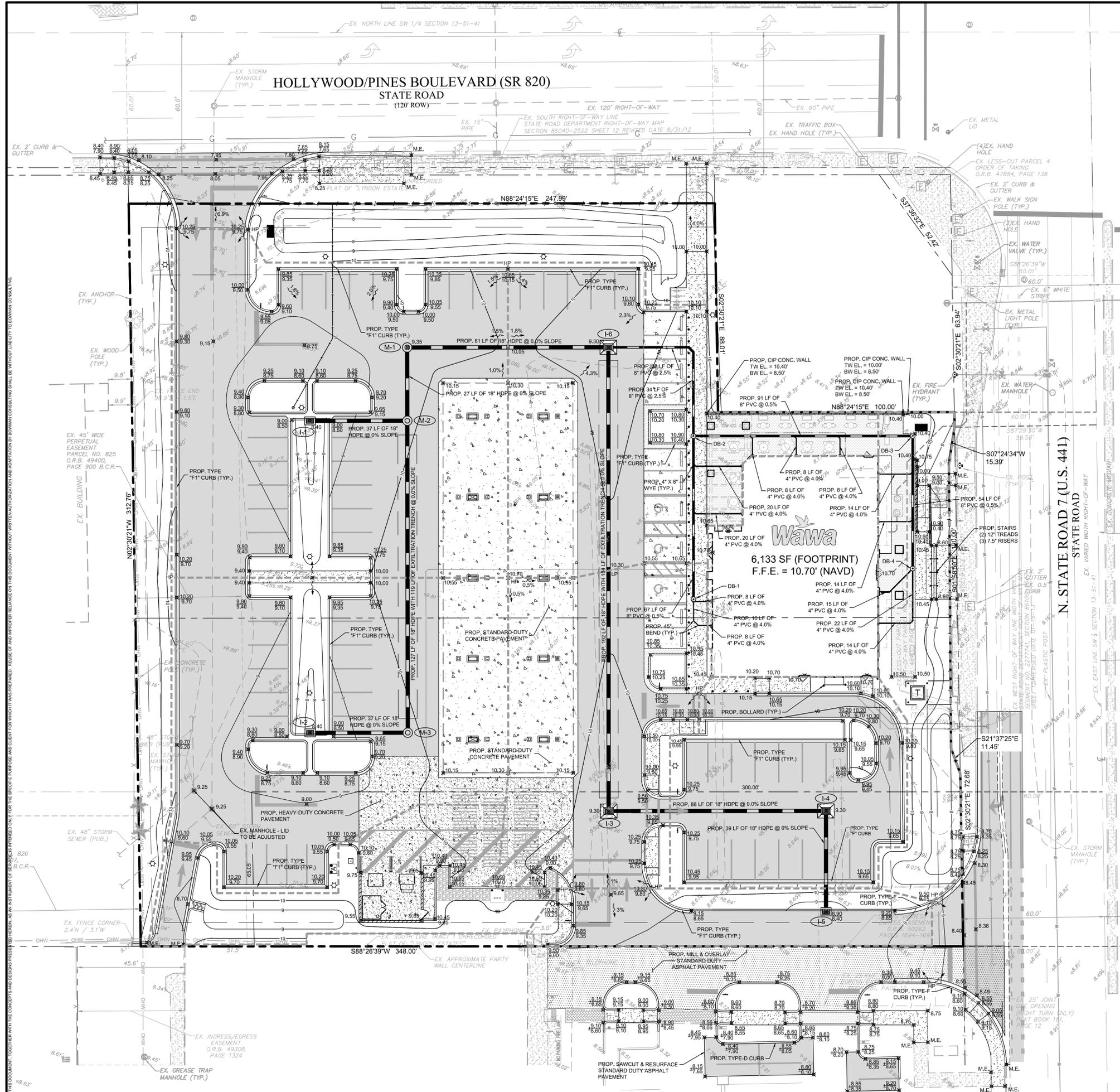


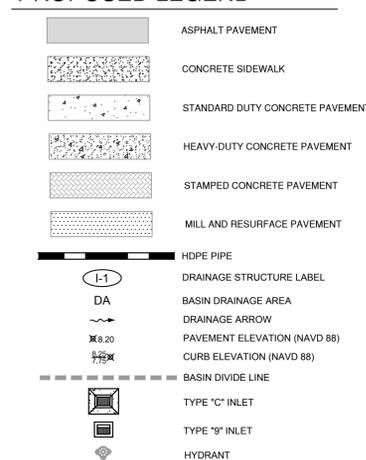
ATTACHMENT B
Land Use and Zoning Map



EXISTING LEGEND

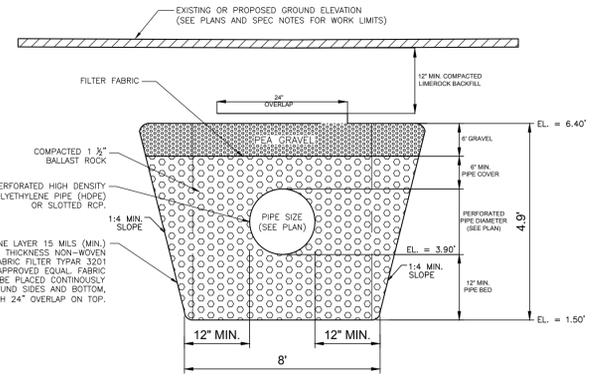


PROPOSED LEGEND



DRAINAGE STRUCTURE TABLE

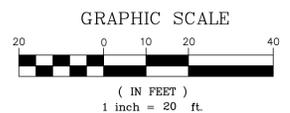
STRUCTURE #	TYPE	RM	N INVERT	E INVERT	S INVERT	W INVERT	NOTES
I-1	TYPE "C"	8.40		3.90			DA = 19,403 SF (0.44 AC)
I-2	TYPE "C"	8.40		3.90			DA = 16,124 SF (0.37 AC)
I-3	TYPE "C"	9.30	3.90	3.90			DA = 10,335 SF (0.24 AC)
I-4	TYPE "C"	9.30			3.90	3.90	DA = 8,285 SF (0.19 AC)
I-5	TYPE "C"	8.40	3.90				DA = 3,969 SF (0.09 AC)
I-6	TYPE "C"	9.30		6.65	3.90	3.90	DA = 12,254 SF (0.28 AC)
M-1	MANHOLE	9.35		3.90			
M-2	MANHOLE	9.85		3.90			
M-3	MANHOLE	9.85		3.90			
DB-1	NYLOPLAST DRAIN BASIN W/ SOLID COVER ASSEMBLY	10.65	8.65				
DB-2	NYLOPLAST DRAIN BASIN W/ SOLID COVER ASSEMBLY	10.40	8.30	8.30	8.30		
DB-3	NYLOPLAST DRAIN BASIN W/ SOLID COVER ASSEMBLY	10.40			8.77	8.77	
DB-4	NYLOPLAST DRAIN BASIN W/ SOLID COVER ASSEMBLY	10.50	9.05			9.05	9.05(SW)



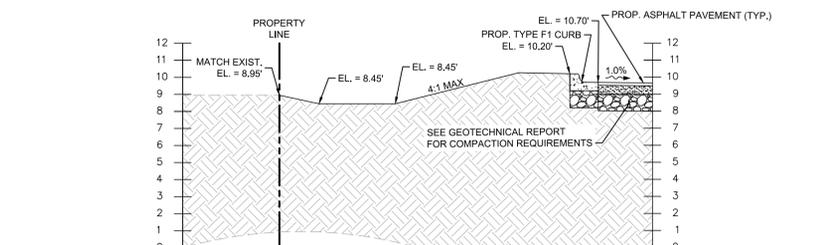
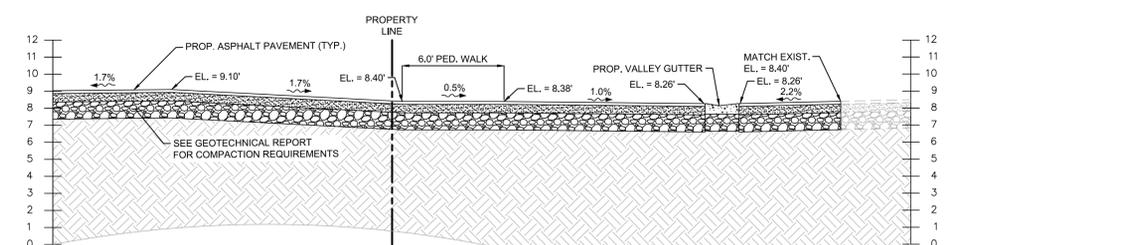
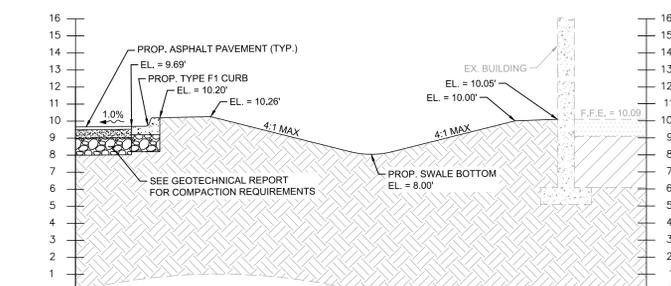
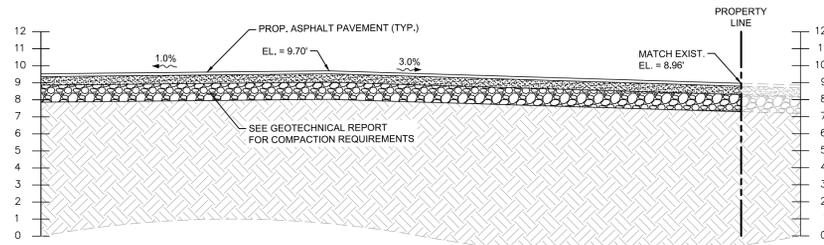
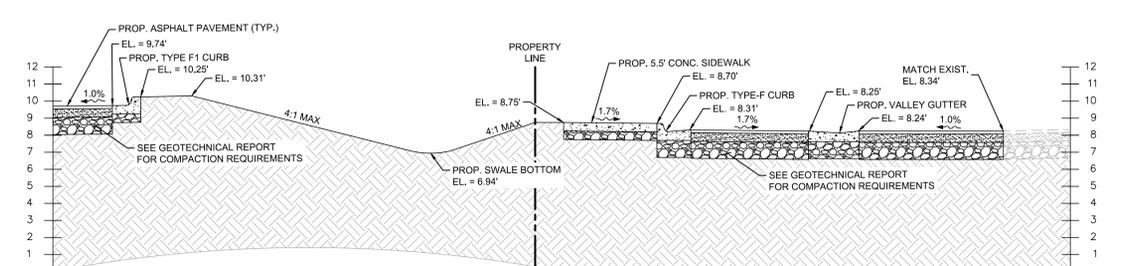
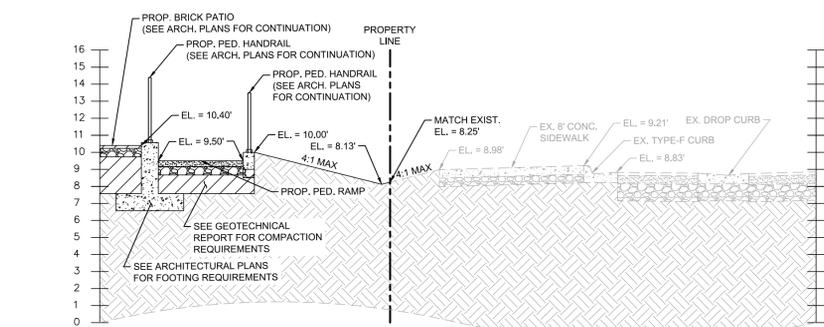
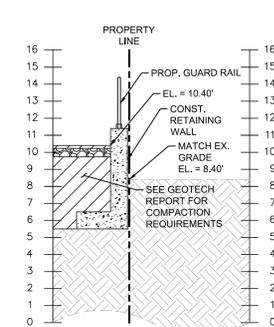
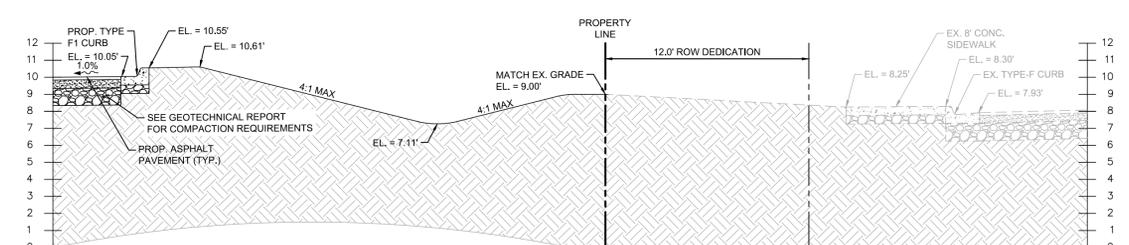
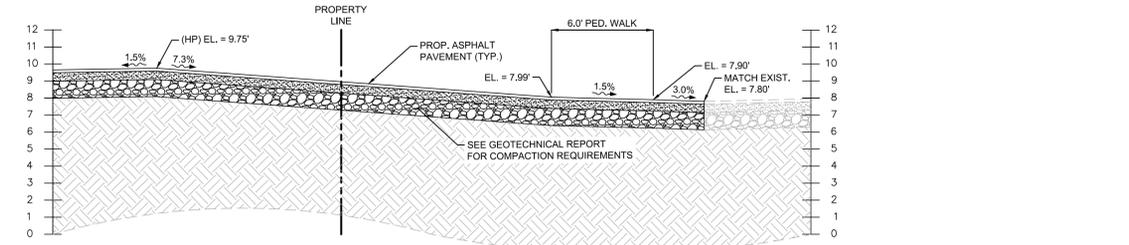
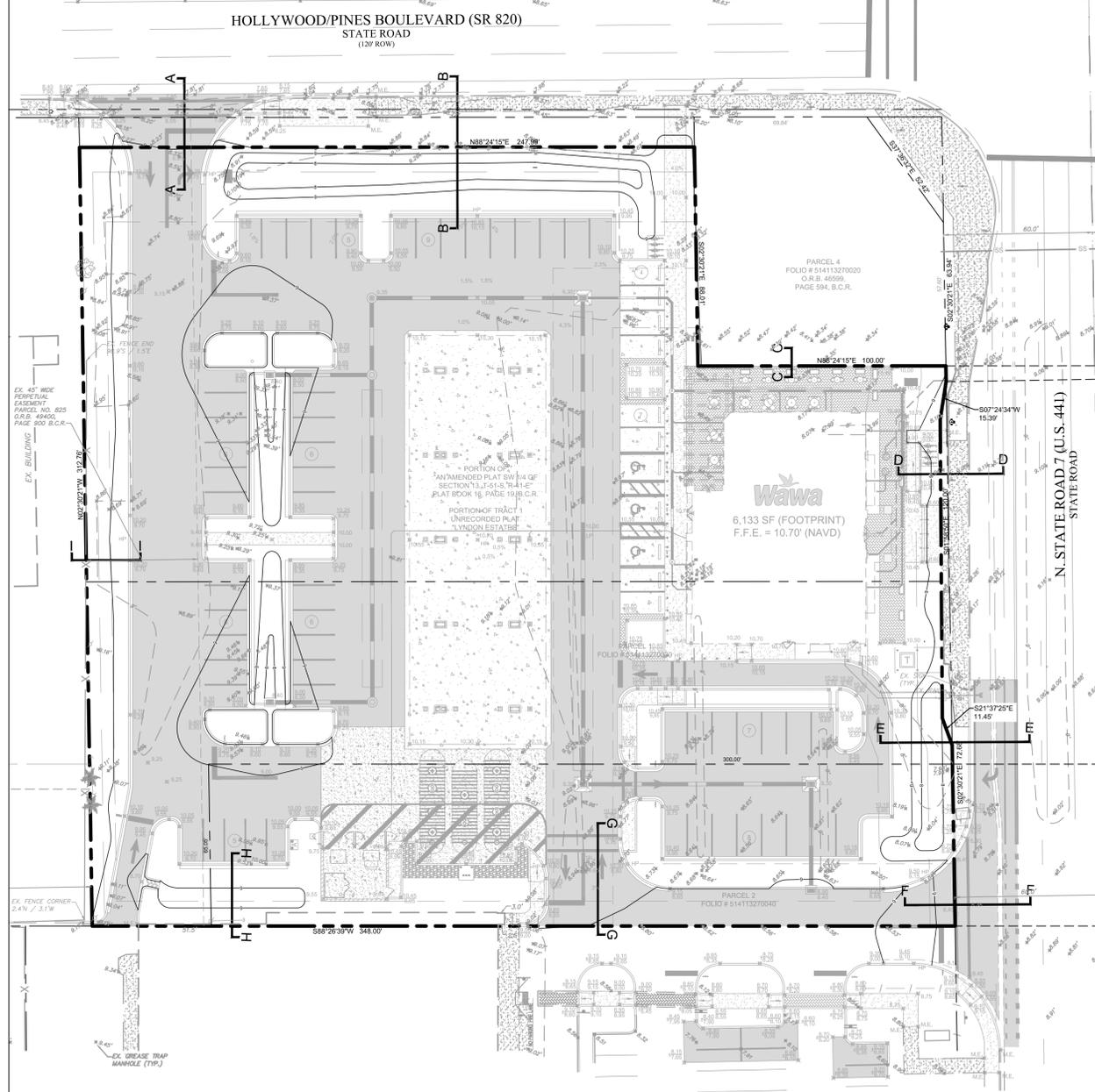
TRANSVERSE CROSS SECTION

- NOTES:
- CONTRACTOR MUST READ AND ABIDE THE CITY'S GENERAL CONSTRUCTION NOTES AND DRAINAGE DESIGN NOTES PRIOR TO STARTING CONSTRUCTION.
 - THE STANDARD CROSS SECTION SHALL BE CONSTRUCTED UNLESS OTHER SECTIONS ARE DESCRIBED OR DETAILED ON PLANS.
 - THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT CONTAMINATION OF THE TRENCH WITH SAND, SILT AND FOREIGN MATERIALS.
 - THE 12\"/>

EXFILTRATION TRENCH SYSTEM



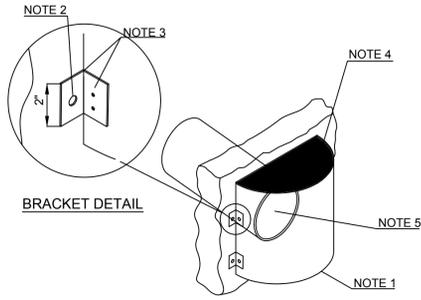
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05/15/11	FDOT UTILITY REVISION
07/09/11	TAC REVISION
08/29/11	TAC REVISION
10/21/11	FINAL TAC REVISION
DATE	DESCRIPTION
EL DESIGN	SU DRAWN
	JT CHKD
SCALE: 1" = 20'	
JOB No.: 010585-01-001	
DATE: 11/22/2019	
SHEET C-9	



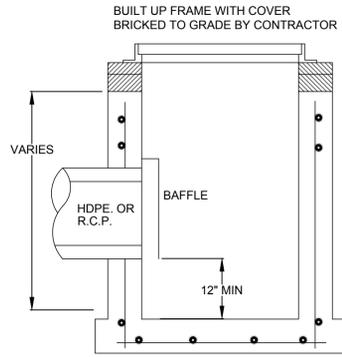
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05/15/19	FDOT UTILITY REVISION
07/09/19	TAC REVISION
08/29/19	TAC REVISION
10/21/19	FINAL TAC REVISION

EL DESIGN	SU DRAWN	JT CHKD

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BAFFLE DETAIL



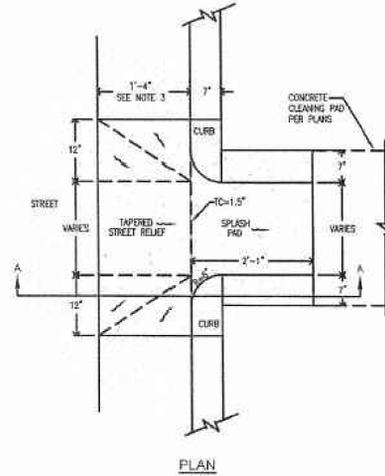
NOTES

- 1) MINIMAL CONC. STRENGTH FOR ALL CATCH BASINS AND MANHOLE STRUCTURES SHALL BE 4000 PSI.
- 2) CONTRACTOR IS RESPONSIBLE FOR FINAL ELEVATION AND LOCATION ADJUSTMENTS OF CATCH BASINS, GRATES, MANHOLES DUE TO FIELD CONSTRAINTS.
- 3) THE 12" WEEP HOLE SHALL NOT BE USED IF THE BOTTOM OF THE INLET OR MANHOLE IS BELOW THE NORMAL WATER TABLE, UNLESS OTHERWISE SHOWN ON PLANS.

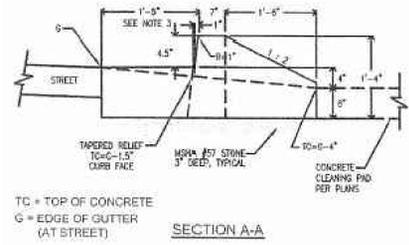
INLET BAFFLE DETAIL

SCALE: NONE

- NOTES
- 1) BAFFLE SHALL BE C.M.P. OR C.A.P. SECTION (OUTFALL DIAMETER PLUS 6").
 - 2) 1/2" GALV. WEDGE ANCHORS (ULT. PULLOUT 6000, ULT. SHEAR 5900.)
 - 3) WELD OR 2-3/8" THRU BOLTS
 - 4) BOLTED TO WALL WITH TOP CAPPED. (WATER TIGHT)
 - 5) CONSTRUCT CAP WITH 2" DIAMETER OUTLET



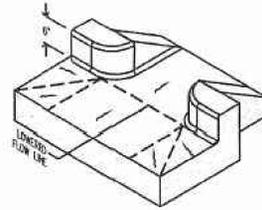
PLAN



SECTION A-A

CONCRETE INLET TYPE SW

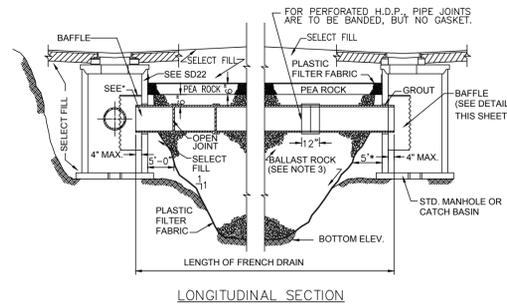
SCALE: NONE



ISOMETRIC

NOTES:

1. Concrete splash pad necessary where water enters and/or exits facility.
 2. For stormwater facilities, install washed pea gravel or river rock to transition from splash pad to topsoil.
 3. Reference standard MC-100.01.
- * Typically will use MSHA 640.02 sized for Q1 (upstream Cells) and Q2 (last cell with trash fence)



LONGITUDINAL SECTION

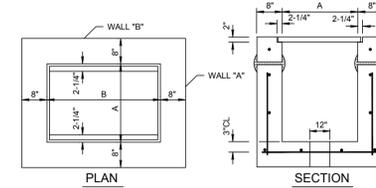
* NO SLOTS OR PERFORATIONS ON THIS LENGTH OF PIPE.

NOTES:

1. PLASTIC FILTER FABRIC (AT EA. SIDE) SHALL BE USED IN ALL AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
2. AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION, IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THESE DETAILS.
3. INVERT ELEVATION TO BE AS SHOWN IN DRAINAGE STRUCTURE SCHEDULE (SHEET C3) AVERAGE OCTOBER GROUND WATER LEVEL APPROXIMATELY 6" BELOW SURFACE.

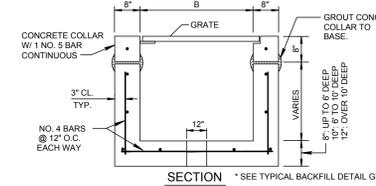
EXFILTRATION TRENCH DETAIL

SCALE: NONE



PLAN

SECTION



SECTION * SEE TYPICAL BACKFILL DETAIL GU 2.1

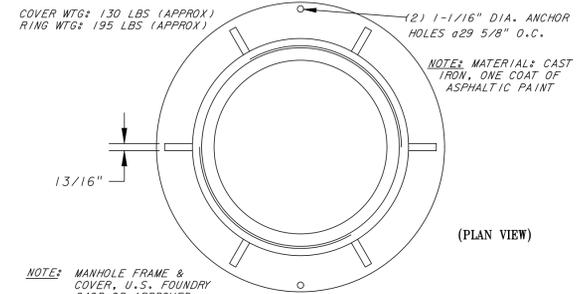
INLET TYPE	DIMENSIONS		GRATE TYPE	MAX. PIPE SIZE	
	A	B		WALL A	WALL B
C	2'-0"	3'-1"	U.S. FOUNDRY No. 6212	15" R.C.P.	24" R.C.P.

NOTES:

1. INLET TO BE PRECAST WITH CLASS 'A' 4000 P.S.I. CONCRETE.
2. ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
3. 12" DIA. WEEP HOLE REQUIRED ON ALL STRUCTURES WHICH HAVE A BOTTOM ELEVATION ABOVE THE WATER TABLE.
4. 18" SUMP REQUIRED IN ALL DRAINAGE STRUCTURES.
5. SEE BEDDING DETAIL.

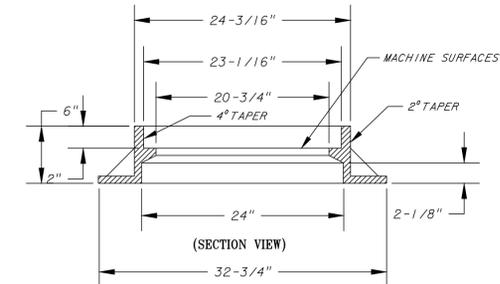
TYPE C INLET

SCALE: NONE



(PLAN VIEW)

NOTE: MANHOLE FRAME & COVER, U.S. FOUNDRY 240B OR APPROVED EQUAL.



(SECTION VIEW)

MANHOLE FRAME RING

SCALE: NONE

Bowman
CONSULTING

Certificate of Authorization License No. 30462

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Suite 320
Sunrise, FL 33323
Phone: (954) 814-8480
www.bowmanconsulting.com
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PAVING, GRADING, AND DRAINAGE DETAILS

WAWA

106 SOUTH STATE ROAD 7

BROWARD COUNTY, FLORIDA

Wawa

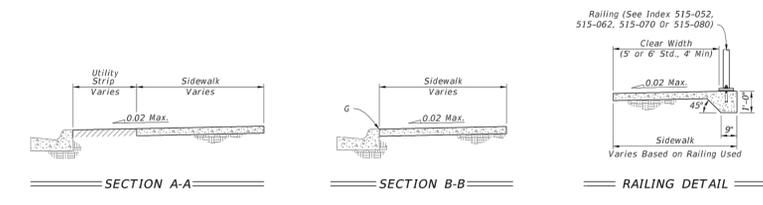
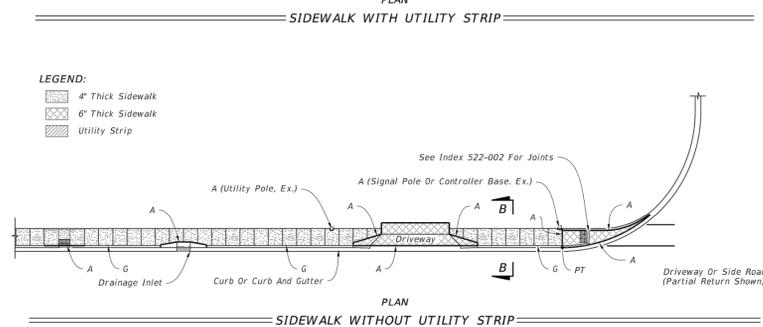
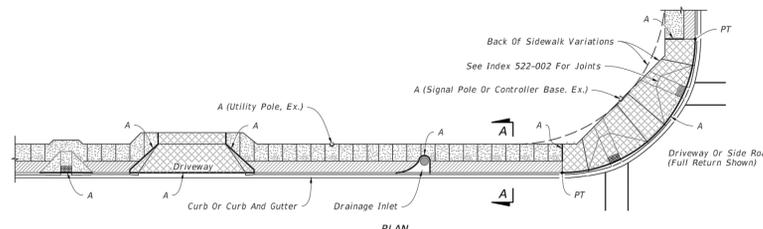
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05/15/10	FDOT UTILITY REVISION
07/09/10	TAC REVISION
08/29/10	TAC REVISION
10/21/10	FINAL TAC REVISION
DATE	DESCRIPTION
EL DESIGN	SU DRAWN
	JT CHKD

SCALE:
JOB No.: 010585-01-001
DATE: 11/22/2019

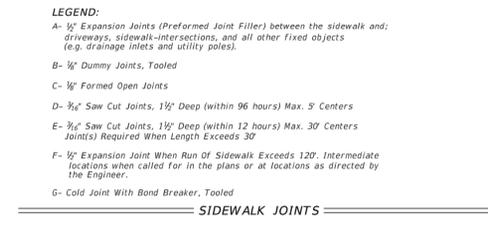
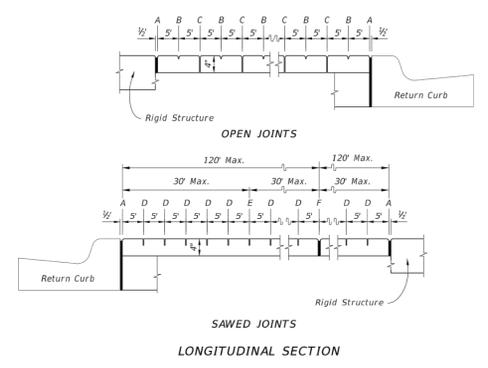
SHEET C-10.0

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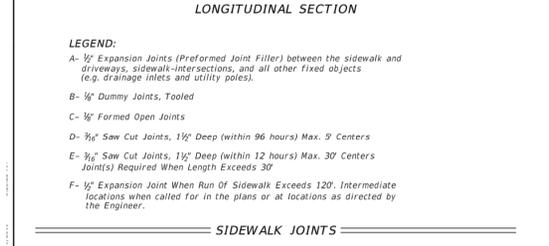
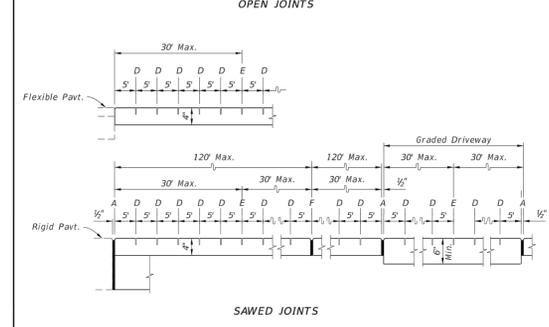
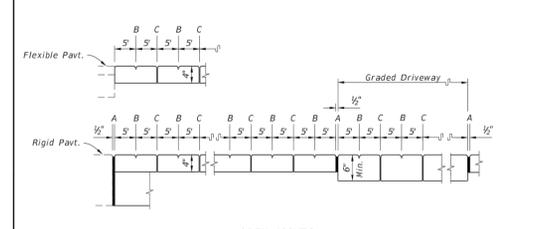
- GENERAL NOTES:**
- Construct sidewalks in accordance with Specification 522. Use 6" concrete for Sidewalks and Curb Ramps Located within Curb Returns (See Plan View). Install all other concrete with thickness as shown, unless otherwise detailed in the Plans.
 - Include detectable warnings on sidewalk curb ramps in accordance with Index 522-002.
 - For Driveways see Index 522-003.
 - Bond breaker material can be any impermeable coated or sheet membrane or preformed material having a thickness of not less than 6 mils and not more than 1/8".
 - Construct sidewalks with Edge Beam through the limits of any surface mounted Pedestrian/Bicycle Railing or Pipe Guiderail shown in the plans. (See RAILING DETAIL)



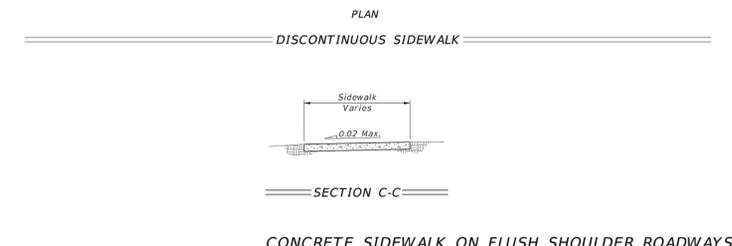
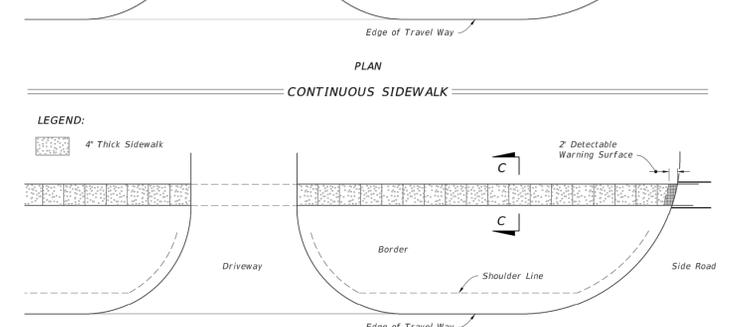
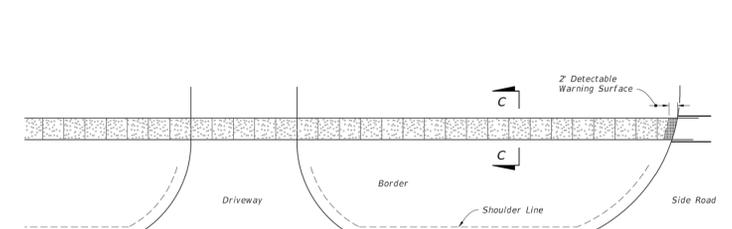
GENERAL NOTES AND CONCRETE SIDEWALK ON CURBED ROADWAYS



LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	CONCRETE SIDEWALK	INDEX	SHEET
11/01/18			STANDARD PLANS		522-001	1 of 2



LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	CONCRETE SIDEWALK	INDEX	SHEET
11/01/18			STANDARD PLANS		522-001	2 of 2



LAST REVISION	DESCRIPTION:	FDOT	FY 2019-20	CONCRETE SIDEWALK	INDEX	SHEET
11/01/18			STANDARD PLANS		522-001	2 of 2

1099CGC
APPROX WEIGHT = 6.42 LBS

Ø 10.31
10" SOLID COVER
10" INLINE DRAIN OR 10" DRAIN BASIN BODY TOP

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NYLOPLAST 10" DRAIN BASIN: 2810AG __ X

(1) DUCTILE IRON GRATE
CONCRETE WALKWAY OR DECK
THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS 1, CLASS II OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.
WATERTIGHT JOINT (CORRUGATED HDPE SHOWN)
VARIABLE SUMP DEPTH ACCORDING TO PLANS (6" MIN. BASED ON MANUFACTURING REQ.)
4" MIN

(4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
4" - 10" FOR CORRUGATED HDPE (ADS N-12) HANCOR DUAL WALL, ADS HANCOR SINGLE WALL, PVC SEWER (EX. SDR 35), PVC DWV (EX. SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC

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Section 2721
Engineered Surface Drainage Products

GENERAL
PVC surface drainage inlets shall include the drain basin type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast a division of Advanced Drainage Systems, Inc., or prior approved equal.

MATERIALS
The drain basins required for this contract shall be manufactured from PVC pipe stock, utilizing a thermoforming process to reform the pipe stock to the specified configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM F477. The pipe bell spigot shall be joined to the main body of the drain basin or catch basin. The raw material used to manufacture the pipe stock that is used to manufacture the main body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

The grates and frames furnished for all surface drainage inlets shall be ductile iron for structure sizes 8", 10", 12", 15", 18", 24", 30" and 36" and shall be made specifically for each basin so as to provide a round bottom flange that closely matches the diameter of the surface drainage inlet. Grates for drain basins shall be capable of supporting various wheel loads as specified by Nyloplast 12" and 15" square grates will be hinged to the frame using pins. Ductile iron used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05. Grates and covers shall be provided painted black.

INSTALLATION
The specified PVC surface drainage inlet shall be installed using conventional flexible pipe backfill materials and procedures. The backfill material shall be crushed stone or other granular material meeting the requirements of class 1, class 2, or class 3 material as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. The drain basin body will be cut at the time of the final grade. No brick, stone or concrete block will be required to set the grate to the final grade height. For load rated installations, a concrete slab shall be poured under and around the grate and frame. The concrete slab must be designed taking into consideration local soil conditions, traffic loading, and other applicable design factors. For other installation considerations such as migration of fines, ground water, and soft foundations refer to ASTM D2321 guidelines.

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PLAN STATUS	03/18/10	PRE-TAC SUBMITTAL
	05/15/19	FDOT UTILITY REVISION
	07/09/19	TAC REVISION
	08/29/19	TAC REVISION
	10/21/19	FINAL TAC REVISION
DATE		DESCRIPTION
EL DESIGN	SU DRAWN	JT CHKD
SCALE:		
JOB No.:	010585-01-001	
DATE:	11/22/2019	

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HOLLYWOOD/PINES BOULEVARD (SR 820)
STATE ROAD
(120' ROW)

CONFLICTS

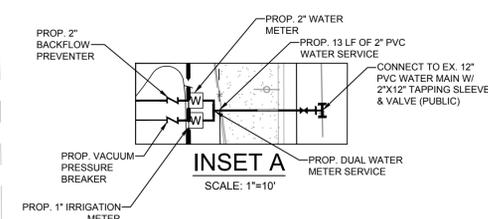
- CONFLICT 1: STORM TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 2: STORM TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 3: STORM TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 4: STORM TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 5: STORM TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 6: WATER TO PASS OVER SANITARY SEWER MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 7: WATER TO PASS OVER STORM MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'
- CONFLICT 8: WATER TO PASS OVER STORM MINIMUM CLEARANCE = 0.5' PREFERRED CLEARANCE = 1.0'

EXISTING LEGEND

- PROPERTY LINE
- INTERIOR/ADJACENT PROPERTY LINE
- CONCRETE SIDEWALK
- R-O-W CENTERLINE
- EXISTING BUILDING
- TYPE-D CURB
- INGRESS/EGRESS EASEMENT
- PERPETUAL EASEMENT
- NON-VEHICULAR ACCESS LINE
- CHAIN LINK FENCE
- SANITARY SEWER MAIN
- STORM SEWER
- NATURAL GAS
- ELECTRIC LINE
- OVERHEAD-WIRE LINE
- TELEPHONE LINE
- SIGN
- SPOT ELEVATION
- POWER POLE
- WOOD POWER POLE
- ELECTRICAL HAND HOLE
- PEDESTRIAN SIGN
- STORM MANHOLE
- CLEAN OUT
- CATCH BASIN
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- GREASE TRAP MANHOLE

PROPOSED LEGEND

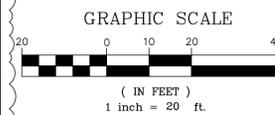
- PROPERTY LINE
- SIDEWALK PAVERS
- HEAVY DUTY CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- TYPE "F" CURB & GUTTER
- TYPE "D" CURB
- BUILDING SETBACK LINE
- LANDSCAPE BUFFER LINE
- ELECTRIC TRANSFORMER W/ BOLLARDS



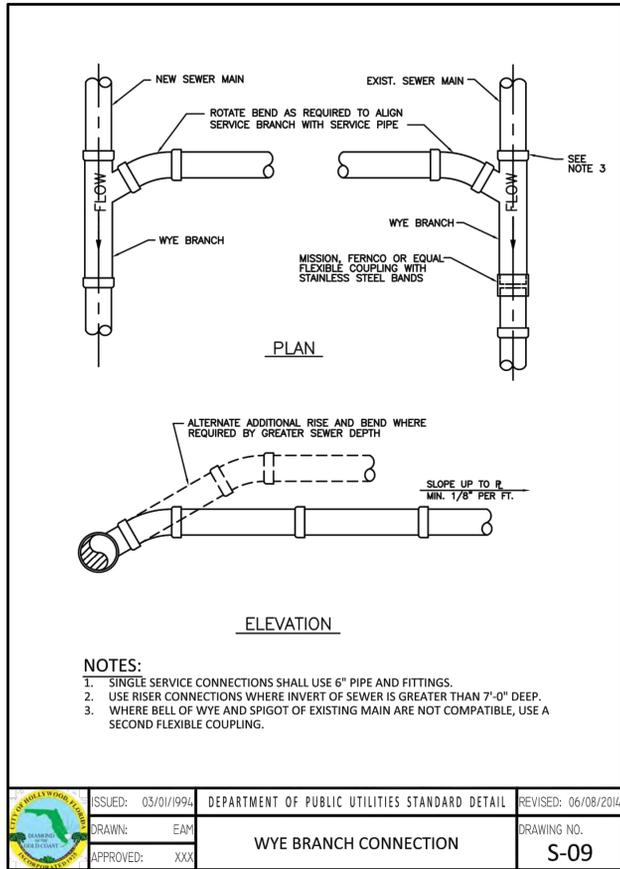
GENERAL UTILITY NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IS RESPONSIBLE TO REPAIR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.
- ALL UTILITIES ARE SHOWN FROM INFORMATION GATHERED AND SHOULD NOT BE USED AS EXACT. CONTRACTOR SHALL VERIFY EXACT DEPTHS AND LOCATIONS PRIOR TO UTILITY INSTALLATION.
- CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION REQUIREMENTS.
- ALL PIPE MATERIALS SHALL COMPLY WITH LOCAL REGULATIONS AND STANDARDS.
- ALL TRENCHING AND BEDDING SHALL BE PER THE UTILITY TRENCH AND BEDDING DETAIL.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING UTILITY TIE INS.
- THE CONTRACTOR IS TO FIELD VERIFY THE EXACT LOCATIONS AND DEPTHS OF UTILITY LINES. THE CITY OF FORT LAUDERDALE ENGINEERING DEPARTMENT ASSUMES NO RESPONSIBILITY FOR ANY POTENTIAL CONFLICTS.
- ANY WATER AND/OR SEWER CONNECTIONS MUST BE COORDINATED AND SUPERVISED BY UTILITY DISTRICT PERSONNEL. PLEASE GIVE 72 HOURS NOTICE FOR CONNECTIONS.
- ALL UTILITIES WITHIN FOOT RIGHT-OF-WAY (STATE ROAD 7) SHALL HAVE A MINIMUM VERTICAL CLEARANCE BELOW TOP OF PAVEMENT OF 36".
- PROP. FUTURE ELECTRIC VEHICLE CHARGING STATION SUBJECT TO APPROVAL BY ELECTRIC CHARGING VENDOR.

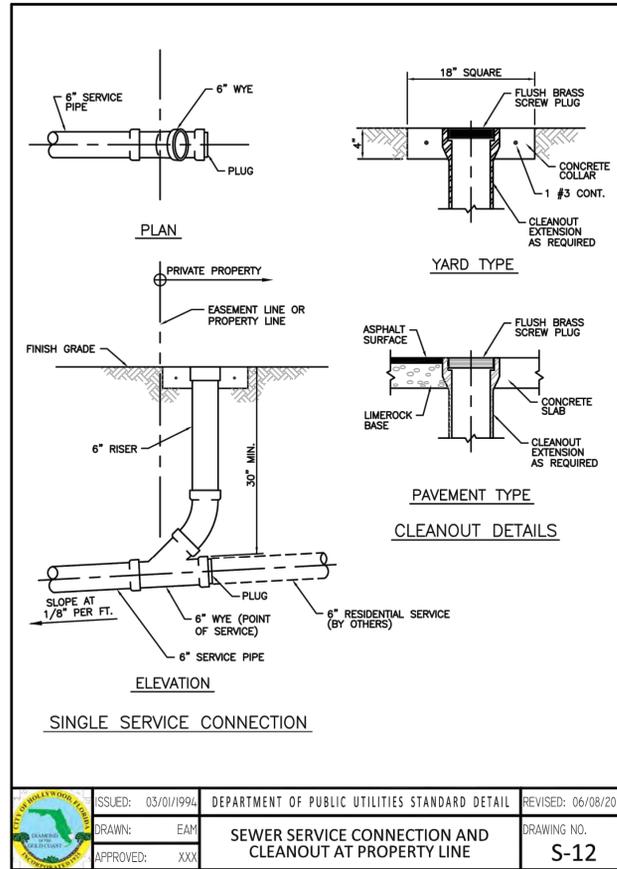
SERVICE FLOW CALCULATION		
CONVENIENCE STORE SF		
ESTIMATED WATER FLOW	RATE	UNIT(GPD)
C05 - GAS STATION(FUEL ONLY)	70 GPD/PUMP	1400
C02 - MERCHANDISING	37 GPD/ 1,000 SF	227
TOTAL ESTIMATED WATER FLOW (GPD) 1627		
ESTIMATED WASTEWATER FLOW		
ESTIMATED WASTEWATER FLOW	RATE	UNIT(GPD)
C05 - GAS STATION(FUEL ONLY)	57 GPD/PUMP	1140
C02 - MERCHANDISING	30 GPD/ 1,000 SF	184
TOTAL ESTIMATED WASTEWATER FLOW (GPD) 1324		



THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BOWMAN CONSULTING SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTING.



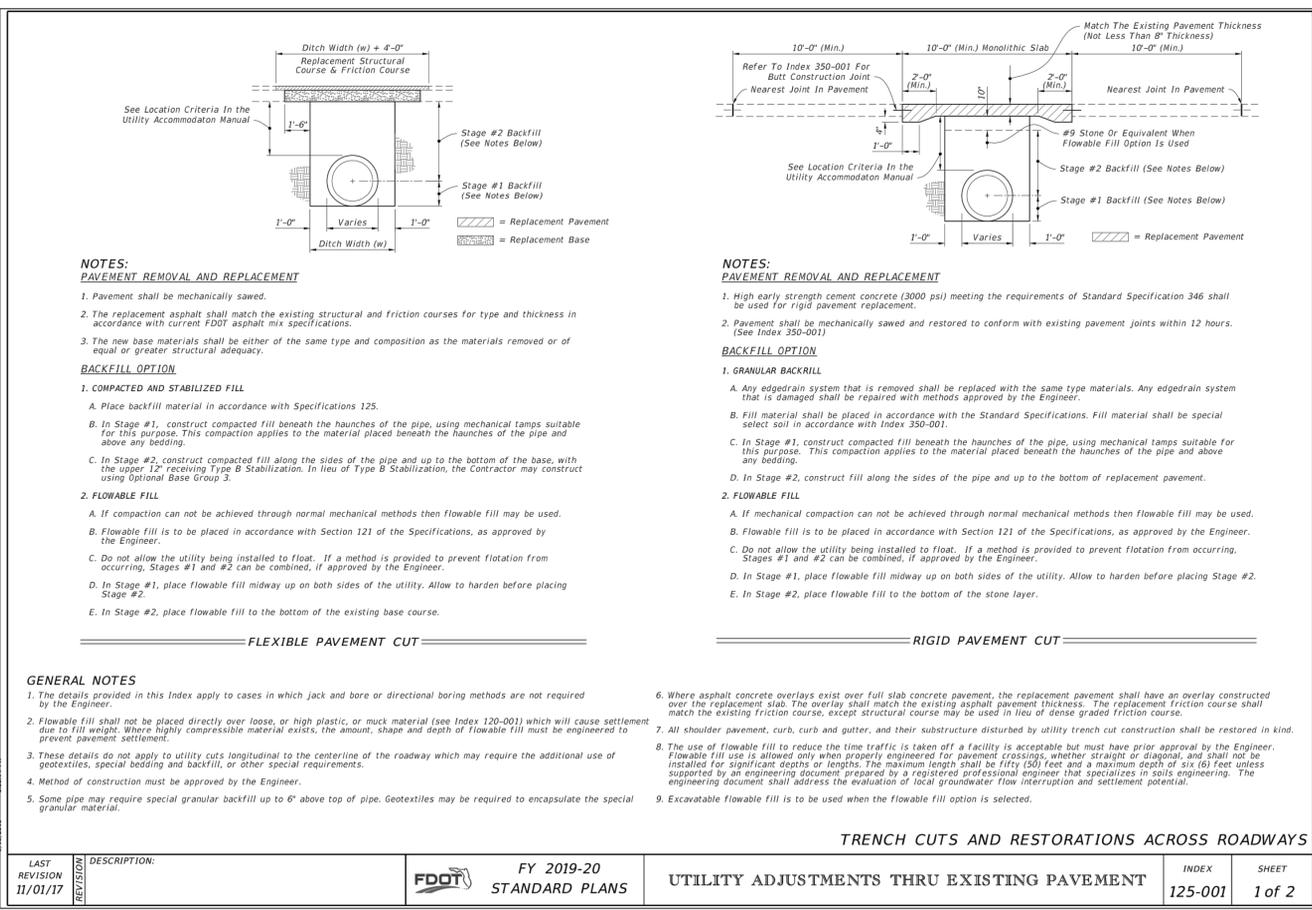
ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	WYE BRANCH CONNECTION	DRAWING NO. S-09
APPROVED: XXX		



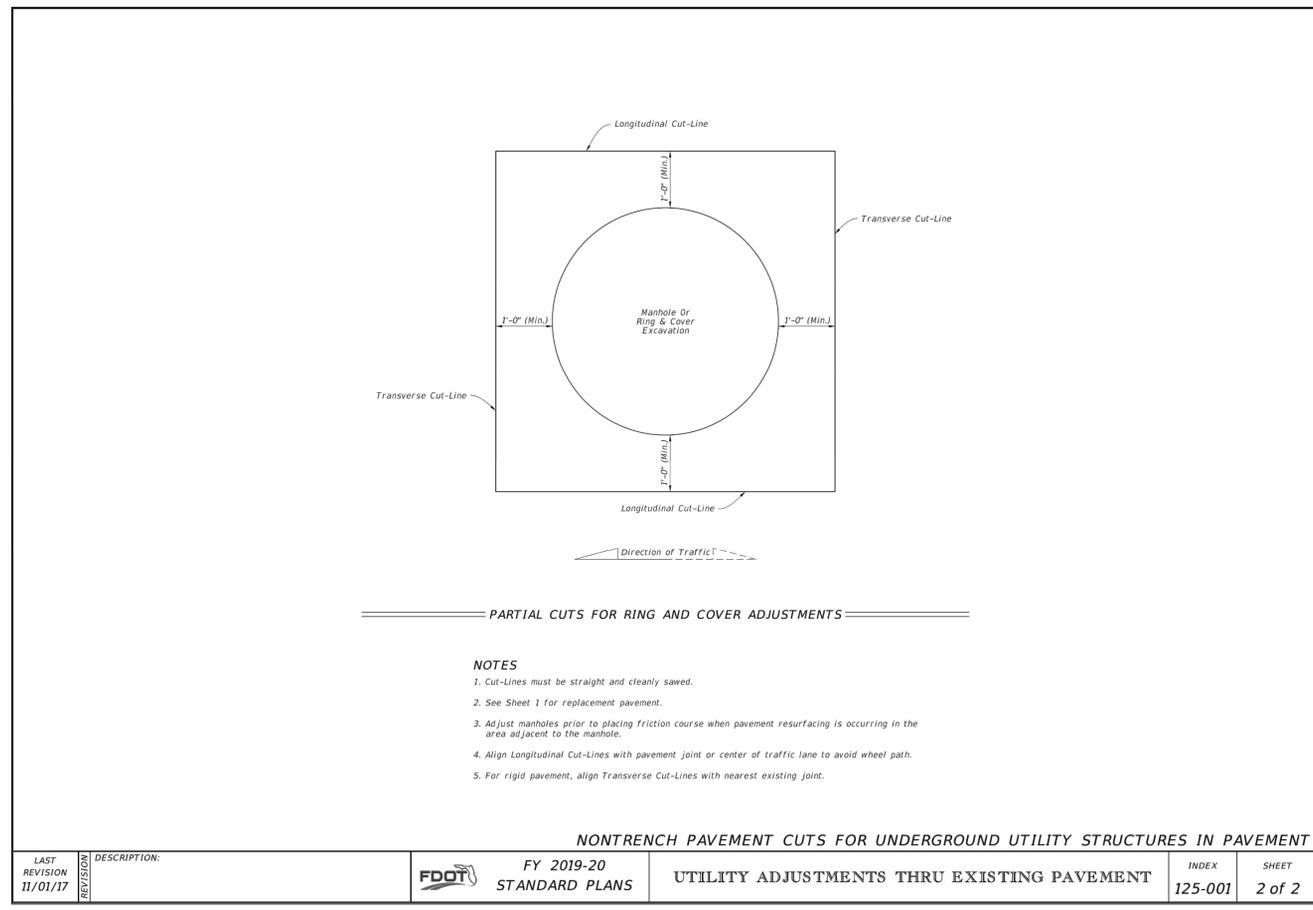
ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	SEWER SERVICE CONNECTION AND CLEANOUT AT PROPERTY LINE	DRAWING NO. S-12
APPROVED: XXX		

WATER MAIN SEPARATION IN ACCORDANCE WITH F.A.C. RULE 62-555.314		JOINT SPACING @ CROSSING (FULL JOINT CENTERED) (8)	CROSSING (1), (4)	HORIZONTAL SEPARATION	OTHER PIPE
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (2)	WATER MAIN	Alternate 3 ft minimum	2 inches to the minimum and 6 inches to the maximum and 2 inches is preferred	3 ft minimum	10 ft minimum
GRAVITY SANITARY SEWER (3)	WATER MAIN	Alternate 6 ft minimum	2 inches to the minimum and 6 inches to the maximum and 2 inches is preferred	6 ft minimum	10 ft minimum
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	WATER MAIN	Alternate 6 ft minimum	2 inches to the minimum and 6 inches to the maximum and 2 inches is preferred	6 ft minimum	10 ft minimum

ISSUED: 03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/2014
DRAWN: EAM	SEPARATION REQUIREMENTS OF F.D.E.P. / F.D.N.R.P.	DRAWING NO. G-01.1
APPROVED: XXX		



LAST REVISION 11/01/17	DESCRIPTION:	FY 2019-20 STANDARD PLANS	UTILITY ADJUSTMENTS THRU EXISTING PAVEMENT	INDEX 125-001	SHEET 1 of 2
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LAST REVISION 11/01/17	DESCRIPTION:	FY 2019-20 STANDARD PLANS	UTILITY ADJUSTMENTS THRU EXISTING PAVEMENT	INDEX 125-001	SHEET 2 of 2
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 www.bowmanconsulting.com
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UTILITY DETAILS
WAWA
 106 SOUTH STATE ROAD 7
 BROWARD COUNTY, FLORIDA

Wawa

PLAN STATUS	
03/18/19	PRE-TAC SUBMITTAL
05/15/19	FDOT UTILITY REVISION
07/09/19	TAC REVISION
08/29/19	TAC REVISION
10/21/19	FINAL TAC REVISION
DATE	DESCRIPTION
EL DESIGN	SU
DRAWN	JT
CHKD	

SCALE: 1" = 20'
 JOB No.: 010585-01-001
 DATE: 11/22/2019

SHEET **C-12.1**

THIS DOCUMENT TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, IS INTENDED ONLY AS A GUIDE FOR INFORMATIONAL PURPOSES AND SHOULD NOT BE USED AS A SUBSTITUTE FOR PROFESSIONAL ENGINEERING SERVICES. THE USER OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION FROM BOWMAN CONSULTING GROUP, LTD. ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE USE OF THIS DOCUMENT.

HOLLYWOOD/PINES BOULEVARD (SR 820)
STATE ROAD
(120' ROW)

COMMERCIAL DISTRICT C-1 THROUGH C-5
GENERAL LANDSCAPING REQUIREMENTS:



PERIMETER LANDSCAPE:
One street tree (min. 12' ht.) per 50 L.F. of street frontage. 5'-0" wide landscape buffer with one tree per 20 L.F. of required buffer area.

N. SR 7:

204 L.F. /	50 L.F.	=	4 street trees required 4 street trees provided
	20 L.F.	=	10 buffer trees required 10 buffer trees provided
248 L.F. /	50 L.F.	=	5 street trees required 5 street trees provided
	20 L.F.	=	12 buffer trees required 12 buffer trees provided

WEST PROPERTY LINE:

312 L.F. /	20 L.F.	=	16 buffer trees required 16 buffer trees provided
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INTERIOR LANDSCAPE FOR VEHICULAR USE AREA:

Each island shall contain a minimum of 190 s.f. of pervious area and shall measure the same length as the adjacent parking stall. Each island shall contain at least one tree. A minimum of 25% of the total s.f. of paved Vehicular Use Area shall be landscaped.

44,112 S.F. VUA X	25%	=	11,028 S.F. landscaping required 29,389 S.F. landscaping provided
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PERVIOUS AREA LANDSCAPE:

All pervious areas must be landscaped with grass, ground cover, and/or shrubbery. Minimum of one tree per 1,000 s.f. of pervious area of property.

35,052 S.F. Pervious Area / 1,000 S.F.	=	35 trees required 35 trees provided
--	---	--

PLANT SPECIES DIVERSITY:

Minimum number of trees required	=	82
Minimum number of trees provided	=	82
Minimum number of tree species required	=	5
Minimum number of tree species provided	=	5

NATIVE PLANT REQUIREMENTS:

A minimum of 60% of required trees and 50% of required shrubs must be native species. (Trees defined as those species historically originating in Broward County and published in the latest issue of the Association of Florida Native Nurseries Plant and Service Locator).

Minimum number of native trees required	=	75 (60%)
Minimum number of native trees provided	=	75 (60%)
Minimum number of native shrubs required	=	780 (50%)
Minimum number of native shrubs provided	=	1,154 (74%)

TREE MITIGATION REQUIREMENTS:

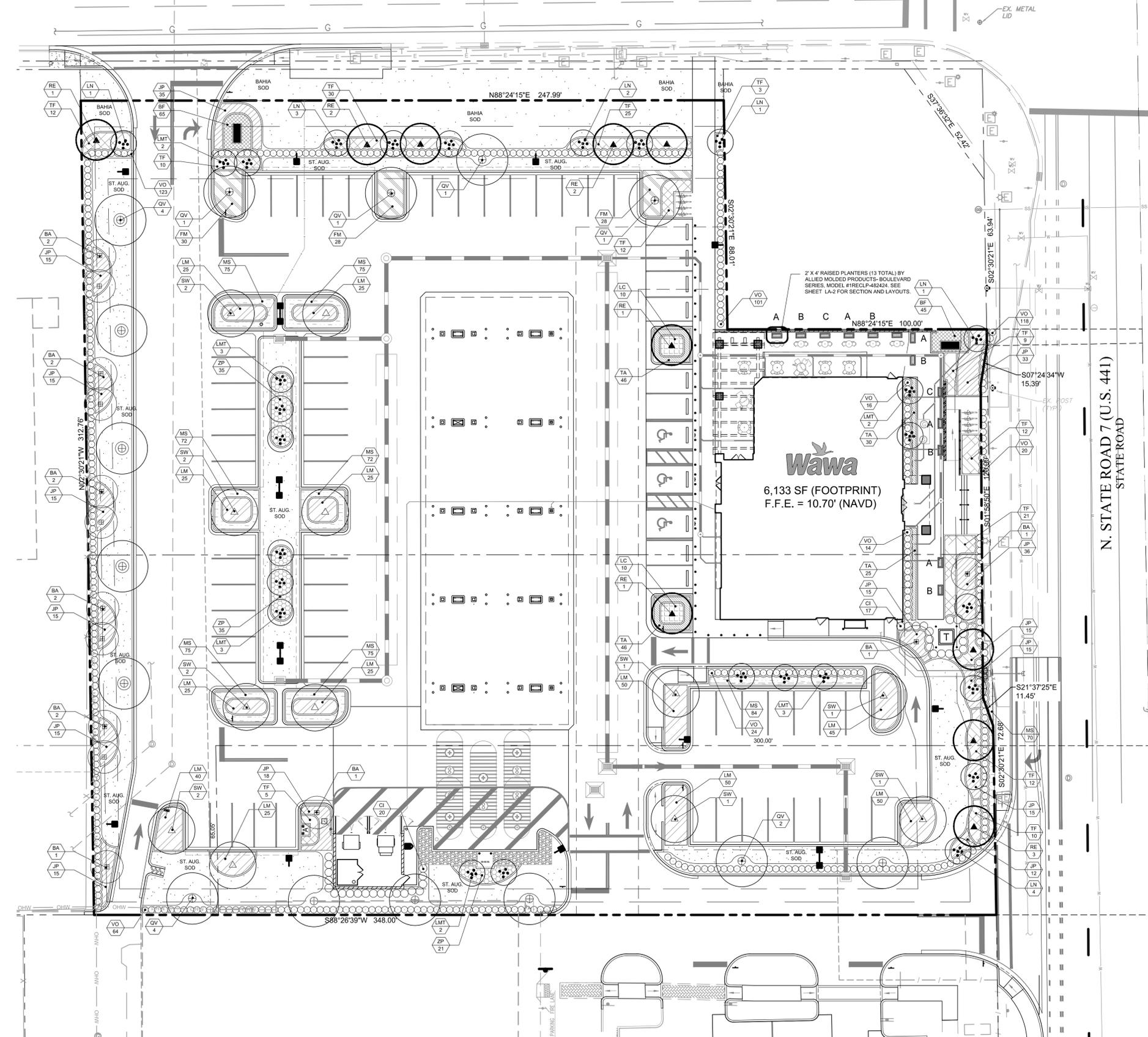
\$350 or 1 replacement tree (min. 12' ht. & 2" DBH) for every 2" DBH of existing tree to be removed.	
6" DBH tree to be removed	= \$1,050 or 3 replacement trees required 3 replacement trees (Crape Myrtles) provided

PALM MITIGATION REQUIREMENTS:

\$350 or 1:1 replacement (min. 8' clear trunk ht.) for each existing palm tree to be removed.	
2 Sabal Palms to be removed	= \$700 or 2 replacement palms required \$700 contribution to Tree Bank Fund provided

LANDSCAPE PLANT MATERIALS

QTY	SYMBOL	BOTANICAL/COMMON NAME	TOLERANT	NATIVE	SPECIFICATIONS
12	BA	BULNESIA ARBOREA/ VERAWOOD	YES	YES	FIELDGROWN, 2" DBH, 12' HT. X 4" SPD., 5' CT. HT
12	LN	LAGERSTROEMIA INDICA/ 'NATCHEZ' WHITE CRAPE MYRTLE	YES	NO	FIELDGROWN, 2" DBH TOTAL, 12' HT. X 3" SPD., STANDARD
15	LMT	LAGERSTROEMIA INDICA/ 'MUSKOGEE' LAVENDER CRAPE MYRTLE	YES	NO	FIELDGROWN, 2" DBH TOTAL, 12' HT. X 3" SPD., STANDARD
10	RE	ROYSTONIA ELATA/ FLORIDA ROYAL PALM	NO	NO	12-14" CLEAR TRUNK HT. SEE PLAN FOR HTS.
14	QV	QUERCUS VIRGINIANA SDLN pp 12015/ 'CATHEDRAL' OAK	YES	YES	FIELDGROWN, 3" DBH, 14'-16" HT. X 6-7" SPD. MIN
12	SW	SWIETENIA MAHOGONI/ WEST INDIAN MAHOGANY	YES	YES	FIELDGROWN, 3" DBH, 14'-16" HT. X 6-7" SPD. MIN.
SHRUBS/ GROUNDCOVERS					
110	BF	BULBINE FLAVASCENS/ YELLOW BULBINE	YES	NO	1 GAL., MIN. 14" HT. X 14" SPD., FULL, 18" O.C.
20	CI	CHRYSOBALANUS ICAGO/ 'RED TIP'/ RED TIP COCCOPLUM	YES	YES	7 GAL., MIN. 36" HT. X 24" SPD., FULL, 30" O.C.
126	FM	FICUS MICROCARPA/ GREEN ISLAND FICUS	NO	YES	3 GAL., MIN. 18" HT. X 18" SPD., FULL, 30" O.C.
206	JP	JUNIPERUS PARSONII/ PARSON'S JUNIPER	YES	NO	3 GAL., MIN. 15" SPD., FULL, 30" O.C.
20	LC	LOROPETALUM CHINENSIS/ RUBY RED LOROPETALUM			7 GAL., MIN. 30" HT. X 18" SPD., 30" O.C
410	LM	LIRIOPE MUSCARI/ 'BIG BLUE' LIRIOPE	NO	NO	1 GAL., MIN. 12" SPD., FULL, 24" O.C.
528	MS	MIMOSA STRIGILLOSA/ SUNSHINE MIMOSA	YES	YES	1 GAL., MIN. 12" SPD., FULL, 18" O.C.
150	TF	TRIPSACUM FLORIDANUM/ DWARF FAKAHATCHEE GRASS	YES	YES	3 GAL., MIN. 24" HT. X 27" SPD., FULL, 36" O.C
147	TA	TRACHELOSPERMIUM ASIATICUM/ DWARF ASIAN JASMINE	YES	NO	1 GAL., FULL, 12" SPD., FULL, 18" O.C.
460	VO	VIBURNUM OBOVATUM/ SELECTY WALTER'S VIBURNUM	YES	YES	7 GAL., 30" HT. X 18" SPD., FULL, 30" O.C.
70	ZP	ZAMIA PUMILA/ COONTIE FERN	YES	YES	3 GAL., MIN. 15" HT. X 15" SPD., FULL, 30" O.C
ANNUALS/ PERENNIALS					
		SEASONAL VARIETIES- SEE PLANTER LAYOUTS A, B, & C SHEET LA-2			1 GAL., FULL, SPACING AS SHOWN
SOD/ MULCH					
S.F.	SOD	PASPALLUM NOTATUM/ ARGENTINE BAHIA GRASS			S.F. DETERMINED BY CONTRACTOR- SEE PLAN FOR LOCATIONS
S.F.	SOD	ZOYSIA JAPONICA/ 'EMPIRE' ZOYSIA GRASS			S.F. DETERMINED BY CONTRACTOR- SEE PLAN FOR LOCATIONS
CY.	MULCH	DOUBLE- GROUND MELALEUCA MULCH; COCCA BROWN COLOR			3" THICK IN ALL PLANTING AREAS



ALPHA PACIFICA LLC
LANDSCAPE ARCHITECTURE + PLANNING
405 E. ROYAL PALM STREET, SUITE 240, OAKLAND, FLORIDA 32067
904.734.8888 OFFICE
ALPHA@ALPHAPACIFICA.COM



SCALE'S NOTED
DESIGNED BY GR
DRAWN BY BW
CHECKED BY GR

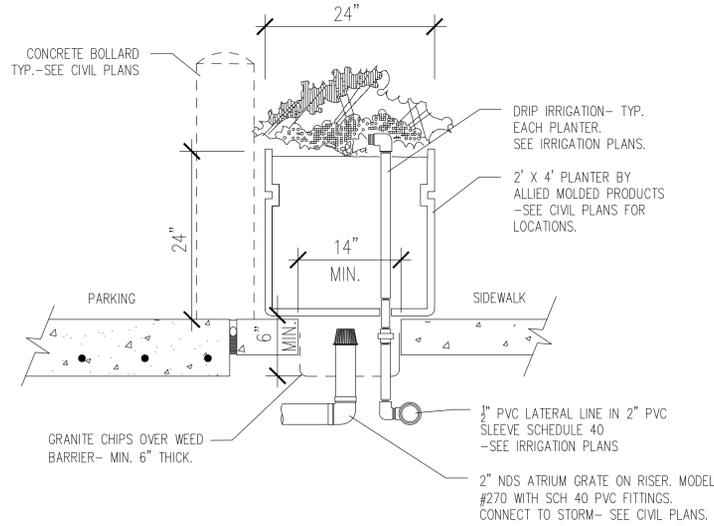
LANDSCAPE PLAN

Wawa
HOLLYWOOD BLVD. & N. SR 7
HOLLYWOOD FLORIDA

DATE
11/05/19
PROJECT NO.
SHEET NUMBER
LA-1

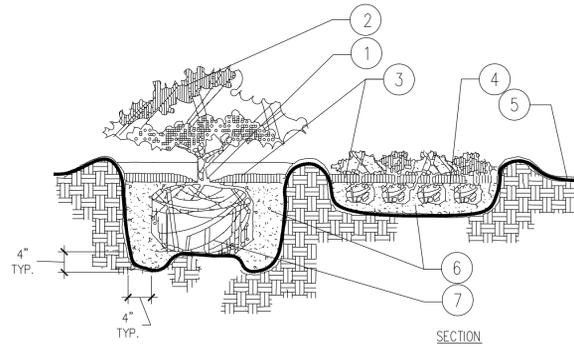
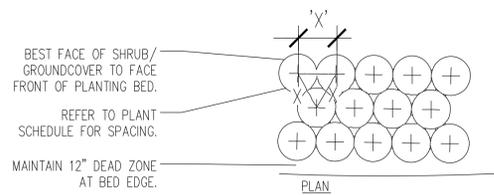


PLANTER SPECIFICATIONS:
 24" X 48": ALLIED MOLDED PRODUCTS LLC -
 BOULEVARD #IRECLP-482424. Color: Benjamin
 Moor #OC-1 Natural Wicker



1 LANDSCAPE PLANTER SECTION

SCALE: 1/2" = 1'- 0"

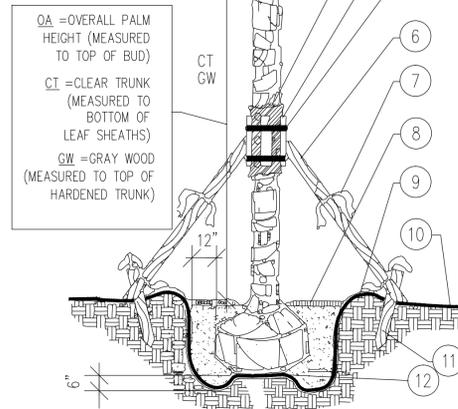


- NOTES:**
1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
 2. PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
 3. 3" MINIMUM MULCH AS SPECIFIED.
 4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
 5. FINISHED GRADE (SEE GRADING PLAN).
 6. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND- COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
 7. SCARIFY ROOTBALL SIDES AND BOTTOM.

4 SHRUB/ GROUNDCOVER PLANTING

NOT TO SCALE

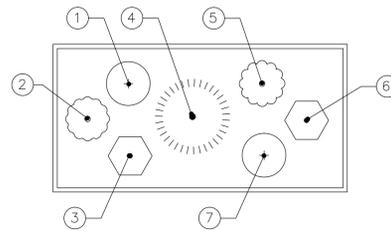
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.**
B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.
C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION - REFER TO POOR DRAINAGE CONDITION DETAIL.



1. MINIMUM OF NINE (9) GOOD PALM FRONDS.
2. PRUNE AND TIE FRONDS WITH HEMP TWINE. CABBAGE PALMS TO BE SELECTIVELY "HURRICANE CUT", LEAVING 3-4 SMALLER, TRIMMED FRONDS.
3. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
4. FIVE 2" X 4" X 18" WOOD BATTENS.
5. SECURE BATTENS WITH 2- 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
6. (3) 2"x4"x8' SUPPORTS. NAIL (DRILL AND NAIL IF NECESSARY) TO BATTENS AND 2" X 4" STAKES. FLAG AT MIDPOINT AND AT BASE.
7. PROVIDE FLAGGING AT MIDPOINT AND BASE.
8. 3" SPECIFIED MULCH.
9. BERM SOIL TO HOLD WATER.
10. FINISH GRADE
11. 2X4X24" (MIN) P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
12. PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).

2 PALM PLANTING DETAIL

NOT TO SCALE



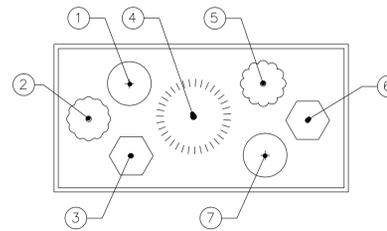
PLANTER LAYOUT "A"

WARM SEASON
SOUTH FLORIDA

1. RED SALVIA
2. PINK PORTULACA
3. YELLOW ZINNIA
4. ELLIOTT'S PURPLE LOVE GRASS
5. WHITE PENTAS
6. ORANGE GAZANIA
7. PINK PORTULACA

COOL SEASON
SOUTH FLORIDA

1. POT MARIGOLD
2. PINK PETUNIA
3. WHITE ALYSSUM
4. ELLIOTT'S PURPLE LOVE GRASS
5. ORANGE ZINNIA
6. RED PETUNIA
7. PINK VERBENA



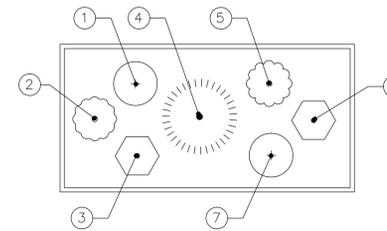
PLANTER LAYOUT "B"

WARM SEASON
SOUTH FLORIDA

1. RED GAZANIA
2. YELLOW PURSLANE
3. ORANGE PLUME CELOSIA
4. ELLIOTT'S LOVE GRASS
5. WHITE SALVIA
6. PINK GAZANIA
7. RED DIANTHUS

COOL SEASON
SOUTH FLORIDA

1. RED SALVIA
2. WHITE PETUNIA
3. YELLOW ALYSSUM
4. ELLIOTT'S LOVE GRASS
5. BLUE DAZE
6. LAVENDER VERBENA
7. YELLOW TALL MARIGOLD



PLANTER LAYOUT "C"

WARM SEASON
SOUTH FLORIDA

1. RED PENTAS
2. PINK PORTULACA
3. YELLOW PLUME CELOSIA
4. ELLIOTT'S PURPLE LOVE GRASS
5. WHITE PENTAS
6. YELLOW ZINNIA
7. ORANGE GAZANIA

COOL SEASON
SOUTH FLORIDA

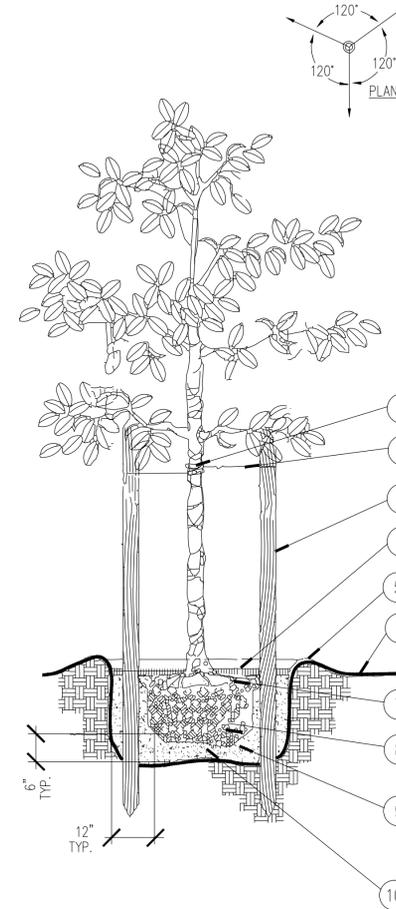
1. BLUE DAZE
2. RED PETUNIA
3. YELLOW ALYSSUM
4. ELLIOTT'S PURPLE LOVE GRASS
5. PINK DIANTHUS
6. WHITE VERBENA
7. YELLOW PLUME CELOSIA

5 RAISED PLANTER LAYOUT OPTIONS

NOT TO SCALE

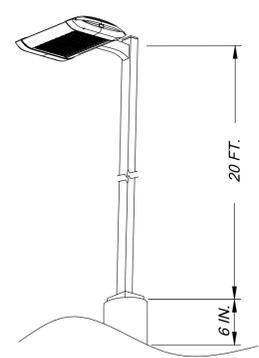
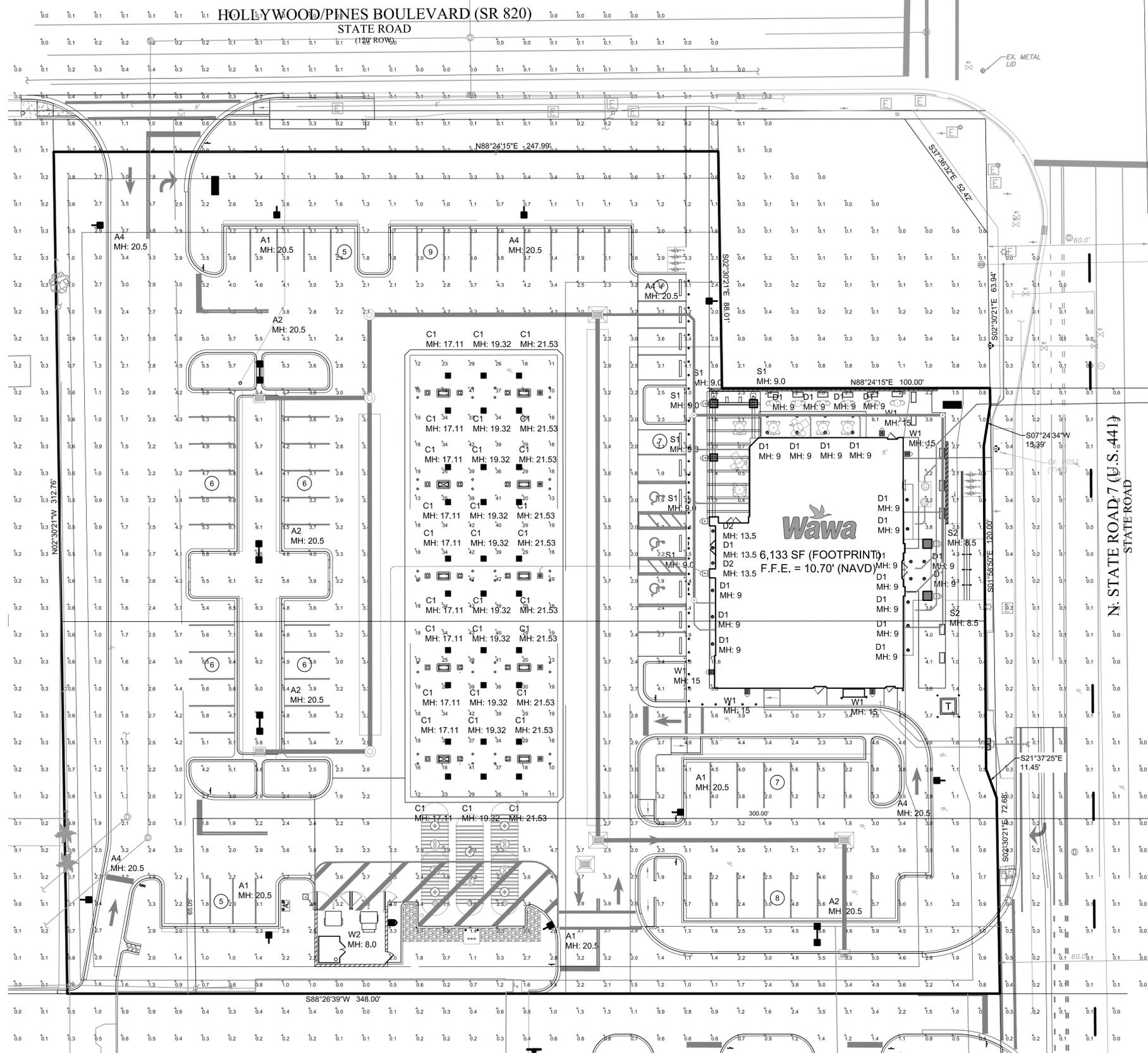
3 TREE PLANTING DETAIL

NOT TO SCALE

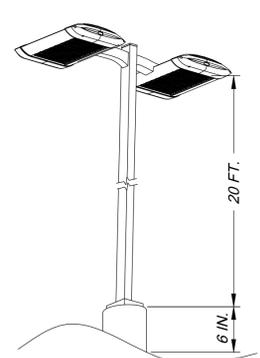


1. PROTECT TREE TRUNK WITH BLACK RUBBER HOSE.
2. #10 GAUGE WIRE (NOTE FOR MULTI-TRUNK TREES, GUY TO STRONGEST TRUNK AT CENTER).
3. THREE 2" X 8' LODGE POLES SPACE EVENLY AROUND TREE.
4. 3" MINIMUM OF CYPRESS MULCH COMPACTED OR AS SPECIFIED.
5. SOIL BERM TO HOLD WATER.
6. FINISHED GRADE (SEE GRADING PLAN)
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE
8. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
9. PREPARED PLANTING SOIL AS SPECIFIED.
10. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.

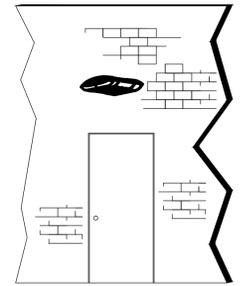
- NOTES:**
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
 - B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - C. "TREE SAVER" ANCHORING SYSTEM MAY BE SUBSTITUTED FOR WOOD STAKING SYSTEM UPON APPROVAL BY OWNER OR LANDSCAPE ARCHITECT



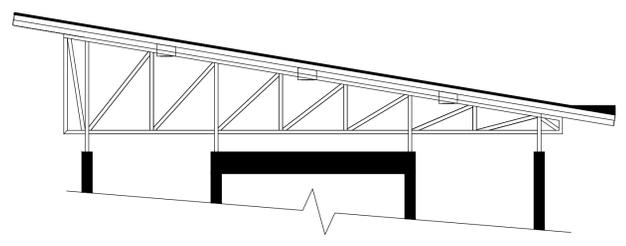
TYPE A1 & A4
AREA LIGHTS



TYPE A2
AREA LIGHTS



TYPE W1 & W2
WALL PACKS



TYPE C1
CANOPY LIGHTS

LUMINAIRE SCHEDULE							
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LLF	BUG RATING	WATTS/LUMINAIRE
[Symbol]	4	A1	SINGLE	12019	1.010	B3-U0-G3	134.2
[Symbol]	4	A2	BACK-BACK	12019	1.010	B3-U0-G3	134.2
[Symbol]	5	A4	SINGLE	8891	1.010	B1-U0-G2	134
[Symbol]	30	C1	SINGLE	10912	1.010	B3-U0-G1	101
[Symbol]	21	D1	SINGLE	1652	1.010	B2-U0-G0	27.2
[Symbol]	2	D2	SINGLE	880	1.000	B1-U0-G0	19.5
[Symbol]	6	S1	SINGLE	2659	1.000	B0-U5-G2	20
[Symbol]	2	S2	SINGLE	2542	1.000	B0-U4-G2	20
[Symbol]	5	W1	SINGLE	4210	1.010	B1-U0-G1	43
[Symbol]	1	W2	SINGLE	2105	1.010	B1-U0-G1	25

FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES					
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
CANOPY	29.33	47	10	2.93	4.70
DELIVERY	3.70	4.2	3.2	1.16	1.31
ENTRANCES & EXITS	2.96	4.5	0.8	3.70	5.63
PAVED	3.01	6.2	0.8	3.76	7.75
UNDEFINED	0.80	11.6	0.0	N.A.	N.A.

NOTES:
 - ALL AREA LIGHTS ON 20 FT. POLES MOUNTED ON 6 IN. CONCRETE BASES
 - ALL CONCRETE BASES TO BE LOCATED 5 FT. BEHIND CURB

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 LANDSCAPE ARCHITECTURE + PLANNING
 405 E. BOSTON STREET, SUITE 240, ORLANDO, FLORIDA 32801
 (407) 394-0010
 www.alpha-pacifica.com

DESIGNED BY: CR
 DRAWN BY: BW
 CHECKED BY: CR

PHOTOMETRIC PLAN

HOLLYWOOD BLVD. & N. SR 7

DATE: 11/05/19
 PROJECT NO.:
 SHEET NUMBER: LA-3

REVISIONS: PER CITY COMMENTS

FLORIDA REGISTERED PROFESSIONAL ENGINEER

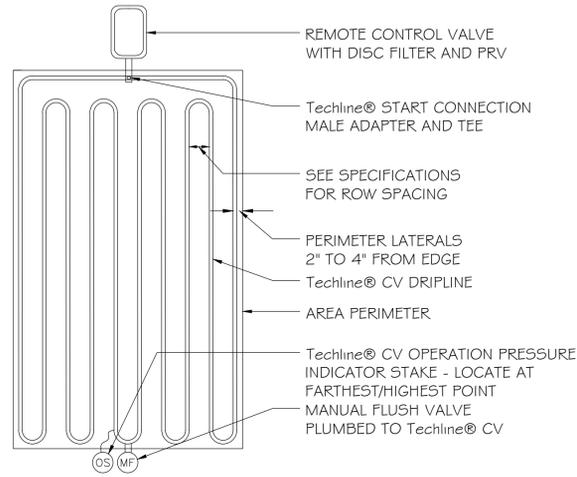
www.callsunshine.com

red leonard associates
 1340 KEMPER MEADOW DR. | FOREST PARK, OH 44124 | 913-574-8500
 WWW.REDLEONARD.COM

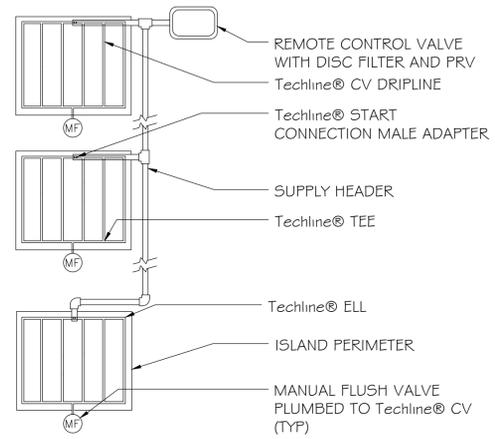
811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
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IRRIGATION GENERAL NOTES:

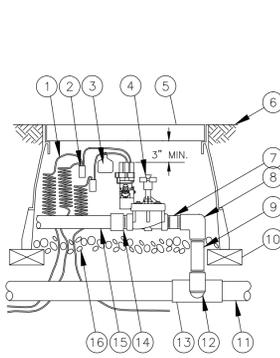
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY.
- INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON-SITE.
- IRRIGATION DESIGN IS SCHEMATIC ONLY. FULL AND COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE OWNER'S REPRESENTATIVE.
- ALL QUANTITIES AND CALCULATIONS ARE SCHEMATIC ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF FINAL QUANTITIES AND CALCULATIONS TO ENSURE SYSTEM IS FULLY OPERATIONAL.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT.
- IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE POWER SUPPLY TO ELECTRIC CONTROLLERS.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE JURISDICTION.
- ALL COMPONENTS OF THE IRRIGATION SYSTEM SHALL BE PURPLE AS MANUFACTURED FOR EFFLUENT DISTRIBUTION. THIS SHALL INCLUDE AT A MINIMUM PURPLE PIPE, PURPLE AUTOMATIC VALVES, PURPLE VALVE LID COVERS, AND PURPLE HEAD COVERS.
- LOCATE ALL COMPONENTS WITHIN LANDSCAPED AREAS WHENEVER POSSIBLE. ALL LINES UNDER PAVEMENT MUST BE SLEEVED. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE OWNER'S REPRESENTATIVE.
- THE IRRIGATION CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE FOR SLEEVING AND DIRECTIONAL BORES.
- ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF THE SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS. ALL SLEEVES ON PLAN FOR WALL PENETRATIONS AND UNDER SIDEWALKS SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
- ALL PRESSURIZED MAINLINES UNDER ASPHALT PAVEMENT SHALL BE WITHIN SLEEVES AS NOTED. WHERE ELECTRIC OR HYDRAULIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT.
- SLEEVES UNDER EXISTING PAVEMENT MUST BE DIRECTIONAL BORE. OPEN CUT IS NOT AN OPTION.
- NUMBER THE TOP OF ALL VALVE BOX LIDS WITH MINIMUM 1" HEIGHT BLACK LETTERS TO CORRESPOND TO AUTOMATIC AND GATE VALVE DESIGNATIONS. ALL HOSE BIBB VALVE BOXES SHALL BE LABELED IN A SIMILAR MANNER WITH THE DESIGNATION "HB". LETTER OUTSIDE OF TIMECLOCK CABINETS TO CORRESPOND WITH IRRIGATION CLOCK PROGRAM DESIGNATION.
- THE IRRIGATION CONTRACTOR SHALL INSTALL A COLOR CODED METAL DETECTABLE MARKING TAPE WHICH CLEARLY NOTES: "CAUTION: IRRIGATION LINE BURIED BELOW". THE TAPE SHALL BE INSTALLED THE FULL LENGTH OF THE IRRIGATION MAINLINE.
- ALL VALVES, SPLICES WITHIN CONTROL LINES, AND QUICK COUPLERS SHALL BE LOCATED WITHIN NDS VALVE BOXES AS FOLLOWS:
-RECTANGULAR 12"x17" HEAVY DUTY BOX WITH PURPLE COVER FOR REUSE
- ALL UNSIZED PIPE SHALL BE 3/4" UNLESS OTHERWISE NOTED ON PLAN. SEE LATERAL PIPE SIZING REQUIREMENTS.
- EACH TREE AND PALM (AS SHOWN ON THE PLANS) SHALL HAVE ONE (1) ADJUSTABLE FLOOD BUBBLER (SEE IRRIGATION SCHEDULE). SUCH HEADS SHALL BE ON MINIMUM 5'-0" LENGTH OF FLEXIBLE PIPE TO ALLOW ITS POSITIONING AT THE TREE. LOCATE BUBBLER ON THE UPHILL SIDE OF TREES ON ALL SLOPES.
- ALL IRRIGATION HEADS/DRIP TUBING SHALL BE LOCATED TWO (2) FEET FROM BACK OF CURB WHEN NEXT TO A ROADWAY.
- LOCATE ALL VALVES IN PLANTING BEDS WITH A MINIMUM OF 3'-0" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. PIPE SIZES ON EITHER SIDE OF SECTION VALVES CONNECTING MAINLINE TO SECTION LATERAL SHALL BE ONE (1) PIPE SIZE LARGER THAN VALVE SIZE.
- IRRIGATION CONTRACTOR TO COORDINATE WITH OWNER FOR CONTROLLER LOCATIONS.
- CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS AND VERIFY PERFORMANCE OF EXISTING RAIN SENSOR WITH AUTOMATIC SHUTOFF DEVICE. CONTRACTOR SHALL REPAIR AND REPLACE IF NECESSARY, COORDINATE WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PERFORM HYDRO-TESTING OF LATERAL LINES. CONTRACTOR TO CAP ALL BRANCH LINES INTO PLANT BEDS FOR PERFORMING OF THE HYDRO-TEST. DRIP TUBING IN BEDS TO BE INSTALLED AFTER FINAL APPROVAL OF THE HYDRO-TEST.
- ALL UNIMPROVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY CONTRACTOR.
- ALL CONTROL WIRE SHALL BE INSTALLED IN A 1/2" ELECTRICAL CONDUIT.



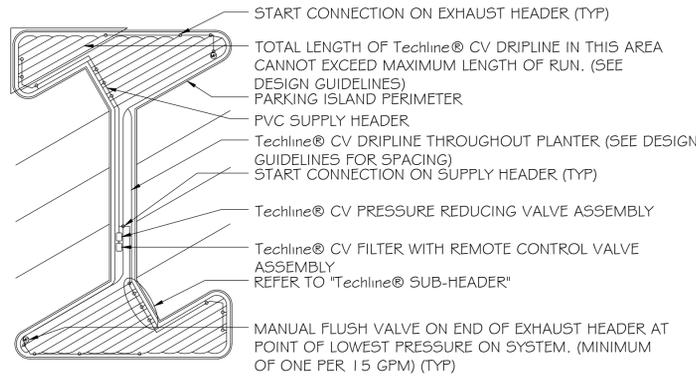
01 Techline® CV LITE END FEED LAYOUT WITH INDICATOR
NOT TO SCALE



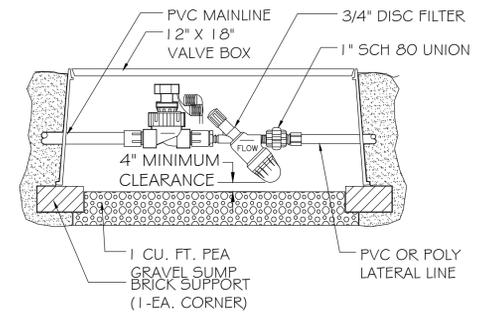
02 Techline® CV ISLAND LAYOUT
NOT TO SCALE



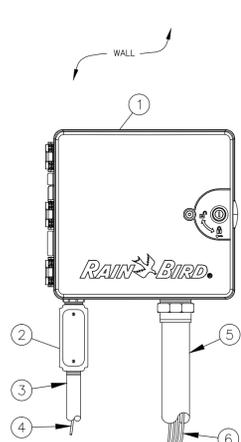
03 PEB OR PEBS SERIES CONTROL VALVE
NOT TO SCALE



04 Techline® CV PARKING LOT ISLAND LAYOUT
NOT TO SCALE



05 REMOTE CONTROL VALVE W/ 3/4\"/>



06 ESP-LXME CONTROLLER IN PLASTIC CABINET
NOT TO SCALE

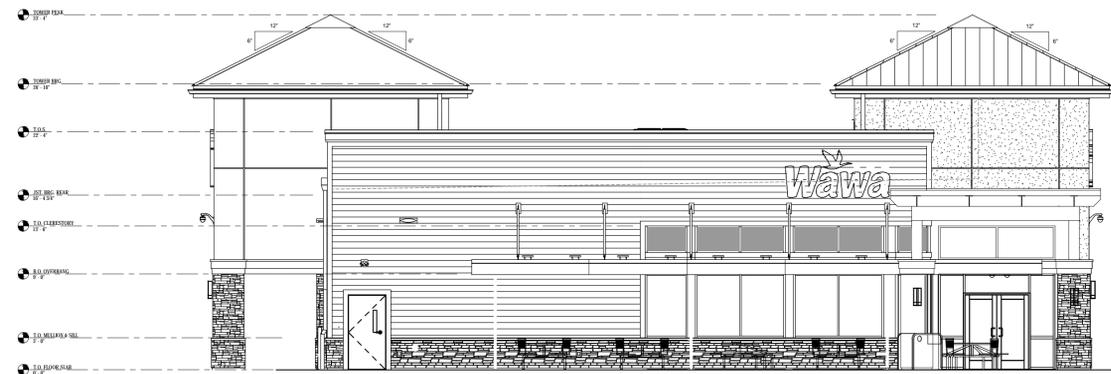
- RAIN BIRD ESP-LXME CONTROLLER IN PLASTIC CABINET WITH WALL MOUNT. INSTALL CONTROLLER AND CABINET ON WALL PER MANUFACTURER'S RECOMMENDATIONS.
 - JUNCTION BOX
 - 1-INCH CONDUIT AND FITTINGS TO POWER SUPPLY
 - POWER SUPPLY WIRE
 - 2-INCH CONDUIT AND FITTINGS FOR STATION WIRES
 - WIRES TO REMOTE CONTROL VALVES
- NOTES:
1. ESP-LXME CONTROLLER IS AVAILABLE IN 8- OR 12-STATION BASE MODELS. ADDITIONAL MODULES IN 4-, 8- AND 12-STATION VERSIONS MAY BE ADDED TO BRING THE CONTROLLER UP TO 48 STATIONS MAXIMUM.
2. FOR EASE OF INSTALLATION INTO A CONTROLLER WITH MORE THAN 24 STATIONS, INSTALL A JUNCTION BOX AT THE BASE OF CONTROLLER AND TRANSITION LARGER VALVE AND COMMON WIRES FROM FIELD TO 18 AWG MULTI CONDUCTOR WIRE TO BE USED IN CONTROLLER.
3. USE STEEL CONDUIT FOR ABOVE GRADE AND SCH 40 PVC CONDUIT FOR BELOW GRADE CONDITIONS.
3. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

DATE	11/05/19	JT	BY
REVISIONS			
PER CITY COMMENTS			
NO.			
<p>ALOHA PACIFICA LLC LANDSCAPE ARCHITECTURE + PLANNING 405 E. BROADWAY STREET, SUITE 240 OMAHA, NEBRASKA 68102 (402) 334-8818 OFFICE aloha@alohapacific.com</p>			
<p>SCALE'S NOTED DESIGNED BY GR DRAWN BY BW CHECKED BY GR</p>			
<p>IRRIGATION DETAILS</p>			
<p>Wawa HOLLYWOOD BLVD. & N. SR 7 HOLLYWOOD FLORIDA</p>			
<p>DATE 11/05/19 PROJECT NO.</p>			
<p>SHEET NUMBER LA-6</p>			

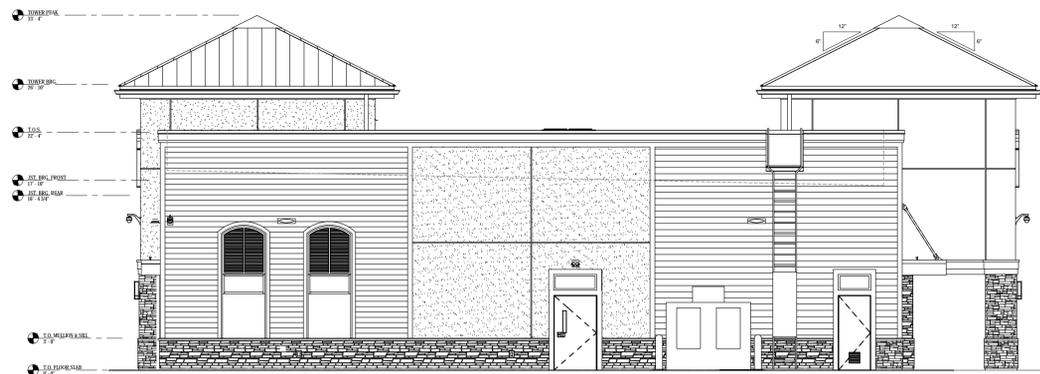




1 FRONT (WEST) ELEVATION
A4.0 1/8" = 1'-0"



2 LEFT (NORTH) ELEVATION
A4.0 1/8" = 1'-0"



3 RIGHT (SOUTH) ELEVATION
A4.0 1/8" = 1'-0"



4 REAR (EAST) ELEVATION
A4.0 1/8" = 1'-0"

ARCHITECTURAL - EXTERIOR FINISH SCHEDULE				
SYMBOL	MATERIAL	MANUFACTURER	COLOR	NOTES
C02	CO2 FILL BOX WITH PVC SLEEVE THRU WALL	SUPPLIER		RE: A1 FOR LOCATION AND MOUNTING DETAIL, 18/A7 (SIM)
DS	STAINLESS STEEL THRUWALL SCUPPER & COLLECTOR AND 4" DIA. STAINLESS STEEL DOWNSPOUT	ATAS INTERNATIONAL INC.	NATURAL MILL FINISH	COORDINATE WITH CIVIL FOR CONNECTION TO STORM SEWER. SEE DETAIL 14A & 14B/A7. ALTERNATE: PETERSEN PAC CLAD
DS1	4" DIA. STAINLESS STEEL DOWNSPOUT. REFER TO SPECS FOR GAUGE.	ATAS INTERNATIONAL INC.	NATURAL MILL FINISH	COORDINATE WITH CIVIL FOR CONNECTION TO STORM SEWER. SEE DETAIL 14A & 14B/A7. ALTERNATE: PETERSEN PAC CLAD
DS2	4" DIA. .032 ALUM. DOWNSPOUT	ATAS INTERNATIONAL INC.	NATURAL MILL FINISH	ALTERNATE: PETERSEN PAC CLAD
EP1	PAINT	BENJAMIN MOORE	COLOR: WHITE DIAMOND #2121-60 FINISH: EGGSHELL	DOOR & FRAME
FCS	"ARTISAN" PLANK LAP SIDING	JAMES HARDIE	CREAM. FINISH: BEADED SMOOTH, 8.25" X 12"	PRE FINISHED. PROVIDE COLOR-MATCHED CAULK BY JAMES HARDIE
FCST	"ARTISAN" ACCENT TRIM	JAMES HARDIE	WHITE. FINISH: SMOOTH, 1.5" TH X 6" W X 10'-0" L	PRE FINISHED. PROVIDE COLOR-MATCHED CAULK BY JAMES HARDIE
G1	ALUMINUM GUTTERS		632 POLISHED ALUMINUM W/ CLEAR ANODIZED FINISH	CONTINUOUS - NO SEAMS ALLOWED. SEE SHEET A3.1
GATE	TUBE STEEL FRAME WITH 1X8 CPVC SMOOTH FINISH SLATS	GENERAL CONTRACTOR	WHITE	RE: SHEET A10 FOR DETAILS
ICE	ICE MERCHANDISER	LEER	PAINT BENJAMIN MOORE, BM OC-1 NATURAL WICKER	
LADD	METAL EXTERIOR LADDER	EASTERN METAL SUPPLY	BRUSHED ALUMINUM	RE: SHEET A3.1 FOR DETAILS
LGD	6" LADDER GUARD #LG6	VISIONMASTERS EQUIP. CO.	MILL FINISH	
LIGHT	EXTERIOR LIGHT FIXTURE			RE: ELECTRICAL DRAWINGS AND DETAIL 18/A7 FOR MOUNTING
MTPN2	METAL PANEL	PIONEER ARCHITECTURAL SYSTEMS	PAINT TO MATCH DOORS, P1	
OFS	STAINLESS STEEL 8" X 16" OVERFLOW SCUPPER	ATAS INTERNATIONAL INC.	NATURAL MILL FINISH	ALTERNATE: PETERSEN PAC CLAD
OVH	METAL OVERHANG FACING	ATAS INTERNATIONAL INC.	RAPID-LOK FASCIA, CUSTOM EDGE-LOK FASCIA, COLOR: #17 BRITTE RED	RE: A3.1 FOR DETAILS. ALTERNATE: PETERSEN PAC CLAD.

ARCHITECTURAL - EXTERIOR FINISH SCHEDULE				
SYMBOL	MATERIAL	MANUFACTURER	COLOR	NOTES
OVH2	HIP ROOF FASCIA	ATAS INTERNATIONAL INC.	BRAKE METAL. COLOR: #26 BONE WHITE	RE: A3.1 FOR DETAILS. ALTERNATE: PETERSEN PAC CLAD.
PAR	ALUMINUM PARAPET CAP	ATAS INTERNATIONAL INC.	COLOR TO MATCH ADJACENT TRIM	ALTERNATE: PETERSEN PAC CLAD
PVCT	ACCENT TRIM	AZEK	WHITE. FINISH: SMOOTH	PRE-FINISHED. ALTERNATE: PALIGHT
RF2	METAL ROOFING	ATAS INTERNATIONAL INC.	MRD194 DUTCH SEAM (1 1/2") 19.25". COLOR: #23 COPPERTONE	ALTERNATE: PETERSEN PAC CLAD
RF3	STANDING SEAM ROOF HIP CAP	ATAS INTERNATIONAL INC.	TO MATCH METAL ROOFING	ALTERNATE: PETERSEN PAC CLAD
RSUP	ROD SUPPORT & PLATE		POWDER COAT, MATCH SW #6076	SEE STRUCTURAL. ALL RODS NOT INDICATED ON STRUCTURAL ARE PURELY DECORATIVE RE: 21/A3.1
SCJ	STUCCO CONTROL JOINT - 3/4" WIDE			"W" SHAPED ACCORDION STYLE - RE: SPECS
SGN	ILLUMINATED SIGNAGE			SIGN BY WAWA, SURFACE MOUNTED
SOFF	MPS190. SOLID AND VENTED	ATAS INTERNATIONAL INC.	BONE WHITE	BUILDING OVERHANGS. ALTERNATE: PETERSEN PAC CLAD
SPAN	SPANDREL GLASS, 1" INSULATED TEMPERED	VERICON	SUBDUED BRONZE	FRIT TO BE ON INSIDE OF PANEL
STN1	MANUFACTURED STONE VENEER	BORAL	SOUTHWEST BLEND PF-8019. PRO-FIT LEDGESTONE	
STN2	PRE-CAST MANUFACTURED STONE	BORAL	TALPE CSV-1375	VERTICAL GROUT JOINTS: 3/16" MAX. WIDTH. GROUT WITH BONSAI #71 WARM IVORY
STN5	PRE-CAST STONE BASE	ITALIAN CAST STONE	3"W X 6"H X 48" LENGTHS. COLOR: ICS-LS-WAWA SABIA, FINISH: "LIGHT SMOOTH"; MAINTAIN CONSISTENT COLOR THROUGHOUT PROJECT	RE: DETAIL 5 & 11/A6.1. ALTERNATE: QUALITY STONE VENEER, INC. SEE SPECIFICATIONS. VERTICAL GROUT JOINTS: 3/16" MAX. WIDTH. GROUT WITH BONSAI #71 WARM IVORY
STN6	PRE-CAST STONE CAP	ITALIAN CAST STONE	COLOR: WHITE	RE: SHEET A10. GROUT JOINTS 3/16" MAX. WIDTH. COLOR: WHITE (TO MATCH STONE CAP)
STOR	STOREFRONT SYSTEM	KAWNEER	CLEAR ANODIZED	RE: SPECIFICATIONS
STU1	STUCCO	SENERGY	#3085 MERINGUE. FINISH: SAHARA	
STU2	STUCCO	SENERGY	#354 STARK WHITE. FINISH: FINE	
TG	1" INSULATED TEMPERED GLASS			RE: SPECIFICATIONS
TGT	1" INSULATED TEMPERED GLASS	PPG	SOLARGRAY VLT. SEE SPECS	RE: SPECIFICATIONS
TH	36" X 48" ACCESS HATCH		FACTORY FINISH	RE: DOOR SCHEDULE, SHEET A1

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C
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Architects Engineers Planners

CLIENT NAME
WAWA
280 W. BALTIMORE PIKE
WAWA, PA 19063

PROJECT NAME
WAWA PROTOTYPE F85FB L_v2020.00
STORE #5394
HOLLYWOOD BLVD. & SR 7 (US 441)
HOLLYWOOD, FL

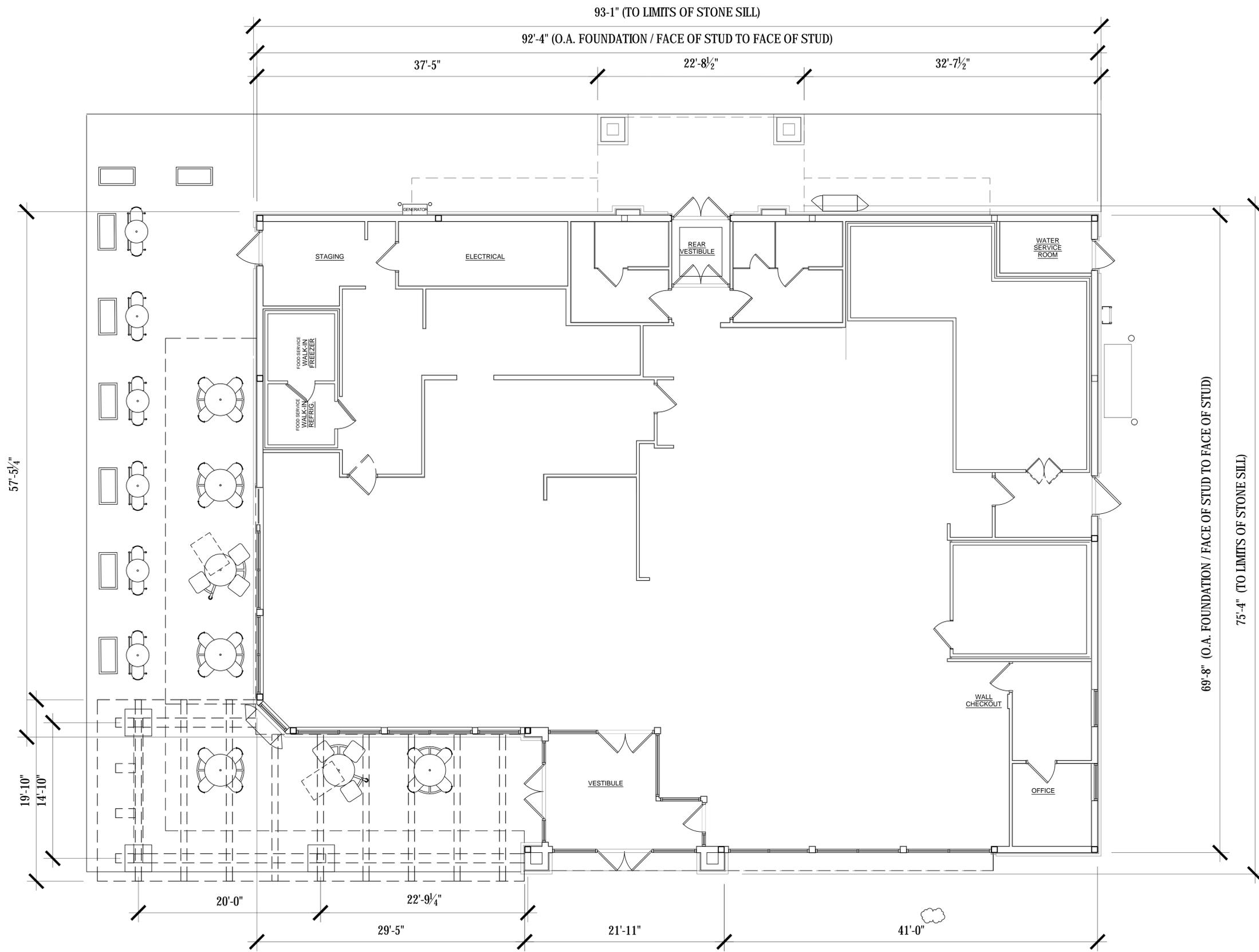
SHEET TITLE
EXTERIOR ELEVATIONS

No.	Description	Date
	CIVIL SUBMITTAL	08/26/19

PROJECT NO. 217003	DATE 08-26-19	DRAWN DB	CHECKED Checker
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A4.0

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1 DIMENSIONED FLOOR PLAN
A1 3/16" = 1'-0"

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Orlando, FL 32814
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www.epi.com



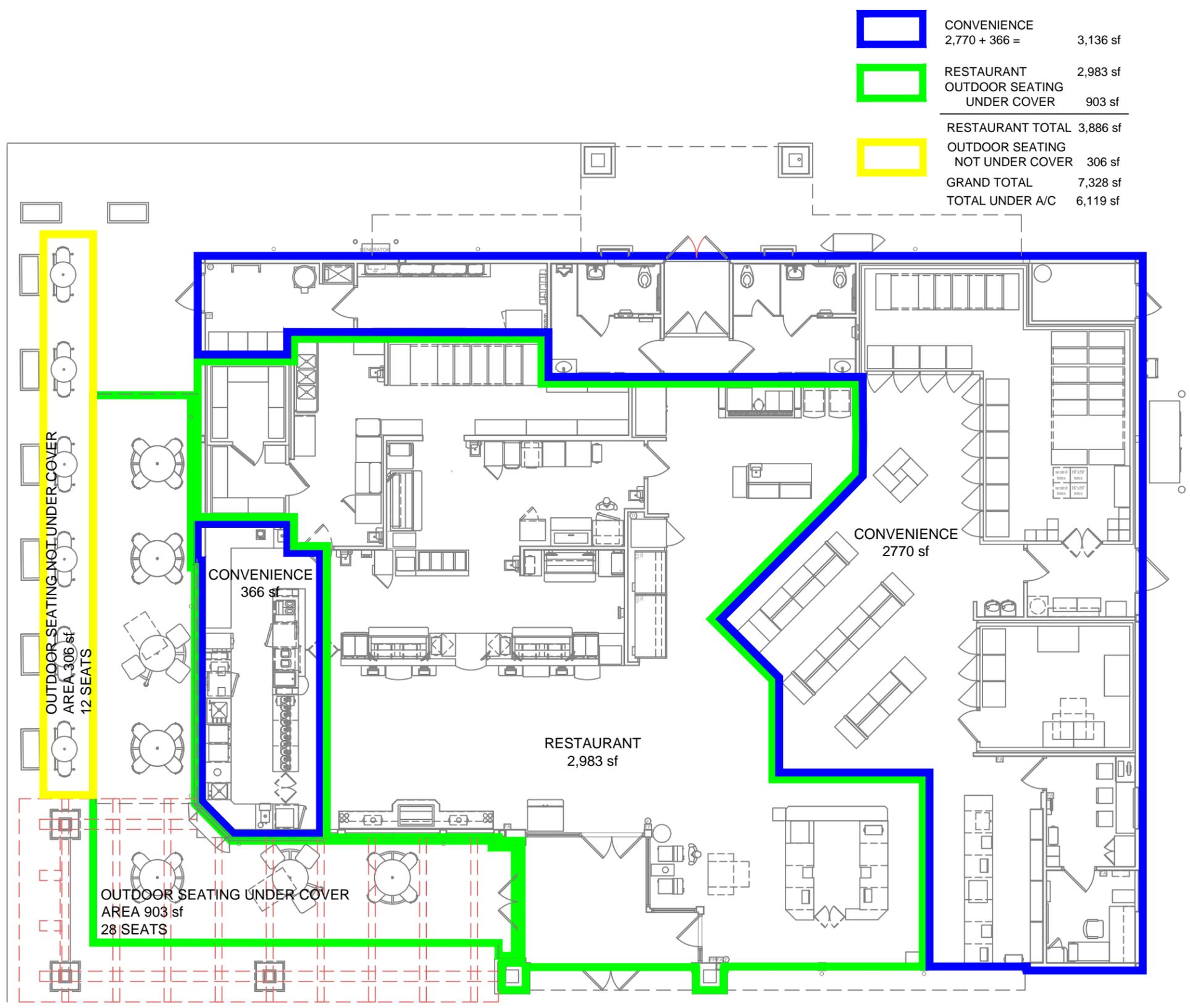
CLIENT NAME
WAWA
260 W. BALTIMORE PIKE
WAWA, PA 19063

PROJECT NAME
WAWA PROTOTYPE F85FB L_v2020.00
STORE #5394
HOLLYWOOD BLVD. & SR 7 (US 441)
HOLLYWOOD, FL

SHEET TITLE
FLOOR PLAN

No.	Description	Date
1	CIVIL SUBMITTAL	08/26/19

PROJECT NO.	2170083
DATE	08-26-19
DRAWN	DB
CHECKED	
Checker	



	CONVENIENCE	2,770 + 366 =	3,136 sf
	RESTAURANT		2,983 sf
	OUTDOOR SEATING UNDER COVER		903 sf
RESTAURANT TOTAL 3,886 sf			
	OUTDOOR SEATING NOT UNDER COVER		306 sf
GRAND TOTAL			7,328 sf
TOTAL UNDER A/C			6,119 sf

OUTDOOR SEATING NOT UNDER COVER
AREA 306 sf
12 SEATS

CONVENIENCE
366 sf

CONVENIENCE
2770 sf

RESTAURANT
2,983 sf

OUTDOOR SEATING UNDER COVER
AREA 903 sf
28 SEATS

1 FLOOR PLAN STORE #5394 F85FBL v2020.00
Scale N.T.S.

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SHEET

PROJECT	2170093
DATE	09/20/19
SCALE	N.T.S.

PROJECT NAME	WAWA Store #5394 Hollywood Blvd. & US 441 (SR 7) Hollywood, FL
SHEET TITLE	RESTAURANT AREA SUMMARY

Cuhaci & Peterson
Architects Engineers Planners
Florida Corporate Certificate #AA C00826

1925 Prospect Avenue, Orlando, FL 32814
Ph. 407.661.9100 - Fax 407.661.9101
www.cjpl.com



RIGHT (SOUTH) ELEVATION

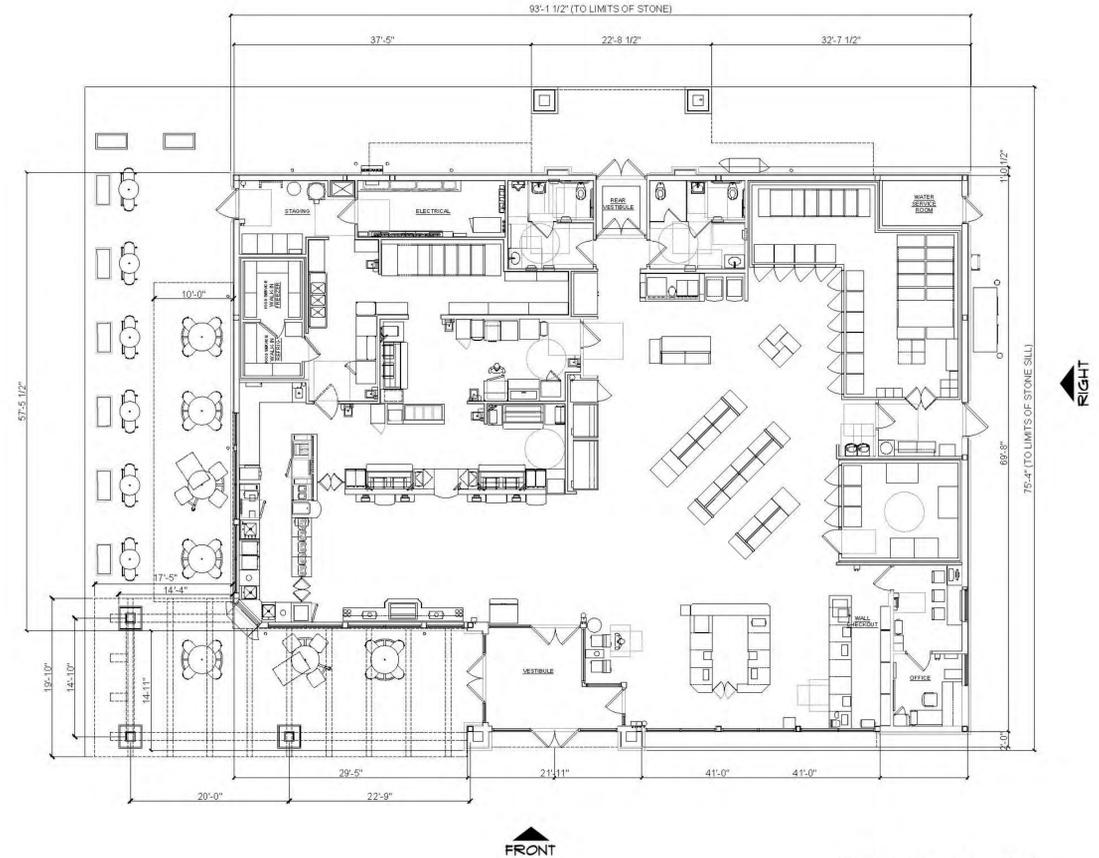


FRONT (WEST) ELEVATION

50% WINDOW GLAZING REQUIRED BETWEEN 0'-0" AND 10'-0" A.F.F.
 TOTAL FAÇADE AREA: 925 S.F.
 GLAZED AREA: 549 S.F. (60%)
 TOTAL ACTIVE USE UNDER ROOF: 665 S.F.
 ACTIVE USE UNDER ROOF GLAZED AREA: 505 S.F. (76%)



REAR (EAST) ELEVATION (US 441)



FLOOR PLAN

Metal Door Benjamin Moore White Diamond BM 2121-60	Metal Overhang Atlas #17 Brite Red
Fiber Cement Trim White	Stucco Senery Meringue #3085
Fiber Cement Siding Cream	Ice Storage Benjamin Moore Natural Wicker OC-1
Metal Roof Atlas International Coppertone # 23	Exterior Stone Cultured Stone Southwest Blend



LEFT (NORTH) ELEVATION (HOLLYWOOD BLVD.)

50% WINDOW GLAZING REQUIRED BETWEEN 0'-0" AND 10'-0" A.F.F.
 TOTAL FAÇADE AREA: 721 S.F.
 GLAZED AREA: 234 S.F. (33%)
 TOTAL ACTIVE USE UNDER ROOF: 458 S.F.
 ACTIVE USE UNDER ROOF GLAZED AREA: 234 S.F. (51%)

NOTE:
 SIGNAGE IS SHOWN FOR REFERENCE ONLY
 SEPARATE PERMIT REQUIRED



WAWA F85FBL v2020.00 - STORE #5394
 Hollywood Blvd. & US 441, Hollywood, FL • C&P Project #2170093 • 09-20-2019



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- Metal Door
Benjamin Moore
White Diamond
BM 2121-60
- Azek Trim
White
- Stucco
Senery
Meringue #3085
- Exterior Stone
Cultured Stone
Southwest Blend

