

SITE REFERENCE PLAN

GENERATION SYSTEM
Walmart Store # 5325
5555 W Atlantic Blvd
Margate, FL 33063

DATE: April 5, 2017

SHEET: E3



EXISTING SANITARY SEWER STRUCTURE TABLE

STRUCTURE NUMBER	RIM	INVERTS
XMH-1	12.77	SW 8.32, E 8.27
XMH-2	12.44	E 1.84, W 4.78, S 1.74, (SW)(1.80)(S)(1.83)
XMH-3	12.57	N 4.47, E 2.21, W 2.17
XMH-4	12.47	E 2.37, W 2.27
XMH-5	14.87(11.66)	E 3.27, S 3.27, W 3.17
XMH-6	14.75(11.63)	N 3.43, S 3.33
XMH-7	12.08(12.08)	N 3.59, S 3.59
XMH-8	12.66	N 4.26, E 4.36
XMH-9	11.60	NE 7.70, W 7.70
XMH-10	11.98	E 6.76, W 6.76
XMH-11	12.06	W 5.68, W -0.34, E 5.06, E -0.34, N -0.44, (-2.26)
XMH-12	12.55	E 7.85 (8" CLAY), NW 7.95 (8" CLAY), SW 7.95
XMH-13	?	W 7.30

PROPOSED SANITARY SEWER STRUCTURE TABLE

STRUCTURE NUMBER	RIM	INVERTS
MH-1	12.66(12.25)	(N) 4.78(4.81), (W) 4.68(4.75)
MH-2	12.65(12.63)	(E) 3.68(3.88), (SW) 3.68(3.83)
MH-3	12.60(12.48)	(NE) 3.45(3.50), (W) 3.05(3.81)
MH-4	12.64(12.78)	(N) 2.86(2.89), (E) 2.70(3.20), (SW) 2.66(3.15)
MH-5	14.81(11.40)	(NE) 1.85(1.52), (N) 1.85(1.52), (S) 1.85(1.51)
MH-6	14.85(12.57)	(W) 7.72(7.72), (N) 0.81(0.80), (S) 0.81(0.79) (OUTSIDE DROP)
MH-7	12.64(12.40)	(N) 0.65(0.63), (SE) 0.65(0.62)
MH-8	14.87(11.72)	(NW) 0.42(0.39), (SE) 0.42(0.38), (NE) 1.17(2.35)
MH-9	12.75(12.71)	(W) 8.07(8.12), (S) 2.18(4.77) (OUTSIDE DROP)

NOTE:
REMOVE EXISTING INVERT PAVING IN XMH-11 AS NECESSARY TO ACCOMMODATE NW AND S INVERT ELEVATIONS OF -1.48 UPON INSTALLATION OF NEW LINES. REPAVE INVERT IN ACCORDANCE WITH CITY OF MARGATE REQUIREMENTS.

NOTE:
MINIMUM SEPARATION BETWEEN PROPOSED FIRE HYDRANTS AND BOLLARDS SHALL BE 24", AS REQUIRED BY THE CITY OF MARGATE.

NOTE:
1. ALL WATER MAIN PIPING SHALL CONFORM TO AWWA C-900-97 IF PVC AND AWWA C-151-02 IF DUCTILE IRON, UNLESS OTHERWISE NOTED.
2. A MINIMUM OF 24" IS REQUIRED BETWEEN FIRE HYDRANTS AND BOLLARDS.
MINIMUM PIPE COVER FOR WATER MAIN:
MINIMUM COVER FOR PVC PIPE IS 36"
MINIMUM COVER FOR DIP PIPE IS 30"

MATTHEW T. WIXTED
PROFESSIONAL SURVEYOR & MAPPER
5561 HAWKES BLUFF AVENUE
TOWN OF DAVIE, FLORIDA 33331

BY: **MATTHEW T. WIXTED**
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA REGISTRATION NO. 4877

- NOTES:
- THIS RECORD DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF FLORIDA LICENSED SURVEYOR AND MAPPER
 - ELEVATIONS SHOWN HEREON ARE RELATIVE TO NATIONAL GEODETIC VERTICAL DATUM OF 1929
 - (15.67) DENOTES "RECORD" ELEVATIONS
 - THIS IS NOT A BOUNDARY SURVEY
 - BENCHMARK: BROWARD COUNTY ENGINEERING BENCHMARK NO. 2333, A SQUARE CUT ON THE WEST END OF A CONCRETE HEADWALL AT THE SOUTHEAST CORNER OF ATLANTIC BOULEVARD AND E. PALM DRIVE. ELEVATION OF 9.02'



Kimley-Horn and Associates, Inc.

Engineering
Planning
and
Environmental
Consultants
E.B. 696

Suite 400
601 21st Street
Vero Beach, Florida
32960
Phone: 772-562-7981
Fax: 772-562-9689

DAVID T. CORRIE, P.E.
FLORIDA P.E. NO. 49208
DATE:

DATE	BY	REVISION	MODIFICATIONS PER CITY COMMENTS
09/02/03	AW	1	REFER TO CDD #1
10/09/03	AW	2	REFER TO CDD #2
10/06/03	AW	3	REFER TO CDD #3
12/1/03	AW	4	REFER TO CDD #4

JOB NO.	DRAWN BY	CHECKED BY	APPROVED BY	DATE PRINTED	DATE ISSUED
0472523291	AW	AW	DTC	09/02/03	09/02/03

UTILITY PLAN

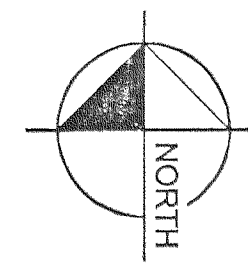
WALMART, MARGATE, FLORIDA
STORE NO. 5325-00, NEW SC (C-145-GL)
COURTILIS SITE

SCALE 1" = 50'
SHEET NO.

RECORD DRAWING

Call 48 Hours
before you dig
It's the Law!
1-800-432-4770

Sunshine State One Call of Florida, Inc.



SCALE AS SHOWN

WAL*MART
SUPERCENTER
STORE #5325-00
C-145-GL
153,275 S.F.±
F.F.E = 13.50' NGVD

DRAINAGE STRUCTURE SCHEDULE

STR. NO.	TYPE	GRATE/ RIM EL.	INV. EL.
D-1	TYPE E INLET	10.50(10.60)	6.00(6.20)(E)
D-2	TYPE E INLET	10.50(10.52)	6.00(5.98)(E) (6.00)(W)
D-2A	TYPE P-6 INLET	10.95	6.00(5.99)(E) (6.01)(W)
D-3	TYPE E INLET	10.50(10.49)	6.00(6.01)(E) (5.95)(W)
D-4	TYPE E INLET	10.50	6.00(5.99)
D-5	TYPE E INLET	10.50	6.70 6.00
D-5A	EXISTING TYPE J-7 MANHOLE	10.87	N 5.93, E 5.83, SW 6.57, S. 6.44 NW 6.00
D-5B	EXISTING TYPE P-7 MANHOLE	11.33	NE 6.59, SW 6.61
D-5C	EXISTING TYPE P-7 MANHOLE	12.33	NW 7.32, NE 7.33, SW 7.47
D-5D	TYPE P-7 MANHOLE	11.46	W 7.62, SE 7.68
D-6	TYPE E INLET	10.50	6.00
D-7	TYPE E INLET	10.50(10.49)	6.00 (W)(5.98)
D-8	TYPE E INLET	10.50(10.41)	6.00(5.99)(W) (6.02)(E)
D-9	TYPE E INLET	10.50(10.51)	6.00(5.99)(E) (5.97)(E)
D-10	TYPE E INLET	10.50(10.50)	6.00 (6.01)(E)
D-11	TYPE P-6 INLET	11.15(11.16)	6.00 (6.00)(N)
D-12	TYPE P-6 INLET	11.15(11.17)	6.00 (6.04)(S)
D-13	TYPE E INLET	11.25	6.00(N)(6.00) (S)(5.97)
D-14	TYPE E INLET	10.85	6.00(6.01)(S) (5.98)(NE)
D-15	TYPE P-7 MANHOLE	12.40(12.86)	6.00 (6.00)(E) (6.00)(W)
D-16	TYPE E INLET	11.80(11.96)	6.00 (6.00)(W) (5.94)(E)
D-17	EXISTING TYPE P-7 MANHOLE	12.26(12.94)	8.00
D-17A	EXISTING TYPE P-7 MANHOLE	12.63	SW 8.53, NE 8.59
D-18	CLEAN OUT	11.95	7.20
D-19	EXISTING TYPE J-7 MANHOLE	12.35(12.96)	W 6.59, N 6.04
D-20	EXISTING CONTROL STR. WEIR EL. 9.00	12.30(12.70)	W&S 6.00, E 5.38
D-21	EXISTING EXIST. STRUCTURE	ADJ. TO 11.18(11.73)	4.95
D-21A	EXIST. STRUCTURE	13.00(12.24)(N)13.00(12.35)(S) N 5.00, S 5.14, W 9.00	
D-22	TYPE C INLET	10.90	7.20 (W)(7.16)
D-23	TYPE C INLET	11.85	7.20 (E)(7.24)
D-24	MANHOLE TYPE P-7	11.40	6.00 (N)(6.01)
D-25	MANHOLE TYPE P-7	11.45	6.00 (S)(6.01)

NOTE: EXISTING STORM PIPE AND STRUCTURES TO BE CONSTRUCTED BY SELLER, NOT INCLUDED IN THIS CONTRACT. EXACT LOCATION TO BE FIELD VERIFIED.

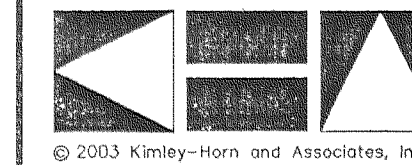
FIRE LANE STRIPING
(SEE NOTE # 8)

- NOTES:
- THIS RECORD DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF FLORIDA LICENSED SURVEYOR AND MAPPER.
 - ELEVATIONS SHOWN HEREON ARE RELATIVE TO NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 - (15.67) DENOTES "RECORD" ELEVATIONS.
 - THIS IS NOT A BOUNDARY SURVEY.
 - BENCHMARK: BROWARD COUNTY ENGINEERING BENCHMARK NO. 2333, A SQUARE CUT ON THE WEST END OF A CONCRETE HEADWALL AT THE SOUTHEAST CORNER OF ATLANTIC BOULEVARD AND E. PALM DRIVE. ELEVATION OF 9.02'

MATTHEW T. WIXTED
PROFESSIONAL SURVEYOR & MAPPER
5561 HAWKES BLUFF AVENUE
TOWN OF DAVE, FLORIDA 33331

DATE 3-11-04
MATTHEW T. WIXTED
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA REGISTRATION NO. 1877

WEST ATLANTIC BOULEVARD (STATE ROAD 814)
(VARIED WIDTH RIGHT OF WAY)
(6 LANE DIVIDED - RIGHT OF WAY VARIES)



Kimley-Horn
and Associates, Inc.

Engineering
Planning
and
Environmental
Consultants
E.B. 696

Suite 400
601 21st Street
Vero Beach, Florida
32960
Phone: 772-562-7981
Fax: 772-562-9689

DAVID T. CORRIE, P.E.
FLORIDA P.E. NO. 49208
DATE:

DATE	BY	REVISION	NO.
10/2/03	LFP	RFI #1	1
10/14/03	ALW	CCD #1	2
11/14/03	ALW	CCD #2	3
12/12/03	ALW	CCD #3	4
1/7/04	DTC	CCD #4	5

JOB NO.	047253291
DRAWN BY	ALW
CHECKED BY	ALW
APPROVED BY	DTC
DATE PRINTED	09/02/03
DATE ISSUED	09/02/03

PAVING, GRADING, AND
DRAINAGE PLAN

WAL*MART, MARGATE, FLORIDA
STORE NO. 5325-00, NEW SC (C-145-GL)
COURTELIS SITE

SCALE
1" = 50'
SHEET NO.

C-3