

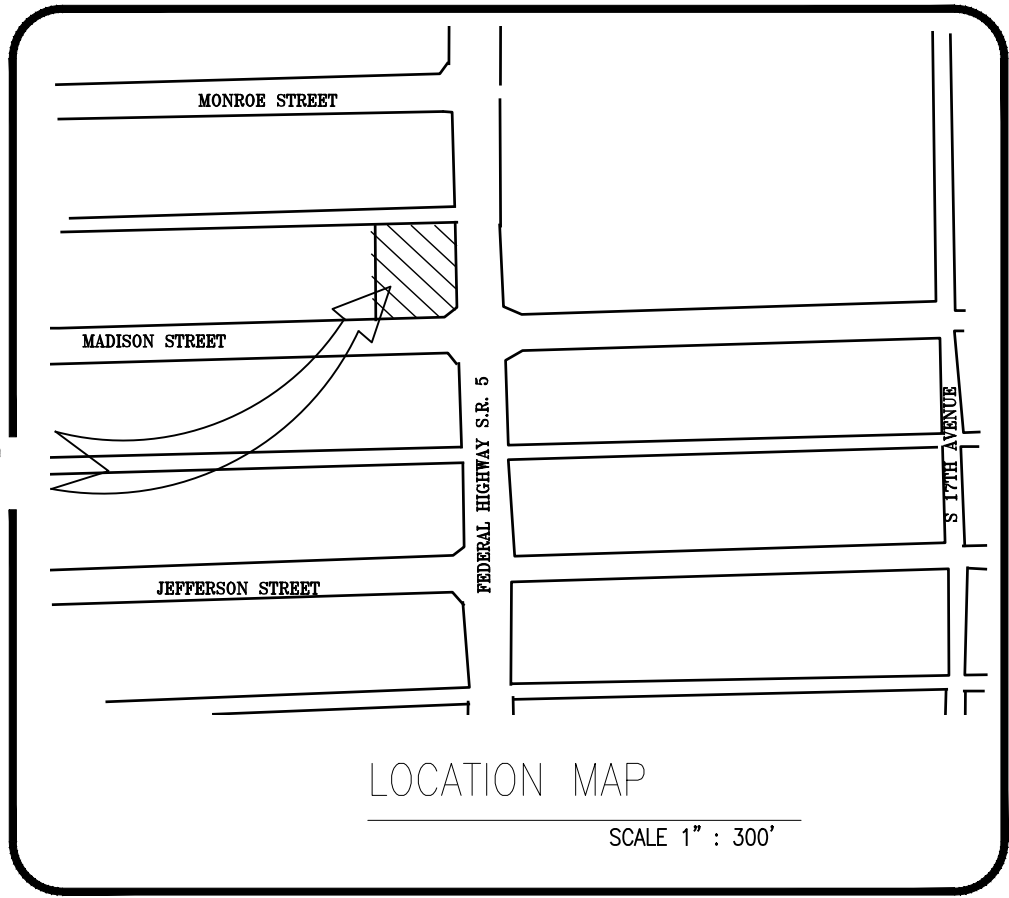
ATTACHMENT A
Application Package
Part II

ENGINEERING NOTES:

- IF DISCREPANCIES FOUND ON THESE PLANS ARE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS OR ANY OMISSIONS OR ERRORS THAT MIGHT PRODUCE DAMAGES DERIVED FROM THIS DESIGN, IT SHALL BE BROUGHT TO THE ENGINEER PRIOR TO BIDDING OR START OF ANY CONSTRUCTION.
- CONTRACTOR, PRIOR TO START OF ANY CONSTRUCTION, SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES ON THE FIELD WITH THE APPROPRIATE UTILITY COMPANY. IN THE EVENT THAT ANY ADJUSTMENT BE NECESSARY DUE TO A DISCREPANCY FOR UTILITY LOCATION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS BEFORE PROCEEDING. THE CONTRACTOR SHALL EXERT CARE AND CAUTION IN PROTECTING ALL UTILITIES DURING THE COMPLETION OF HIS WORK. IN THE EVENT OF ANY DAMAGE THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE APPROPRIATE UTILITY COMPANY. ANY AND ALL COSTS INCURRED DUE TO DAMAGE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. FORTY-EIGHT (48) HOURS BEFORE DIGGING CALL SUNSHINE, TOLL FREE 1-800-432-4770.
- EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. HE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. THE ENGINEER IS TO REVIEW THEM AND BE PAID.
- ALL INSPECTIONS WILL BE MADE BY THE ENGINEER OF RECORD AND BE PAID. CONTRACTOR SHALL NOTIFY 48 HOURS IN ADVANCE THE ENGINEER OF RECORDS FOR INSPECTION. THE ENGINEER SHOULD BE ABLE TO PROVIDE CERTIFICATION FOR CONSTRUCTION COMPLETION BASED ON VISUAL INSPECTIONS, IF REQUIRED.
- ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
- ALL FILL AND LIMEROCK BASE COURSE SHALL BE TESTED WITH DENSITY TESTS ACCORDING TO AASTHO SPECIFICATION T-180. COPIES OF RESULTS SHALL BE PROVIDED TO ENGINEER OF RECORDS PRIOR TO PLACING ASPHALT PAVEMENT.
- UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF AS-BUILT CONSTRUCTION DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW AS-BUILT.
- ALL AS-BUILT DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR.
- NO MODIFICATIONS TO THESE PLANS ARE ALLOWED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. NO AGENCY INSPECTOR, CONTRACTOR, NOR THE OWNER ARE AUTHORIZED TO UNILATERALLY MODIFY THESE PLANS.
- IT IS THE INTENT OF THE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- ALL DRIVING SURFACES MUST BE CONSTRUCTED ON AN EIGHT (8) INCH ROCK BASE THAT WILL PRODUCE A C.B.R. VALUE OF NO LESS THAN 25 WHEN COMPACTED TO A MINIMUM FIELD DENSITY OF 98% OF MAX. DENSITY AS DETERMINED BY AASTHO T-180. WITH REINFORCED CONCRETE SLAB. SEE STRUCTURAL PLANS FOR DETAILS.
- ALL DIMENSIONS IN THESE PLANS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- ALL WORK SHALL MEET CITY OF HOLLYWOOD PUBLIC WORK DEPARTMENT STANDARDS.
- WATER TABLE PER BROWARD COUNTY PLATE WC 2.2 IS 1.5 NAVD.
- ALL ELEVATIONS SHOWN ARE REFERRED TO NORTH AMERICAN VERTICAL DATUM 1988
- UNDERGROUND CONTRACTOR SHALL COMPLY WITH THE TRENCH SAFETY ACT HB 3183, FLORIDA STATUTES.
- ALL MUCK, PEAT, AND/OR CLAY WITH HIGH PERCENTAGE OF ORGANIC MATERIAL AND OR EXISTING UNSUITABLE FILL MATERIAL SHALL BE REMOVED FROM PROPOSED RIGHT OF WAY OR PROPOSED PAVEMENT AREAS IF ANY.
- ALL TOP FINISHED GRADES FOR EXISTING MANHOLES, VALVE LIDS AND SIMILAR UTILITIES STRUCTURES SHALL BE ADJUSTED TO NEW FINISHED GRADES, IF AFFECTED FOR NEW GRADING.
- THESE PLANS WERE PREPARED USING INFORMATION FROM SURVEY DONE BY NOSTER, LLC.
- FLOOD INSURANCE RATE MAP, ZONE 'X' NEW FLOOD PANEL 12011C0569H, MAP 08/18/2014.
- SHOWN INFORMATION FOR EXISTING UTILITIES AS IT WAS RECEIVED BY UTILITIES OWNERS UNDER CHAPTER 556, FLORIDA STATUTES.
- DRAINAGE PIPING HIGH DENSITY POLYETHYLENE SHALL CONFORM ASTM F477, AASHTO M294, M252 REQUIREMENTS.

PAVING, GRADING & DRAINAGE PLANS
FOR PARKSIDE VUE
1807-1809 MADISON ST. HOLLYWOOD, FL

THE PROJECT



NOTE:

ALL ELEVATIONS SHOWN HERE ON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM (1988)

LEGAL DESCRIPTION:

PARCEL 2:
LOT 13, IN BLOCK 36, OF TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, AT PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND
PARCEL 3:
LOT 14 AND 15, LESS THE EAST 15 FEET THEREOF, AND ALSO LESS SO MUCH THEREOF INCLUDED IN THE EXTERNAL AREA FORMED BY A 15 FOOT RADIUS ARC WHICH IS TANGENT TO THE SOUTH LINE TO ALINE WITCH IS 15 FEET WEST OF AND PARALLEL TO THE EAST LINE OF SAID LOT 15, IN BLOCK 36, OF TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, AT PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY FLORIDA



FOLIO # 51-4215-017-110

SEC. 15-51-42

INDEX:

CS-PD	COVER SHEET
PD-1	PAVING, GRADING & DRAINAGE PLAN
PD-2	MARKING & SIGNING-DRAINAGE DETAILS
PD-3	SEDIMENT & EROSION CONTROL PLAN
PD-4	PAVING & DRAINAGE DETAILS
PMS	PAVEMENT MARKINGS & SIGN PLANS AT SECOND & THIRD FLOORS

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MARVIN J. ABARCA
P.E. No. 49529

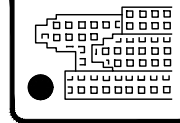
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REVISIONS

Δ CITY COMMENTS	08-14-23
Δ CITY COMMENTS	02-18-25

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PHONE: (786) 452-7313
marvin@abengineers.net



DRAWING NAME : COVER SHEET

PROJECT : PARKSIDE VUE

PREPARED FOR : JAVIER MARTIN

DESIGNED : MARVIN ABARCA

DRAWN : DISAICA LLC

SCALE : INDICATED

SHEET : 1

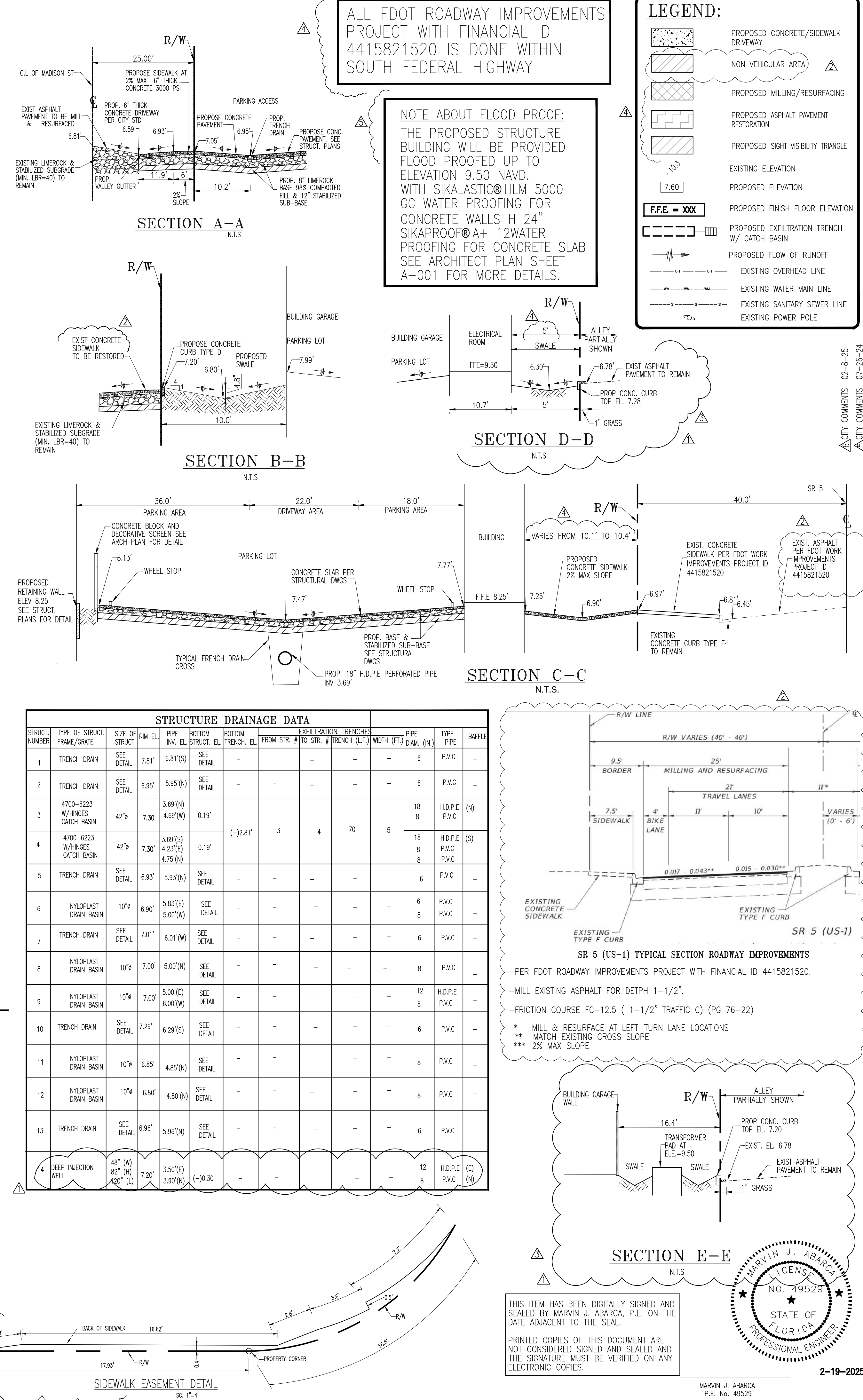
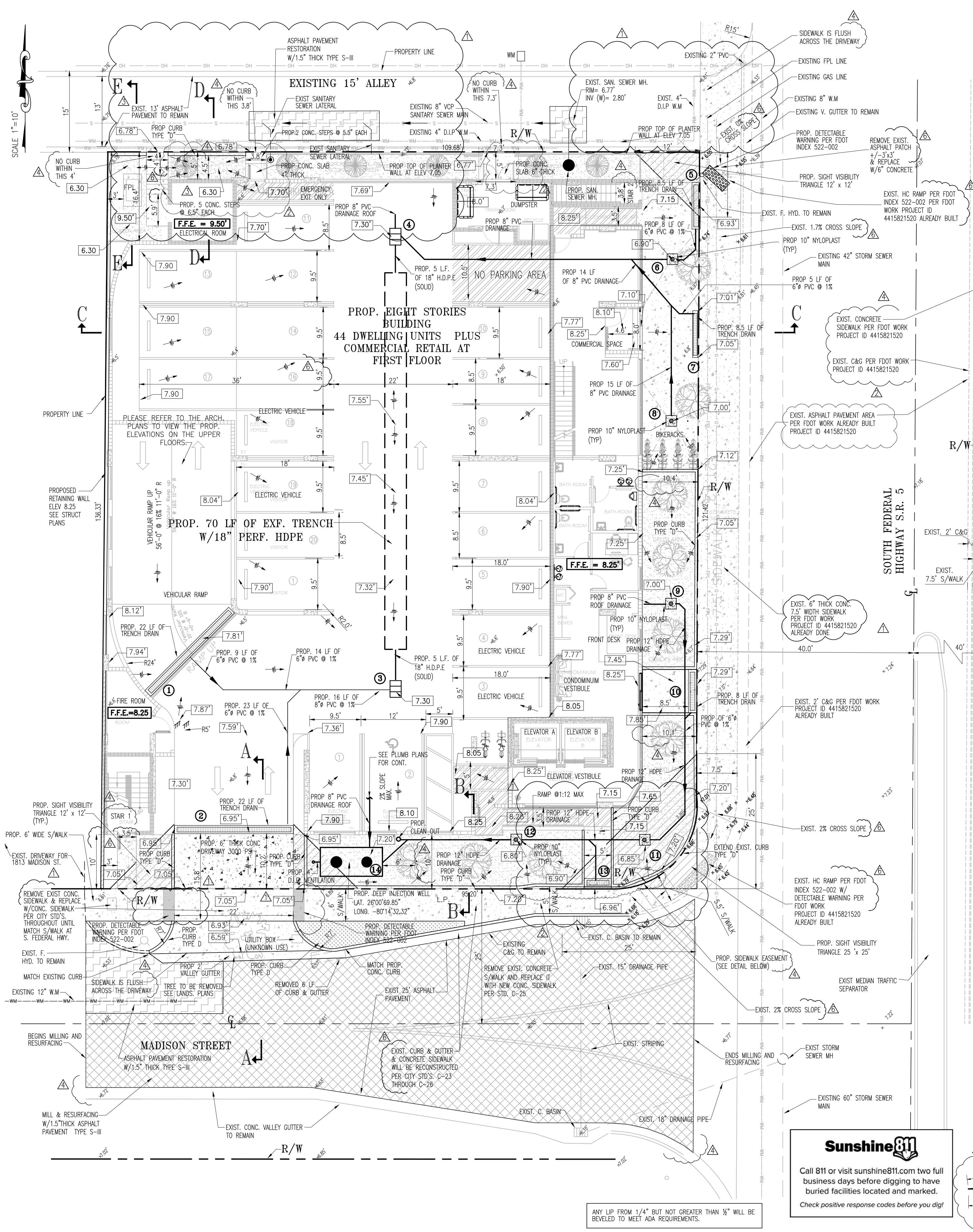
CS-PD

OF 5 SHEETS

DATE : 03-10-2023

PROJ. : P23-0309-04

2-19-2025



ALL FDOT ROADWAY IMPROVEMENTS PROJECT WITH FINANCIAL ID 4415821520 IS DONE WITHIN SOUTH FEDERAL HIGHWAY

NOTE ABOUT FLOOD PROOF: THE PROPOSED STRUCTURE BUILDING WILL BE PROVIDED FLOOD PROOFED UP TO ELEVATION 9.50 NAVD. WITH SIKALASTIC® HLM 5000 GC WATER PROOFING FOR CONCRETE WALLS H 24" SIKAPROOF® A+ 12WATER PROOFING FOR CONCRETE SLAB SEE ARCHITECT PLAN SHEET A-001 FOR MORE DETAILS.

LEGEND:

- PROPOSED CONCRETE/SIDEWALK DRIVEWAY
- NON VEHICULAR AREA
- PROPOSED MILLING/RESURFACING
- PROPOSED ASPHALT PAVEMENT RESTORATION
- PROPOSED SIGHT VISIBILITY TRIANGLE
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED FINISH FLOOR ELEVATION
- PROPOSED EXFILTRATION TRENCH W/ CATCH BASIN
- PROPOSED FLOW OF RUNOFF
- EXISTING OVERHEAD LINE
- EXISTING WATER MAIN LINE
- EXISTING SANITARY SEWER LINE
- EXISTING POWER POLE

FF.E. = XXX

STRUCTURE DRAINAGE DATA											
STRUCT. NUMBER	TYPE OF STRUCT. FRAME/GRATE	SIZE OF STRUCT.	INW EL.	PIPE INV. EL.	BOTTOM STRUCT. EL.	BOTTOM TRENCH EL.	EXFILTRATION TRENCHES FROM STR. # TO STR. #	TRENCH (L.F.)	WIDTH (FT.)	PIPE DIAM. (IN.)	TYPE PIPE
1	TRENCH DRAIN	SEE DETAIL	7.81'	6.81'(S)	SEE DETAIL	-	-	-	-	6	P.V.C.
2	TRENCH DRAIN	SEE DETAIL	6.95'	5.95'(N)	SEE DETAIL	-	-	-	-	6	P.V.C.
3	4700-6223 W/HINGES CATCH BASIN	42"ø	7.30'	3.69'(N)	0.19'	-	-	-	-	18	H.D.P.E. (N)
4	4700-6223 W/HINGES CATCH BASIN	42"ø	7.30'	3.69'(S)	0.19'	-	-	-	-	18	H.D.P.E. (S)
5	TRENCH DRAIN	SEE DETAIL	6.93'	5.93'(N)	SEE DETAIL	-	-	-	-	6	P.V.C.
6	NYLOPLAST DRAIN BASIN	10"ø	6.90'	5.83'(E)	5.00'(W)	SEE DETAIL	-	-	-	6	P.V.C.
7	TRENCH DRAIN	SEE DETAIL	7.01'	6.01'(N)	SEE DETAIL	-	-	-	-	6	P.V.C.
8	NYLOPLAST DRAIN BASIN	10"ø	7.00'	5.00'(N)	SEE DETAIL	-	-	-	-	8	P.V.C.
9	NYLOPLAST DRAIN BASIN	10"ø	7.00'	5.00'(E)	6.00'(W)	SEE DETAIL	-	-	-	12	H.D.P.E. P.V.C.
10	TRENCH DRAIN	SEE DETAIL	7.29'	6.29'(S)	SEE DETAIL	-	-	-	-	6	P.V.C.
11	NYLOPLAST DRAIN BASIN	10"ø	6.85'	4.85'(N)	SEE DETAIL	-	-	-	-	8	P.V.C.
12	NYLOPLAST DRAIN BASIN	10"ø	6.80'	4.80'(N)	SEE DETAIL	-	-	-	-	8	P.V.C.
13	TRENCH DRAIN	SEE DETAIL	6.96'	5.96'(N)	SEE DETAIL	-	-	-	-	6	P.V.C.
14	DEEP INJECTION WELL	48" (W) 82" (H) 420" (L)	7.20'	3.50'(E) 3.90'(N)	(-10.30)	-	-	-	-	12	H.D.P.E. (E) (N)

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REVISIONS

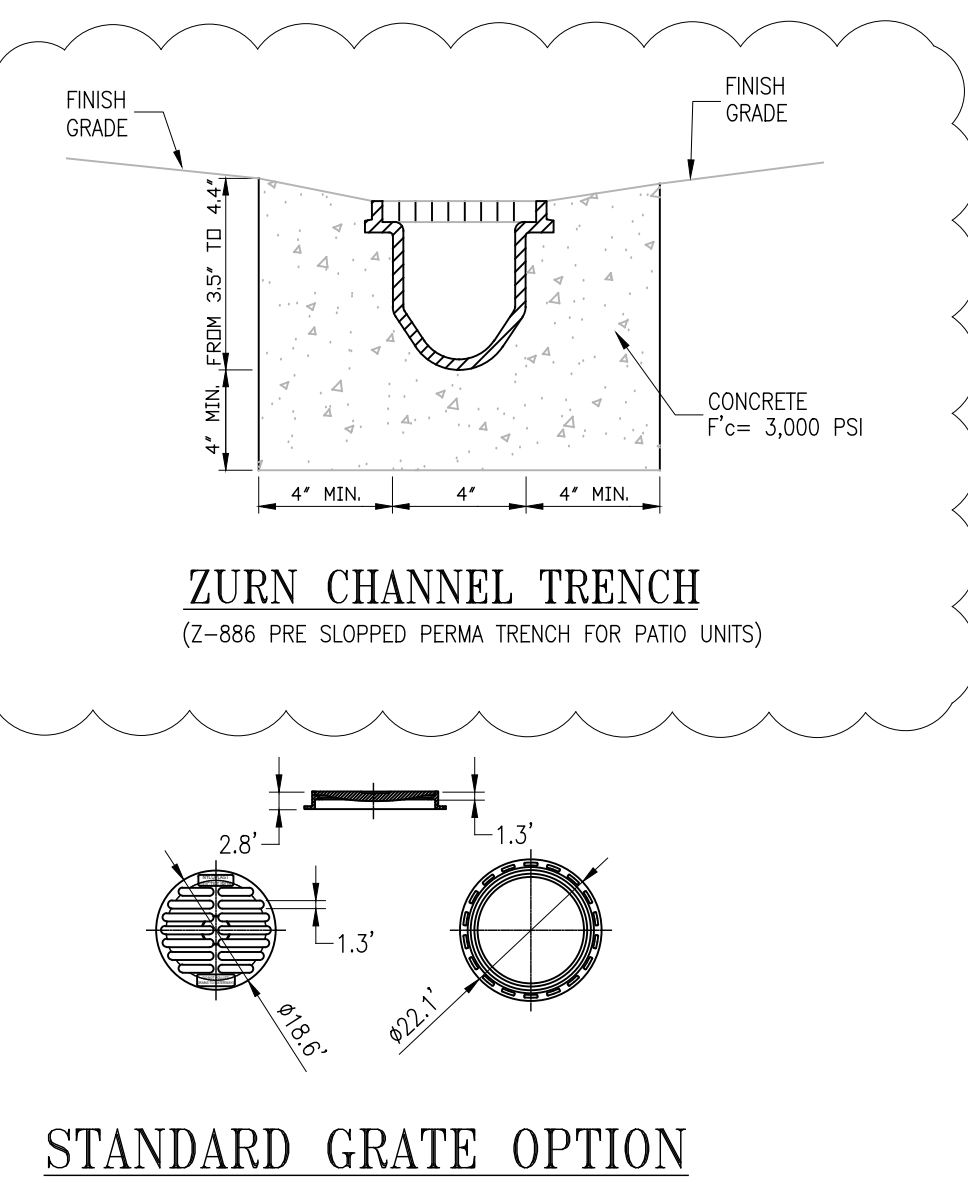
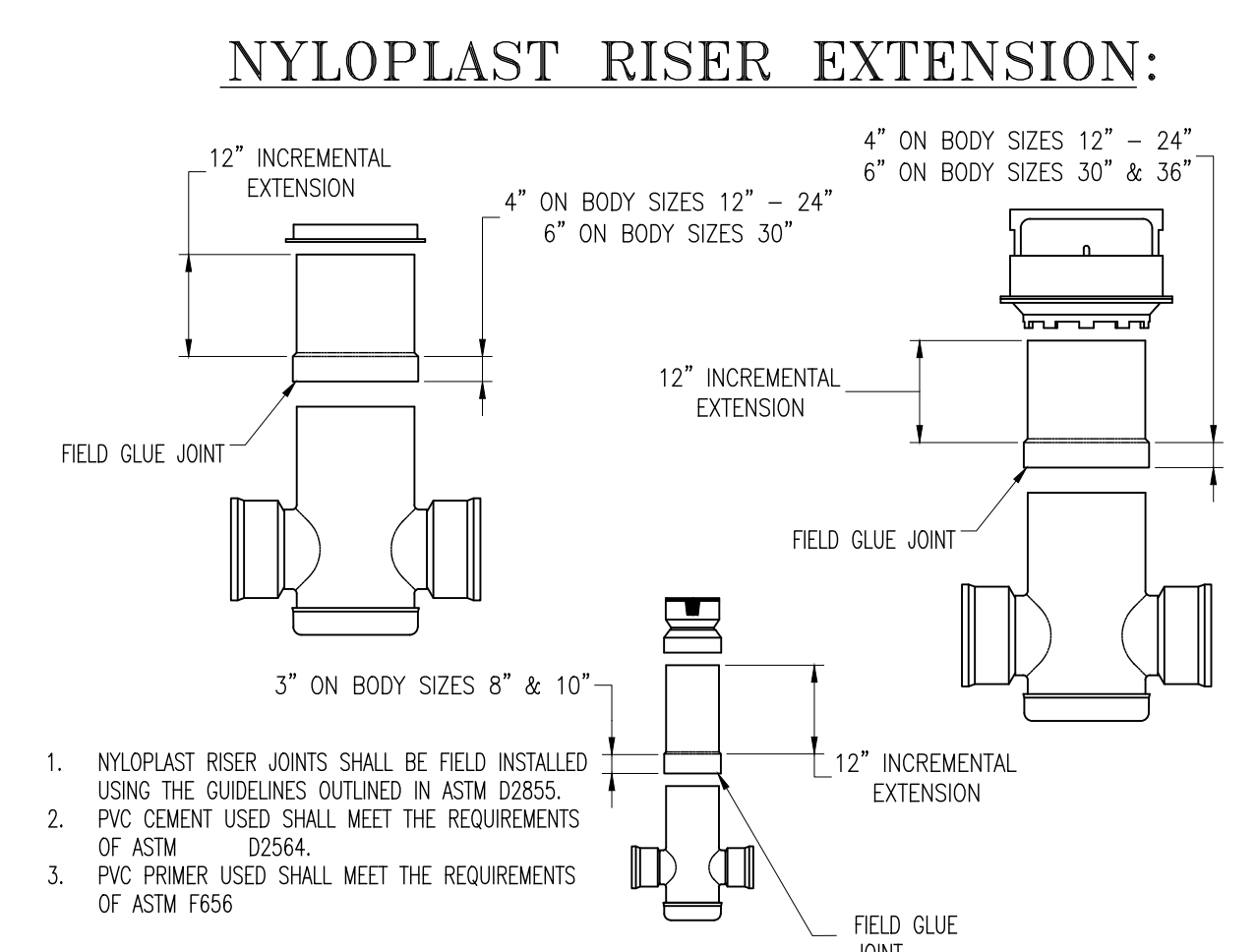
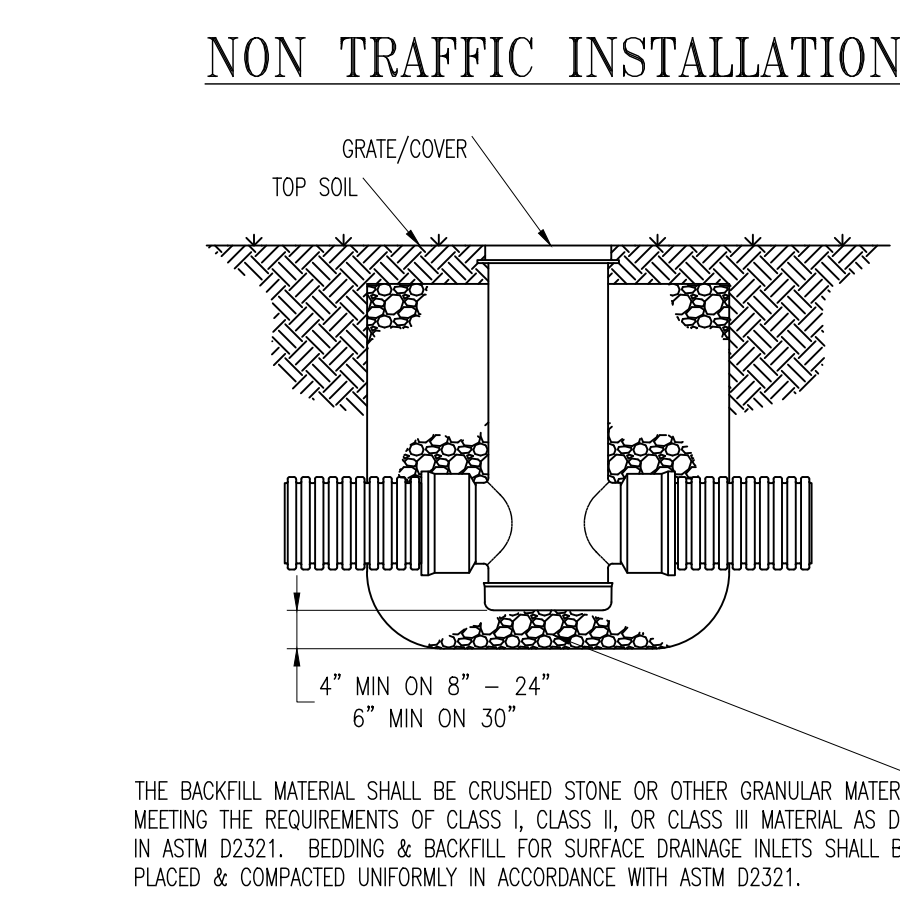
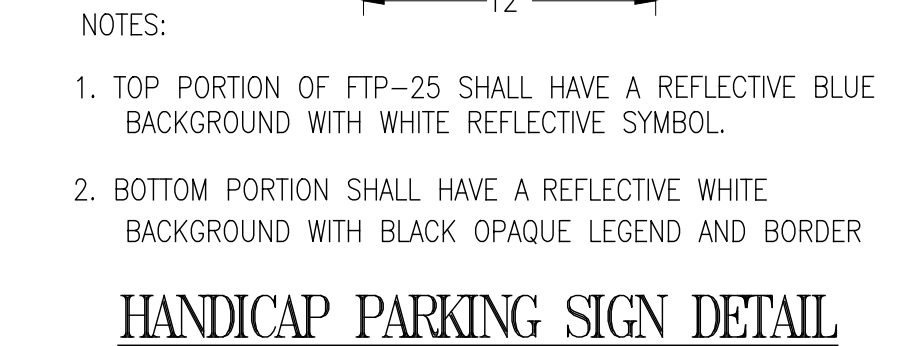
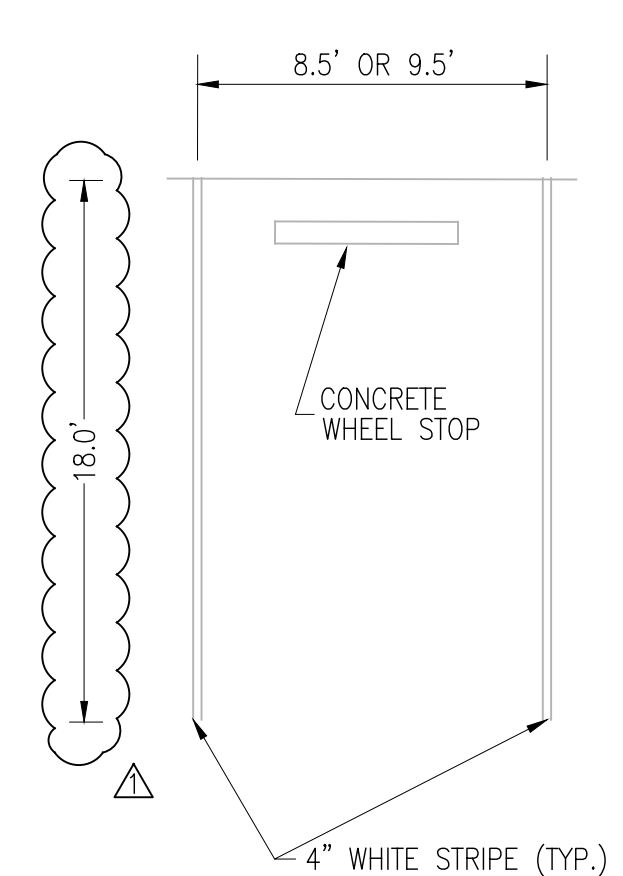
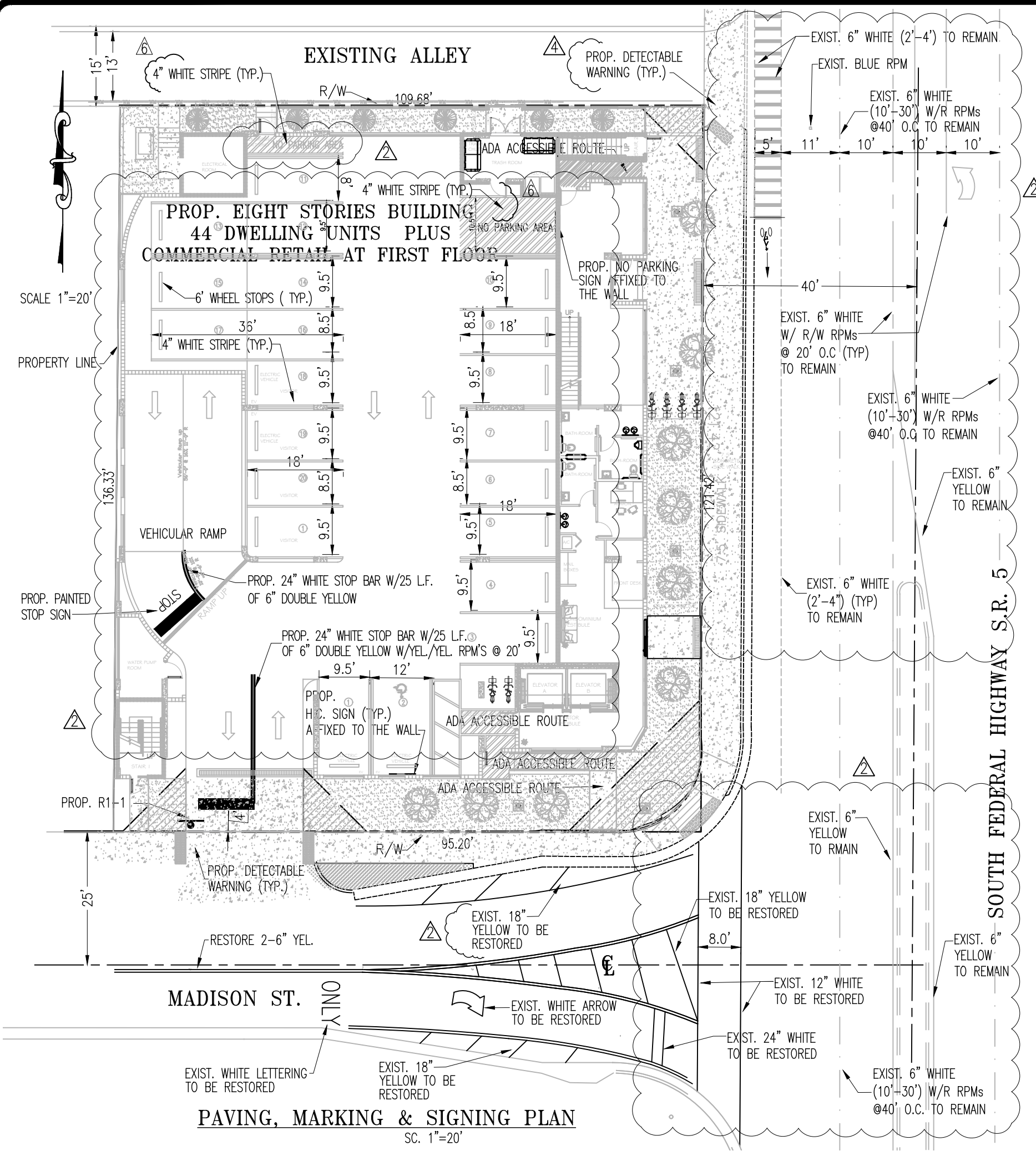
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2	CITY COMMENTS	01-22-24
3	CITY COMMENTS	03-30-24
4	CITY COMMENTS	06-10-24

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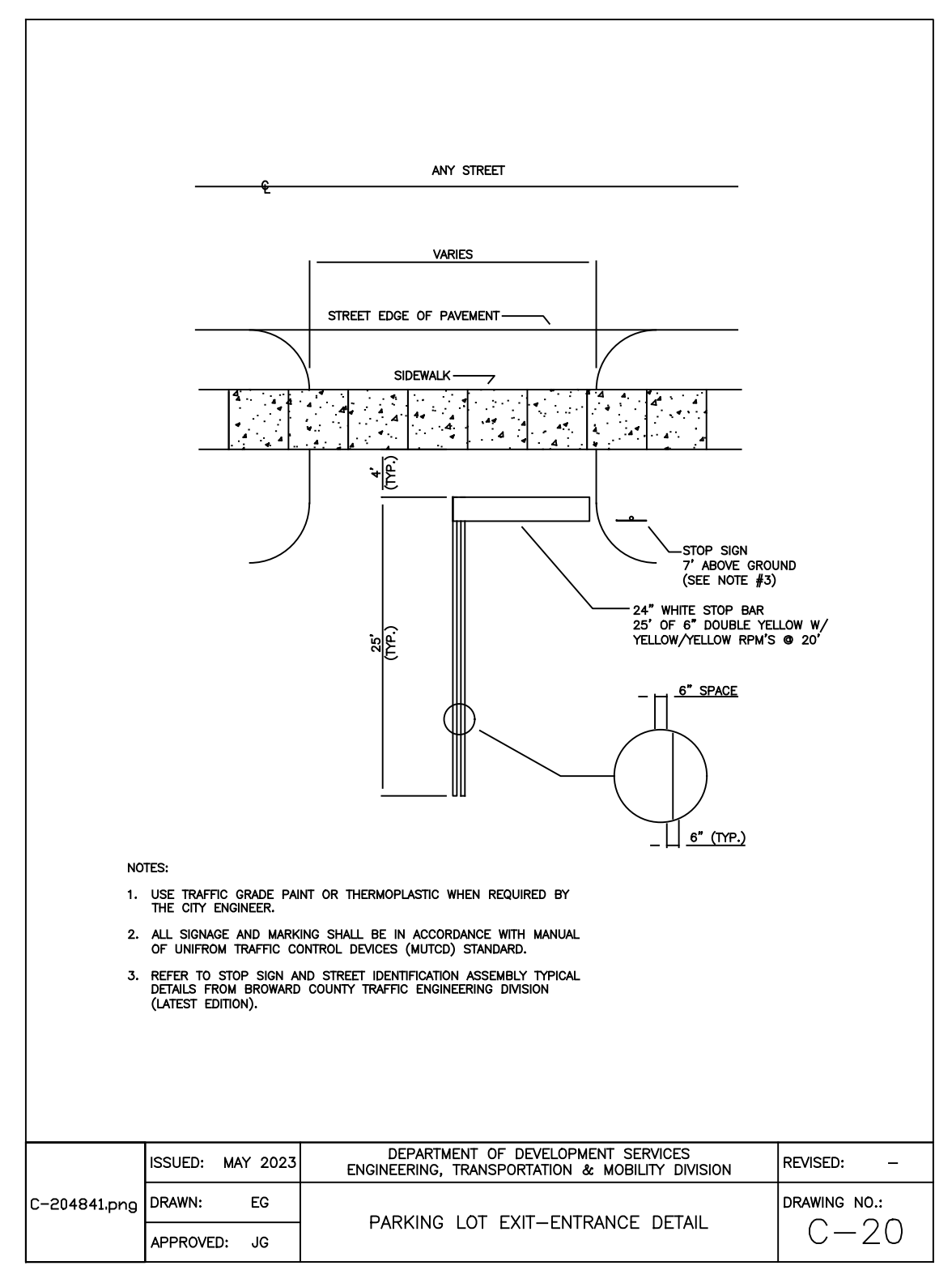
SITE ADDRESS: 1807-1809 MADISON STREET HOLYWOOD FL 33020

DESIGNED: M.A.
DRAWN: DISANCA LLC
SCALE: INDICATED
SHEET: 2
PD-1
OF 5 **SHEETS**
DATE: 03-16-2023
PROJ.: P23-0039-04

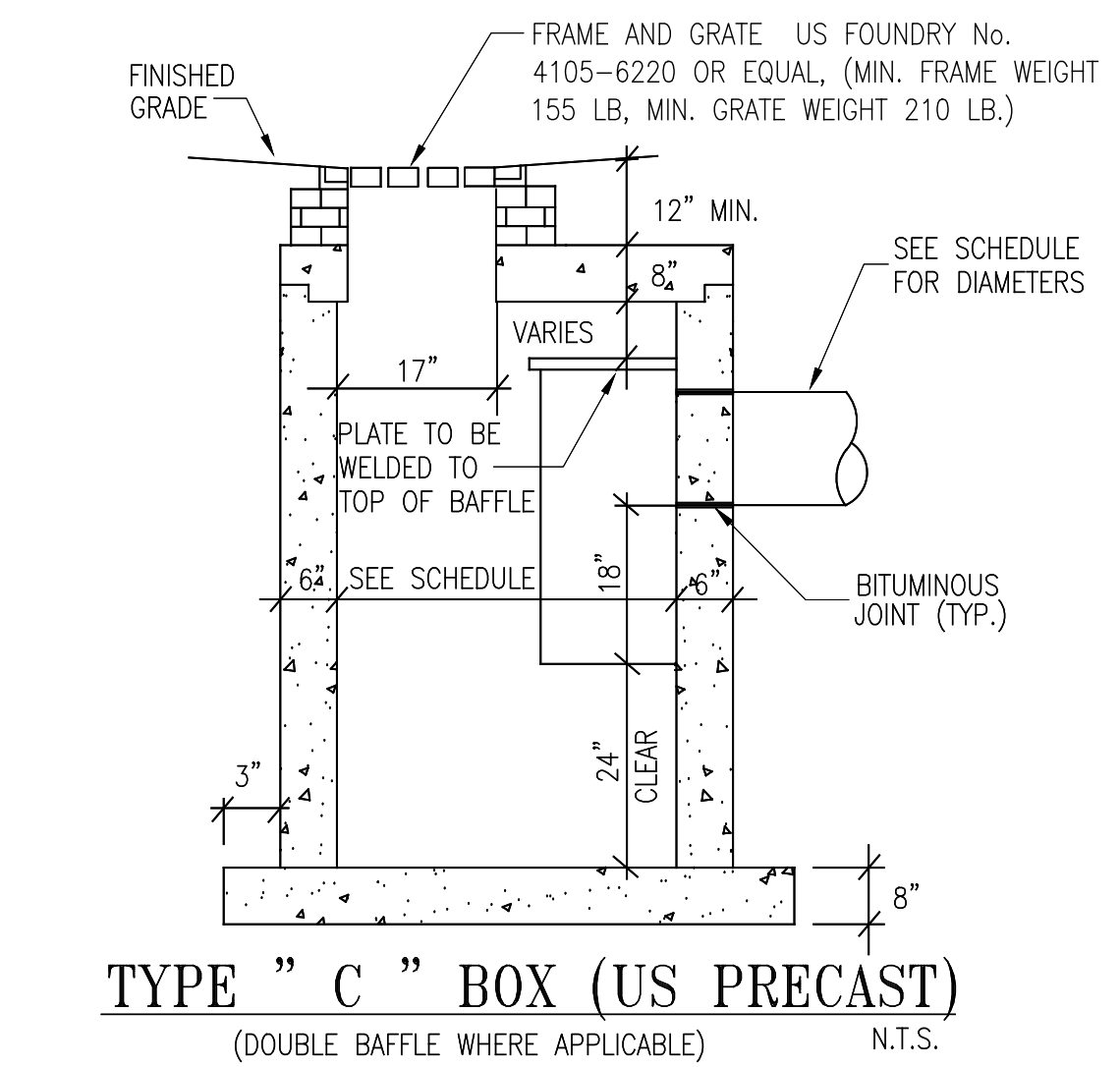
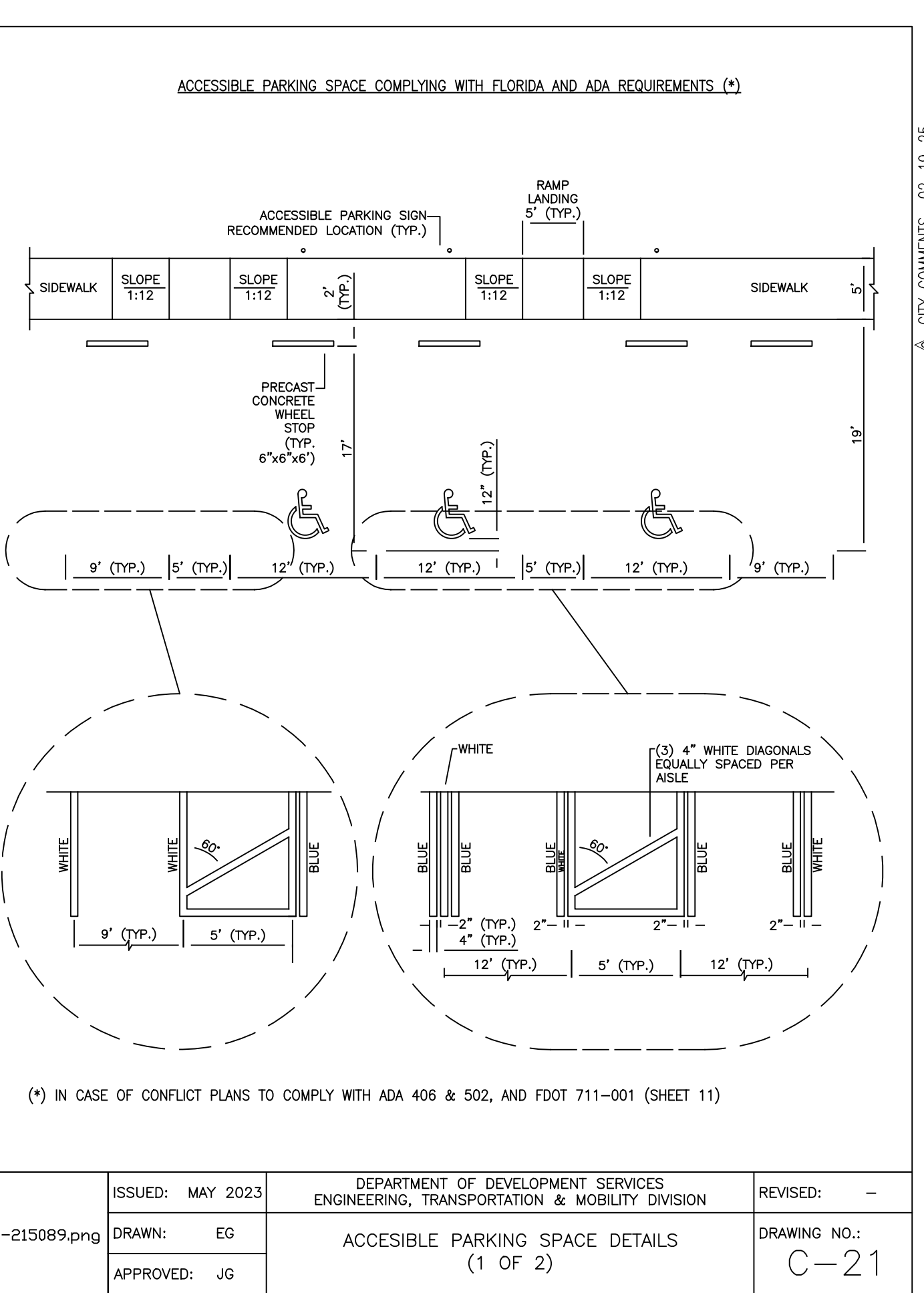
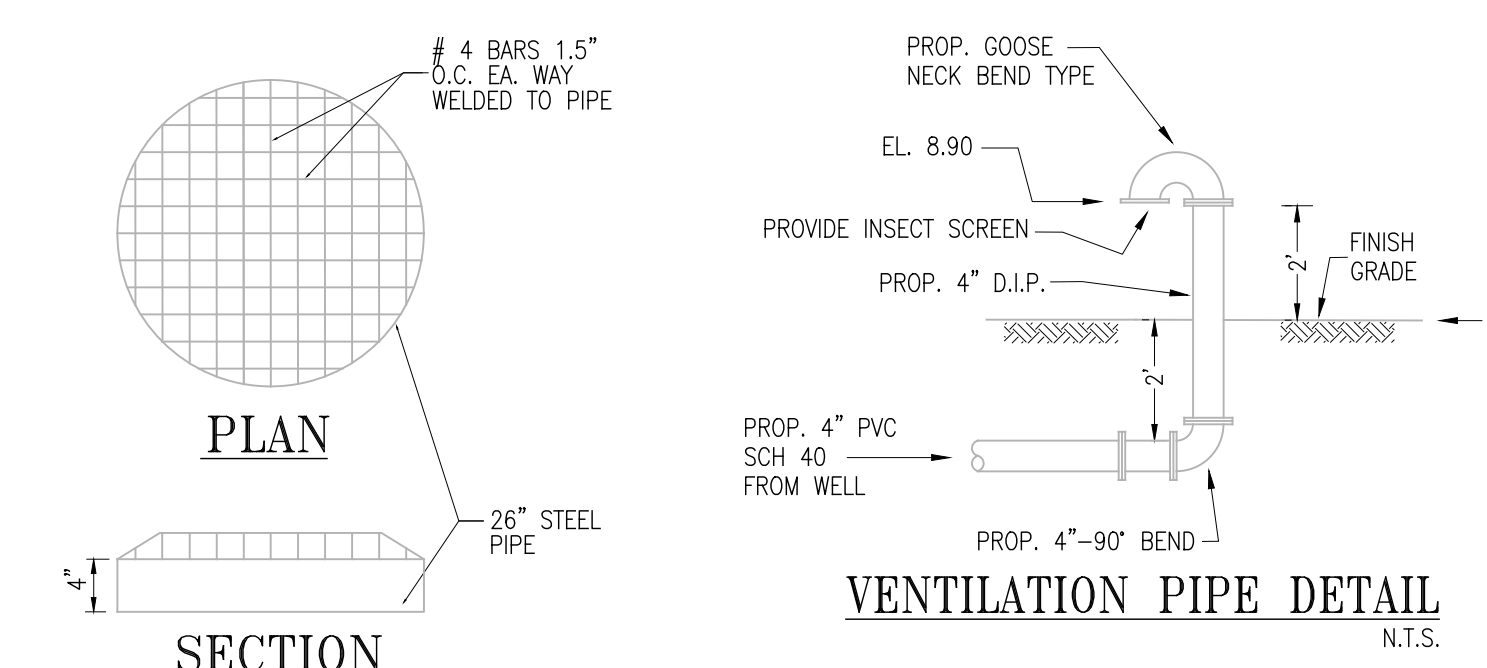
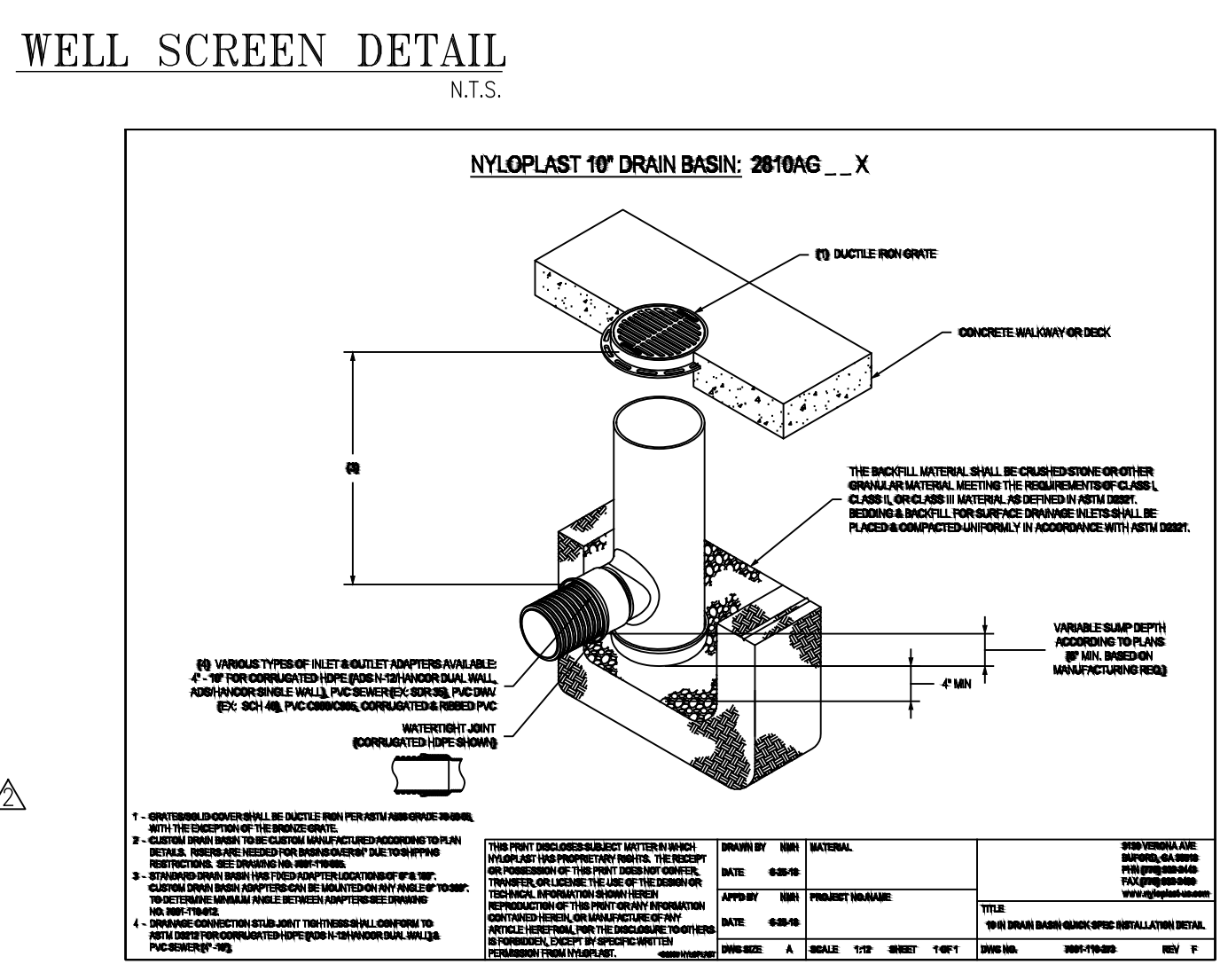
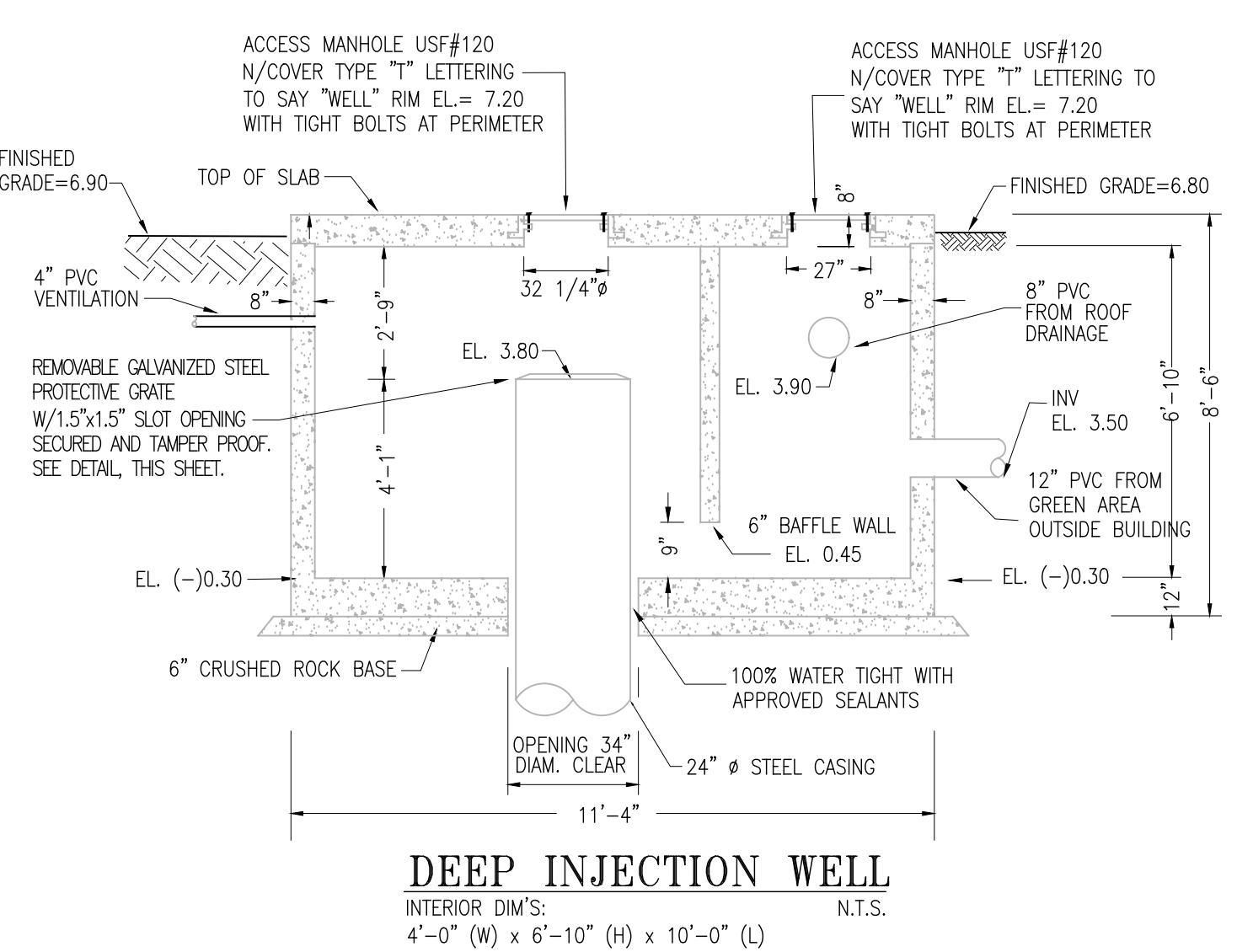
2-19-2025



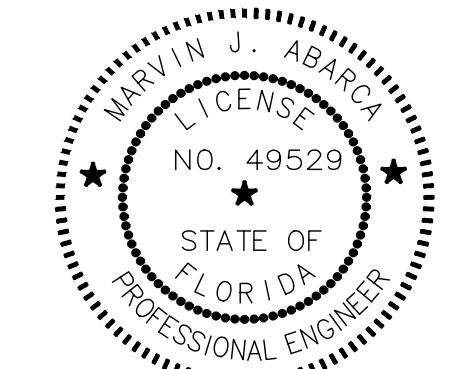
ALL FDOT ROADWAY IMPROVEMENTS PROJECT WITH FINANCIAL ID 4415821520 FOR PAVING MARKING & SIGNS IS DONE WITHIN SOUTH FEDERAL HIGHWAY



- NOTES FOR DRAINAGE WELL:**
- DRAINAGE WELL SHOULD BE DRILLED TO A DEPTH WHERE GROUND WATER'S TOTAL DISSOLVED SOLID (TDS) CONCENTRATION EXCEED OF 10,000 P.P.M.
 - WELL SHALL HAVE AN UPPER CASING OF A MINIMUM OF 24 INCHES IN DIAMETER. BLACK STEEL PIPE WITH A MINIMUM WALL THICKNESS OF 3/8" AND SHALL CONFORM TO ASTM A53, A120.
 - WELL SHALL BE AS PLUMB AND TRUE TO LINE AS GOOD WORKMANSHIP PROVIDED.
 - COMPLETED WELL SHALL BE THOROUGHLY AGITATED AND DEVELOPED.
 - THE COMPLETED WELL SHALL BE PUMPED AT A RATE OF 2,500 G.P.M., AND SHALL MEET DEPARTMENT OF PLANNING AND ENVIRONMENTAL PROTECTION REQUIREMENTS FOR ALLOWABLE DRAWDOWN AND TEST DIRECTION.
 - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT FOR CONDUCTING THE WELL TEST AND SATISFACTORILY DISPOSING OF THE WATER PUMP FROM THE WELL.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE NECESSARY D.P.E. WELL DRILLING PERMITS AND COMPLY WITH ALL THE PROVISIONS THEREOF.
 - CONTRACTOR SHALL CONSTRUCT THE WELL TO A WATER BEARING STRATA CAPABLE OF ACCEPTING THE DESIGN DISCHARGE RATE OF 250 G.P.M.



NOTE FOR CATCH BASIN GRATES:
CONTRACTOR TO PROVIDE ON ALL CATCH BASINS HINGED FRAME GRATES



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REVISIONS

NO.	DESCRIPTION	DATE
1	CITY COMMENT	08-14-23
2	CITY COMMENTS	01-22-24
3	CITY COMMENTS	03-30-24
4	CITY COMMENTS	06-10-24
5	CITY COMMENTS	02-18-25

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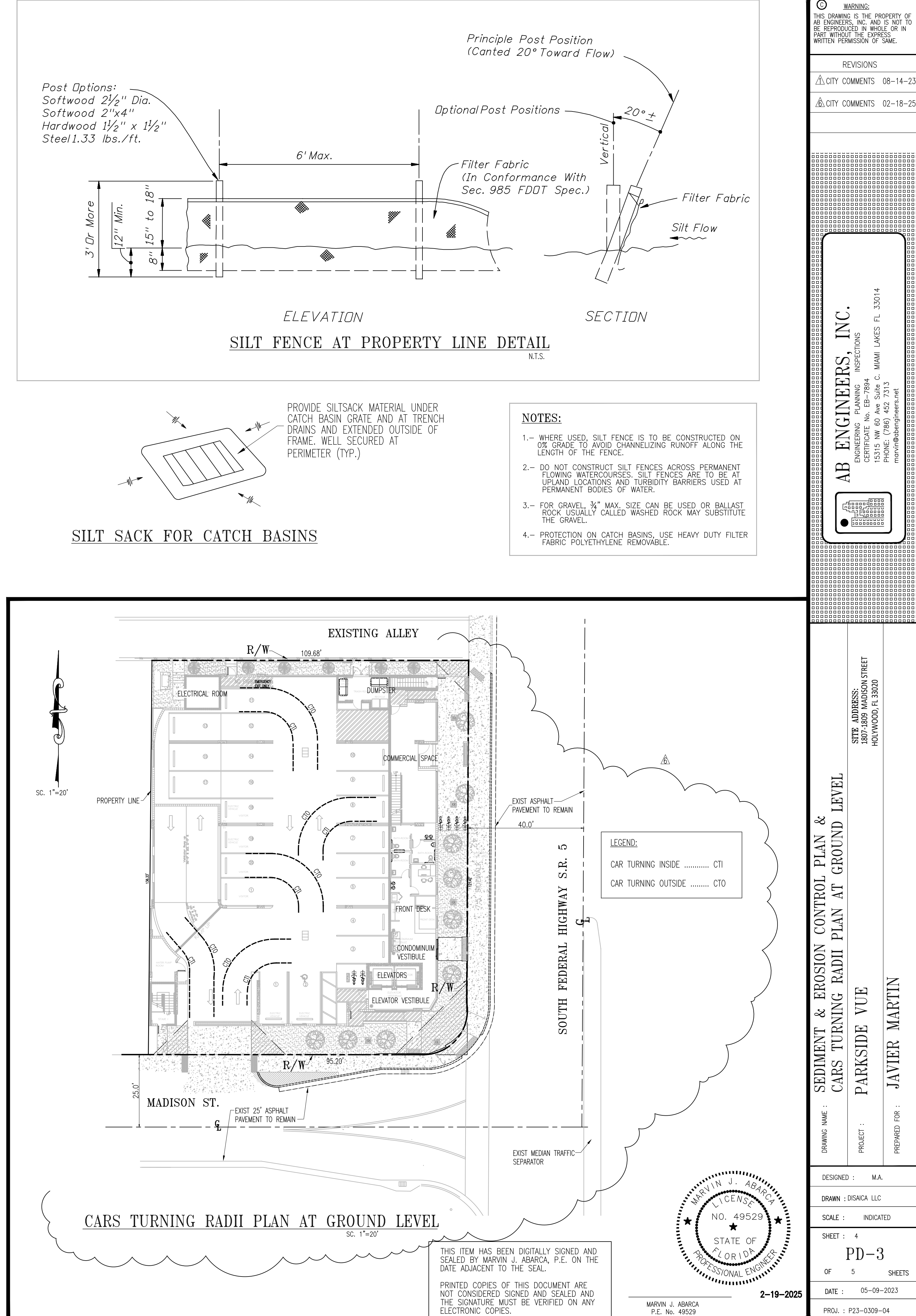
PROJECT: PARKSIDE VUE
DESIGNED BY: JAVIER MARTIN
DRAWN BY: DAISACA LLC
SCALE: INDICATED
SHEET: 3
OF: 5 SHEETS
DATE: 03-16-2023
PROJ. NO.: P23-0309-04

MARKING & SIGNING - DRAINAGE DETAILS

NYLOPLAST 10" DRAIN BASIN: 2810AG _X

TYPE "C" BOX (US PRECAST)
(DOUBLE BAFFLE WHERE APPLICABLE) N.T.S.

STANDARD GRATE OPTION



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6 CITY COMMENTS 02-18-25

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SITE ADDRESS:
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HOLYWOOD FL 33020

SEDIMENT & EROSION CONTROL PLAN & CARS TURNING RADII PLAN AT GROUND LEVEL

PARKSIDE VUE

JAVIER MARTIN

DRAWING NAME :

DESIGNED : M.A.

DRAWN : DISAICA LLC

SCALE : INDICATED

SHEET : 4

PD-3

OF 5 SHEETS

DATE : 05-09-2023

PROJ. : P23-0309-04

PLAN

SECTION A-A

SECTION B-B

NOTE:

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE ADA STANDARDS.
2. LIGHT BROOM FINISH PERPENDICULAR TO THE DIRECTION OF THE SIDEWALK.
3. ALL SIDEWALKS CROSS SLOPES SHALL BE 1:48 (2% MAX.); AND, RUNNING SLOPES 1:20 MAX.

C-232657.png	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (1 OF 3)	DRAWING NO.: C-23
	APPROVED: JG		

SECTION C-C

SIDEWALK WITH CURE

C-242814.png	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (2 OF 3)	DRAWING NO.: C-24
	APPROVED: JG		

PLAN

TYPE 'A'

TYPE 'B'

SIDEWALK JOINTS

TYPE	LOCATION
'A'	P.C. & P.T. OF CURVES; JUNCTION OF EXISTING AND NEW SIDEWALKS; WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.
'B'	5' CENTER TO CENTER ON SIDEWALKS.

NOTES:

1. CONCRETE SHALL BE CLASS 1 WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
2. USE OF FIBER REINFORCED CEMENT IS PROHIBITED.
3. SIDEWALK LONGITUDINAL AND CROSS SLOPES SHALL MEET ADA STANDARDS.
4. SIDEWALK CURB RAMPS SHALL BE PROVIDED AT ALL DESIGNATED PEDESTRIAN CROSSING AT INTERSECTIONS PER FOOT STANDARD PLANS INDEX NO. 522-002.
5. THE VERTICAL ALIGNMENT OF THE COVER/SLD OF A GIVEN UTILITY BOX/STRUCTURE SHALL NOT BE MORE THAN A 1/4" DIFFERENCE IN HEIGHT/ELEVATION OF THE FINISHED SIDEWALK SURFACE.
6. 4" THICK MINIMUM (TYP.) 6" THICK AT DRIVEWAYS, EXTENDED TWO FEET ON BOTH SIDES BEYOND THE DRIVEWAY.

C-252912.png	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	SIDEWALK CONSTRUCTION DETAILS (3 OF 3)	DRAWING NO.: C-25
	APPROVED: JG		

PLAN VIEW

SECTION "A-A"

NOTES:

1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 12", MAXIMUM 18".
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER ASPHTO T-180.
3. UNPAVED CEMENT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
4. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED AND FEATHERED.
5. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE EXISTING SURFACE.
6. BASE MATERIAL SHALL BE PLACED IN A MINIMUM LEAD OF 100' AND A MINIMUM CARBONATE CONTENT OF 70%.

IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" POLYESTER CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM AEROSOLIZING WITH A PERMANENT PATCH.

MINIMUM PAVEMENT RESTORATION WIDTH IS 10'.

C-313137.png	ISSUED: MAY 2023	DEPARTMENT OF DEVELOPMENT SERVICES ENGINEERING, TRANSPORTATION & MOBILITY DIVISION	REVISED: -
	DRAWN: EG	FLEXIBLE PAVEMENT RESTORATION PERPEND. UTILITY INSTALLATION	DRAWING NO.:
	APPROVED: JG		C-31

NOTES:

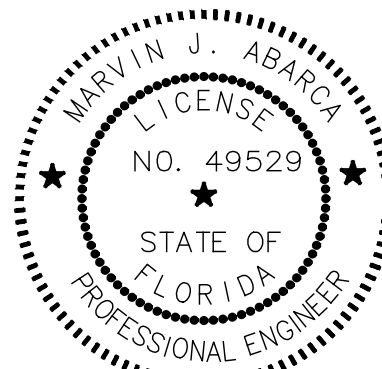
1. HORIZONTAL BOTTOM (FLOW LINE) OF SWALE LOCATION IS TO BE PLACED AT THE POINT WHERE 6:1 SLOPE FROM THE EDGE OF S/W AND 6:1 SLOPE FROM EDGE OF PAVEMENT MEET.
2. TOP OF SOD ELEVATION AS SHOW ABOVE.

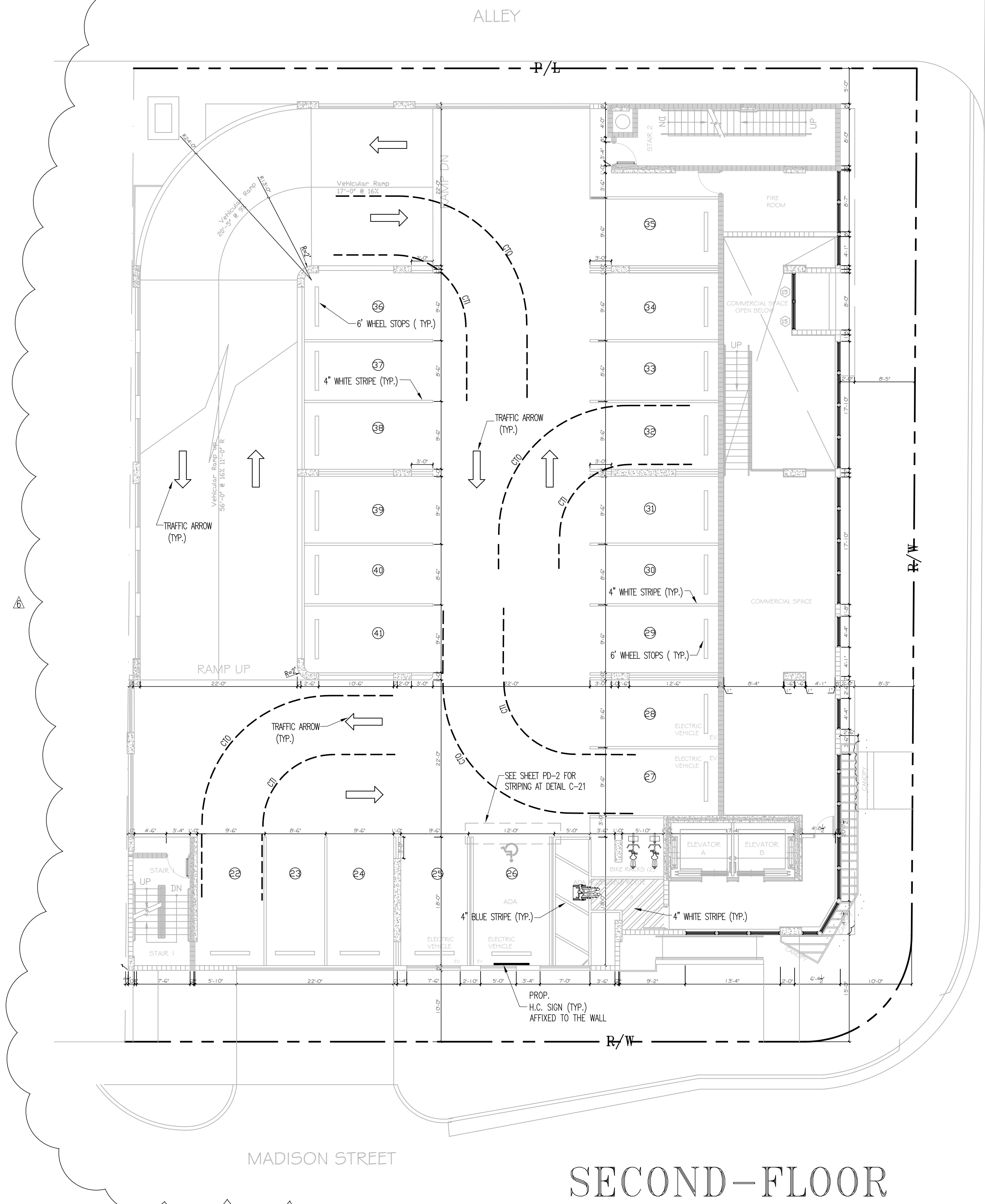
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	DRAWN: EG	TYPICAL SWALE GRADING	DRAWING NO.: C-33
	APPROVED: JG		

TIPYCAL DETAIL EXFILTRATION TRENCH

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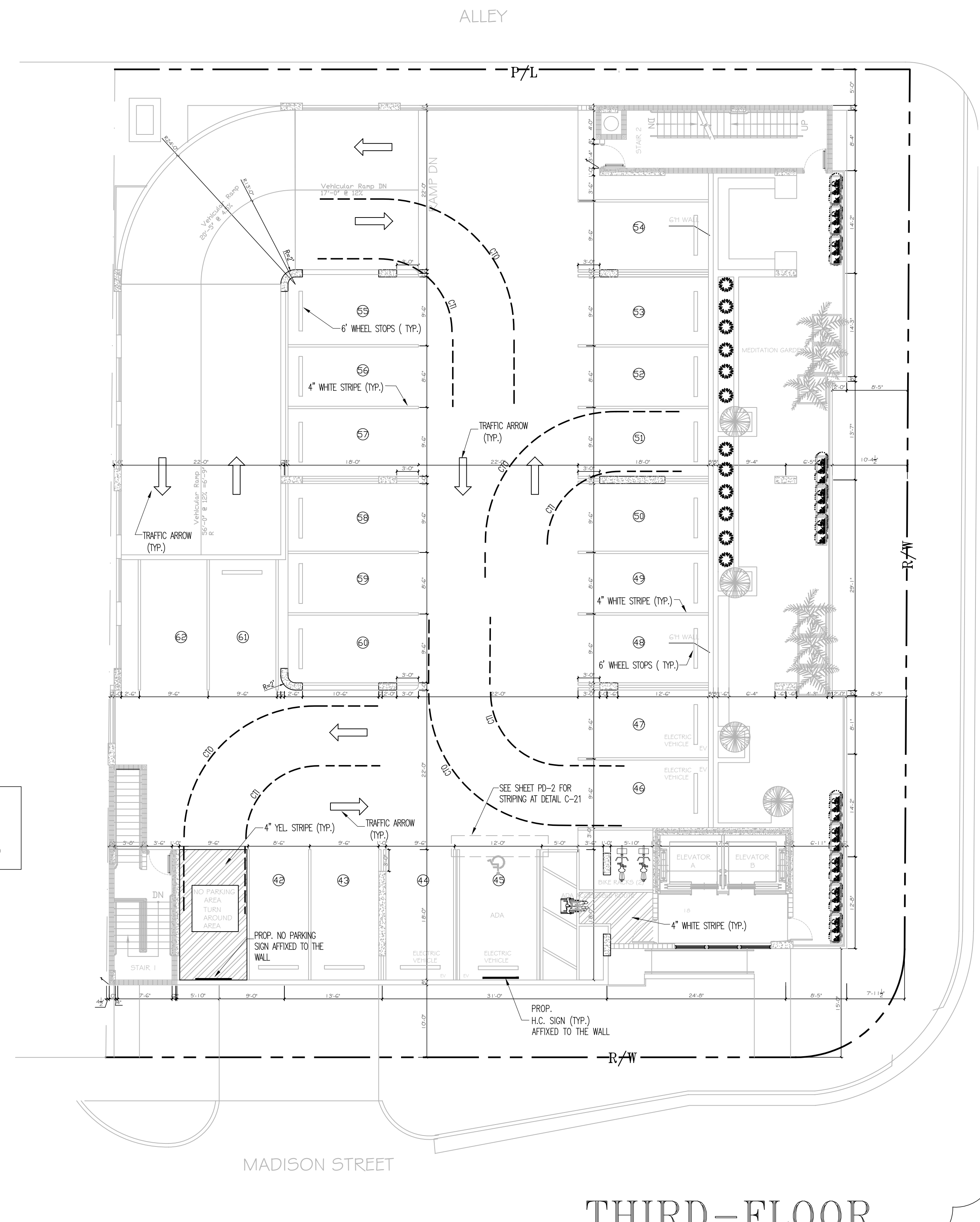


SECOND-FLOOR

SOUTH FEDERAL HIGHWAY

SCALE 1"=10'

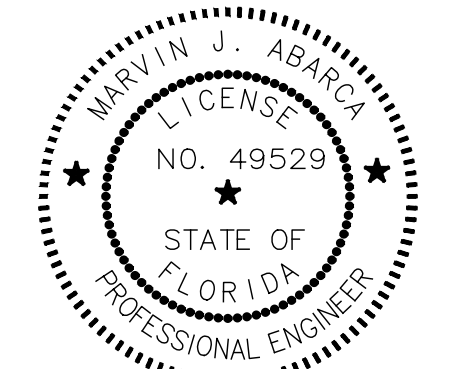
LEGEND:
CAR TURNING INSIDE CTI
CAR TURNING OUTSIDE CTO



THIRD-FLOOR

PAVEMENT MARKINGS & SIGN PLANS
SC. 1"=10'

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MARVIN J. ABARCA
P.E. No. 49529

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REVISIONS

CITY COMMENTS

02-19-25

AB ENGINEERS, INC.

ENGINEERING PLANNING INSPECTIONS

CERTIFICATE No. EB-7894

15315 NW 60 Ave Suite C, MIAMI LAKES FL 33014

PHONE: (786) 452 7313

marvin@abengineers.net

DRAWING NAME : PAVEMENT MARKINGS & SIGN PLANS AT SECOND & THIRD FLOORS

PROJECT : PARKSIDE VUE

PREPARED FOR : JAVIER MARTIN

DESIGNED : M.A.

DRAWN : DISANCA LLC

SCALE : INDICATED

SHEET : 6

PMS

OF 6 SHEETS

DATE : 09-28-2024

2-19-2025

THE PROJECT



PARCEL 2:
LOT 13, IN BOOK 36, OF TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, AT PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND
PARCEL 3:
LOT 14 AND 15, LESS THE EAST 15 FEET THEREOF, AND ALSO LESS SO MUCH THEREOF INCLUDED IN THE EXTERNAL AREA FORMED BY A 15 FOOT RADIUS ARC WHICH IS TANGENT TO THE SOUTH LINE TO ALINE WITCH IS 15 FEET WEST OF AND PARALLEL TO THE EAST LINE OF SAID LOT 15, IN BLOCK 36, OF TOWN OF HOLLYWOOD, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, AT PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY FLORIDA

ALL UNDERGROUND FIRE MAIN WORK MUST BE COMPLETED BY FIRE PROTECTION CONTRACTOR HOLDING A CLASS I, II, OR V LICENSE PER FS 633.102.

NEW MIXED USE Federal Highway Medium-High Intensity FH-
AN EIGHT (8) STORY MIXED USE BUILDING
Property Address: 1807 MADISON ST., HOLLYWOOD
1809 MADISON ST., HOLLYWOOD

THESE CALCULATIONS ARE FOR AN EIGHT (8) STORY MIXED USE BUILDING, WITH A TOTAL GROUND FLOOR SQUARE OF 2,756 S.F. THE ENTIRE BUILDING IS NON-COMBUSTIBLE CONSTRUCTION.

FIRE FLOW AREA=22,503 S.F.

BASED ON TYPE II (2220 CONSTRUCTION. PER NFPA 18.4.4.1 FIRE FLOW AREA, THE FIRE FLOW AREA IS BASED ON THE TOTAL SQUARE FOOTAGE OF THE THREE LARGEST FLOORS, WHICH IS 22,503 SQUARE FEET.

PER TABLE 18.4.5.2.1, THE FIRE FLOW REQUIREMENT IS 1,500 GPM FOR 2 HOURS.

NFPA 18.4.5.3.2 STATES THAT THE REQUIRED FIRE FLOW CAN BE REDUCED BY 75% IF THE BUILDING HAS AUTOMATIC SPRINKLERS.

1,500 GPM X 75%= 1,125 GPM (FIRE FLOW CREDIT)

$$1,500 \text{ GPM} - 1,125 \text{ GPM} = 375 \text{ GPM}$$

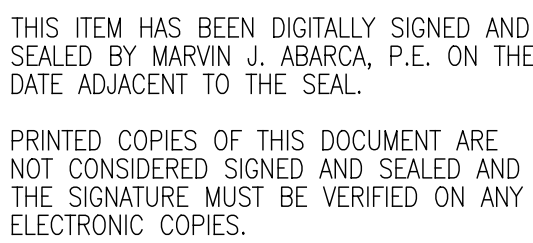
THE MINIMUM FIRE FLOW PER NFPA 18.4.5.3.2 IS 1,000 GPM

FIRE FLOW REQUIRED = 1,000 GPM

CS	COVER SHEET
WS-1	WATER & SEWER PLAN
WS-2	WATER PROFILES
WS-3	WATER DETAILS

FOLIO # 51-4215-017-110

SEC. 15-51-42



2-19-2025

A circular professional engineer seal for Marvin J. Abarca. The outer ring contains the text "MARVIN J. ABARCA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "LICENSE NO. 49529" and "STATE OF FLORIDA", also separated by two stars.

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REVISIONS

1 CITY COMMENST 1-11-24

AB ENGINEERS, INC.

ENGINEERING PLANNING INSPECTIONS
 CERTIFICATE No. EB-7894
 15315 NW 60 Ave Suite C, MIAMI LAKES
 PHONE: (786) 452 7313
margvin@bengineers.net

SITE ADDRESS:
1807 MADISON STREET

PROJECT : PARKSIDE VUE

JAVIER MARTIN

PREPARED FOR :

DESIGNED : MARVIN ABARCA

DRAWN : DISAICA LLC

SCALE : INDICATE

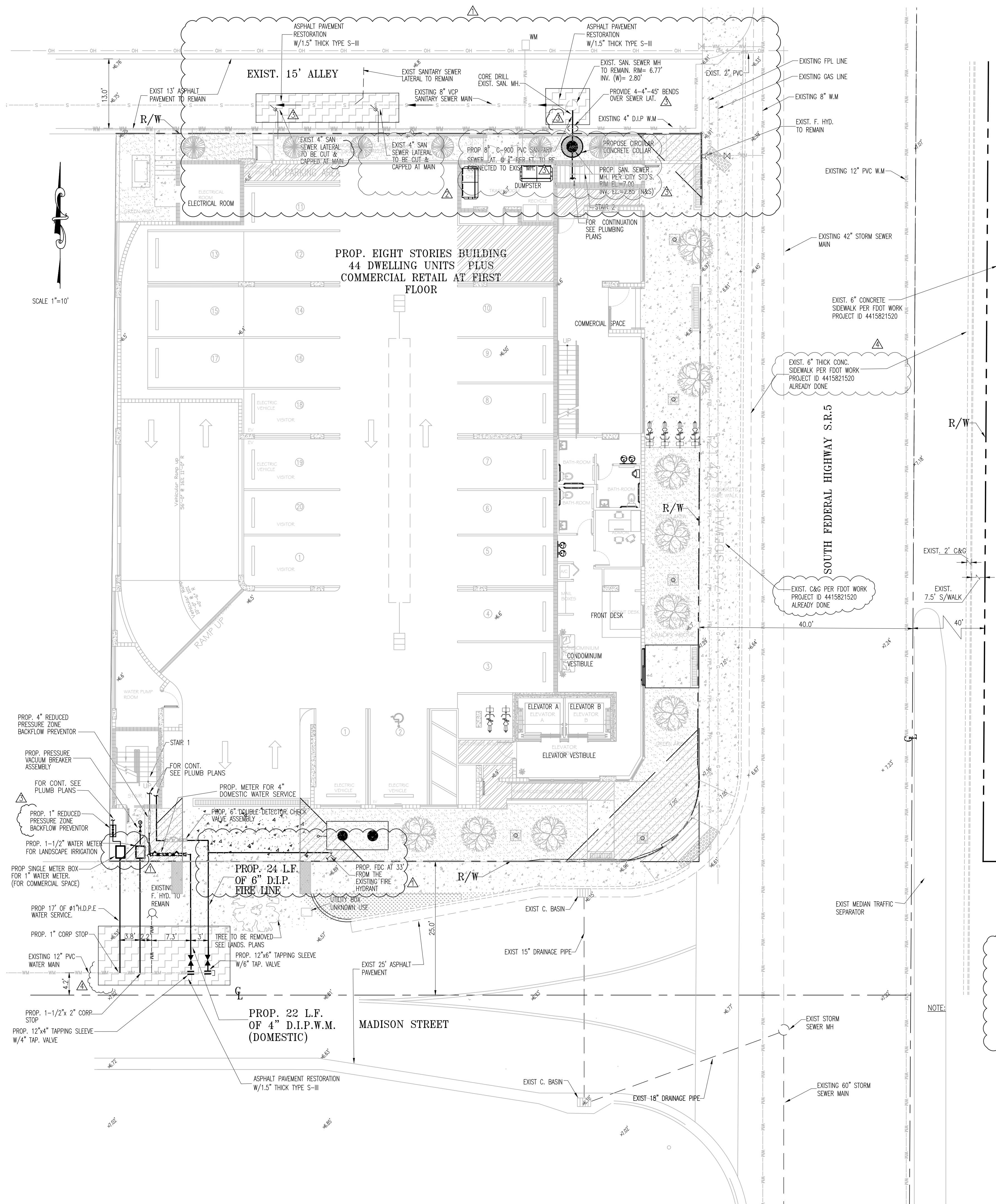
SHEET : 1

CS

OF 4 SHEETS

DATE : 03-10-2023

PROJ. : P23-0309-0



LEGEND:

- + 10.3 EXISTING ELEVATION
- W — W — EXISTING WATER LINE
- S — S — EXISTING SANITARY SEWER LINE
- — — EDGE OF PAVEMENT LINE
- R/W — — RIGHT OF WAY LINE
- C — — CENTER LINE OF PAVEMENT
- OH—OH—OH EXISTING OVERHEAD LINE
- [Symbol] EXIST CATCH BASIN
- [Symbol] PROPOSED ASPHALT PAVEMENT RESTORATION

WATER CALCULATIONS

THE FOLLOWING ARE THE FIXTURES TO BE USED PER ARCHITECT SITE PLAN PER BLDG. FOR TOTAL OF 44 UNITS

DESCRIPTION	QUANTITY	W.S. F.U.	TOTAL W.S.F.U.
LAVATORY	69	0.7	48.3
TOILET	69	2.2	151.8
URINAL	2	3	6
JANITORY	1	3	3
KITCHEN SINK	44	1.4	61.6
DISHWASHER	44	1.4	61.6
Drinking fountain	3	0.25	0.75
BATHTUB	44	1.4	61.6
WASHER MACHINE	44	1.4	61.6
TOTAL			456.25

PER 2014 FLORIDA BUILDING CODE, PLUMBING PART, TABLE E103.3(3) OF APPENDIX "E" SIZING OF WATER PIPE

456 W.S.F.U. CORRESPOND TO 123 G.P.M. 123 G.P.M.

ACTUAL WATER DEMAND IS 85% 104.55 G.P.M.

MINIMUM WATER SUPPLY PIPE "D" IS BASED ON FORMULA SHOWN AT SECTION D8 OF MIAMI DADE COUNTY PUBLIC WORKS DEPT. FOR WATER SUPPLY DISTRIBUTION SYSTEMS.

D=0.443 (MAX. WATER DEMAND) EXP. 0.45
D=0.443 (292) EXP.0.45 = 3.59
THEN 4" W.M. FOR DOMESTIC USE IS PROPOSED
THE PROPOSED IS A 4" DIAM., SEE WATER PLANS FOR MORE DETAILS

CHECKING WATER METER CAPACITY;

PER ABOVE CALCULATIONS, ACTUAL WATER DEMAND IS 105 G.P.M.
PROPOSED IS A 4" WATER METER
MAX. CAPACITY OF A 4" COMPOUND WATER METER IS 500 G.P.M. AT 20 PSI
METER CAPACITY 500 G.P.M. > ACTUAL DEMAND 105 G.P.M. THEN OK

W.S.F.U., DENOTES WATER SUPPLY FIXTURE UNITS
G.P.M., DENOTES GALLONS PER MINUTE

SANITARY SEWER CALCULATIONS

THE FOLLOWING ARE THE FIXTURES TO BE USED PER ARCHITECT SITE PLAN PER BLDG. FOR TOTAL OF 44 UNITS
THERE ARE 26 UNITS W/ 1 BATH & 18 W/2 BATH

DESCRIPTION	QUANTITY	FIXTURE UNITS	TOTAL FIXTURE UNITS
LAVATORY	69	1	69
Toilet	69	4	276
URINAL	2	4	8
Janitory	1	2	2
KITCHEN SINK	44	2	88
DISHWASHER	44	2	88
Floor Drain	5	2	10
Drinking fountain	3	0.5	1.5
BATHTUB	44	2	88
WASHER MACHINE	44	2	88
TOTAL			719

PROPOSED ARE 2-6" SANITARY SEWER LATERAL AT 1/8" PER FT. TO DISCHARGE TO EXISTING PUBLIC SANITARY SEWER

PER 2014 FLORIDA BUILDING CODE, PLUMBING PART, CHAPTER 7, TABLE 710.1(1) OF SECTION 710,
ONE 6" SANITARY SEWER LATERAL AT 1/8" PER FT. HAS CAPACITY FOR 700 FIXTURE UNITS.
THEN USING 2-6" LATERAL WILL PROVIDE A CAPACITY OF 719 FIXTURE UNITS

THEREFORE, 1,400 > 719

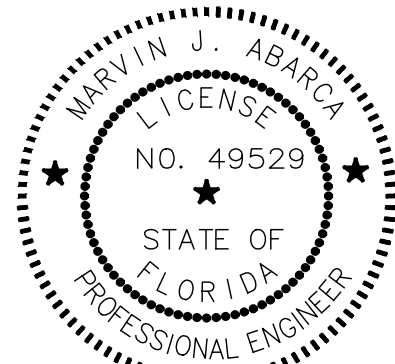
THEN OK

NOTE:

WATER SUPPLY AND ANY NEW HYDRANTS SHALL BE IN PLACE PRIOR TO ACCUMULATION OF COMBUSTIBLE MATERIALS PER NFPA 1 (2018 ED.) SECTION 16.4.3.1.1



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MARVIN J. ABARCA
P.E. No. 49529

2-19-2025

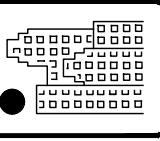
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REVISIONS

- Δ CITY COMMENT 08-14-23
- Δ CITY COMMENTS 01-22-24
- Δ CITY COMMENTS 03-30-24
- Δ CITY COMMENTS 06-08-24

AB ENGINEERS, INC.

ENGINEERING, PLANNING & INSPECTIONS
CERTIFICATE No. EB-7884
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PHONE: (786) 452 7313
marvin@abengineers.net



WATER & SEWER PLAN

PARKSIDE VUE

JAVIER MARTIN

DRAWING NAME :

DESIGNED : M.A.

DRAWN : DISACA LLC

SCALE : INDICATED

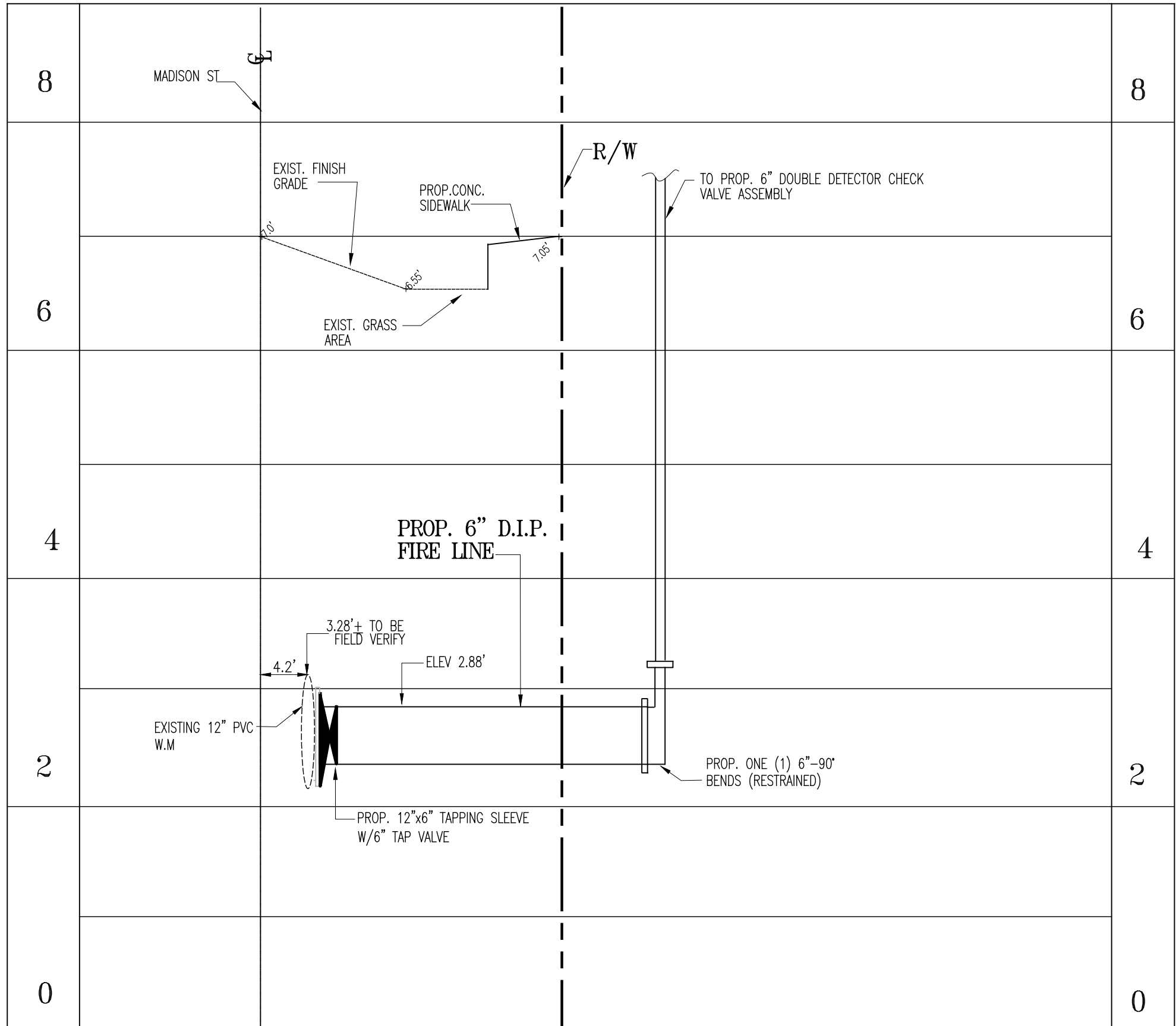
SHEET : 2

WS-1

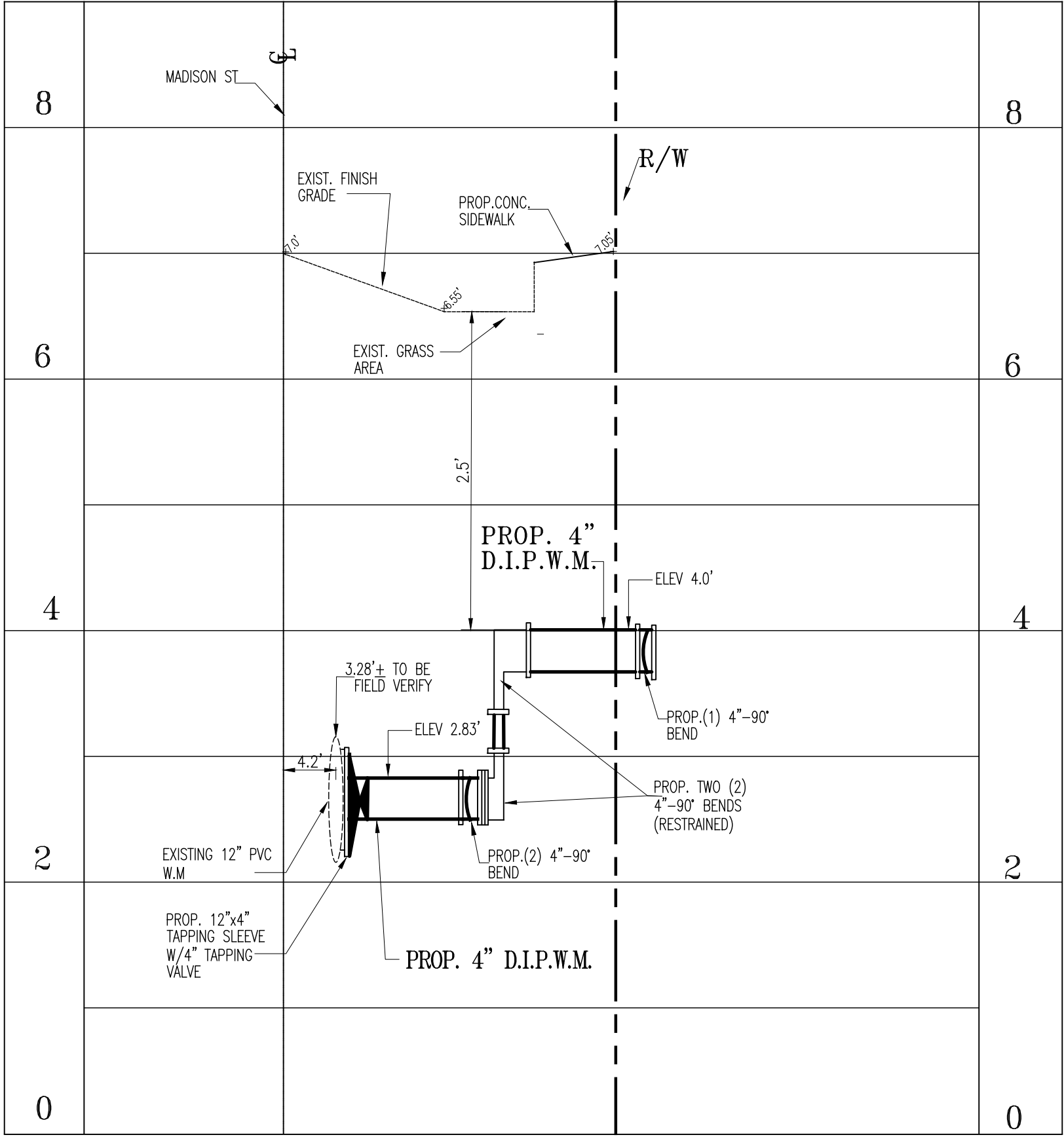
OF 4 SHEETS

DATE : 03-10-2023

PROJ. : P23-0309-04



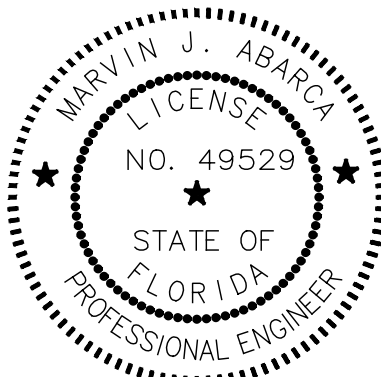
FIRE LINE PROFILE
HOR. 1"=1' VER. 1"=10'



WATER MAIN PROFILE
HOR. 1"=10' VER. 1"=1'

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MARVIN J. ABARCA
P.E. No. 49529

2-19-2025

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REVISIONS

AB ENGINEERS, INC.
ENGINEERING & SURVEYING
15315 NW 60 Ave Suite C, MIAMI LAKES, FL 33014
PHONE: (786) 452-7313
marvin@abengineers.net

SITE ADDRESS:
1807-1809 MADISON STREET
HOLYWOOD, FL 33020

DRAWING NAME : WATER PROFILES
PROJECT : PARKSIDE VUE
PREPARED FOR : JAVIER MARTIN

DESIGNED : M.A.

DRAWN : DISAICA, LLC

SCALE : INDICATED

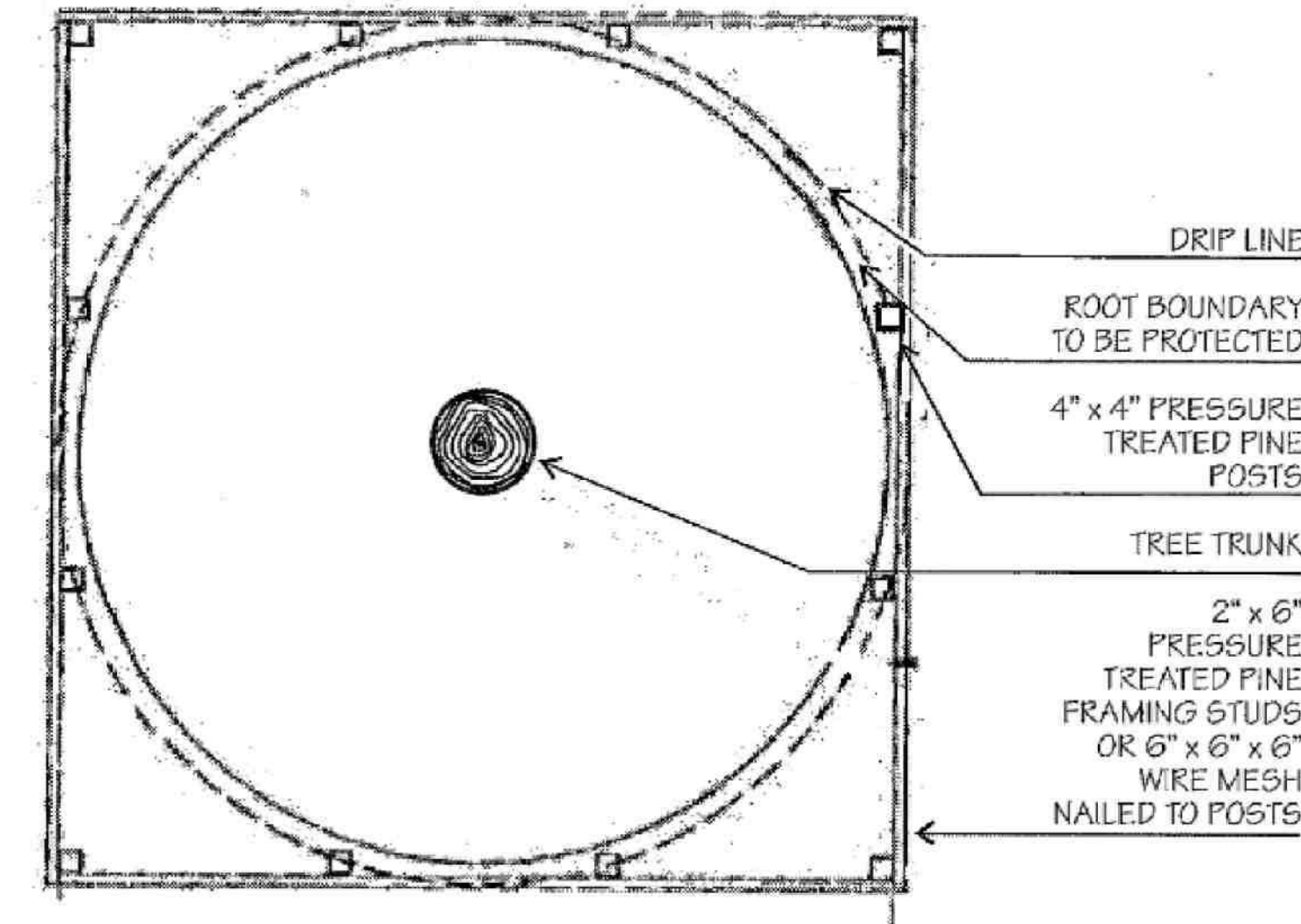
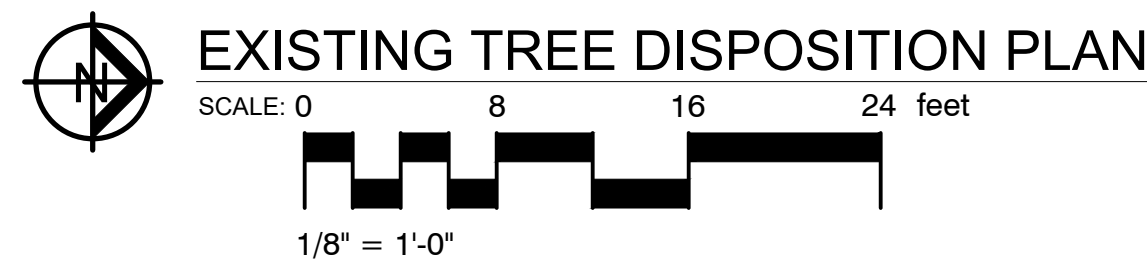
SHEET : 3

WS-2

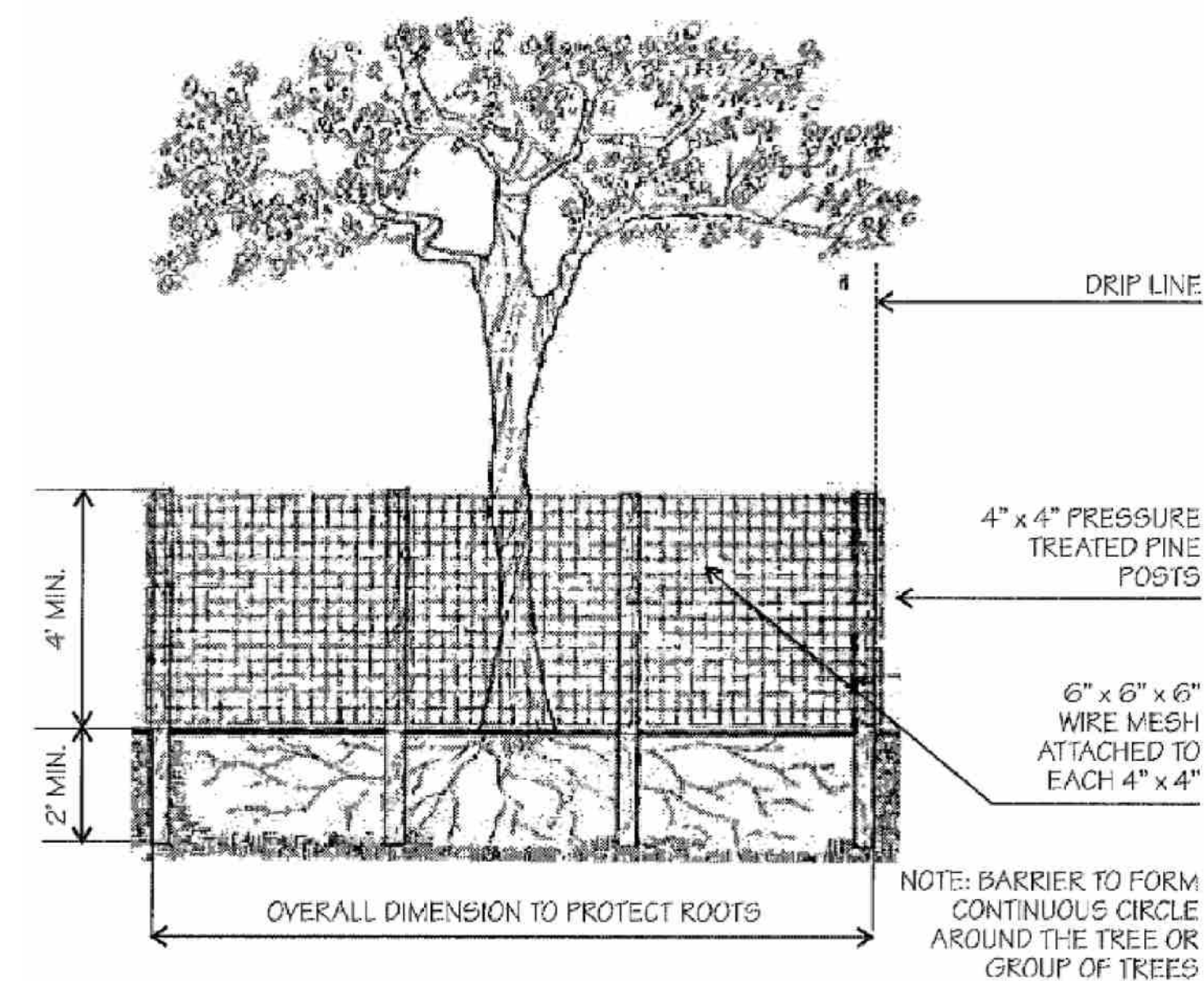
OF 4 SHEETS

DATE : 03-10-2023

PROJ. : P23-0309-04



IT IS CRITICAL TO EXISTING TREE SURVIVAL TO PROVIDE PROTECTION DURING CONSTRUCTION. THIS DETAIL CAN BE USED AROUND ONE OR MORE TREES AND WILL PROVIDE PROTECTION FROM CONSTRUCTION EQUIPMENT.



°EXITING TREE PROTECTION DETAIL°

NOTE:
Trees and Palms shall not be removed without first obtaining an approved Tree Removal Permit from the City of Hollywood.

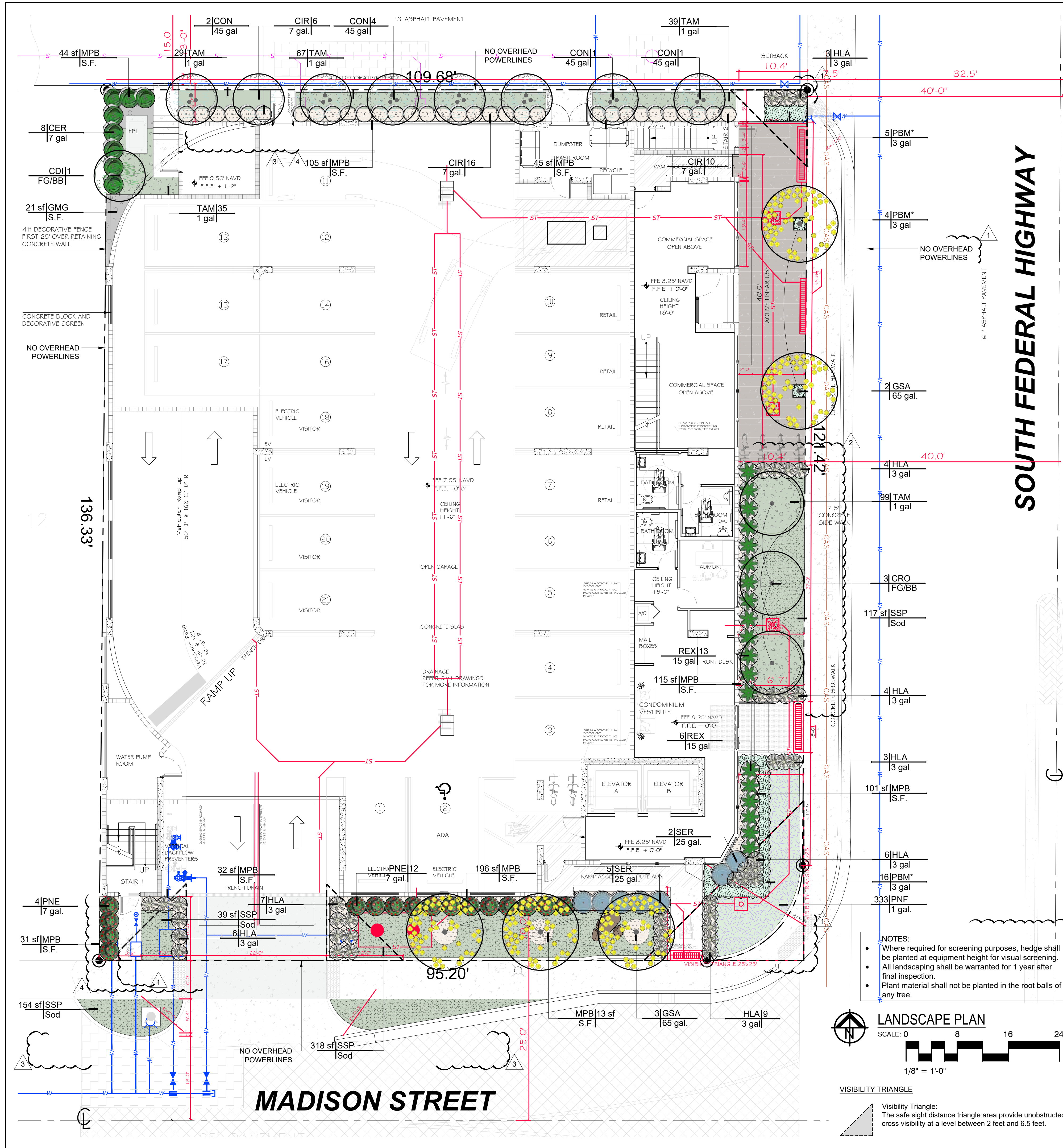


Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

EXISTING TREE DISPOSITION LIST								
No.	Common Name	Scientific Name	Diameter DBH (in)	DBH (in) for Mitigation	Height (ft)	Spread (ft)	Condition	Disposition
1	Bucida buceras 'Shady Lady'	Black Olive	20	0	20	20	Poor	Remove
2	Bucida buceras 'Shady Lady'	Black Olive	19	19	20	20	Fair	Remove
3	Mangifera indica	Mango	29	29	20	40	Fair	Remove
Total mitigation Required =			68" + 0 Palms / Trees					
Total mitigation Provided =			8" (2 Clusia rosea)					

30 Trees (2" DBH / 12' OA) can not be reasonably replaced on the property.
Tree Trust Fund contribution of \$10,500 will be required for the mitigation deficit



CITY OF HOLLYWOOD ZONING: FH-2
GENERAL LANDSCAPING REQUIREMENTS

Lot area: 14,926 S.F.

PERIMETER LANDSCAPE (STREET TREES):

One street tree (min. 12' ht x 2" DBH) per 50 L.F. of street frontage of property
121.42' (South Federal Highway) + 95.20' (Madison St.) = 216.62 L.F. / 50 L.F. = 4.33
REQ.: 5 Trees
PROV.: 5 Trees (0 Existing + 5 Proposed)

Alley buffer, 1 tree for every 20 linear feet.
109.68' L.F. / 20 L.F. = 5.48
REQ.: 6 Trees
PROV.: 6 Trees (0 Existing + 6 Proposed)

OPEN SPACE:

A minimum of 0% of the total site area must be landscape open space.
14,926 S.F. (Lot Area) * 0% = 0 S.F.
REQ.: 0 S.F.
PROV.: 3,317 S.F. (3%)

OPEN SPACE (LOT TREES):

A minimum of one tree per 1,000 S.F. of pervious area of property (2,216 S.F.)
2,216 S.F. (Pervious Area) / 1,000 S.F. = 2.2
REQ.: 3 Trees
PROV.: 3 Trees (0 Existing + 3 Proposed)

TOTAL TREES REQUIRED: 14
TOTAL TREES PROVIDED: 14 + (3 Additional trees for mitigation)

NATIVE TREES:

A minimum of 60% of required trees shall be native species.
REQ.: 9 Trees
PROV.: 17 Trees

SHRUBS:

10 for each required tree
REQ.: 140 Shrubs
PROV.: 124 Shrubs

NATIVE SHRUBS:

A minimum of 50% of required shrubs shall be native species.
REQ.: 70 Shrubs
PROV.: 105 Shrubs

Plant material shall not be planted in the root balls of any tree.
100% irrigation coverage will be provided by means of an automatic sprinkler system designed and constructed in accordance with the City of Hollywood Code of Ordinances and the Regulations of the South Florida Water Management District or apply xeriscape principles. (See the City of Hollywood Landscape Manual).
Projects shall comply or meet with green building certification requirements. No invasive plant species shall be placed on site.
As per City of Hollywood, Green Building Practices, at least 80% of plants, trees and grasses per the South Florida Water Management District recommendations.

PLANT SCHEDULE GROUND									
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD		
CRO	3	Clusia rosea	Pitch Apple	FG/BB	4"	16' OA	6'-8'		
CDI	1	Coccoloba diversifolia	Pigeon Plum	FG/BB	4"	16' OA	6'-8'		
CON	8	Conocarpus erectus 'Sericeus'	Silver Buttonwood	45 gal	2"	12' OA	4'-6'		
GSA	5	Guaiacum sanctum	Lignum Vitae	65 gal	4"	14' OA	6'-8'		
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH			
CIR	32	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	7 gal.	3.5'	2.5'			
CER	8	Conocarpus erectus	Green Buttonwood	7 gal	4' OA	2.5'			
HLA	42	Hymenocallis latifolia	Spider Lily	3 gal	2'	2'			
PNE	16	Psychotria nervosa	Wild Coffee	7 gal.	2.5' OA	3.5'			
REX	19	Rhapis excelsa	Lady Palm	15 gal	3'-4'	3' - 4'			
SER	7	Serenoa repens 'Cinerea'	Saw Palmetto	25 gal.	3'	3'			
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH			
PBM*	25	Philodendron 'Burle Marx'	Philodendron 'Burle Marx'	3 gal	2'	2'			
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD			
PNF	333	Phyla nodiflora	Frogfruit	1 gal.					
TAM	269	Trachelospermum asiaticum 'Minima'	Minima Jasmine	1 gal.					
AGGREGATES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD			
GMG	35 sf	Gray Marble Gravel 1/2"	1/2" Grey Marble Gravel	S.F.					
MPB	699 sf	Mulch Pine Bark	Pine Bark Mini Nuggets Mulch	S.F.					
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD			
SSP	628 sf	Stenotaphrum secundatum 'Palmetto'	Palmetto St. Augustine Grass	Sod					

MITIGATION CALCULATIONS				
D.B.H. MITIGATION:				
QTY	HGT FEET	DBH INCHES	BOTANICAL / COMMON NAME	REPLACEMENT INCHES
3	16	4	Clusia rosea - Pitch Apple	12
			Mitigation Provided	12
			Mitigation Required	68

28 Trees (2" DBH / 12' OA) can not be reasonably replaced on the property.
Tree Trust Fund contribution of \$9,800 will be required for the mitigation deficit

EXISTING TREE LEGEND

The Existing trees and palms that remained in their original location

Tree / Palm

DELETED

ALL LANDSCAPE DATA INC

DERICK LANGE
Landscape Architect LA666705
ISA Certified Arborist FL04539A

REVISIONS:

1

City Comments and Coordination 10-26-23

2

City Comments 01-11-24

3

City Comments and Coordination 03-12-24

4

Coordination 11-05-24

PROJECT NAME

PARK SIDE VIEW
1807 MADISON STREET
HOLLYWOOD, FL 33020

SHEET INFORMATION:

Drawing Size 24x36

Project #: 2022-12-156 IAAI

Drawn By: ALD

Checked By: DL

Title:
LANDSCAPE
PLAN

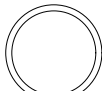

Sheet Number:
L-200

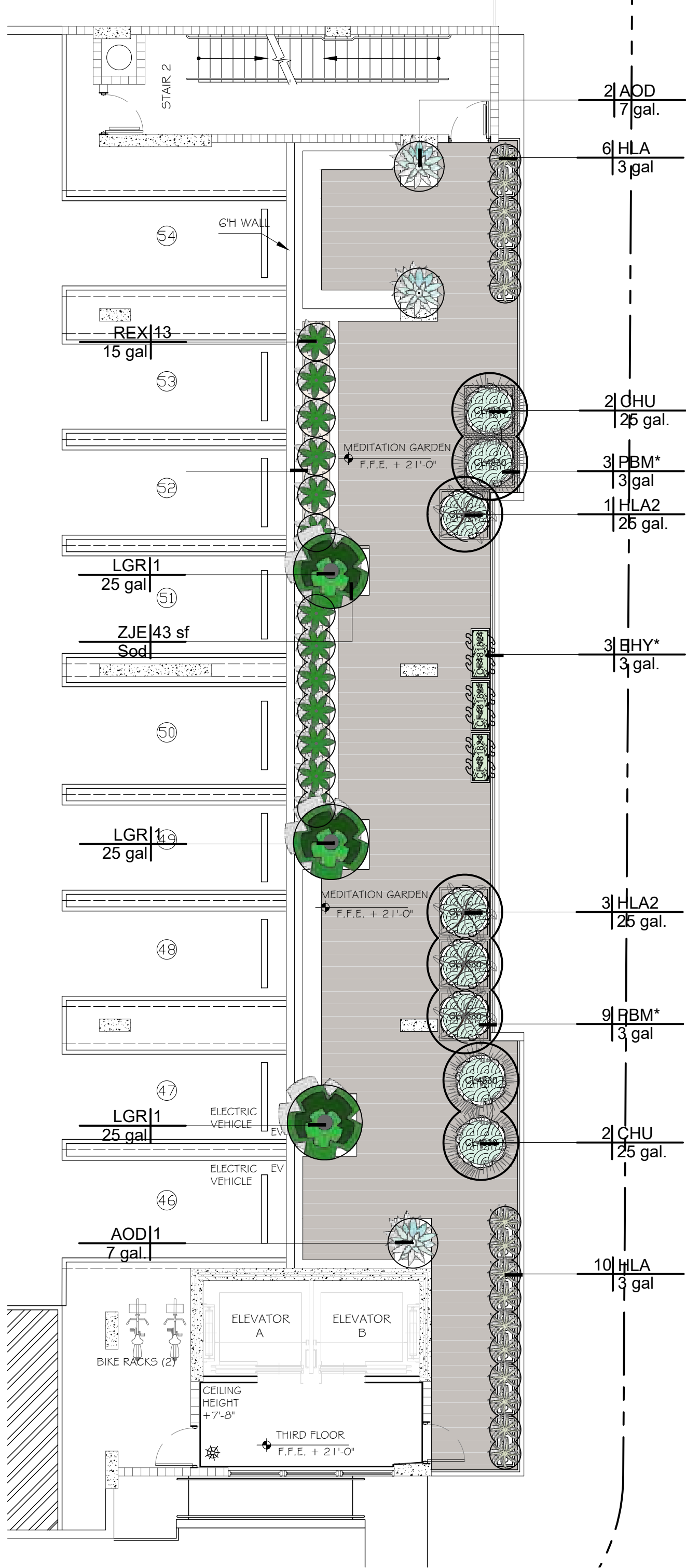
Date: - March 15, 2023

4

PLANT_SCHEDULE_GROUND									
TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS	
CRO	3	Clusia rosea	Pitch Apple	FG/BB	4"	16' OA	6'-8'	Florida Native - Drought Tolerant - WaterWise: South Florida Landscapes Plant Guide	
CDI	1	Coccoloba diversifolia	Pigeon Plum	FG/BB	4"	16' OA	6'-8'	STD - Florida Native - WaterWise: South Florida Landscapes Plant Guide	
CON	8	Conocarpus erectus `Sericeus`	Silver Buttonwood	45 gal	2"	12' OA	4'-6'	Drought Tolerant - STD - Florida Native - 4' CT Minimum - WaterWise: South Florida Landscapes Plant Guide	
GSA	5	Guaiaicum sanctum	Lignum Vitae	65 gal.	4"	14' OA	6'-8'	Florida Native - WaterWise: South Florida Landscapes Plant Guide	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH			
CIR	29	Chrysobalanus icaco `Red Tip`	Red Tip Cocoplum	7 gal.	3.5'	2.5'	Florida Native - WaterWise: South Florida Landscapes Plant Guide		
CER	10	Conocarpus erectus	Green Buttonwood	7 gal	4' OA	2.5'	Florida Native - WaterWise: South Florida Landscapes Plant Guide		
HLA	41	Hymenocallis latifolia	Spider Lily	3 gal	2'	2'	Native - WaterWise: South Florida Landscapes Plant Guide		
PNE	15	Psychotria nervosa	Wild Coffee	7 gal.	2.5' OA	3.5'	Florida Native - WaterWise: South Florida Landscapes - Plant Guide		
REX	19	Rhapis excelsa	Lady Palm	15 gal	3'-4'	3' - 4'	Shade Grown - WaterWise: South Florida Landscapes Plant Guide		
SER	8	Serenoa repens `Cinerea`	Saw Palmetto	25 gal.	3'	3'	Florida Native - Drought Tolerant - WaterWise: South Florida Landscapes Plant Guide		
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH	SPACING		
PBM*	25	Philodendron `Burle Marx`	Philodendron `Burle Marx`	3 gal	2'	2'	24" o.c.		
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING		
PNF	417	Phylla nodiflora	Frogfruit	1 gal.			9" o.c.	Florida Native	
TAM	260	Trachelospermum asiaticum `Minima`	Minima Jasmine	1 gal			15" o.c.	WaterWise: South Florida Landscapes Plant Guide	
AGGREGATES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING		
GMG	56 sf	Gray Marble Gravel 1/2"	1/2" Grey Marble Gravel	S.F.				3" Layer - Substitute for Gray Pearcock if Desired	
MPB	703 sf	Mulch Pine Bark	Pine Bark Mini Nuggets Mulch	S.F.				3" Layer	
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING		
SSP	720 sf	Stenotaphrum secundatum `Palmetto`	Palmetto St. Augustine Grass	Sod				Shade tolerant	

2

REFERENCE_NOTES_SCHEDULE_THIRD_FLOOR		
SYMBOL	SITE FURNISHINGS DESCRIPTION	QTY
	Old Town Fiberglass Planter CL4830 CYLINDER WITH RIM 48"DIA. x 30"H **3" RIM** SUB SAUCER	8
	Old Town Fiberglass Planter CF481824 CARDIFF TAPERED RECTANGLE 48"L x 18"W x 24"H (42 lbs) SUB SAUCER Built in Perforated Sub-floor- Specify Siphon Tube or Drain Plug with Over Flow Plug	11



2

PLANT SCHEDULE THIRD FLOOR									
PALMS	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS	
CHU	4	Chamaerops humilis	Mediterranean Fan Palm	25 gal.	Multi Stems	5'-6'	4' - 6'	Single	
HLA2	4	Hyophorbe lagenicaulis	Bottle Palm	25 gal.	4'-6"	6'-8' OA	5'-6'		
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH			
AOD	3	Alcantarea odorata	Giant Silver Bromeliad	7 gal.	3'	3'-4'			
HLA	16	Hymenocallis latifolia	Spider Lily	3 gal	2'	2'	Native - WaterWise: South Florida Landscapes Plant Guide		
REX	13	Rhapis excelsa	Lady Palm	15 gal	3'-4'	3' - 4'			
Shade Grown - WaterWise: South Florida Landscapes Plant Guide									
LARGE SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH			
LGR	3	Licuala grandis	Licuala Palm	25 gal	3"	6' OA			
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH	SPACING		
EHY*	9	Equisetum hyemale	Horsetail Reed Grass	3 gal.	2' OA	1"	18" o.c.		
PBM*	24	Philodendron 'Burle Marx'	Philodendron 'Burle Marx'	3 gal.	2'	2'	24" o.c.	Native - Drought Tolerant	
AGGREGATES	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING		
MBP	48 sf	Mexican Black Pebbles	Black Pebbles	S.F.				3" Layer	
MPB	80 sf	Mulch Pine Bark	Pine Bark Mini Nuggets Mulch	S.F.					



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REVISIONS:

1

City Comments and Coordination 10-28-23

2

City Comments 01-11-24

3

City Comments and Coordination 03-12-24

4

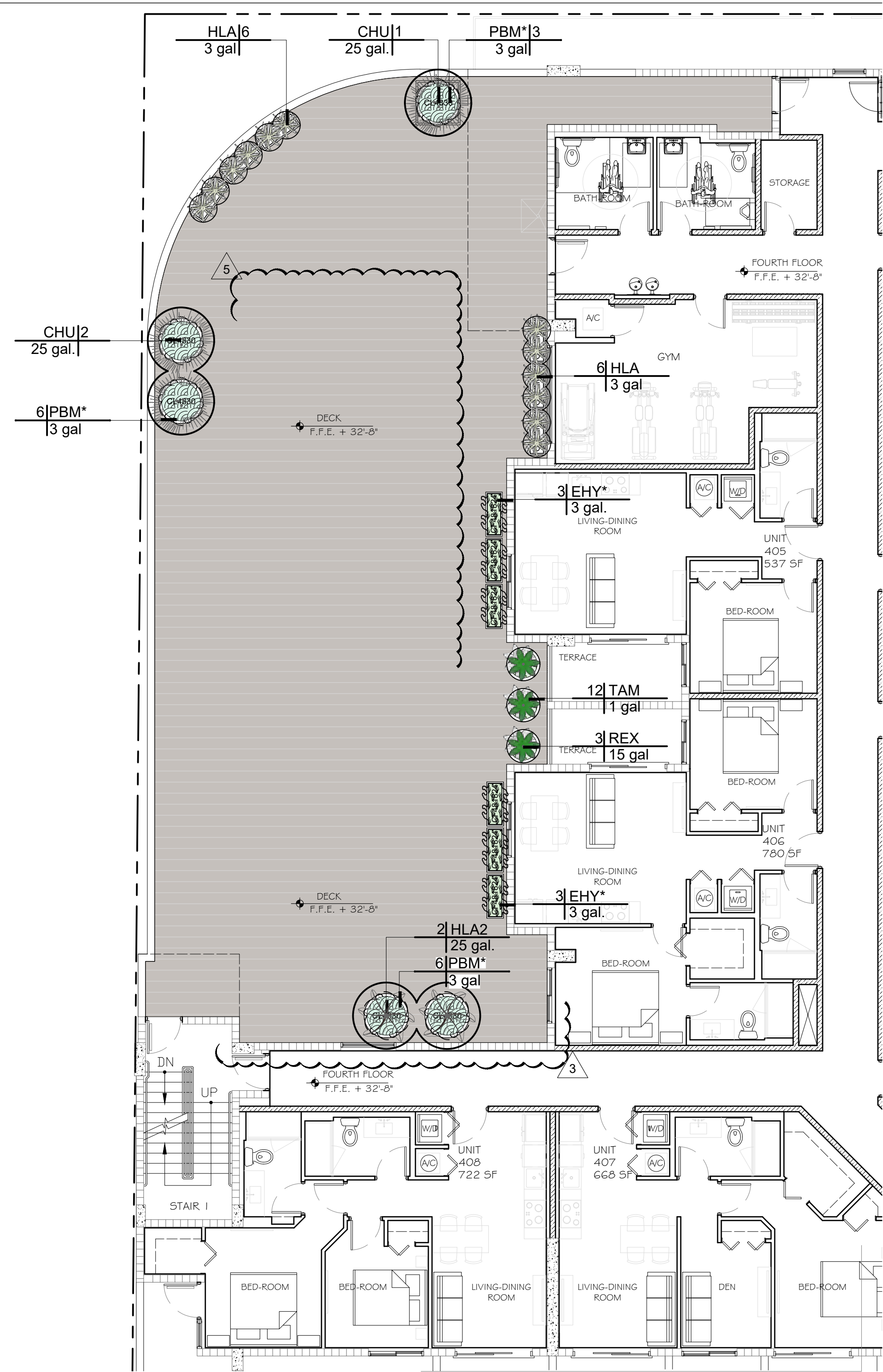
Coordination 11-05-24

PROJECT NAME

PARK SIDE VIEW
1807 MADISON STREET
HOLLYWOOD, FL 33020

SHEET INFORMATION:

Drawing Size 24x36
Project #: 2022-12-156 IAAI
Drawn By: ALD
Checked By: DL
Title:
LANDSCAPE PLAN,
SCHEDULE
& IMAGES
Sheet Number:
L-201
Date: - March 15, 2023



LANDSCAPE FOURTH FLOOR
SCALE: 0 8 16 24 feet
1/8" = 1'-0"



PLANT SCHEDULE FOURTH FLOOR

PALMS									
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS
	CHU	3	Chamaerops humilis	Mediterranean Fan Palm	25 gal.	Multi Stems	5'-6"	4' - 6"	
	HLA2	2	Hyophorbe lagenicaulis	Bottle Palm	25 gal.	4"-6"	6'-8" OA	5'-6"	Single
SHRUBS									
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH		
	HLA	12	Hymenocallis latifolia	Spider Lily	3 gal	2'	2'		Native - WaterWise: South Florida Landscapes Plant Guide
	REX	3	Rhapis excelsa	Lady Palm	15 gal	3'-4'	3' - 4'		Shade Grown - WaterWise: South Florida Landscapes Plant Guide
SHRUB AREAS									
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH	SPACING	
	EHY*	18	Equisetum hyemale	Horsetail Reed Grass	3 gal.	2' OA	1'	18" o.c.	Native - Drought Tolerant
	PBM*	15	Philodendron 'Burle Marx'	Philodendron 'Burle Marx'	3 gal	2'	2'	24" o.c.	
GROUND COVERS									
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SRD	SPACING	
	TAM	12	Trachelospermum asiaticum 'Minima'	Minima Jasmine	1 gal			15" o.c.	WaterWise: South Florida Landscapes Plant Guide



OLD TOWN FIBERGLASS PLANTER
MODEL: CURRENT / COLOR: TBD

REFERENCE_NOTES_SCHEDULE_FOURTH_FLOOR

SITE FURNISHINGS	QTY	DETAIL
DESCRIPTION		
Old Town Fiberglass Planter CL4830 CYLINDER WITH RIM 48"DIA. x 30"H ***3' RIM** SUB SAUCER	10	
Old Town Fiberglass Planter CU3642 CURRENT PLANTER 36" DIA x 42"H x 26" BASE (80 lbs) SUB SAUCER Built in Perforated Sub-floor- Specify Siphon Tube or Drain Plug with Over Flow Plug	6	
Old Town Fiberglass Planter CF481824 CARDIFF TAPERED RECTANGLE 48"L x 18"W x 24"H (42 lbs) SUB SAUCER Built in Perforated Sub-floor- Specify Siphon Tube or Drain Plug with Over Flow Plug	6	

1	City Comments and Coordination 10/28/23
2	City Comments and Coordination 03-12/24
3	Coordination 03/04/25

- NOTES:
- All mechanical equipment including, but not limited to Back Flow Preventor, Pumps, Electric, Phone or Cable Boxes, Lift Stations, Etc. shall be screened on 3 sides from view using an approved hedge, fence or wall.
 - All light poles if any shown on plan shall be a minimum of 15' from tree locations.
 - The Landscape Architect must be notified when the plant material has been set in place to approve final locations, prior to installation.

GENERAL NOTES

- Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All Utility companies and/or the General Contractor shall be notified to verify utility locations prior to digging. Utility trenching is to be coordinated with the Landscape plans prior to beginning of project. The Owner or Landscape Architect shall not be responsible for damage to utility or irrigation lines.
- Landscape Contractor shall examine the site and become familiar with conditions affecting the installation prior to submitting bids. Failure to do so shall not be considered cause for change orders.
- Landscape Contractor is responsible for verifying all plant quantities prior to bidding and within (7) seven calendar days of receipt of these plans shall notify the Landscape Architect in writing of any and all discrepancies. In case of discrepancies planting plans shall take precedence over plant list.
- No substitutions are to be made without prior consent of the Landscape Architect. Plant material supply is the responsibility of the Landscape Contractor, and he/she shall take steps to insure availability at time of planting.
- All plant material shall meet or exceed the size on the plant list. In all cases meeting the height and the spread specifications shall take precedence over container size.
- All planted areas to be outfitted with automatic irrigation system providing 100% coverage and 50% overlap. A rain sensor must be part of the irrigation system.
- Landscape Contractor shall be responsible for providing temporary hand watering to all proposed & landscape areas, during construction.
- The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the Tree/Palm Disposition Plan. The Landscape Contractor is to remove and discard from site existing unwanted trees, palms, shrubs, groundcovers, sod and weeds within landscape areas.
- All permitting and fees to be the responsibility of the Contractor.

PLANTING NOTES

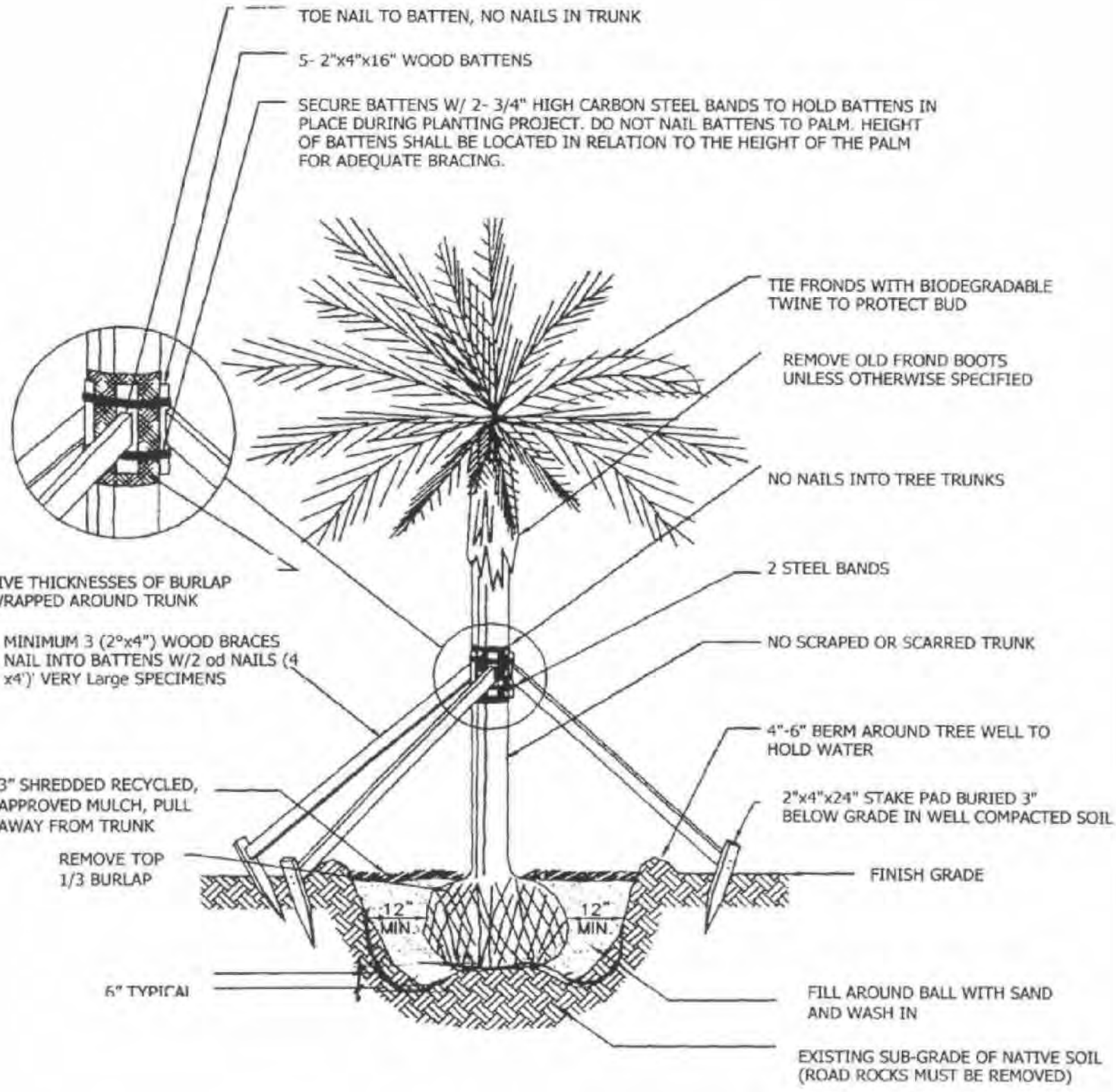
- Landscape Contractor shall furnish and install all trees, palms, shrubs, groundcover, sod, planting soil, herbicide, preemergence herbicide, seed, and mulch. Landscape Contractor to provide Landscape Architect with at least 5 days notice prior to tree installation.
- Landscape Contractor shall guarantee all plant material for a period of one year from the day of final acceptance by the Landscape Architect.
- All plant material shall be Florida #1 or better, as defined in the Grades and Standards for Nursery Plants, Part I and II by the State of Florida Department of Agriculture.
- Landscape Contractor is responsible for scheduling a nursery visit for Landscape Architect to approve all trees, palms and shrubs prior to delivery to the project site.
- Landscape Contractor shall coordinate his work with that of the Irrigation and Landscape Lighting Contractor.
- The Landscape Contractor shall treat planted areas with preemergence herbicide after weeds and grass have been removed. Landscape Contractor shall apply pre emergent herbicide per manufacturer's recommendation, wait period prior to planting as specified. Planting soil mix/backfill shall be clean and free of construction debris, weeds, rock and noxious pests and disease.
- All soil mix in plant beds for ground covers, shrubs, palms and trees shall be as per details. All other areas shall be dressed with a minimum of 4" topsoil "if required".
- All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.
- All synthetic burlap, string, cords or wire baskets shall be removed before trees are planted, without breaking the soil ball. All synthetic tape shall be removed from branches and trunks prior to final acceptance. The top 1/3 of natural burlap shall be removed, after the tree is set in the planting hole and before the tree is backfilled. Landscape Contractor is to check for root defects including deep planting in the root ball and circling roots, trees with root problems will not be accepted.
- Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Enviromulch immediately after planting. In no case shall Cypress mulch be used.
- All Trees/Palms in sod areas are to receive a 48" diameter mulched saucer at the base of the trunk respectively.
- Landscape Contractor shall guy and stake all trees and palms as per specifications and details. No nails, screws or wiring shall penetrate the outer surface of trees and palms. All guying and staking shall be removed twelve months after planting.
- All palm and tree guy wires and bracing are to be flagged for visibility, for their duration. All unattended and unplanted tree pits shall be properly barricaded and flagged during construction.
- All broken branches and clear trunk branches on street trees are to be pruned according to ANSI A - 300 Guidelines for Tree Pruning to min. 5' - 0" height clearance to the base of canopy.
- Landscape Contractor shall fertilize plant material as needed to support optimum healthy plant growth. All fertilization shall be performed in compliance with the latest ANSI A300 (Part 2) Standards.
- Stake all trees and palms for approval by Landscape Architect prior to installation.
- Any sod areas damaged by construction are to be replaced with St. Augustine "Floratam" sod.
- All areas within limits of work not covered by walks, buildings, playground, and/or any other hardscape feature shall be sodded with St. Augustine "Floratam" sod.
- St. Augustine "Floratam" - Contractor's responsibility to verify quantity.
- Install rootbarrier as per manufacturer's recommendation on all large trees that are 6' or closer to any pavement or building, as shown on details page.
- Root barrier shall be Vespro Inc. or approved equal.

5 GENERAL PLANTING NOTES
SCALE: N.T.S.

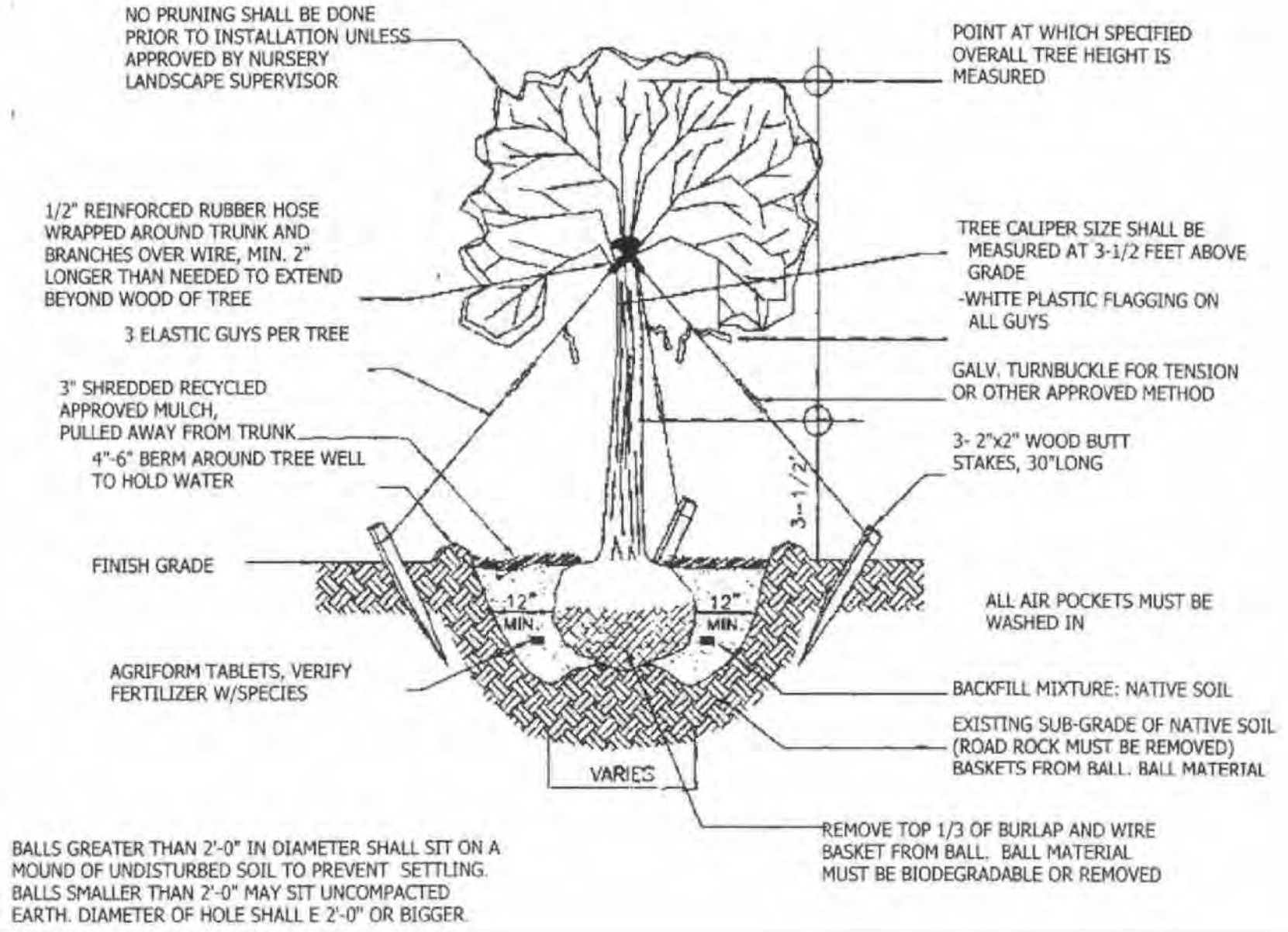
ONE YEAR - TREE MAINTENANCE PLAN
All newly planted trees to be guaranteed for a period of one year and in accordance with the following:

- Planting Day:
- Keep roots moist; **do not** allow the roots to dry out.
 - Remove turf from planting area.
 - Dig planting hole wide and shallow. The hole should be 2-3 times wider in all directions than the root spread.
 - Prune only dead or broken branches.
 - Remove all twine or rope from trunk and branches.
 - Remove planting container and burlap (any material that would constrict growth of roots; wire, plastic, wooden basket)
 - Make sure that root flare is at soil level. (Rule of thumb first root closest to soil should be an inch below soil surface).
 - Do not use amendments in the planting hole.
 - Water tree at planting to remove air pockets. After backfilling gently firm soil, do not pack soil. Heavy packing will remove air space in -soil.
 - Do not mound soil against trunk of tree.
 - Mulch over entire rooting area with 2-4" of mulch (wood chips, shredded bark, etc.) Keep mulch 2-4" from trunk of tree since this could create a favorable environment for fungi.
 - Fertilizer is not recommended for newly planted trees. (Consider time-released fertilizer, if there is a need to fertilize).
- After Planting:
- Plants shall be watered in accordance with specification as provided on the irrigation plans.
 - All lawn areas shall be mowed weekly during growing season and bi-weekly in non-growing season.
 - Fertilizer shall be applied in the fall or early spring. Although it is not harmful to apply fertilizer at any time during the year.
 - Inspect trees for disease or insect problems.
 - Monitor health and vigor of trees.
 - Pruning of all shrubs shall be done regularly to control shape and form. All pruning shall be done in accordance with the American National Standards Institute (ANSI) A-300 standards.
- After One Year:
- Continue to monitor trees health and vigor. Inspect for disease and insect problems. Inspect evergreen trees for winter injury and fruit trees for rodent damage.
 - Remove tree wrap from thin bark trees in spring.
 - Remove stakes from trees planted previous year.
 - All plants shall be mulched on a yearly basis or as needed to maintain healthy grown and reduce weed growth.
 - Begin corrective pruning trees one year after trees are planted (general rule of thumb is to remove no more than $\frac{1}{4}$ of the foliage at one time). All pruning shall be done in accordance with the American National Standards Institute (ANSI) A-300 standards.
 - Continue watering trees when needed.
 - Replace dead trees as needed, if trees have died in first year notify nursery that planted trees. They should guarantee trees for at least one year.

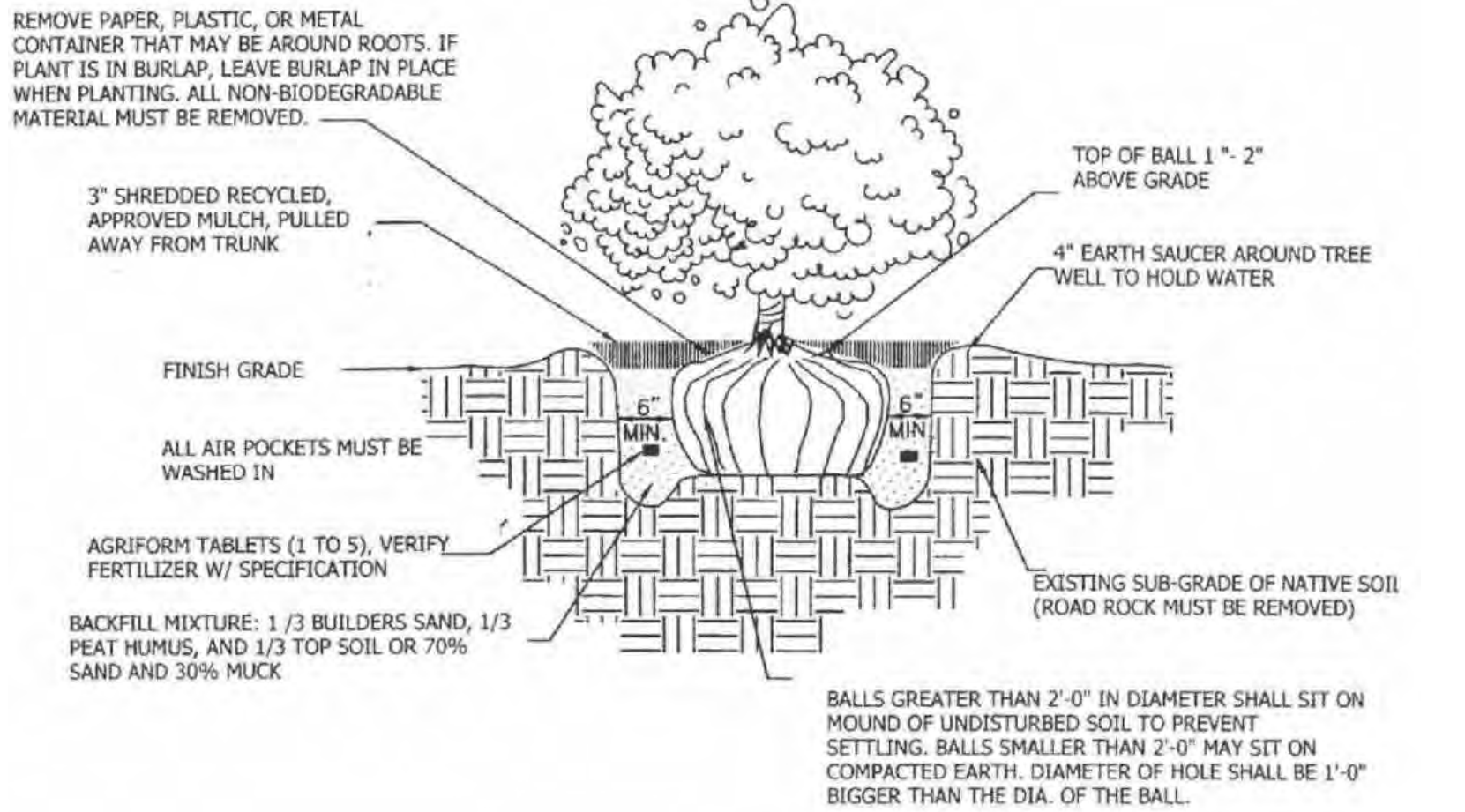
4 ONE YEAR TREE MAINTENANCE PLAN
SCALE: N.T.S.



1 PALM PLANTING DETAIL
SCALE: N.T.S.



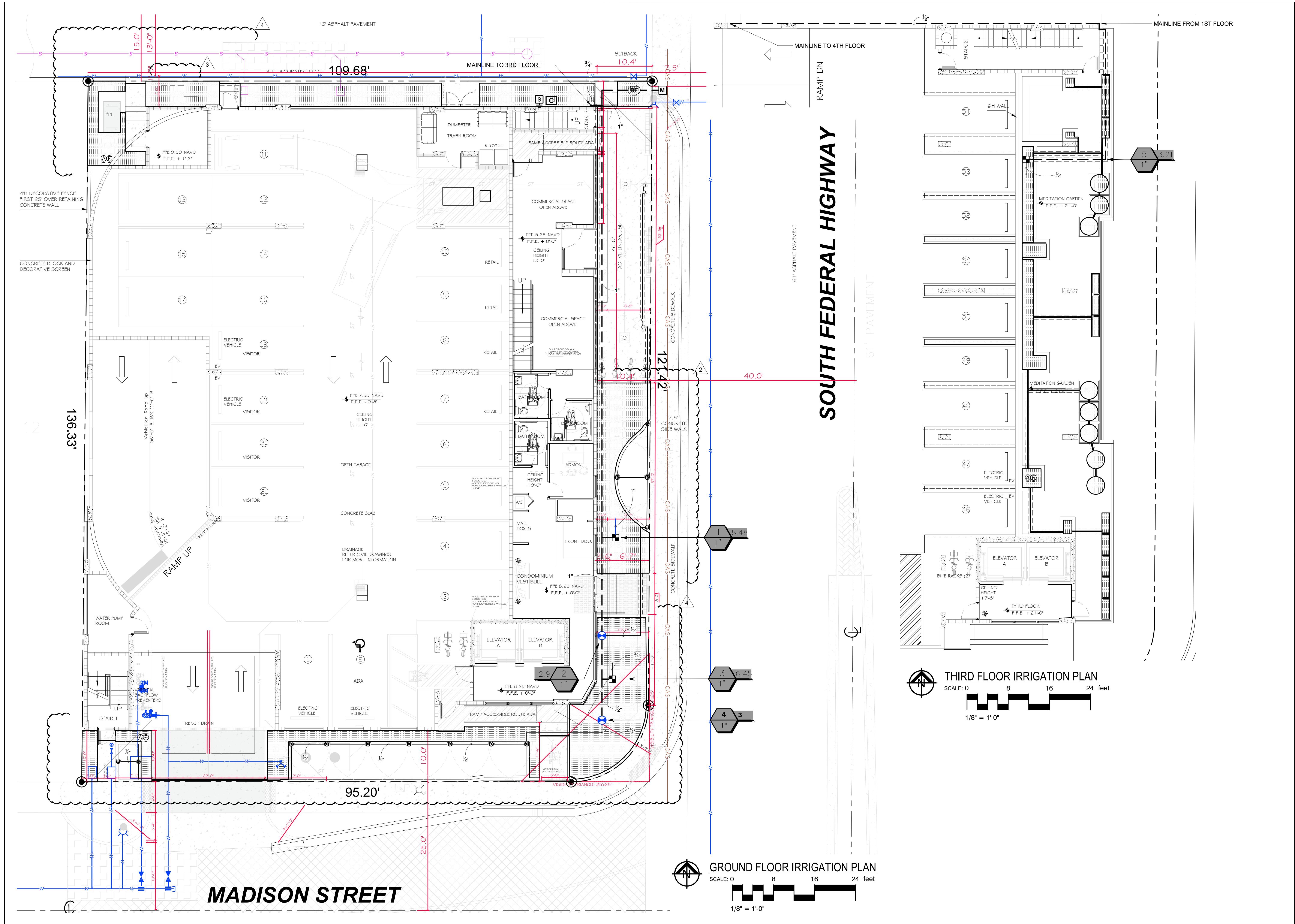
2 TREE PLANTING DETAIL
SCALE: N.T.S.



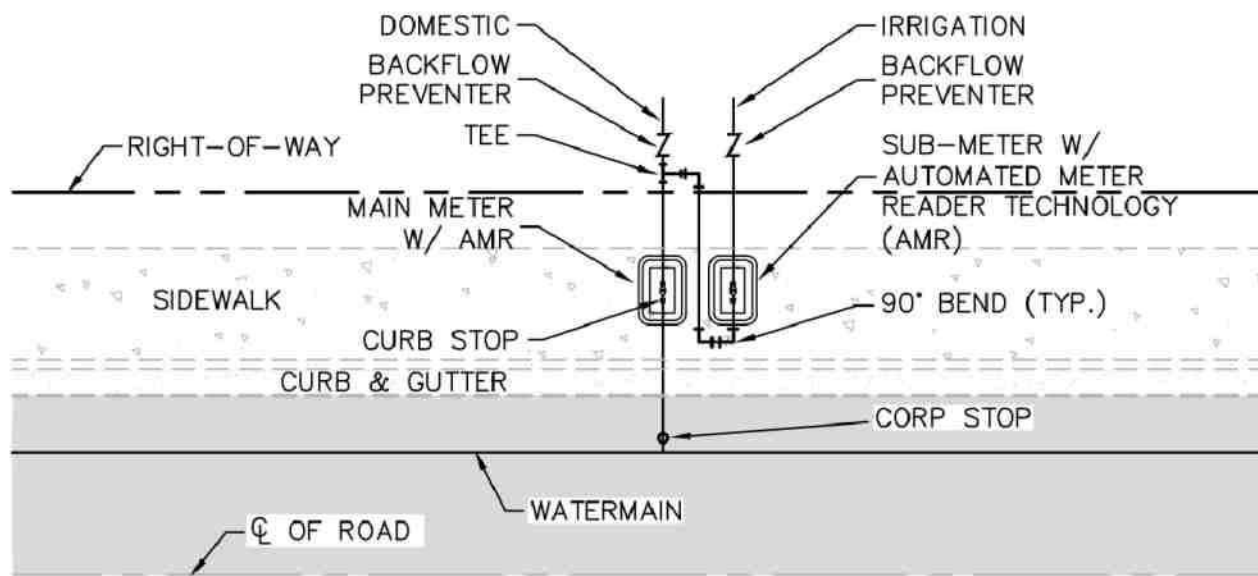
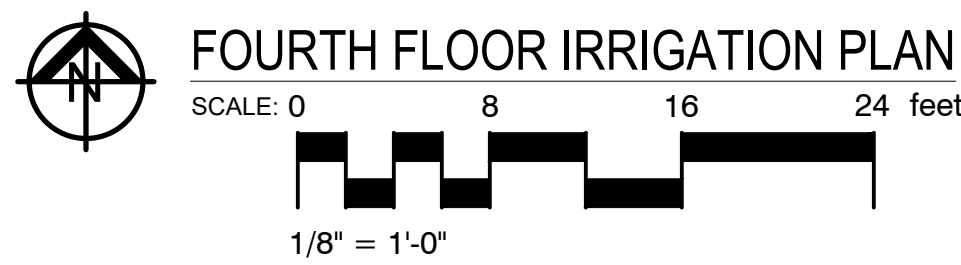
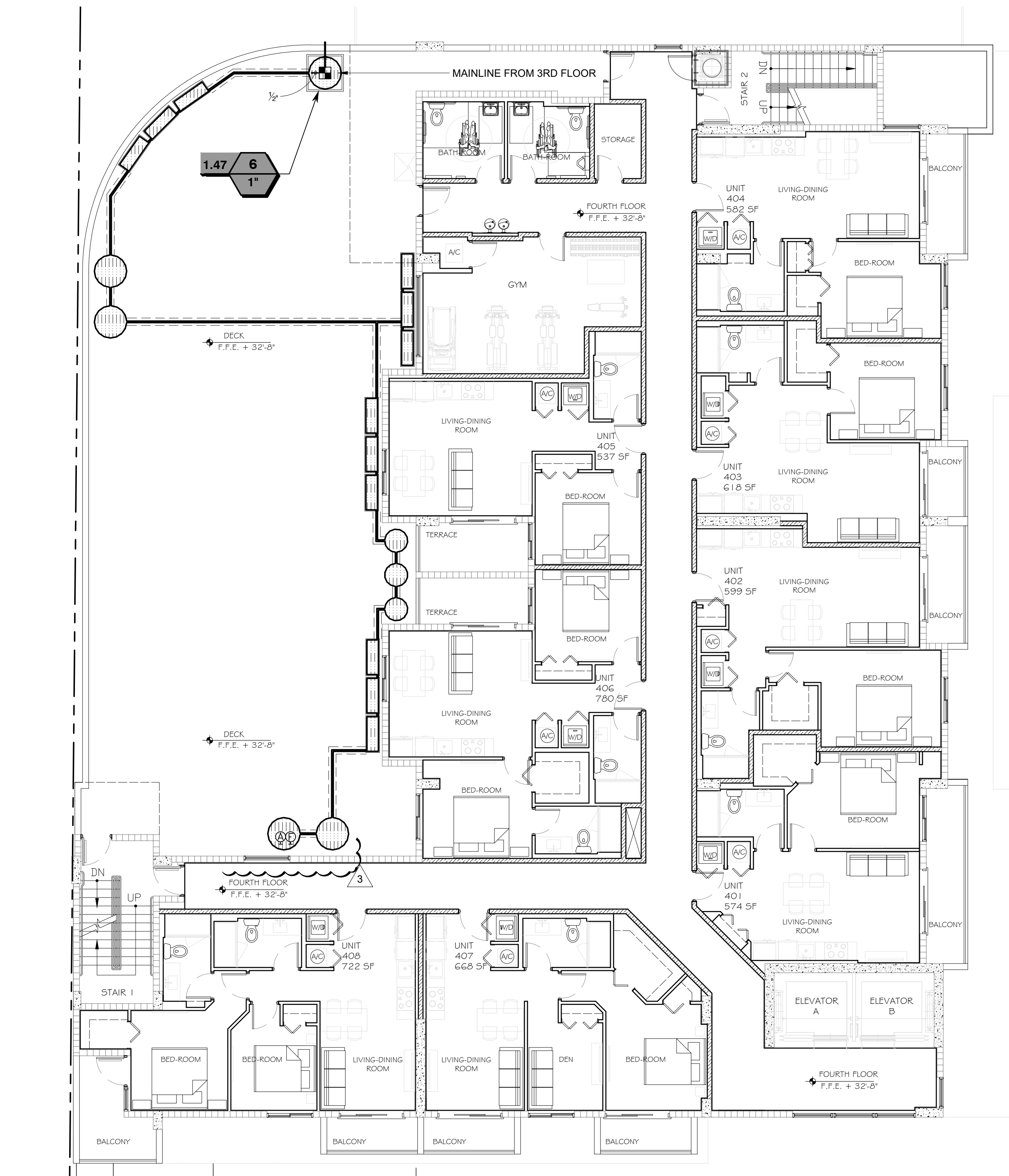
3 SHRUBS PLANTING DETAIL
SCALE: N.T.S.

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Drawing Size	24x36
Project #:	2022-12-156 IAAI
Drawn By:	ALD
Checked By:	DL
Title:	LANDSCAPE NOTES & DETAILS
Sheet Number:	L-202
Date:	- March 15, 2023



ALL LANDSCAPE DATA INC		DERICK LANGE		DERICK LANGE	
Landscape (Architecture + Plant Information)		Landscape Architect LA666705		Landscape Architect LA666705	
(305) 303 7059 / 4459 NW 97 CT.		ISA Certified Arborist FL0459A		ISA Certified Arborist FL0459A	
Doral, FL 33178		www.alllandscapedata.net		www.alllandscapedata.net	
www.alllandscapedata.com					
PROJECT NAME		REVISIONS:		SHEET INFORMATION:	
PARK SIDE VIEW 1807 MADISON STREET HOLLYWOOD, FL 33020		1 City Comments and Coordination 10-28-23		Drawing Size 24x36	
		2 City Comments 01-11-24		Project #: 2022-12-156 IAAI	
		3 City Comments and Coordination 03-12-24		Drawn By: ALD	
		4 Coordination 11-05-24		Checked By: DL	
				Title: 1ST & 3RD FLOOR IRRIGATION PLAN	
				Sheet Number: IR-100	
				Date: - March 15, 2023	



NOTES:

- MUST USE RECTANGULAR BOX TO ACCOMMODATE BOTH THE SUB-METER AND SHUT-OFF VALVE.
- MUST HAVE SHUT-OFF VALVE ON INLET SIDE BEFORE METER.
- MUST PLACE SUB-METER BOX WITHIN 5 FEET OF MAIN METER, EASILY ACCESSIBLE TO METER READER.
- MUST CALL METER SHOP AT 305-673-7681 WHEN INSTALLATION IS COMPLETED FOR FINAL INSPECTION IN ORDER TO OBTAIN SEWER CREDIT.
- SUB-METER CANNOT BE LARGER THAN THE DOMESTIC METER WATER SERVICE LINE.

1 SUB-METER INSTALLATION DETAIL
SCALE: N.T.S.

GENERAL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES, CONTRACT DRAWINGS, CONTRACT SPECIFICATIONS, AND APPENDIX "F" OF THE FLORIDA BUILDING CODE.

IRRIGATION DESIGN BASED ON "PLANTING PLAN". CONTRACTOR SHALL REFER TO THIS PLAN TO COORDINATE SPRINKLER LOCATIONS AND PIPE ROUTING WITH NEW AND EXISTING PLANT LOCATIONS.

THIS PLAN SHALL BE USED AS A GUIDE ONLY. IRRIGATION SHALL BE INSTALLED TO MATCH ON SITE CONDITIONS AND TO OVERCOME THE INHERENT INACCURACIES THAT RESULT WHEN DESIGNING FROM BASE PLANS.

THIS IRRIGATION HAS BEEN DESIGNED AS A TYPICAL BLOCK VALVE TYPE USING TORO SPRINKLERS, IN-LINE VALVES AND CONTROL SYSTEM. A RAIN SENSOR SHALL BE INSTALLED TO CONSERVE WATER.

IRRIGATION SHALL BE INSTALLED AND MAINTAINED TO MINIMIZE UNDESIRABLE OVERTHROW ONTO PAVEMENT, SIDEWALKS, AND BUILDINGS.

CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH SITE CONDITIONS, AND SHALL REFER TO THE PLANS FOR ADDITIONAL INFORMATION.

TO ENSURE PROPER OPERATION, SOURCE SIZE, VALVE SIZES, ZONE CAPACITIES, AND SPRINKLER, PIPE AND WIRE SIZES, AND INSTALLATION NOTES AND DETAILS SHALL BE FOLLOWED AS SHOWN.

CONTRACTOR IS TO PROVIDE AN AS-BUILT DRAWING OF THE IRRIGATION SYSTEM TO THE OWNER AND LANDSCAPE ARCHITECT.

PIPING PIPE ROUTING IS SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS.

PIPE SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES, SECTION "F" OF THE FLORIDA BUILDING CODE, AND PIPE MANUFACTURER'S INSTRUCTIONS.

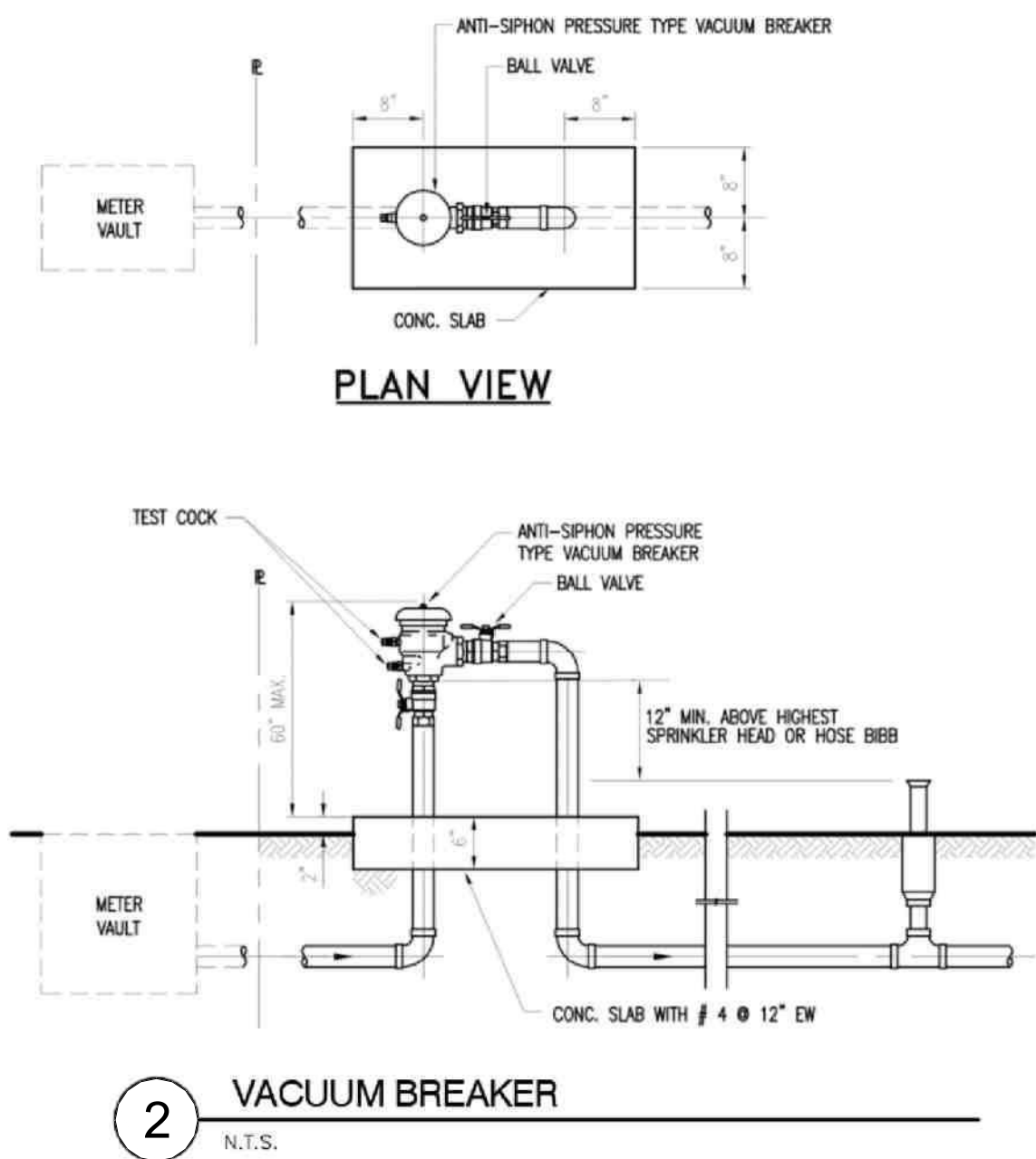
PIPE ROUTED UNDER HARDSCAPED AREAS SHALL BE SLEEVED IN SCH 40 PVC. EACH SLEEVE SHALL BE: (1) BURIED TO A MINIMUM DEPTH OF 24", (2) TWO PIPE SIZES LARGER THAN CARRIER PIPE, AND (3) EXTENDED 3' BEYOND HARDSCAPED AREA ON EACH END. CONTRACTOR SHALL REFER TO LOCATION OF EXISTING SLEEVES.

PIPE SIZED TO LIMIT FLOW VELOCITIES TO 5 FEET/SECOND AND TO LIMIT FRICTION LOSS IN THE PIPING NETWORK.

PIPE SHALL BE INSTALLED AT SUFFICIENT DEPTH BELOW GROUND TO PROTECT IT FROM HAZARD SUCH AS VEHICULAR TRAFFIC OR ROUTINE OCCURRENCES WHICH OCCUR IN THE NORMAL USE AND MAINTENANCE OF THE PROPERTY. DEPTHS OF COVER SHALL MEET OR EXCEED SCS CODE 430-DD, REFER TO THE APPLICABLE DETAIL FOR ADDITIONAL INFORMATION.

BACKFILL SHALL BE OF SUITABLE MATERIAL FREE OF ROCKS, STONES, AND OTHER DEBRIS THAT WOULD DAMAGE IRRIGATION SYSTEM COMPONENTS.

A GATE VALVE SHALL BE INSTALLED FOR ISOLATION. THIS VALVE SHALL BE TO LINE SIZE AND INSTALLED IN A VALVE BOX. POROUS MATERIAL SHALL BE INSTALLED PER BOX TO PROMOTE DRAINAGE.



2 VACUUM BREAKER
N.T.S.

SPRINKLERS SPRINKLER LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR LANDSCAPING, FENCES, SITE LIGHTING, PREVAILING WIND, MOUNDING, ETC., TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. A PRIME OBJECTIVE SHALL BE TO ELIMINATE OVERTHROW ONTO PAVEMENT, SIDEWALKS, AND THE RESIDENCE.

POP-UP TYPE LOCATED IN SOD, MULCH, AND GROUND COVERS SHALL BE INSTALLED ON FLEXIBLE SWING JOINTS CONSISTING OF THICKWALLED POLY PIPE AND 1/2" INSERT ELBOWS.

EACH SPRINKLER SHALL BE EQUIPPED WITH THE APPROPRIATE PRECISION SPRAY NOZZLE AND SHALL HAVE THE X-FLOW FEATURE.

ADJUSTMENT FEATURES OF SPRINKLERS SPECIFIED SHALL BE UTILIZED TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. LOW ANGLE, FLAT SPRAY, AND ADJUSTABLE ARC NOZZLES SHALL BE USED TO MINIMIZE OVERTHROW.

SPRINKLERS LOCATED ADJACENT TO HARDSCAPED AREAS SHALL BE INSTALLED AWAY FROM HARDSCAPED AREAS TO MINIMIZE OVERTHROW AND THE CHANCE OF DAMAGE BY VEHICLES, PEDESTRIANS, AND LAWN MAINTENANCE PERSONNEL. AS A GENERAL RULE, 6" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 4", SHRUB HEADS AND 12" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 12".

CONTROL SYSTEM CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS. PROPER GROUNDING EQUIPMENT SHALL BE PROVIDED.

CONTROLLER LOCATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. A 110 VAC ELECTRIC SOURCE IS REQUIRED.

CONTROL LINES FROM AUTOMATIC CONTROLLER TO IN-LINE AUTOMATIC VALVES SHALL BE #14 AWG DIRECT BURIAL UF TYPE WHICH SHALL BE: (1) INSTALLED IN ACCORDANCE WITH LOCAL CODES, (2) INSTALLED IN SCH 40 PVC WIRE CONDUIT, (3) BURIED TO A MINIMUM DEPTH OF 15", (4) COLORED CODED TO FACILITATE TROUBLESHOOTING, AND (5) SPLICED MOSTLY AT VALVE LOCATIONS. SPLICES SHALL BE MADE WATERPROOF USING APPROVED METHODS. SPARE WIRES SHALL BE ROUTED FROM THE CONTROLLER IN ALL DIRECTIONS TO THE FARTHEST VALVES CONTROLLED.

AN INDIVIDUAL CONTROL WIRE SHALL BE ROUTED TO EACH VALVE AND VALVES WHICH OPERATE SIMULTANEOUSLY SHALL BE TIED TOGETHER AT THE CONTROLLER.

AUTOMATIC VALVE LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A VALVE BOX. A MINIMUM OF ONE CUBIC FOOT OF GRAVEL SHALL BE PROVIDED PER BOX TO PROMOTE DRAINAGE.

THE RAIN SENSOR SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

TIMING AND PRECIPITATION

TIMING OF EACH STATION SHALL BE SET IN THE FIELD TO MATCH LOCAL REQUIREMENTS. REFER TO ZONE SUMMARY CHART FOR RECOMMENDED RUN TIMES TO APPLY 1.0 INCHES/WEEK.

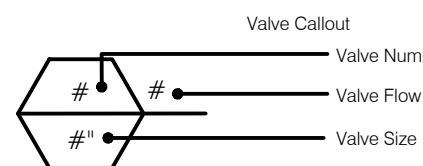
3 IRRIGATION NOTES
SCALE: NTS

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Toro 5702-6LP-PC 5 Series Turf Spray, 6" Pop-Up, with a Zero Flush Seal. Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	4	30
	Toro 5702-6LP-PC 8" radius Turf Spray, 6" Pop-Up, with a Zero Flush Seal. Low Pressure Sealing, allowing for pop-up and retraction at lower pressures. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	9	30
	Toro 570S-SB-PC Pressure Compensating Shrub Stream Spray Bubbler on Fixed Fliser.	4	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Toro DZK-EZF-1-MF 1" Medium Flow Drip Control Valve Kit. With 1" EZ-Flo Plus Valve, Toro Y-Filter, and Medium-Flow Pressure Regulator and Fittings. 5gpm-20gpm.	4
	Toro T-FCH-H-FIPT Flush Valve, plumbed to flush manifold at low point.	4
	Toro T-YD-500-34 1/2" Air Vent- MIPT Air Release and Vacuum Relief Valve	4
	Area to Receive Dripline Toro RGP-412 Sub-Surface Pressure Compensating Landscape Dripline with ROOTGUARD technology. 1.00 GPH emitters at 12" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	1,174 l.f.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Toro 252-26 Globe 1" Electric, 1" 1-1/2", and 2" In-Line Plastic Remote Control Valve. Includes Flow Control, Globe Body Configuration, Debris-Resistant Valve.	2
	Febco 765 1" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12in. 1 above highest downstream outlet and the highest point in the downstream piping.	1
	Toro EVO-040D with (02) EMOD-04 12 Station Outdoor Controller. Includes two 4-station Expansion Module. Ideal for residential and light-commercial applications.	1
	Toro Rain Sensor TWRS Wireless Rain Sensor Transmitter and Receiver. Mount Sensor Transmitter as noted or approved, mount Sensor Receiver next to Irrigation Controller as noted or approved, use controller power or optional transformer. Adjustable rain shut-off point.	1
	Water Meter 1"	1
	Irrigation Lateral Line: PVC Schedule 40 1/2"	220.5 l.f.
	Irrigation Lateral Line: PVC Schedule 40 3/4"	3.1 l.f.
	Irrigation Lateral Line: PVC Schedule 40 1"	3.8 l.f.
	Irrigation Mainline: PVC Schedule 40 1/2"	1,112 l.f.
	Pipe Sleeve: PVC Class 200 SDR 21	387.2 l.f.

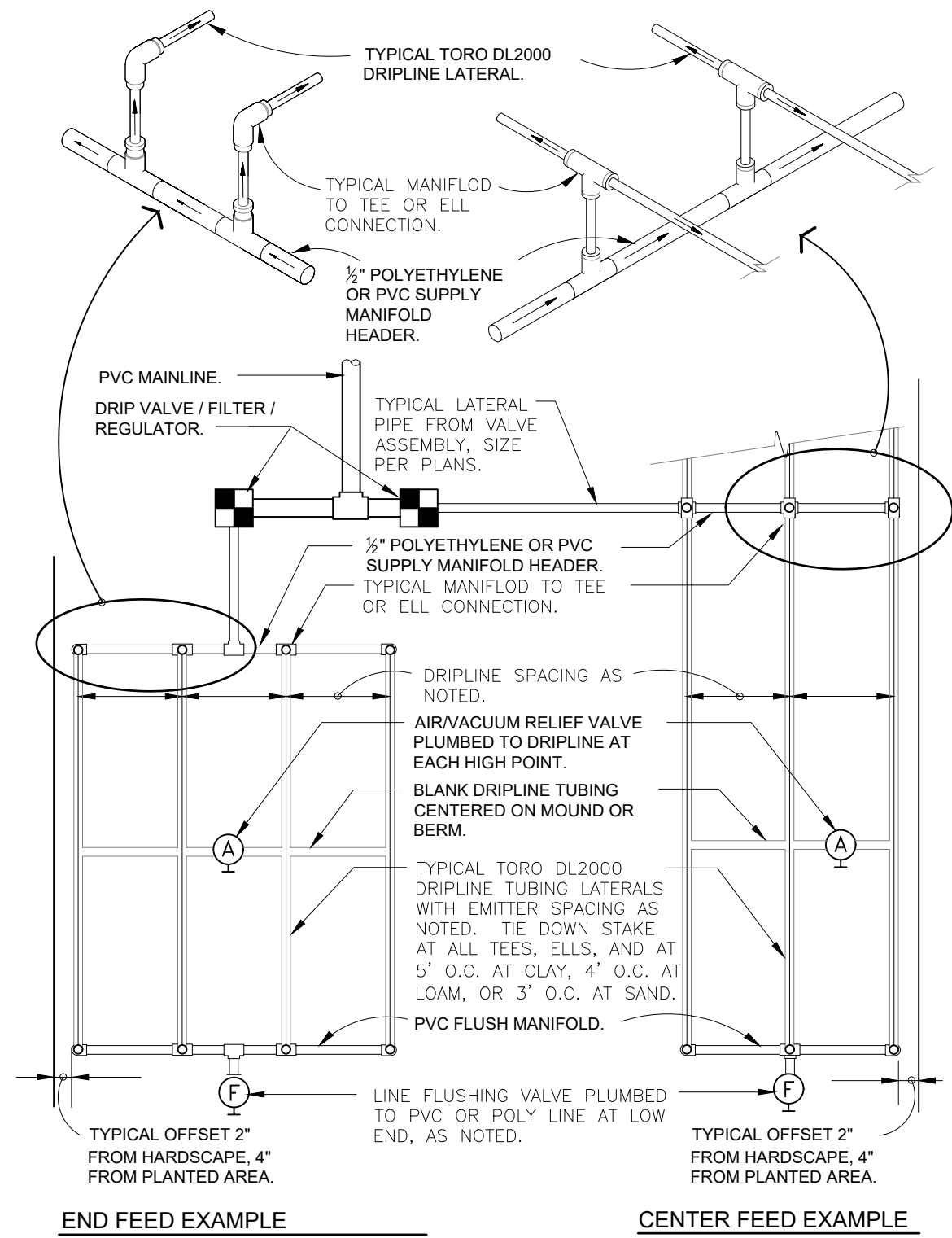


VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Toro DZK-EZF-1-MF	1"	Area for Dripline	8.48	842.4	47.6		1.07 in/h
2	Toro 252-26 Globe	1"	Turf Spray	2.9	858.8	35.1		1.67 in/h
3	Toro DZK-EZF-1-MF	1"	Area for Dripline	6.45	869.2	43.2		1.07 in/h
4	Toro 252-26 Globe	1"	Turf Spray	3	875.2	34.5		0.7 in/h
5	Toro DZK-EZF-1-MF	1"	Area for Dripline	3.21	799.1	39.6		1.07 in/h
6	Toro DZK-EZF-1-MF	1"	Area for Dripline	1.47	937.7	38.9		1.07 in/h
	Common Wire				1,112			

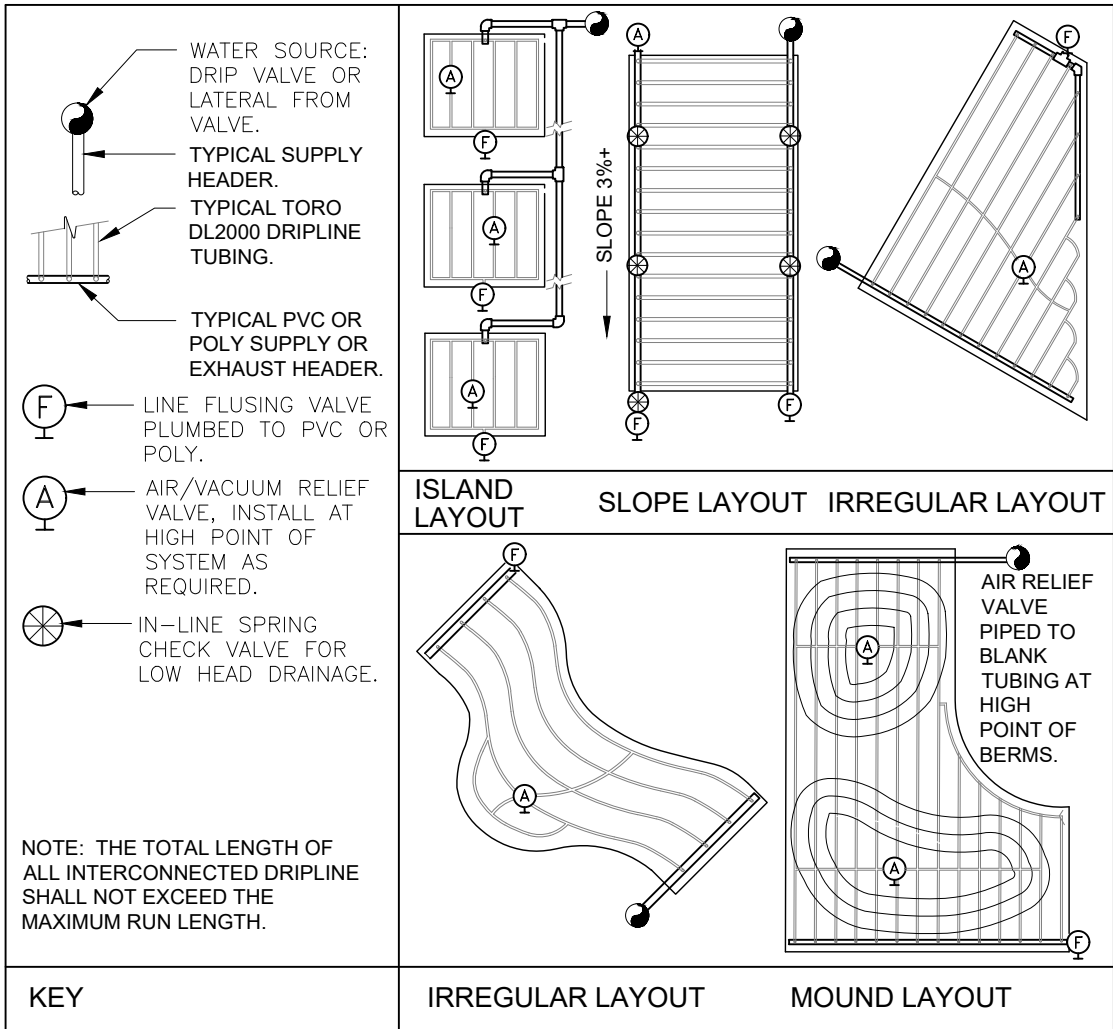
NOTES:

- THE ASSEMBLY SHALL BE INSTALLED WITH MINIMUM HORIZONTAL CLEARANCES OF 30 INCHES FREE FROM OBSTRUCTIONS IN ALL DIRECTIONS.
- GUARD POSTS SHALL BE INSTALLED IF THE ASSEMBLY IS EXPOSED TO POSSIBLE DAMAGE FROM VEHICULAR TRAFFIC, AS DETERMINED BY THE DEPARTMENT.
- THE ASSEMBLY SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION, APPROVED BY THE DEPARTMENT.
- PIPING SHALL BE SCHEDULE 40 BRASS OR TYPE K COPPER PIPE WITH THREADED FITTINGS IN ACCORDANCE WITH WADO CONSTRUCTION SPECIFICATIONS FOR DOMESTIC WATER MAINS. PVC PIPING IS NOT ACCEPTED BY WADO.
- THE DEPARTMENT SHALL HAVE UNRESTRICTED AND CONTINUOUS ACCESS TO THE VACUUM BREAKER ASSEMBLY.
- SEE SPECIFICATIONS AND CONTACT DEPARTMENT FOR CURRENTLY APPROVED TYPES OF BACKFLOW PREVENTION ASSEMBLIES AND PRESSURE VACUUM BREAKERS (SEE WS 4.18 SHEET 4 OF 4)

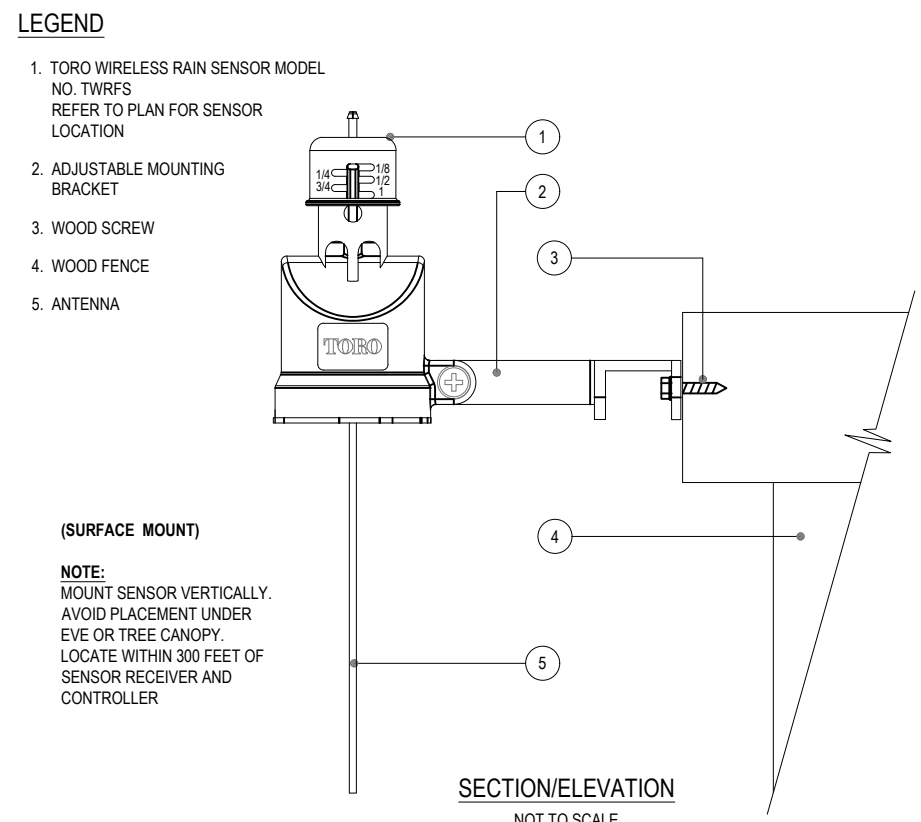


MAXIMUM RECOMMENDED LENGTH OF RUN AT 0% SLOPE									
DRIPLINE TYPE	FLOW RATE	EMITTER SPACING	15 PSI	25 PSI	30 PSI	40 PSI			
RPG212	0.53 GPH	12"	250'	360'	400'	460'			
RPG218	0.53 GPH	18"	350'	515'	565'	650'			
RPG412	1.0 GPH	12"	150'	240'	260'	300'			
RPG418	1.0 GPH	18"	240'	340'	375'	430'			

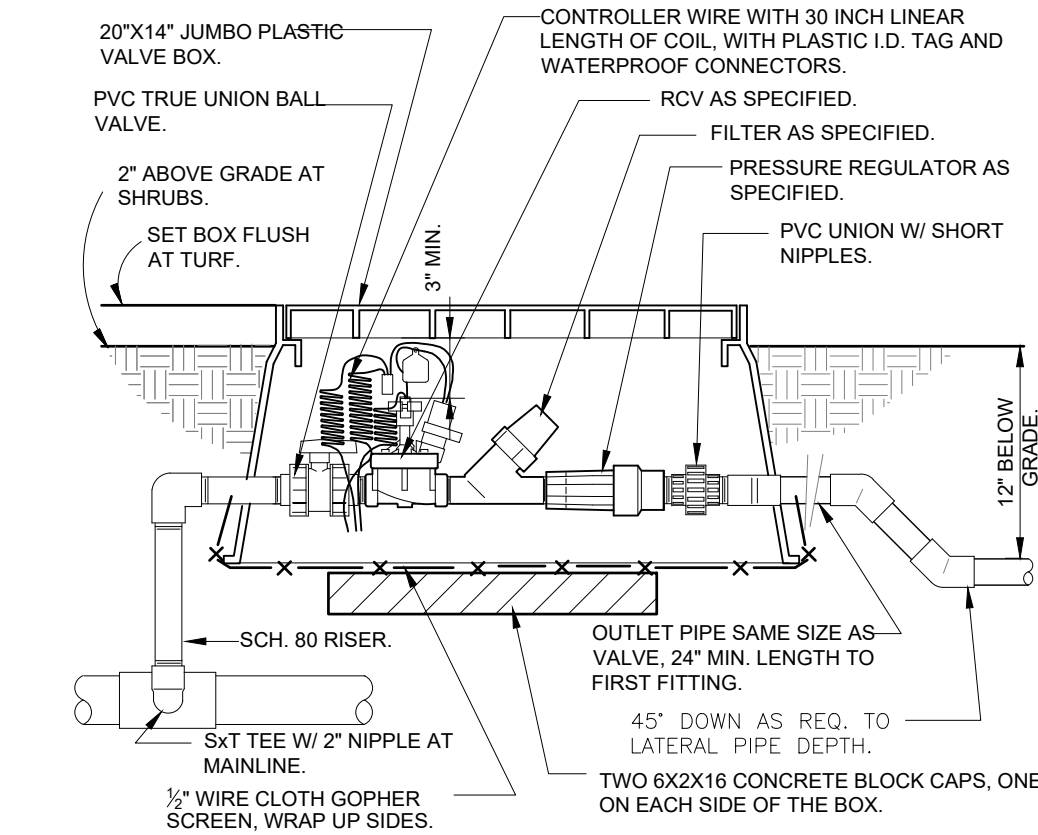
FLOW RATE PER 100 LINEAR FEET @ 20 PSI				
DRIPLINE TYPE	FLOW RATE	EMITTER SPACING	ACTUAL FLOW GPH	/ 100 FT. GPM
RPG212	0.53 GPH	12"	53.00	0.88
RPG218	0.53 GPH	18"	35.33	0.59
RPG412	1.0 GPH	12"	102.00	1.70
RPG418	1.0 GPH	18"	67.99	1.13



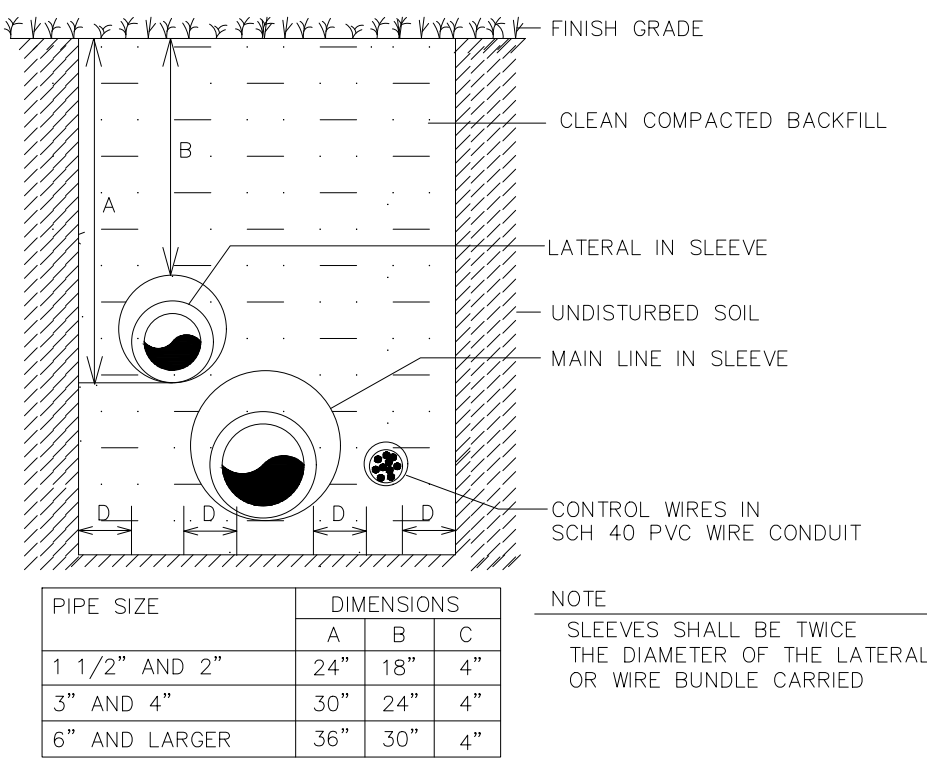
1 TORO DL2000 DRIPLINE
3" = 1'-0"
328403.53--03



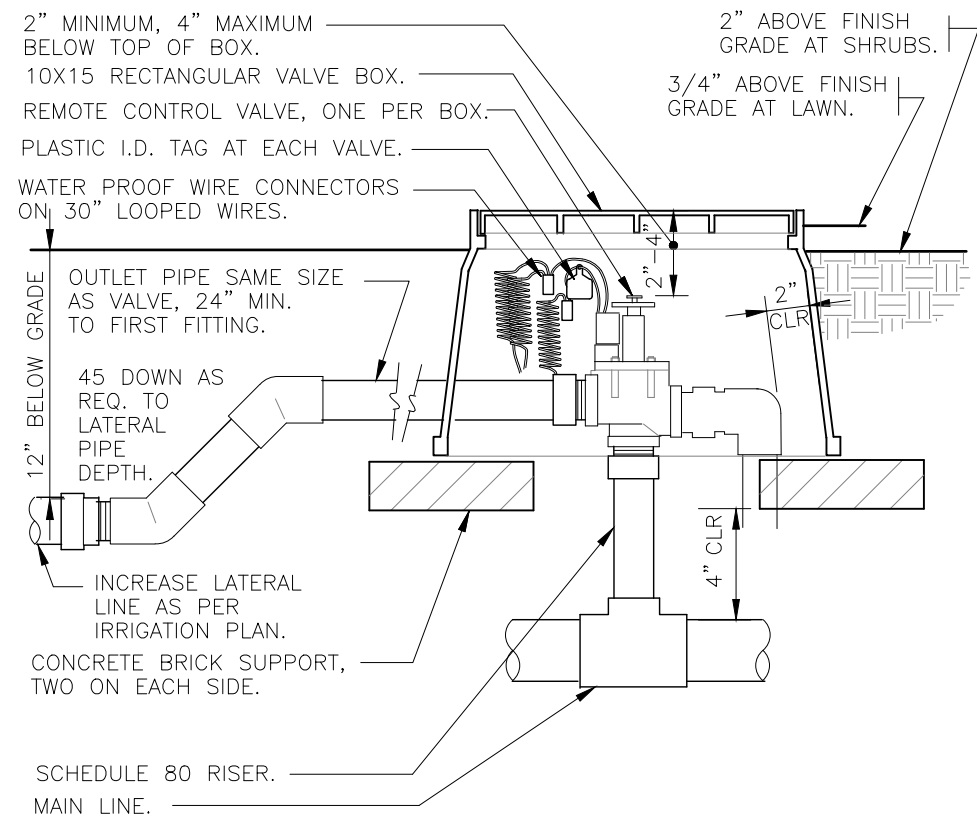
8 TORO - TWRS WIRELESS RAIN SENSOR
N.T.S.
DETAIL-FILE



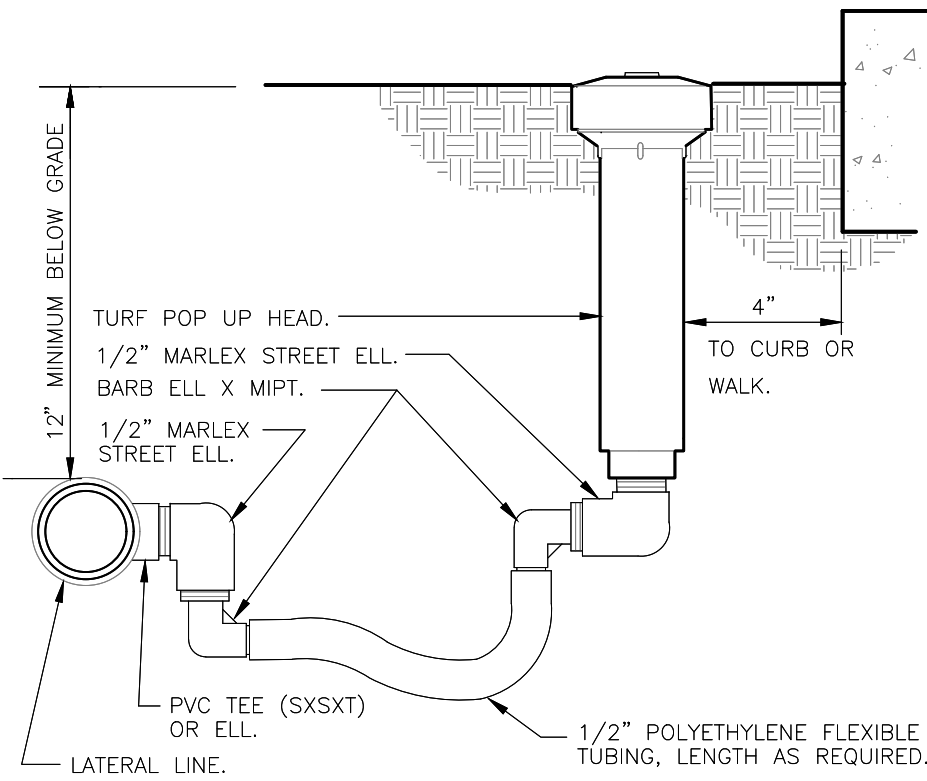
9 1" DRIP VALVE/FILTER/REGULATOR
1 1/2" = 1'-0"
328413.76--23



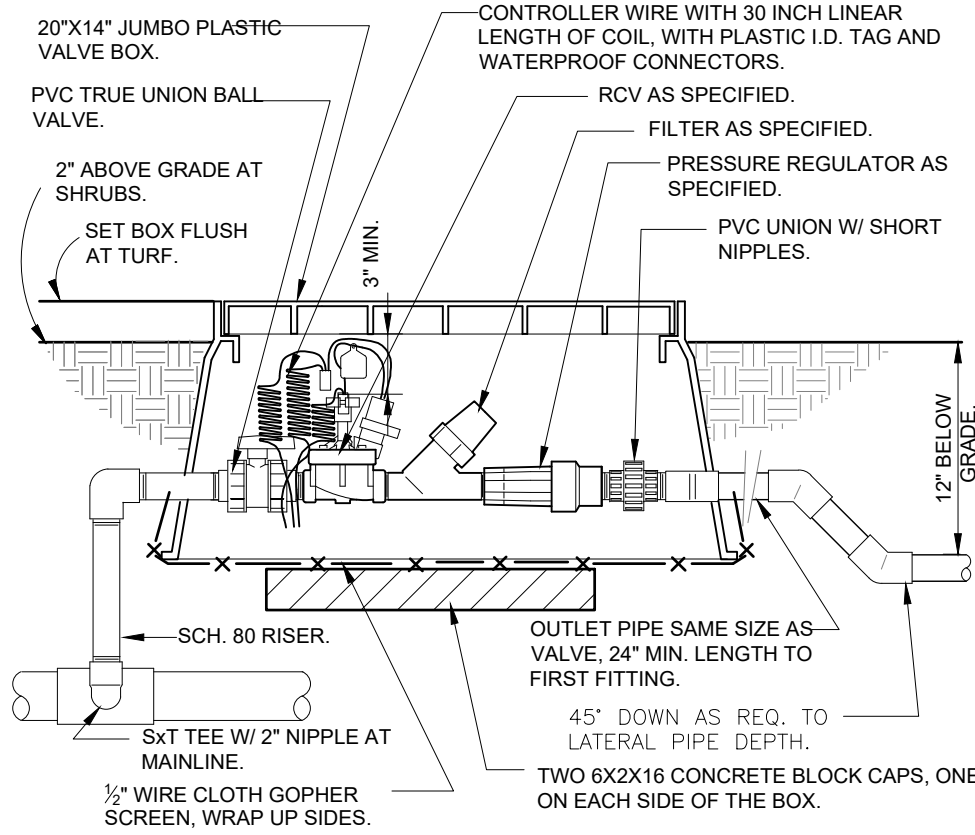
10 TRENCHING DETAILS / VEHICULAR TRAFFIC AREAS
N.T.S.
10



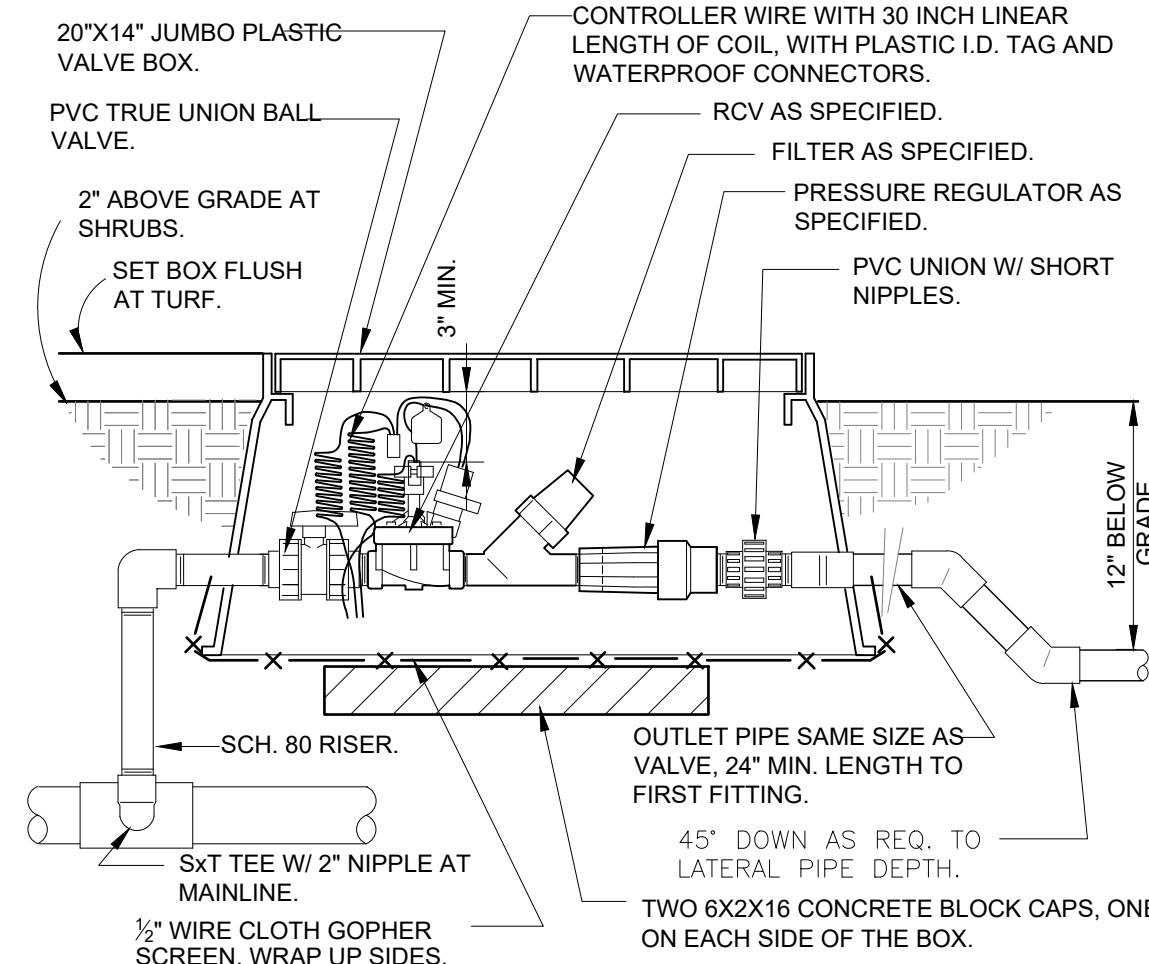
2 ELECTRIC REMOTE CONTROL VALVE
1 1/2" = 1'-0"
328403.53-03



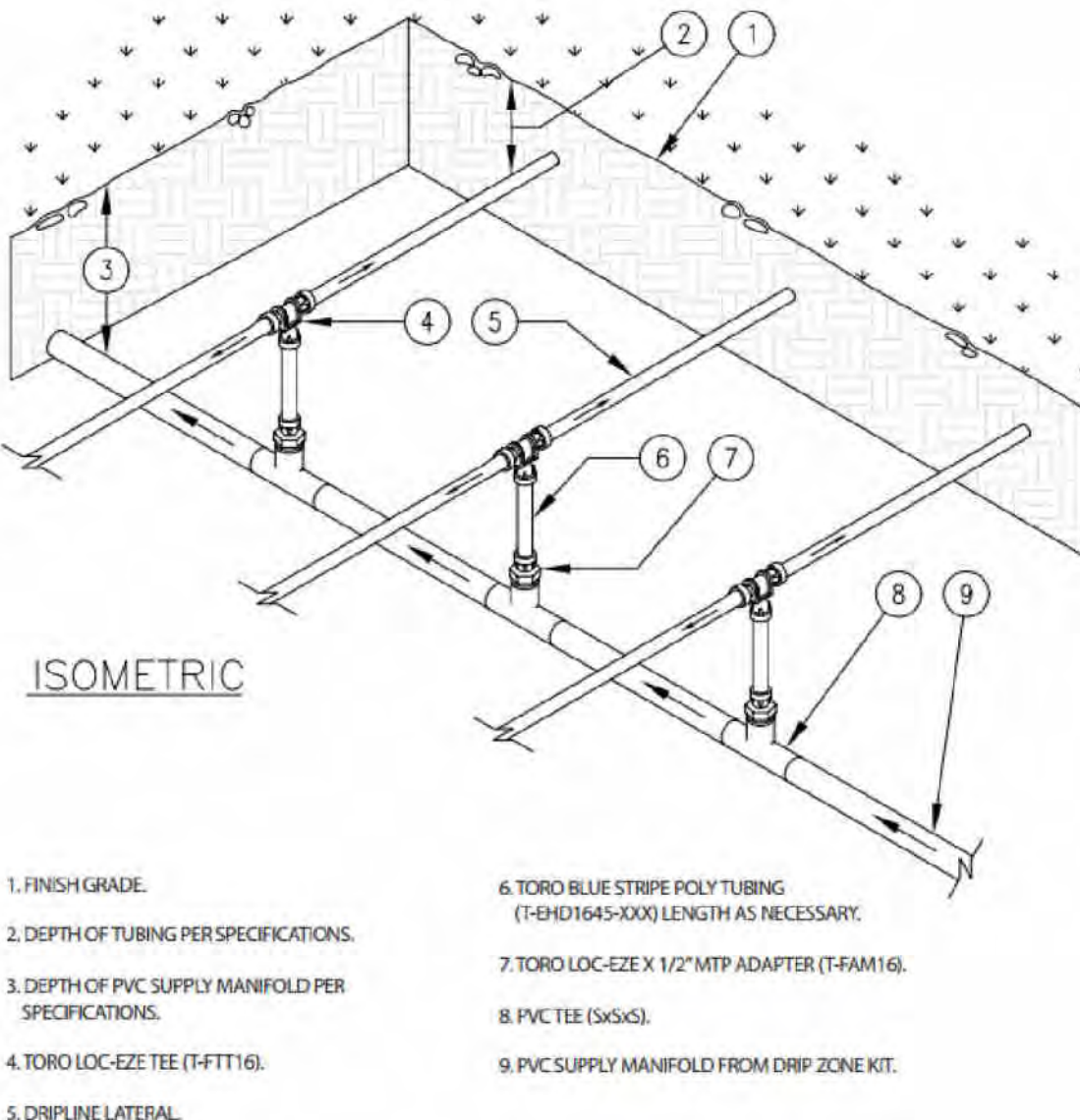
5 TURF SPRAY FLEX ASSEMBLY
3" = 1'-0"
328403.13-02



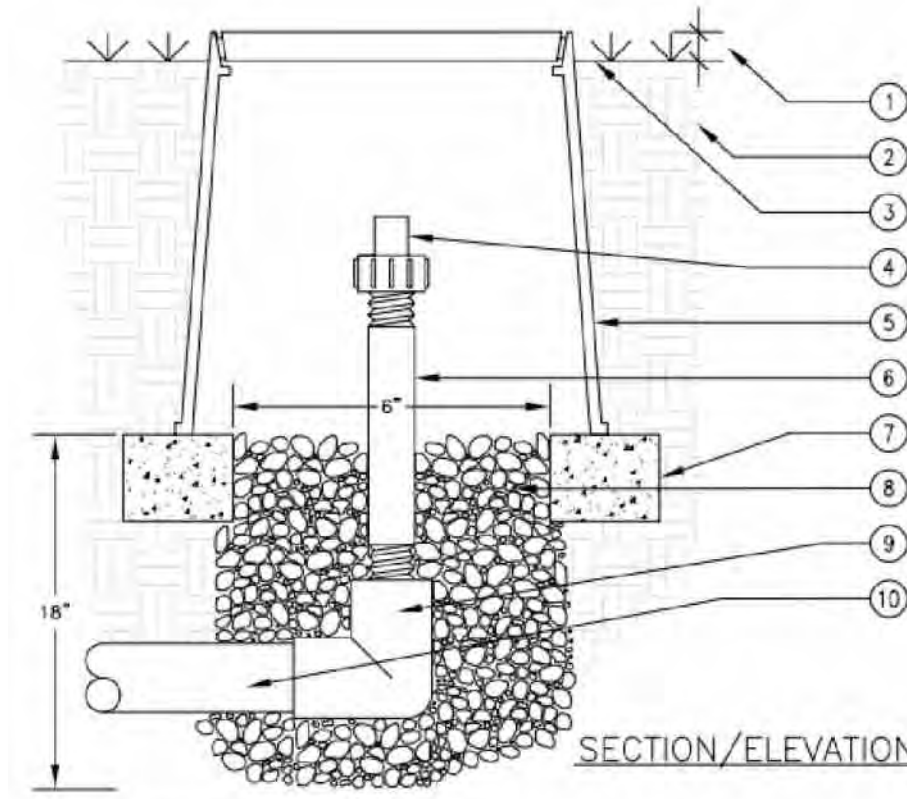
3 1" DRIP VALVE/FILTER/REGULATOR
1 1/2" = 1'-0"
328413.76-23



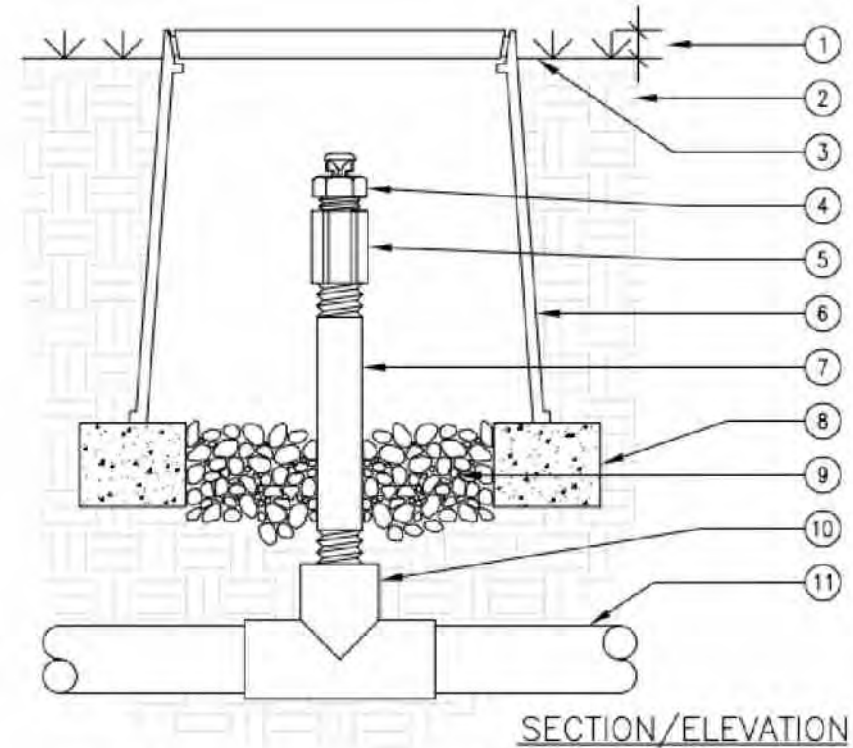
6 1" DRIP VALVE/FILTER/REGULATOR
1 1/2" = 1'-0"
328413.76-23



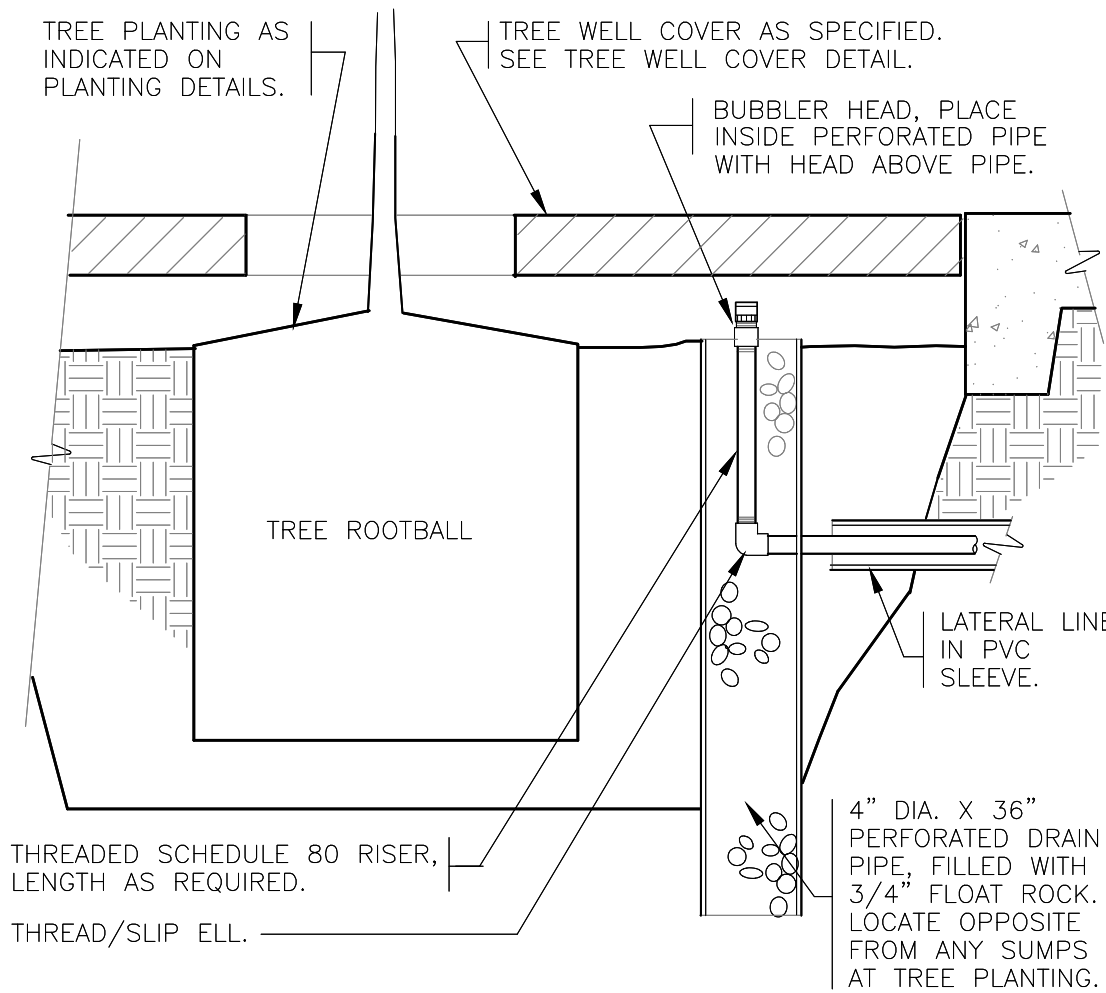
11 CENTER-FEED SUPPLY-MANIFOLD
N.T.S.
DETAIL-FILE



4 AUTOMATIC FLUSH VALVE
N.T.S.



7 1/2" AIR/VACUUM RELIEF VALVE
N.T.S.



12 BUBBLER AT TREE WELL
1 1/2" = 1'-0"
328403.53-03