

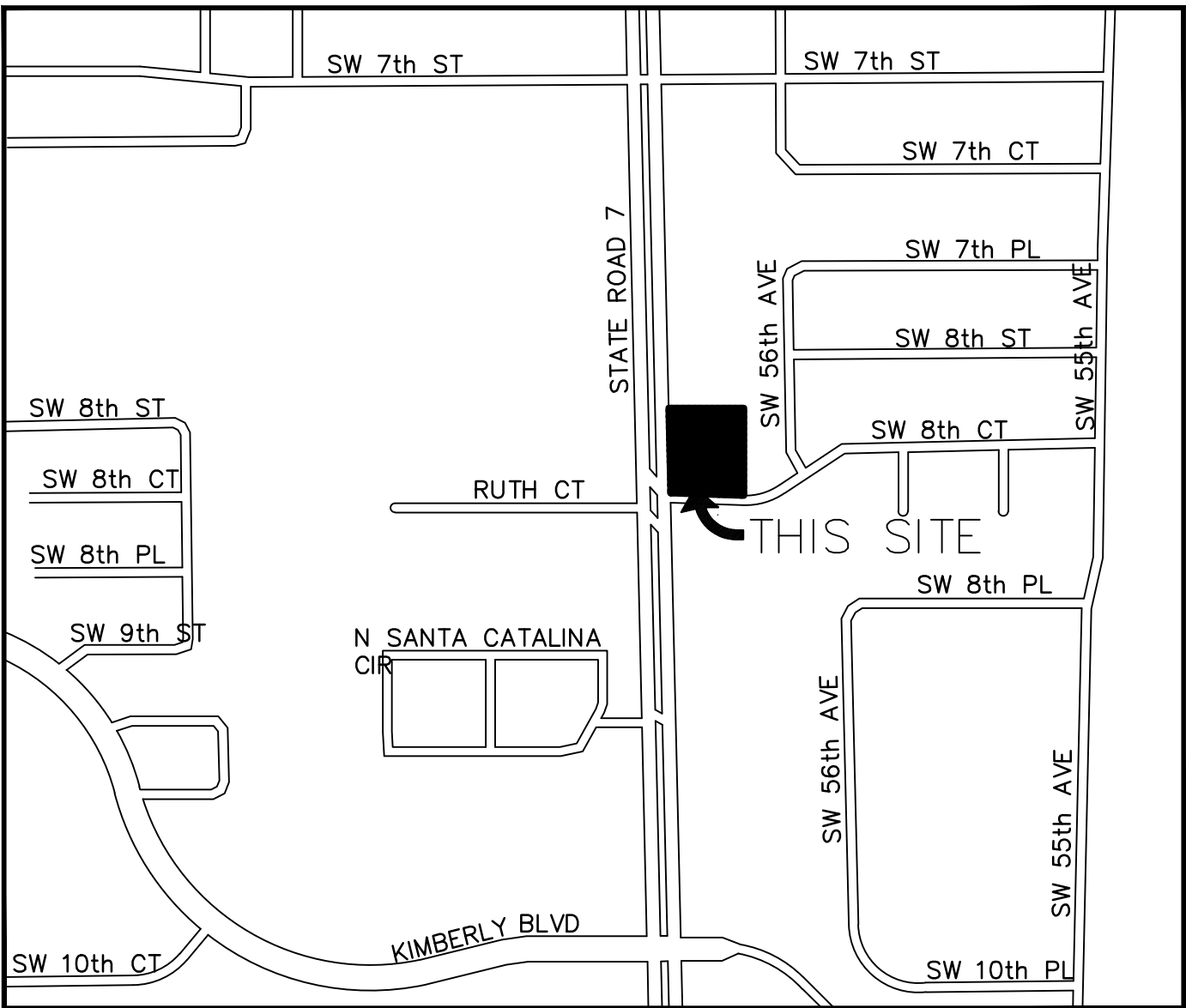
POPEYES

750 STATE ROAD 7

MARGATE, FLORIDA

GENERAL NOTES:

1. THE PROPOSED WORK HAS BEEN DESIGNED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND CITY CODES AND REGULATIONS HAVING JURISDICTION. IF ANY DISCREPANCIES EXIST BETWEEN THE PLANS/SPECIFACTIONS PREPARED BY THE DESIGNER AND THE CITY CODE AND/OR THE CITY STANDARD DETAILS, THE LATER SHALL GOVERN OR THE MOST STRINGENT.
2. ALL VEGETATION, MUCK, AND ANY DELETERIOUS MATERIAL WITHIN THE ROW LIMITS OF ALL STREETS AND ALLEYS AND REQUIRED OFF-STREET PARKING AREAS MUST BE REMOVED AND REPLACED WITH CLEAN FILL MATERIAL, FREE OF STUMPS, LARGE ROOTS OR OTHER MATTER NOT SUITABLE FOR INCLUSION IN ROADWAY FILL.
3. OWNERSHIP AND MAINTENANCE OF THE SANITARY SYSTEM BY THE CITY IS LIMITED TO THE MAINS FROM MANHOLE TO MANHOLE AND EXPRESSLY EXCLUDES SEWER LATERAL SERVICES. THE SEWER LATERAL SERVICE FROM GRAVITY MAIN INTO THE BUILDING IS TO BE MAINTAINED BY THE PROPERTY OWNER.
4. THE FINISHED SURFACE OF BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 0.04 FOOT FROM THE APPROVED GRADING PLAN (TEMPLATE) AND ALL AREAS SHALL BE GRADED TO DRAIN. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.
5. THE ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL AS-BUILT DRAWINGS OF THE LIME ROCK BASE HAVE BEEN SUBMITTED AND APPROVED BY THE EOR AND CITY ENGINEER OR DESIGNEE.
6. ALL APPLICABLE FEDERAL, STATE, COUNTY, DRAINAGE DISTRICT AND CITY PERMITS FOR CONSTRUCTION OF PAVING, GRADING, DRAINAGE, WATER, AND SANITARY SEWER SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
7. THE LOCATION OF ALL EXISTING UTILITIES ON THE PLAN IS APPROXIMATE. THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES TO BE CONNECTED SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW REDESIGN BY THE ENGINEER IF SUCH UTILITIES ARE FOUND TO BE DIFFERENT THAN SHOWN ON THESE PLANS.
8. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND OTHER UTILITIES AND OTHER IMPROVEMENTS NOT SHOWN. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION, AND SHALL MAINTAIN SUFFICIENT PROTECTION TO ALL UTILITIES REQUIRED TO PROTECT THEM FROM DAMAGE AND TO PROTECT THE PUBLIC DURING CONSTRUCTION.
9. CONTRACTOR SHALL CONTACT THE CITY OF MARGATE ENGINEERING DEPARTMENT 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
10. THE CONTRACTOR SHALL NOTIFY FLORIDA POWER & LIGHT CO., SOUTHERN BELL TELEPHONE CO., THE LOCAL WATER AND SEWER UTILITY COMPANIES AND ANY OTHER UTILITY COMPANY WHICH MAY HAVE THEIR UTILITIES WITHIN THE CONSTRUCTION AREAS BEFORE BEGINNING CONSTRUCTION.
11. A PRE-CONSTRUCTION MEETING IS TO BE HELD BETWEEN THE CITY OF MARGATE, THE UTILITY COMPANIES, ENGINEER OF RECORD AND CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
12. THE CONTRACTOR MUST NOTIFY THE CITY OF MARGATE UTILITIES DEPARTMENT 48 HOURS PRIOR TO TYING INTO ANY EXISTING STRUCTURES AND HAVE AN INSPECTOR PRESENT.
13. PLANS AND SPECIFICATIONS REQUIRE THAT COMPACTED BACKFILL BE PLACED ALONG SIDE OF AND OVER ALL UTILITIES. THE ENGINEER MAY REQUIRE THAT COMPACTION TESTS BE TAKEN TO VERIFY BACKFILL COMPACTION. THE COSTS OF SUCH COMPACTION TESTS WILL BE BORNE BY THE CONTRACTOR.
14. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
15. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND (INCLUDING SPRINKLERS) SHALL BE PLACED BENEATH THE PAVEMENT AND ITS EDGE PRIOR TO THE CONSTRUCTION OF PAVEMENT. THE PAVEMENT SHALL NOT BE CUT WITHOUT PRIOR APPROVAL OF THE ENGINEER.
16. CONSTRUCTION INSPECTION WILL BE PERFORMED BY THE ENGINEER AND IS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION, AND AT LEAST 48 HOURS BEFORE REQUIRING INSPECTION OF EACH AND EVERY PHASE OF WORK.
17. CONSTRUCTION SURVEYING WILL BE PERFORMED BY THE ENGINEER OR SURVEYORS DESIGNATED BY THE OWNER. THE CONTRACTOR SHALL CONTACT THE SURVEYOR NOT LESS THAN 48 HOURS BEFORE THE SURVEYORS ARE NEEDED ON-SITE TO STAKE OUT ANY PHASE OF WORK. THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF PROTECTING ALL SURVEY STAKES AND MONUMENTS. REPLACEMENT COSTS OF ALL STAKES SHALL BE BORNE BY THE CONTRACTOR.
18. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF APPROVED CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
19. SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. THE DRAWINGS WILL THEN BE FORWARDED TO THE CITY OF MARGATE UTILITIES DEPARTMENT AND ENGINEERING DEPARTMENT.
20. CONTRACTOR TO MAINTAIN THE TRAFFIC DURING THE CONSTRUCTION OF OFF-SITE UTILITIES AND KEEP STREET OPEN EVERYDAY AFTER DAILY CONSTRUCTION IS COMPLETED, AS REQUIRED BY THE CITY OF MARGATE.
21. MAINTENANCE OF TRAFFIC FOR PUBLIC STREETS SHALL BE PROPERLY COORDINATED WITH THE CITY OF MARGATE AS REQUIRED BY THE CITY.



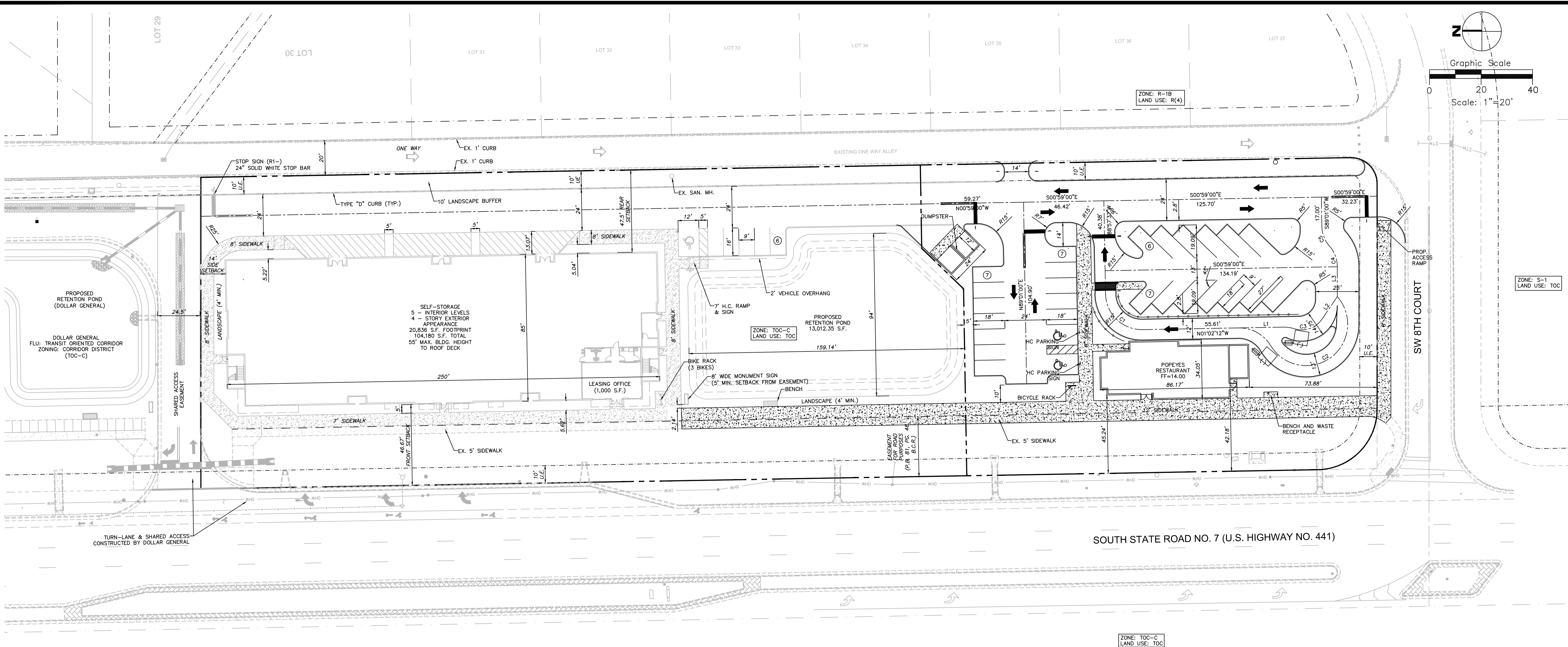
LOCATION MAP
NOT TO SCALE

SHEET INDEX

CS1	COVER SHEET
SP1	SITE PLAN
CE1	PAVING, GRADING AND DRAINAGE PLAN
CE2	PAVING. GRADING AND DRAINAGE DETAIL
CE3	WATER AND SEWER PLAN
CE4	WATER AND SEWER DETAILS
CE5	WATER AND SEWER DETAILS
CE6	PAVEMENT MARKING PLAN

ATLANTIC ENGINEERING SERVICES, INC.

200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FL 33413
PH:(561) 358-4140 FAX:(561) 966-9242
CA#00009390



APPLICATION DATA:	
NAME OF APPLICATION:	NUVO MARGATE SELF STORAGE/RETAIL
FOLIO NUMBERS:	494206180933 494206180934 494206180935 494206180936 494206180937 494206180938
FUTURE LAND USE DESIGNATION:	TRANSIT ORIENTED CORRIDOR
ZONING DESIGNATION:	TRANSIT ORIENTED CORRIDOR – CORRIDOR DISTRICT (TOC-)
EXISTING USES:	VACANT
PROPOSED USES:	ENCLOSED SELF STORAGE: 104,180 S.F. (757) BAYS RESTAURANT: 2,466 S.F.
NUVO MARGATE SELF STORAGE AND METRO CHICKEN SITE DATA:	
PHASE ONE NUVO MARGATE SELF STORAGE PARCE:	77,960.13 SF – (1.7897 ACRES)
PHASE TWO METRO CHICKEN PARCEL:	44,085.50 SF – (1.0120 ACRES)
GROSS SITE AREA:	122,045.63 SF– (2.8017 ACRES)
BUILDING AREA AND USES:	
RESTAURANT:	2,466 S.F.
STORAGE (757 BAYS):	104,180 S.F.
TOTAL PROJECT BUILDING AREA:	106,646 S.F.
FLOOR AREA RATIO:	0.87
BUILDING FRONTAGE:	49.4% (336/680 L.F.)
PERVIOUS AREA:	
LANDSCAPE AREA:	42,365 S.F.
RETENTION AREA:	12,993 S.F.
TOTAL PERVIOUS AREA:	55,358 S.F. / 1.27 AC / 45%
IMPERVIOUS AREA:	
BUILDING COVERAGE:	23,202 S.F.
VEHICULAR USE AREA:	34,880 S.F.
SIDEWALKS:	8,605 S.F.
TOTAL IMPERVIOUS AREA:	66,687 S.F. / 1.53 AC / 55%

NOTE:
ALL TRAFFIC CONTROL PAVEMENT MARKINGS WILL BE THERMOPLASTIC.

MUVO MARGATE SELF STORAGE AND METRO CHICKEN PARKING DATA:	
PARKING REQUIRED (AS PER SHARED PARKING REQUIREMENTS - SECTION 9.11 & 9.12):	
RESTAURANT: 1 SPACE PER 30 OF CUSTOMER SERVICE AREA: 780 S.F. / 30 = 26 SPACES	
DIVIDED BY SHARING FACTOR OF 1.2 = 21.6 SPACES OR	22 SPACES
ENCLOSED SELF-STORAGE: 757 STORAGE BAYS @ 1 SPACE/200 BAYS =	4 SPACES
OFFICE: 1,000 S.F. @ 3 SPACES/1,000 S.F. =	3 SPACES
TOTAL PARKING REQUIRED:	29 SPACES
PARKING PROVIDED:	32 SPACES INCLUDES 3 HANDICAP SPACES
HANDICAP PARKING REQUIRED:	3 SPACES
HANDICAP PARKING PROVIDED:	3 SPACES
LOADING REQUIRED:	3 SPACES (11'X24' MIN.)
LOADING PROVIDED:	3 SPACES
BICYCLE PARKING REQUIRED:	4 SPACES
BICYCLE PARKING PROVIDED:	6 SPACES (2 BIKE RACKS, 3 EACH)
MISC. DATA:	
MAX. BUILDING HEIGHT:	55' (TO ROOF DECK)
MAX. NUMBER OF STORIES:	*5 (4 STORY APPEARANCE FROM EXTERIOR)
	*VARIANCE GRANTED BY CITY FOR NUMBER OF STORIES ON 09/05/16

LEGAL DESCRIPTION: (SURVEYOR'S DESCRIPTION)

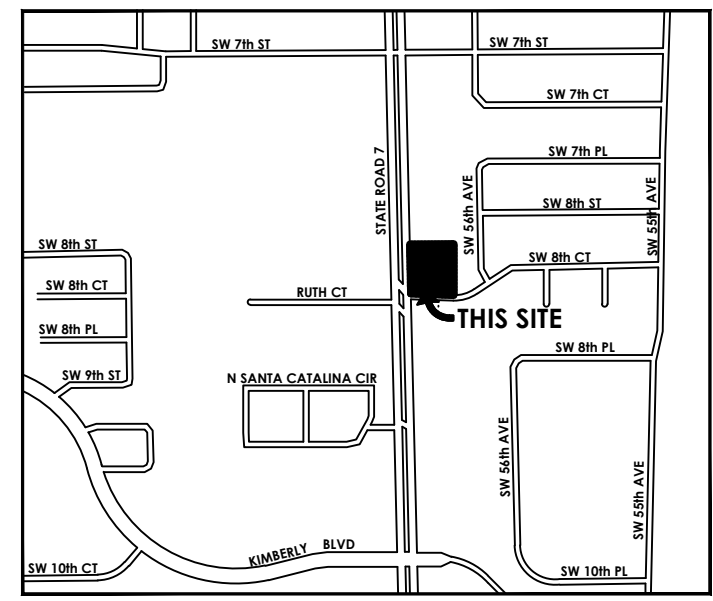
AS PORTION OF TRACT B, "SERINO PARK SECTION 3", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 81, PAGE 46, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

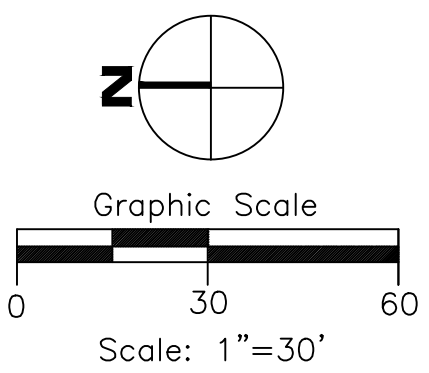
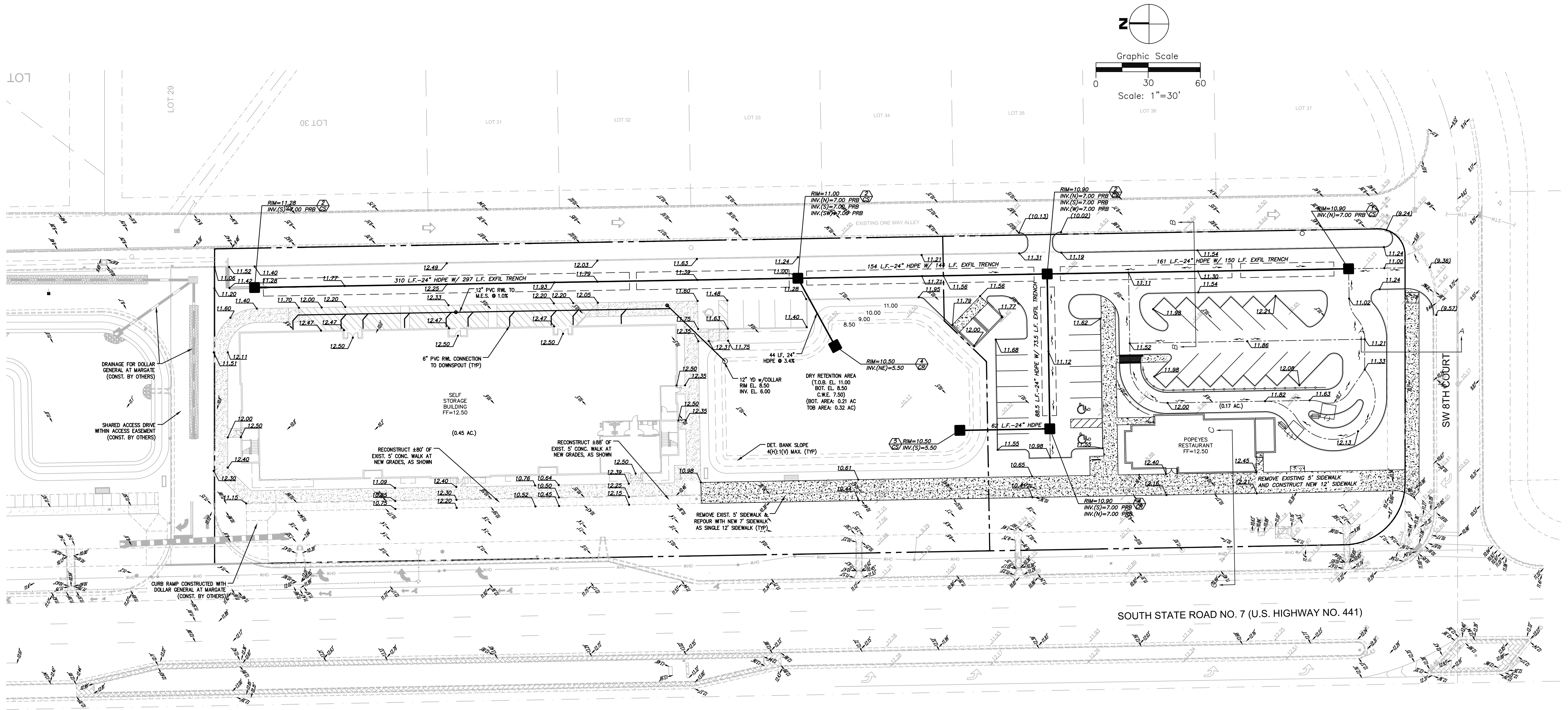
COMMENCING AT THE INTERSECTION OF THE SOUTH AND WEST LINES OF SAID TRACT "B" ALSO BEING IN THE INTERSECTION OF THE NORTH RIGHT OF WAY LINE OF SOUTHWEST 8th COURT AND THE EAST RIGHT-OF-WAY LINE OF SOUTH STATE ROAD NO.7 (U.S. HIGHWAY NO.411); THENCE NORTH 00°59'00" WEST ON SAID EAST RIGHT-OF-WAY LINE 34.40 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 00°59'00" WEST ON SAID EAST RIGHT-OF-WAY LINE 645.38 FEET TO THE INTERSECTION WITH THE SOUTH LINE OF THE NORTH 435.62 FEET OF SAID TRACT B; THENCE NORTH 90°00'00" EAST ON SAID SOUTH LINE 180.01 FEET TO THE INTERSECTION WITH THE EAST LINE OF SAID TRACT B; THENCE SOUTH 00°59'00" EAST ON SAID EAST LINE 664.53 FEET TO A POINT OF CURVATURE; THENCE SOUTHWESTERLY ON THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 15.00 FEET, A CENTRAL ANGLE OF 90°59'00", AND AN ARC DISTANCE OF 23.82 FEET TO A POINT OF TANGENCY ON THE AFOREMENTIONED NORTH RIGHT-OF-WAY LINE OF SW 8th COURT, ALSO BEING THE SOUTH LINE OF SAID TRACT B; THENCE NORTH 90°00'00" WEST ON SAID SOUTH LINE AND SAID NORTH RIGHT-OF-WAY LINE 130.34 FEET TO A POINT OF CURVATURE; THENCE NORTHWESTERLY ON THE ARC OF A CURVE TO THE RIGHT, HAVING A RADIUS OF 35.00 FEET, A CENTRAL ANGLE OF 89°01'00"; FOR AN ARC DISTANCE OF 54.38 FEET TO THE POINT OF BEGINNING.

SAID LANDS SITUATE, LYING AND BEING IN THE CITY OF MARGATE, BROWARD COUNTY, FLORIDA, CONTAINING 122,046 SQUARE FEET (2.8018 ACRES).

SITE DATA: METRO CHICKEN PARCEL			
CURRENT USE:	VACANT		
LAND USE DESIGNATION:	TOC		
ZONING DESIGNATION:	TOC-C		
WATER SERVICE PROVIDER:	CITY OF MARGATE		
WASTEWATER SERVICE PROVIDER:	CITY OF MARGATE		
BUILDING HEIGHT:	21'-4"		
BUILDING LENGTH:	82'		
NUMBER OF STORIES:	1 STORY		
GROSS FLOOR AREA:	2,137 SF		
	SF	ACRES	PERCENTAGE
LAND AREA	44,085.50	1.01	100
PROP. BLDG	2,466	0.06	5.59
ASPHALT	21,493	0.49	48.75
SIDEWALK	3,877	0.09	8.79
TOTAL IMPERVIOUS	27,836	0.64	63.14
PERVIOUS	16,249.50	0.37	36.86
PARKING REQUIRED			
1 SPACE PER 30 SF OF CUSTOMER SERVICE AREA: 780 SF / 30 = 26 SPACES			
PARKING PROVIDED			
PARKING PROVIDED:	32 SPACES INCLUDES 3HANDICAP SPACES		
HANDICAP PARKING REQUIRED:	3 SPACES		
HANDICAP PARKING PROVIDED:	3 SPACES		

NOTE:
NUVO MARGATE SELF STORAGE PORTION SHOWN FOR INFORMATIONAL PURPOSES ONLY. FOR NUVO MARGATE SELF STORAGE CONSTRUCTION DOCUMENTS SEE McLEAD MCCARTHY & ASSOCIATES PLANS.





ACCESSIBILITY NOTES:

1. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
2. ALL WALKS CROSSING A VEHICULAR AREA SHALL HAVE DETECTABLE WARNING SURFACE (TRUNCATED DOME) IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
3. CURB RAMP SLOPES AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX NO. 304. CURB RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME AND SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

NOTES:

1. ALL LANDSCAPE AREAS ADJACENT TO BUILDING SHALL BE GRADED TO DRAIN AWAY FROM BUILDING.
2. CONTRACTOR SHALL CONFIRM DETECTABLE WARNING REQUIREMENTS WITH BUILDING OFFICIAL PRIOR TO INSTALLATION.
3. WHERE LANDSCAPE/SOD ABUTS BUILDING SLAB, A MINIMUM 3" SLAB REVEAL SHALL BE PROVIDED.
4. MAXIMUM SLOPE FROM TOP OF CURB AND BACK OF WALK TO FINISHED GRADE SHALL BE 4(H):1(V), UNLESS OTHERWISE NOTED.
5. ALL BUFFER, DETENTION, SWALE, AND UN-LANDSCAPED/UNPAVED AREAS SHALL BE SODDED UNLESS OTHERWISE NOTED. SOD IN RETENTION AREA SHALL NOT BE MUCK-GROWN.
6. REFER TO SITE PLAN PREPARED BY MANAGED LAND ENTITLEMENTS / LITTERICK LANDSCAPE ARCHITECTURE FOR ADDITIONAL SITE REQUIREMENTS.
7. THERE SHALL BE NO LANDSCAPING OTHER THAN SOD WITHIN THE TWO-FOOT PARKING SPACE OVERHANG.

8. ALL RAINWATER LEADERS (RWL) SHALL BE SCHEDULE-40 PVC WITH GLUED JOINTS.
9. ALL WALKS SHALL BE CONSTRUCTED WITH SLOPES IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, ACCESSIBILITY (I.E. 2% MAXIMUM CROSS SLOPE & 5% MAXIMUM LONGITUDINAL SLOPE; CURB RAMP SLOPES SHALL NOT EXCEED 1V:12H).
10. ALL CULVERT INVERTS LEADING TO EXFILTRATION TRENCH SHALL HAVE POLLUTION RETARDANT BAFFLES (PRB) INSTALLED PER ENCLOSED DETAIL.

NOTE:

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NOTE: ALL ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

DRAINAGE STRUCTURE CHART		
STRUCT. NUMBER	STRUCT. TYPE	GRATE TYPE
1	C	U.S.F. 4139-6168
2	5ø	U.S.F. 4139-6429
3	C	U.S.F. 230-AB-M
4	4ø	U.S.F. 230-AB-M
5	C	U.S.F. 6606 SG

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



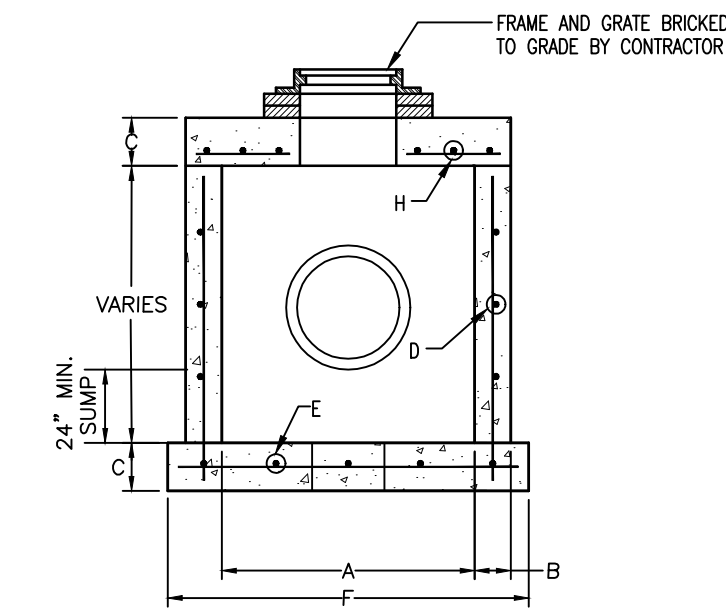
ATLANTIC ENGINEERING SERVICES, INC.

200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

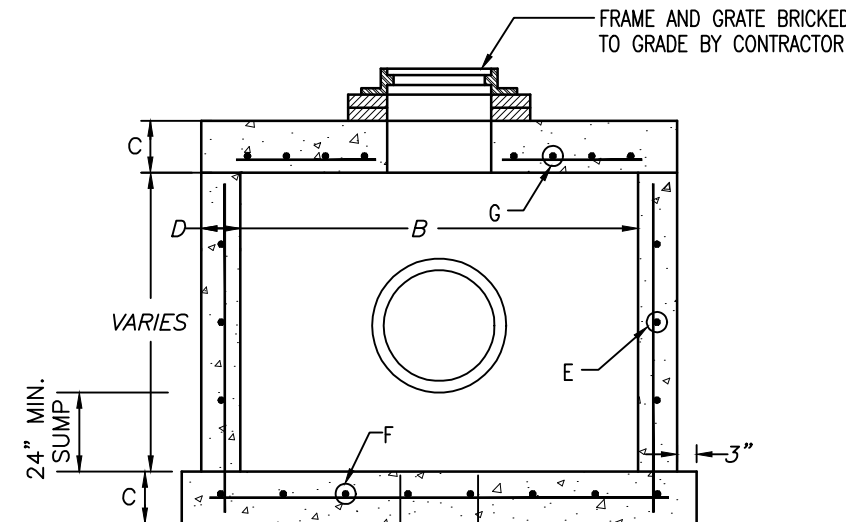
PROJ. NO. 0000
SCALE: AS SHOWN

ddt		
DES.	DWN.	CHK.
SHEET NUMBER		
CE1		
DATE DRAWN MAR 2018		

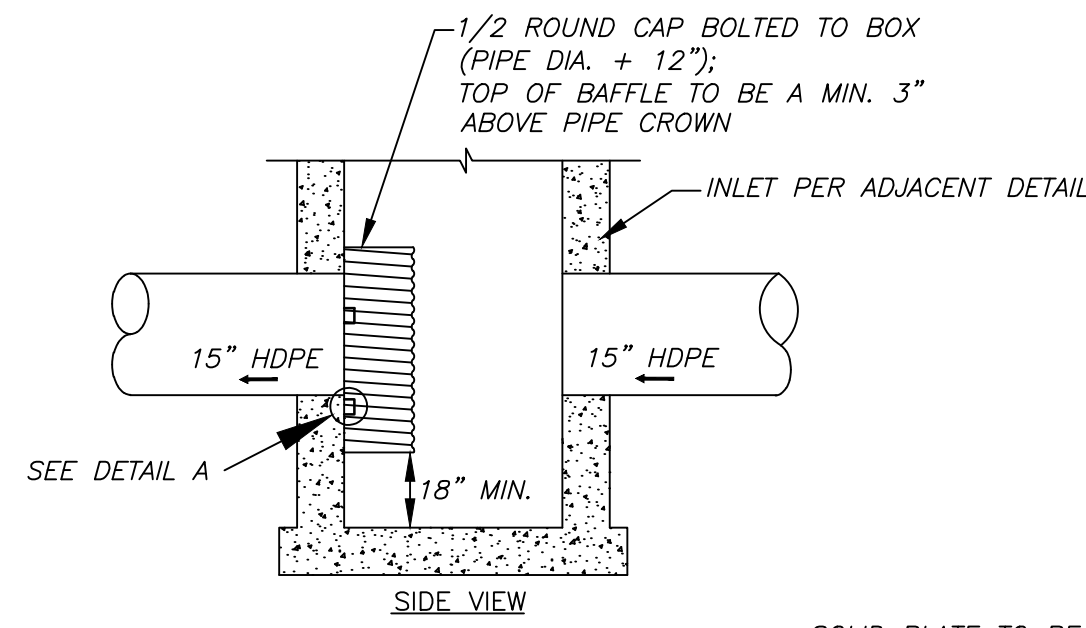
DRAINAGE PLAN



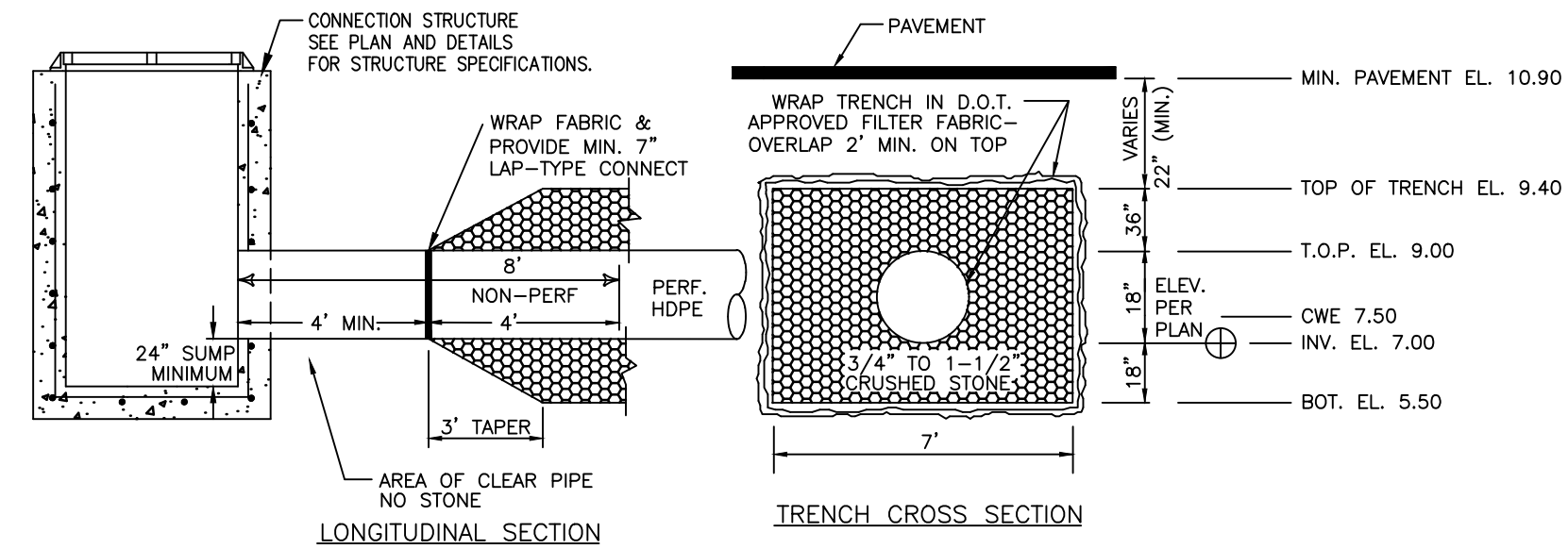
CATCH BASIN
(SEE TABLE FOR DIMENSIONS)



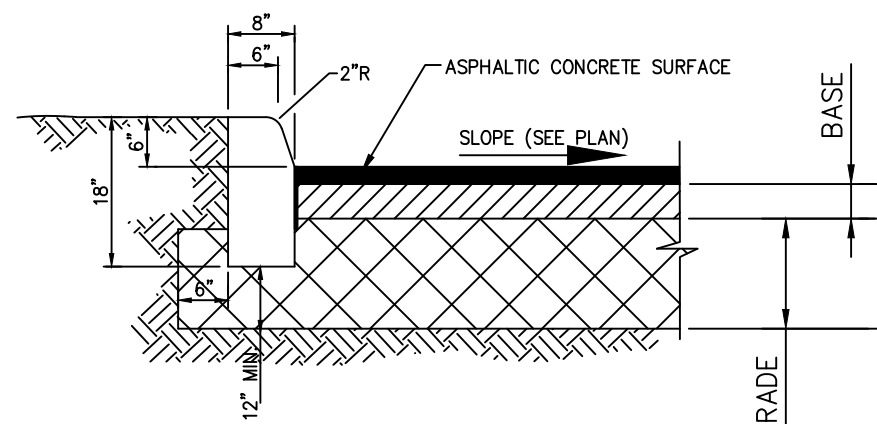
CATCH BASIN
(SEE TABLE FOR DIMENSIONS)



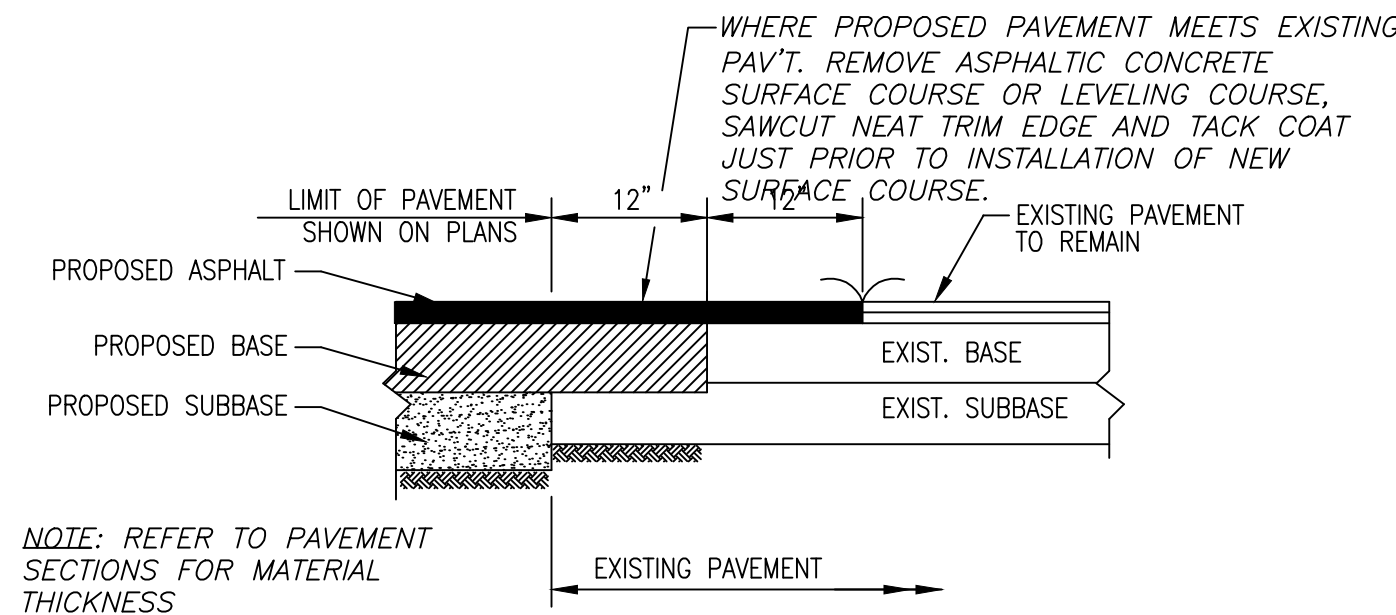
POLLUTION RETARDANT BAFFLE (PRB) DETAIL
N.T.S.



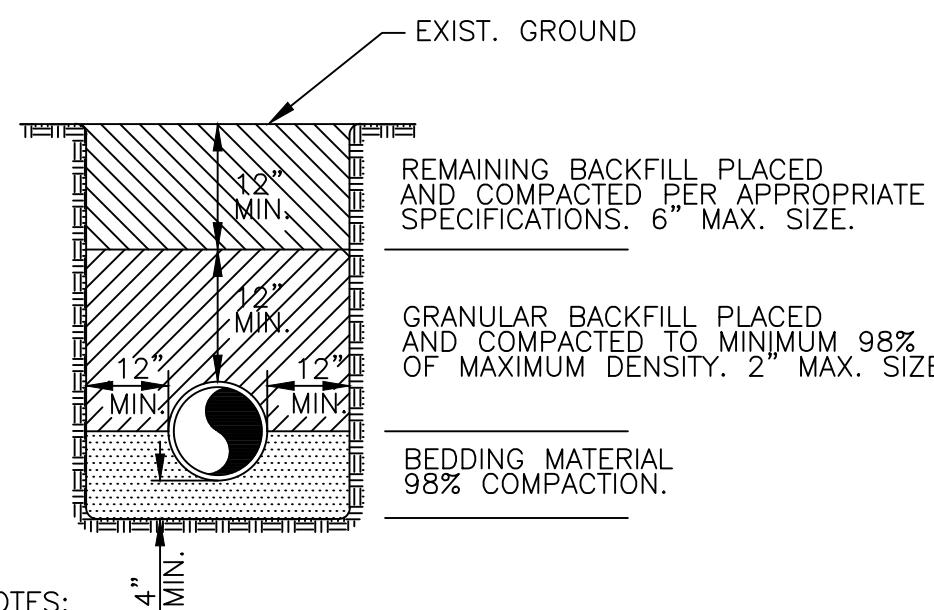
ON-SITE EXFILTRATION TRENCH DETAIL
N.T.S.



CONCRETE CURB (TYPE 'D')
N.T.S.



PAVEMENT MATCHING DETAIL
N.T.S.



TRENCH DETAIL
N.T.S.

- NOTES:
- BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
 - THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
 - THE PIPE SHALL BE PLACED IN A DRY TRENCH.
 - BACKFILL SHALL BE FREE OF UNSUITABLE MATERIALS SUCH AS LARGER ROCK, MUCK AND DEBRIS.
 - SEE GENERAL NOTES FOR PIPE BACKFILL BENEATH PROPOSED PAVEMENT.

A	B	C	D	E*	F*	G*
3'-6"	3'-6"	8"	6"	#4 @ 12"	#4 @ 9"	#4 @ 6"
4'-0"	4'-0"	8"	6"	#4 @ 12"	#4 @ 9"	#4 @ 6"
4'-10"	5'-0"	8"	8"	#4 @ 12"	#5 @ 12"	#5 @ 6"
6'-0"	6'-0"	8"	8"	#4 @ 12" V	#6 @ 12"	#6 @ 6"
8'-0"	8'-0"	10"	8"	#4 @ 12" V	#6 @ 12"	#6 @ 6"
10'-0"	10'-0"	10"	8"	#4 @ 12" V	#6 @ 6"	#7 @ 6"
3'-0"	4'-6"	8"	8"	#4 @ 12" V	#4 @ 12"	#4 @ 6"
3'-6"	6'-0"	8"	8"	#4 @ 12" V	#5 @ 12"	#5 @ 6"
4'-0"	6'-0"	8"	8"	#4 @ 12" V	#5 @ 12"	#5 @ 6"
3'-6"	8'-0"	8"	8"	#4 @ 12" V	#5 @ 12"	#5 @ 6"
4'-0"	8'-0"	8"	8"	#4 @ 12" V	#5 @ 12"	#5 @ 6"
5'-0"	7'-0"	8"	8"	#4 @ 12" V	#5 @ 12"	#5 @ 6"
6'-0"	8'-0"	8"	8"	#4 @ 12" V	#6 @ 12"	#6 @ 6"
6'-0"	12'-0"	8"	8"	#4 @ 12" V	#6 @ 12"	#6 @ 6"

INLET NOTES

BEVELED EDGES: ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
FOUNDATION MATERIAL: WHERE MATERIAL UNSATISFACTORY FOR FOUNDATION IS ENCOUNTERED, ALL SUCH MATERIAL MUST BE REMOVED DOWN TO SATISFACTORY MATERIAL AND BACKFILLED TO SUBGRADE WITH CLEAN SAND.
INLET TYPES: INLETS ARE TO BE CONSTRUCTED TO THE DIMENSIONS SHOWN HEREON. INLETS RECEIVING PIPE LARGER THAN 42" DIAMETER SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARDS.
MATERIAL: INLET WALLS AND BASES MAY EITHER BE CAST-IN-PLACE CLASS I, 2500 P.S.I. CONCRETE OR PRECAST CLASS II, 4000 (MIN.) P.S.I. CONCRETE.

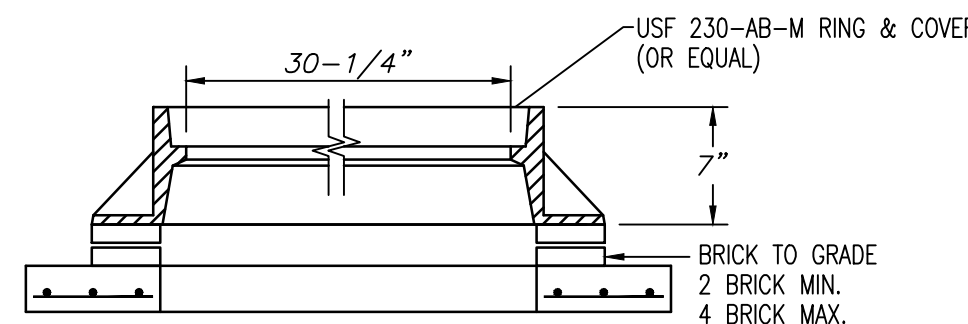
RECTANGULAR CATCH BASIN (ON-SITE)

A	B	C	D	E*	F	G	H*
3'-6"	4'	8"	ASTM C-478	#4 @ 12"	4'-8"	4'-2"	#4 @ 6"
3'-6"	6"	8"	ASTM C-478	#4 @ 12"	5'-0"	4'-6"	#4 @ 6"
4'	8"	8"	ASTM C-478	#4 @ 12"	6'-0"	5'-0"	#4 @ 6"
4'	6"	8"	ASTM C-478	#4 @ 12"	6'-4"	5'-4"	#4 @ 6"
5'-0"	8"	8"	ASTM C-478	#5 @ 12"	7'-4"	6'-4"	#5 @ 6"
6'-0"	6"	8"	ASTM C-478	#5 @ 6"	8'-0"	7'-0"	#5 @ 6"
6'-0"	8"	8"	ASTM C-478	#5 @ 6"	8'-4"	7'-4"	#5 @ 6"
7'-0"	8"	8"	ASTM C-478	#5 @ 6"	9'-4"	8'-4"	#5 @ 6"
8'-0"	10"	10"	ASTM C-478	#5 @ 6"	10'-8"	9'-8"	#6 @ 6"
10'-0"	12"	12"	ASTM C-478	#5 @ 6"	12'-0"	10'-0"	#6 @ 6"

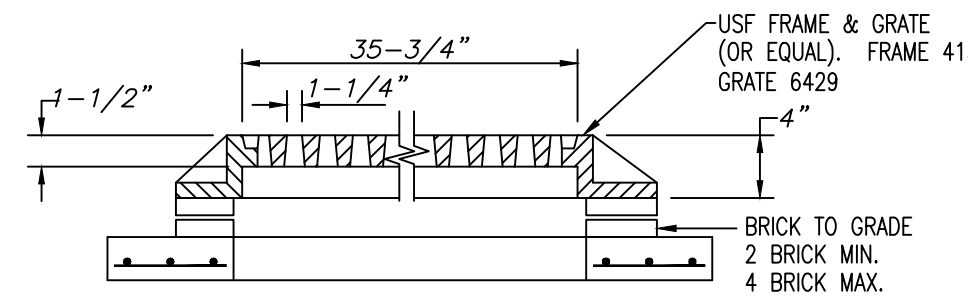
INLET NOTES

BEVELED EDGES: ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
FOUNDATION MATERIAL: WHERE MATERIAL UNSATISFACTORY FOR FOUNDATION IS ENCOUNTERED, ALL SUCH MATERIAL MUST BE REMOVED DOWN TO SATISFACTORY MATERIAL AND BACKFILLED TO SUBGRADE WITH CLEAN SAND.
INLET TYPES: INLETS ARE TO BE CONSTRUCTED TO THE DIMENSIONS SHOWN HEREON. INLETS RECEIVING PIPE LARGER THAN 42" DIAMETER SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARDS.
MATERIAL: INLET WALLS AND BASES MAY EITHER BE CAST-IN-PLACE CLASS I, 2500 P.S.I. CONCRETE OR PRECAST CLASS II, 4000 (MIN.) P.S.I. CONCRETE.

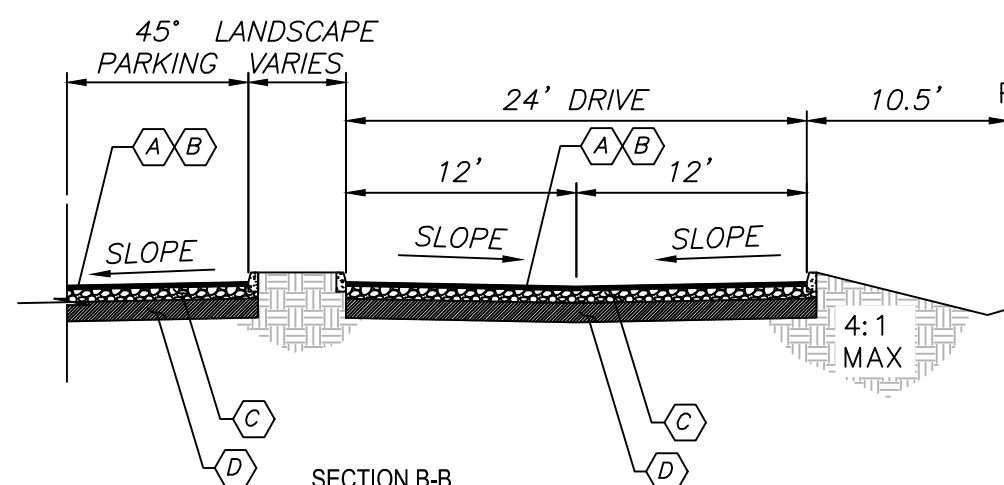
CIRCULAR CATCH BASIN (ON-SITE)



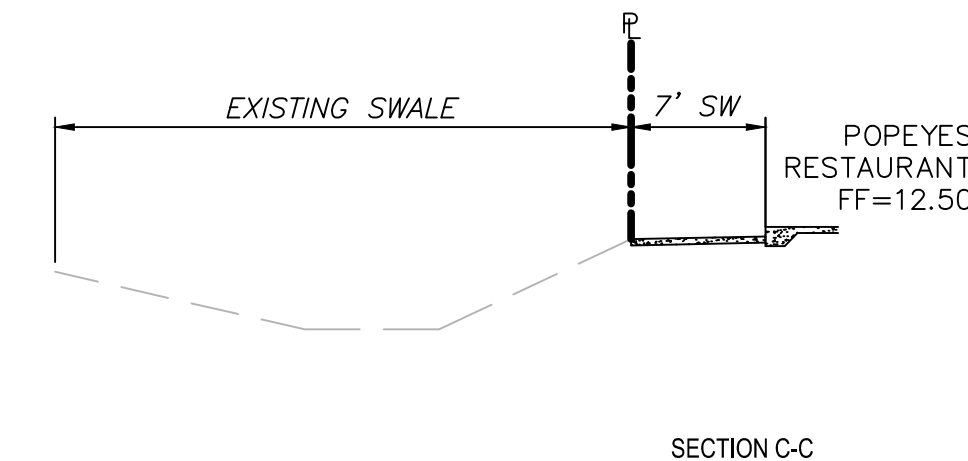
ON-SITE MANHOLE FRAME & COVER
N.T.S.



INLET TOP (TYPE 'C-D') INLET
N.T.S.



SECTION B-B



SECTION C-C

PAVING SPECIFICATION

(A)	1-1/2" THICK ASPHALTIC CONCRETE, TYPE S-III - 2-3/4" LIFTS
(B)	PRIME AND TACK COAT
(C)	8" LIMEROCK BASE COMPACTED IN (2) 4" LAYERS TO 98% MAX (DENSITY AASHTO T-180.)
(D)	12" SUBGRADE COMPACTED TO 98% MAX. DENSITY AASHTO T-180 STABILIZED TO LBR 40 OR FBV 50 P.S.I.

DRAINAGE DETAILS

DATE	DESCRIPTION	REV
		1
		2
		3
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		5

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

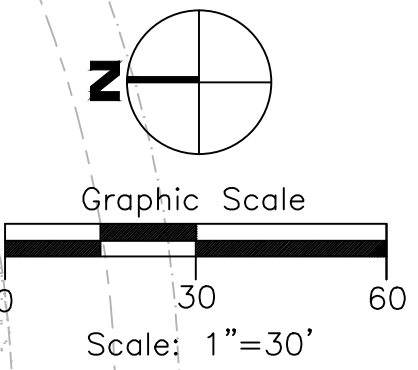
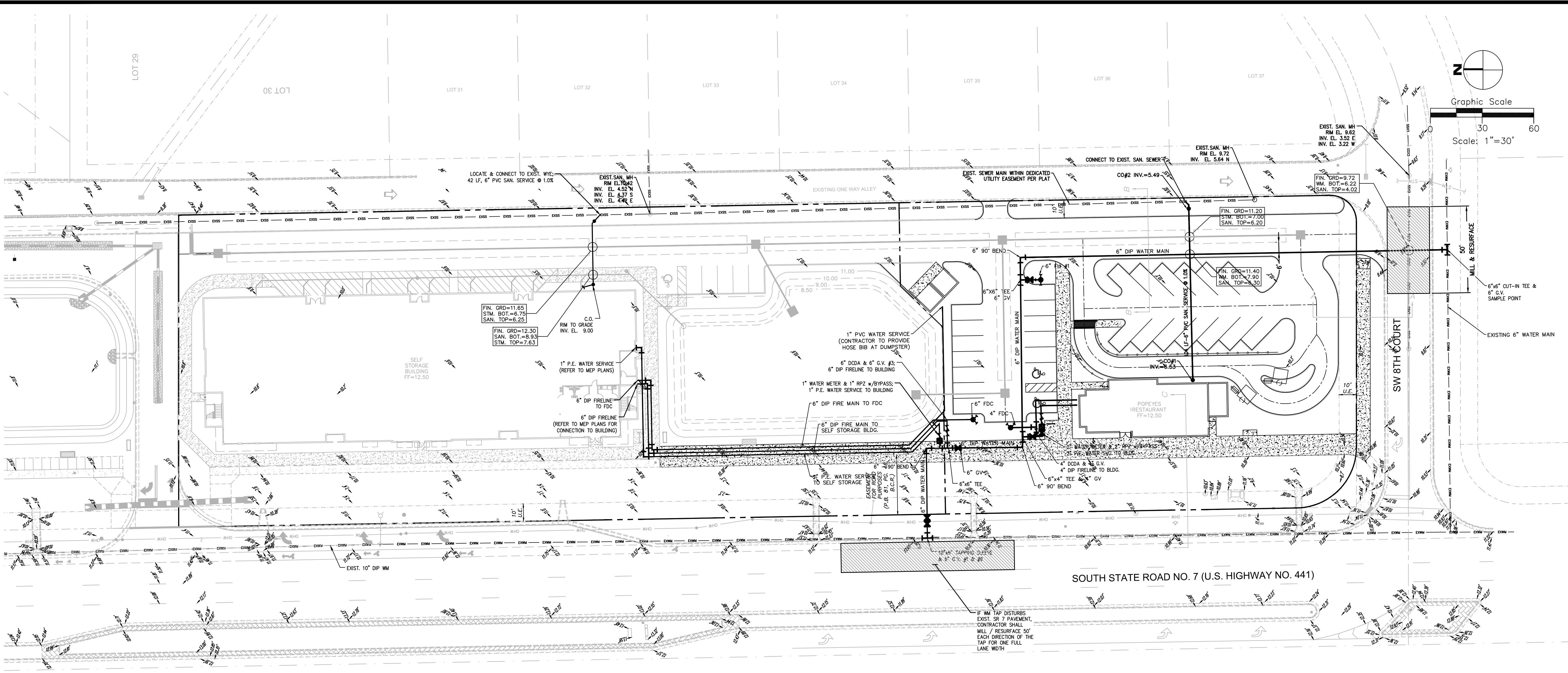
METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

ddt		
DES.	DWN.	CHK.
SHEET NUMBER		
CE2		
DATE DRAWN MAR 2018		



MIN. LENGTH OF PIPE (FEET) TO BE RESTRAINED
(SOURCES: EBA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 3.1, AND
DIPRA THRUST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 3.3)

FITTING TYPE	PIPE SIZE															
	4"	6"	8"	10"	12"	16"	20"	24"	30"	36"	42"	48"	60"	72"	90"	108"
90° HORIZ. BEND	14	20	25	30	35	45	54	62	98	112	124	135	144	168	180	216
45° HORIZ. BEND	6	8	11	13	15	19	22	26	41	46	51	56	60	72	81	99
22.5° HORIZ. BEND	3	4	5	6	7	9	11	12	19	22	25	27	30	36	40	48
11.25° HORIZ. BEND	1	2	3	3	4	4	5	6	10	11	12	13	15	18	20	24
90° VERT. OFFSET	UPPER BEND	29	41	53	64	74	95	115	134	214	246	276	304	360	408	480
	LOWER BEND	7	10	13	16	19	25	30	35	57	66	74	83	100	114	138
45° VERT. OFFSET	UPPER BEND	12	19	24	29	34	39	48	56	89	102	114	126	150	171	207
	LOWER BEND	3	4	6	7	8	10	12	15	23	27	31	34	40	46	56
22.5° VERT. OFFSET	UPPER BEND	6	9	12	14	17	19	23	27	43	49	55	60	72	81	99
	LOWER BEND	1	2	4	4	5	6	7	11	13	15	16	18	22	25	30
11.25° VERT. OFFSET	UPPER BEND	3	4	6	7	8	9	11	13	21	24	27	30	36	40	48
	LOWER BEND	1	1	1	2	2	2	3	3	6	7	8	9	11	12	15
PLUG (DEAD END)		32	45	59	70	83	107	129	151	214	246	276	304	360	408	480
IN-LINE VALVE		32	45	59	70	83	107	129	151	214	246	276	304	360	408	480
TEE (BRANCH RESTRAINT)	4"X 6"	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6"X 6"	21	35	-	-	-	-	-	-	-	-	-	-	-	-	-
	8"X 8"	18	34	47	-	-	-	-	-	-	-	-	-	-	-	-
	10"X 10"	16	32	46	58	-	-	-	-	-	-	-	-	-	-	-
	12"X 12"	13	30	44	57	69	-	-	-	-	-	-	-	-	-	-
	16"X 16"	7	26	41	55	67	90	-	-	-	-	-	-	-	-	-
	20"X 20"	1	21	38	52	65	88	109	-	-	-	-	-	-	-	-
	24"X 24"	1	16	34	49	62	86	108	129	-	-	-	-	-	-	-
	30"X 30"	1	8	28	44	58	83	106	127	208	-	-	-	-	-	-
	36"X 36"	1	1	22	39	54	80	103	124	206	240	-	-	-	-	-
	42"X 42"	1	1	15	33	49	77	100	122	205	239	270	-	-	-	-
	48"X 48"	1	1	7	27	44	73	97	120	203	238	269	298	-	-	-
REDUCER (UPPER PIPE RESTRAINT)	6"X 6"	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8"X 8"	38	25	-	-	-	-	-	-	-	-	-	-	-	-	-
	10"X 10"	57	43	24	-	-	-	-	-	-	-	-	-	-	-	-
	12"X 12"	72	60	44	41	-	-	-	-	-	-	-	-	-	-	-
	16"X 16"	99	90	78	75	45	-	-	-	-	-	-	-	-	-	-
	20"X 20"	123	116	107	105	81	45	-	-	-	-	-	-	-	-	-
	24"X 24"	146	140	132	131	111	65	45	-	-	-	-	-	-	-	-
	30"X 30"	209	204	197	196	177	133	116	75	-	-	-	-	-	-	-
	36"X 36"	243	236	233	226	217	196	168	135	74	-	-	-	-	-	-
	42"X 42"	273	270	265	259	252	234	211	183	133	72	-	-	-	-	-
	48"X 48"	301	296	294	289	283	268	249	226	183	131	71	-	-	-	-

NOTES:
1. THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
SOIL TYPE-SAND TEST PRESSURE-150 PSI/200 PSI DEPTH OF BURY-3'
TRENCH TYPE-3 SLOPE FACTOR-1.5 VERTICAL OFFSET-3'
2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.
3. ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
4. RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF VALVES AND FITTINGS.
5. MULTIPLY PIPE LENGTH BY 1.6 FOR POLYETHYLENE ENCASED PIPE.
6. RESTRAINED PIPE LENGTHS EQUAL TO AN "IN-LINE VALVE" CONDITION ARE REQUIRED AT EACH END OF A TRANSITION FROM HOPE PIPE TO OTHER PIPE MATERIALS.
7. DESIGN ENGINEER IS RESPONSIBLE TO PROPERLY SIZE THE RESTRAINT PIPE LENGTHS FOR THE PROJECT

MECHANICAL THRUST RESTRAINT
MINIMUM PIPE LENGTHS

- RECORD DRAWING NOTES:**
- RECORD DRAWINGS SHALL BE PREPARED IN THE STATE PLANE COORDINATE SYSTEM.
 - ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.
 - STATE PLANE COORDINATES SHALL BE DISPLAYED ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN THE CITY OF MARGATE STANDARDS.
- GENERAL WATER NOTES:**
- ALL WATER MAIN DUCTILE IRON PIPE (DIP) AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
 - ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH TWO (2) INCH HIGH LETTERING READING "CAUTION - POTABLE WATER LINE BURIED BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
 - ALL WATER SERVICE BRASS ARE REQUIRED TO BE LEAD FREE.
- GENERAL SEWER NOTES:**
- ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED PAST CITY POINT-OF-SERVICE.

COLOR CODING NOTE: ALL WATER MAIN PIPE, INCLUDING FITTINGS, INSTALLED ON OR AFTER AUGUST 28, 2003, EXCEPT PIPE INSTALLED UNDER CONSTRUCTION PERMIT FOR WHICH THE DEPARTMENT RECEIVED A COMPLETE APPLICATION BEFORE AUGUST 28, 2003, SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE SOLID-WALL BLUE PIPE. SHALL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR SHALL BE WHITE OR BLACK WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF PIPE; FOR PIPES WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE AT DRINKING WATER TREATMENT PLANTS SHALL BE COLOR CODED AND LABELED IN ACCORDANCE WITH SUBSECTION 62-555.320(10), F.A.C., AND ALL OTHER ABOVEGROUND PIPE SHALL BE PAINTED BLUE OR COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.

- NOTES:**
- SIGNING & PAVEMENT MARKING WITHIN FDOT R/W SHALL CONFORM TO FDOT DESIGN STANDARDS, LATEST EDITION.
 - STRIPING IN FDOT R/W SHALL BE PAINT FOR 90 DAYS FOLLOWING PLACEMENT OF FINAL LIFT OF ASPHALT. PERMANENT THERMOPLASTIC STRIPING TO BE INSTALLED FOLLOWING 90 DAY CURE PERIOD.
 - MAINTENANCE OF TRAFFIC (MOT) FOR THE CONSTRUCTION OF THE WATERMAIN TAP AND SIDEWALK ON SR 7 SHALL BE IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 613 AND 660.
 - ALL MATERIALS AND CONSTRUCTION WITHIN FDOT R/W SHALL CONFORM TO THE LATEST EDITION OF FDOT DESIGN STANDARDS AND LATEST FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.

- DEPT. OF HEALTH NOTES:**
- ALL DIP PIPE INSTALLED UNDER THIS PROJECT SHALL COMPLY WITH AWWA C151-09 OR LATEST REVISION. DIP PIPE SHALL BE THICKNESS CLASS 51 FOR 3" AND 4" DIP PIPE AND THICKNESS CLASS 50 FOR 6" DIAMETER DIP PIPE AND LARGER.
 - ALL WATERMAIN & WATER/FIRE SERVICES INSTALLED UNDER THIS PROJECT SHALL BE FOLLOW DISINFECTION AND BACTERIOLOGICAL SAMPLING CRITERIA PER AWWA C651-05 OR LATEST REVISION.
 - ALL WATERMAIN INSTALLED UNDER THIS PROJECT SHALL BE PRESSURE TESTED TO A MINIMUM PRESSURE OF 150 PSI PER AWWA C600-10, OR LATEST REVISION.
 - ALL WATERMAIN AND WATER/FIRE SERVICES SHALL HAVE A MINIMUM COVER OF 30" BELOW FINISHED GRADE.
 - NO BENEFICIAL USE SHALL BE MADE OF THE PROPOSED WATERMAIN TO BE INSTALLED PER THIS PERMIT WITHOUT WRITTEN APPROVAL FROM THE FLORIDA DEPARTMENT OF HEALTH, BROWARD COUNTY.

- NOTES:**
- PRIOR TO CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY (ELEVATION & LOCATION) ALL EXISTING UTILITIES. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONTINUATION OF WORK.
 - FIRE HYDRANTS SHALL BE LOCATED A MINIMUM OF 7' AND A MAXIMUM OF 12' FROM EDGE OF PAVEMENT.
 - VALVES SHALL NOT BE PLACED IN CURBS.
 - ALL WATER AND SANITARY SERVICES SHALL BE CONSTRUCTED A MINIMUM OF 5' FROM DRAINAGE STRUCTURES.
 - MAGNETIC TAPE IS REQUIRED FOR ALL WATER & FORCE MAINS AND SHALL BE 6" WIDE, IMPRINTED WITH 2" HIGH LETTERING READING "CAUTION - WATER MAIN BURIED BELOW" OR "CAUTION - FORCE MAIN BURIED BELOW", AS REQUIRED.
 - RECORD DRAWINGS MUST HAVE DATA FOR TAP AND METER LOCATIONS FOR ALL NON-PERPENDICULAR WATER MAIN SERVICES.
 - PRESSURE TESTING AND CERTIFICATION SHALL FOLLOW CITY OF MARGATE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS, LATEST EDITION.
 - ALL WATERMAINS TO CROSS OVER SANITARY SEWER SERVICES, WHERE 18" MINIMUM CLEARANCE CANNOT BE MAINTAINED, 20' LINEAR FEET OF DUCTILE IRON WATERMAIN SHALL BE CENTERED ON THE CROSSING AND THE SEWER SERVICE SHALL BE C-900, SDR-18. IN NO CASE SHALL THERE BE LESS THAN 6" CLEARANCE.
 - CONTRACTOR TO PROVIDE ELEC. SERVICE TO DCCA TAMPER SWITCHES.
 - CONTRACTOR TO COORDINATE ALL REQUIRED PRESSURE TESTS, HYDRANT FLOW TESTS, BACKFLOW PREVENTER CERTIFICATIONS, FLUSHING, BACTERIOLOGICAL TESTING, ETC. AND SHALL PROVIDE COPIES OF ALL PASSING TEST RESULTS TO ENGINEER.
 - CONTRACTOR TO PREPARE ALL REQUIRED MAINTENANCE OF TRAFFIC (MOT) PLANS, INCLUDING SIDEWALK/PEDESTRIAN MOT, AND OBTAIN REGULATORY APPROVALS FOR ALL MOT PLANS. COPIES OF APPROVED MOT PLANS SHALL BE PROVIDED TO ENGINEER.
 - IF DIFFERING UNDERGROUND UTILITY CONDITIONS ARE DISCOVERED DURING CONSTRUCTION, CONTRACTOR SHALL PROVIDE SURVEYED HORIZONTAL LOCATIONS OF ALL EXISTING NEARBY UTILITIES, EXISTING UTILITY SIZES/MATERIALS, UTILITY TOP OF PIPE ELEVATIONS, AND EXISTING GROUND SURFACE ELEVATIONS IN VICINITY OF PROJECT/CONFLICT. CONTRACTOR RFI'S WILL NOT BE REVIEWED UNTIL ALL OF THIS INFORMATION IS PROVIDED TO ENGINEER OF RECORD AND ENGINEER'S FIELD REPRESENTATIVE.
 - WATER/SEWER SYMBOLS ARE REPRESENTATIVE OF THE CORRESPONDING FITTINGS ONLY. CONTRACTOR SHALL NOT ATTEMPT TO ATTEMPT TO CONSTRUCT WATER/SEWER SYSTEM BY SCALING THE SYMBOLS FORM THESE PLANS. ALL FITTINGS/APURTANANCES SHALL INSTEAD BE BUILT PER THE ENCLOSED DETAILS.

NOTE:
NUVO MARGATE SELF STORAGE PORTION SHOWN FOR INFORMATIONAL PURPOSES ONLY.
FOR NUVO MARGATE SELF STORAGE CONSTRUCTION DOCUMENTS SEE McLEAD MCCARTHY & ASSOCIATES PLANS.

WATER AND SEWER PLAN

DATE	
DESCRIPTION	
REV.	1
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IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

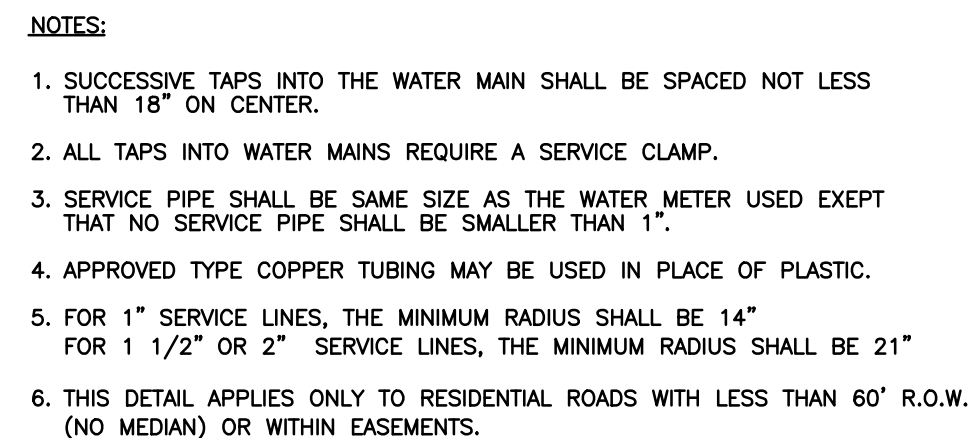
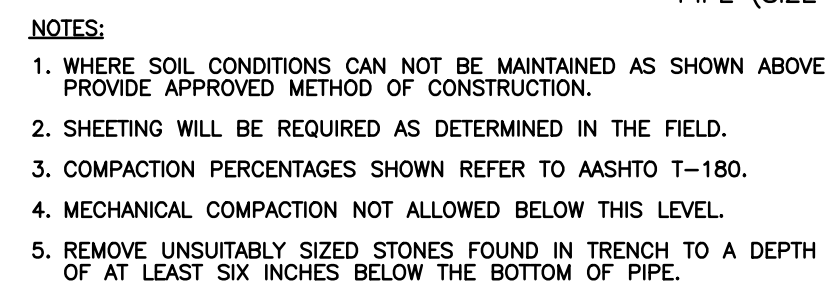
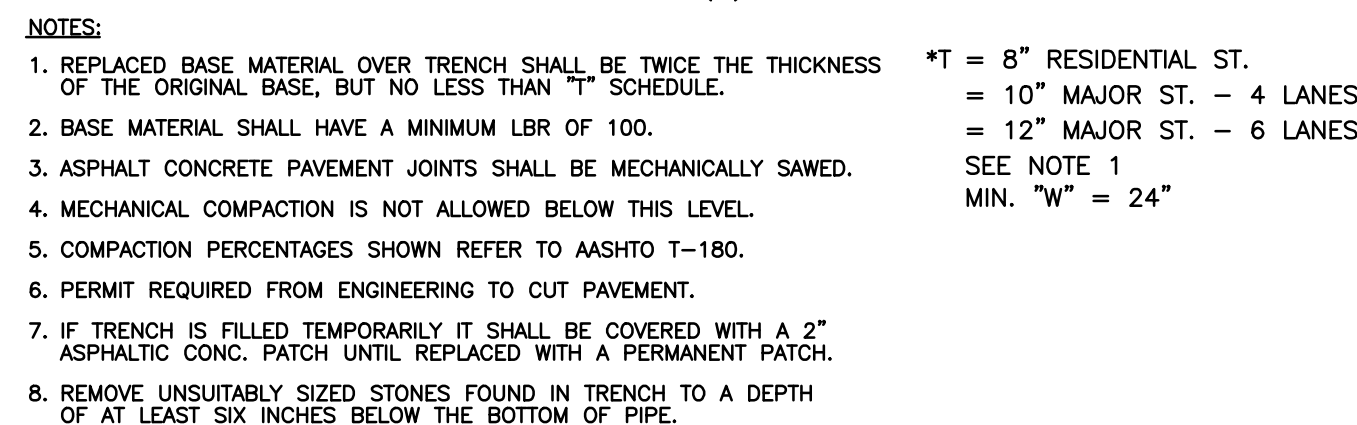
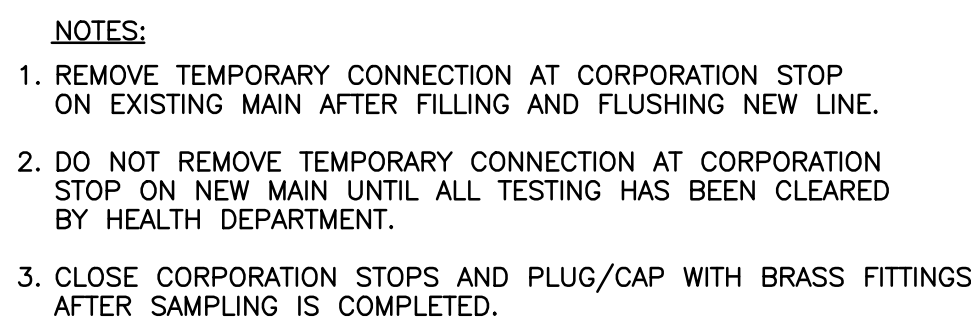
METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

ddt		
DES.	DWN.	CHK.
SHEET NUMBER		
CE3		
DATE DRAWN MAR 2018		



REV.	DESCRIPTION	DATE
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3		
4		
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6		

IMTIAZ AHMED, P.E.
 LICENSED ENGINEER NO. 46102
 STATE OF FLORIDA

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



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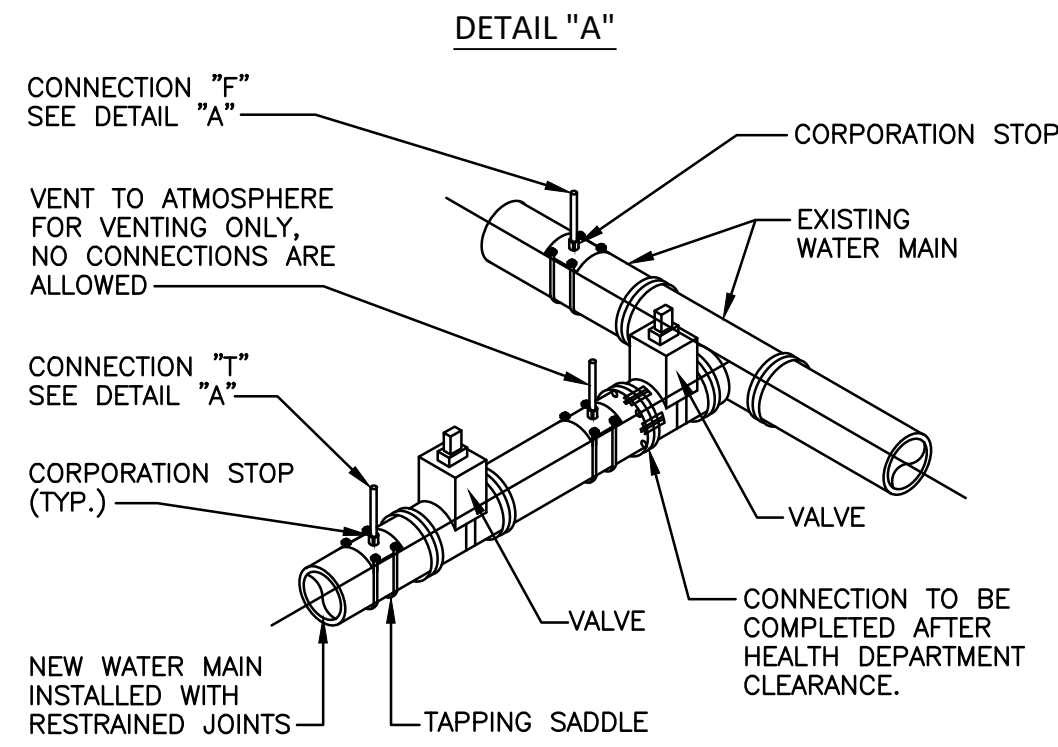
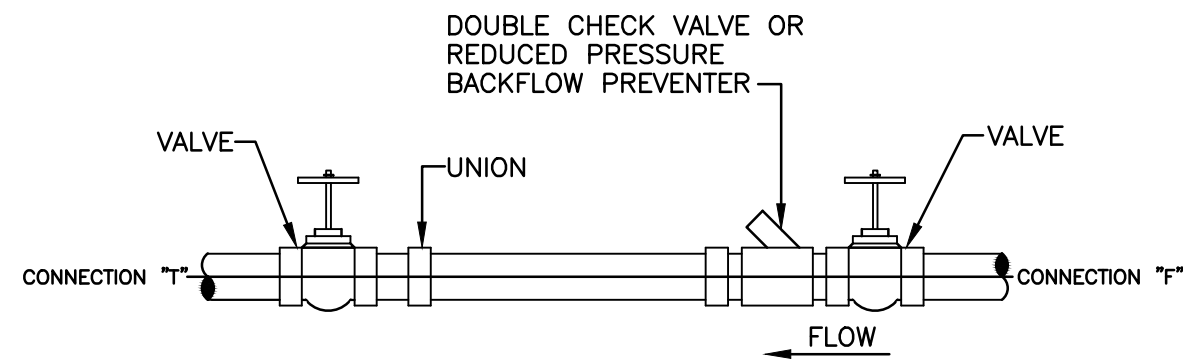
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PROJ. NO. 0000
SCALE: AS SHOWN

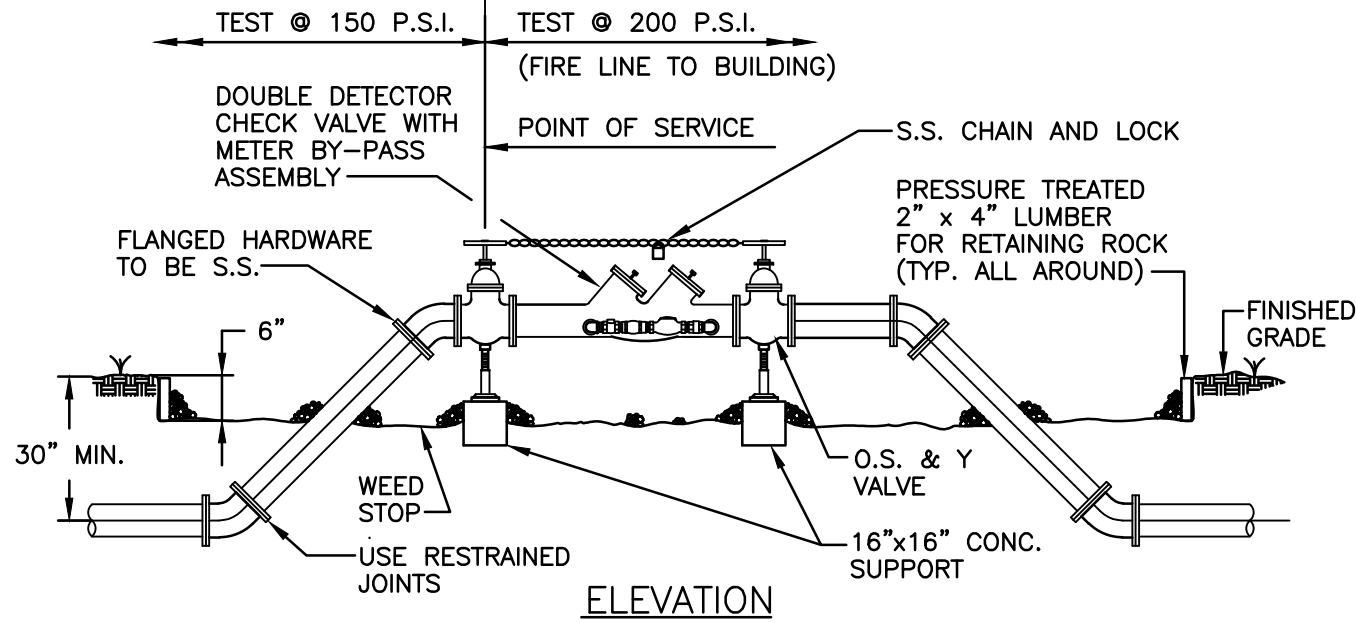
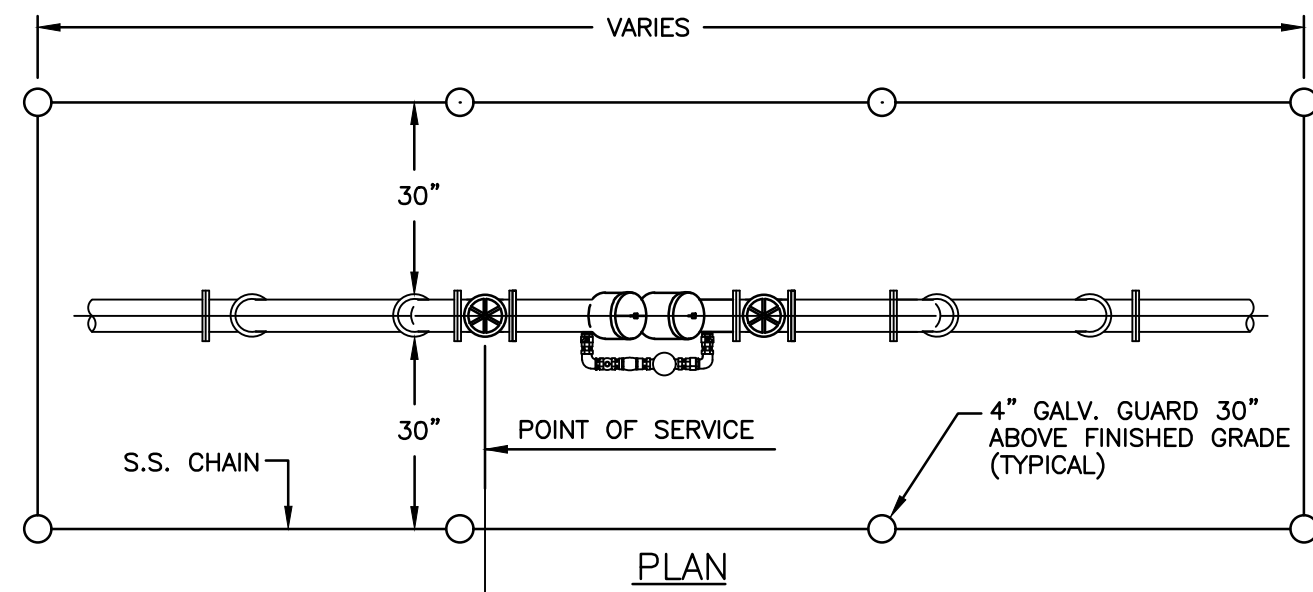
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DES.	DWN.	CHK
SHEET NUMBER		
CE4		
DATE DRAWN		
MAR 2018		

WATER AND SEWER DETAILS

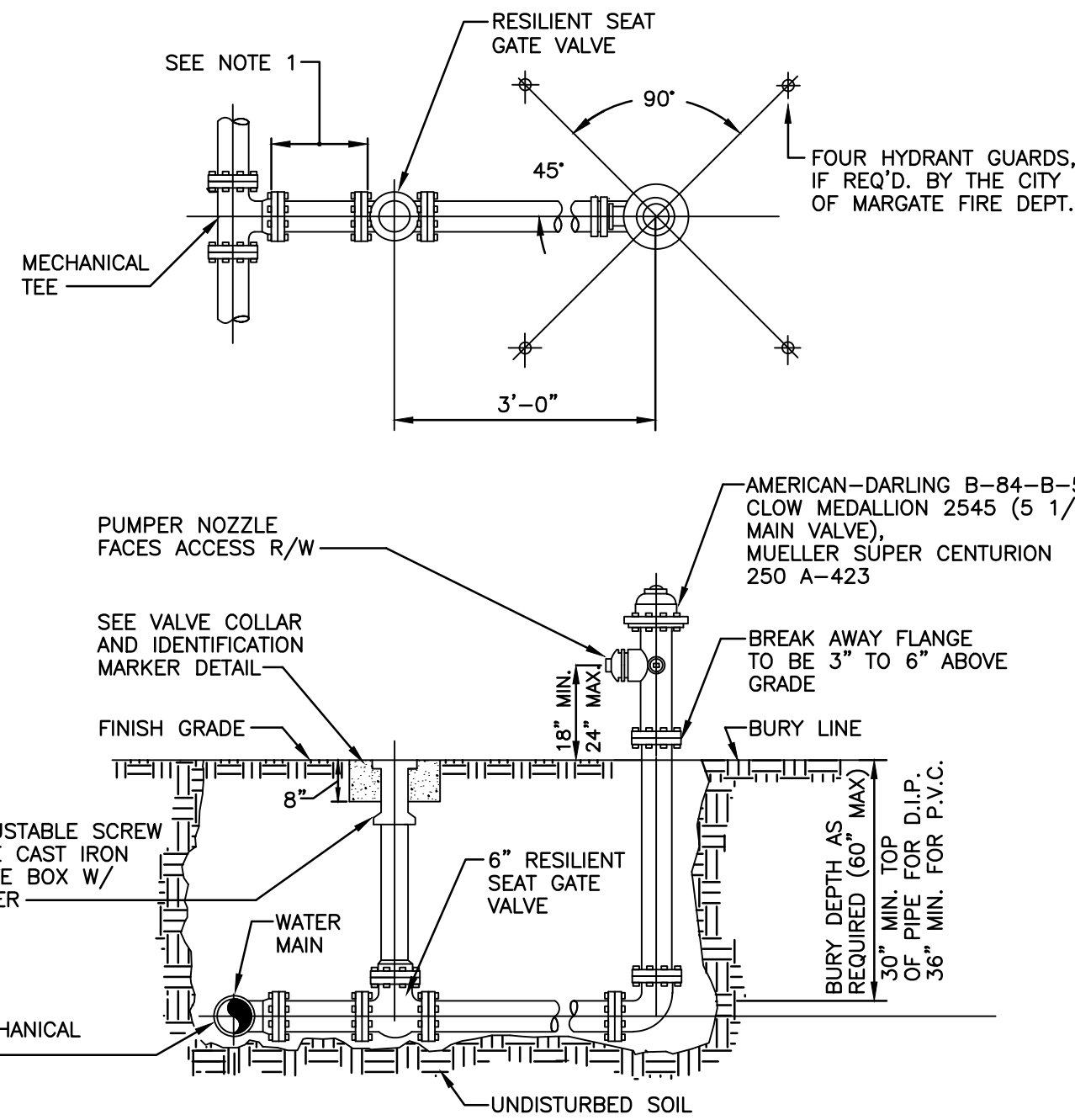
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CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES	
FILLING AND FLUSHING		TRENCH DETAIL (PAVED AREAS)		TRENCH DETAIL (UNPAVED AREAS)		WATER SERVICE CONNECTION FOR 1" TO 2" SERVICES			
W-15		G-4		G-5		W-1			
DATE: 7-1-15 DRAWN: JWEAVER		DATE: 7-1-15 DRAWN: JWEAVER		DATE: 7-1-15 DRAWN: JWEAVER		DATE: 7-1-15 DRAWN: JWEAVER		DATE: 7-1-15 DRAWN: JWEAVER	
CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES		CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES	
METER INSTALLATION FOR 5/8" AND 1" METERS		METER INSTALLATION FOR 1 1/2" AND 2" METERS		SAMPLE POINT		DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY			
W-2		W-3		W-16		W-9			



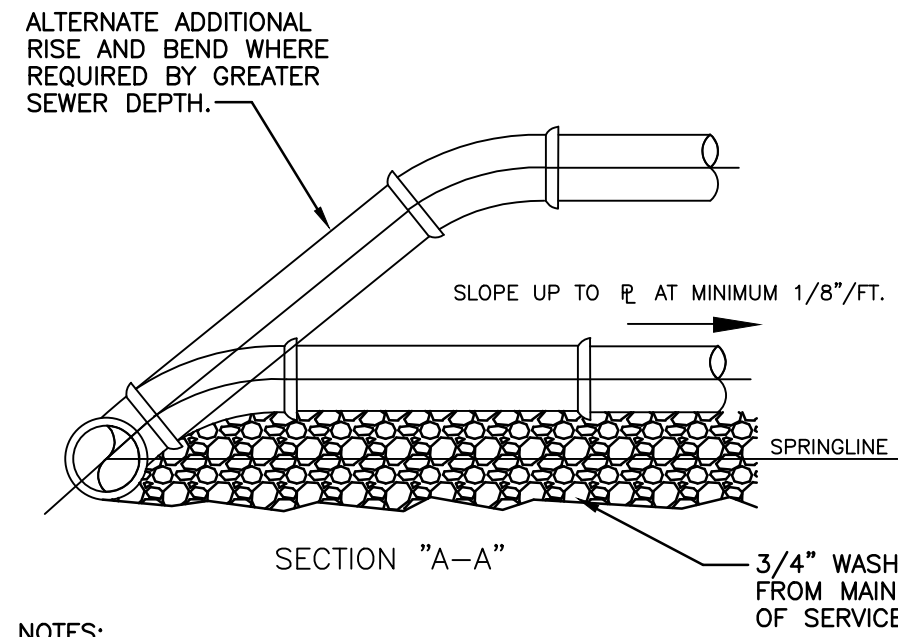
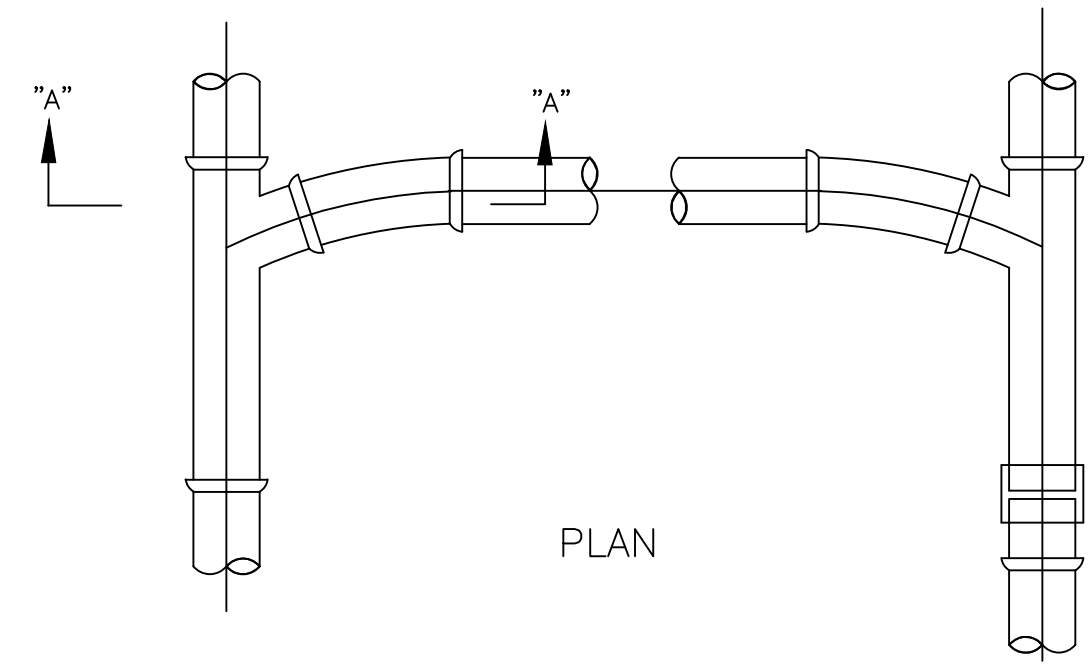
- NOTES:
1. REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON EXISTING MAIN AFTER FILLING AND FLUSHING NEW LINE.
 2. DO NOT REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN UNTIL ALL TESTING HAS BEEN CLEARED BY HEALTH DEPARTMENT.
 3. CLOSE CORPORATION STOPS AND PLUG/CAP WITH BRASS FITTINGS AFTER SAMPLING IS COMPLETED.



- NOTES:
1. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MIN. STANDARDS.
 2. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER
 3. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTORS DIRECTIONS. CHAIN SHALL BE LOOPEED THROUGH EYELETS CAST IN CONCRETE TOP.
 4. PIPING AND ASSEMBLY SHALL BE PAINTED WITH LINEAR POLYURETHANE SYSTEM.
 5. USE 45° BENDS WHEN WORKING IS NOT LIMITED.



- NOTE:
1. USE RESTRAINT JOINTS FOR ENTIRE ASSEMBLY SHOWN.



- NOTES:
1. SINGLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.
 2. DOUBLE SERVICE CONNECTIONS SHALL USE 6" PIPE AND FITTINGS.
 3. USE RISER CONNECTION WHEN INV. OF SEWER IS MORE THAN 7'-0" DEEP.

DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

FILLING AND FLUSHING

W-15

DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

DOUBLE CHECK VALVE
BACKFLOW PREVENTION ASSEMBLY

W-9

DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

FIRE HYDRANT

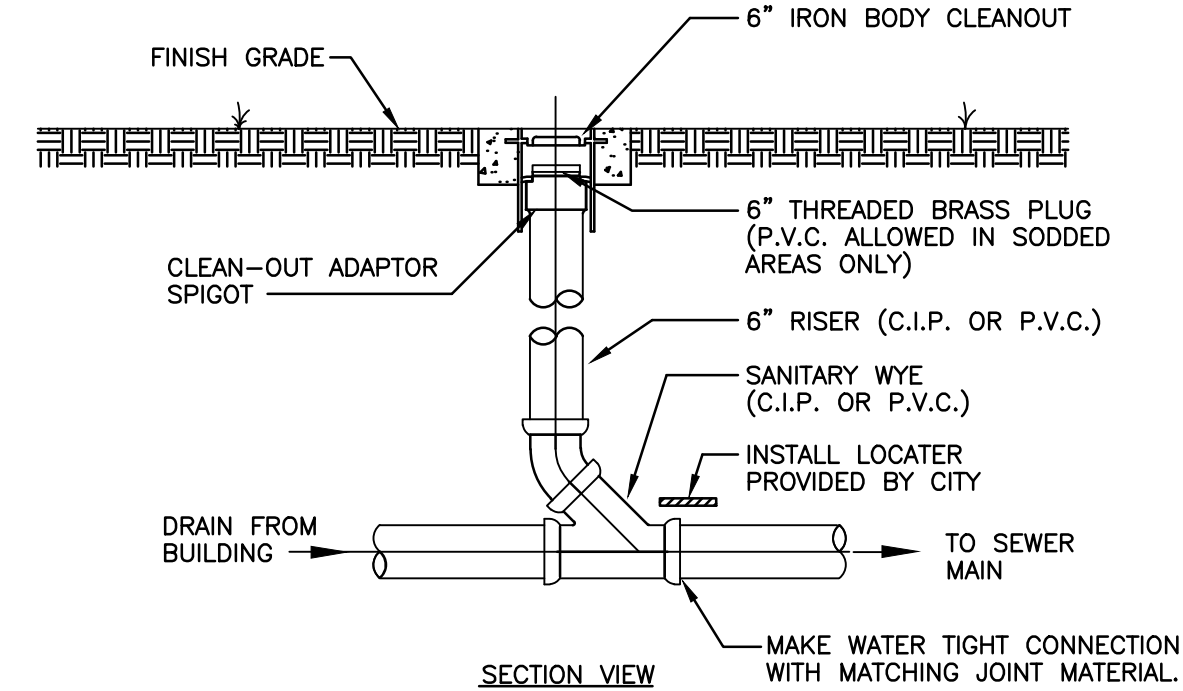
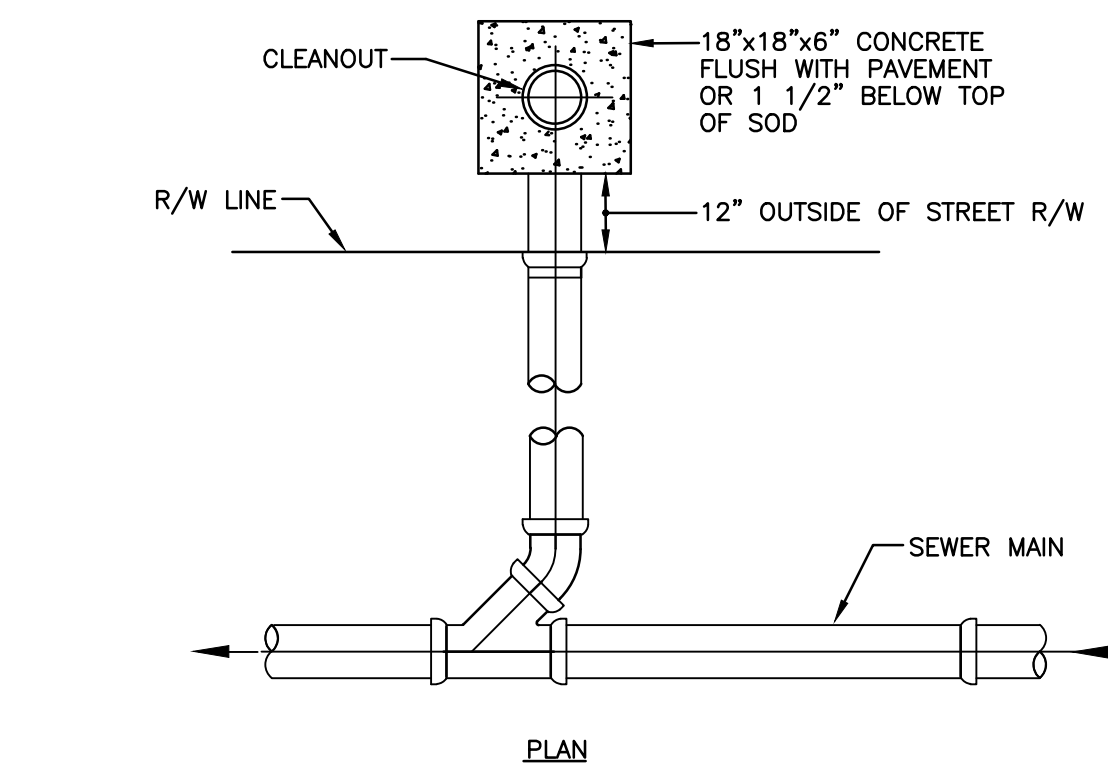
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DATE: 7-1-15 DRAWN: JWEAVER

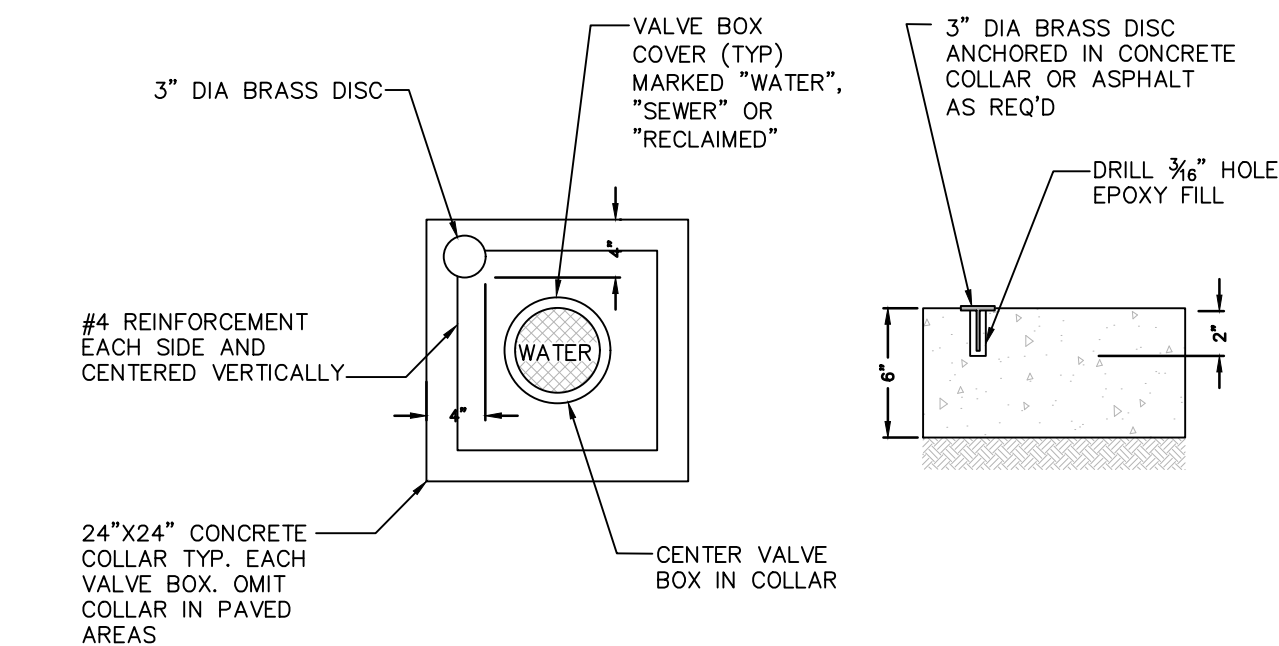
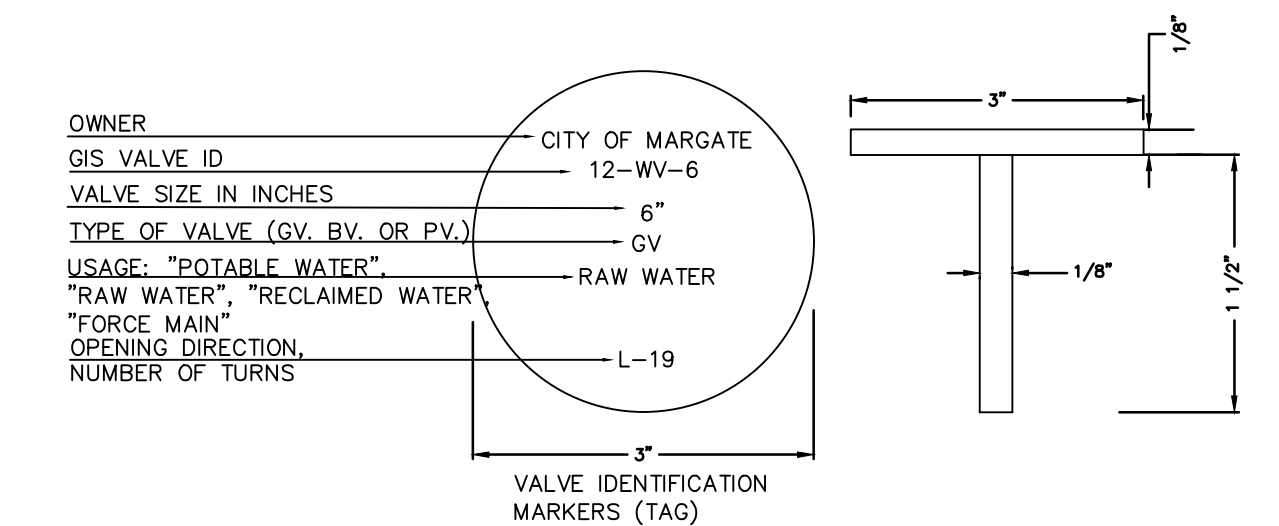
CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

WYE SERVICE
CONNECTION

WW-1



- NOTE:
- PIPING, CAP AND FITTINGS SHALL BE P.V.C. SDR-35



DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

VALVE COLLAR AND
IDENTIFICATION MARKER

G-4

DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

VERTICAL GATE VALVE

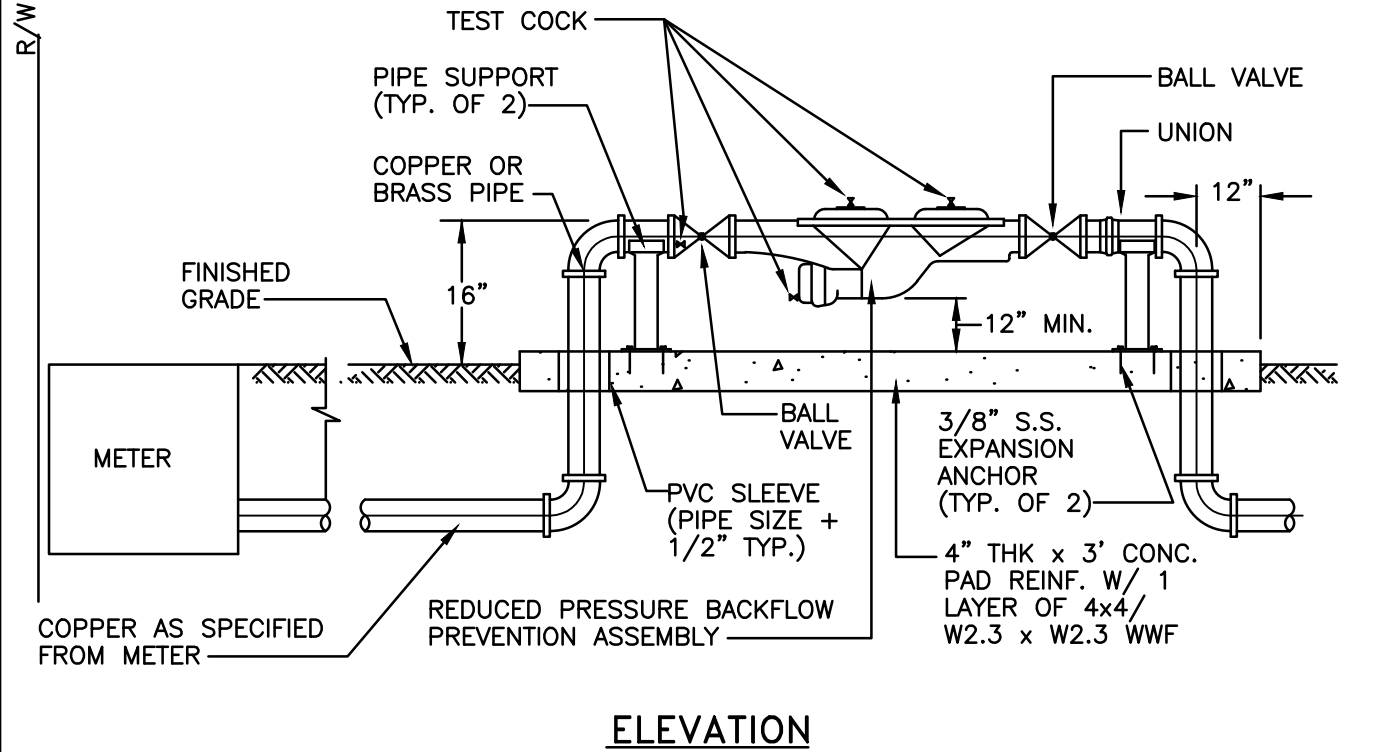
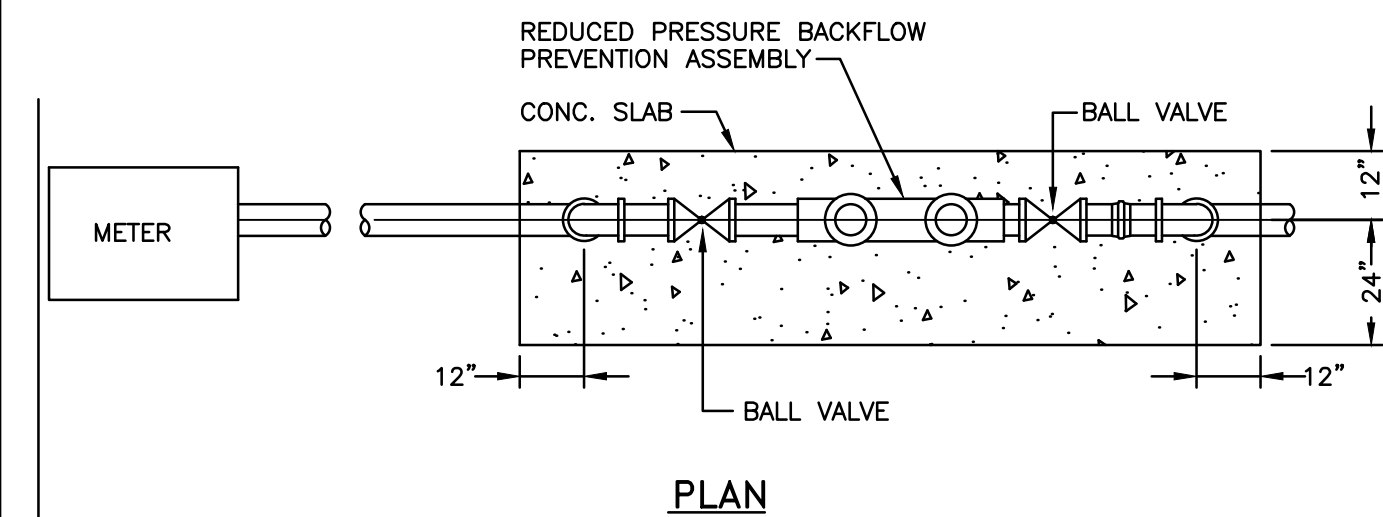
W-13

DATE: 7-1-15 DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA
DEPARTMENT OF ENVIRONMENTAL
AND ENGINEERING SERVICES

REDUCED PRESSURE
BACKFLOW PREVENTION ASSEMBLY
FOR SERVICE SIZE 1" TO 2"

W-7



WATER AND SEWER DETAILS

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

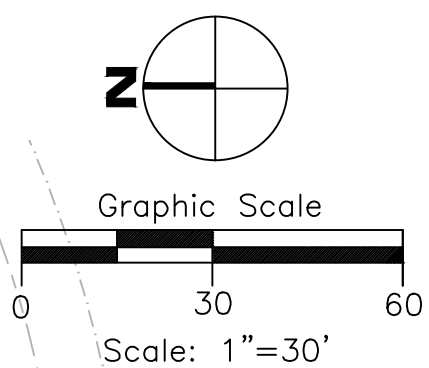
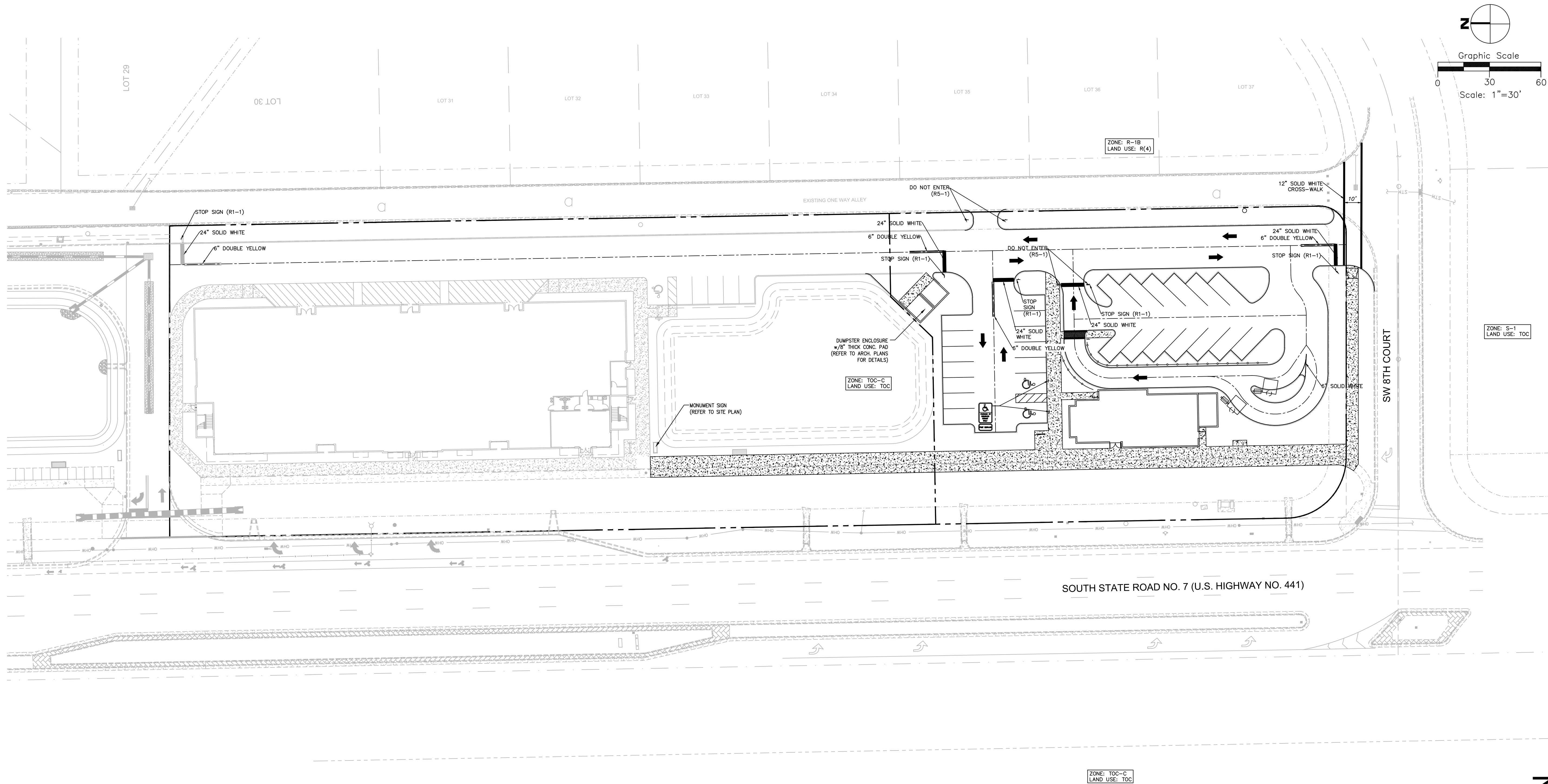


ATLANTIC ENGINEERING SERVICES, INC.

200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

ddt
DES. DWN. CHK.
SHEET NUMBER
CE5
DATE DRAWN
MAR 2018



- NOTES:
1. PAVEMENT MARKINGS & SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD).
 2. ON-SITE STRIPING SHALL BE IN ACCORDANCE WITH CITY OF MARGATE LAND DEVELOPMENT CODE AND FDOT STANDARD INDEX NO. 17346.
 3. CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD INDEX FOR ROAD CONSTRUCTION NO. 304.

ACCESSIBILITY NOTES:

1. ACCESSIBLE ROUTES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE - ACCESSIBILITY.
2. ALL WALKS CROSSING A VEHICULAR AREA SHALL HAVE DETECTABLE WARNING SURFACE (TRUNCATED DOME) IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - ACCESSIBILITY.
3. CURB RAMP SLOPES AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX NO. 304. CURB RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME AND SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

NOTE:
NUVO MARGATE SELF STORAGE PORTION SHOWN FOR INFORMATIONAL PURPOSES ONLY.
FOR NUVO MARGATE SELF STORAGE CONSTRUCTION DOCUMENTS SEE McLEAD MCCARTHY & ASSOCIATES PLANS.

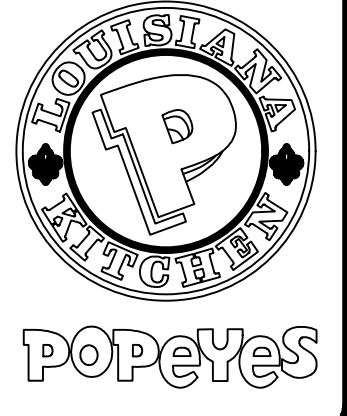
PAVEMENT MARKING PLAN

REV.	DESCRIPTION	DATE
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5		

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



ATLANTIC ENGINEERING SERVICES, INC.
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DES.	DWN.	CHK.
ddt		

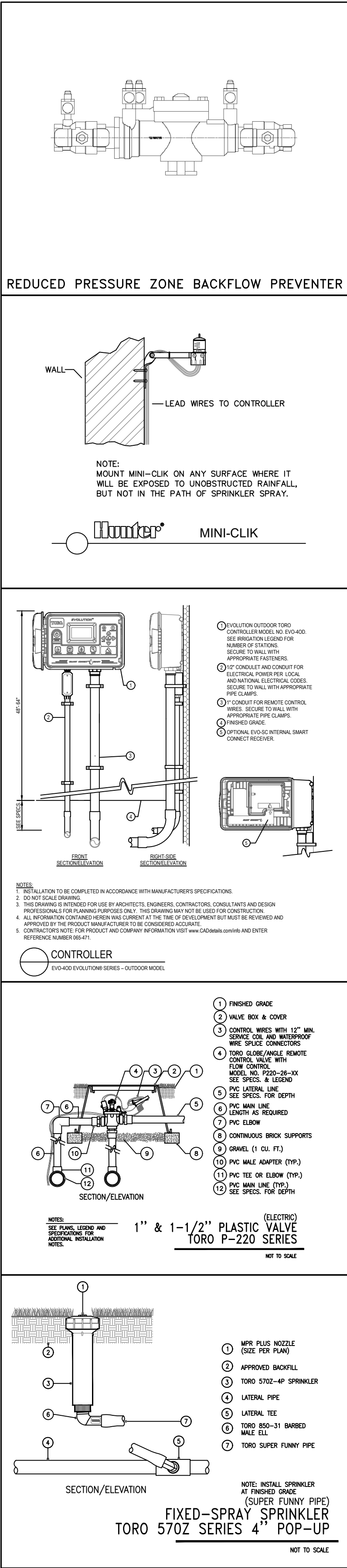
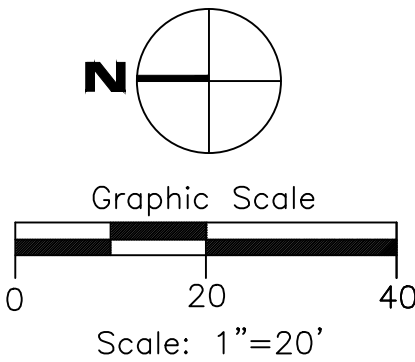
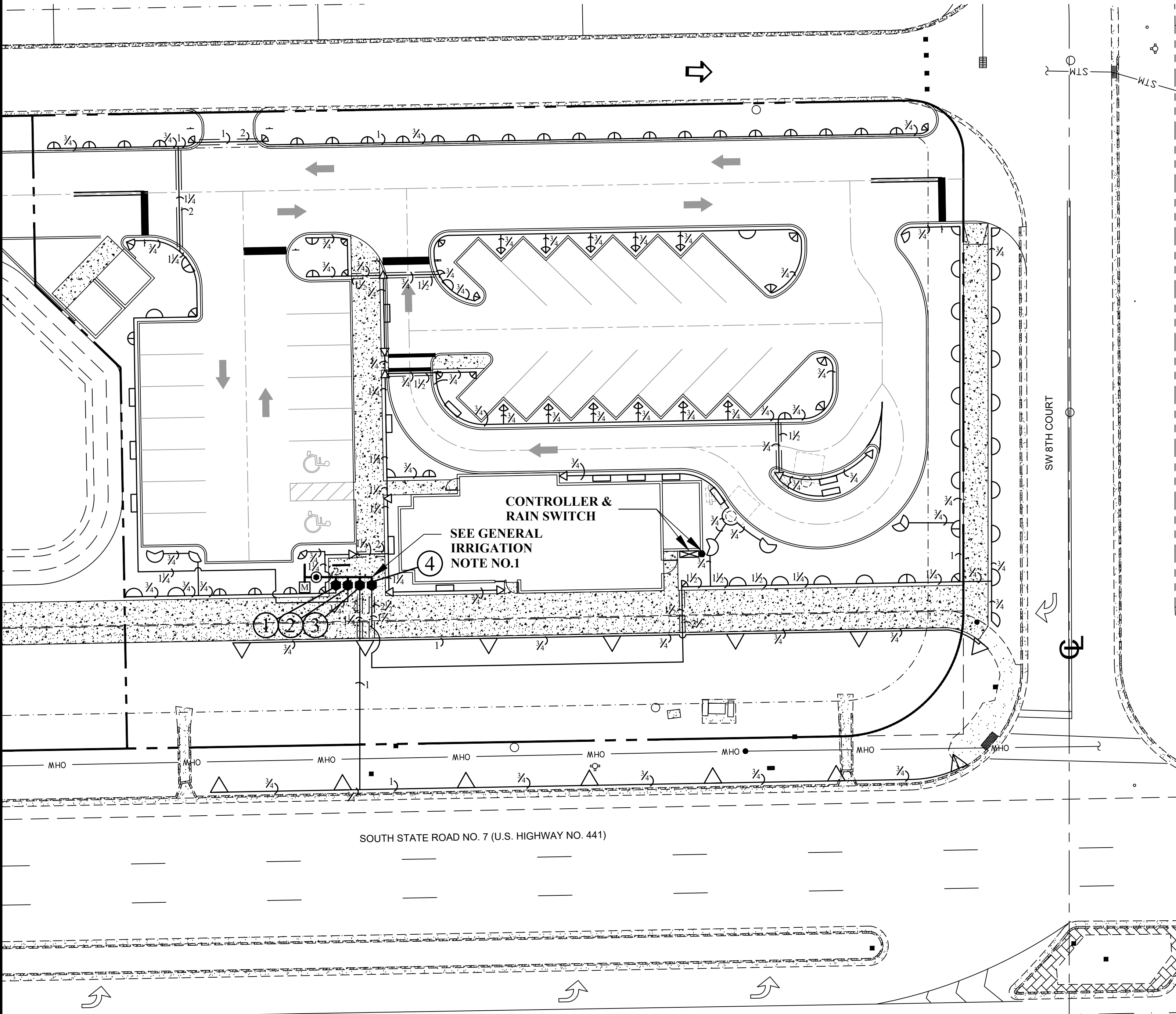
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DATE DRAWN
MAR 2018

SPRINKLER ZONE SUMMARY

Zone No.	Head Type	GPM	Valve Size
1	Spray	30	1 1/2"
2	Spray	23	1 1/2"
3	Rotor	24	1 1/2"
4	Spray	32	1 1/2"

Total head count: 120 Sprays
14 Rotors



GENERAL IRRIGATION NOTES

1. This design is diagrammatic. All piping, valves, etc., shown within paved areas or outside property lines is for design clarification only and shall be installed in landscaped areas within the property boundaries where possible. No irrigation equipment may be installed outside property lines unless otherwise directed.
2. This system has been designed to conform with the requirements of the applicable codes. Should any conflict exist, the requirements of the codes shall prevail.
3. All sprinkler equipment not otherwise detailed or specified shall be installed as per the manufacturer's recommendations and specifications.
4. Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of the larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.
5. It is the responsibility of the Irrigation Contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The Irrigation Contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves and laterals through walls, under roadways and paving, etc. The Irrigation Contractor shall also familiarize himself with the landscape plan and coordinate the installation with the Landscape Contractor.
6. Do not willfully install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the Irrigation Contractor shall assume full responsibility for any changes necessary.
7. The Irrigation Contractor shall flush and adjust all sprinkler heads and valves for optimum coverage with no overspray on to walks, streets, walls, etc. To eliminate overspray, low angle and variable arc nozzles may be substituted for standard spray nozzles.
8. All pipe and wire installed beneath paving shall be sleeved in Schedule 40 PVC pipe.
9. All threaded PVC joints shall be made using Schedule 80 PVC nipple stubs and solvent weld couplings. No threaded adapters will be allowed. All other PVC joints shall be of the same type as the specified pipe, i.e., 'O' ring or solvent weld.
10. All above ground piping shall be schedule 40PVC, unless other wise specified.
11. All sprinkler heads with flow rates of 7 GPM or less shall be mounted on flex type swing joints. Flex type pipe shall be used for swing joints only and not lateral lines. All sprinkler heads with flow rates greater than 7 GPM shall be mounted on PVC swing joints of the same size as the sprinkler head inlet.
12. All sprinkler heads shown as solid symbols may be mounted on schedule 40 PVC risers. Unless otherwise specified shrub type heads may be substituted for 4" (or less) pop-up heads. Riser height to be determined by plant material. Riser extenders may be used on pop-up heads. All shrub risers shall be Schedule 40 PVC and painted flat or satin black. Risers shall be supported with rebar or angle iron secured by stainless steel clamps. All sprinkler heads shown on risers adjacent to public thoroughfares shall be installed 12" (min) from edge of pavement.
13. This system has been designed to provide a 100% coverage with 100% overlap. All water used for irrigation shall be rust free. If a chemical injection system is used in a well water system, the well shall be protected in accordance with Florida state law.

Symbol	Manufacturer	Part No.	Description
		2"	Irrigation meter.
	Watts	909 Series - 2"	Reduced Pressure Zone backflow preventer.
	Toro	EVO-40D	Controller-mount at location shown or as directed.
	Hunter	Mini-Click II	Rain switch-mount at location shown or as directed.
	Toro	P220-26-06	1 1/2" solenoid valve with valve box.
		Schedule 40	PVC main
		SDR26 / Class160	PVC pipe
		Schedule 40	PVC sleeves
		14AWG Type UF	Direct burial irrigation wire.

SPRINKLER HEAD SCHEDULE

Symbol	Toro Part No.	Type	PSI	GPM	Rad.
	570Z-4P-8-H-PC	4" pop-up spray	30-40	.44	8'
	570Z-4P-10-Q-PC	4" pop-up spray	30-40	.33	10'
	570Z-4P-10-T-PC	4" pop-up spray	30-40	.44	10'
	570Z-4P-10-H-PC	4" pop-up spray	30-40	.66	10'
	570Z-4P-12-Q-PC	4" pop-up spray	30-40	.48	12'
	570Z-4P-12-T-PC	4" pop-up spray	30-40	.64	12'
	570Z-4P-12-H-PC	4" pop-up spray	30-40	.96	12'
	570Z-4P-12-TT-PC	4" pop-up spray	30-40	1.28	12'
	570Z-4P-15-Q-PC	4" pop-up spray	30-40	.75	15'
	570Z-4P-15-T-PC	4" pop-up spray	30-40	1.00	15'
	570Z-4P-15-H-PC	4" pop-up spray	30-40	1.50	15'
	570Z-4P-15-TT-PC	4" pop-up spray	30-40	2.00	15'
	570Z-4P-4-EST-PC	4" pop-up spray	30-40	.43	4' X 15'
	570Z-4P-4-SST-PC	4" pop-up spray	30-40	.88	4' X 30'
	T5P-15	Pop-up-rotor	35	1.38	34'
	T5P-20	Pop-up-rotor	35	1.80	35'

THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF APPENDIX F, CONSTRUCTION AND BUILDING CODES FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, OF THE FLORIDA BUILDING CODE.

IRRIGATION PLAN

DATE

DESCRIPTION

REV.

1

2

3

4

5

6

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

SEAL

METRO CHICKEN

750 STATE ROAD 7

MARGATE, FLORIDA

ATLANTIC ENGINEERING SERVICES, INC.

200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

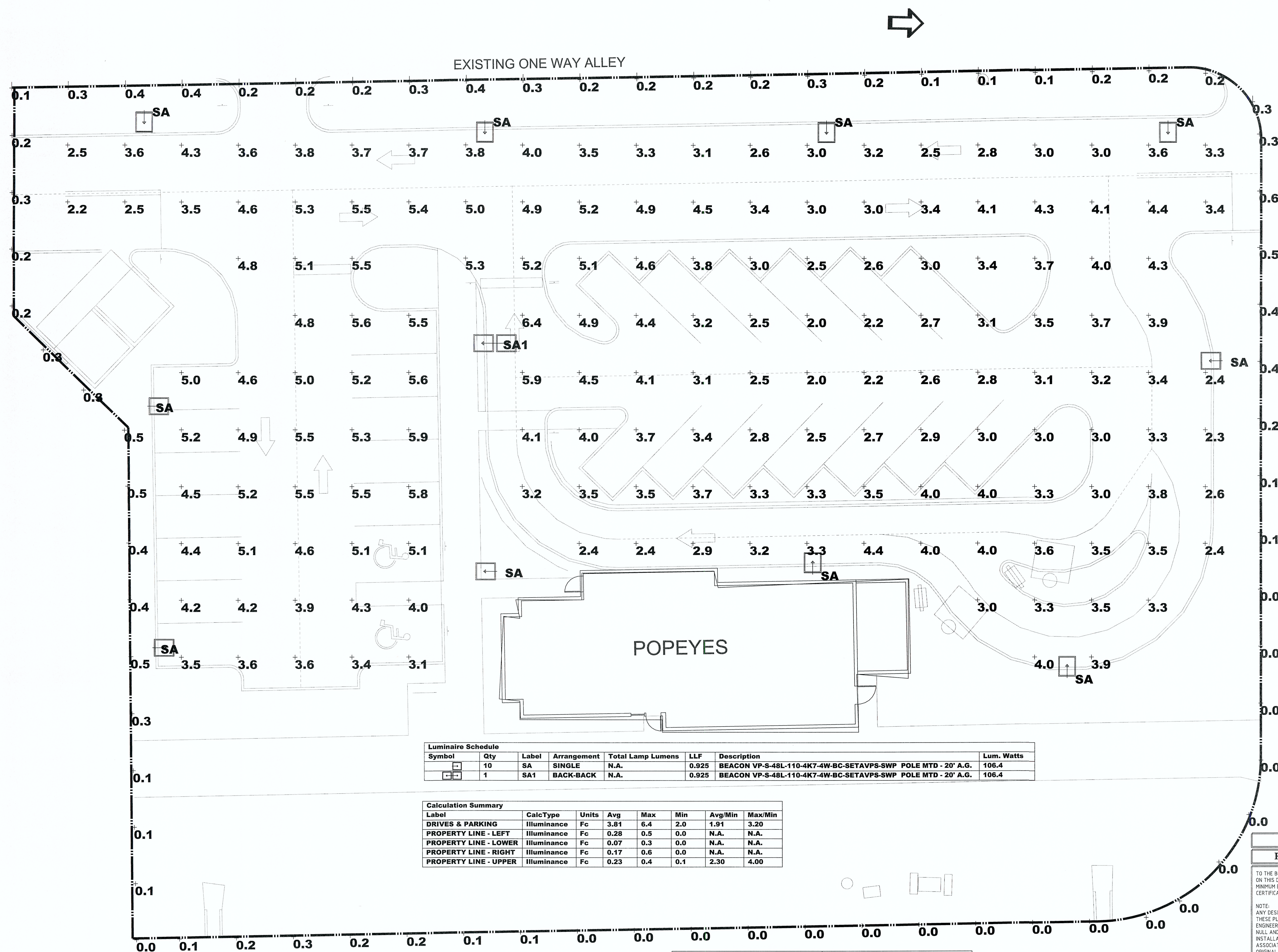
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DES.	DWN.	CHK.

SHEET NUMBER

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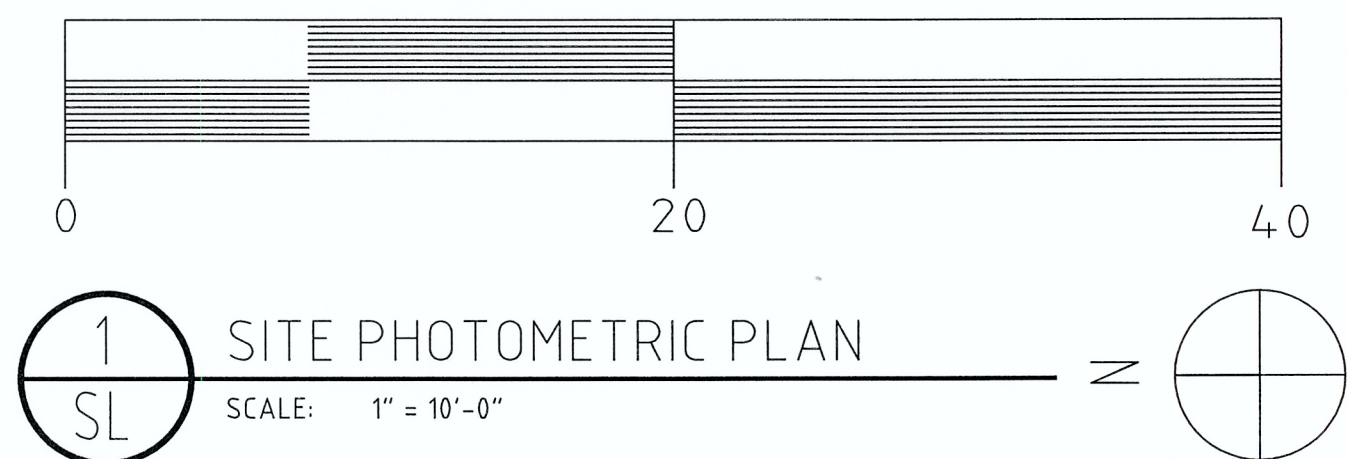
DATE DRAWN
FEBRUARY 2, 2019



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
SA	10	SA	SINGLE	N.A.	0.925	BEACON VP-S-48L-110-4K7-4W-BC-SETAVPS-SWP POLE MTD - 20' A.G.
SA1	1	SA1	BACK-BACK	N.A.	0.925	BEACON VP-S-48L-110-4K7-4W-BC-SETAVPS-SWP POLE MTD - 20' A.G.

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVES & PARKING	Illuminance	Fc	3.81	6.4	2.0	1.91	3.20
PROPERTY LINE - LEFT	Illuminance	Fc	0.28	0.5	0.0	N.A.	N.A.
PROPERTY LINE - LOWER	Illuminance	Fc	0.07	0.3	0.0	N.A.	N.A.
PROPERTY LINE - RIGHT	Illuminance	Fc	0.17	0.6	0.0	N.A.	N.A.
PROPERTY LINE - UPPER	Illuminance	Fc	0.23	0.4	0.1	2.30	4.00

NO CHANGES ACCEPTED WITHOUT THE APPROVAL & NOTIFYING THE ENGINEER OF RECORD.
AS-BUILTS ARE TO BE PROVIDED 2 WEEKS PRIOR TO FINAL INSPECTION



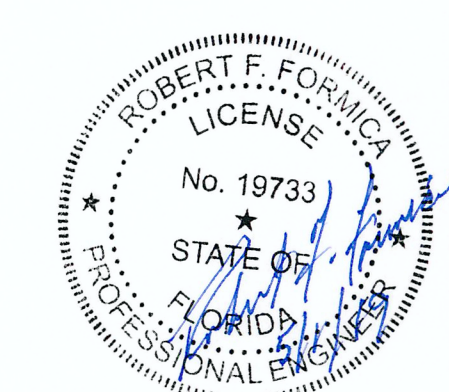
- ISSUED FOR
- ☐ REVIEW & COMMENTS
 - ☐ BIDDING
 - ☐ NOT FOR CONSTRUCTION
 - ☐ PERMIT ONLY
 - ☐ CONSTRUCTION
 - ☒ REVISIONS

REVISION: 03/11/19
PERMIT SET: 01/31/19

TO THE BEST OF MY KNOWLEDGE, THE DESIGN DEPICTED ON THIS DRAWING COMPLIES WITH THE APPLICABLE MINIMUM BUILDING CODE IN EFFECT AS OF DATE OF CERTIFICATION BELOW.

NOTE: ANY DESIGN CHANGES, TO THE SYSTEM COVERED BY THESE PLANS WITHOUT PRIOR APPROVAL OF THE ENGINEER WHO PREPARED THESE PLANS, WILL NULL AND VOID THESE PLANS AND THE REVISED INSTALLATION. IN ADDITION, ALL EXPENSES ASSOCIATED WITH RETURNING THE SYSTEM TO ITS ORIGINAL DESIGN WILL BE THE RESPONSIBILITY OF THE COMPANY WHICH APPROVED THESE CHANGES. FINAL BID TO INCLUDE PERMIT COMMENTS.

FORMICA & ASSOCIATES Inc.
Consulting Engineers
3500 N.W. Boca Raton Blvd.
Suite #711
Boca Raton, FL 33431
TEL: (561) 368-3611
Certificate #0000818
Robert F. Formica, P.E. License #19733
E-mail: bob@formicaengineering.com



DATE	3-11-19
DESCRIPTION	SITE BDC
REV.	A

IMTAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

POPEYES

ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 219018
SCALE: AS SHOWN

KP	MS	RFF
DES.	DWN.	CHK.

SHEET NUMBER
SL1
DATE DRAWN
01/31/19

VIPER S

STRIKE

SMALL VIPER LUMINAIRE

Cat.#

Job

Type



Approvals

SPECIFICATIONS

Intended Use:

The Beacon Viper luminaire is available with a wide choice of different LED Wattage configurations and optical distributions designed to replace HID lighting up to 400W MH or HPS.

Construction:

- Manufactured with die cast aluminum.
- Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 cracking and loss of adhesion test requirements.
- External hardware is corrosion resistant.
- One piece optical cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel.
- Cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system.
- Two-piece silicone and micro-cellular polyurethane foam gasket ensures a weather-proof seal around each individual LED.

Electrical:

- 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input.
- Power factor is $\geq .90$ at full load.
- Dimming drivers are standard, but must contact factory to request wiring leads for purpose of external dimming controls.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.
- Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only.
- Fixture electrical compartment shall contain all LED driver components and shall be provided with a push-button terminal block for AC power connections.
- Surge protection - 20kA.
- Optional 7-pin ANSI C136.41-2013 twist-lock photo control receptacle available. Compatible with ANSI C136.41 external wireless control devices.
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.).

Controls/Options:

- Available with an optional passive infrared (PIR) motion sensor capable of detecting motion 360° around the luminaire. When no motion is detected for the specified time, the Motion Response system reduces the wattage to factory preset level, reducing the light level accordingly. When motion is detected by the PIR sensor, the luminaire returns to full wattage and full light output. Please contact Beacon Products if project requirements vary from standard configuration.
- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night (see www.beaconproducts.com/products/energeni).
- In addition, Viper can be specified with SiteSync™ wireless control system for reduction in energy and maintenance costs while optimizing light quality 24/7. For more details, see ordering information or visit: www.hubbellighting.com/sitesync

Installation:

- Mounting options for horizontal arm, vertical tenon or traditional arm mounting available. Mounting hardware included.

Finish:

- IFS polyester powder-coat electrostatically applied and thermocured. IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 2604 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

Certifications/Ratings:

- DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>
- Certified to UL 1598, UL 8750 and CSA C22.2 No.250.0
- IDA approved
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available at: <http://www.beaconproducts.com/products/vipersmall>

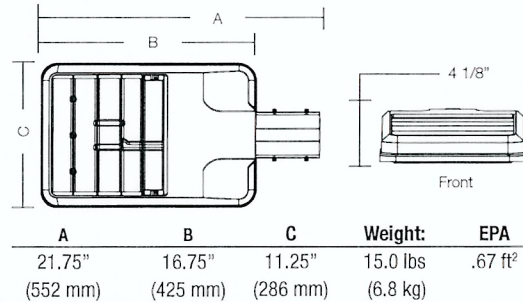
Warranty:

Five year limited warranty for more information visit: www.hubbellighting.com/resources/warranty

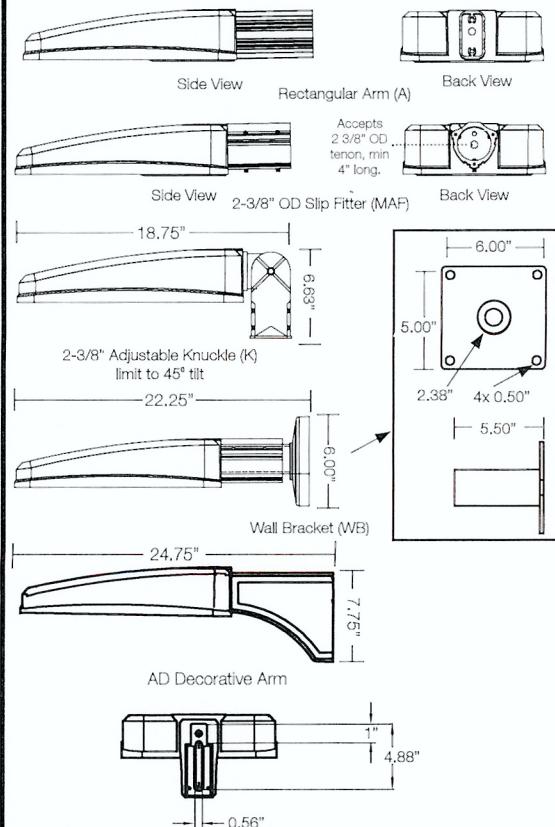
PRODUCT IMAGE(S)



DIMENSIONS



MOUNTING OPTIONS



CERTIFICATIONS/LISTINGS



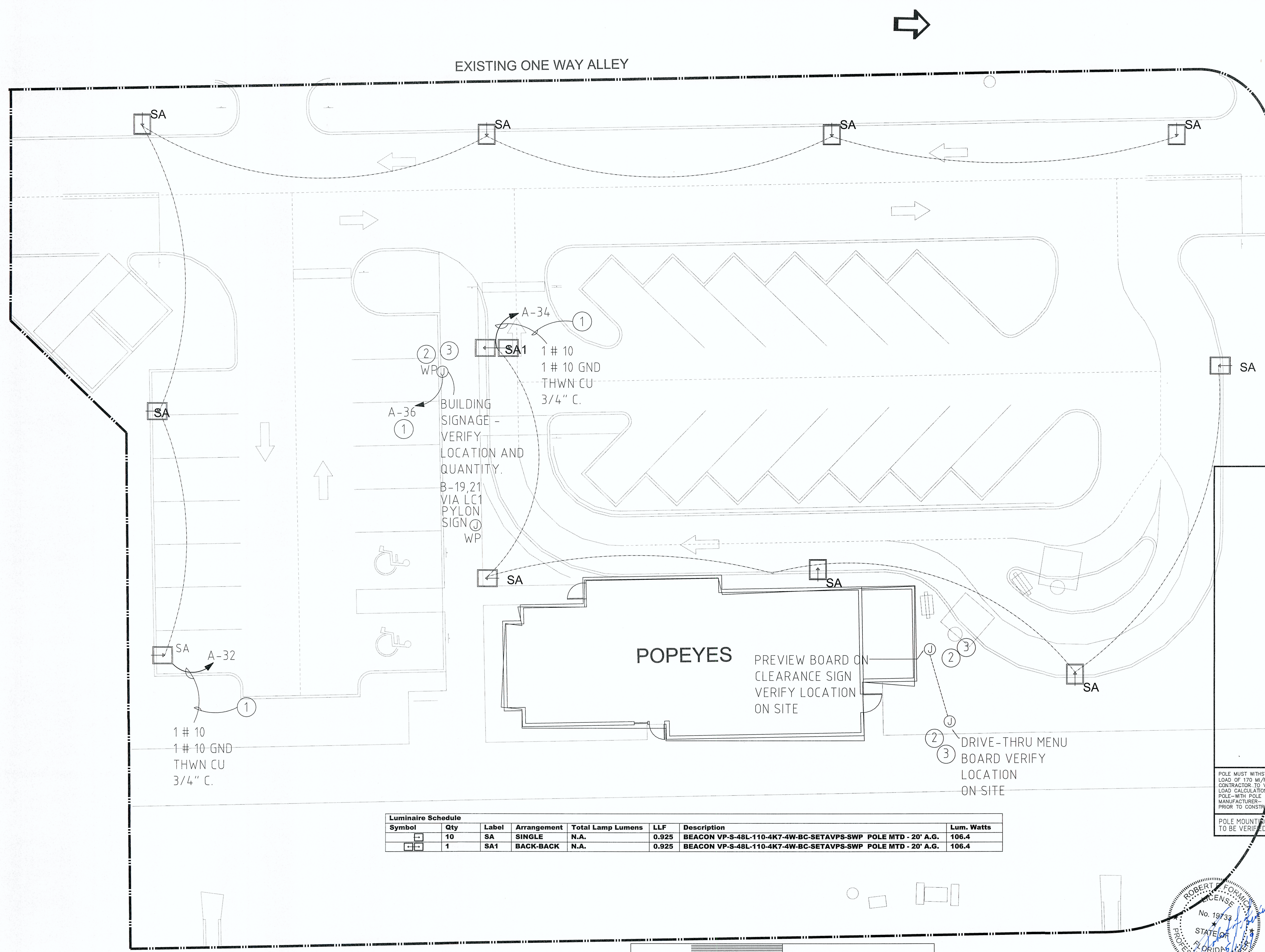
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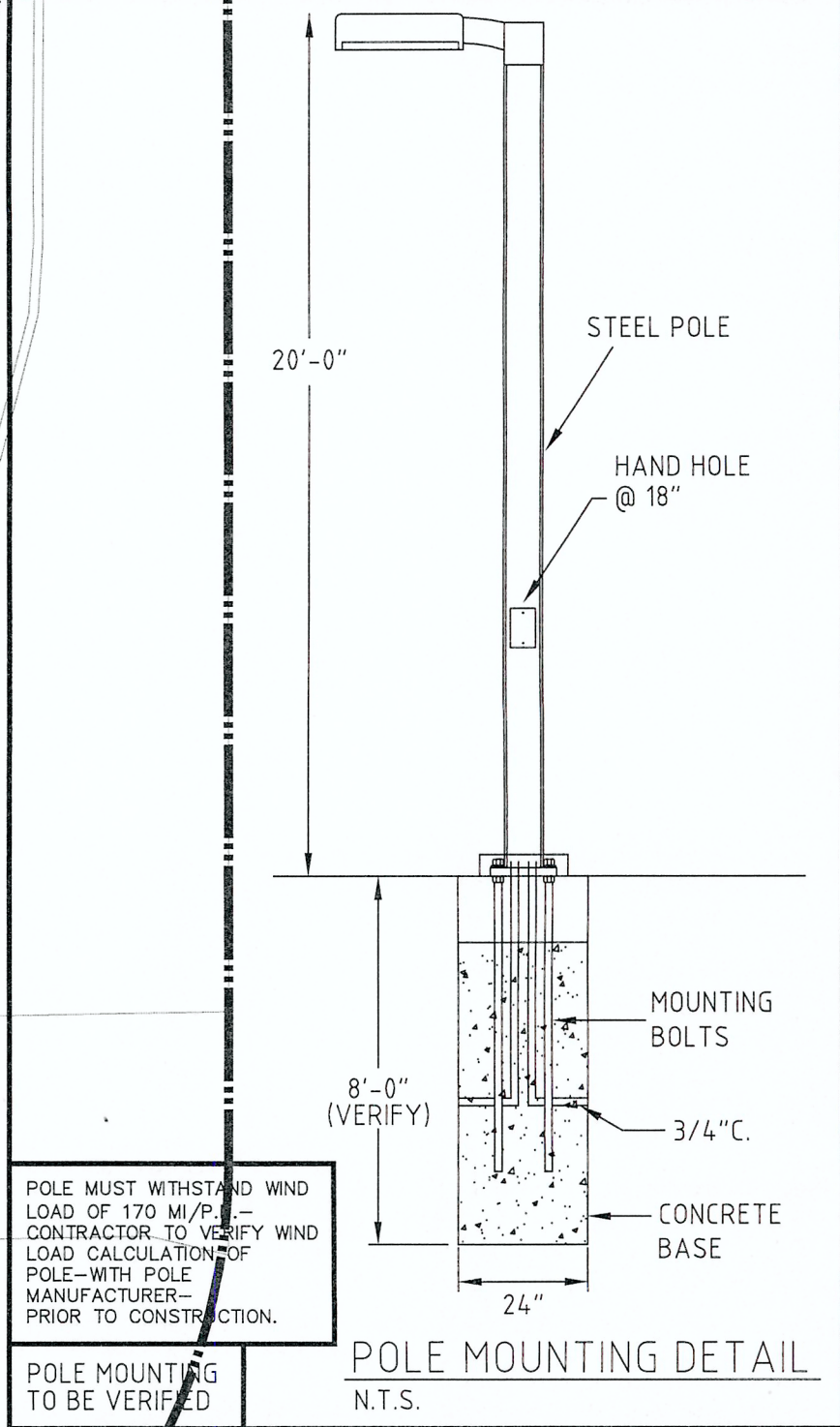
Beacon Products • 2041 58th Avenue Circle East Bradenton, FL 34203 • Phone: 800-345-4928
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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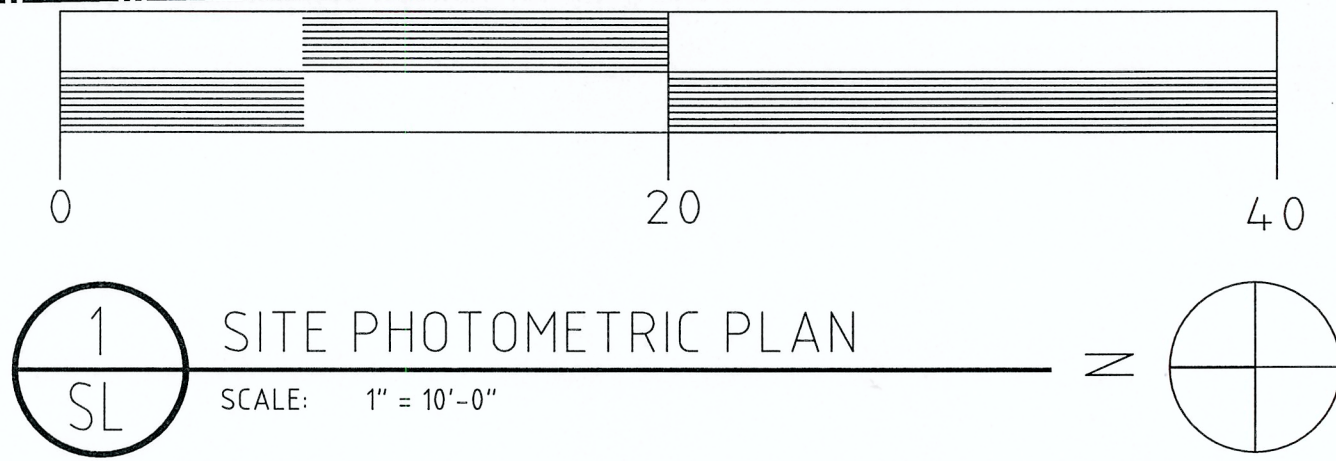




Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
SA	10	SA	SINGLE	N.A.	0.925	BEACON VP-S-48L-110-4K7-4W-BC-SETAVPS-SWP POLE MTD - 20' A.G.
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NO CHANGES ACCEPTED WITHOUT THE APPROVAL & NOTIFYING THE ENGINEER OF RECORD.
AS-BUILTS ARE TO BE PROVIDED 2 WEEKS PRIOR TO FINAL INSPECTION



- ISSUED FOR**
- ☐ REVIEW & COMMENTS
 - ☐ BIDDING
 - ☐ NOT FOR CONSTRUCTION
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 - ☐ CONSTRUCTION
 - ☒ REVISIONS

REVISION: 03/11/19
PERMIT SET: 01/31/19

TO THE BEST OF MY KNOWLEDGE, THE DESIGN DEPICTED ON THIS DRAWING COMPLIES WITH THE APPLICABLE MINIMUM BUILDING CODE IN EFFECT AS OF DATE OF CERTIFICATION BELOW.

NOTE:
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TEL: (561) 368-3811
Certificate #00008819
Robert F. Formica, P.E. License #19733
E-mail: bobf@formicaengineering.com

REV.	DESCRIPTION	DATE
1	SITE BDC	3-11-19
2		
3		
4		
5		

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 461
STATE OF FLORIDA

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE: (561) 358-4140
FAX: (561) 366-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 219018
SCALE: AS SHOWN

KP	MS	RFF
DES.	DWN.	CHK.
SHEET NUMBER		
SL2		
DATE DRAWN		
01/31/19		

SITE ELECTRICAL PLAN

SPECIFICATIONS:

DIVISION 7: THERMAL AND MOISTURE PROTECTION

SECTION 7C: SHEET METAL WORK

GENERAL PROVISION
1. SCOPE: FURNISH AND INSTALL GRAVEL STOPS, FLASHING, PARAPET CAP, DOWNSPOUTS, AND GUTTERS.

A. ROOFING MEMBRANE FLASHING IS INCLUDED IN SECTION 7B: MEMBRANE ROOFING.

MATERIALS

1. MATERIALS SHEET METAL: .032 ALUMINUM.
2. NAIL FASTENERS: 1 3/4" X 11 GAUGE GALVANIZED, STAINLESS STEEL, OR ALUMINUM ROOFING NAILS MAY BE USED FOR FASTENERS INTO WOOD WHEN CONCEALED ONLY.

3. WASHERS: NEOPRENE

4. SCREW FASTENERS: CORROSION-RESISTANT, SELF-TAPPING, HEX HEAD SCREW, 1/4" MINIMUM DIAMETER WITH SUFFICIENT LENGTH TO PENETRATE 1" MINIMUM INTO WOOD OR 1/2" MINIMUM INTO STEEL. PROVIDE NEOPRENE SEALING WASHER FOR EXPOSED FASTENING.

PERFORMANCE

1. INSTALLATION: EXPOSED FLASHINGS SHALL BE PAINTED TO MATCH ADJACENT MATERIALS. VERIFY WITH POPEYES' CONSTRUCTION MANAGER.

SECTION 7D: STANDING SEAM CANOPY

PART 1 - GENERAL

1.0 SUBMITTALS

A. SUBMIT FOR APPROVAL SAMPLES, SHOP DRAWINGS, PRODUCT DATA.

QUALITY ASSURANCE

A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

WARRANTY

METAL ROOF SYSTEM MANUFACTURER, UPON FINAL ACCEPTANCE FOR PROJECT, FURNISH A WARRANTY COVERING BARE METAL AGAINST RUPTURE, STRUCTURAL FAILURE AND PERFORATION DUE TO NORMAL ATMOSPHERIC CORROSION EXPOSURE FOR A PERIOD OF 20 YEARS.

PART 2 - PRODUCTS (UC4 SERIES, AS MANUFACTURED AND SPECIFIED BY UNA-CLAD, METAL ROOF SYSTEMS.)

2.0 MATERIALS

A. METAL ROOF SYSTEM PROFILE:
1. UC-4 "NO CLIP", 1 1/2" HIGH BATTENS x 12" RIB TO RIB. (SMALL BATTEN-SB)
2. CONCEALED FASTENER

B. GAUGE:

1. .026 GAUGE - STEEL

C. TEXTURE:

1. SMOOTH.

D. FINISH:

1. PREMIUM FLUOROCARBON COATING PRODUCED WITH KYNAR 500 OR HYLAR 5000 RESIN (20 YEAR WARRANTY.)

E. MANUFACTURER:

1. UNA-CLAD OR EQUAL.

PART 3 - EXECUTION

3.0 INSTALLATION

A. COMPLY WITH SHACNA SHEET METAL MANUAL RECOMMENDATIONS. COMPLY WITH ACCESSORY MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS. COORDINATE INSTALLATION WITH ROOFING SYSTEM TO ENSURE WEATHERTIGHT PERFORMANCE.

B. ANCHOR SECURELY TO STRUCTURE TO WITHSTAND INWARD AND OUTWARD LOADS.

C. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.

DIVISION 9: FINISHES

SECTION 9G: EIFS

PART 1 GENERAL

1.01 DESCRIPTION

A. DESIGN REQUIREMENTS: THE STRUCTURAL WALL SYSTEM TO WHICH THE EIFS IS ATTACHED SHALL MEET L240 MAXIMUM ALLOWABLE DEFLECTION CRITERIA AND APPLICABLE BUILDING CODE REQUIREMENTS.

1.02 SUBMITTALS

A. SUBMIT SAMPLES FOR APPROVAL AS DIRECTED BY OWNER.

1.03 DELIVERY, STORAGE AND HANDLING

A. ALL EIFS MATERIALS SHALL BE DELIVERED IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF PRODUCT WITH WRITTEN APPLICATION INSTRUCTIONS AND APPROPRIATE HEALTH, HAZARD, AND SAFETY DATA.

B. ALL EIFS READY MIXED MATERIALS SHALL BE PROTECTED FROM EXTREME HEAT, SUN AND FROST. FACTORY PROPORTIONED BAGGED MATERIALS SHALL BE STORED OFF THE GROUND AND PROTECTED FROM MOISTURE.

1.04 JOB CONDITIONS

A. ALL EIFS MATERIALS SHALL NEVER BE APPLIED IF AMBIENT AND SURFACE TEMPERATURES CANNOT BE KEPT ABOVE 40° F DURING APPLICATION AND DRYING PERIOD. FOR INSTALLATION IN TEMPERATURES LESS THAN 40° F SUPPLEMENTARY HEAT SHALL BE PROVIDED. THE INSTALLED EIFS MATERIALS SHALL BE PROTECTED FROM EXPOSURE TO RAIN AND FREEZING UNTIL DRY.

1.11 WARRANTY

A. PROVIDE MANUFACTURER'S STANDARD LABOR AND MATERIAL WARRANTY.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. DRYVIT SYSTEMS, INC.

2.02 ADHESIVES

A. DISPERSION ADHESIVE - NONCEMENTITIOUS, ACRYLIC BASED ADHESIVE.

2.03 INSULATION BOARD

A. NOMINAL 1.0 lb/cubic foot (16 kg/cubic meter) EXPANDED POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM C 578 TYPE I REQUIREMENTS, AND EIMA GUIDELINE SPECIFICATION FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD.

2.04 BASECOAT

A. ONE-COMPONENT POLYMER MODIFIED CEMENTITIOUS BASE COAT WITH FIBER REINFORCEMENT AND LESS THAN 33% PORTLAND CEMENT CONTENT BY WEIGHT.

2.05 REINFORCING MESHES

A. STANDARD MESH

1. MESH - NOMINAL 4.5 oz/sq.yd. (163 g/sq.meter), SYMMETRICAL, INTERLACED OPEN-WEAVE GLASS FIBER FABRIC MADE WITH MINIMUM 25 PERCENT BY WEIGHT ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH DRYVIT MATERIALS.

B. HIGH IMPACT MESH
1. INTERMEDIATE MESH (MESH C) - NOMINAL 11.0 oz/sq.yd. HIGH IMPACT, INTERWOVEN, OPEN WEAVE GLASS FIBER FABRIC WITH ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH DRYVIT MATERIALS.

2.06 PRIMER

A. PRIMER
ACRYLIC BASED PRIMER (FOR ACRYLIC BASED FINISHES)

2.07 FINISH COAT

A. ACRYLIC BASED TEXTURED WALL COATING. SEE E.I.F.S. FORMULAS FOR FINISH COLOR.

2.08 JOB MIXED INGREDIENTS

A. PORTLAND CEMENT: ASTM C 150, TYPE I.

B. WATER: CLEAN AND POTABLE.

PART 3 EXECUTION

A. UNDER NO CIRCUMSTANCES SHALL ANY OF THE PRODUCTS BE ALTERED BY ADDING ANY ADDITIVES, EXCEPT FOR SMALL AMOUNTS OF CLEAN WATER AS DIRECTED ON LABEL. ANTIFREEZE, ACCELERATORS, RAPID BINDERS, ETC., ARE FORBIDDEN.

B. THE SURFACE TO RECEIVE THE EIFS SHALL BE STRUCTURALLY SOUND, CLEAN, DRY AND FREE OF WARPAGE, RESIDUAL MOISTURE OR DAMAGE FROM MOISTURE. SURFACES SHALL BE UNIFORM WITH NO IRREGULARITIES GREATER THAN 1/8" IN 4'-0". SURFACES SHALL BE INSPECTED FOR COMPLIANCE WITH THE FOLLOWING REQUIREMENTS PRIOR TO INSTALLATION OF THE EIFS:

1. PLYWOOD SHEATHING SHALL MEET A.P.A. (AMERICAN PLYWOOD ASSOCIATION) REQUIREMENTS FOR EXTERIOR OR EXPOSURE 1 CLASSIFICATION. APA DESIGN AND CONSTRUCTION GUIDELINES SHALL BE FOLLOWED FOR STORAGE, HANDLING AND INSTALLATION. MANUFACTURER'S PUBLISHED RECOMMENDATIONS SHALL BE FOLLOWED FOR SHALL BE FOLLOWED FOR STORAGE, HANDLING, STORAGE, HANDLING, INSTALLATION AND PROTECTION. ANY SHEATHING NOT IN COMPLIANCE SHALL BE REPLACED TO CONFORM WITH SPECIFICATION REQUIREMENTS PRIOR TO INSTALLATION OF THE EIFS.

2. CONCRETE, MASONRY OR PLASTER SURFACES SHALL BE PROPERLY CURED AND FREE OF DIRT, DUST, OIL, GREASE, MILDEW, FUNGUS, LATENCY, PAINT, EFFLORESCENCE AND ANY OTHER CONTAMINANT. ANY SURFACES NOT IN COMPLIANCE SHALL BE CORRECTED PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION OF THE EIFS.

C. AFTER SATISFACTORY INSPECTION OF SURFACES AND CORRECTION OF ANY DEVIATIONS FROM SPECIFICATION REQUIREMENTS, THE EIFS INSTALLATION MAY BEGIN PER MANUFACTURER'S INSTRUCTIONS.

D. THE STARTER STRIP OR MESH SHALL BE WIDE ENOUGH TO ADHERE 4" OF MESH ONTO THE WALL, BE ABLE TO WRAP AROUND THE BOARD EDGE AND COVER APPROXIMATELY 4" ON THE OUTSIDE SURFACE OF THE BOARD. THIS "BACKWRAP" PROCEDURE SHALL BE FOLLOWED AT ALL EXPOSED BOARD EDGES IN ACCORDANCE WITH DETAILS (EXAMPLE: WINDOW AND DOOR HEADS AND JAMBS).

ALL AREAS WHERE THE EIFS MEETS DISSIMILAR MATERIAL OR TERMINATES (FOR EXAMPLE, WINDOW AND DOOR FRAMES) SHALL HAVE THE INSULATION BOARD CUT BACK FROM THE ADJOINING MATERIAL A MINIMUM OF 1/4" TO FORM AN ISOLATION JOINT.

E. APPLY THE ADHESIVE TO THE BACK OF THE INSULATION BOARD. STAGGER VERTICAL JOINTS AND INTERLOCK BOARDS AT ALL INSIDE AND OUTSIDE CORNERS. APPLY FIRM PRESSURE OVER ENTIRE SURFACE OF THE BOARDS TO INSURE UNIFORM CONTACT. BOARDS SHALL BRIDGE SHEATHING JOINTS BY A MINIMUM OF 8". ALL BOARD JOINTS SHALL BE BUTTED TIGHTLY TOGETHER TO ELIMINATE ANY THERMAL BREAKS IN THE EIFS. CARE MUST BE TAKEN TO PREVENT ANY ADHESIVE FROM GETTING BETWEEN THE JOINTS OF THE BOARDS. ALL OPEN JOINTS IN THE INSULATION BOARD LAYER SHALL BE FILLED WITH SLIVERS OF INSULATION OR AN APPROVED SPRAY FOAM.

F. NAILS, SCREWS, OR ANY OTHER TYPE OF NONTHERMAL MECHANICAL FASTENER SHALL NOT BE USED.

G. EXPANSION JOINTS ARE REQUIRED IN THE EIFS WHERE THEY EXIST IN THE SUBSTRATE, WHERE THE EIFS ADJOINS DISSIMILAR CONSTRUCTION, AND AT FLOOR LINES IN MULTILEVEL WOOD FRAME CONSTRUCTION. THE EIFS SHALL TERMINATE AT THE EXPANSION JOINT TO PROVIDE APPROPRIATE JOINT SIZE (SEE DETAILS) AND ALL BOARD EDGES SHALL BE COATED WITH APPROPRIATE GROUND COAT AND MESH IN ACCORDANCE WITH STANDARD "BACKWRAPPING" PROCEDURE. APPROPRIATE SEALANT/PRIMER AND BACKER SHALL BE INSTALLED AFTER GROUND COAT IS FULLY DRY TO PREVENT ANY WATER FORM GETTING INTO OR BEHIND THE SYSTEM.

H. USE OF PLASTIC OR METAL CORNER BEADS, STOPBEADS, ETC., IS FORBIDDEN.

I. APPLY APPROPRIATE GROUND COAT OVER THE INSULATION BOARD WITH PROPER SPRAY EQUIPMENT OR A STAINLESS STEEL TROWEL TO A UNIFORM THICKNESS OF APPROXIMATELY 1/16". WORK HORIZONTALLY OR VERTICALLY IN STRIPS OF 40", AND IMMEDIATELY EMBED STANDARD REINFORCING MESH INTO THE WET GROUND COAT. THE MESH SHALL BE DOUBLE WRAPPED AT ALL CORNERS AND OVERLAPPED NOT LESS THAN 2-1/2" AT MESH JOINTS. AVOID WRINKLES IN THE MESH. THE FINISH THICKNESS OF THE GROUND COAT SHALL BE SUCH THAT THE MESH IS FULLY EMBEDDED. ALLOW GROUND COAT TO THOROUGHLY DRY BEFORE APPLYING PRIMER OR FINISH.

J. DUPLICATE INSTALLATION PROCESS NOTED IN 3.01 M USING STANDARD MESH CREATING SECOND MESH LAYER AND ADDITIONAL IMPACT RESISTANCE. ALLOW TO DRY BEFORE APPLICATION OF EITHER STO PRIMER (OPTIONAL) OR STO FINISH.

K. IF A PRIMER IS USED, APPLY WITH BRUSH, ROLLER OR PROPER SPRAY EQUIPMENT OVER CLEAN, DRY GROUND COAT AND ALLOW TO DRY THOROUGHLY BEFORE APPLYING FINISH. P. APPLY FINISH DIRECTLY OVER THE GROUND COAT (OR PRIMER GROUND COAT) ONLY AFTER THE GROUND COAT/PRIMER HAS THOROUGHLY DRIED. THE FINISH SHALL BE APPLIED BY SPRAYING, ROLLING OR TROWELING WITH A STAINLESS STEEL TROWEL, DEPENDING ON FINISH SPECIFIED. GENERAL RULES FOR APPLICATION OF FINISHES ARE AS FOLLOWS:

1. USE A CLEAN, RUST-FREE, HIGH-SPEED MIXER TO THOROUGHLY STIR THE FINISH TO A UNIFORM CONSISTENCY (SMALL AMOUNTS OF CLEAN WATER MAY BE ADDED TO AID WORKABILITY).

2. AVOID APPLICATION IN DIRECT SUNLIGHT.

3. APPLY FINISH IN A CONTINUOUS APPLICATION, ALWAYS WORKING TO A WET EDGE.

4. WEATHER CONDITIONS AFFECT APPLICATION AND DRYING TIME. HOT OR DRY CONDITIONS LIMIT WORKING TIME AND ACCELERATE DRYING AND MAY REQUIRE ADJUSTMENTS IN THE SCHEDULING OF WORK TO ACHIEVE DESIRED RESULTS; COOL OR DAMP CONDITIONS EXTEND WORKING TIME AND RETARD DRYING AND MAY REQUIRE ADDED MEASURES OF PROTECTION AGAINST WIND, DUST, DIRT, RAIN AND FREEZING.

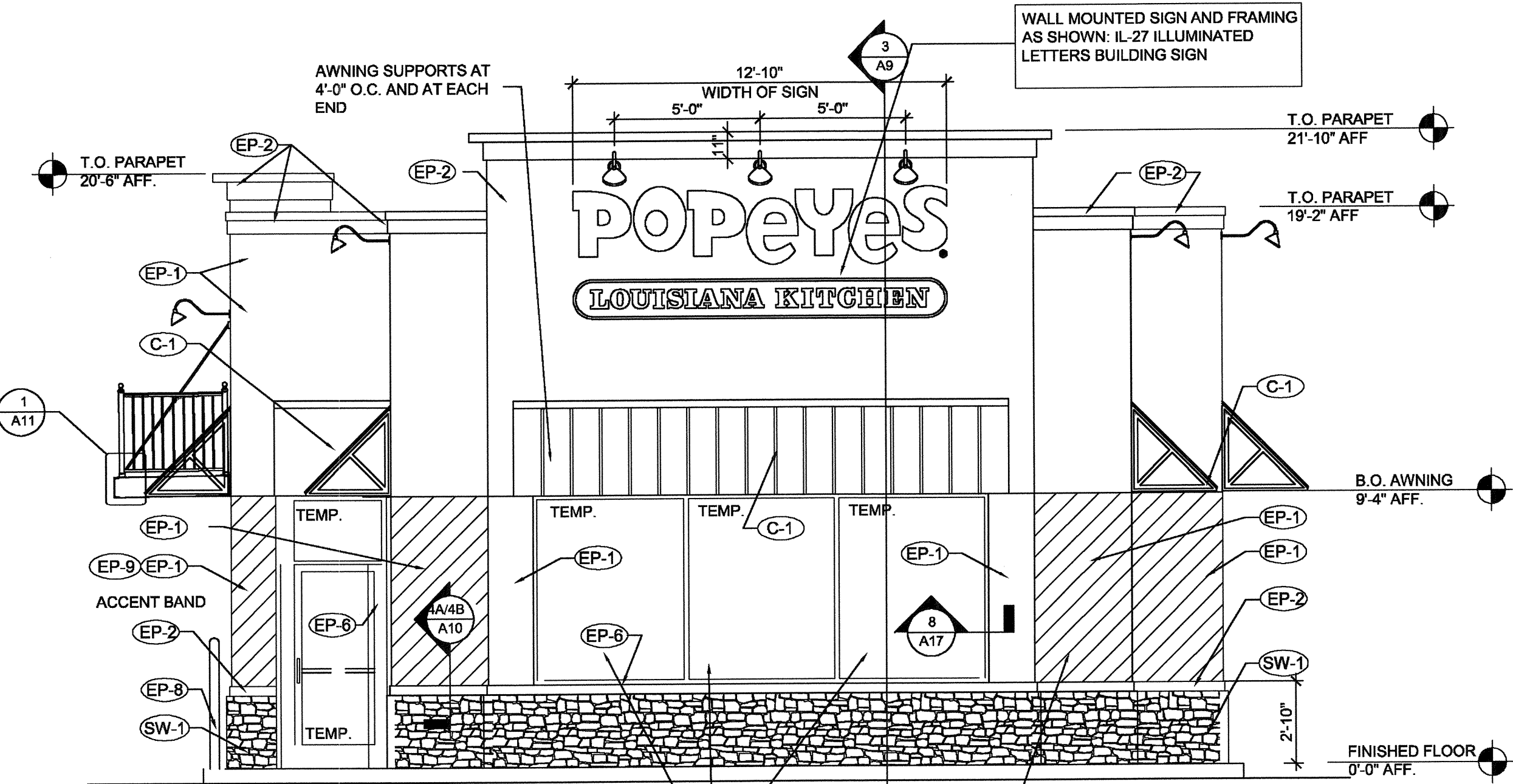
5. AESTHETIC "U"-GROOVES MAY BE DESIGNED INTO THE SYSTEM. (A MINIMUM OF 3/4" INSULATION BOARD MUST BE LEFT AFTER ANY GROOVES ARE CUT).

6. "R" (RILLED TEXTURE) FINISHES MUST BE FLOATED WITH A PLASTIC TROWEL TO ACHIEVE THEIR RILLED TEXTURE.

7. AVOID INSTALLING SEPARATE BATCHES OF FINISH SIDE BY SIDE.

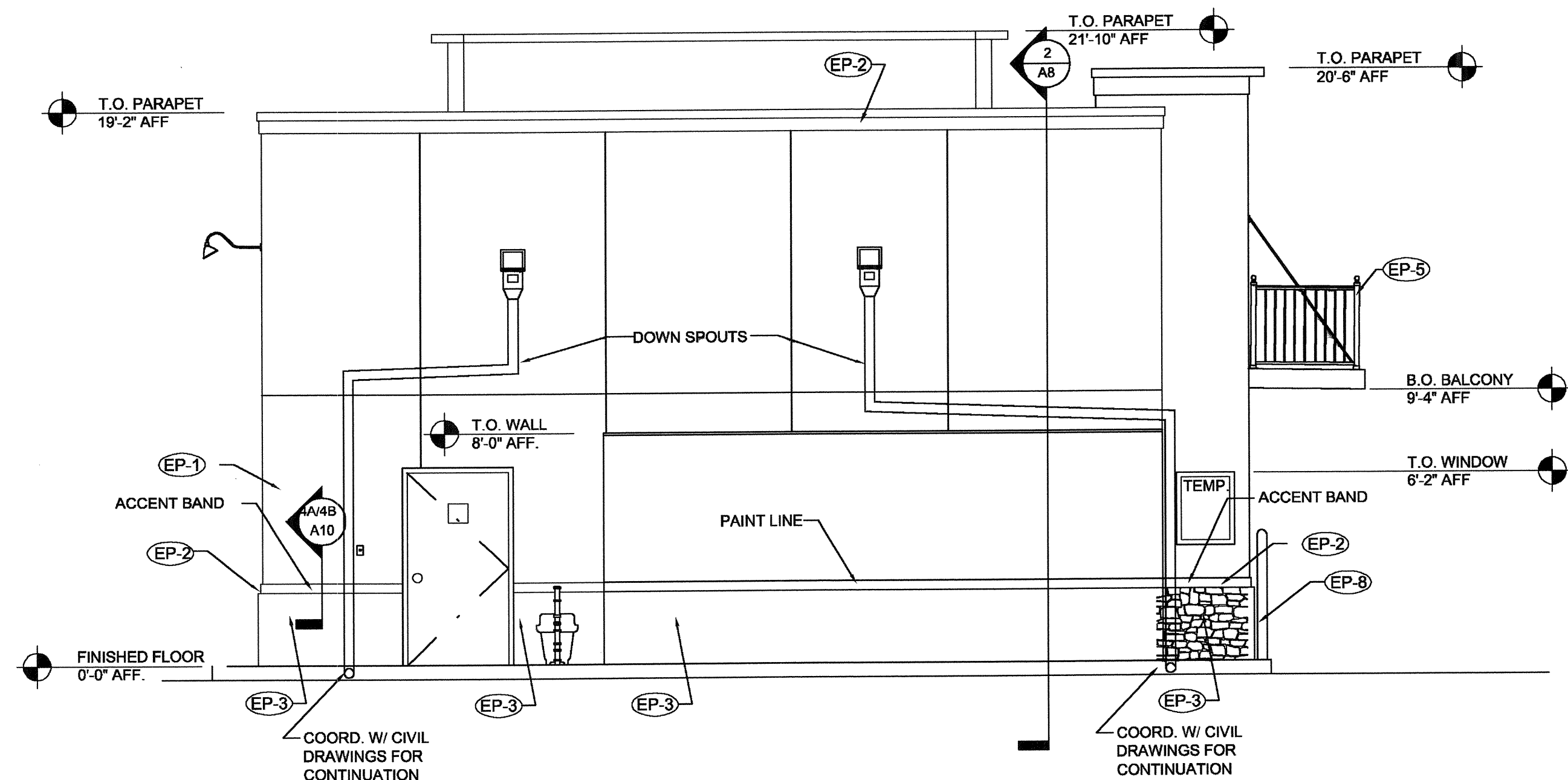
8. APPLY FINISH COLOR TO EIFS MIX AND APPLY TO WALL. COLOR TO MATCH EXTERIOR FINISH SCHEDULE COLORS.

L. EXTERIOR INSULATION AND FINISH TEXTURE SYSTEM: APPLY HIGH IMPACT SYSTEM ADJACENT TO DOOR FOR ADDITIONAL IMPACT RESISTANCE, USING INTERMEDIATE MESH. USE THE STANDARD SYSTEM SPECIFICATIONS AT ALL OTHER LOCATIONS.



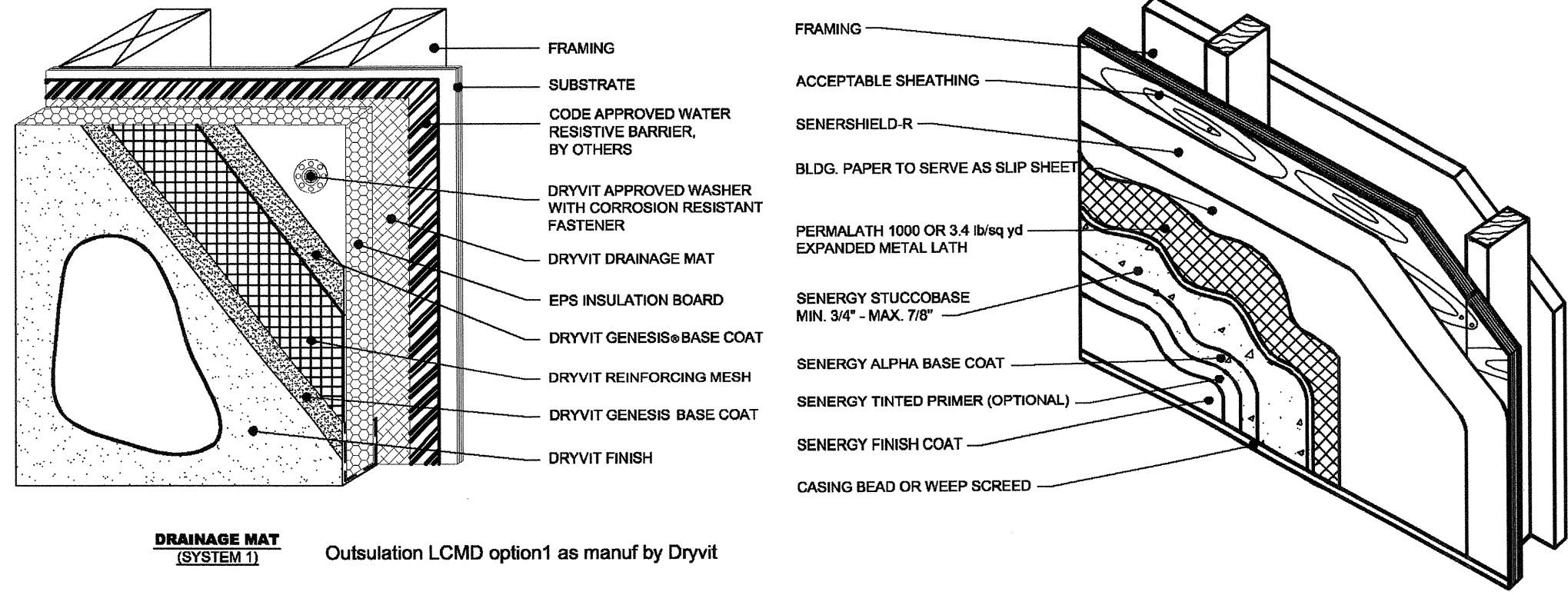
1 FRONT ELEVATION (NORTH)

SCALE: 1/4" = 1'-0"



2 REAR ELEVATION (SOUTH)

SCALE: 1/4" = 1'-0"



3a TYP. EIFS DETAIL

SCALE: NTS

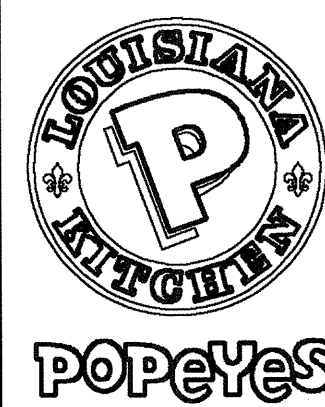
3b TYP. STUCCO DETAIL

SCALE: NTS

ALTERNATE

EXTERIOR FINISH NOTES	
STO COLORS	
NA10-0016 - DELIGHTFUL GOLDEN	
NA01-0061 - EXOTIC RED	
NA10-0017 - MOCHA BROWN	
DRYVIT COLORS	
POPE051020 - DELIGHTFUL GOLDEN	
POPE021028S - EXOTIC RED	
POPE031020S - MOCHA BROWN	
E.I.F.S. WALL TEXTURE FINISH	
Manuf.	Texture
STO	STO ESSENCE SWIRL
DRYVIT	QUARTZ PUTZ
FINISH NOTES	
THE FOLLOWING COMPONENTS CAN BE PURCHASED FROM THE APPROVED SIGN VENDORS:	
• STANDING SEAM ROOF	
• BALCONY RAILING	
• CLEARANCE BAR	
• MENU CANOPY	
• GUARD RAIL	
• AWNINGS	
• SHUTTERS	
• DUMPSTER GATES	
• INTERIOR LADDER	

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA



ATLANTIC ENGINEERING SERVICES, INC.

200 02 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 358-4140
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000

SCALE: AS SHOWN

ddt		
DES.	DWN.	CHK.
SHEET NUMBER		
A5		
DATE DRAWN		
08/21/18		

FRONT & REAR ELEVATIONS



STO COLORS	
NA10-0016 - DELIGHTFUL GOLDEN	
NA01-0081 - EXOTIC RED	
NA10-0017 - MOCHA BROWN	
DRYVIT COLORS	
POPE051020 - DELIGHTFUL GOLDEN	
POPE021028 - EXOTIC RED	
POPE031020S - MOCHA BROWN	
E.I.F.S. WALL TEXTURE FINISH	
Manuf.	Texture
STO	STO ESSENCE SWIRL
DRYVIT	QUARTZ PUTZ
FINISH NOTES	
THE FOLLOWING COMPONENTS CAN BE PURCHASED FROM THE APPROVED SIGN VENDORS:	
* STANDING SEAM ROOF	
* BALCONY RAILING	
* CLEARANCE BAR	
* MENU CANOPY	
* GUARD RAIL	
* AWNINGS	
* SHUTTERS	
* DUMPSTER GATES	
* INTERIOR LADDER	



2.5.	DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN <u>CARDED INSURANCE</u>	
	ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN <u>ACCORDANCE WITH</u>	
	WITH AA SPECIFICATIONS FOR ALUMINUM STRUCTURES.	1.1. INSTALLER
2.6.	THERMAL MOVEMENT: PROVIDE FOR THERMAL MOVEMENT CAUSED BY 180 DEGREE <u>TEMPERATURE</u>	
	F: (82.2 DEGREES C) SURFACE TEMPERATURE, WITHOUT CAUSING	INSTALLATION
	BUCKLING STRESSES ON GLASS, JOINT SEAL FAILURE, UNDUE STRESS ON	REQUESTED
	STRUCTURAL ELEMENTS, DAMAGE TO LOADS ON FASTENERS, REDUCTION OF	PRE-INS
	PERFORMANCE, OR DETRIMENTAL EFFECTS.	PROJECT F
2.7.	THERMAL PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH AAMA 1503.1 AND INSTALLATION	
	NFRC 100:	3. PROJECT COMPLETION
2.7.1.	CONDENSATION RESISTANCE FACTOR (CRF F): A MINIMUM OF 44 FOR YES35 F	FIELD MEASUREMENTS
	SYSTEMS.	MEASUREMENTS
2.7.2.	THERMAL TRANSMITTANCE U-VALUE: 0.51 BTU/HR/FT ² /F OR LESS FOR YES 45 F	SHORT INS
	SYSTEMS.	WITH CONTRACT
NOTE:	THERMAL PERFORMANCE FOR THE GLAZED SYSTEM AS A WHOLE WILL BE AFFECTED BY THE CHARACTERISTICS OF THE GLASS SPECIFIED.	4.1. PROJECT VOUCHER
SUBMITTALS		WARRANTY
2.1.	GENERAL: PREPARE, REVIEW, APPROVE, AND SUBMIT SPECIFIED SUBMITTALS IN MANUFACTURE	
	ACCORDANCE WITH "CONDITIONS OF THE CONTRACT" AND DIVISION 1 SUBMITTALS AND MANUFACTURING	
	INSTRUCTIONS. PRODUCT DATA, SHOP DRAWINGS, SAMPLES, AND SAMPLE SUBMITTALS FOR GLASS	
	ARE DEFINED IN "CONDITIONS OF THE CONTRACT."	4.3. WARRANTY
2.2.	PRODUCT DATA: SUBMIT PRODUCT DATA FOR EACH TYPE STOREFRONT SYSTEM COMMENCEMENT	
	SPECIFIED AS REQUIRED BY THE ARCHITECT OF RECORD.	PROVIDED
2.3.	SUBSTITUTIONS: WHENEVER SUBSTITUTE PRODUCTS ARE TO BE CONSIDERED, MONTHS BEFORE	
	SUPPORTING TECHNICAL DATA, SAMPLES, AND TEST REPORTS MUST BE SUBMITTED TO OWNER WITH	
	TECHN (10) WORKING DAYS PRIOR TO BID DATE IN ORDER TO MAKE A VALID SUBSTITUTION.	
2.4.	SHOP DRAWINGS: PROVIDE TO THE ARCHITECT OF RECORD IF REQUESTED FOR SHOP MANUFACTURE	
	DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING ACCEPTANCE	
	ANCHORAGE, ACCESSORIES, FINISH COLORS AND TEXTURES.	5.3. STOREFRONT
	QUALITY ASSURANCE / CONTROL SUBMITTALS.	6. COLORS: AS SPECIFIED
2.5.1.	TEST REPORTS: SUBMIT CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PERFORMANCE INSTALLATION	
	REQUIRED BY THE LOCAL PERMITTING AUTHORITY.	1. GENERAL: INST.
	CLOSEOUT SUBMITTALS.	AND WITHIN SPEC
2.6.1.	WARRANTY: SUBMIT WARRANTY DOCUMENTS SPECIFIED HEREIN.	1. PROJECT ALUM.

3. QUALIFICATIONS: INSTALLER EXPERIENCED (AS DETERMINED BY THE ARCHITECT) TO PERFORM WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT. IF BY OWNER, SUBMIT REFERENCE LIST OF COMPLETED PROJECTS.
 4. CLIMATE MEETINGS: CONDUCT PRE-INSTALLATION MEETING TO VERIFY REQUIREMENTS, SUBSTRATE CONDITIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND MANUFACTURER'S WARRANTY REQUIREMENTS.
 5. REQUIREMENTS: VERIFY ACTUAL MEASUREMENTS / OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION; RETAIN RECORDED MEASUREMENTS ON DRAWINGS. COORDINATE FIELD MEASUREMENTS, FABRICATION SCHEDULE, AND CONSTRUCTION PROGRESS TO AVOID CONSTRUCTION DELAYS.

SECTION 8D: GLAZING
 PART 1 - GENERAL PROVISIONS
 1. SCOPE: FURNISH AND INSTALL GLASS IN STOREFRONT AND DRIVE-THRU SERVICE WINDOW.
 2. MANUFACTURER: REFER TO "CONDITIONS OF THE CONTRACT" FOR PROJECT-SPECIFIC PROVISIONS.
 3. OWNER'S WARRANTY: SUBMIT, FOR OWNER'S ACCEPTANCE, A MANUFACTURER'S STANDARD WARRANTY DOCUMENT EXECUTED BY AN AUTHORIZED REPRESENTATIVE OFFICIAL.
 4. PERFORMANCE PERIOD: MANUFACTURE ONE (1) YEAR STANDARD WARRANTY.
 5. COMPLETION: BASED ON THE SUBSTANTIAL DATE OF COMPLETION FOR THE PROJECT.
 6. WARRANTY: THAT THE WARRANTY, IN NO EVENT, SHALL START LATER THAN SIX (6) MONTHS FROM THE DATE OF SHIPMENT BY YKK AP AMERICA INC. EDITOR NOTE: WARRANTY PERIODS ARE AVAILABLE AT ADDITIONAL COST.

PART 2 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 3 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 4 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 5 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 6 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 7 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 8 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 9 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 10 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 11 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 12 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 13 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 14 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 15 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 16 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 17 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 18 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 19 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 20 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 21 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 22 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 23 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 24 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 25 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 26 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 27 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 28 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 29 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 30 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 31 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 32 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
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 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 33 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 34 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 35 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 36 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 37 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 38 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 39 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.
 3. APPROVED BY POPEYES LOUISIANA KITCHEN.

PART 40 - MANUFACTURER'S (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 1. MANUFACTURER: YKK AP AMERICA INC.
 2. SYSTEM: YKK AP YK 65 4I STOREFRONT SYSTEM.

GENERAL PROVISIONS

1. SCOPE: FURNISH AND INSTALL GLASS IN STOREFRONT AND DRIVE-THRU SERVICE WINDOW.

MATERIALS

1. CRADLE: SOLAR CONTROL LOW-E CLEAR INSULATING GLASS
SOLARBAN 60 (2) CLEAR + CLEAR BY VITRO ARCHITECTURAL GLASS.

1.1. OUTDOOR LITE: CLEAR GLASS, SPUTTER COATED ON SECOND SURFACE (2)

1.2. INDOOR LITE: CLEAR (TRANSPARENT) FLOAT GLASS

1.3. LOW-E COATING: SOLARBAN® 60 SOLAR CONTROL (SPUTTERED) BY VITRO ARCHITECTURAL GLASS

1.4. LOCATION: SECOND SURFACE (2)

2. PERFORMANCE VALUES:

2.1. VISIBLE LIGHT TRANSMITTANCE: 70%

2.2. U-VALUE WINTER: 0.29

2.3. U-VALUE SUMMER: 0.27

2.4. SHGC: 0.39

2.5. SHADING COEFFICIENT: 0.45

2.6. OUTDOOR VISIBLE LIGHT REFLECTANCE: 11%

WORKMANSHIP

APPROVED MANUFACTURERS:
FABRICATOR CERTIFIED FABRICATOR REQUIRED
CERTIFICATION: BOTH LITES TO BE CRADLE TO CRADLE CERTIFIED™, MINIMUM BRONZE LEVEL
CRADLE TO CRADLE PRODUCT INNOVATION INSTITUTE (WWW.C2CERTIFIED.ORG)

DOOR APPEARANCE: CLEAR

INSULATING UNIT CONSTRUCTION: 1/4" (6MM) GLASS + 1/2" (13MM) AIR SPACE + 1/4" (6MM) GLASS

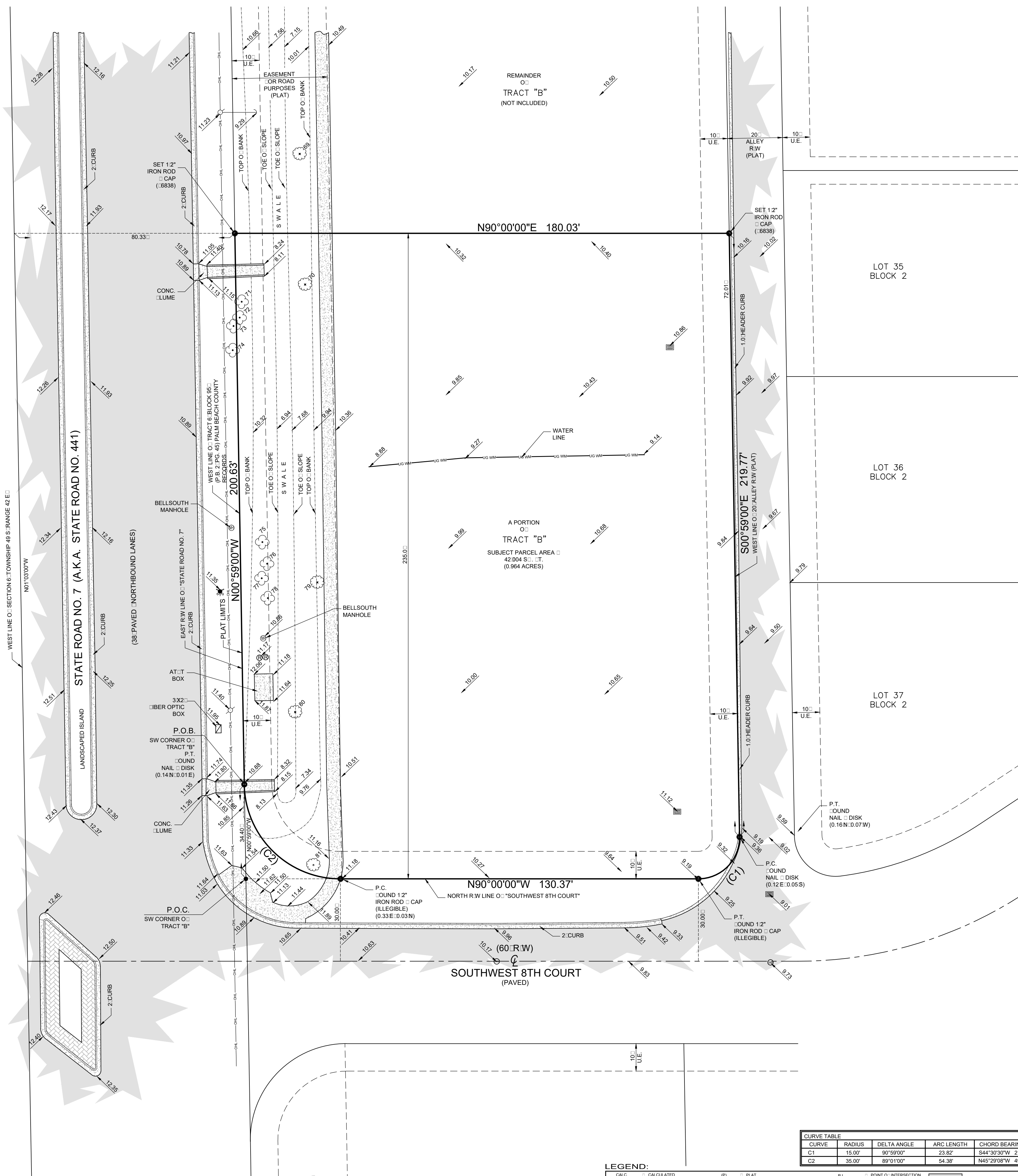
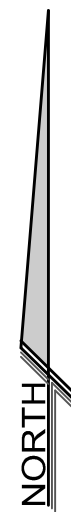
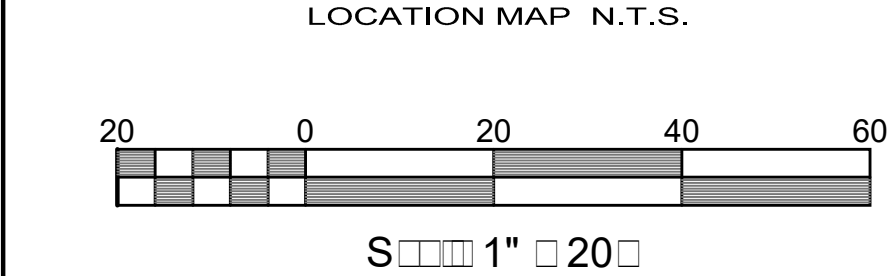
LEFT & RIGHT ELEVATIONS

ATLANTIC ENGINEERING SERVICES, INC.

200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 93

PROJ. NO. 0000
SCALE: AS SHOWN

	ddt	
ES.	DWN.	CHK.
SHEET NUMBER		
A6		
DATE DRAWN		
08/21/18		



TREE SYMBOL LEGEND:

	☐ OAK
	☐ UNKNOWN

TREE TABLE		
NUMBER	TRUNK DIA.	TREE TYPE
69	10"	OAK
70	10"	OAK
71	6"	UNKNOWN
72	6"	UNKNOWN
73	6"	UNKNOWN
74	6"	UNKNOWN
75	6"	UNKNOWN
76	6"	UNKNOWN
77	6"	UNKNOWN
78	6"	UNKNOWN
79	14"	OAK
80	14"	OAK
81	14"	OAK

SURVEY NOTES:

1. Lands shown hereon were not abstracted for easements and/or rights-of-way of record by this office.
2. Area of sub-ect parcel as described herein .
3. Elevations shown hereon are based on North Atlantic Vertical Tidal Datum of 1988 (NAVD 88).
- ☐ a ☐ Originating benchmark ☐ Leica Global Positioning System
- ☐ b ☐ existing elevation (NAVD 88 typical)
4. No underground improvements located.
5. All bearings and distances shown hereon are plat and measured unless otherwise noted.
6. This firm's "Certificate of Authority" number is "LC 6838".

CURVE TABLE				
CURVE	RADIUS	DELTA ANGLE	ARC LENGTH	CHORD BEARING
C1	15.00'	90°59'00"	23.82'	S44°30'30"W 21.39'
C2	35.00'	89°01'00"	54.38'	N45°29'08"W 49.07'

LEGEND:

GALC	CALCULATED	(P)	PLAT	P.O.B.	POINT OF INTERSECTION	ASPHALT PAVEMENT
CON	B.U.S.			P.O.C.	POINT OF COMMENCEMENT	CONCRETE LAWN
CON	CONCRETE	MONUMENT	CENTRAL "DELTA" ANGLE	P.O.B.	POINT OF BEGINNING	CONCRETE LAVERN
			ARC LENGTH			
	DRAINAGE EASEMENT		CHORD BEARING			
	UTILITY EASEMENT		NATIONAL GEODETIC VERTICAL DATUM		CHAIN LINK FENCE	PAVER BLOCK LAYOUT
	ROCK UPLIFT		O.S.I.A.L RECORD BOOK		METAL FENCE	WOOD POOLE PILE
EL	FINISHED FLOOR ELEVATION				IRON	
			POINT OF CURVATURE		EASEMENT	
(B.R.)	BEARING AND DISTANCE		POINT OF TANGENCY		COVERIES	CATCH BASIN
(D)	DEED	P.R.C.	POINT OF REVERSE CURVATURE		OVERHEAD LINES	SANITARY HOLE
	MEASURED	C.C.Z.	POINT OF COMBINED CURVATURE			IRE INFRANT

SCALE: 1" = 20'

DRAWN BY: PICARD

FIELD WIK: M.M. (B)

FIELD WK. _____ M.M. _____ B.B. _____

MILLER AND SURVEYING

MILLER LAND SURVEYING
4404 LAKE AVENUE

1121 LAKE AVENUE
LAKE WORTH, FLORIDA 33460

LAKE WORTH, FLORIDA 33460
PHONE: (561) 586-2660 FAX: (561) 582-0151

PHONE: (561) 586-2669 FAX: (561) 582-0131

RE: D4339

PREV

PREV. Y18008
JOB NOS.

JOB NO.	Y40020
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JOB NO. Y19020

CERTIFIED TO: P██████R██████
PROPERTY ADDRESS: 750 St████R████7█
 M██████ 33068
FLOOD ZONE: X500 (120047 █
 12011C0355H 08/8/2014)

DESCRIPTION:
A portion of Tract [redacted] of the Plat of Serino Park, Section 3 as recorded in Plat [redacted] Book 81 (Page 46) of the Public Records of [redacted] Florida, and also a portion of the property described in Official Records Instrument Number 114332739 of the Public Records of [redacted] Florida, [redacted] being more particularly described as follows [redacted]

C Commencing at the Southwest corner of said Tract [] said point also being at the Point of Intersection of the North right of way line of Section 8; thence South 79°00'59" West along the West line of said Tract [] to the intersection of said North right of way line of Section 3; thence North 00°59'00" West, along said West line of the Plat of Serinco Park, a distance of 34.40 feet to the Southwest corner of said Tract [] and the point of beginning; thence continue North 00°59'00" West along the West line of said Tract [] a distance of 160.03 feet to the intersection of the North right of way line of Southwest 8th Court for a distance of 180.03 feet to a point on the North right of way line of a 20 foot wide alley running East and West between the Serinco Park Section 3; thence run along the West line of said alley right of way South 00°59'00" East for a distance of 219.77 feet to a point of intersection; thence follow the arc of a circle having a radius having an interior angle of central angle 90°59'00", for an arc distance of 23.82 feet to a point of tangency on the North right of way line of Southwest 8th Court; thence follow the arc of a circle having a radius having an interior angle of central angle 130°37' feet to a point of tangency on the North right of way line of Southwest 8th Court; for a distance of 130.37 feet to a point of curvature; Thence Northeasterly along the arc or curve to the right having a radius of 35 feet for a distance of 130.37 feet to a point of tangency and of 54.38 feet to a point of tangency and the Point of Beginning.

Together with those certain non-exclusive easements for the benefit of a portion of the above described lands as created by that certain Declaration of Covenant for Public Cross-Access and Utilities Easement and Reciprocal Easement with Covenants and Restrictions recorded March 18th 2016 in Official Records Instrument No. 113579587□ Public Records of □ward County, Florida.

REVISIONS:

03.11.2019 R	d	d	r	d	r	t

BOUNDARY SURVEY

THIS ORDER IS NOT VALID WITHOUT AN ORDERED RECEIPT.
RECEIVED BY AUTHORIZED CUSTOMER SERVICE AND
AUTHORIZED CUSTOMER ONLY

Registered Land Surveyor Certificate No.
MICHAEL J. MILLER 4034

NAME	REF	D4230
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RECEIVED	D4339
PREV.	V180086

JOB NOS.	1100000
ITEMS	1100000

151	JOB NO.	Y190202
	1-2055-A	