

Southern Live Oak Quercus virginiana





Autograph Tree Clusia rosea



Seagrape Tree Coccoloba uvifera



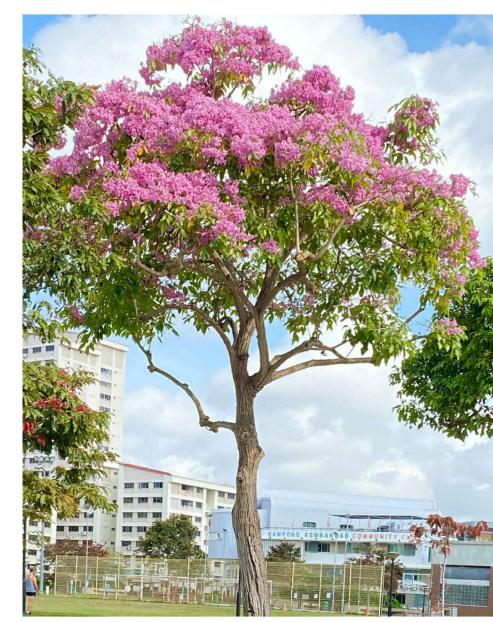
Joewood Jacquinia keyensis



Red Powder Puff Calliandra haematocephala



Crabwood Gymnanthes lucida



Pink Trumpet Tree Tabebuia pallida



Wild Date Palm Phoenix sylvestris



Hurricane Palm



Miraguama Palm Coccothrinax miraguama



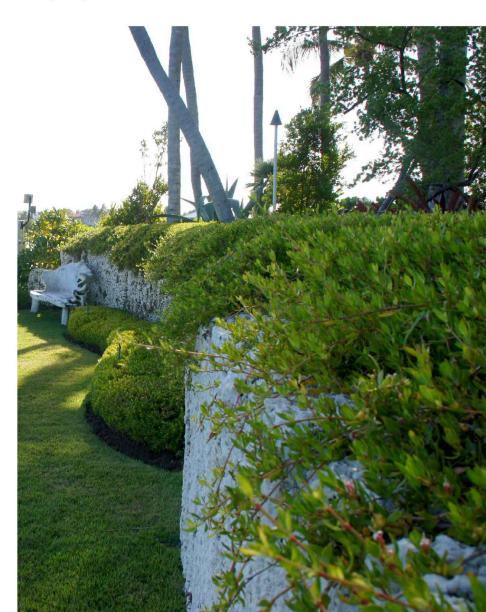
Green Island Ficus Ficus microcarpa



Mexican Breadfruit Monstera deliciosa



Golden Pothos Vine Epipremnum aureum 'Neon'



Golden Creeper Ernodea littoralis

Dictyosperma album

PLANTING PALETTE

PETAR STRACENSKI Lic. # LA6667526

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Sheet No. L.07 Project 2302

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Name Address Address

Consultant: Name Address

Address Tel: Email

Consultant:

Name Address Address

Architect:

2100 N Federal Highway Hollywood, FL, 33020

LOCATION_MAP

NOT TO SCALE

BMP NOTES:

1. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.

2. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.

3. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORMWATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.

4. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.

5. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN THIRTY (30) DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.

6. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.

7. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

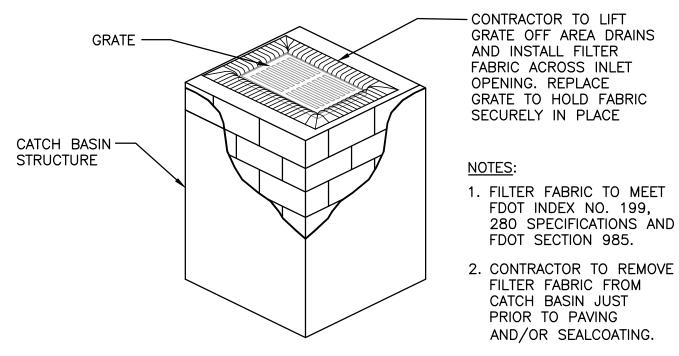
8. PROPERTIES AND WATER WAYS DOWNSTREAM FROM CONSTRUCTION SITE SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.

9. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.

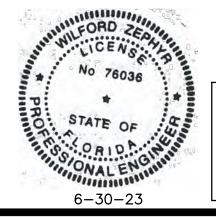
10. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.

11. THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.

POST OPTIONS: WOOD 2 1/2" MIN. Ø POST WOOD 2" X 4" OAK 1 1/2" X 1 1/2" STEEL 1.33 LBS/FT. MIN.— 6' MAX. FILTER FABRIC (IN CONFORMANCE WITH SEC. 985 FDOT SPEC.) GRADE TYPE III SILT FENCE



POLLUTION PREVENTION FOR CATCH BASIN



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LEGEND

PROPOSED CONCRETE

PROPOSED ASPHALT PROPOSED GRADE

EXISTING ELEVATION PROPOSED CATCH BASIN EXISTING CATCH BASIN

PROPOSED WATER METER

EXISTING WATER METER EXISTING WATER VALVE PROPOSED BFP DEVICE EXISTING SAN. SEWER MH EXISTING FIRE HYDRANT

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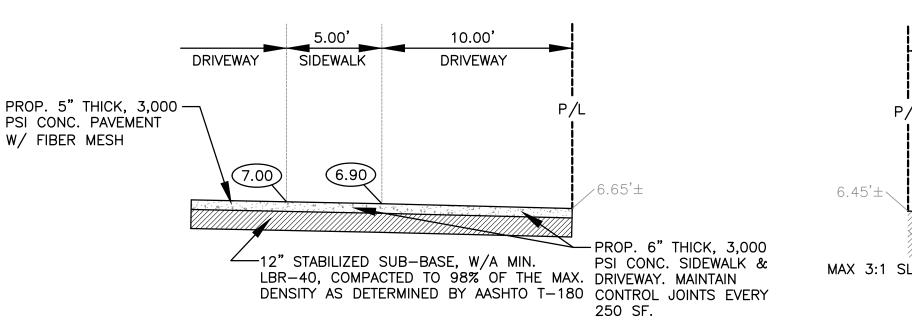
DATE: 3/23/23 SCALE: 1"=30'

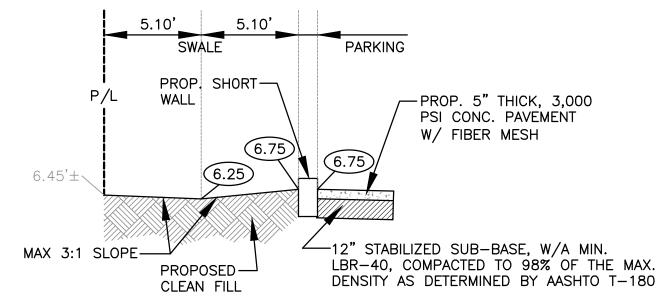
1 OF 7 PROJECT NO.: 23-10

EROSION & SEDIMENT CONTROL PLAN

SCALE: 1"=30'

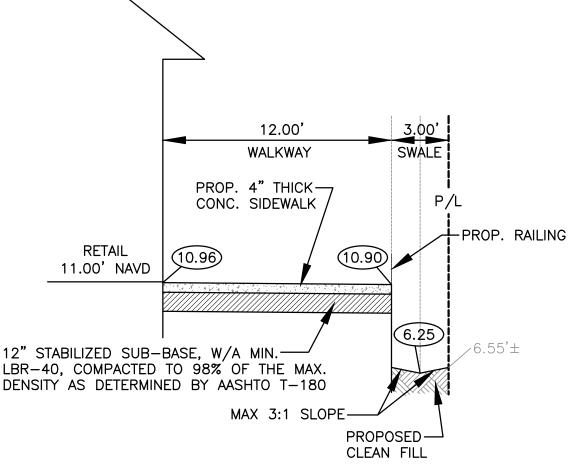
- 1) CONTRACTOR MUST NOTIFY ZEPHYR ENGINEERING OF THE START OF CONSTRUCTION DATE PRIOR TO START OF CONSTRUCTION. ZEPHYR ENGINEERING WILL NOT CERTIFY ANY CONSTRUCTION THAT WAS NOT INSPECTED BY ZEPHYR ENGINEERING. OR ZEPHYR ENGINEERING'S AUTHORIZED REPRESENTATIVE.
- 2) PRIOR TO CONSTRUCTION, CONTRACTOR RESPONSIBLE TO FIELD VERIFY ALL EXISTING ELEVATIONS.
- 3) CONTRACTOR MUST COORDINATE PROPOSED IMPROVEMENTS SHOWN ON CIVIL PLANS WITH EXISTING SITE CONDITIONS & PROPOSED PLANS BY THE OTHER DESIGN PROFESSIONALS PRIOR TO CONSTRUCTION. CONTRACTOR MUST ALSO VERIFY THAT THERE ARE NO DISCREPANCIES BETWEEN THE WATER, SEWER & DRAINAGE PLANS THAT MAY CAUSE CONFLICTS PRIOR TO CONSTRUCTION. CONTACT ZEPHYR ENGINEERING IF DISCREPANCIES EXIST
- 4) PRIOR TO CONSTRUCTION, CONTRACTOR RESPONSIBLE TO DOCUMENT EXISTING CONDITIONS ON AND AROUND THE PROJECT AREA, INCLUDING THE R.O.W. AND ADJACENT PROPERTIES. IT'S RECOMMENDED THAT CONTRACTOR TAKE PHOTOGRAPHS & VIDEOS TO CLEARLY DOCUMENT CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR RESPONSIBLE TO REPAIR ALL DAMAGES CAUSED BY OR AS A RESULT OF THE PROPOSED CONSTRUCTION.
- 5) ALL ROOF DRAINS MUST BE CONNECTED TO THE ONSITE DRAINAGE SYSTEM.
- CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR SITE PLAN LAYOUT AND DIMENSIONS.
- EXISTING UTILITIES SHOWN ARE BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR'S RESPONSIBLE TO FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR TO BE AWARE THAT THERE MAY BE SOME EXISTING UTILITIES ON OR ADJACENT TO THE PROJECT SITE THAT MAY NOT BE SHOWN ON THE CIVIL PLANS, AND CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THOSE UTILITIES AS WELL. CONTRACTOR RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES THAT CONFLICTS WITH PROPOSED CONSTRUCTION.

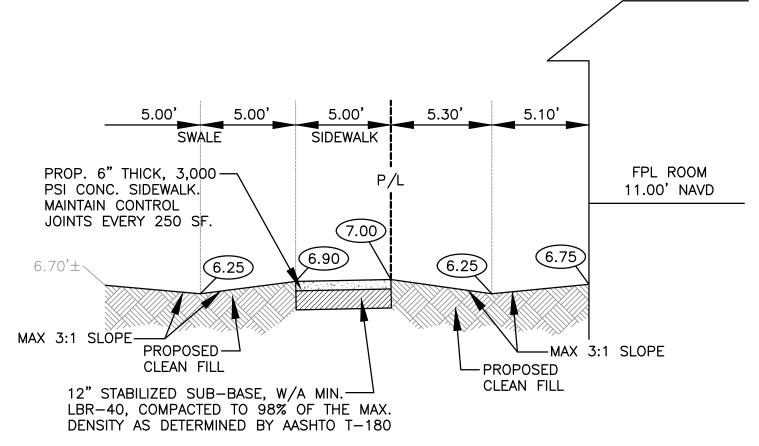




TYPICAL SECTION A-A N.T.S.

TYPICAL SECTION B-B





TYPICAL SECTION C-C N.T.S.





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PAVING, GRADING & DRAINAGE PLAN SCALE: 1"=30'

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DATE: 3/23/23 SCALE: 1"=30' SHEET NO.:

2 OF 7

PROJECT NO.: 23-10

LEGEND PROPOSED CONCRETE

PROPOSED ASPHALT PROPOSED GRADE

EXISTING ELEVATION PROPOSED CATCH BASIN

EXISTING CATCH BASIN PROPOSED WATER METER

PROPOSED BFP DEVICE EXISTING SAN. SEWER MH

8.90

EXISTING WATER METER EXISTING WATER VALVE

EXISTING FIRE HYDRANT

THE LOCATION OF EXISTING UTILITIES AND TOPOGRAPHY HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETER-MINE THE EXACT LOCATION OF ALL EXISTING UTILITIES

PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO NOTIFY THE FOLLOWING COMPANIES & AGENCIES AND ANY OTHERS SERVING THE AREA:

LOCAL CITY / COUNTY ENGINEERING & UTILITY DEPARTMENTS FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), AS APPLICABLE UNDERGROUND UTILITIES NOIFICATION CENTER OF FLORIDA

ALL UNSUITABLE MATERIALS, SUCH AS MUCK, HARDPAN, ORGANIC MATERIAL & OTHER DELETERIOUS MATERIAL AS CLASSIFIED BY AASHTO M-145, FOUND WITHIN THE ROAD & PARKING LOT AREAS SHALL BE REMOVED DOWN TO ROCK OR SUITABLE MATERIAL. & REPLACED W/ THE SPECIFIED FILL MATERIAL IN MAXIMUM 12" LIFTS COMPACTED TO NOT LESS THAN 100% MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE IN ACCORDANCE W/ AASHTO T-99. THICKNESS OF LAYERS MAY BE INCREASED PROVIDED THE EQUIPMENT & METHODS USED ARE PROVEN BY FIELD DENSITY TESTING TO BE CAPABLE OF COMPACTING THICK LAYERS TO SPECIFIED DENSITIES.

ALL AREAS SHALL BE CLEARED & GRUBBED PRIOR TO CONSTRUCTION. THIS SHALL CONSIST OF THE COMPLETE REMOVAL & DISPOSAL OF ALL TREES, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH & ALL OTHER OBSTRUCTION RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE EXIST. GROUND TO A DEPTH OF 12". ITEMS DESIGNATED TO REMAIN OR TO BE RELOCATED OR ADJUSTED SHALL BE SO

. FILL MATERIAL SHALL BE CLASSIFIED AS A-1, A-3 OR A-2.4 IN ACCORDANCE W/ AASHTO M-145 & SHALL BE FREE FROM VEGETATION & ORGANIC MATERIAL. NOT MORE THAN 12% BY WEIGHT OF FILL MATERIAL SHALL PASS THE NO. 200 SIEVE.

. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CERTIFIED MATERIAL TEST RESULTS TO THE ENGINEER OF RECORD PRIOR TO THE RELEASE OF FINAL CERTIFICATION BY THE ENG. TEST RESULTS MUST INCLUDE BUT MAY NOT BE LIMITED TO, DENSITIES FOR SUBGRADE & LIME ROCK, UTILITIES, EXCAVATION, ASPHALT GRADIATION REPORTS, CONC. CYLINDERS, ETC.

ALL INLETS & PIPE SHALL BE PROTECTED DURING CONSTRUCTION TO PREVENT SILTATION IN THE DRAINAGE SYSTEMS BY WAY OF TEMPORARY PLUGS & PLYWOOD OR PLASTIC COVERS OVER THE INLETS. THE ENTIRE DRAINAGE SYSTEM TO BE CLEAN OF DEBRIS PRIOR TO FINAL

WHERE NEW ASPHALT MEETS OR ABUTS EXIST. ASPHALT, THE EXIST. ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE. PRIOR TO REMOVING CURB OR GUTTER, THE ADJACENT ASPHALT SHALL ALSO BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE.

. ALL PROPOSED GRADES (ELEVATIONS) REFER TO ASPHALT GRADES UNLESS INDICATED OTHERWISE.

. SITE GRADING SHALL BE W/IN 0.1' OF THE REQUIRED ELEVATION & ALL AREAS SHALL BE GRADED TO DRAIN.

ALL SUBGRADE SHALL HAVE AN LBR OF 40 UNLESS OTHERWISE NOTED & SHALL BE COMPACTED TO 98% MAXIMUM DRY DENSITY PER AASHTO T-99.

10. ALL LIMEROCK SHALL BE COMPACTED TO 98% PER AASHTO T-180 & HAVE NOT LESS THAN 60% OF CARBONATES OF CALCIUM & MAGNESIUM UNLESS OTHERWISE DESIGNATED. ALL LIMEROCK SHALL BE PRIMED.

11 CONCRETE & ASPHALT THICKNESS SHALL BE OF TYPE DESIGNATED ON DWGS. (SEE SECTIONS) 12. PLASTIC FILTER FABRIC SHALL BE MIRAFI, TYPAR OR EQUAL CONFORMING TO SECTION 985 OF THE

FDOT STANDARD SPECIFICATIONS. 13. CONC. SIDEWALKS SHALL BE 4" THICK ON COMPACTED SUBGRADE, W/ 1/2" EXPANSION JOINTS PLACED AT A MAXIMUM OF 75'. CRACK CONTROL JOINTS SHALL BE 5' ON CENTER. THE BACK OF SIDEWALK ELEVATION SHALL EQUAL THE CROWN OF ROADWAY, UNLESS SPECIFIED OTHERWISE BY LOCAL CODES OR INDICATED ON DWGS. ALL CONC. SIDEWALKS THAT CROSS DRIVEWAYS SHALL BE 6" THICK.

4. PIPE SPECIFICATIONS: THE MATERIAL TYPE IS SHOWN ON THE DRAWINGS BY ONE OF THE FOLLOWING DESIGNATIONS -

RCP = REINFORCED CONC. PIPE, ASTM DESIGNATION C-76, TABLE III

CMP = CORRUGATED METAL (ALUM.) PIPE, TM DESIGNATION M-196CMP = (SMOOTH LINED) CORRUGATED METAL (ALUM.) PIPE, ASTM DESIGNATION M-196

SCP = SLOTTED CONC. PIPE, FDOT SECTIONS 941 & 942 PVC = POLYVINYLCHLORIDE PIPE

PCMP = PERFORATED CMP, FDOT SECTION 945 DIP = DUCTILE IRON PIPE HDPE = HIGH DENSITY POLYETHYLENE PIPE.

15. ASPHALT -

BITUMINOUS MATERIAL SHALL BE ASPHALT CEMENT, VISCOSITY GRADE AC-20, CONFORMING TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS, 1986 EDITION, SECTION 916-1. PRIME COAT SHALL BE CUT BACK ASPHALT, GRADE RC-70 OR RC-250 CONFORMING TO THE REQUIREMENTS SPECIFIED IN AASHTO DESIGNATION M-81-75 (1982). RATE - 0.10 GALS./S.Y. TACK COAT SHALL BE EMULSIFIED ASPHALT, GRADE RS-2 CONFORMING TO THE

REQUIREMENTS SPECIFIED IN AASHTO DESIGNATION M-140-82. RATE - 0.02 TO 0.08

DESIGN MIX SHALL CONFORM TO FDOT SECTION 331 UNLESS OTHERWISE SPECIFIED.

PAVEMENT MARKING & SIGNING STANDARD NOTES :

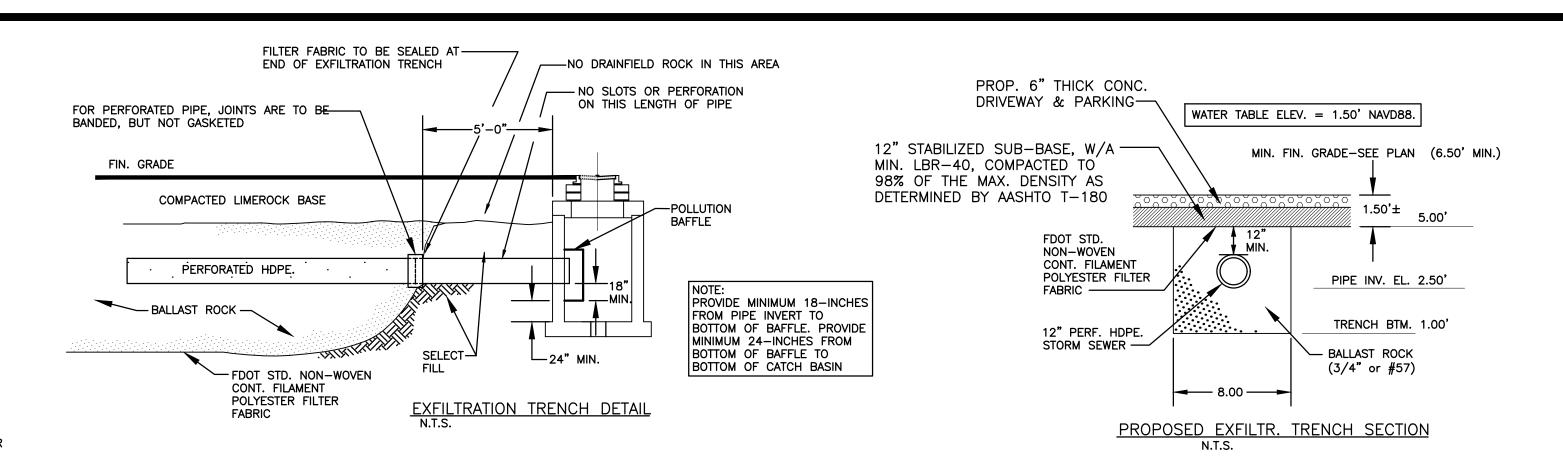
STOP SIGNS SHALL BE 30"x30" (R1-1), HIGH INTENSITY.

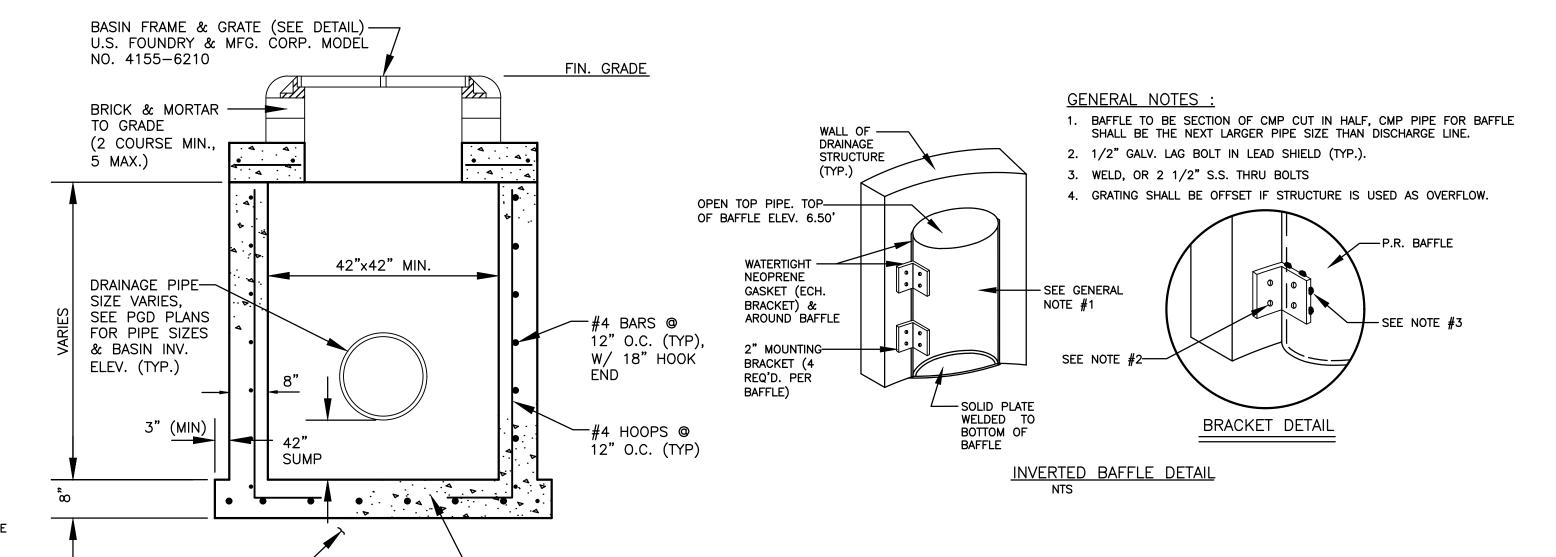
2. ALL SIGNS SHALL BE PLACED AT A HEIGHT NOT LESS THAN 5'& NOT GREATER THAN 7', THE HEIGHT IS MEASURED FROM THE BOTTOM OF THE SIGN TO THE EDGE OF NEAREST PAVEMENT. THE SIGN POST SHALL BE PLACED A MINIMUM OF 6' TO A MAXIMUM OF 12' FROM THE ADJACENT PAVEMENT, & A MINIMUM OF 6' FROM THE CROSS TRAFFIC

3. STOP BARS SHALL BE 24" WHITE.

4. ALL SITE PAVEMENT MARKINGS SHALL BE PAINT. (UNLESS INDICATED OTHERWISE)

5. ALL PAVEMENT MARKINGS AND SIGNAGE IN THE ROAD RIGHT-OF-WAY SHALL BE THERMOPLASTIC & SHALL CONFORM TO MUTCD AND PBC TYPICAL T-P-06-001.





#4 BARS @ 12" O.C.

EACHWAY (TYP)

AL FRAME & GRATE (₫ONCAVE)

TYPE "D" CONCRETE CURB DETAIL

FRAME & GRATE DETAIL

-TYPE "D" CONC. CURB

LIMEROCK BASE

CONC. OR BRICK (TYP.)

SECTION A-A

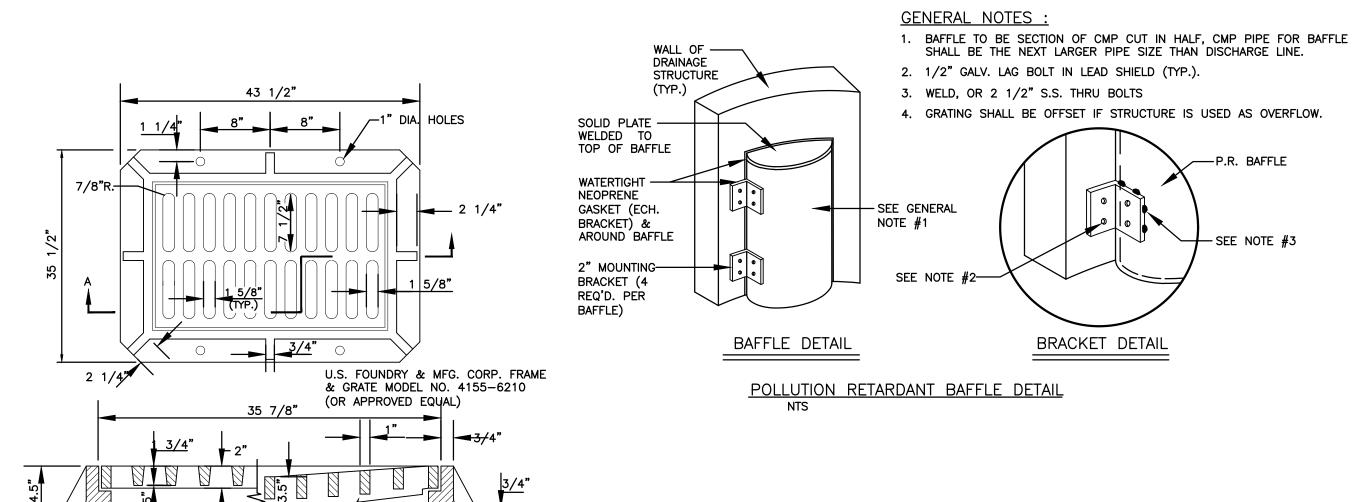
ASPHALT PAVEMENT

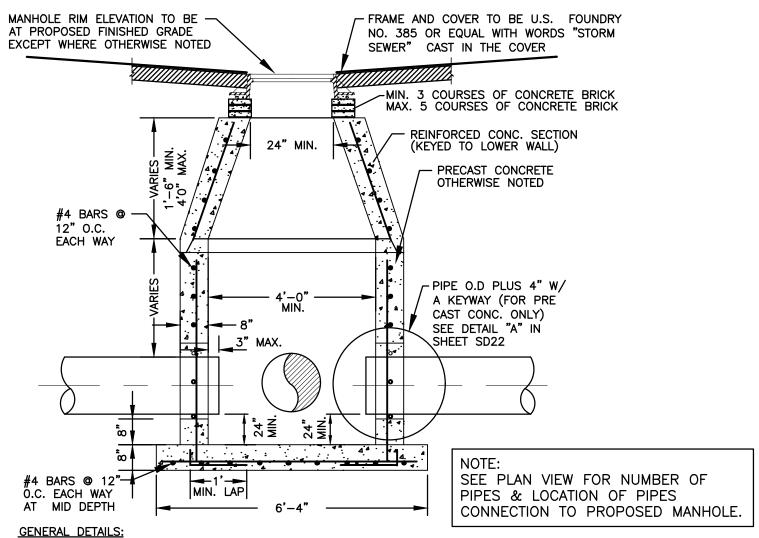
TYPICAL CATCH BASIN DETAIL

PROVIDE 6" GRAVEL BED

(TYP., FOR EACH

STRUCTURE)





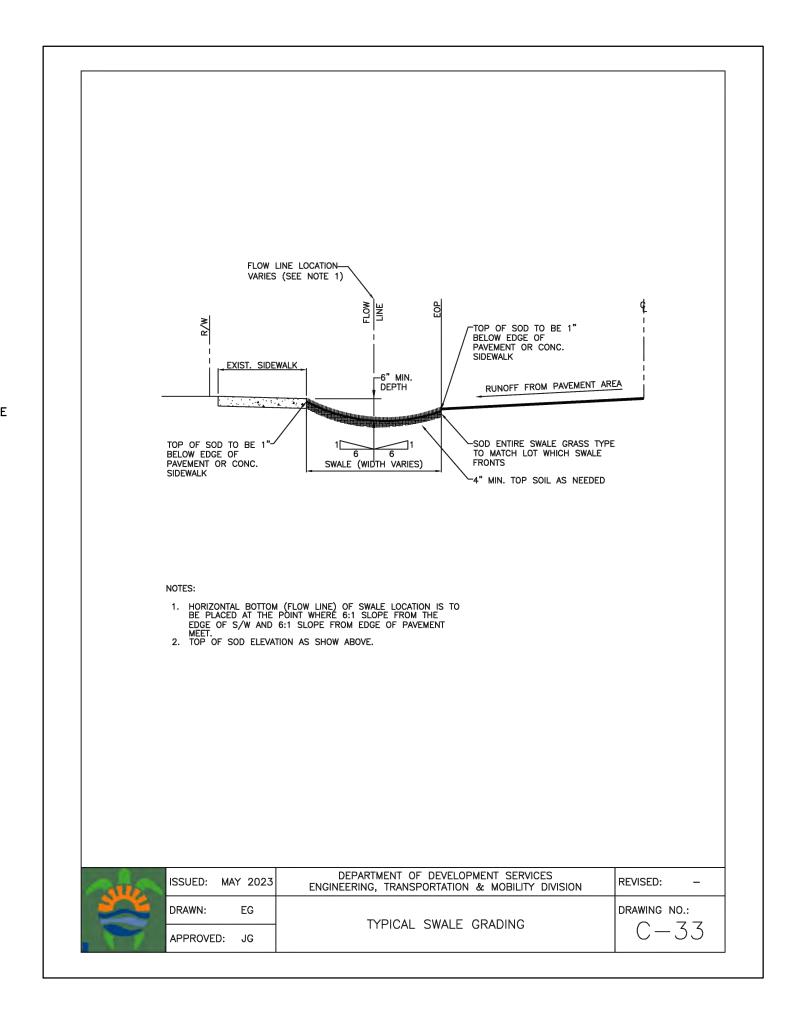
GENERAL DETAILS:

1. PROVIDE SHOP DRAWINGS OF STRUCTURES. 2. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478, SHALL BE TYPE II ACID RESISTANT CEMENT AND SHALL MAINTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS.

3. REFER TO FODT INDEX 200 FOR ADDITIONAL DETAILS AND SPECIFICATIONS. 4. ALL REINFORCING BARS SHALL BE ASTM A615 GRADE 60, ALL COVER SHALL BE 3 INCHES MINIMUM.

5. ALL OPENINGS SHALL BE SEALED WITH ELASTROMETIC GROUT (TYPE 3 CEMENT) SEE DETAIL "A", IN SHEET SD22.

CONCENTRIC PRECAST DRAINAGE MANHOLE (4'-0" MIN. DIA.) DETAIL





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CIVIL DETAILS

SCALE: N.T.S.

3 OF 7

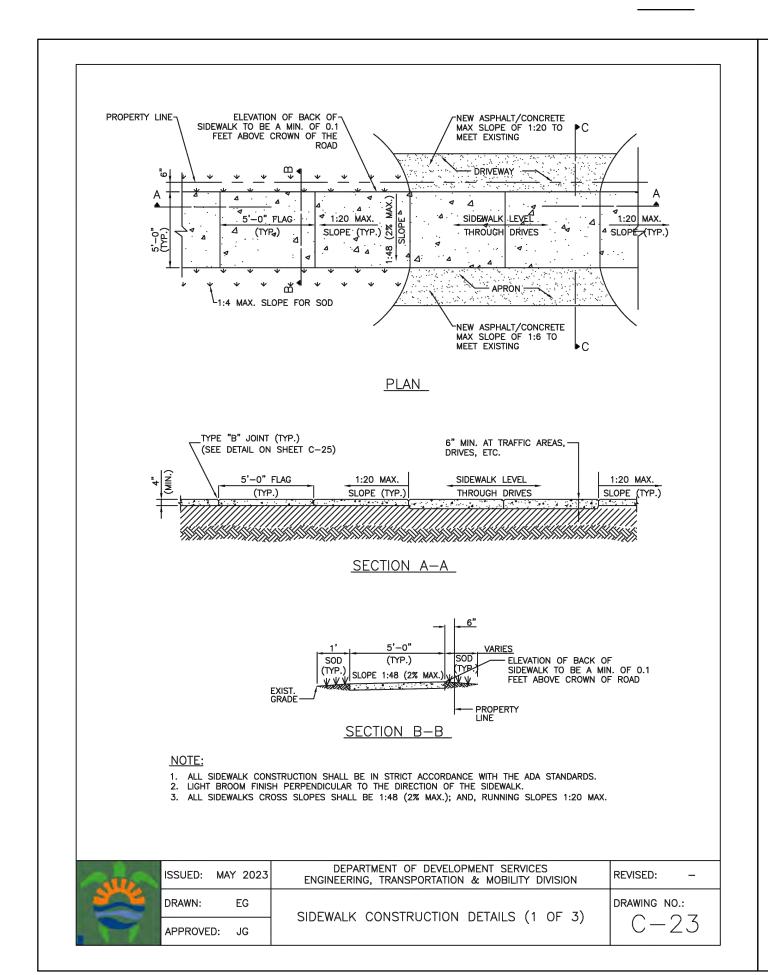
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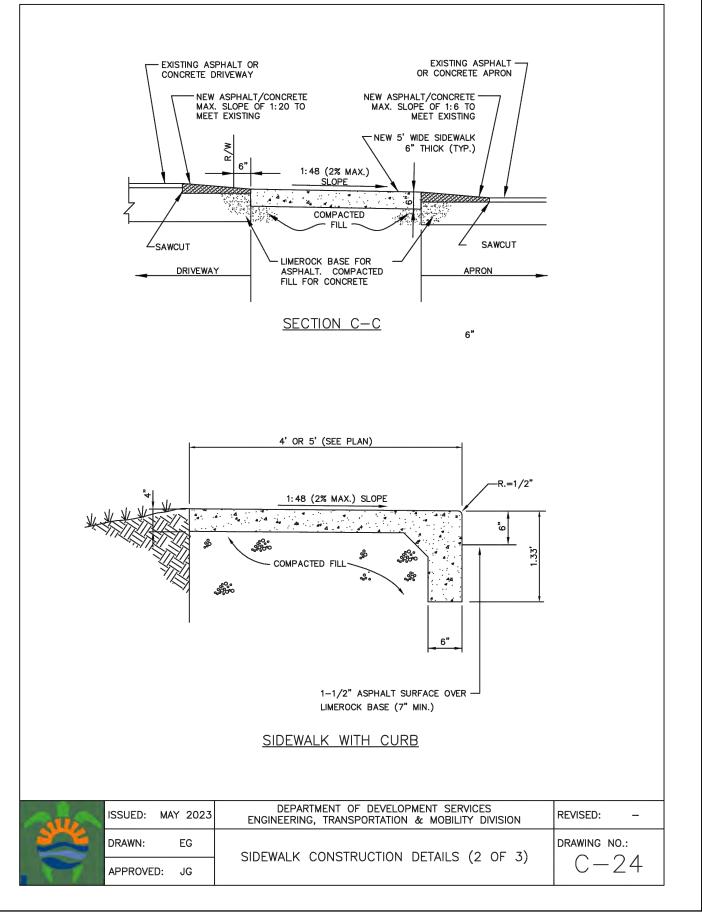
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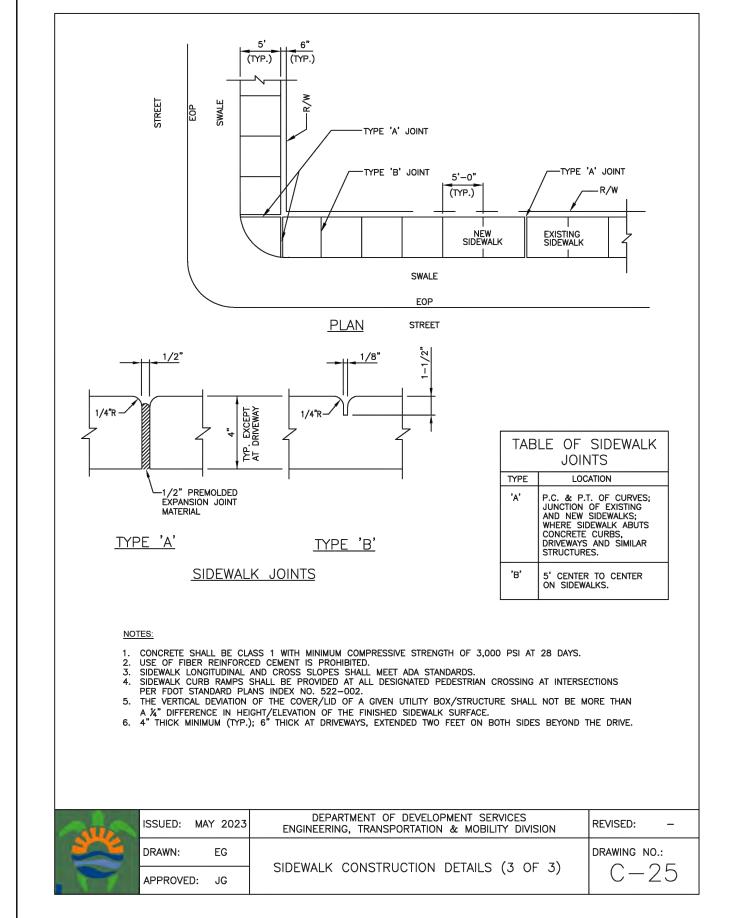
P.E.#:76036 DATE: 3/23/23

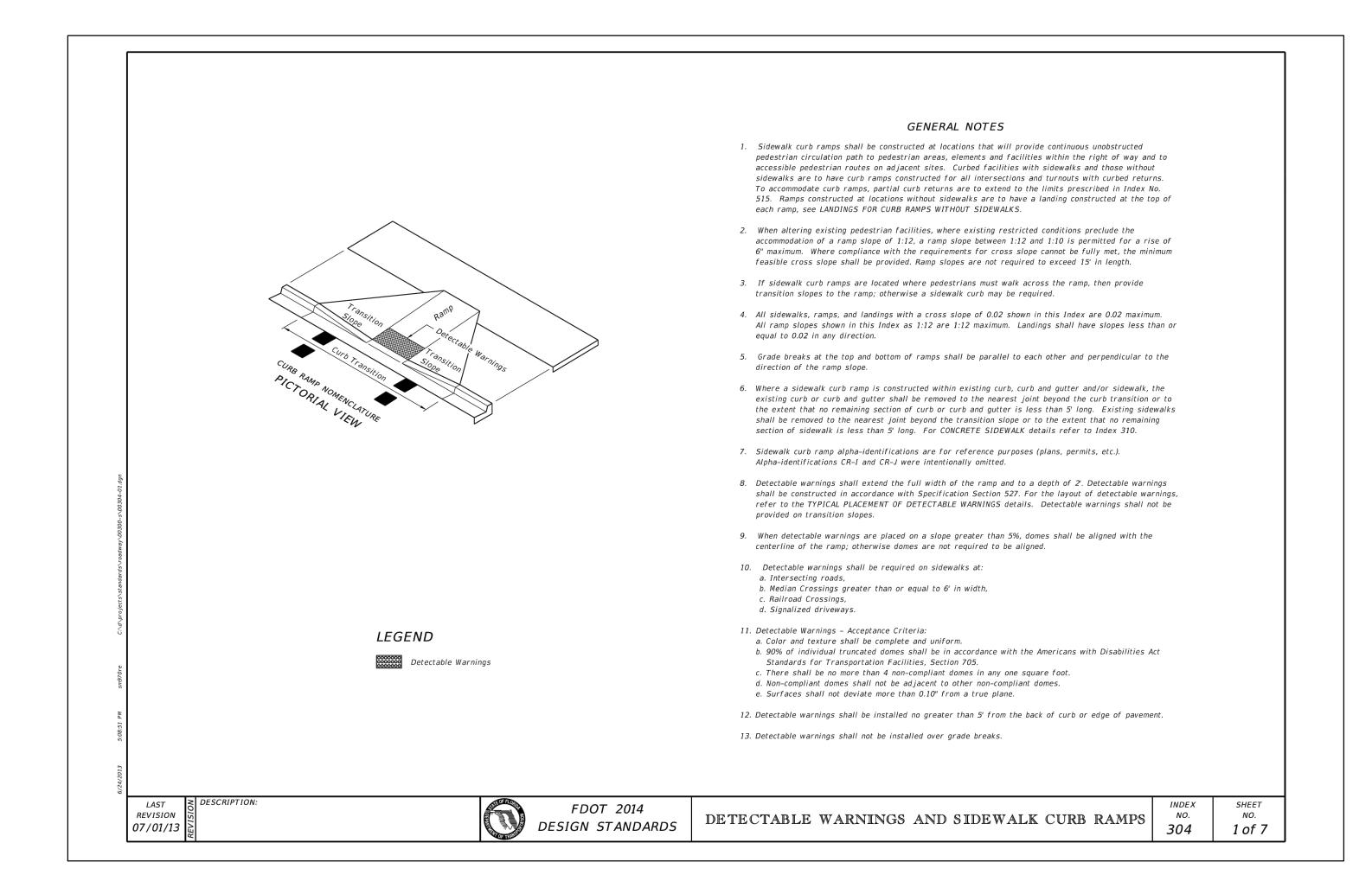
SHEET NO.:

PROJECT NO.: 23-10











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CIVIL DETAILS II SCALE: N.T.S.

6-30-23

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DATE: 3/23/23 SCALE: N.T.S.

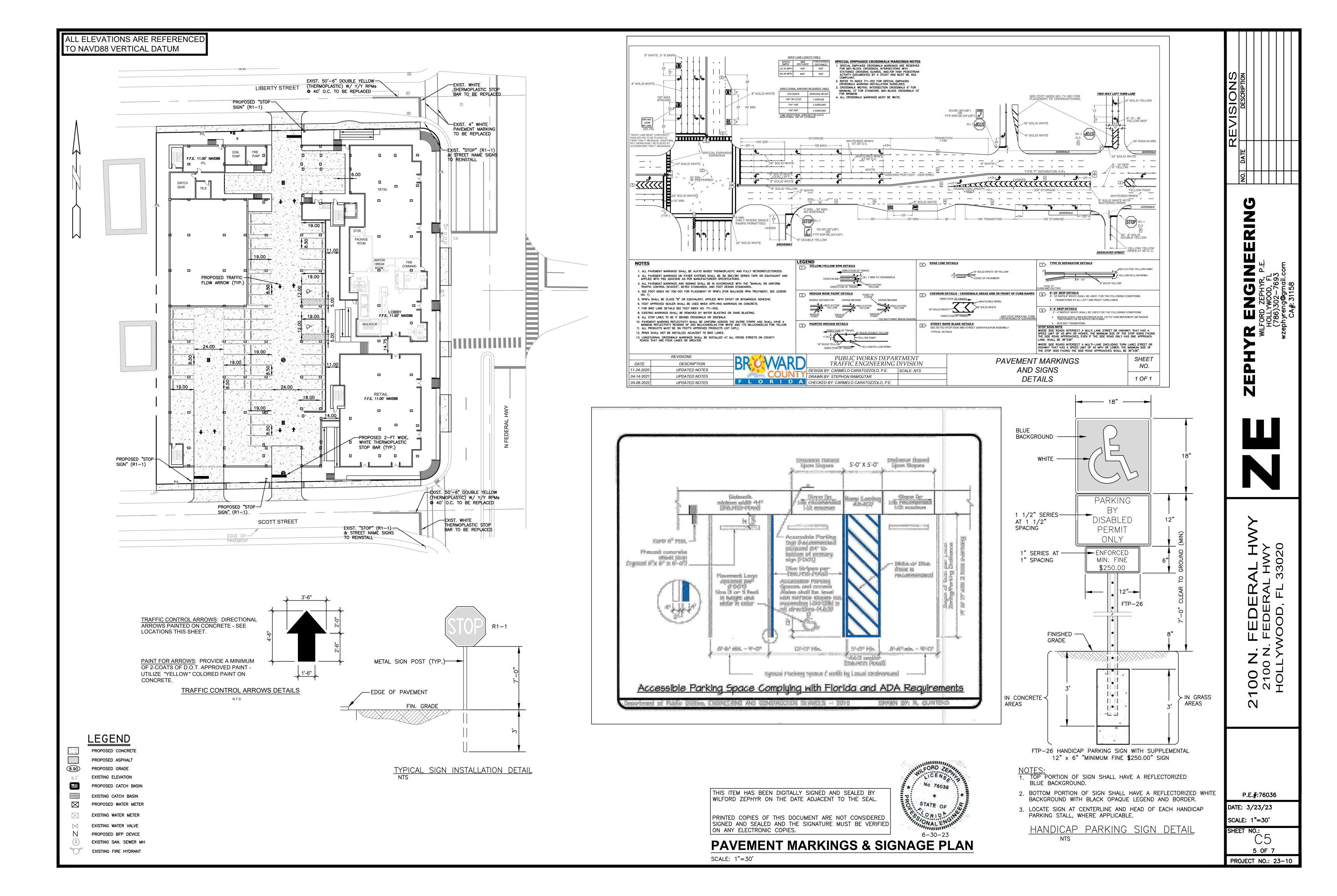
> 4 OF 7 PROJECT NO.: 23-10

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LEGEND

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PROPOSED CONCRETE PROPOSED ASPHALT

PROPOSED GRADE

EXISTING ELEVATION

PROPOSED CATCH BASIN

EXISTING CATCH BASIN

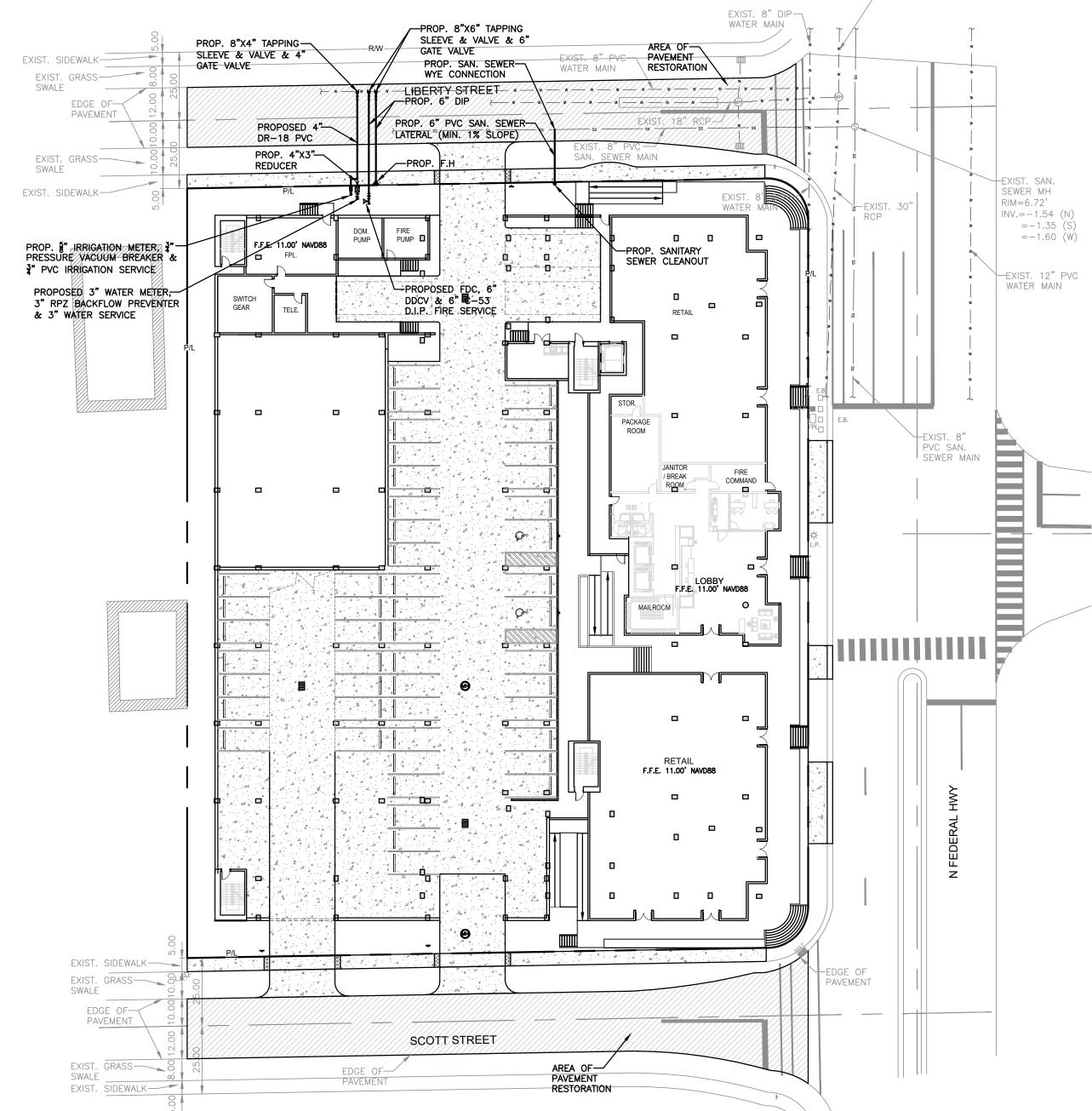
PROPOSED WATER METER

EXISTING WATER METER

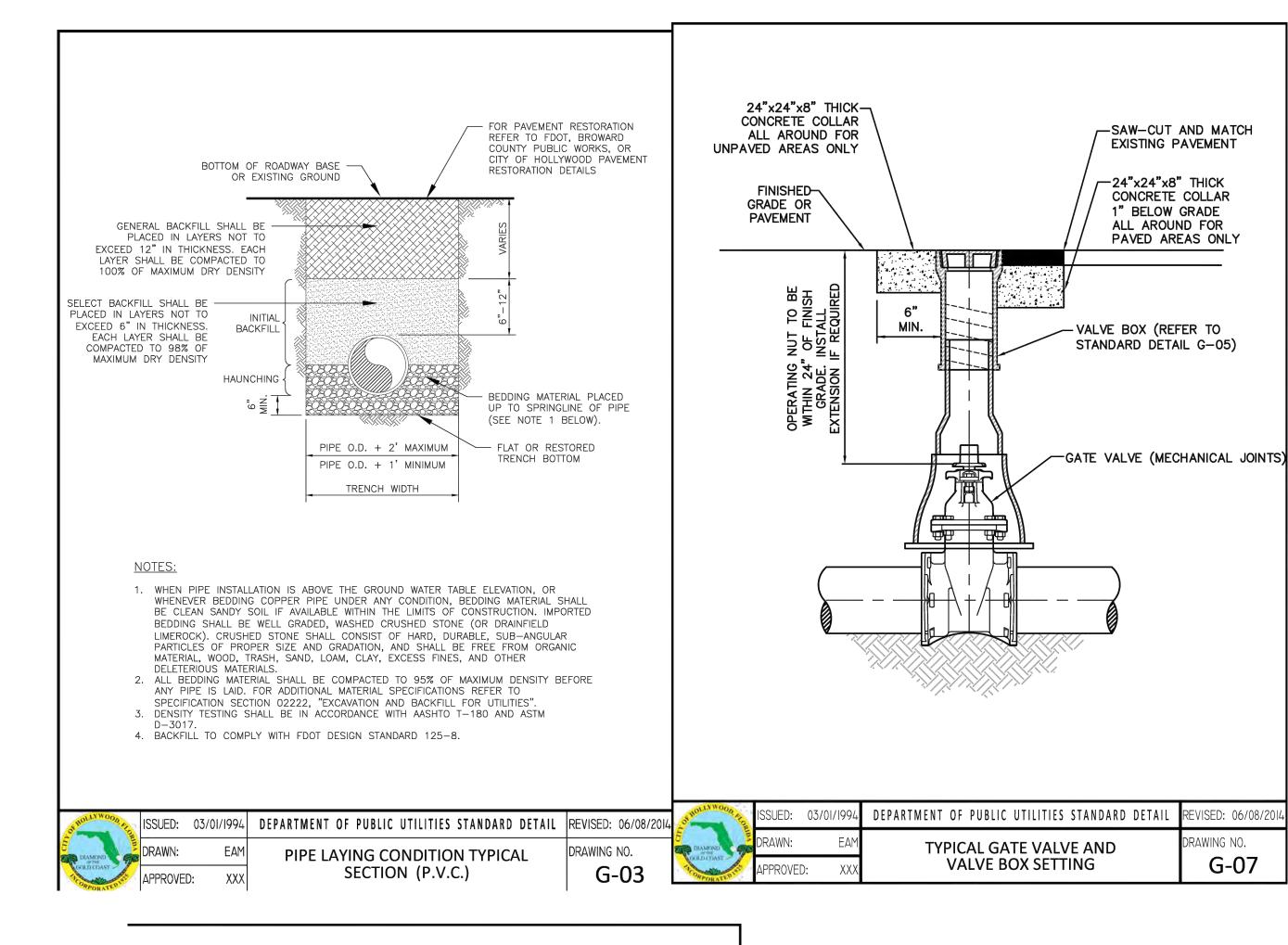
EXISTING WATER VALVE PROPOSED BFP DEVICE

EXISTING SAN. SEWER MH

EXISTING FIRE HYDRANT



_EXIST. 30" RCP



FLEXIBLE PAVEMENT RESTORATION NOTES:

- 1. THE ABOVE DETAILS APPLY ONLY TO ASPHALT PAVEMENT RESTORATION OVER UTILITY TRENCHES CUT WITHIN CITY OF HOLLYWOOD RIGHTS-OF-WAY. FOR PAVEMENT RESTORATION WITHIN BROWARD COUNTY OR FDOT RIGHTS-OF-WAY REFER TO THE CORRESPONDING DETAILS FOR THOSE AGENCIES.
- 2. LIMEROCK BASE MATERIAL SHALL HAVE A MINIMUM L.B.R. OF 100 AND A MINIMUM CARBONATE CONTENT OF 70%. REPLACED BASE MATERIAL OVER TRENCH SHALL BE A MINIMUM OF 12" THICK".
- 3. LIMEROCK BASE MATERIAL SHALL BE PLACED IN 12" MAXIMUM (LOOSE MEASUREMENT) THICKNESS LAYERS WITH EACH LAYER THOROUGHLY ROLLED OR TAMPED AND COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T-180, PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
- 4. STABILIZED SUBGRADE MATERIAL SHALL BE GRANULAR AND SHALL HAVE A MINIMUM L.B.R. OF 40.
- 5. BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PIPE LAYING CONDITION TYPICAL SECTIONS IN DETAILS G-02 AND G-03, AND THE SPECIFICATIONS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
- 6. ALL EDGES AND JOINTS OF EXISTING ASPHALT PAVEMENT SHALL BE SAW CUT TO STRAIGHT LINES, PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO THE RESURFACING.
- 7. RESURFACING MATERIAL SHALL BE FDOT SUPERPAVE, AND SHALL BE APPLIED A MINIMUM OF TWO INCH IN THICKNESS.
- 8. MILL AND BUTT JOINT TO EXISTING PAVEMENT.
- 9. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.
- 10. REFER TO SPECIFICATIONS FOR DETAILED PROCEDURES.
- 11. WHERE THE UTILITY TRENCH CROSSES EXISTING ASPHALT DRIVEWAYS, THE LIMEROCK BASE THICKNESS MAY BE A MINIMUM OF 6 INCHES THICK. REGARDLESS OF THE EXTENT OF IMPACT, THE ENTIRE DRIVEWAY SURFACE BETWEEN THE EDGE OF THE ROADWAY PAVEMENT AND PROPERTY LINE OR FRONT OF SIDEWALK SHALL BE OVERLAID USING 2-INCH THICK MINIMUM ASPHALTIC CONCRETE SURFACE COURSE WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE CITY/ENGINEER.

				No 760
SSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017	ONALE
RAWN:	EAM	FLEXIBLE PAVEMENT RESTORATION	DRAWING NO.	6–30–
PPROVED:	: XXX	NOTES	G-12	

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WATER & SEWER PLAN & DETAILS

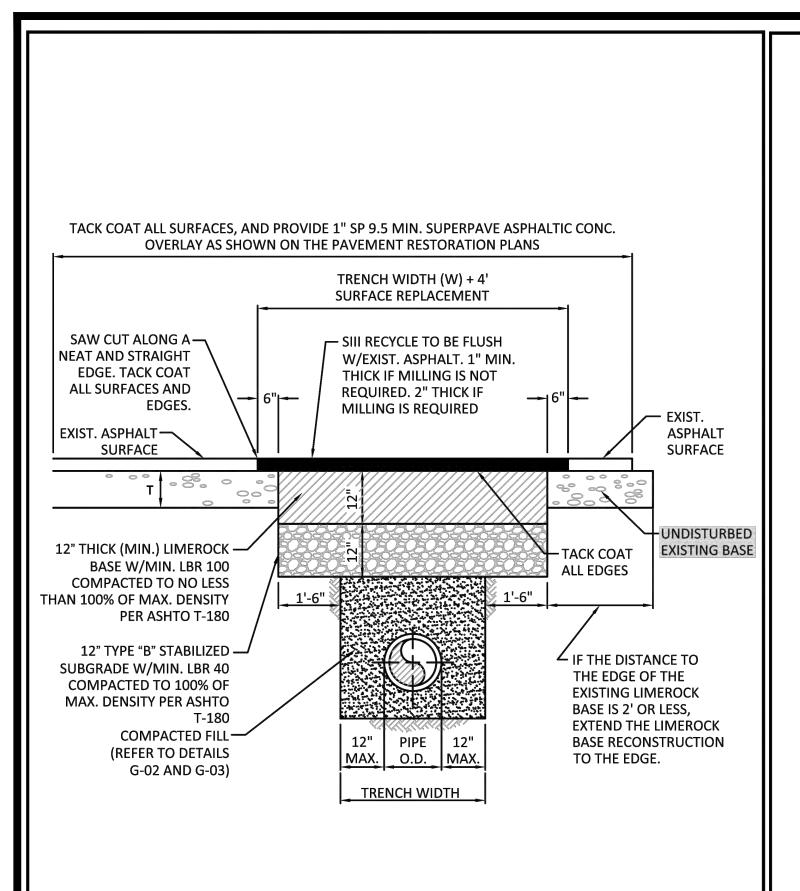
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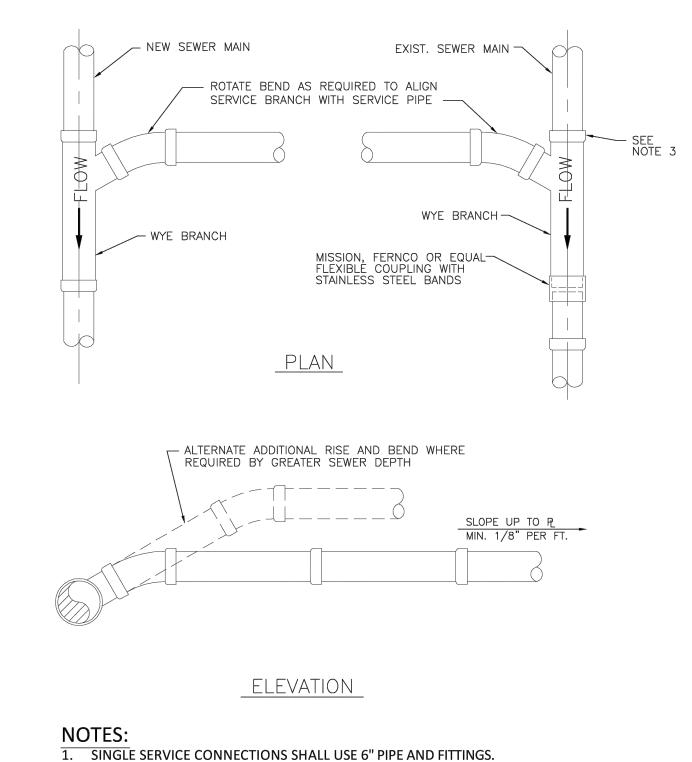
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P.E.#:76036 DATE: 3/23/23 SCALE: N.T.S.

6 OF 7

PROJECT NO.: 23-10





2. USE RISER CONNECTIONS WHERE INVERT OF SEWER IS GREATER THAN 7'-0" DEEP. 3. WHERE BELL OF WYE AND SPIGOT OF EXISTING MAIN ARE NOT COMPATIBLE, USE A

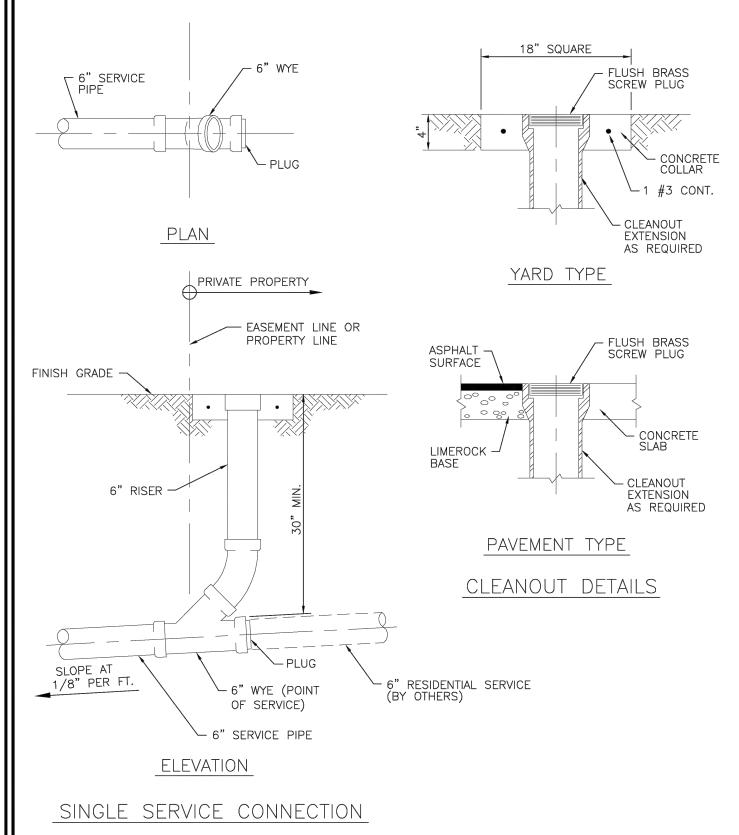
ISSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/20

WYE BRANCH CONNECTION

DRAWING NO.

SECOND FLEXIBLE COUPLING.

APPROVED:



SSUED: 03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/201

SEWER SERVICE CONNECTION AND

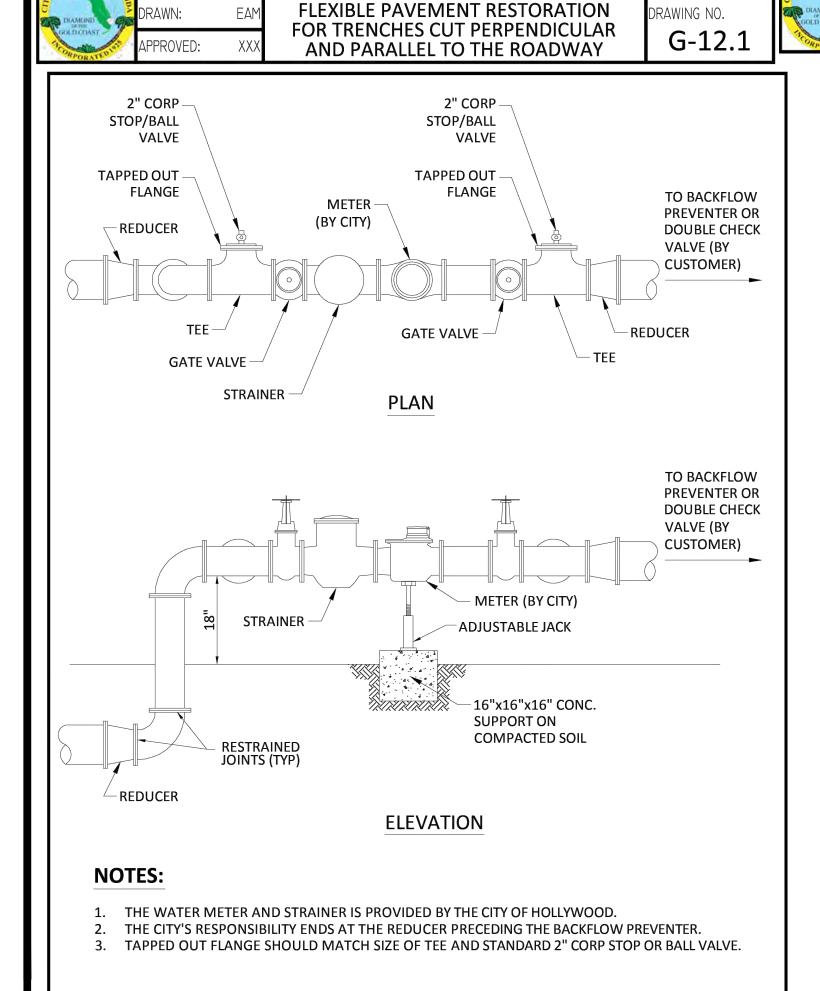
CLEANOUT AT PROPERTY LINE

DRAWING NO.

S-12

VARIES							
6			$\overline{}$		ç	MIN.	3
0	NOTE 4	ARD POST (SEE 4 BELOW AND L ON SHEET W-03)		30" MIN.	_ 		\bigcirc
		_	PLA	<u>.N</u>			
12 3A 5 14 13 10 11 4 7 6 4 7 6 4 AROUND)							
FLOW SUPPORT ELEVATION SUPPORT 9 FLOW 9							
			MATERI	IALS			
ITEM	QTY.	DESCRIPTION		ITEM	QTY.	DESCRIPTION	
1	1	4",6",8" VALVE,D0	OUBLE CHECK	8	N/A	PLASTIC LINER/WEED STO	OP (5 MILS)
2	4	4",6",8" BEND-90°		9	4	RESTRAINED JOINTS	
3	2	4",6",8" D.I.P. SPC		10	1	LOW FLOW METER	
3A	1		OOL PIECE(24" LONG)	11	1	VALVE, BYPASS DOUBLE	CHECK
4	10	4",6",8" FLANGE,		12	1	4", 6", 8" TEE	12122211028
5	2	4",6",8" GATE VA		13	1	4", 6" 8" BUTTERFLY VAL CLOSED), CHAINED AND	,
7	1 N/A	SCREW JACK/ANC PEA GRAVEL (4" D		14	1	4", 6", 8" CAP	LUCKED
NOTES	-	PEA GRAVEL (4 D	/EEP)	14		4,0,8 CAP	
 FIELD ADJUST AND CUT ITEM 3 TO THE PROPER LENGTH. ALL PIPING SHALL BE D.I.P. CL 50/52 AS APPLICABLE TO MINIMUM STANDARDS. ALL LOW FLOW METER PIPING SHALL BE BRASS OR COPPER. PROTECTIVE 4" GALV. GUARD POSTS SHALL BE SPACED EVENLY APART AS SHOWN ABOVE OR IN ACCORDANCE WITH INSPECTOR'S DIRECTIONS. MAY USE 45° BENDS (SEE DETAIL W-05) WHEN WORKING AREA IS NOT LIMITED, AS DIRECTED BY CITY. GATE VALVES SHALL BE CHAINED AND LOCKED TOGETHER TO PREVENT TAMPERING 							
HOLLYWOOD	NSSU					ES STANDARD DETAIL	REVISED: 06/08/20
DIAMOND OF THE GOLD COAST	DRAN	.WN: EAM				OOUBLE CHECK SINKLER SERVICE	DRAWING NO.

W/B.V. CONNECTION (90° BENDS)



03/01/1994 DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/201

TYPICAL METER 3" DIAMETER

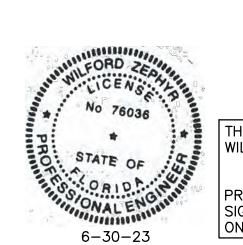
AND LARGER

DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL

REVISED: II/06/20

DRAWING NO.

W-11



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WATER & SEWER DETAILS

SCALE: N.T.S.

7 OF 7

P.E.#:76036

DATE: 3/23/23 SCALE: N.T.S.

PROJECT NO.: 23-10



A Civil Engineering Firm
Tel: (786)302-7693 • Email: wilford@zephyrengineeringfl.com

June 30, 2023

Drainage Calculations for 2100 N. Federal Highway Hollywood, FL 33020

PEAK STAGES

STORM EVENT	PRE-DEVELOPMENT	POST-DEVELOPMENT
5 Year - 1 Hour	N/A	5.00' NAVD88
25 YEAR - 3 DAY	8.28' NAVD88	8.18' NAVD88
100 YEAR - 3 DAY	8.63' NAVD88	8.61' NAVD88

Prepared by:



Wilford Zephyr, P.E., LEED AP, CFM

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Project Name: 2100 N Federal Hwy Date: 06/30/23

Project Address: 2100 N Federal Hwy Designed by:

Hollywood, FL 33020 Wilford Zephyr, P.E.

ZE Project #: 23-10

Post Development

All Elevations are referenced to NAVD88 vertical datum

Site Data

Project Area: 1.48 AC
Pavement Area: 0.86 AC
Building Area: 0.51 AC
Grass Area (Pervious): 0.11 AC
Lake Area: 0 AC

Total Pervious Area: 0.11 AC 7.43% Total Impervious Area: 1.37 AC 92.57%

Design Parameters

Water Table Elevation: 1.50 ft
Exist. Crown of Road Elev.: 7.05 ft
Average Finished Grades: 8.50 ft
Prop. Finished Floor Elev.: 11.00 ft

C Factor

Pervious: 0.6 Impervious: 0.9

C Factor (weighted) = 0.11 (0.60) + 0.86 (.90) = 0.87

0.97

Storm Event Information

3 year, 1 hour event: 2.5 inches (for retention/detention)

25 year, 24 hour event: 10.50 inches

25 year, 72 hour event: 14.27 inches (Finished Floor Elevation)

100 year, 24 hour event: 13 inches

100 year, 72 hour event: 17.67 inches (Finished Floor Elevation)

Soil Storage (S) & Curve Number (CN)

All Elevations are referenced to NAVD88

Cumulative Water Storage (CWS)

Design Water Table (WT) = 1.50 ft

Average Finished Grade = 8.50 ft

Average Depth to Water Table (DWT) = 7.00 ft

Cumulative Water Storage (CWS) = 6.75 IN (from table below)

Cumulative Soil Moisture Storage (flatwoods soil)

DWT	NAS	DAS
1.0 '	0.60 "	0.45 ''
2.0 '	2.50 "	1.88 ''
3.0 '	5.40 ''	4.05 ''
4.0 '	9.00 ''	6.75 ''

DWT=Depth to Water Table

NAS=Natural Available Storage

DAS=Developed Available Storage

Soil Storage (S in inches)

S = CWS X (percentage of total pervious area) =

0.50

Curve Number (CN)

CN = 1000/(S+10) =

95.22

Water Quality Retention/Detention & Pretreatment Calculations

- A. For a wet detention system, size system for highes ot first inch of runoff over the entire site or 2.5" times the % impervious area
- B. For a dry detention system, size system for 75% of the volume required for a wet detention system.
- C. For a retention system, size system for 50% of the volume required for a wet detention system.

1/2" Pretreatment

0.5" X 1.48 acres = 0.74 acre-inches (0.062 acre-ft)

1 IN Over Entire Site

1" X 1.48 acres = 1.48 acre-inches (0.123 acre-ft)

2.5 INCHES Times Percent Impervious

Total project area - roof area = 1.48 acres - 0.51 acres = 0.97 acres 0.97 acres - 0.11 acres (pervious area) = 0.86 acres 0.86 acres / 0.97 acres X 100% = 88.66% impervious 2.5" X 0.8866 = 2.22" to be treated 2.22" X 1.48 acres = 3.29 acre-inches (0.274 acre-feet)

0.274 acre-ft of storage required for water quality. Water quality storage provided in existing dry retention area and proposed exfiltration trench system.

Runoff (Q) & Runoff Volume (V) Calculations

All Elevations are referenced to NAVD88

 $Q = (P-0.2S)^2 / (P + 0.8S)$ V = Q X A (ft/12 in)

Q = direct runoff (inches)

P = rainfall (inches)

S = soil storage (inches)

A = site area (acre)

V = Runoff Volume (ac-ft)

Finished Floor Elevation

P_{1 day}= 100 year, 24 hour event: 13 (inches)

 $P_{3 day}$ = 100 year, 72 hour event: 17.67 (inches)

S= 0.50 (inches) A= 1.48 (acre)

Q = 17.08 (inches)

V = 2.11 (ac-ft)

Corresponding Stage = 8.61 ft

Set minimum finished floor elevation at 11.00' NAVD88.

Perimeter Control Elevation

P_{1 day}= 25 year, 24 hour event: 10.5 (inches)

P_{3 day}= 25 year, 72 hour event: 14.27 (inches)

S= 0.50 (inches) (see "Soil Storage" sheet

A= 1.48 (acre) for calculating "S")

Q = 13.68 (inches)

V = 1.69 (ac-ft)

Corresponding Stage = 8.18 ft

Runoff (Q) & Runoff Volume (V) Calculations

All Elevations are referenced to NAVD88

$$Q = (P-0.2S)^2/(P+0.8S)$$
 $V = Q X A (ft/12 in)$

Q = direct runoff (inches)

P = rainfall (inches)

S = soil storage (inches)

A = site area (acre)

V = Runoff Volume (ac-ft)

5 Year - 1 Hour (Lowest Catch Basin Elevation)

P= 5 year, 1 hour event: 3.28 (inches)

S= 0.50 (inches) A= 1.48 (acre)

Q = 2.75 (inches)

V = 0.34 (ac-ft)

Corresponding Stage = 5.00 ft

Set minimum lowest catch basin at elevation at 6.50' NAVD88.

Stage Storage

All Elevations are referenced to NAVD88

Total Surface Storage Area = 0.96 AC

(0.099 AC) (0.86 AC) (Lin. 6.25'-6.75') (Lin. from 6.50'-7.25') Surface Surface

Trench Storage Storage (Landscape) (Pavement) Total Stage Storage 6.00 ' 0.00 AC-FT 0.00 AC-FT 0.000 AC-FT 0.00 AC-FT 6.50 ' 0.01 AC-FT 0.00 AC-FT 0.404 AC-FT 0.42 AC-FT 7.00 ' 0.05 AC-FT 0.22 AC-FT 0.404 AC-FT 0.67 AC-FT 7.50 ' 0.10 AC-FT 0.54 AC-FT 0.404 AC-FT 1.04 AC-FT 8.00 ' 0.15 AC-FT 0.97 AC-FT 0.404 AC-FT 1.52 AC-FT 8.50 ' 0.20 AC-FT 0.404 AC-FT 2.00 AC-FT 1.40 AC-FT 9.00 ' 0.25 AC-FT 1.83 AC-FT 0.404 AC-FT 2.48 AC-FT

^{*}total landscape area=0.11 AC. 10% reduction applied (-0.011 AC) due to loss of stormwater storage from tree trunks.

Exfiltration Trench Length Calculation

All elevations are referenced to NAVD88 vertical datum.

Calculating H₂

Design Water Table (WT) = 1.50 ft
Lowest Catch Basin Elevation = 6.50 ft
Bottom of Exfiltration Trench = 1.00 ft
Top of Exfiltration Trench = 5.00 ft

 $EL_{inv.} = N/A$

 $H_2 = 5.00 \text{ ft}$

Calculating Exfiltration Trench Length

EL_{inv.} = invert elevation of lowest weir/bleeder allowing discharge from trench

L_R = length of trench required (ft)

L_P = length of trench provided (ft)

V_{exft.} = volume in exfiltration trench (ac-in)

FS = factor of safety

K =hydraulic conductivity (cfs/ft² - ft head)

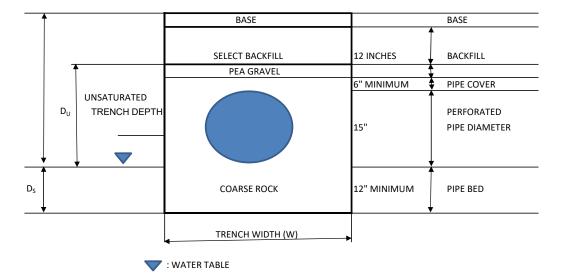
H₂ = head on saturated surface (ft)

W = trench width (ft)

D_U = unsaturated trench depth (ft)

D_s = saturated trench depth

$$\begin{split} L_R = & FS[(\%WQ)(V_{wq}) + V_{add}] \\ \hline K[H_2W + 2H_2D_U - D_U^2 + 2H_2D_S] + (1.39 \text{ X } 10^{-4})(WD_U) \\ V_{wq} = & 3.29 & (0.274 \text{ ac-ft}) \\ V_{add} = & 1.56 & (0.130 \text{ ac-ft}) \\ \%WQ = & 0.5 \\ FS = & 2 \\ K = & 0.000345 & average \\ H_2 = & 5 \\ W = & 8 \\ D_U = & 3.5 \\ D_S = & 0.5 \\ \\ L_R = & 235.09 \text{ } & \text{of exfiltration trench required.} \\ \end{split}$$



Project Name: 2100 N Federal Hwy Date: 06/30/23

Project Address: 2100 N Federal Hwy Designed by:

Hollywood, FL 33020 Wilford Zephyr, P.E.

ZE Project #: 23-10

Pre Development

All Elevations are referenced to NAVD88 vertical datum

Site Data

Project Area: 1.48 AC
Pavement Area: 1.12 AC
Building Area: 0.28 AC
Grass Area (Pervious): 0.08 AC
Lake Area: 0 AC

Total Pervious Area: 0.08 AC 5.41% Total Impervious Area: 1.4 AC 94.59%

Design Parameters

Water Table Elevation: 1.50 ft Exist. Crown of Road Elev.: 7.05 ft Average Finished Grades: 8.10 ft Prop. Finished Floor Elev.: 7.35 ft

C Factor

Pervious: 0.6 Impervious: 0.9

C Factor (weighted) = 0.08(0.60) + 1.12(.90) = 0.88

1.2

Storm Event Information

3 year, 1 hour event: 2.5 inches (for retention/detention)

25 year, 24 hour event: 10.50 inches

25 year, 72 hour event: 14.27 inches (Finished Floor Elevation)

100 year, 24 hour event: 13 inches

100 year, 72 hour event: 17.67 inches (Finished Floor Elevation)

Soil Storage (S) & Curve Number (CN)

All Elevations are referenced to NAVD88

Cumulative Water Storage (CWS)

Design Water Table (WT) = 1.50 ft

Average Finished Grade = 8.10 ft

Average Depth to Water Table (DWT) = 6.60 ft

Cumulative Water Storage (CWS) = 6.75 IN (from table below)

Cumulative Soil Moisture Storage (flatwoods soil)

DWT	NAS	DAS
1.0 '	0.60 "	0.45 ''
2.0 '	2.50 "	1.88 ''
3.0 '	5.40 ''	4.05 ''
4.0 '	9.00 ''	6.75 ''

DWT=Depth to Water Table

NAS=Natural Available Storage

DAS=Developed Available Storage

Soil Storage (S in inches)

S = CWS X (percentage of total pervious area) =

0.36

Curve Number (CN)

CN = 1000/(S+10) =

96.48

Runoff (Q) & Runoff Volume (V) Calculations

All Elevations are referenced to NAVD88

 $Q = (P-0.2S)^2 / (P + 0.8S)$ V = Q X A (ft/12 in)

Q = direct runoff (inches)

P = rainfall (inches)

S = soil storage (inches)

A = site area (acre)

V = Runoff Volume (ac-ft)

Finished Floor Elevation

P_{1 day}= 100 year, 24 hour event: 13 (inches)

P_{3 day} = 100 year, 72 hour event: 17.67 (inches)

S= 0.36 (inches) A= 1.48 (acre)

Q = 17.24 (inches)

V = 2.13 (ac-ft)

Corresponding Stage = 8.63 ft

Set minimum finished floor elevation at 11.00' NAVD88.

Perimeter Control Elevation

P_{1 day}= 25 year, 24 hour event: 10.5 (inches)

P_{3 day}= 25 year, 72 hour event: 14.27 (inches)

S= 0.36 (inches) (see "Soil Storage" sheet

A= 1.48 (acre) for calculating "S")

Q = 13.84 (inches) V = 1.71 (ac-ft)

Corresponding Stage = 8.28 ft

Stage Storage

All Elevations are referenced to NAVD88

Total Surface Storage Area = 1.19 AC

(0.072 AC) (1.12 AC) (Lin. 6.00'-6.75') (Lin. from 6.50'-7.25') Surface Surface

	Storage	Storage	Trench	
Stage	(Landscape)	(Pavement)	Storage	Total
6.00 '	0.00 AC-FT	0.00 AC-FT	0.000 AC-FT	0.00 AC-FT
6.50 '	0.02 AC-FT	0.00 AC-FT	0.000 AC-FT	0.02 AC-FT
7.00 '	0.05 AC-FT	0.28 AC-FT	0.000 AC-FT	0.33 AC-FT
7.50 '	0.08 AC-FT	0.70 AC-FT	0.000 AC-FT	0.78 AC-FT
8.00 '	0.12 AC-FT	1.26 AC-FT	0.000 AC-FT	1.38 AC-FT
8.50 '	0.15 AC-FT	1.82 AC-FT	0.000 AC-FT	1.97 AC-FT
9.00 '	0.19 AC-FT	2.38 AC-FT	0.000 AC-FT	2.57 AC-FT

^{*}total landscape area=0.08 AC. 10% reduction applied (-0.008 AC) due to loss of stormwater storage from tree trunks.

KBP CONSULTING, INC.

MEMORANDUM

To: Rick Mitinger, P.E.

From: Karl Peterson, P.E.

Date: April 8, 2023

Subject: 2100 N. Federal Highway

Traffic Impact Study Methodology

2100 N. Federal Highway is a proposed mixed-use development (residential and retail) to be located on the west side of N. Federal Highway (US 1) between Liberty Street and Scott Street in Hollywood, Broward County, Florida. The proposed development program consists of 202 multifamily dwelling units in a high-rise format (thirteen stories) and 10,911 square feet of retail space on the ground floor. Vehicular access to the site will be provided by two (2) driveways on Scott Street. The buildout year is projected to be 2026. A preliminary site plan is presented in Attachment A. The following is the traffic study methodology for this proposed development.

• The trip generation analysis will be based upon the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)*. A preliminary estimate of project traffic is presented below:

Table 1								
2100 N. Federal Highway								
Trip Generation Summary								
Hollywood, Florida								
	Daily AM Peak Hour Trips PM Peak Hour Trips							
Land Use	Size	Trips	In	Out	Total	In	Out	Total
Proposed)						
Residential - (MF - High Rise)	202 DU	917	19	36	55	36	29	65
Retail (<40k)	10,911 SF	594	16	10	26	36	36	72
Total:		1,511	35	46	81	72	65	137

Source: KBP Consulting, Inc., April 2023.

Institute of Transportation Engineers (ITE) Trip Generation Manual (11th Edition).

- The trip distribution will be based upon the existing nearby land uses, the prevailing traffic patterns within the study area, and transportation network in the vicinity of the project site.
- The subject traffic study will evaluate the following intersections during the typical AM and PM peak periods:

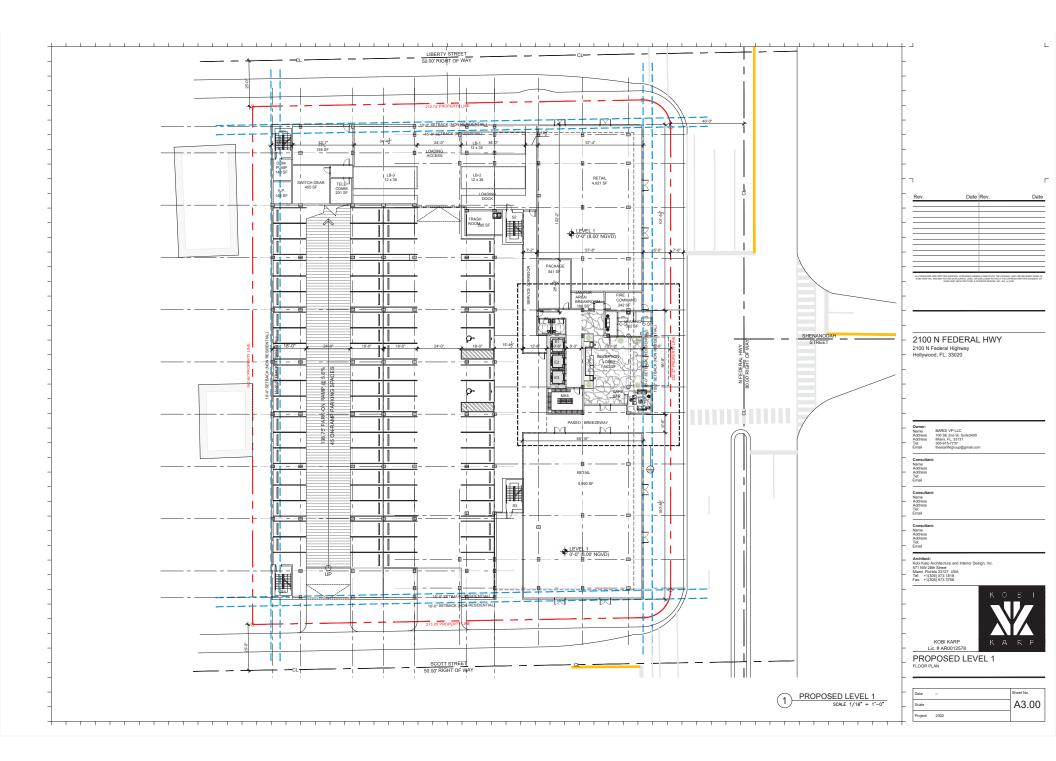
KBP CONSULTING. INC.

- o N. Federal Highway and Sheridan Street (signalized)
- o N. Federal Highway and Liberty Street (unsignalized)
- o N. Federal Highway and Shenandoah Street (signalized)
- o N. Federal Highway and Scott Street (unsignalized)
- o N. Federal Highway and Harding Street (signalized)
- o N. 19th Avenue and Liberty Street (unsignalized)
- o N. 19th Avenue and Scott Street (unsignalized)
- Scott Street and Future Driveway Locations

These intersection locations are presented graphically in Attachment B.

- Traffic counts will be performed at the study intersections on a typical weekday (while Broward County schools are in session) during the AM peak period (7:00 AM to 9:00 AM) and the PM peak period (4:00 PM to 6:00 PM).
- Traffic counts will be adjusted to reflect average peak season conditions based upon the most recent available FDOT adjustment factors.
- A growth factor will be applied to the traffic counts to reflect future traffic conditions at project build-out. The growth factor will be based upon historical traffic data available for the area near the project site. A minimum annual growth rate of 1.0% will be applied.
- Traffic analysis figures will be prepared for the following trip scenarios for each of the intersections analyzed:
 - o Existing traffic
 - o Proposed project traffic distribution
 - o Future background (w/out project traffic) conditions for buildout year
 - o Future total (with project traffic) conditions for buildout year
- Intersection analyses will be conducted using the Synchro software for existing conditions, future conditions without the project, and future conditions with the proposed project in place.
- All traffic data obtained and supporting traffic analysis information for this project will be included in the Appendix of the traffic study.

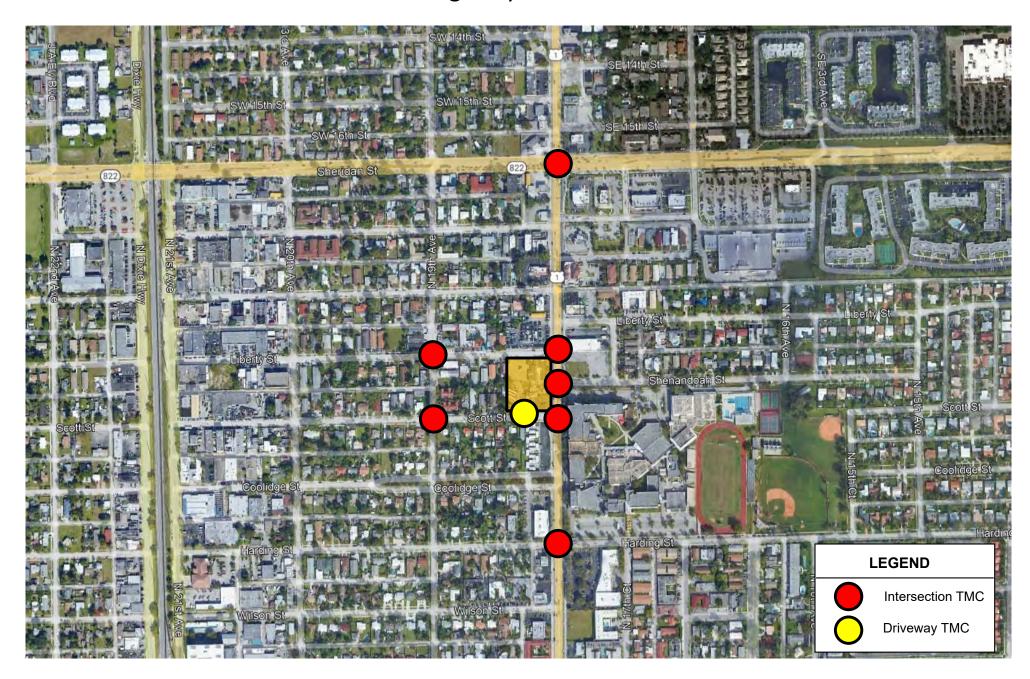
Attachment A Preliminary Site Plan



Attachment B Traffic Count Locations

Attachment B

2100 N. Federal Highway – Data Collection Sites





A Civil Engineering Firm
Tel: (786)302-7693 • Email: wilford@zephyrengineeringfl.com

June 30, 2023

FIRE FLOW CALCULATIONS New Mixed-Use Development

2100 N Federal Highway Hollywood, FL 33020

These calculations are for a ten-story building. The total area of the three (3) largest floors is 48,066 SF.

Fire Flow Area = 48,066 SF

Per NFPA 18.4, Fire Flow Requirements, the required fire flow for Type II (222) construction for the above-referenced fire flow area is 2,250 GPM.

Per NFPA 18.4.5.3.2, a reduction in required fire flow of 75% shall be permitted when the building is protected throughout by an approved automatic sprinkler system. The resulting fire flow may not be less than 1000 gpm.

(2,250 GPM)X0.75=1,687.5 GPM (fire flow credit for automatic sprinkler system)

(2,250 GPM) - (1,687.5 GPM) = 562.5 GPM

Per NFPA 18.4.5.3.2, The resulting fire flow may not be less than 1,000 GPM

Therefore, fire flow required=1,000 GPM

Prepared by:

No 76036

STATE OF
ONAL ENGINEERS
6-30-23

Wilford Zephyr, P.E., LEED AP, CFM

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Florida Department of Transportation

RON DESANTIS **GOVERNOR**

605 Suwannee Street Tallahassee, FL 32399-0450 June 7, 2023

JARED W. PERDUE, P.E. **SECRETARY**

THIS PRE-APPLICATION LETTER IS VALID UNTIL - June 7, 2024 THIS LETTER IS NOT A PERMIT APPROVAL

Wilford Zephyr Zephyr Engineering 5451 Pierce Street, Hollywood, FL 33021

RE: Pre-application Review for Category D Driveway, Pre-application Meeting Date: June 1, 2023

Broward County - Hollywood; SR 5; Sec. # 86010000; MP: 3.9; Access Class - 06; Posted Speed - 35; SIS - No; FDOT Ref. Project: 439991.1-Vandana Nagole-BIKE LANE/SIDEWALK

Request: Right-in/right-out access on the north side of Scott Street (side street).

SITE SPECIFIC INFORMATION

Project Name & Address: 2100 N Federal Hwy Mixed-Use – 2100 N Federal Highway Property Owner: Bardi VP LLC; Parcel Size: 1.48 Acres

Development Size: 10,911 SF of retail and 202 residential dwelling units.

REQUEST APPROVED/DISAPPROVED

This decision is based on your presentation of the facts, site plan and survey - please see the conditions and comments below. You may choose to review this concept further with the District Access Management Review Committee (AMRC).

- Close existing driveways located on the west side of SR 5 / N. Federal Highway.

Comments:

Anthony Beecher

- All driveways not approved in this letter must be fully removed and the area restored.
 A Drainage Permit is required for any stormwater impacts within FDOT right-of-way (i.e. increased runoff or reduction of existing storage).
 The applicant shall donate property to the Department if right-of-way dedication is required to implement the improvements.
- Dimensions between driveways are measured from the near edge of pavement to near edge of pavement and for median openings are measured from centerline to centerline unless otherwise indicated.

The purpose of this Pre-Application letter is to document the conceptual review of the approximate location of driveway(s) to the State Highway System and to note required improvements, if any. This letter shall be submitted with any further reviews and for permitting. The Department's personnel shall review permit plans for compliance with this letter as well as current Department standards and/or specifications. Final design must consider the existing roadway profile and any impacts to the existing drainage system. **Note, this letter**does not guarantee permit approval. The permit may be denied based on the review of the submitted engineering plans. Be aware that any approved median openings may be modified (or closed) in the future, at the sole discretion of the Department. For right-of-way dedication requirements go to: https://osp.fdot.gov; click on Statewide Permit News; Scroll down to District 4; Scroll down to Additional Information and Examples and choose Right-of-way Donations/Dedications.

Please contact the Access Management Manager - Tel. # 954-777-4363 or e-mail: D4AccessManagement@dot.state.fl.us with any questions

regarding the Pre-Approval Letter.

Sincerely,

Carina Harvey

District Access Management Manager

File: S:\Transportation Operations\Traffic Operations\Access Management\1. Pre-Apps and Variance\2023-06-01 & AMRC\Pre-App 04. 86010000 MP 3.9 SR 5_2100 N Federal Hwy Mixed-Use\86010000 MP 3.9 SR 5_2100 N Federal Hwy Mixed-Use.docx