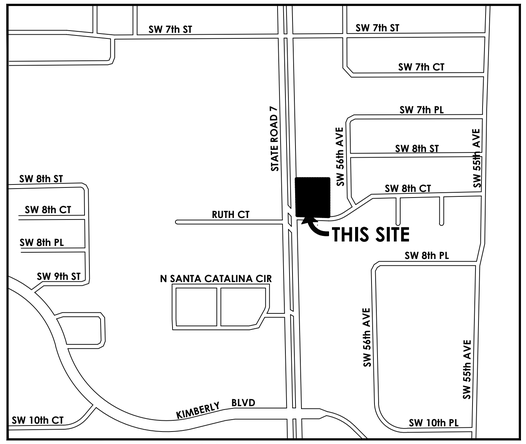
POPEYES
750 STATE ROAD 7
MARGATE, FLORIDA

GENERAL NOTES:

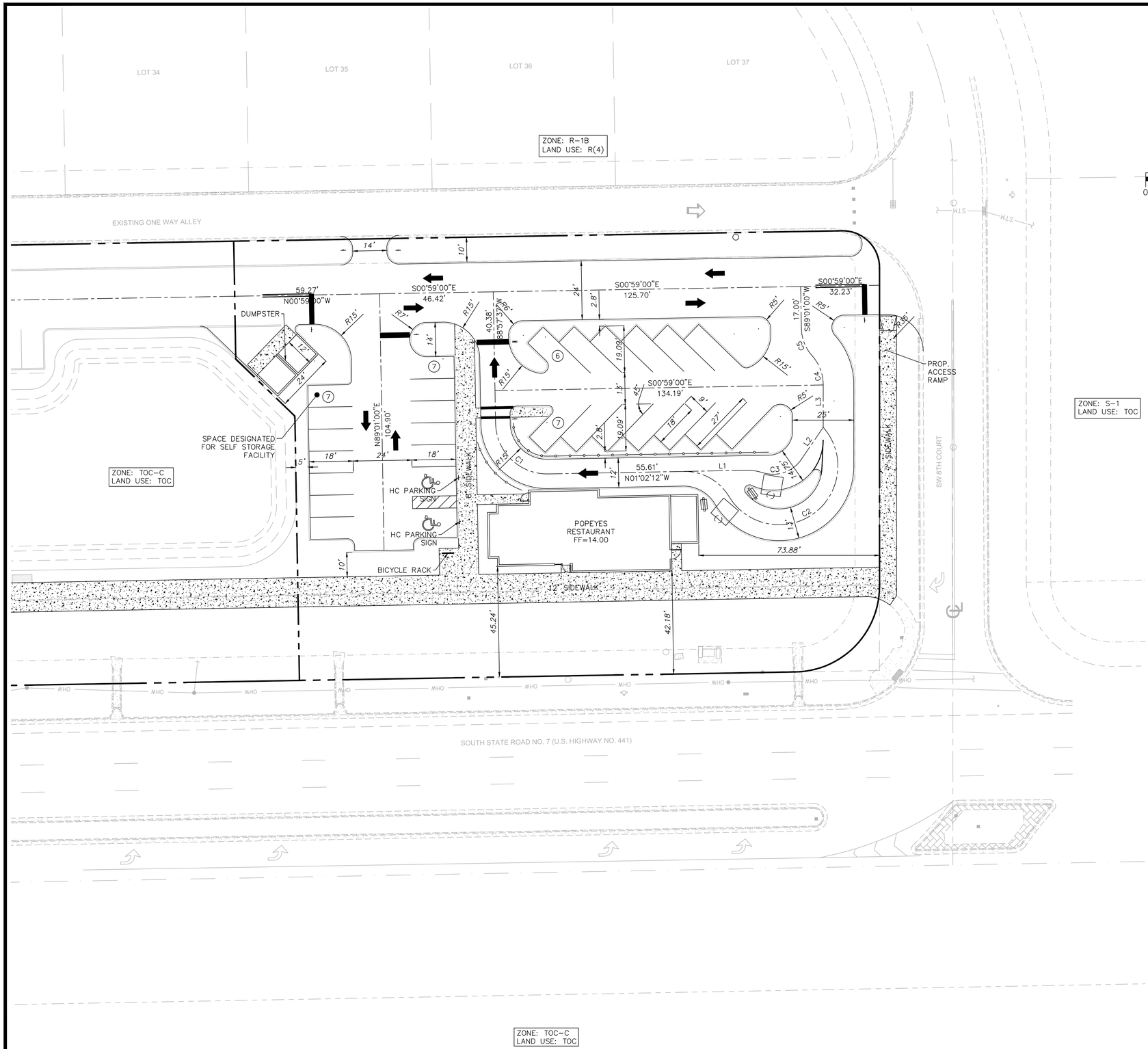
1. THE PROPOSED WORK HAS BEEN DESIGNED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND CITY CODES AND REGULATIONS HAVING JURISDICTION. IF ANY DISCREPANCIES EXIST BETWEEN THE PLANS/SPECIFACTIONS PREPARED BY THE DESIGNER AND THE CITY CODE AND/OR THE CITY STANDARD DETAILS, THE LATER SHALL GOVERN 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

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



ZONE: S-1
LAND USE: TOC

N

Graphic Scale
0 20 40
Scale: 1"=20'

SITE DATA

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 50 SF OF GROSS FLOOR AREA: 895 SF / 50 = 18 SPACES

PARKING PROVIDED

STANDARD	*= 24 SPACES*
SPACE DESIGNATED FOR SELF STORAGE	*= 1 SPACE*
HANDICAP SPACES	*= 2 SPACE*
TOTAL PROVIDED	*= 27 SPACES*

NOTE:

ALL TRAFFIC CONTROL PAVEMENT MARKINGS WILL BE THERMOPLASTIC.

Curve Table

Curve #	Length	Radius	Delta
C1	32.987	21.000	090.0000
C2	79.751	24.000	190.3917
C3	17.920	14.000	073.3367
C4	12.783	17.500	041.8511
C5	12.482	17.500	040.8678

Line Table

Line #	Length	Direction
L1	25.518	N01° 02' 11.61"W
L2	15.852	N55° 46' 32.10"W
L3	17.461	N90° 00' 00.00"E

SITE PLAN

REV.	DESCRIPTION	DATE
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

LOUISIANA KITCHEN
POPEYES

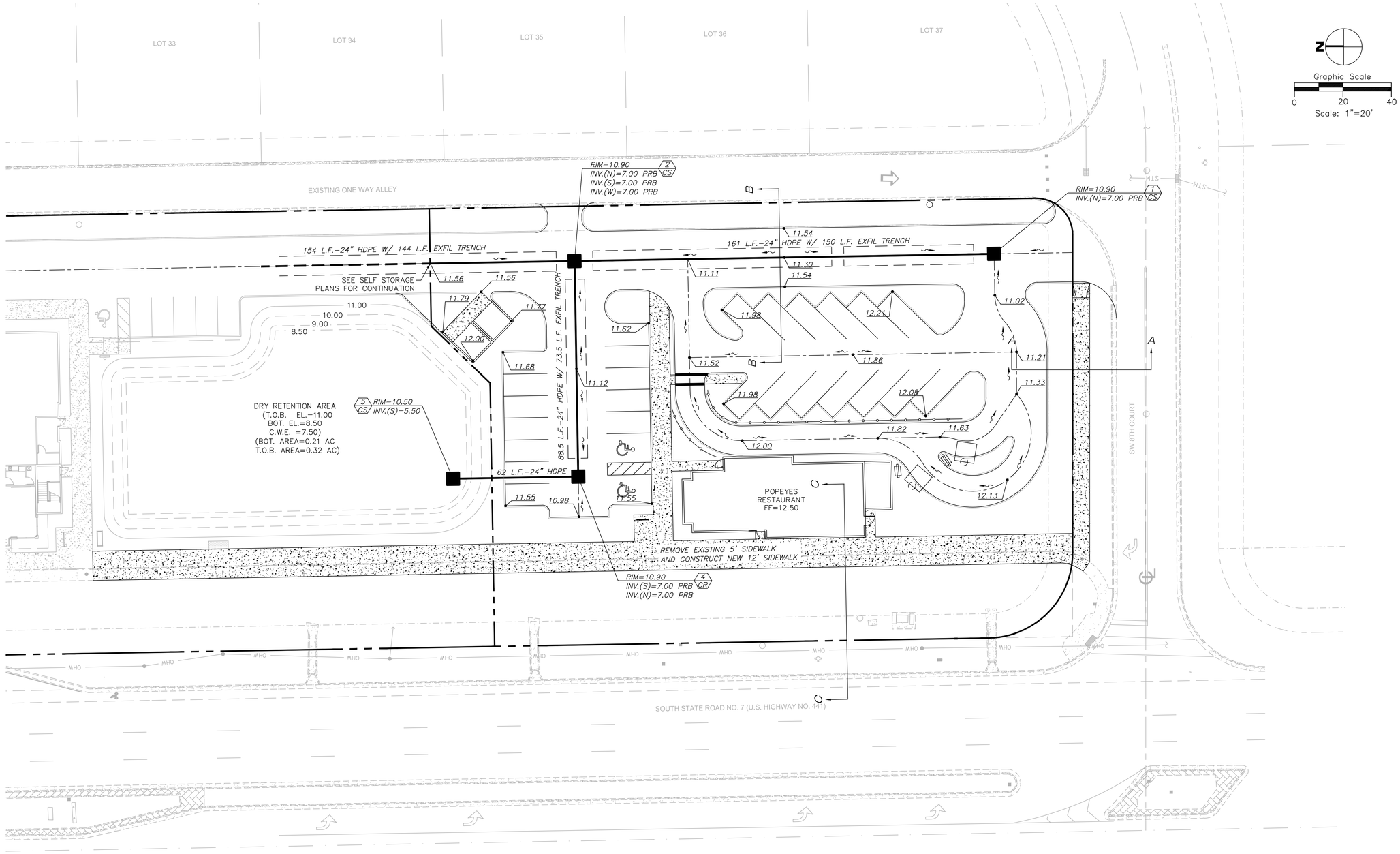
ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
SP1

DATE DRAWN
MAR 2018



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 RAMPS 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: 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	5'ø	U.S.F. 4139-6429
3	C	U.S.F. 230-AB-M
4	4'ø	U.S.F. 230-AB-M
5	C	U.S.F. 6606 SG

DRAINAGE PLAN

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		

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

SEAL

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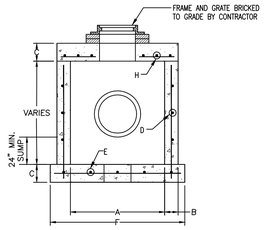
PROJ. NO. 0000
SCALE: AS SHOWN

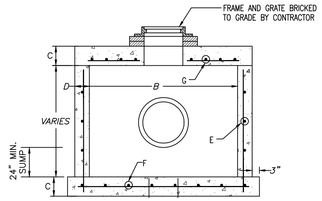
DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
CE1

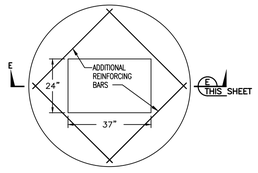
DATE DRAWN
MAR 2018



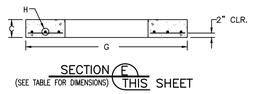
CATCH BASIN
(SEE TABLE FOR DIMENSIONS)



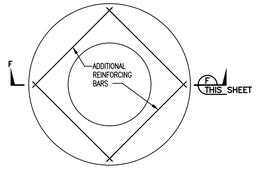
CATCH BASIN
(SEE TABLE FOR DIMENSIONS)



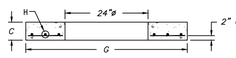
TOP SLAB FOR CATCH BASIN



SECTION E THIS SHEET
(SEE TABLE FOR DIMENSIONS)



TOP SLAB FOR MANHOLE



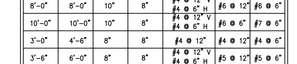
SECTION F THIS SHEET
(SEE TABLE FOR DIMENSIONS)

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



SECTION F THIS SHEET
(SEE TABLE FOR DIMENSIONS)

A	B	C	D	E* C.C.E.W.	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 #4 @ 6" H	#6 @ 12"	#6 @ 6"
8'-0"	8'-0"	10"	8"	#4 @ 12" V #4 @ 6" H	#6 @ 12"	#6 @ 6"
10'-0"	10'-0"	10"	8"	#4 @ 12" V #4 @ 6" H	#6 @ 6"	#7 @ 6"
3'-0"	4'-6"	8"	8"	#4 @ 12"	#4 @ 12"	#4 @ 6"
3'-6"	6'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#5 @ 12"	#5 @ 6"
4'-0"	6'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#5 @ 12"	#5 @ 6"
3'-6"	8'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#5 @ 12"	#5 @ 6"
4'-0"	8'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#5 @ 12"	#5 @ 6"
5'-0"	7'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#5 @ 12"	#5 @ 6"
6'-0"	8'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#6 @ 12"	#6 @ 6"
6'-0"	12'-0"	8"	8"	#4 @ 12" V #4 @ 6" H	#6 @ 12"	#6 @ 6"

INLET NOTES

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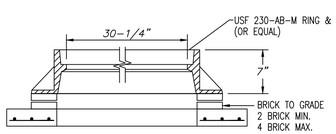
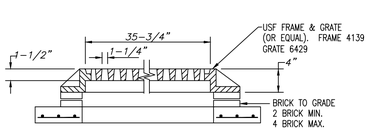
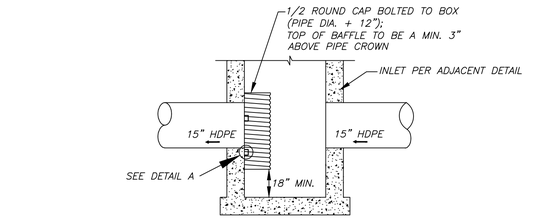
RECTANGULAR CATCH BASIN (ON-SITE)



ON-SITE MANHOLE FRAME & COVER
NTS

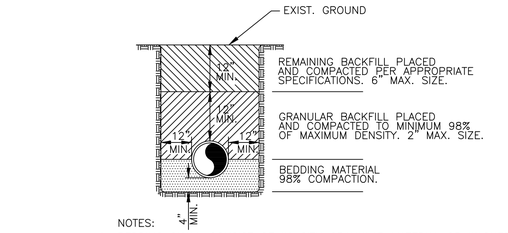


INLET TOP (TYPE 'C-D' INLET)
NTS



NOTE: BAFFLE TO BE USED ON ALL PIPE INVERTS CONNECTING TO EXFILTRATION TRENCH.

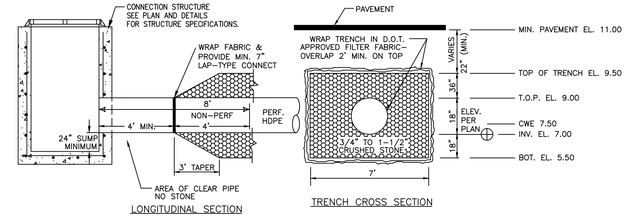
POLLUTION RETARDANT BAFFLE (PRB) DETAIL
N.T.S.



NOTES:

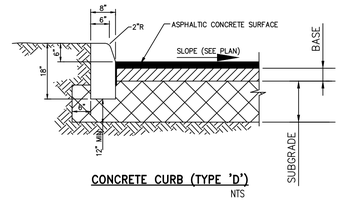
1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCK SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3.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

TRENCH DETAIL
N.T.S.

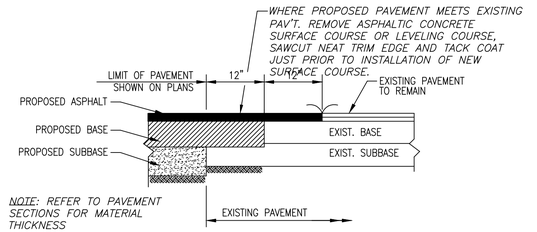


NOTES: COMPACT TRENCH BACKFILL AND SOIL WITHIN MIN. 5' OF TRENCH TO MIN. 98% OF MAX. DRY DENSITY PER ASTM D-1557.

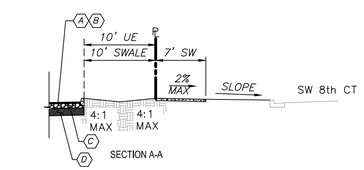
ON-SITE EXFILTRATION TRENCH DETAIL
N.T.S.

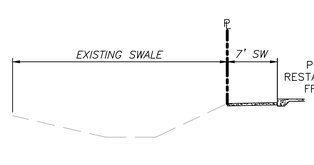


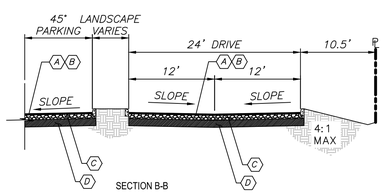
CONCRETE CURB (TYPE 'D')
NTS



PAVEMENT MATCHING DETAIL
N.T.S.







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

REV.	DESCRIPTION	DATE
1		
2		
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

POPEYES LOUISIANA KITCHEN

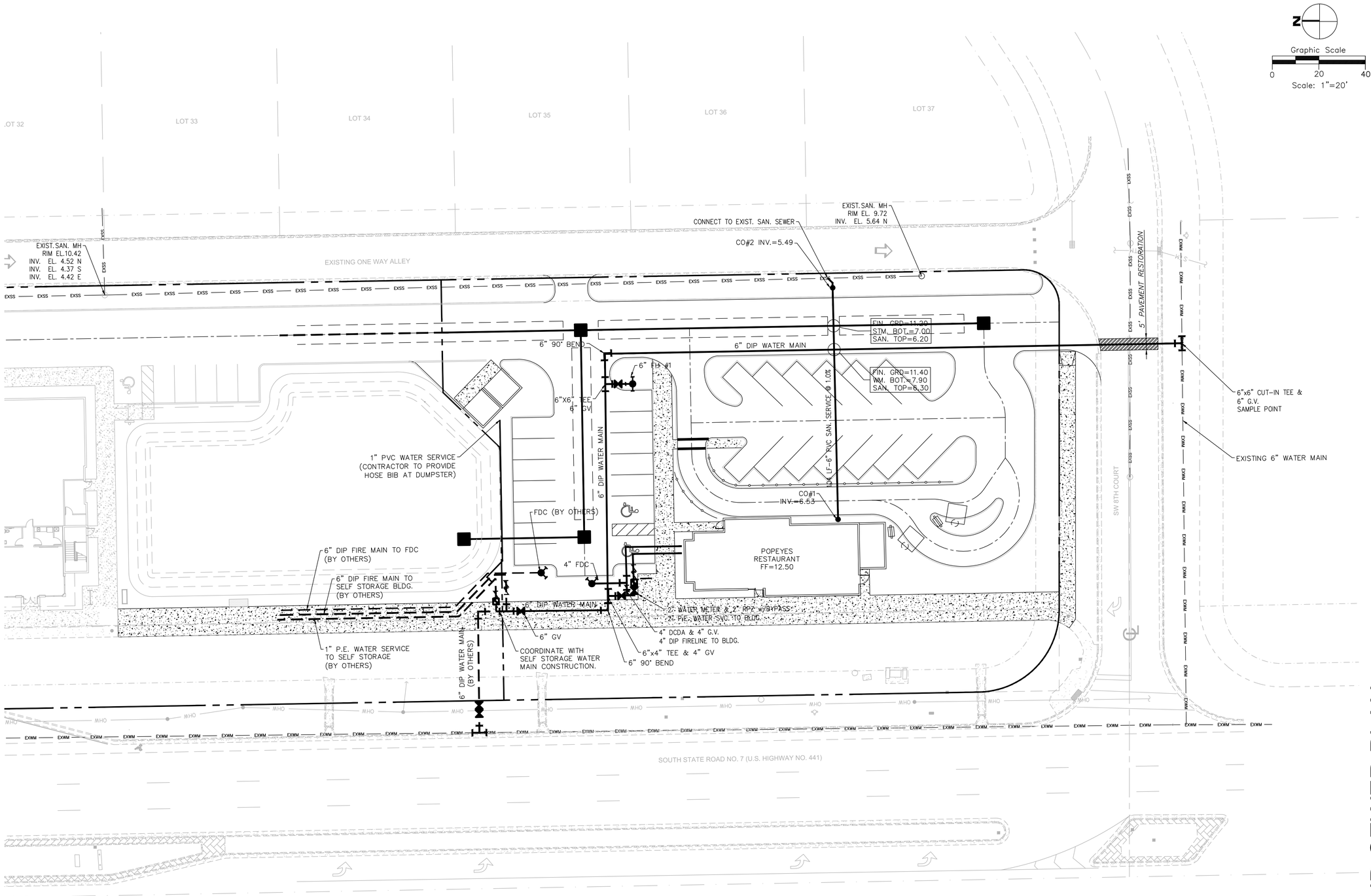
ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
CE2

DATE DRAWN
MAR 2018



WATER AND SEWER 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

LOUISIANA KITCHEN
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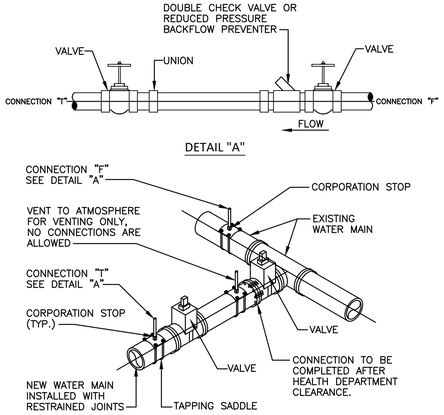
PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
CE3

DATE DRAWN
MAR 2018



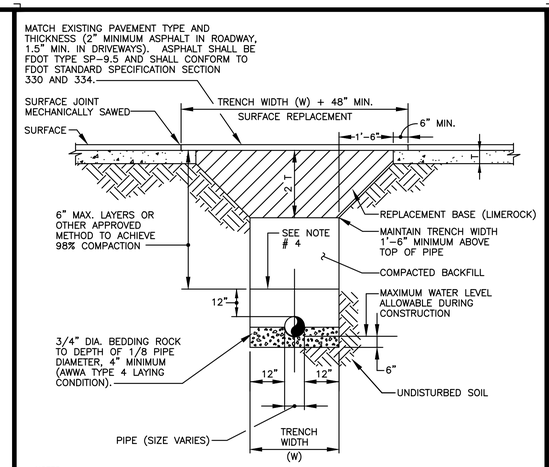
NOTES:

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.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

FILLING AND FLUSHING | **W-15**



NOTES:

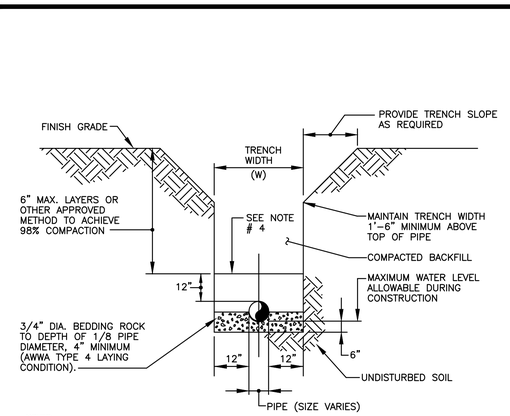
1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, BUT NO LESS THAN "T" SCHEDULE.
2. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. MECHANICAL COMPACTION IS NOT ALLOWED BELOW THIS LEVEL.
5. COMPACTION PERCENTAGES SHOWN REFER TO AASHTO T-180.
6. PERMIT REQUIRED FROM ENGINEERING TO CUT PAVEMENT.
7. IF TRENCH IS FILLED TEMPORARILY IT SHALL BE COVERED WITH A 2" ASPHALTIC CONC. PATCH UNTIL REPLACED WITH A PERMANENT PATCH.
8. REMOVE UNSUITABLY SIZED STONES FOUND IN TRENCH TO A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF PIPE.

*T = 8" RESIDENTIAL ST.
= 10" MAJOR ST. - 4 LANES
= 12" MAJOR ST. - 6 LANES
SEE NOTE 1
MIN. "W" = 24"

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

TRENCH DETAIL (PAVED AREAS) | **G-4**



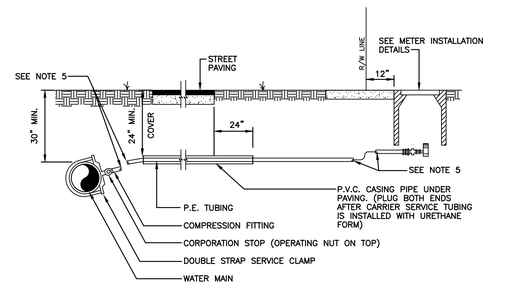
NOTES:

1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
2. SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
3. COMPACTION PERCENTAGES SHOWN REFER TO AASHTO T-180.
4. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL.
5. REMOVE UNSUITABLY SIZED STONES FOUND IN TRENCH TO A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF PIPE.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

TRENCH DETAIL (UNPAVED AREAS) | **G-5**



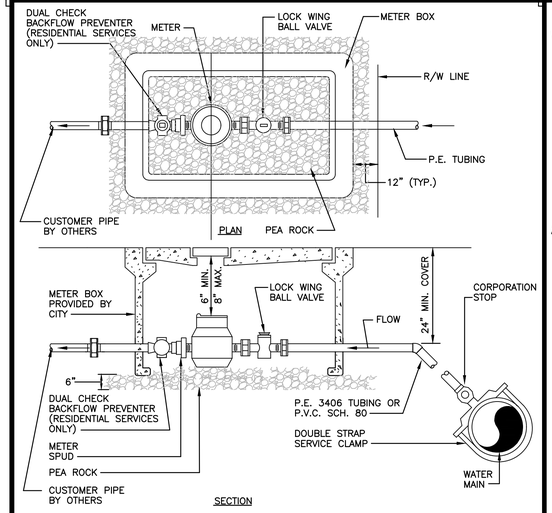
NOTES:

1. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER.
2. ALL TAPS INTO WATER MAINS REQUIRE A SERVICE CLAMP.
3. SERVICE PIPE SHALL BE SAME SIZE AS THE WATER METER USED EXEPT THAT NO SERVICE PIPE SHALL BE SMALLER THAN 1".
4. APPROVED TYPE COPPER TUBING MAY BE USED IN PLACE OF PLASTIC.
5. FOR 1" SERVICE LINES, THE MINIMUM RADIUS SHALL BE 14" FOR 1 1/2" OR 2" SERVICE LINES, THE MINIMUM RADIUS SHALL BE 21"
6. THIS DETAIL APPLIES ONLY TO RESIDENTIAL ROADS WITH LESS THAN 60' R.O.W. (NO MEDIAN) OR WITHIN EASEMENTS.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

WATER SERVICE CONNECTION FOR 1" TO 2" SERVICES | **W-1**



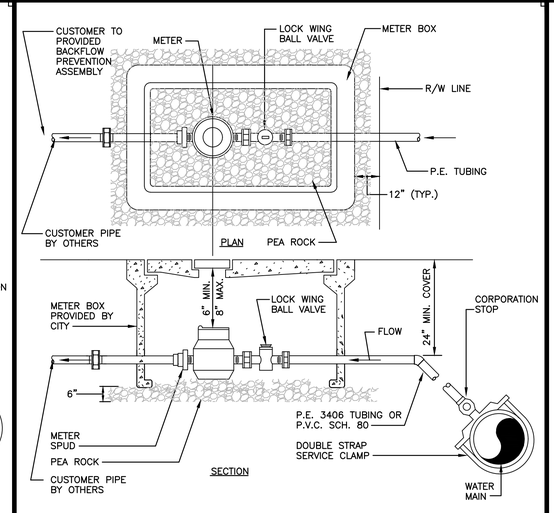
NOTES:

1. LOCATE BOX 12" OUTSIDE OF STREET R/W LINE.
2. CITY RESPONSIBILITY ENDS AT CUSTOMER SIDE OF METER.
3. METERS UP TO 2" SHALL BE FURNISHED AND INSTALLED BY CITY. (ALL OTHER WORK BY CUSTOMER)
4. MINIMUM RADIUS OF TUBING CURVE SHALL BE 14".

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

METER INSTALLATION FOR 5/8" AND 1" METERS | **W-2**



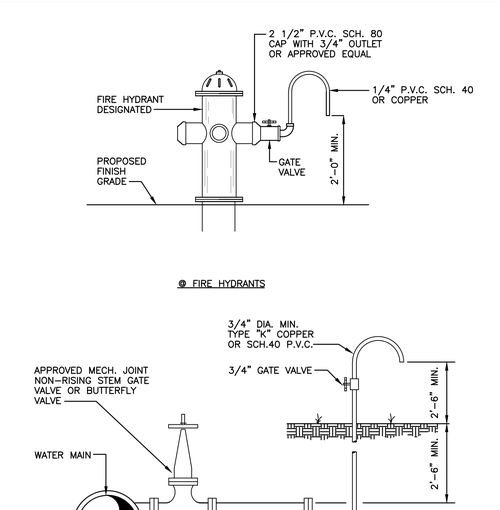
NOTES:

1. LOCATE BOX 12" OUTSIDE OF STREET R/W LINE.
2. CITY RESPONSIBILITY ENDS AT CUSTOMER SIDE OF METER.
3. METERS UP TO 2" SHALL BE FURNISHED AND INSTALLED BY CITY. (ALL OTHER WORK BY CUSTOMER)
4. MINIMUM RADIUS OF TUBING CURVE SHALL BE 21".

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

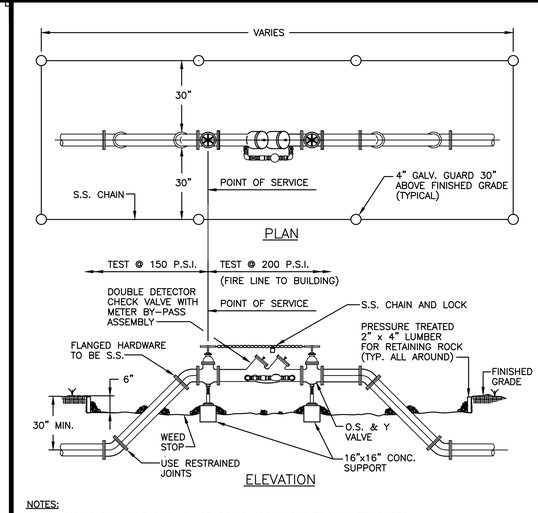
METER INSTALLATION FOR 1 1/2" AND 2" METERS | **W-3**



DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

SAMPLE POINT | **W-16**



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 LOOPED 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.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY | **W-9**

WATER AND SEWER DETAILS

REV.	DESCRIPTION	DATE
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

LOUISIANA KITCHEN
POPEYES

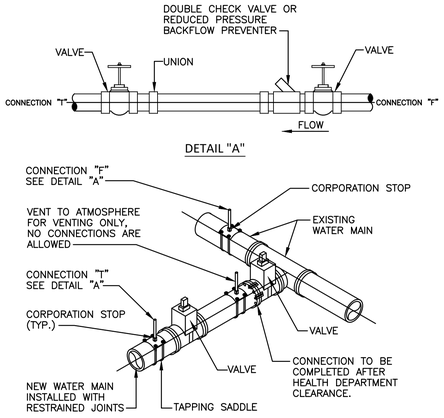
ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE - (561) 358-4140
FAX - (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
CE4

DATE DRAWN
MAR 2018



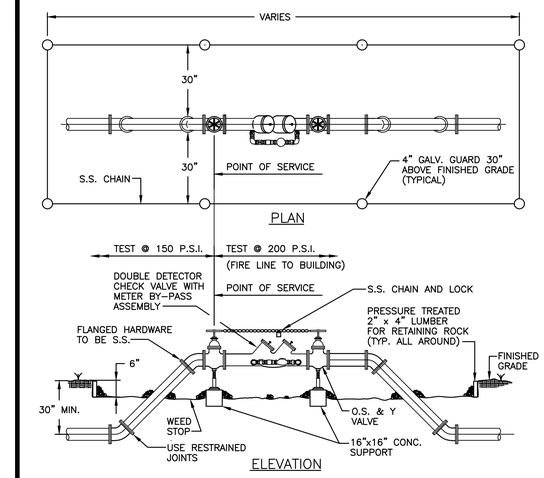
NOTES:

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.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

FILLING AND FLUSHING | **W-15**



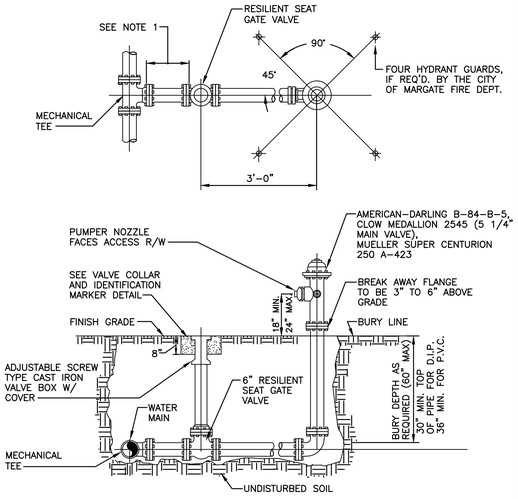
NOTES:

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 LOOPED 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.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY | **W-9**



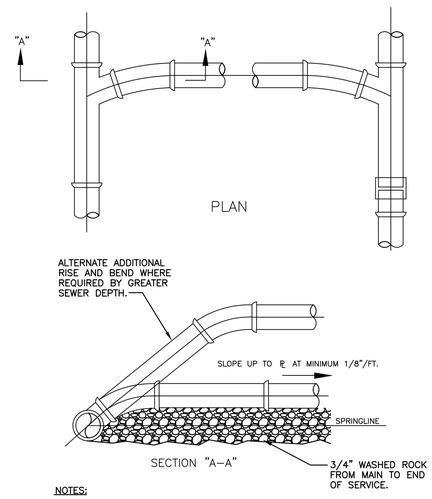
NOTE:

1. USE RESTRAINT JOINTS FOR ENTIRE ASSEMBLY SHOWN.

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

FIRE HYDRANT | **W-11**



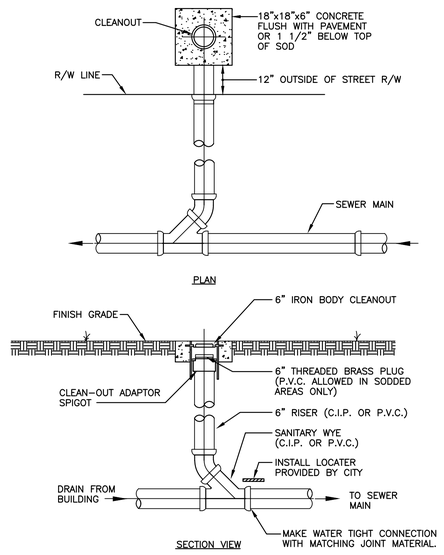
NOTES:

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

WYE SERVICE CONNECTION | **WW-1**

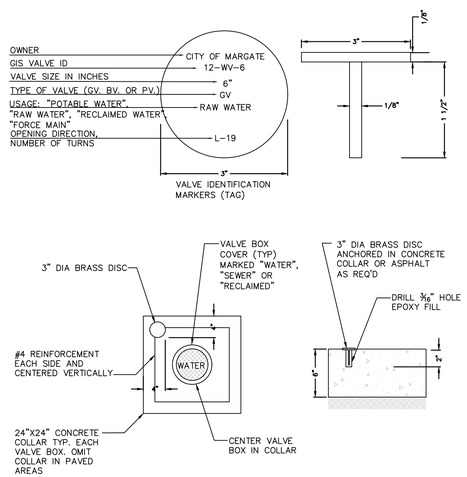


NOTE:
PIPING, CAP AND FITTINGS SHALL BE P.V.C. SDR-35

DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

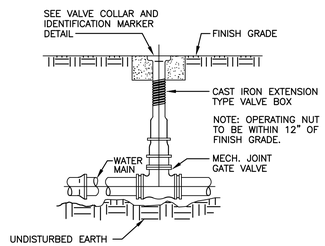
CLEANOUT | **WW-3**



DATE: 7-1-15 | DRAWN: JWEAVER

CITY OF MARGATE, FLORIDA DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

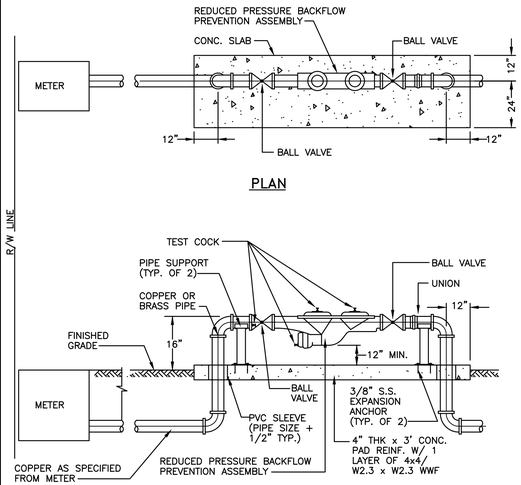
VALVE COLLAR AND IDENTIFICATION MARKER | **G-4**



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

REV.	DESCRIPTION	DATE
1		
2		
3		
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IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA

SEAL

METRO CHICKEN
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POPEYES

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200 C2 CROSSWINDS DRIVE
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PHONE - (561) 358-4140
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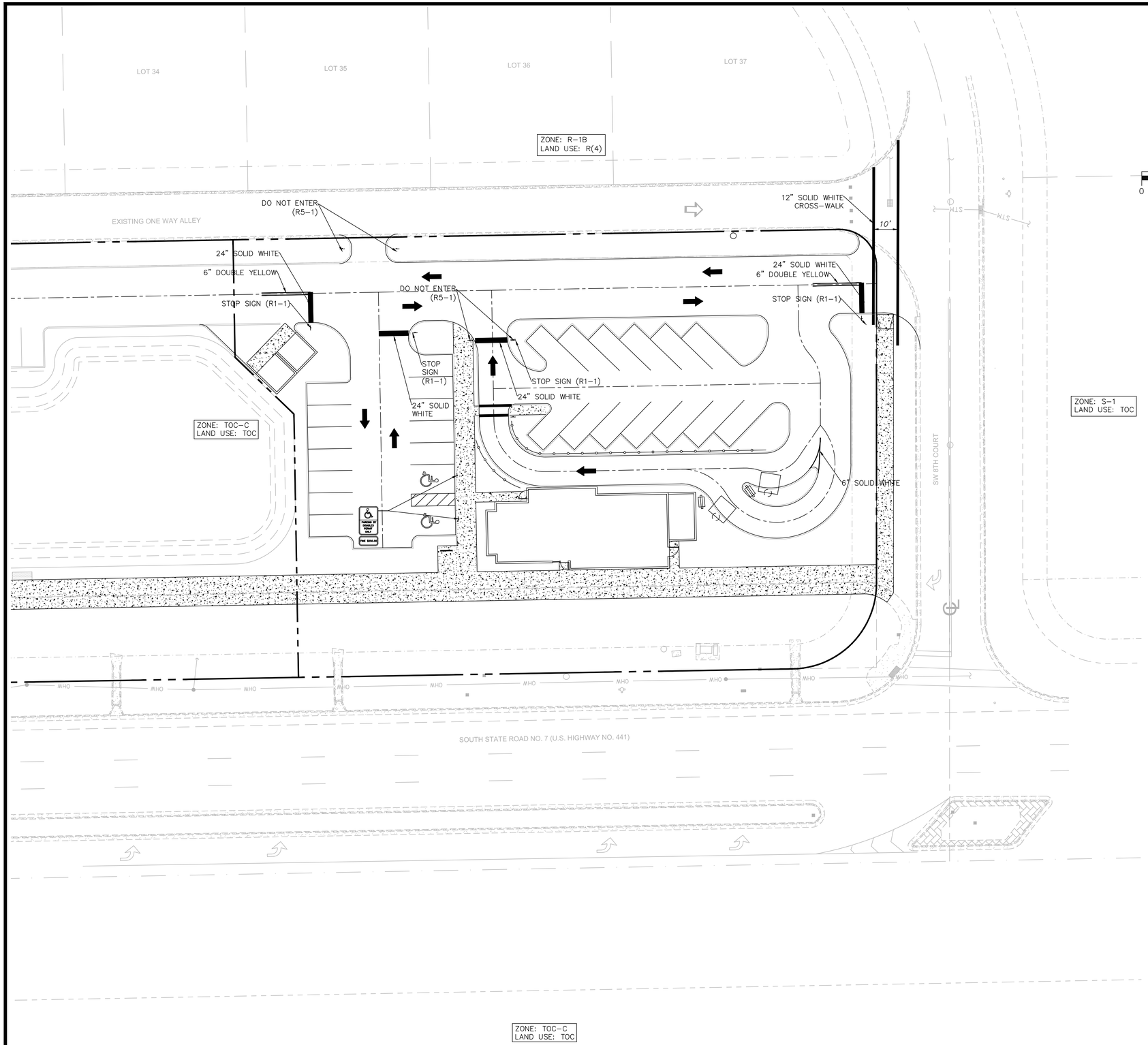
CERTIFICATE OF AUTHORIZATION NO.: 9390

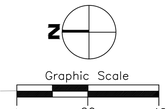
PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

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.

PAVEMENT MARKING PLAN

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		

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

SEAL

METRO CHICKEN
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PROJ. NO. 0000
SCALE: AS SHOWN

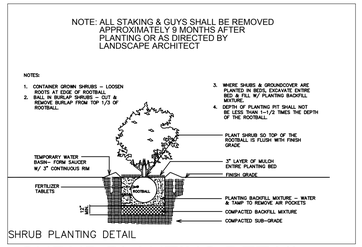
DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
CE6

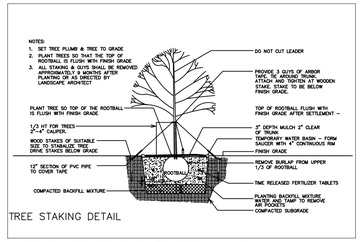
DATE DRAWN
MAR 2018

LANDSCAPE NOTES

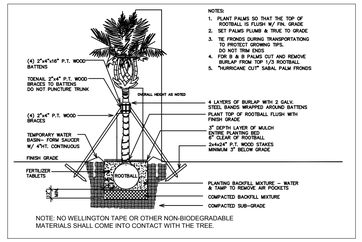
1- All plant material shall be Florida No. 1 or better as given inthe current Florida Grades and Standards for Nursery Plants, 2015, Florida Department of Agriculture and Consumer Services.
2- All plant materials shall be subject to inspection and approval by the Landscape Architect at place of growth and upon delivery for conformity to specification.
3- All plants shall be true to species and variety and shall conform to measurements specified. All substitutions shall be submitted to the City and Landscape Architect for final approval.
4-All plants shall be exceptionally heavy, symmetrical, tight knit and so trained in appearance as to be superior to form, branching and symmetry.
5. Contractor shall notify Sunshine 811 (call 811) for locations of existing utility lines 48 hours prior to beginning work. Contractor shall verify location of all utility lines and easements prior to commencing any work. Excavation in the vicinity of underground utilities shall be undertaken with care and by hand, if necessary. The Contractor bears full responsibility for this work and disruption or damage to utilities shall be repaired immediately at no expense to Owner.
6- Grade B+, shredded sterilized Melaleuca or Eucalyptus mulch shall be used in all mass planting beds and for individual tree pits. All trees shall have a mulch ring with a depth of 3" and a diameter of 3'- 4' around their base. All mulch shall be kept 4" from base of all plant material. Mulch beds shall be a minimum of 12" wider than plants measured from outside edge of foliage.
7- Sod shall be St Augustine and free of weeds, insects, fungus and disease, laid with alternating and abutting joints.
8- All trees and shrubs shall be backfilled with a suitable planting soil consisting of 50 percent sand and 50 percent approved compost. All plant materials shall be planted with a minimum of 6 to 18 inches of planting soil around the root ball. Refer to planting details. Planting soil to be backfilled into plant pits by washing in. Planting beds shall be free from road, pea, egg or colored rock, building materials, debris, weeds, noxious pests and disease.
9- All sodded areas to have a minimum of 2" of planting soil as described in note #8.
10- All trees shall be warranted by the Contractor and will be healthy and in flourishing condition of active growth one year from date of final acceptance.
11- All shrubs, groundcovers, vines and sod shall be fully warranted for 90 days under same condition as above.
12- All synthetic burlap, synthetic string or cords or wire baskets shall be removed before any trees are planted. All synthetic tape shall be removed from trunks, branches, etc before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before trees are backfilled. Planting soil to be backfilled into pits by washing in.
13- All trees and palms shall be planted with the top of their rootballs 1"-2" above finished grade. All other plants shall be planted with top of their rootballs no deeper than the final grade surrounding the planting area.
14- In areas where paved surfaces abut sod or mulch, the final level of both surfaces should be even.
15- All planting shall be installed with fertilizer at time of planting.
16- All planting shall be installed in a sound, workmanlike manner and according to good planting procedures. Installation shall include watering, weeding, fertiilizing, mulching, selective pruning and removal of refuse and debris on a regular basis so as to present a neat and well kept appearance at all times.
17- All landscape and sod areas shall have an automatic irrigation system installed. Coverage should be 100% with 50% minimum overlap using rust free water to all landscape and sod areas. Spray upon public sidewalks, streets and adjacent properties should be minimized. Sodded areas and shrub/ groundcover beds should be on separate irrigation zones for a more efficient system. Irrigation system shall be installed with a rainswitch device.
18- All landscape and irrigation shall be installed in compliance with all local codes.
19- The plan shall take precedence over the plant list, should there be any discrepancy between the two.



SHRUB PLANTING DETAIL



TREE STAKING DETAIL



PALM PLANTING DETAIL

Plant List

Sym	Qty	Botanical / Common Name	Size	Native	Drought Tolerance
Trees/ Palms					
BA	9	Bulnesia arborea/ Verawood	12' Ht. x 5' Spr., 2" cal.	No	High
CG	10	Caesalpinia granadillo / Bridalveil Tree	10' Ht. x 5' Spr., 2" cal., Single Trunk	No	High
CES	3	Conocarpus erectus serieus/ Silver Buttonwood	10' Ht. x 5' Spr., 2" cal. Single trunk	Yes	High
TH	5	Tabebuia hyterophylla / Pink Trumpet Tree	12' Ht. x 5' Spr., 2" cal.	No	High
TR	4	Thrinax radiata/ Florida Thatch Palm	12' OA Ht	Yes	High
QV	11	Quercus virginiana/ Live Oak	12' Ht. x 5' Spr., 2" cal.	Yes	High
JA	4	Jatropha integerrima 'compacta'/ Jatropha	5' Ht, std	No	High
LI	12	Lagerstromia indica 'Muskogee'/ Crape Myrtle	10' Ht x 3' Spr, single trunk 2" cal	No	High
Shrubs/Groundcovers					
CI	299	Chrysobalanus icaco / Cocoplum	24" x 24", 24" O.C.	Yes	Medium
IV	74	Ilex vomitoria 'Stokes Dwarf'/ Dwarf Ilex	10" x 10", 18" O.C.	Yes	High
MU	127	Muhlenbergia capillaris / Muhly Grass	24" x 24", 24" O.C.	Yes	High
SA	51	Schefflera arboricola 'Trinette' / Variegated Arboricola	24" x 24", 24" O.C.	No	High
CE	120	Conocarpus erectus/ Green Buttonwood	24" x 24", 24" O.C.	Yes	High
Sod		St. Augustine			
Mulch		Shredded Melaleuca or Eucalyptus			

Existing Tree Chart

Existing tree number	Botanical/ Common Name	Size (caliper, spread)	Condition	Disposition
70	Quercus virginiana/ Live Oak	10", 28' Spr	Good	Remain
71-74	Conocarpus erectus/ Green Buttonwood	Cluster, 6", 720 sf canopy	Fair	Remove
75-78	Conocarpus erectus/ Green Buttonwood	Cluster, 6", 748 sf canopy	Fair	Remove
79	Quercus virginiana/ Live Oak	14", 24' Spr	Good	Remain
80	Quercus virginiana/ Live Oak	14", 25' Spr	Good	Remain
81	Quercus virginiana/ Live Oak	14", 32' Spr	Good	Remain

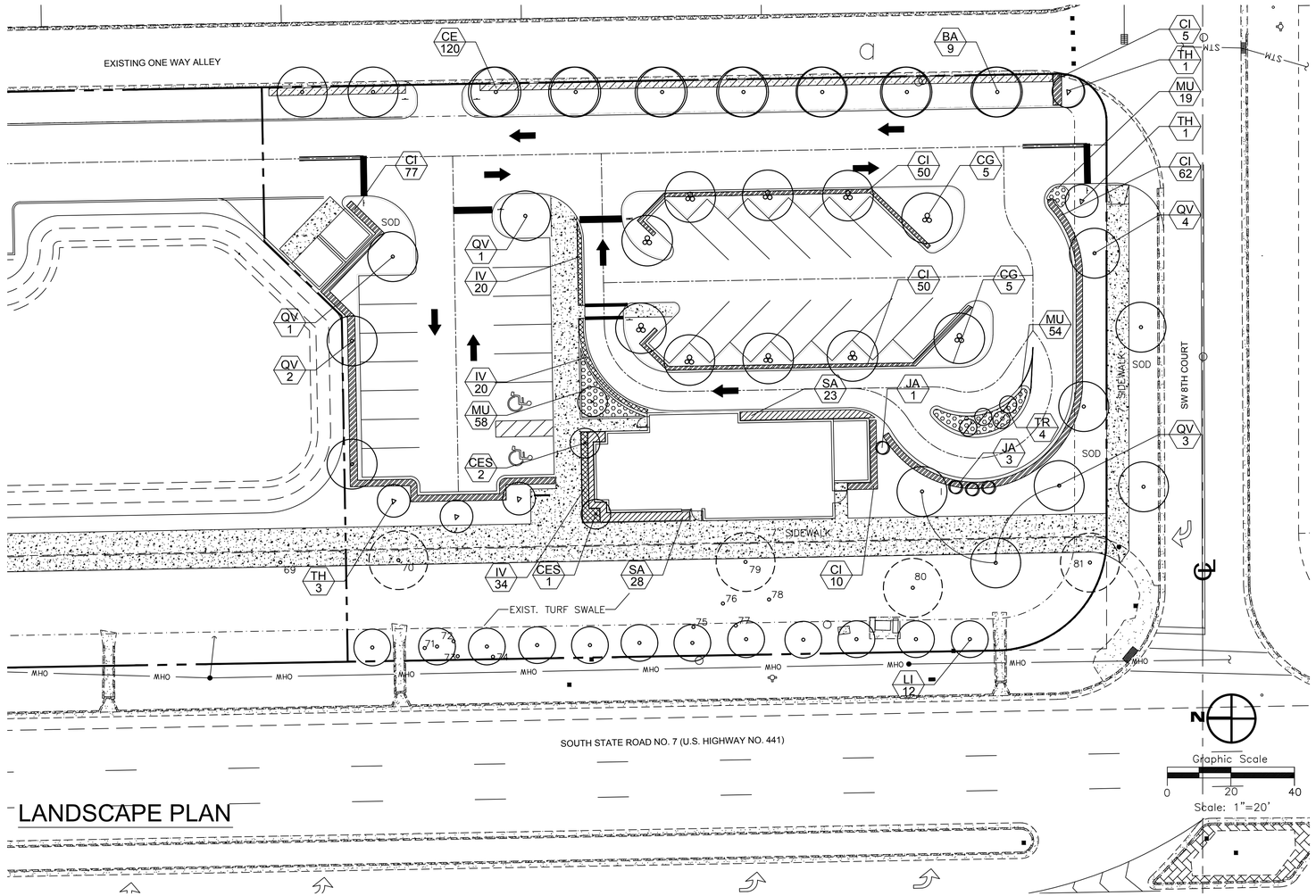
Note: A tree removal permit is required by the City prior to the removal of any trees on site.

Mitigation: Tree canopy square footage removed= 1468 sf
Tree canopy square footage replaced= 3 oaks & 3 tabebuia = 1800sf

Landscape Requirements

Zoning TOC-C
Lot Area = 42,229 sf (.97AC)

Description	Application	Calculation	Qty. Required	Qty. Provided
Right of Way Trees	1/40'			
	SR 7(power lines)	215.75'/ 18'	12	12
	SW 8th Court	130.37'/ 40'	4	4
Residential Buffer Trees	1/25' East perimeter	260' /25'	10	10
Perimeter Trees	1/75' North perimeter	155/75'	2	2
Interior Landscape Area	20 sf/ parking space	27(20 sf)	540 sf	2124 sf
Interior Trees	1/ 200 sf interior landscape	540 sf	3	23
Interior Shrubs	5/ 200 sf interior landscape	540/200 x 5	14	100
Native trees	50%	31 (.50)	16	15 + 4 existing oaks



LANDSCAPE PLAN

REV.	DESCRIPTION	DATE
1	02-01-2019	
2		
3		
4		
5		
6		

KIMBERLY MOYER, RLA
LANDSCAPE ARCHITECTURE
(954) 492–9609
LIC. NO. #LA0000952

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

LOUISIANA KITCHEN
POPEYES

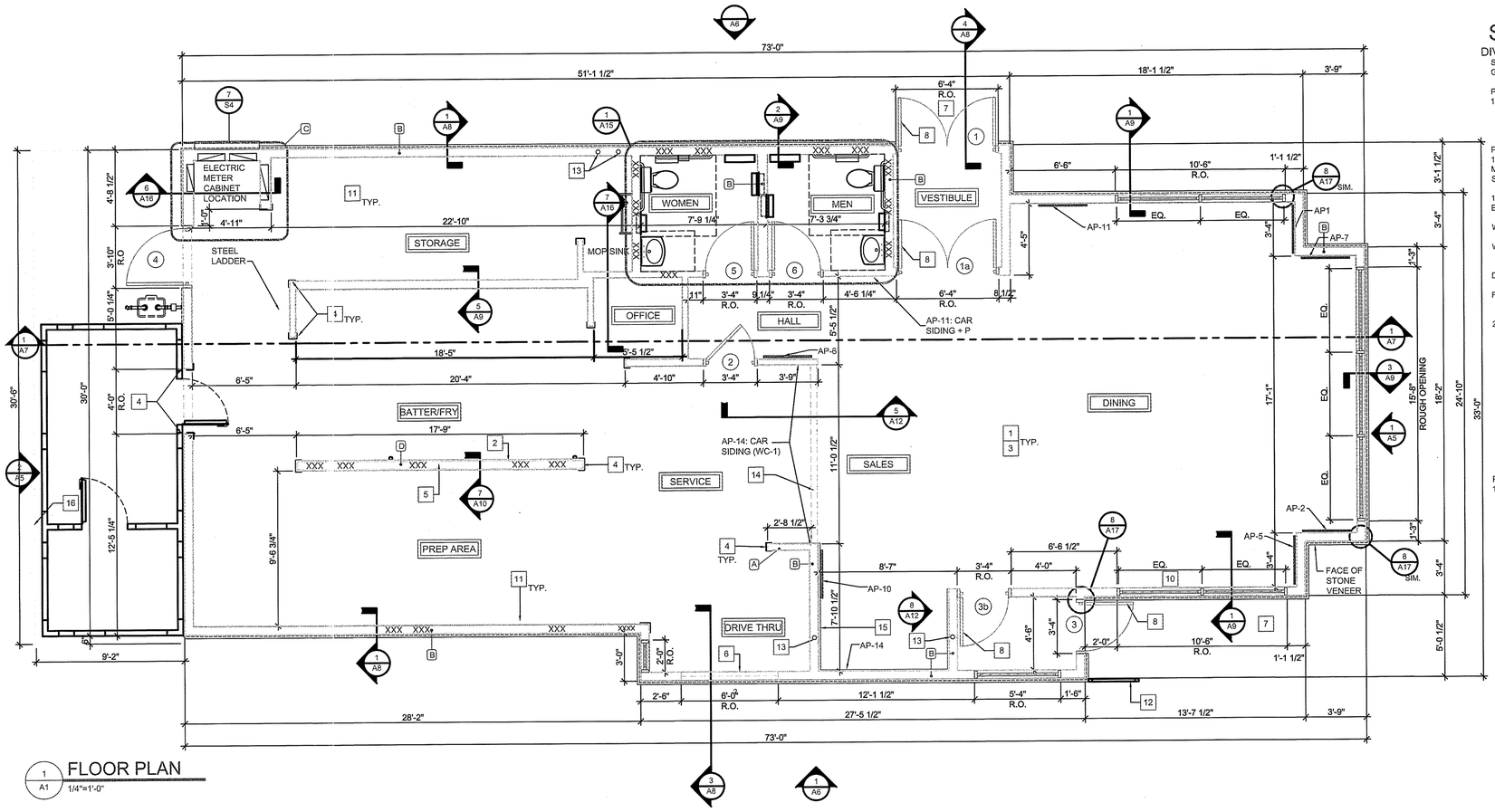
ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE – (561) 358–4140
FAX – (561) 966–9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

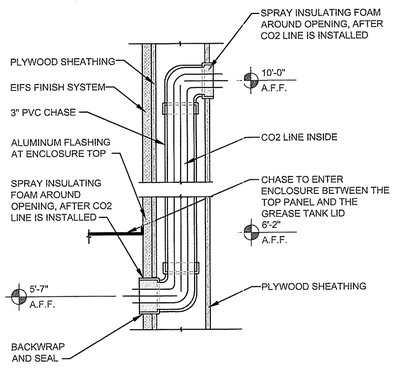
DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
L-1

DATE DRAWN
SEPTEMBER 2018



1 A1 FLOOR PLAN
1/4"=1'-0"



2 A1 CO2 LINE PENETRATION
1 1/2"=1'-0"

FRAMING SYMBOLS

- A 2X4 FRAMING @ 16" O.C.
- B 2X6 FRAMING @ 24" O.C.
- C 2X8 FRAMING @ 24" O.C.
- D 2X6 FRAMING @ 16" O.C. W/ 2 LAYERS TYPE X GWB

1 DOOR NUMBER. SEE SHEET A-10 FOR DETAILS

6 / A12 DETAIL NUMBER / SHEET NUMBER
PLAN DETAIL

1 / A3 DETAIL NUMBER / SHEET NUMBER
SECTION DETAIL - ARROW INDICATES DIRECTION OF VIEW

XXX DENOTES BLOCKING AS REQUIRED

CONSTRUCTION KEY NOTES

1. DIMENSIONS ARE SHOWN:
   1) EXTERIOR WALLS: FROM INTERIOR FACE OF GYPSUM BOARD TO THE EXTERIOR FACE OF PLYWOOD.
   2) INTERIOR WALLS: FROM THE FACE OF FINISH WALL TO THE FACE OF FINISH WALL, U.N.O..
2. INSTALL 3'-0" W X 8'-0" H X 18 GA STAINLESS STEEL PANEL BEHIND OVENS AND FRYERS. S/S SHALL EXTEND 18" BESIDE EQUIPMENT. REFER TO INTERIOR KITCHEN ELEVATIONS AND EQUIPMENT PLAN FOR EXACT LOCATION.
3. ALL GYPSUM WALL BOARD BELOW FINISHED CEILING HEIGHT IS TO BE PREPARED FOR PAINTING OR WALLCOVERING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE. SEE GEN. CONSTR. NOTES FOR DINING AREA
4. GENERAL CONTRACTOR (G.C.) TO PROVIDE 2"X2" FULL HEIGHT CORNER GUARDS ON ALL OUTSIDE CORNERS @ KITCHEN WALLS.
5. HOOD WALL TO BE CONSTRUCTED WITH 3-5/8" 16 GAUGE (GA.) METAL STUDS AT 24" O.C.. INSTALL 5/8" MOISTURE RESISTANT TYPE X GYPSUM WALL BOARD ON BOTH WALL SIDES FROM FINISHED FLOOR TO 18" AFF, AND 5/8" TYPE X GYPSUM FROM 18" AFF TO BEYOND CEILING.
6. ELECTRIC DRIVE-THRU WINDOW TO BE INSTALLED AT THE LOCATION SHOWN. VERIFY REQUIRED ROUGH-IN AND ELECTRICAL REQUIREMENTS WITH MANUFACTURER BEFORE PROCEEDING.
7. THE ARCHITECT AND ENGINEERS OF RECORD SHALL VERIFY ALL ACCESSIBLE APPROACHES AND ENTRANCES TO VERIFY THAT THEY COMPLY WITH ALL APPLICABLE CODES. G.C. TO ENSURE THAT ALL DIRECTIONS AND DIMENSIONS GIVEN ARE STRICTLY ADHERED TO. IF CHANGES ARE MADE THAT CONTRADICT WITH THE DRAWING, OR IF EXISTING FILED CONDITIONS MAKE THE DRAWINGS NOT APPLICABLE, THE ARCHITECT MUST BE CONTACTED IMMEDIATELY.
8. ALL DOORS SHALL BE ABLE TO BE OPENED FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT, AND COMPLY WITH ALL CODES. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
9. PROVIDE A STAINLESS STEEL TRIM ENCLOSURE AT WALK-IN ABUTTING THE BUILDING AT THE REAR OPENING OF THE KITCHEN.
10. ALL GLAZING WITHIN A 24" ARC OF DOORS WHOSE BOTTOM IS LESS THAN 60" ABOVE THE FLOOR AND ALL GLAZING IN DOORS SHALL BE SAFETY TEMPERED.
11. PROVIDE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD ON ALL INTERIOR KITCHEN WALL SURFACES FROM FINISHED FLOOR TO 18" ABOVE FINISHED FLOOR, UNO. PROVIDE 1/2" ORIENTED STRAND BOARD FROM 18" AFF TO BEYOND CEILING ON ALL KITCHEN WALLS.
12. INSTALL GUARDRAIL ACCORDING TO THE MANUFACTURER'S SPECIDICATION, SEE DETAIL 3/A6.
13. SEE P1 SHEET FOR SODA LINE CHASES. VERIFY LOCATIONS WITH BEVERAGE PROVIDER.
14. INSTALL THE HALF WALL FOR THE FRONT COUNTER AFTER THE KITCHEN EQUIPMENT HAS BEEN BROUGHT IN. PROVIDE 1/2" GYPSUM WALL BOARD ON THE SIDE FACING THE DINING. PROVIDE 1/2" ORIENTED STRAND BOARD WITH FRP ON THE SIDE FACING THE KITCHEN.
15. INSTALL POPEYES CAR SIDING ON WALL SURFACE FROM TOP OF COUNTER TO BEYOND CEILING ON ALL WALLS AROUND THE SELF SERVE DRINK STATION. (VERIFY WITH THE HEALTH DEPARTMENT IS THIS SURFACE IS ALLOWED.)
16. PROVIDE MINIMUM 4" CONCRETE SLAB WITH WWF 6X6-W1.4 X W1.4 FOR THE INSTALLATION OF THE EXTERIOR COOLER/FREEZER. PREPARE SUBSTRATE AS SPECIFIED BY THE STRUCTURAL DRAWINGS.

SPECIFICATIONS

DIVISION 9: FINISHES

SECTION 09 29 00
GYPSUM BOARD

Part 1 - GENERAL
1.1 SECTION INCLUDES
A. STANDARD GYPSUM BOARD
B. FIRE-RESISTANCE RATED GYPSUM BOARD
C. FIRE RESISTANCE RATED - MOISTURE RESISTANT GYPSUM BOARD

PART 2 - SCOPE
1.1 SCOPE: FURNISH AND INSTALL GYPSUM WALL BOARD AS A SUBSTRATE FOR THE INTERIOR FINISH MATERIALS ON INTERIOR WALLS AS SHOWN ON DRAWINGS. FURNISH AND INSTALL GYPSUM WALL BOARD SUSPOENDED CEILING WITH HANGERS AND SUPPORTS.

1.2 MATERIALS: MATERIAL NAMES ARE BASED ON A NATIONAL GYPSUM GOLD BOND STA-SMOOTH BEVEL EDGE SYSTEM BY U.S. GYPSUM.

WALLS EXCEPT WHERE NOTED):	1/2" STA-SMOOTH GYPSUM WALL BOARD.
WALLS WHERE NOTED:	1/2" THINK TAPERED EDGES MOISTURE RESISTANT (M/R) GYPSUM WALL BOARD.
DROPPED CEILING WHERE NOTED:	1/2" STA-SMOOTH GYPSUM WALL BOARD.
FIRE RATED WHERE NOTED:	5/8" FIRE RATED GYPSUM WALL BOARD. 5/8" FIRE RATED M/R GYPSUM WALL BOARD.

2. FASTENERS:

A. GWB-54 1-5/8" LONG ANNULAR RING SHANK NAILS MEETING THE REQUIREMENTS OF ASTM C-380.
B. 1-1/4" LONG TYPE-W DRYWALL SCREWS TO WOOD STUDS.
C. 1-1/4" LONG TYPE-S DRYWALL SCREWS TO INTERIOR METAL STUDS.
D. 1-1/4" LONG TYPE-S12 CORROSION RESISTANT SCREWS FOR EXTERIOR GYPSUM SHEATHING TO METAL STUDS.

E. JOINT TREATMENT COMPOUND SHALL BE READY MIXED. JOINT TAPE SHALL BE CROSS FIBERED, PERFORATED, FEATHER EDGED. CORNER BEADS SHALL BE GALVANIZED STEEL ROLL-FORMED U-SHAPED CHANNELS.

F. HANGERS AND SUPPORTS: 2X4 WOOD FRAMING. SUBSTITUTION: FOR STEEL TRUSS BUILDINGS 1-1/2" CARRYING CHANNELS, 3/4" FURRING CHANNELS, 8 GAUGE HANGER WIRES, 16 GAGE TIE WIRES, AND 1" TYPE S SCREWS.

PERFORMANCE
1. INSTALLATION

A. CUTTING WALLBOARD: GYPSUM WALLBOARD SHALL BE CUT BY SCORING AND BREAKING, OR BY SAWING, WORKING FROM THE FACE SIDE. WHERE BOARD MEETS PROJECTING SURFACES, IT SHALL BE SCRIBED NEATLY.

B. INSTALLING WALLBOARD: GYPSUM WALLBOARD SHALL BE APPLIED AT RIGHT ANGLES TO FRAMING MEMBERS. BOARDS OF MAXIMUM PRACTICAL LENGTH SHALL BE USED SO THAT AN ABSOLUTE MINIMUM NUMBER OF END JOINTS OCCUR. WALLBOARD JOINTS AT OPENINGS SHALL BE LOCATED SO THAT NO END JOINT SHALL ALIGN WITH EDGES OF OPENINGS. END JOINTS SHALL BE STAGGERED.

C. FASTENING WALLBOARD: ATTACH WITH SCREWS OR NAILS SPACED APPROXIMATELY 8" O.C.. THE NAILS SHALL BE DRIVEN HOME WITH THE HEAD SLIGHTLY BELOW THE SURFACE OF THE BOARD IN A DIMPLE FORMED BY THE DRIVING TOOL.

D. FASTENING EXTERIOR GYPSUM SHEATHING: ATTACH TO METAL STUDS WITH SCREWS @ 12" O.C. WITH HEAD FLUSH WITH SURFACE.

E. JOINTS FINISHING: JOINT COMPOUND, QUICK-TREAT, AND TOPPING COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH PRINTED INSTRUCTIONS CONTAINED IN THE PACKAGE. A UNIFORMLY THIN LAYER OF JOINT COMPOUND SHALL BE APPLIED OVER THE JOINT UNDER THE TAPE TO PROVIDE PROPER BOND. CEILING AND WALL ANGLES AND INSIDE CORNER ANGLES SHALL BE REINFORCED WITH THE TAPE FOLDED TO CONFORM TO THE ANGLE AND IMBEDDED IN THE COMPOUND.
AFTER THE COMPOUND IS THOROUGHLY DRY, APPROXIMATELY TWENTY FOUR (24) HOURS FOR REGULAR COMPOUND, 2-1/2 HOURS FOR QUICK TREAT, THE TAPE SHALL BE COVERED WITH A COAT OF JOINT COMPOUND OR TOPPING COMPOUND SPREAD OVER THE TAPE APPROXIMATELY 3" ON EACH SIDE OF TAPE, AND FEATHERED OUT AT THE EDGES. AFTER THOROUGHLY DRY, APPLY ANOTHER CROWN OVER JOINTS. THIS COAT SHALL BE SMOOTH AND THE EDGES FEATHERED APPROXIMATELY 3" BEYOND THE PRECEEDING COAT. ALLOW EACH APPLICATION OF COMPOUND TO JOINTS AND NAIL HEADS TO DRY, THEN SAND IF NECESSARY. ALL WALLBOARD AND TREATED AREAS SHALL BE SMOOTH AND READY FOR PAINTING OR WALLCOVERING.

GENERAL CONSTRUCTION NOTES

GYPSUM BOARD / EXTERIOR SHEATHING NOTES:

1. EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR ORIENTED STRAND BOARD NAILED IN ACCORDANCE WITH THE STRUCTURAL NAILING SCHEDULE. REFER TO SHEETS S-4.
2. 1/2" ORIENTED STRAND BOARD TO BE INSTALLED ON ALL INTERIOR WALLS WHERE PLYWOOD IS NOT REQUIRED. ALL JOINTS ARE TO BE PROPERLY SECURED.
3. GYPSUM BOARD SHALL BE TYPE "MOISTURE RESISTANT" IN ALL AREAS TO RECEIVE WALL TILE OR FRP PANELS.
4. ALL WALLS TO RECEIVE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD INSTALLED TO 18" AFF UNO.

INSULATION NOTES:

1. ALL EXTERIOR WALLS TO RECEIVE FIBERGLASS BATT INSULATION TO MATCH DEPTH OF WALL CAVITY.

KITCHEN WALL NOTES:

1. PROVIDE 1/2" ORIENTED STRAND BOARD FROM 1'-6" AFF TO 9'-6" AFF IN ALL KITCHEN WALLS.
2. PROVIDE 1/2" DUROCK FROM 1'-6" AFF TO 5'-6" AFF AT INTERIOR TOILET ROOM WALLS.

DINING AREA NOTES:

1. PLASTIC LAMINATE TO ADHERE TO 1/2" ORIENTED STRAND BOARD SUBSTRATE. PLYWOOD FROM FINISH FLOOR TO 2'-10" AFF.
2. VINYL WALL COVERING ON 1/2" GYPSUM BOARD.

BLOCKING NOTES:

1. "xxxxxxx" INDICATES BLOCKING REQUIRED IN WALL FOR PLUMBING LINES AND RESTROOM ACCESSORIES. BLOCKING SHALL BE FIRE RETARDANT WHERE REQUIRED BY CODE.
2. CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING. CONTRACTOR IS RESPONSIBLE FOR OBTAINING MANUFACTURS' CUT SHEETS AND LOCATING BLOCKING AS REQUIRED. THIS INCLUDES KITCHEN EQUIPMENT AND ITEMS FURNISHED AND INSTALLED BY OTHERS.

FRAMING NOTES:

1. CONTRACTOR MAY SUBSTITUTE METAL STUDS FOR INTERIOR WALL, AND SOFFIT FRAMING. WHERE USED, METAL FRAMIMING TO BE 25 GA. UNLESS NOTED OTHERWISE (U.N.O.).
2. REFER TO FRAMING NOTES FOR WALL SECTIONS.
3. ALL INTERIOR WOOD FRAMING TO BE #2 SPRUCE, FIR OR WHITE PINE. WHERE REQUIRED BY CODE, FRAMING SHALL BE #2 FIRE RETARDANT YELLOW PINE. CONTRACTOR TO VERIFY REQUIREMENTS WITH LOCAL BUILDING OFFICIALS PRIOR TO BIDDING.
4. ALL WOOD IN CONTACT WITH THE SLAB MUST BE PRESSURE TREATED.
5. ALL INTERIOR WALLS TO BE FRAMED TO UNDERSIDE OF TRUSS U.N.O..
6. ALL INTERIOR WALLS THAT ARE NOT SHEAR WALLS TO BE ANCHORED W/ 5/8" DIA. EXPANSION ANCHORS AT 6'-0" O.C. SEE STRUCTURAL DWGS. FOR SHEAR WALL ANCHORS.

REV.	DESCRIPTION	DATE
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA
4/26/18
SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

LOUISIANA KITCHEN
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. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
A1

DATE DRAWN
04/22/18

FLOOR 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 (UC-4 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 SMACNA 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 L/240 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 MANUFACTURERE'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 feet (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 MANUFACT. 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 OF 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.

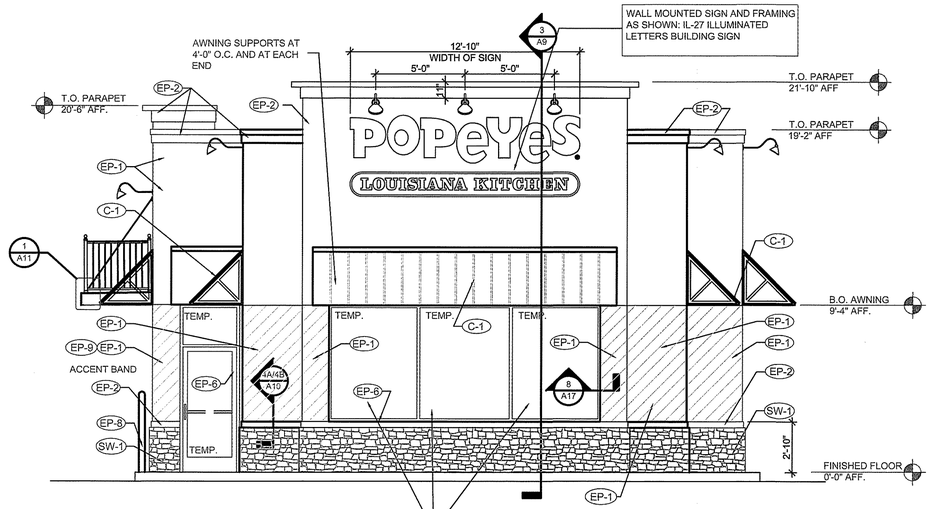
I. APPLY APPROPRIATE GROUND COAT OVER THE INSULATION BOARD WITH PROPER SPRAY EQUIPMENT OR A STAINLESS STEEL TROWEL TO A UNIFORM THICKNESS OF APPROXIMATELY 1/16". WORK HORIZONTALLY OR VERTICALLY IN STRIPS OF 40", AND IMMEDIATELY EMBED STANDARD REINFORCING MESH INTO THE WET GROUND COAT. THE MESH SHALL 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.

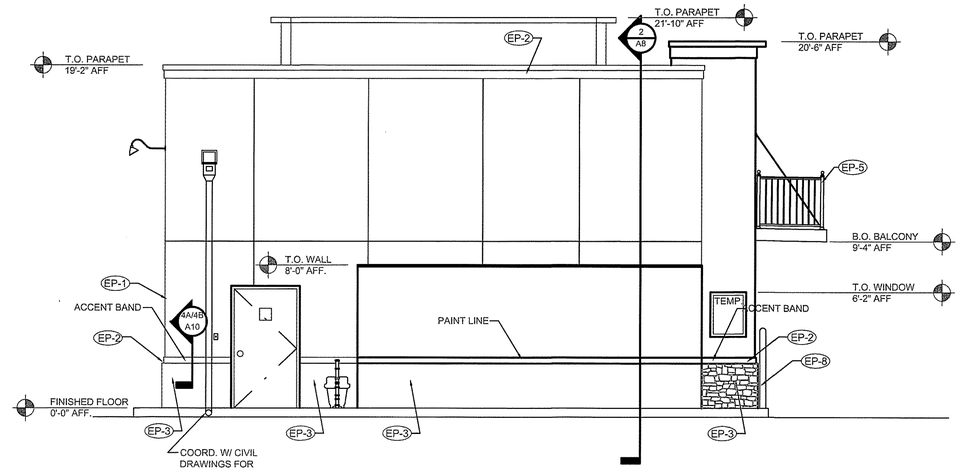
K. IF A PRIMER IS USED, APPLY WITH BRUSH, ROLLER OR PROPER SPRAY EQUIPMENT OVER CLEAN, DRY GROUND COAT AND ALLOW TO DRY THOROUGHLY BEFORE APPLYING FINISH. P. APPLY FINISH DIRECTLY OVER THE GROUND COAT (OR PRIMED GROUND COAT) ONLY AFTER THE GROUND COAT/PRIMER HAS THOROUGHLY DRIED. THE FINISH SHALL BE 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 "J"-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.

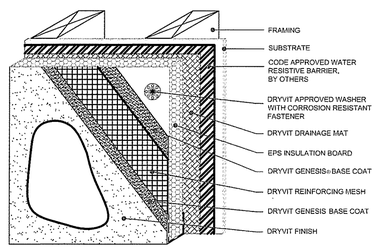
L. EXTERIOR INSULATION AND FINISH TEXTURE SYSTEM: APPLY HIGH IMPACT SYSTEM ADJACENT TO DOORS FOR ADDITIONAL IMPACT RESISTANCE, USING INTERMEDIATE MESH. USE THE STANDARD SYSTEM SPECIFICATIONS AT ALL OTHER LOCATIONS.



1/A5 FRONT ELEVATION
1/4"=1'-0"

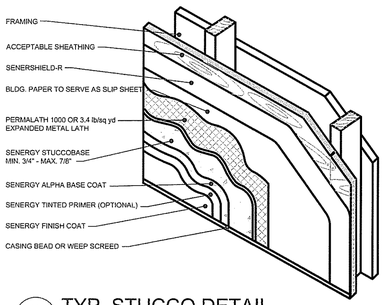


2/A5 REAR ELEVATION
1/4"=1'-0"



DRAINAGE MAT (SYSTEM 1) Outsulation LCMD option1 as manuf by Dryvit

3A/A5.0 TYP. EIFS DETAIL
NTS



3B/A5.0 TYP. STUCCO DETAIL
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

REV.	DESCRIPTION	DATE
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA
4/26/18

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

LOUISIANA KITCHEN
POPEYES

ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE (561) 966-4430
FAX (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

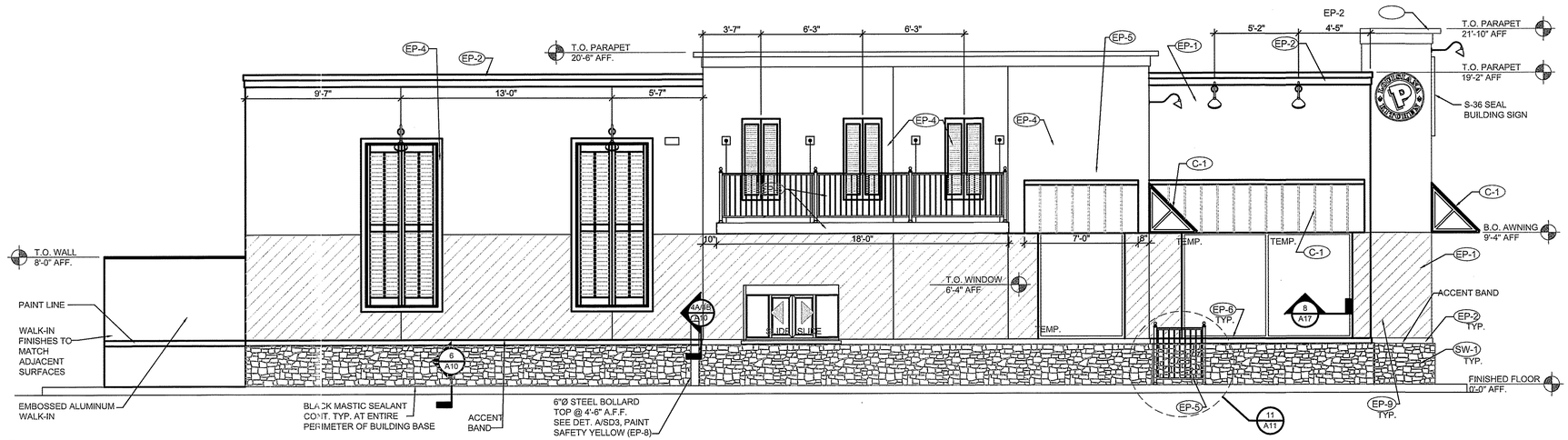
PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
A5

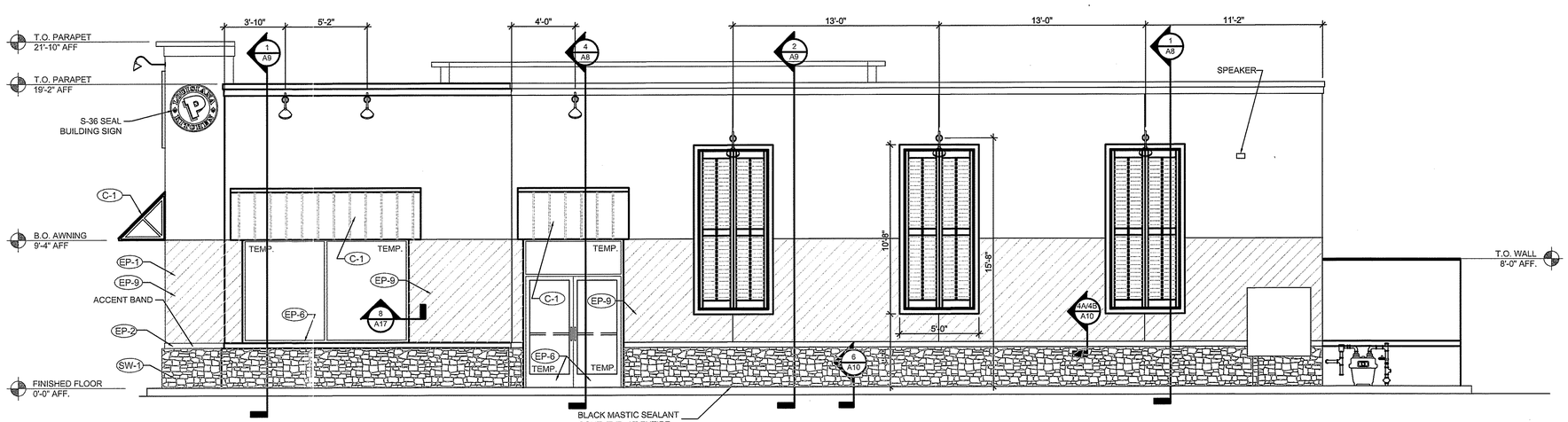
DATE DRAWN
04/22/18

FRONT & REAR ELEVATIONS



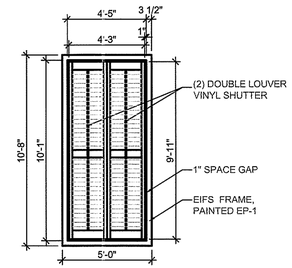
1 A5 DRIVE THRU ELEVATION

1/4"=1'-0"



2 A5 MAIN ENTRY ELEVATION

1/4"=1'-0"



1 A5 FRONT ELEVATION

1/4" =1'-0"

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 ESPRESSENCE 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

SPECIFICATIONS

SECTION TITLE
ALUMINUM - FRAMED ENTRANCES AND STOREFRONTS YKK AP PRODUCT SERIES YKK AP YES 45 FS/FI SERIES
PART 1 GENERAL
1. SECTION INCLUDES: ALUMINUM STOREFRONT, INCLUDING:
 1.1. YKK AP SERIES YES 45 FI STOREFRONT SYSTEM (INSULATING GLAZING)
1. RELATED SECTIONS:
 1.1. SINGLE SOURCE REQUIREMENT: ALL PRODUCTS LISTED BELOW SHALL BE BY THE SAME MANUFACTURER.

2. SYSTEM PERFORMANCE DESCRIPTION
 2.1. PERFORMANCE REQUIREMENTS: PROVIDE ALUMINUM STOREFRONT SYSTEMS THAT COMPLY WITH PERFORMANCE REQUIREMENTS INDICATED, AS DEMONSTRATED BY TESTING MANUFACTURER'S ASSEMBLIES IN ACCORDANCE WITH TEST METHOD INDICATED.
 2.2. AIR INFILTRATION: WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT DIFFERENTIAL STATIC PRESSURE OF 6.24 PSF (299 PA), COMPLETED STOREFRONT SYSTEMS SHALL HAVE MAXIMUM ALLOWABLE INFILTRATION OF:
  2.2.1. 0.06 CFM/FT² (1.10 M ³ /H · M²) FOR YES 45 FI SYSTEMS.
 2.3. WATER INFILTRATION: NO UNCONTROLLED WATER WHEN TESTED IN ACCORDANCE WITH ASTM E 331 AT TEST PRESSURE DIFFERENTIAL OF:
  2.3.1. 10 PSF (479 PA) FOR YES 45 FI SYSTEMS. (OR WHEN REQUIRED, FIELD TESTED IN ACCORDANCE WITH AAMA 503). FASTENER HEADS MUST BE SEATED AND SEALED AGAINST SILL FLASHING ON ANY FASTENERS THAT PENETRATE THROUGH THE SILL FLASHING.
 2.4. WIND LOADS: COMPLETED STOREFRONT SYSTEM SHALL WITHSTAND WIND PRESSURE LOADS NORMAL TO WALL PLANE INDICATED:
  2.4.1. EXTERIOR WALLS:
   2.4.1.1. POSITIVE PRESSURE: PER LOCAL CODE.
   2.4.1.2. NEGATIVE PRESSURE: PER LOCAL CODE.
   2.4.1.3. INTERIOR WALLS (PRESSURE ACTING IN EITHER DIRECTION): PER LOCAL CODE.
 2.5. DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN TESTED IN ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN ACCORDANCE WITH AA SPECIFICATIONS FOR ALUMINUM STRUCTURES.
 2.6. THERMAL MOVEMENT: PROVIDE FOR THERMAL MOVEMENT CAUSED BY 180 DEGREES F. (82.2 DEGREES C.) SURFACE TEMPERATURE, WITHOUT CAUSING BUCKLING STRESSES ON GLASS, JOINT SEAL FAILURE, UNDUE STRESS ON STRUCTURAL ELEMENTS, DAMAGING LOADS ON FASTENERS, REDUCTION OF PERFORMANCE, OR DETRIMENTAL EFFECTS.
 2.7. THERMAL PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH AAMA 1503.1 AND NFRC 100:
  2.7.1. CONDENSATION RESISTANCE FACTOR (CRF F): A MINIMUM OF 44 FOR YES 45 FI SYSTEMS.
  2.7.2. THERMAL TRANSMITTANCE U VALUE: 0.51 BTU/HR/FT²/°F OR LESS FOR YES 45 FI SYSTEMS.
 NOTE: THERMAL PERFORMANCE FOR THE GLAZED SYSTEM AS A WHOLE WILL BE AFFECTED BY THE CHARACTERISTICS OF THE GLASS SPECIFIED.
SUBMITTALS
 2.1. GENERAL: PREPARE, REVIEW, APPROVE, AND SUBMIT SPECIFIED SUBMITTALS IN ACCORDANCE WITH "CONDITIONS OF THE CONTRACT" AND DIVISION 1 SUBMITTALS SECTIONS. PRODUCT DATA, SHOP DRAWINGS, SAMPLES, AND SIMILAR SUBMITTALS ARE DEFINED IN "CONDITIONS OF THE CONTRACT."
 2.2. PRODUCT DATA: SUBMIT PRODUCT DATA FOR EACH TYPE STOREFRONT SERIES SPECIFIED AS REQUIRED BY THE ARCHITECT OF RECORD.
 2.3. SUBSTITUTIONS: WHENEVER SUBSTITUTE PRODUCTS ARE TO BE CONSIDERED, SUPPORTING TECHNICAL DATA, SAMPLES, AND TEST REPORTS MUST BE SUBMITTED TEN (10) WORKING DAYS PRIOR TO BID DATE IN ORDER TO MAKE A VALID COMPARISON.
 2.4. SHOP DRAWINGS: PROVIDE TO THE ARCHITECT OF RECORD IF REQUESTED. SHOP DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, ACCESSORIES, FINISH COLORS AND TEXTURES.
 2.5. QUALITY ASSURANCE / CONTROL SUBMITTALS:
  2.5.1. TEST REPORTS: SUBMIT CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES IF REQUIRED BY THE LOCAL PERMITTING AUTHORITY.
 2.6. CLOSEOUT SUBMITTALS:
  2.6.1. WARRANTY: SUBMIT WARRANTY DOCUMENTS SPECIFIED HEREIN.

QUALITY ASSURANCE
1. QUALIFICATIONS:
 1.1. INSTALLER QUALIFICATIONS: INSTALLER EXPERIENCED (AS DETERMINED BY CONTRACTOR) TO PERFORM WORK OF THIS SECTION WHO HAS SPECIALIZED IN THE INSTALLATION OF WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT. IF REQUESTED BY OWNER, SUBMIT REFERENCE LIST OF COMPLETED PROJECTS.
 2.2. PRE-INSTALLATION MEETINGS: CONDUCT PRE-INSTALLATION MEETING TO VERIFY PROJECT REQUIREMENTS, SUBSTRATE CONDITIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND MANUFACTURER'S WARRANTY REQUIREMENTS.
3. PROJECT CONDITIONS / SITE CONDITIONS.
 3.1. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS / OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION; RETAIN RECORDED MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FIELD MEASUREMENTS, FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID CONSTRUCTION DELAYS.
4. WARRANTY
 4.1. PROJECT WARRANTY: REFER TO "CONDITIONS OF THE CONTRACT" FOR PROJECT WARRANTY PROVISIONS.
 4.2. MANUFACTURER'S WARRANTY: SUBMIT, FOR OWNER'S ACCEPTANCE, MANUFACTURER'S STANDARD WARRANTY DOCUMENT EXECUTED BY AN AUTHORIZED COMPANY OFFICIAL.
 4.3. WARRANTY PERIOD: MANUFACTURER'S ONE (1) YEAR STANDARD WARRANTY COMMENCING ON THE SUBSTANTIAL DATE OF COMPLETION FOR THE PROJECT PROVIDED 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: LONGER WARRANTY PERIODS ARE AVAILABLE AT ADDITIONAL COST.
5. PART 2 PRODUCTS
 5.1. MANUFACTURERS (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 5.2. ACCEPTABLE MANUFACTURERS: YKK AP AMERICA INC.
 5.3. STOREFRONT SYSTEM: YKK AP YES 45 FI STOREFRONT SYSTEM.
6. COLORS: AS SPECIFIED BY POPEYES LOUISIANA KITCHEN:

INSTALLATION
1. GENERAL: INSTALL MANUFACTURER'S SYSTEM IN ACCORDANCE WITH SHOP DRAWINGS, AND WITHIN SPECIFIED TOLERANCES.
1. PROTECT ALUMINUM MEMBERS IN CONTACT WITH MASONRY, STEEL, CONCRETE, OR DISSIMILAR MATERIALS USING NYLON PADS OR BITUMINOUS COATING.
2. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE.
3. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE.
4. PROVIDE SILL FLASHING AT EXTERIOR STOREFRONT SYSTEMS. EXTEND EXTRUDED FLASHING CONTINUOUS WITH SPLICE JOINTS; SET IN CONTINUOUS BEADS OF SEALANT.
5. VERIFY STOREFRONT SYSTEM ALLOWS WATER ENTERING SYSTEM TO BE COLLECTED IN GUTTERS AND WEPT TO EXTERIOR. VERIFY METAL JOINTS ARE SEALED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.

SECTION 8D: GLAZING

GENERAL PROVISIONS

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

MATERIALS

1. TYPE: 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

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%

APPROVED MANUFACTURERS:
VITRO CERTIFIED FABRICATOR REQUIRED
CERTIFICATION: BOTH LITES TO BE CRADLE TO CRADLE CERTIFIED™, MINIMUM BRONZE LEVEL, BY CRADLE TO CRADLE PRODUCT INNOVATION INSTITUTE (WWW.C2CCERTIFIED.ORG).

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

REV.	DESCRIPTION	DATE
1	-	-
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6		

IMTIAZ AHMED, P.E.
LICENSED ENGINEER NO. 46102
STATE OF FLORIDA
4/26/18

SEAL

METRO CHICKEN
750 STATE ROAD 7
MARGATE, FLORIDA

LOUISIANA KITCHEN
POPEYES

ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE – (561) 686-9340
FAX – (561) 686-9342
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
	ddt	

SHEET NUMBER
A6

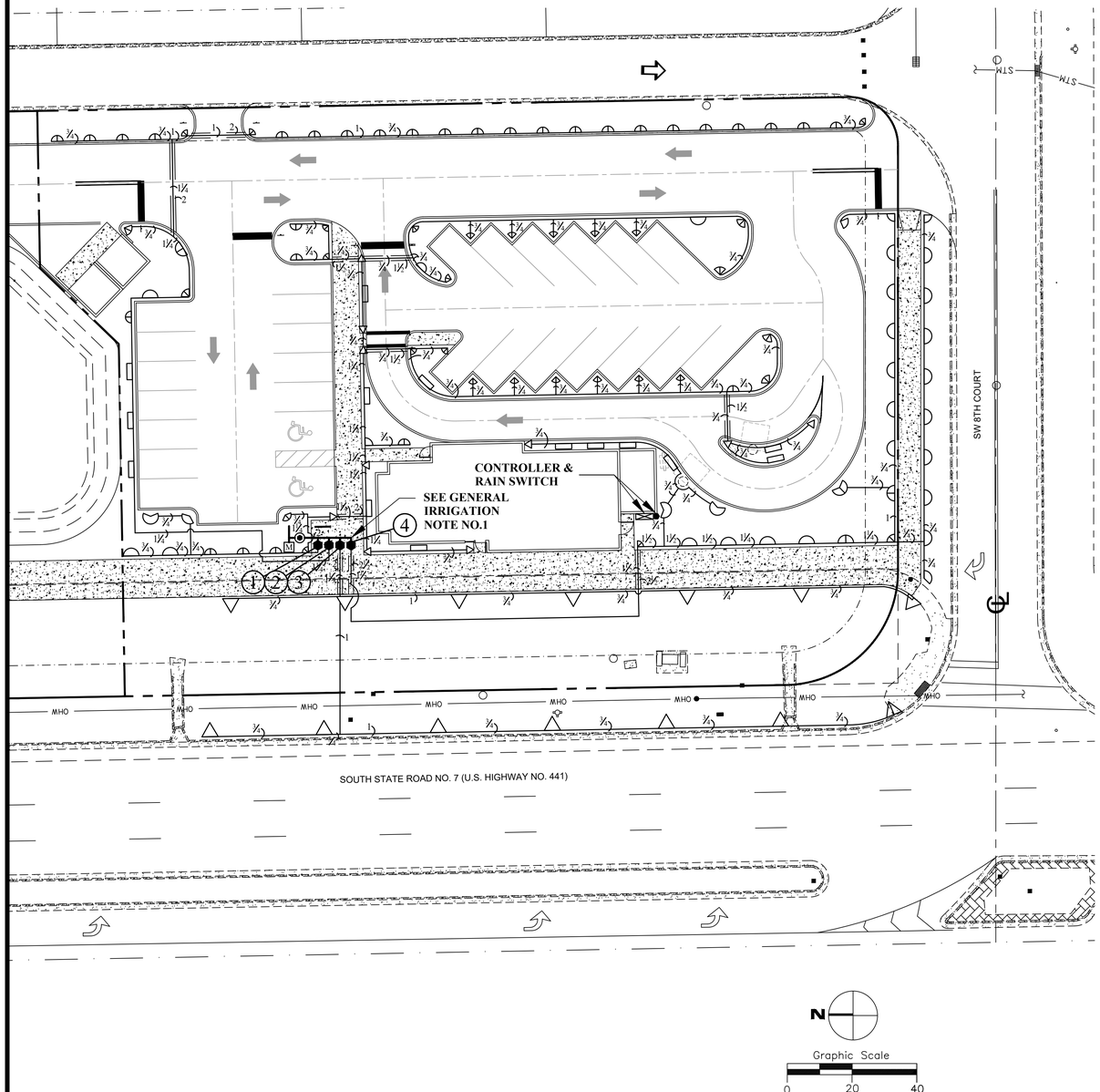
DATE DRAWN
04/22/18

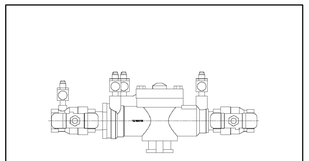
LEFT & RIGHT ELEVATIONS

SPRINKLER ZONE SUMMARY

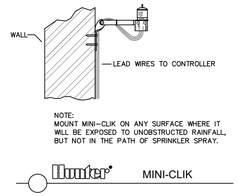
Zone No.	Head Type	GPM	Valve Size
1	Spray	30	1 1/2"
2	Spray	23	1 1/2"
3	Rotor	24	1 1/2"
4	Spray	32	1 1/2"

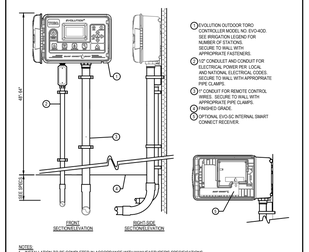
Total head count: 120 Sprays
14 Rotors

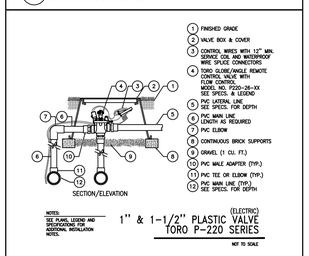


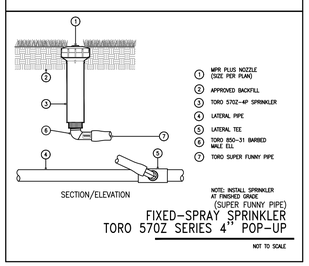


REDUCED PRESSURE ZONE BACKFLOW PREVENTER









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.

LEGEND

Symbol	Manufacturer	Part No.	Description
M		2"	Irrigation meter.
⦿	Watts	909 Series - 2"	Reduced Pressure Zone backflow preventer.
⊠	Toro	EVO-4OD	Controller-mount at location shown or as directed.
●	Hunter	Mini-Clik 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
Not Shown		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

REV.	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		

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

SEAL

METRO CHICKEN
1450 NORTH UNIVERSITY DRIVE
PEMBROKE PINES, FLORIDA

POPEYES

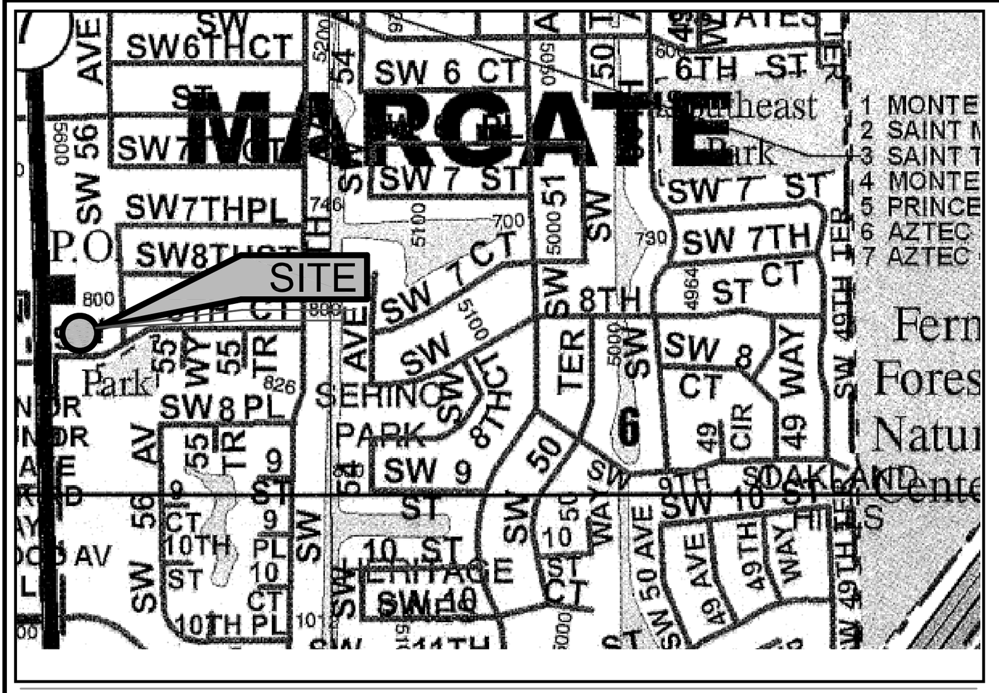
ATLANTIC ENGINEERING SERVICES, INC.
200 C2 CROSSWINDS DRIVE
WEST PALM BEACH, FLORIDA 33413
PHONE – (561) 358-4140
FAX – (561) 966-9242
CERTIFICATE OF AUTHORIZATION NO.: 9390

PROJ. NO. 0000
SCALE: AS SHOWN

DES.	DWN.	CHK.
MN	MN	MN

SHEET NUMBER
IR-1

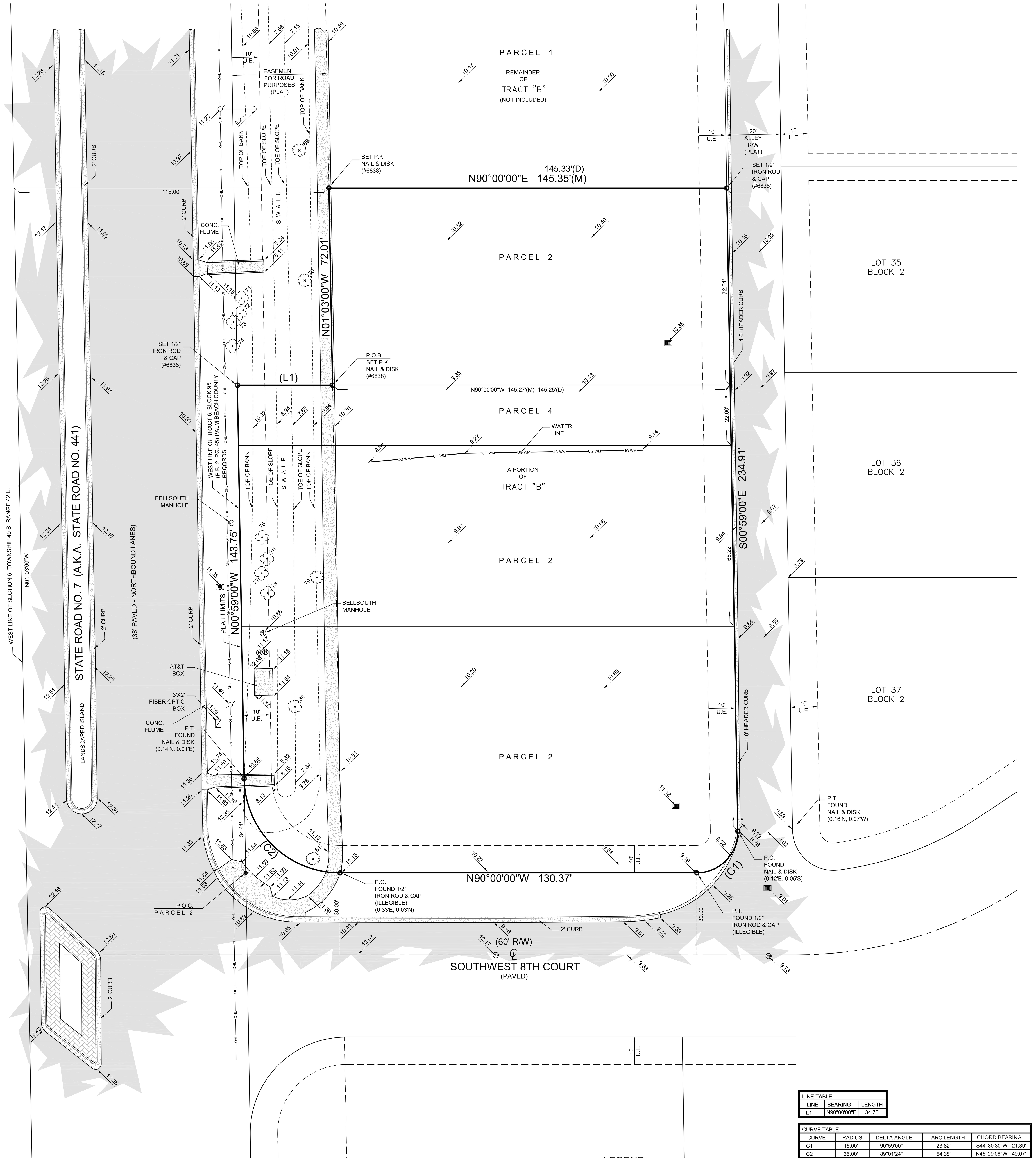
DATE DRAWN
FEBRUARY 2, 2019



LOCATION MAP N.T.S.

Scale 1" = 20'

NORTH



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 subject parcel as described hereon = 42,229 square feet (0.969 acres).
3.) Elevations shown hereon are based on North Atlantic Vertical Datum of 1988 (NAVD 88).
a) Originating benchmark = Leica Global Positioning System
b) 0.0 = 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 firms "Certificate of Authorization" number is "LB 6838".

W:\Miller\MILLER-DRAWINGS\Y18\Y180086.dwg, 24X36, 2/16/2018 1:06:50 PM

LINE TABLE

LINE	BEARING	LENGTH
L1	N90°00'00"E	34.76'

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°01'24"	54.38'	N45°29'08"W 49.07'

LEGEND:

CALC. = CALCULATED
C.B.S. = CONCRETE BLOCK STRUCTURE
CONC. MON. = CONCRETE MONUMENT
CONC. = CONCRETE
D.E. = DRAINAGE EASEMENT
U.E. = UTILITY EASEMENT
P.E. = POOL EQUIPMENT
F.F.EL. = FINISHED FLOOR ELEVATION
EL. = ELEVATION
(B.R.) = BEARING REFERENCE
(D) = DEED
(M) = MEASURED
(P) = PLAT
R = RADIUS
Δ = CENTRAL "DELTA" ANGLE
L = ARC LENGTH
CH.B. = CHORD BEARING
N.G.V.D. = NATIONAL GEODETIC VERTICAL DATUM
O.R.B. = OFFICIAL RECORD BOOK
P.B. = PLAT BOOK
P.C. = POINT OF CURVATURE
P.T. = POINT OF TANGENCY
P.R.C. = POINT OF REVERSE CURVATURE
P.C.C. = POINT OF COMPOUND CURVATURE
P.I. = POINT OF INTERSECTION
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING
R/W = RIGHT OF WAY
= CHAIN LINK FENCE
= WOOD FENCE
= METAL FENCE
= CENTERLINE
= EASEMENT
= COVERED
= OVERHEAD LINES
= LOT TIE
= ASPHALT PAVEMENT
= CONCRETE FLATWORK
= PAVER BRICK FLATWORK
= WOOD POWER POLE
= WATER METER
= FIRE HYDRANT
= CATCH BASIN
= SANITARY MANHOLE

CERTIFIED TO: Popeye's Restaurant
PROPERTY ADDRESS: 750 State Road 7, Margate, FL 33068
FLOOD ZONE: X500 (120047 - 12011C0355H 08/18/2014)
DESCRIPTION:

Parcel 2: (Fee Simple Estate)
The South 89.91 feet 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 and the South 66.23 feet of the North 1025.42 feet 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.

Together with:

A parcel of land being a portion of Tract B of the Plat of Serino Park Section 3, as recorded in Plat Book 81, Page 46, of the Public Records of Broward County, Florida and also a portion of the property described in Official Records Book 34665, Page 1715, of the Public Records of Broward County, Florida. Being more particularly described as follows:

Commencing at the Southwest corner of said Tract B, said point also being at the Point of Intersection of the North right of way line of Southwest 8th Court and the West line of Tract 6, Block 95, Palm Beach Farms Company Plat No. 3 as recorded in Plat Book 2, Page 45 through 54, Palm Beach County, Public Records, Palm Beach County, Florida. Said point also being on the West line of said Tract B of said Plat of Serino Park Section 3; thence North 00 degrees 59 minutes 00 seconds West along said West line of the plat of Serino Park Section 3 and along the West line of said Tract B a distance of 178.16 feet to a point; thence North 90 degrees 00 minutes 00 seconds East, along a line parallel to the North line of said Tract B a distance of 34.76 feet to the Southwest corner and the Point of Beginning of the herein described parcel of land. Said point also being on the East right of way line of State Road No. 7 as shown on said Plat of Serino Park Section 3; thence north 01 degree 03 minutes 00 seconds West, along said East right of way line of State Road No. 7 a distance of 72.01 feet to the Northwest corner of the herein described parcel of land; thence North 90 degrees 00 minutes 00 seconds East, along a line parallel to the North line of said Tract B a distance of 145.33 feet to the Northeast corner of the herein described parcel of land. Said point also being on the East line of said Tract B and the West line of a 20.00 foot wide platted alley; thence South 00 degrees 59 minutes 00 seconds East, along said East line of said Tract B a distance of 72.01 feet to the Southeast corner of the herein described parcel of land; thence South 90 degrees 00 minutes 00 seconds West, along a line parallel to the North line of said Tract B a distance of 145.25 feet to the Point of Beginning of the herein described parcel of land.

Parcel 3: (Non-Exclusive Easement Estate)
Together with those certain non-exclusive easements for the benefit of Parcels 1 and 2 above as created by that certain Declaration of Covenant for Public Cross-Access and Utilities Easement and Reciprocal Easement with Covenants and Restrictions recorded as Official Instrument #113579587, Public Records of Broward County, Florida.

Parcel 4: (Fee Simple Estate)
The North 22 feet of the South 88.23 feet of the North 1025.42 feet 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.

REVISIONS:

BOUNDARY SURVEY

This survey is not valid without embossed surveyor's seal and/or an authenticated electronic signature and authenticated electronic seal.

Michael J. Miller

Registered Land Surveyor, Florida Certificate No.
MICHAEL J. MILLER #4034

SCALE: 1" = 20'	MILLER LAND SURVEYING	REF: D43/39	
DRAWN BY: PICARD	1121 LAKE AVENUE, LAKE WORTH, FLORIDA 33460	PREV. JOB NO'S.	
FIELD WK: M.M. / B.M.	PHONE: (561) 586-2669 - FAX: (561) 582-0151	JOB NO. Y180086	
DATE: 02/15/2018	www.millersurveying.com e-mail: orders@millersurveying.com	L - 2055	