

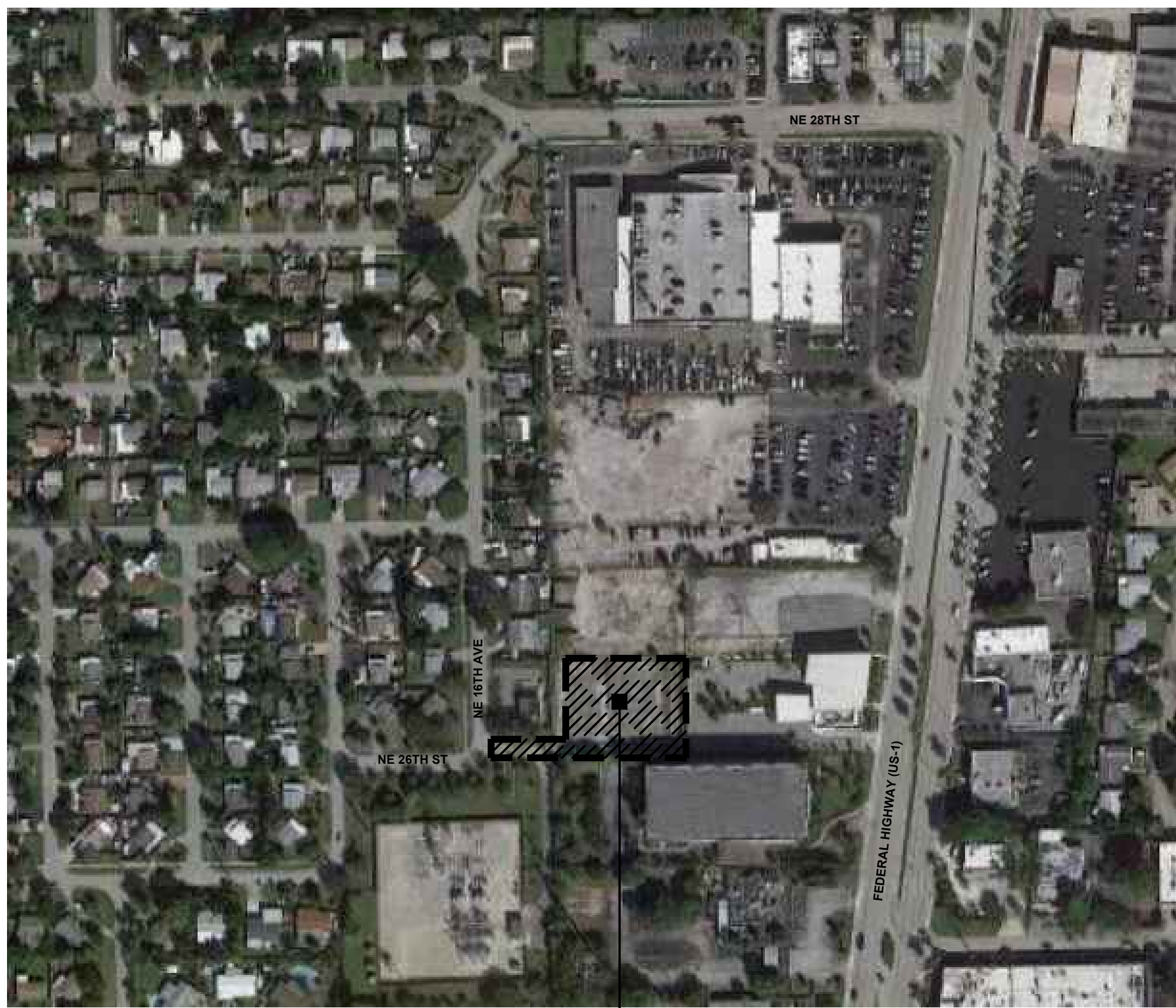


# CHARLOTTE BURRIE COMMUNITY CENTER PLAZA AND PASSIVE PARK

2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

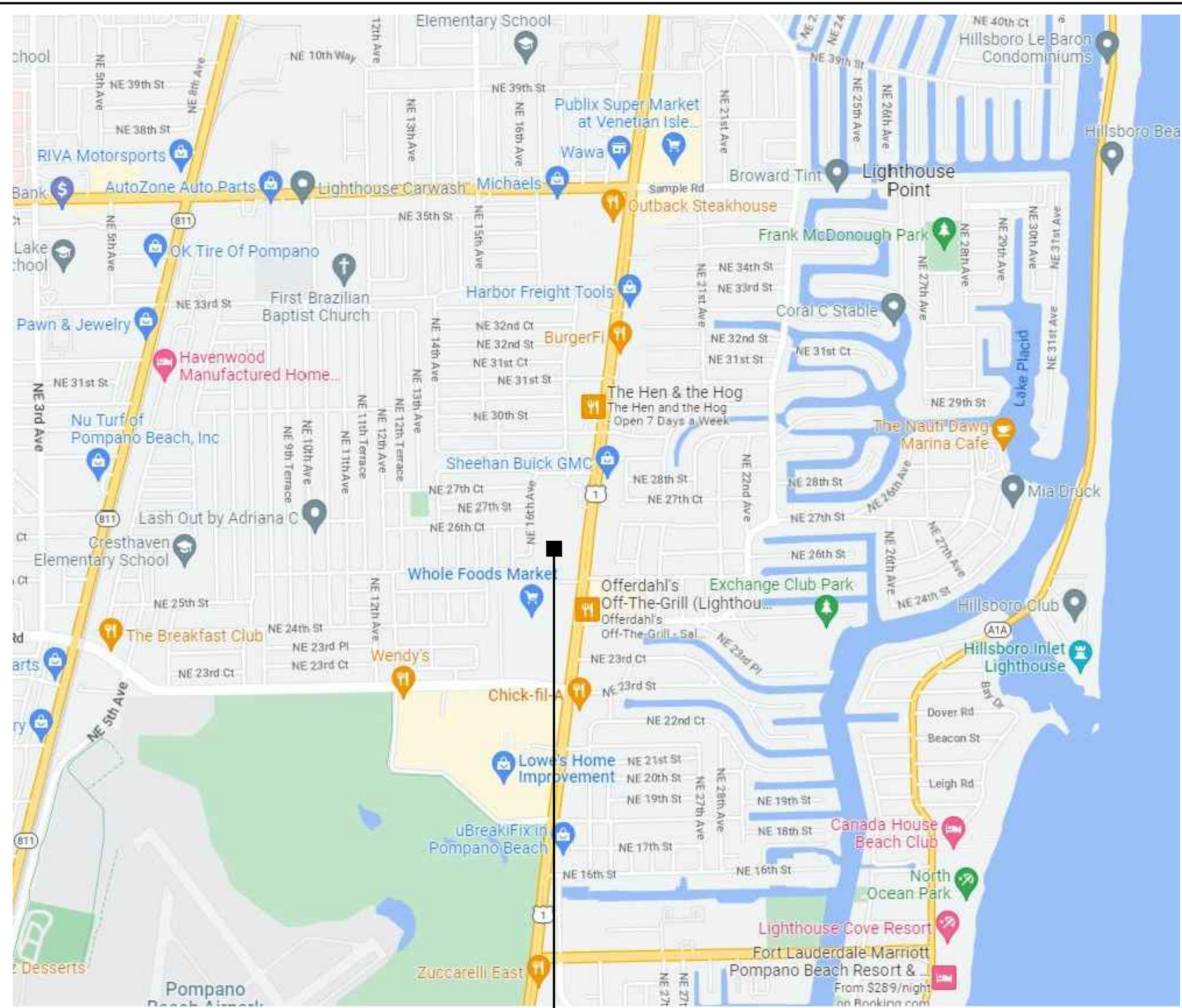
POMPANO BEACH PROJECT NO. 22-135

## SITE MAP



PROJECT LOCATION

## LOCATION MAP



PROJECT LOCATION

## POMPANO BEACH CITY COMMISSION

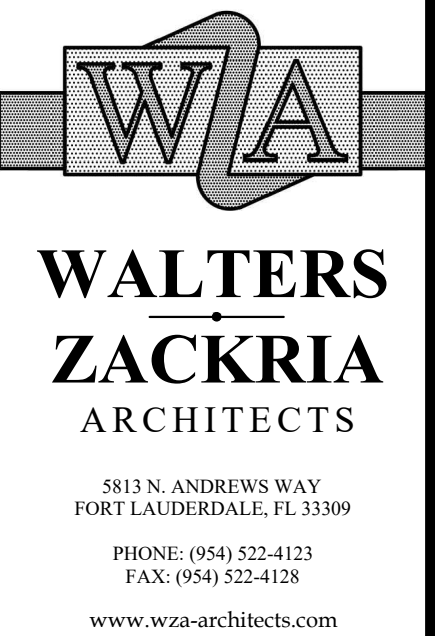
Mayor REX HARDIN	Mayor at Large
Vice Mayor ALISON FOURNIER	District 3
Commissioner AUDREY FESIK	District 1
Commissioner RHONDA EATON	District 2
Commissioner BEVERLY PERKINS	District 4
Commissioner DARLENE SMITH	District 5
GREG HARRISON	City Manager

## DESIGN TEAM

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CIVIL ENGINEERING :	THOMPSON & ASSOCIATES 412 S.E. 18TH STREET FORT LAUDERDALE, FLORIDA 33316 Ph. (954) 761-1073 Fax. (954) 764-3069
MEP ENGINEERING :	BILDWORX DESIGN 1054 CEDAR FALLS DRIVE WESTON, FLORIDA 33327 Ph. (954) 933-8246
LANDSCAPE :	KIMLEY HORN 1920 WEKIVA WAY, SUITE 200 WEST PALM BEACH, FLORIDA 33411 Ph. (561) 845-0665 Fax. (561) 863-8175
ARBORIST:	PLAN W3ST 10152 INDIANTOWN ROAD, UNIT 159, JUPITER, FLORIDA 33478 Ph. (954) 529-9417

## CITY CIP TEAM

CITY ENGINEER	JOHN SFIROPOULOS
CIP MANAGER	DR. TAMMY GOOD
PROJECT MANAGER	HECTOR GANDIA



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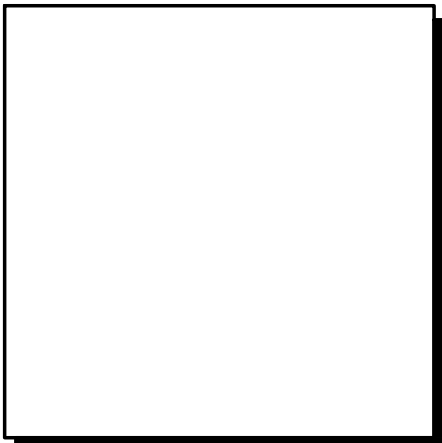
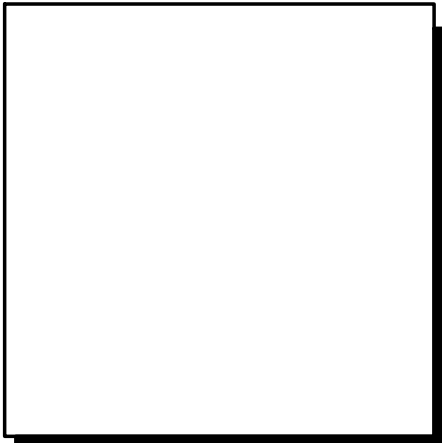
DRAWN BY: JA  
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2203  
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SCOPE OF WORK
DEVELOPMENT OF A NEW PARK ON PARCEL OF LAND ADJACENT TO CHARLOTTE BURRIE CIVIC CENTER TO INCLUDE STAGE, PLAZA, PLAY AREA, GAZEBO, WALKING TRAIL AND PARKING LOT
BUILDING CODE INFORMATION
CONSTRUCTION TO COMPLY WITH, 1. FLORIDA BUILDING CODE SEVENTH (2020) EDITION WITH THE LATEST REVISIONS 2. FLORIDA FIRE PREVENTION CODE SEVENTH (2020) EDITION
GENERAL NOTES
<div>1. GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE &amp; VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING UTILITY SERVICE LOCATIONS IN ALL AREAS INCLUDED IN THE SCOPE OF WORK PRIOR TO COMMENCING CONSTRUCTION.</div> <div>2. ANY EXISTING ITEMS THAT ARE DISTURBED, DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW OR REPAIRED TO THE OWNERS SATISFACTION AND LIKE NEW CONDITION.</div> <div>3. DO NOT DISTURB ANY STRUCTURAL COMPONENTS OF EXISTING BUILDINGS ON OR AROUND PROJECT SITE WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.</div> <div>4. DO NOT DISTURB ANY EXISTING UTILITIES, FACILITIES, EQUIPMENT OR ITEMS TO REMAIN UNLESS SPECIFICALLY STATED ON PLANS, WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.</div> <div>5. EACH CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS ON OR AROUND PROJECT SITE FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.</div> <div>6. ALL UNANTICIPATED AND UNFORESEEN DEMOLITION AND OR NEW CONSTRUCTION CONDITIONS WHICH REQUIRE DEVIATION FROM THE PLANS AND NOTES HEREIN SHALL BE REPORTED TO THE ARCHITECT, IN WRITING, PRIOR TO COMMENCING SAID WORK.</div> <div>7. ALL NEW MATERIAL AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL, EXCEPT AS SPECIFICALLY NOTED HEREIN.</div> <div>8. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL FURNISH WRITTEN GUARANTEES FOR ALL TRADES FOR A MINIMUM OF ONE YEAR. DEFECTIVE MATERIALS OR WORKMANSHIP SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.</div> <div>9. GENERAL CONTRACTOR IS TO THOROUGHLY REVIEW ALL DRAWINGS AND PROVIDE OVERVIEW TO ALL TRADES. ALL SUBCONTRACTORS ARE TO REVIEW ALL DRAWING SHEETS - GENERAL CONTRACTOR TO PROVIDE COMPLETE SETS OF PLANS TO ALL SUBCONTRACTORS FOR REVIEW. ITEMS SHOWN ON ARCHITECTURAL DRAWINGS ARE REQUIRED TO BE COMPLETELY INSTALLED REGARDLESS OF IF THEY ARE NOT SPECIFICALLY DESIGNATED ON MECHANICAL, ELECTRICAL, PLUMBING, POOL ENGINEERING DRAWINGS. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED ITEMS WITH ALL SUBCONTRACTORS AND THROUGHOUT ALL PHASES OF CONSTRUCTION. ALL SCHEDULES PROVIDED SHALL BE VERIFIED WITH THE PLANS. ANY DISCREPANCY SHALL BE BROUGHT UP TO THE ARCHITECT'S NOTICE AND VERIFIED.</div> <div>10. ALL WORK SHALL BE DONE IN ACCORDANCE W/ ALL APPLICABLE NATIONAL CODES, FBC 2020 w/ LATEST SUPPLEMENTS AND STATE &amp; LOCAL CODES AND ORDINANCES. WORK SHALL BE DONE IN A WORKMAN LIKE MANNER AS PER STANDARD BUILDING TECHNIQUES AND PRACTICES. SEE ENGINEERING AND ELECTRICAL DRAWINGS FOR SPECIFIC CODE REFERENCES.</div> <div>11. GENERAL CONTRACTOR IS RESPONSIBLE TO FILE AND OBTAIN ALL JURISDICTIONAL PERMITS, INCLUDING BUT NOT LIMITED TO BROWARD COUNTY, BUILDING DEPARTMENT, ENGINEERING PERMITS, ETC. UNLESS NOTED OTHERWISE.</div> <div>12. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY CONDITIONS RELATING TO JOB CONSTRUCTION.</div> <div>13. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR ALL HOISTING RELATED TO WORK IN THIS CONTRACT.</div> <div>14. GENERAL CONTRACTOR IS TO VISIT THE SITE AND CAREFULLY INSPECT THE EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS MUST BE REPORTED TO ARCHITECT IN WRITING.</div> <div>15. GENERAL CONTRACTOR IS TO COORDINATE ALL CUTTING AND PATCHING FOR SERVICES AS CALLED FOR ON DRAWINGS.</div> <div>16. GENERAL CONTRACTOR SHALL MAINTAIN DAILY SITE CLEANUP TO PREVENT DIRT, DEBRIS AND DUST FROM THE PREMISES AND SURROUNDING AREAS, THAT MAY BE AFFECTED NEGATIVELY, FROM DAILY CONSTRUCTION ACTIVITY.</div> <div>17. GENERAL CONTRACTOR TO UTILIZE LASER GUIDED GRADING AND CONCRETE SCREEDING EQUIPMENT AND DIGITAL SMART LEVELS TO PROVIDE FULLY ADA COMPLIANT FLOOR, WALKWAY AND PAVEMENT SLOPES.</div> <div>22. GENERAL CONTRACTOR SHALL INSTALL APPROPRIATE SIGNAGE AROUND THE PARK AND CONSTRUCTION AREA TO NOTIFY THE PATRONS OF THE ONGOING CONSTRUCTION ACTIVITES.</div> <div>24. GENERAL CONTRACTOR SHALL DEMOLISH AND REMOVE ALL EQUIPMENTS NOTED IN THE CONSTRUCTION DOCUMENTS AND DISCARD IT.</div> <div>25. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK EITHER IMPLIED OR REASONABLE INFERRED FROM THE CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS.</div>

DRAWING INDEX									
SHEET NO.	SHEET NAME	ISSUED/REV. NO.							
		40% CD 02/07/2023	75% CD 03/31/2023	PERMIT SET 08/21/2023	REVISION 1 10/23/2023	REVISION 2 12/26/2023	R10 SET 04/19/2025	REV. NO.	
GENERAL									
A0.00	COVER SHEET	X	X	X	X		X		
A0.01	DRAWING INDEX AND NOTES	X	X	X	X	X	X		
A0.02	CPTED SECURITY PLAN			X	X		X		
A0.03	LIFE SAFETY PLAN			X	X		X		
SHEET 1 OF 13	SURVEY NOTES			X			X		
SHEET 2 OF 13	SURVEY LAND DESCRIPTION			X			X		
SHEET 3 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 4 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 5 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 6 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 7 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 8 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 9 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 10 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 11 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 12 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
SHEET 13 OF 13	SURVEY AND GENERAL INFORMATION			X			X		
CIVIL									
C-1	CIVIL SITE PAVING, GRADING AND DRAINAGE PLAN		X	X	X		X		
C-2	CIVIL SITE PAVING, GRADING AND DRAINAGE PLAN		X	X	X		X		
C-3	CIVIL SECTIONS			X	X		X		
C-4	CIVIL DETAILS		X	X			X		
C-5	CIVIL DETAILS		X	X	X		X		
C-6	CIVIL DETAILS				X		X		
C-7	GENERAL NOTES		X	X			X		
C-8	STORMWATER POLLUTION PREVENTION PLAN			X			X		
C-9	STORMWATER POLLUTION PREVENTION PLAN			X			X		
C-10	STORMWATER POLLUTION PREVENTION NOTES AND DETAILS			X			X		
ARCHITECTURAL									
A0.09A	SITE PLAN - DEMOLITION	X	X	X	X		X		
A0.09B	SITE PLAN - DEMOLITION			X	X		X		
A0.10	OVERALL SITE PLAN - PROPOSED				X	X	X		
A0.10A	SITE PLAN - PROPOSED	X	X	X	X	X	X		
A0.10B	SITE PLAN - PROPOSED			X	X	X	X		
A0.11	SIGNAGE SITE PLAN				X	X	X		
A0.20	SITE FINISHES	X	X	X	X		X		
A0.30	SITE FURNITURE	X	X	X			X		
A0.40	SITE DETAILS		X	X	X		X		
A0.41	SITE DETAILS		X	X			X		
A1.10	STAGE AND PLAZA LAYOUT		X	X			X		
A2.10	PLAY AREA PLAN AND INFORMATION		X	X			X		
A3.10	SHELTER PLAN AND INFORMATION	X	X	X			X		
A4.10	METAL CANOPY AND INFORMATION		X	X			X		
LANDSCAPE & IRRIGATION									
L1.00	TREE DISPOSITION PLAN			X	X	X	X		
L1.10	TREE DISPOSITION PLAN			X	X	X	X		
L2.00	LANDSCAPE PLAN		X	X	X	X	X		
L2.10	LANDSCAPE PLAN			X	X	X	X		
L2.11	LANDSCAPE DETAILS		X	X			X		
L2.12	LANDSCAPE NOTES			X			X		
L3.00	IRRIGATION PLAN		X	X	X	X	X		
L3.10	IRRIGATION PLAN			X	X	X	X		
L3.11	IRRIGATION DETAILS			X	X	X			
L3.12	IRRIGATION NOTES		X	X			X		
L3.13	IRRIGATION NOTES		X	X			X		
ELECTRICAL									
E0.01	ELECTRICAL LEGEND & GENERAL NOTES		X	X			X		
E1.10A	ELECTRICAL SITE POWER PLAN		X	X			X		
E1.10B	ELECTRICAL SITE POWER PLAN			X			X		
E1.20	ELECTRICAL SITE LIGHTING PLAN		X	X		X	X		
E1.30	ELECTRICAL PHOTOMETRICS PLAN			X	X		X		
E5.00	ELECTRICAL SPECIFICATIONS		X	X			X		
E6.00	ELECTRICAL RISER & SCHEDULES		X	X			X		



W

A

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CITY OF POMPANO BEACH

CHARLOTTE BURRIE COMM. CENTER

PLAZA AND PASSIVE PARK

2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

DRAWN BY: JA

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△ 10-23-23 PERMIT CO-ORD

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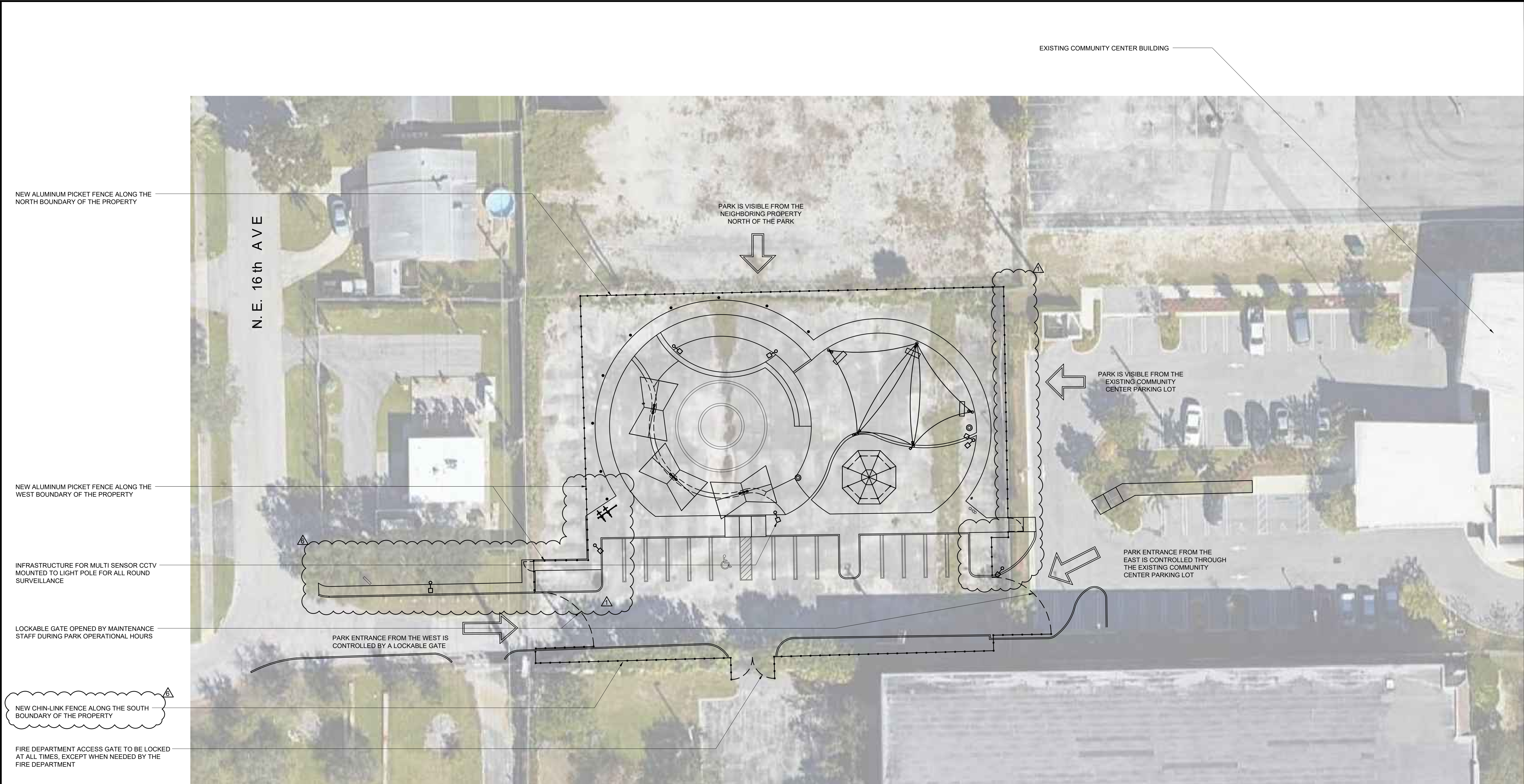
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NEW ALUMINUM PICKET FENCE ALONG THE NORTH BOUNDARY OF THE PROPERTY

N. E. 16th AVE

PARK IS VISIBLE FROM THE NEIGHBORING PROPERTY NORTH OF THE PARK

PARK IS VISIBLE FROM THE EXISTING COMMUNITY CENTER PARKING LOT

NEW ALUMINUM PICKET FENCE ALONG THE WEST BOUNDARY OF THE PROPERTY

INFRASTRUCTURE FOR MULTI SENSOR CCTV MOUNTED TO LIGHT POLE FOR ALL ROUND SURVEILLANCE

LOCKABLE GATE OPENED BY MAINTENANCE STAFF DURING PARK OPERATIONAL HOURS

NEW CHIN-LINK FENCE ALONG THE SOUTH BOUNDARY OF THE PROPERTY

FIRE DEPARTMENT ACCESS GATE TO BE LOCKED AT ALL TIMES, EXCEPT WHEN NEEDED BY THE FIRE DEPARTMENT

CHARLOTTE BURRIE PASSIVE PARK  
CPTD NARRATIVE

THE SCOPE OF WORK IS TO DEVELOP THE EMPTY PARCEL WEST OF THE COMMUNITY CENTER PARKING LOT FOR A NEW PASSIVE PARK WITH A COVERED TURF AREA, PAVILION STRUCTURE, ELEVATED STAGE AND CENTRAL PLAZA AREA.

LIGHT POLE AND FIXTURE LAYOUT IS DESIGNED TO ACHIEVE ILLUMINATION STANDARDS THROUGHOUT THE PARK. PLEASE REFER TO THE SITE LIGHTING PHOTOMETRIC SHEET FOR DETAIL. THE ACCESS ROAD FROM NE16TH AVE HAS A NEW LIGHT POLE IN ADDITION TO THE EXISTING FOR STRONG ILLUMINATION. THERE ARE NEW LIGHT POLES BEING PROPOSED AT EITHER END OF THE PARKING LOT AS WELL AS ALONG THE WALKING TRAIL AROUND THE PARK. IN ADDITION TO THESE POLES, THERE ARE LIGHT BOLLARDS AND POLE MOUNTED FIXTURES FOR THE PLAY AREA AND PLAZA AREA.

THE FOLLOWING TEXT ATTEMPTS TO DESCRIBE HOW EACH OF THE 5 CPTD PRINCIPLES WILL BE ADDRESSED.

1. NATURAL SURVEILLANCE

THE SITE WILL REMAIN FLAT, WITH NEW SITE LIGHTING FIXTURES ON POLES. NATURAL SURVEILLANCE INTO THE SITE REMAINS UNCHANGED COMPARED TO THE EXISTING CONDITION. THE LANDSCAPE DESIGN COMPLIMENTS UNHINDERED SURVEILLANCE WITH TALL TREES AND LOW SHRUBS. THERE IS INFRASTRUCTURE BEING PROVIDED FOR A MULTI-SENSOR CCTV TO BE INSTALLED IN THE MIDDLE OF THE PARK FOR ALL ROUND SURVEILLANCE.

2. NATURAL ACCESS CONTROL

THE EXISTING CHAIN-LINK FENCE ALONG THE NORTH AND SOUTH BOUNDARIES OF THE PARCEL ARE TO BE REPLACED WITH A NEW 6 FEET HIGH ALUMINUM PICKET FENCE FOR BETTER SECURITY. EXISTING PICKET FENCE ALONG THE EAST BOUNDARY IS TO REMAIN AS IT CONTROLS ACCESS BETWEEN THE COMMUNITY CENTER PARKING LOT AND THE PARK. THE PARK IS ACCESSIBLE FROM THE WEST AND EAST THROUGH LOCKABLE GATES MANAGED BY MAINTENANCE STAFF TO KEEP THE SITE ACCESSIBLE ONLY DURING PARK OPERATIONAL HOURS.

3. TERRITORIAL REINFORCEMENT

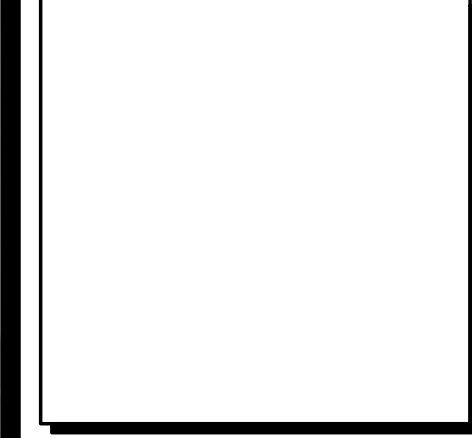
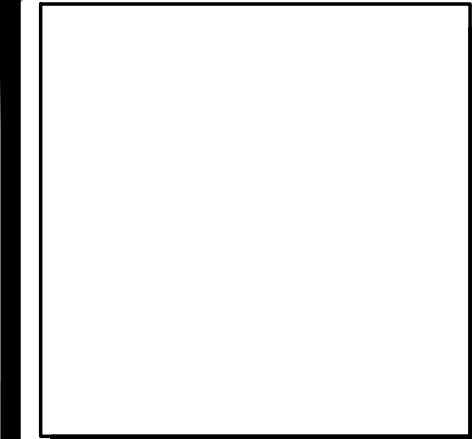
THE SITE IS A PUBLIC PARK AND USE IS ENCOURAGED BY THE CITIZENS AND GUESTS TO POMPANO BEACH. THE SIDEWALKS AND PROPOSED FENCE ENCLOSURE WILL CLEARLY DEFINE THE LIMITS OF THE ACCESSIBLE SECTIONS OF THE PARK. THE GATE BETWEEN THE COMMUNITY CENTER AND PARK AREA WILL BE CLOSED DURING OPERATIONAL HOURS TO AVOID THE PARK FROM TURNING INTO A THOUROUGHFARE BETWEEN FEDERAL HIGHWAY US-1 AND NE 16TH AVE.

4. MAINTENANCE

THE PARK WILL BE MAINTAINED BY THE CITY OF POMPANO BEACH MAINTENANCE STAFF ON A REGULAR BASIS. THE FINISH MATERIALS USED THROUGHOUT THE PARK ARE LOW MAINTENANCE WITH DURABLE PAVERS, CONCRETE, STEEL AND ALUMINUM.

5. ACTIVITY SUPPORT

THE FENCE AROUND THE PARK AND CONTROLLED ACCESS THROUGH THE WEST LOCKABLE GATE WILL PROVIDE A SENSE OF COMFORT AND SECURITY TO THE PUBLIC USERS OF THE PARK. THE EVENT POWER INFRASTRUCTURE PROVIDED AT LIGHT POLES WILL SUPPORT THE COMMUNITY ACTIVITIES ORGANIZED BY THE CITY.



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**CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK**

2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

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- 04-03-25 OWNER COMMENTS

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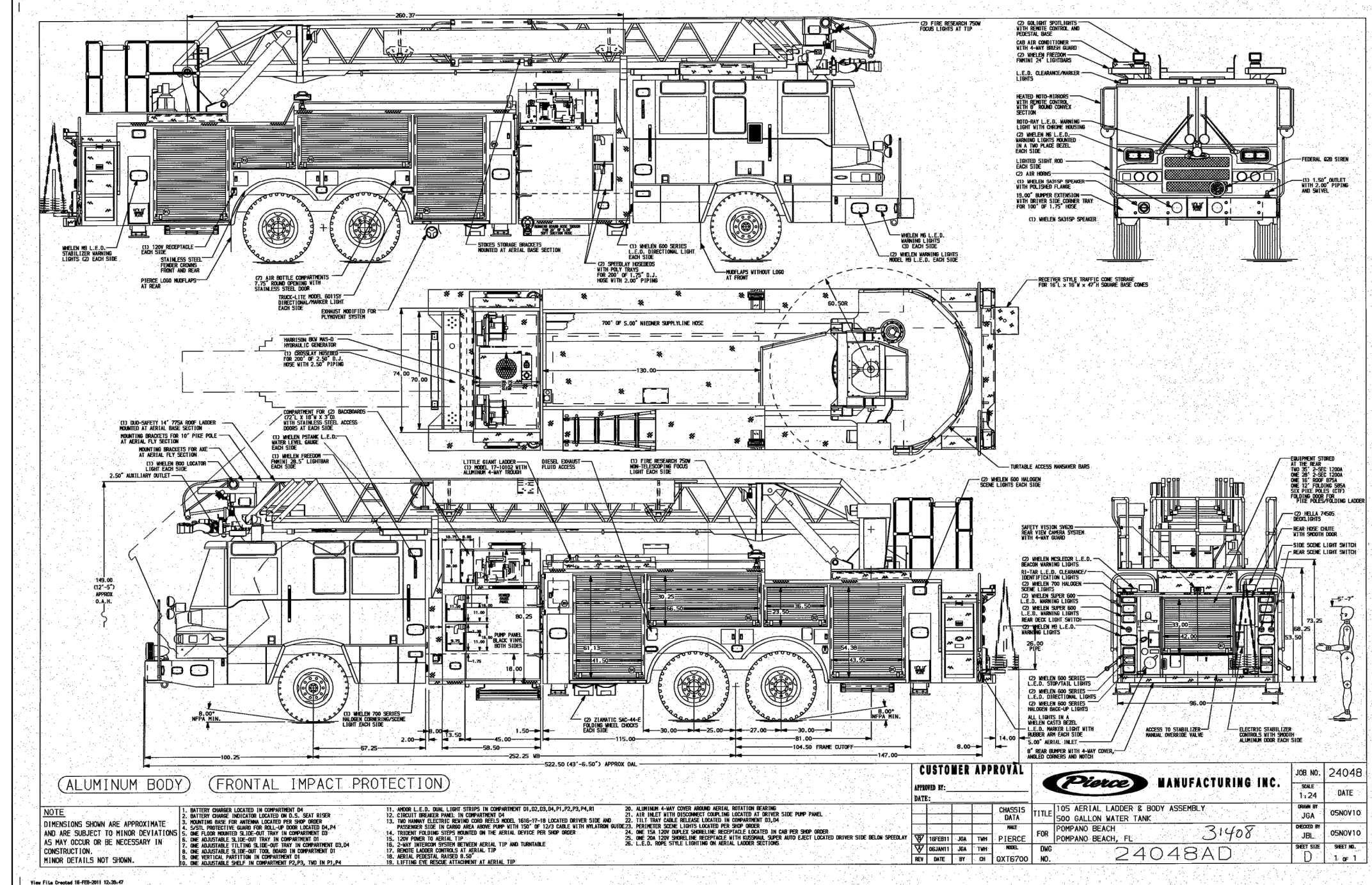
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CPTD SECURITY PLAN

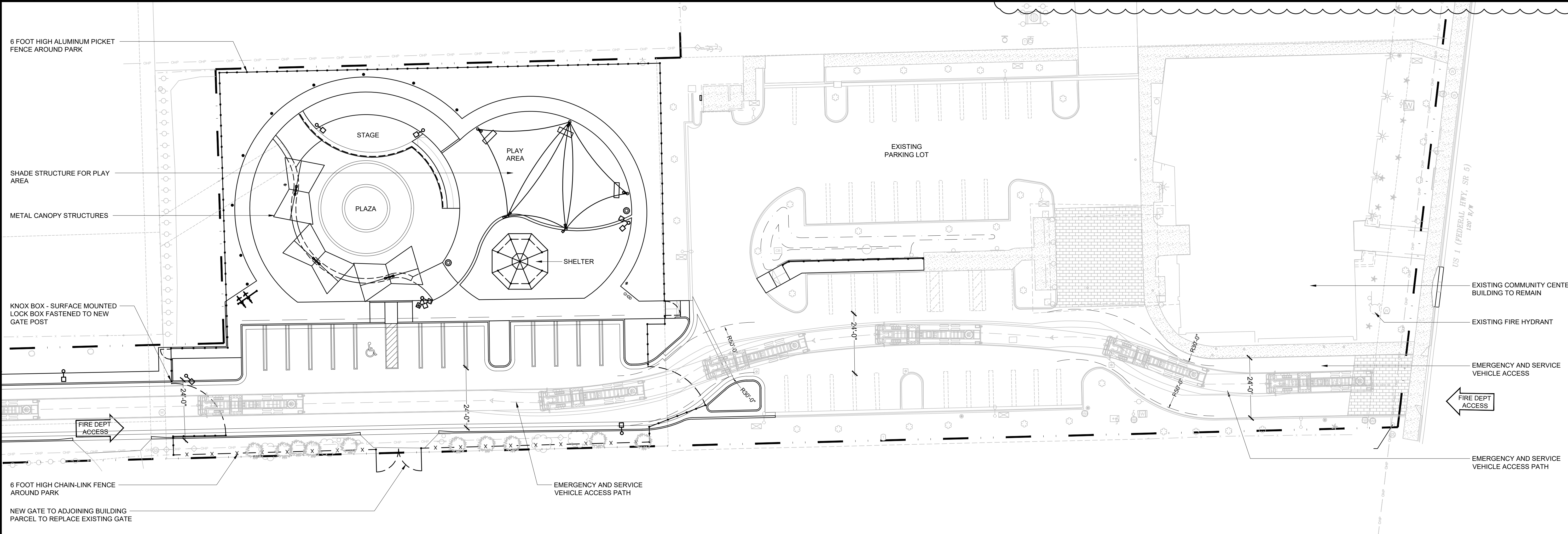




**FIRE HYDRANT LOCATIONS**  
SCALE: NTS



**FIRE TRUCK SPECIFICATION (CITY OF POMPANO BEACH DETAIL)**  
SCALE: NTS



**NOTE:**

THE PARK IS SECURED BY A 6 FOOT HIGH PERIMETER FENCE WITH GATES. ALL GATES ARE OVERSIZED TO PROVIDE AN OPENING OF APPROXIMATELY 12'-0" AND PROVIDE ADEQUATE EGRESS IN AN EMERGENCY AND PROVIDE ACCESS BY EMERGENCY VEHICLES.

THE FIRE DEPARTMENT ACCESS ROAD LEADING TO THE PARKING LOT FROM THE WEST AND EAST ENDS OF THE SITE EXCEEDS THE 20 FEET MINIMUM WIDTH AND 13'-6" VERTICAL CLEARANCE REQUIREMENTS OF NFPA 1, SECTION 18.2.3.4.

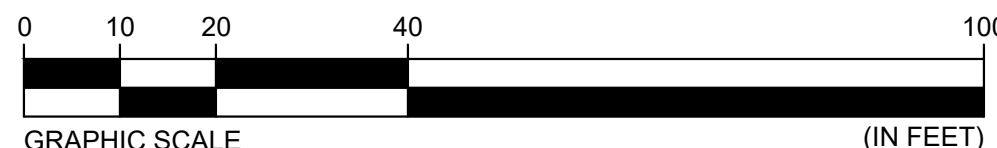
SITE LIGHTING PROPOSED TO ILLUMINATE WALKWAYS THROUGHOUT THE SITE PROVIDE ADEQUATE ILLUMINATION LEVELS REQUIRED FOR EMERGENCY EGRESS. SEE THE DRAWING NO. E1.30 FOR PHOTOMETRIC PLAN.

**FIRE HYDRANT LOCATIONS:**

AN EXISTING FIRE HYDRANT IS LOCATED IN THE RIGHT OF WAY ALONG N FEDERAL HIGHWAY, NEAR THE SOUTHEAST CORNER OF THE EXISTING COMMUNITY CENTER BUILDING. THIS HYDRANT IS LOCATED WITHIN 400 FEET OF THE BUILDING.

ADDITIONAL FIRE HYDRANTS CAN BE FOUND WITHIN 400 FEET OF THE PARK ON NE 16TH AVE.

FIRE TRUCK AS PER CITY OF POMPANO BEACH SPECIFICATION. SEE DETAIL ON THIS SHEET.



**LIFE SAFETY PLAN**  
SCALE: 1" = 20'-0"

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10-23-23 PERMIT CO-ORD



LEGEND

AP	ASPHALT	MW	METER WATER
BLDG	BUILDING	O.R.B.	OFFICIAL RECORD BOOK
BOL	BOLLARD	OVP	OVER HEAD POWER
C.L.	CHAIN LINK	OVH	OVERHANG
CB	CATCH BASIN	PG.	PAGE
CCR	CROSSING CURB RAMP	PID	PARCEL IDENTIFICATION
CINL	CURB INLET	PP	POWER POLE
CLNO	CLEAN OUT	RNG	RANGE
CONC	CONCRETE	R/W	RIGHT OF WAY
C&G	CURB AND GUTTER	SEC	SECTION
CSL	CONCRETE SLAB	SMH	SANITARY MANHOLE
FH	FIRE HYDRANT	SP	STAND PIPE
FPL	FLORIDA POWER LIGHT	SSS	SINGLE SUPPORT SIGN
GYA	GUY ANCHOR	TPD	TELEPHONE PEDESTAL
HC	HANDICAP	TRNSF	TRANSFORMER
ICV	IRRIGATION CONTROL VALE	TWP	TOWNSHIP
LB	LICENSE BUSINESS	U.E.	UTILITY EASEMENT
LP	LIGHT POLE	VCS	VALVE COVER SANITARY
LS	LICENSE SURVEYOR	VCW	VALVE COVER WATER
MS	MULTI-SUPPORT SIGN	WM	WATERMAIN
		WPB	WIRE PULL BOX

NOTES:

ALL BEARINGS SHOWN HEREON ARE REFERENCED TO THE WESTERLY RIGHT-OF-WAY LINE OF US1 FEDERAL HIGHWAY BEING MEASURED AS NORTH 06°43'00" WEST.

ALL DISTANCES SHOWN HERE ON ARE IN U.S. SURVEY FEET.

ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE THE RESULT OF MULTIPLE 180 EPOCH OBSERVATIONS AVERAGED USING THE TRIMBLE VRS NOW NETWORK.

UTILITY DESIGNATES CONFORM TO ASCE-38 (AMERICAN SOCIETY OF CIVIL ENGINEERS) QUALITY LEVEL B STANDARDS. GAS LINE WAS LOCATED AS MARKED BY OTHERS. RITZEL-MASON DID NOT DETECT GAS UTILITIES IN THE AREA.

REPRODUCTIONS, ADDITIONS, OR DELETIONS ARE NOT VALID WITHOUT ORIGINAL SIGNATURE & RAISED SEAL OF THE FLORIDA PROFESSIONAL SURVEYOR AND MAPPER.

THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE OPINION OR ABSTRACT BY THIS SURVEYOR OR ANY FORM. THE CLIENT IS HEREBY ADVISED THAT SUCH MATTERS OF RECORD MAY BE RECORDED IN THE PUBLIC RECORDS IN WHICH THE SUBJECT PARCEL IS SITUATE.

FPL EASEMENT DEPICTED (ORB 3559, PG 140) IS GRAPHICAL ONLY AS RECORDS ARE NOT READILY AVAILABLE IN THE BROWARD COUNTY PUBLIC RECORDS SEARCH.

DATE OF FIELD WORK: JULY 28, 2023

Clyde R Mason II

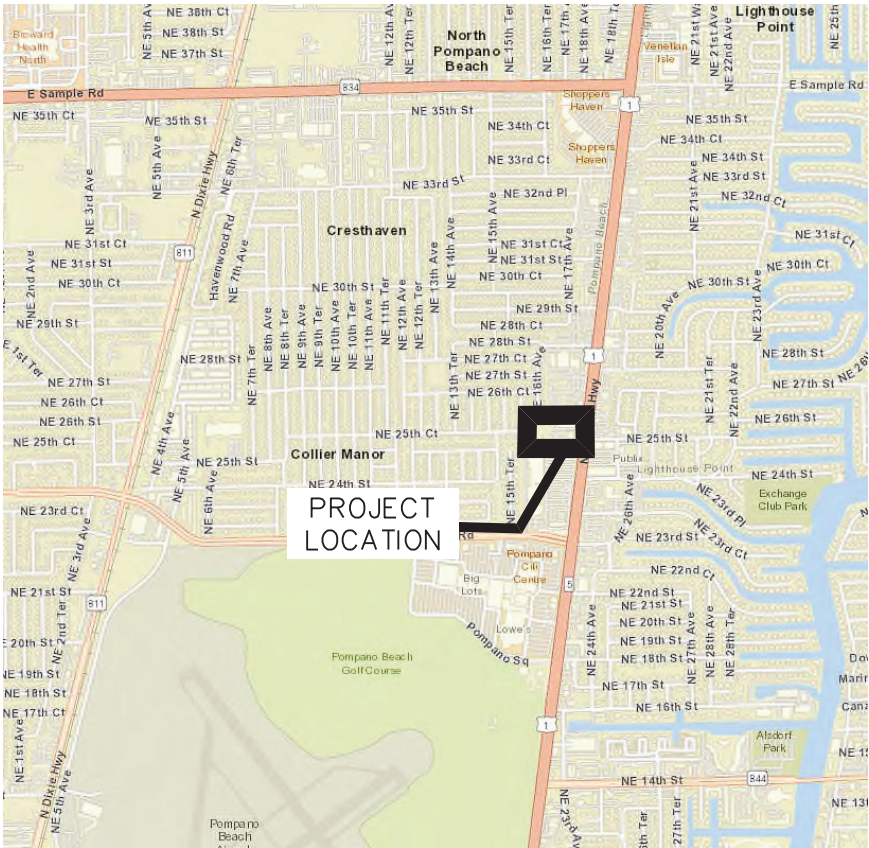
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CLyde R Mason II  
DN: CN = CLyde R  
Mason II email =  
clyde@ritzel-mason.  
com C = US O = Ritzel-  
Mason, Inc OU = Survey  
Date: 2023.09.05 15:47:  
14 -04'00'

09/05/2023

CLYDE R. MASON II PSM LS 6905

DATE

VICINITY MAP





LAND DESCRIPTION:  
PID: 484224080611  
THE SOUTH 45.50 FEET OF LOT 13, BLOCK 5, "COLLIER MANO—FIRST ADDITION". ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 35, PAGE 28 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

SAID LANDS SITUATE IN THE CITY OF POMPANO BEACH, BROWARD COUNTY, FLORIDA. CONTAINING 3,936 SQUARE FEET OR 0.090 ACRES MORE OR LESS.

PID: 484319000240  
THE WEST 200 FEET OF THE SOUTH ONE—HALF (S 1/2) OF THE NORTHEAST ONE QUARTER (NE 1/4) OF THE SOUTHWEST ONE—QUARTER (SW 1/4) OF THE SOUTHWEST ONE—QUARTER (SW 1/4) OF SECTION 19, TOWNSHIP 48 SOUTH, RANGE 43 EAST, EXCEPTING THEREFROM THE SOUTH 170 FEET THEREOF.

LESS A PARCEL OF LAND AS RECORDED ON INSTRUMENT 116813282, AS RECORDED IN THE BROWARD COUNTY, FLORIDA PUBLIC RECORDS.

TOGETHER WITH THE NON—EXCLUSIVE INGRESS AND EGRESS EASEMENT RIGHTS AS CREATED BY THAT CERTAIN QUIT CLAIM DEED, RECORDED JUNE 1,1981, IN OFFICIAL RECORDS BOOK 9610, PAGE 707, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, OVER THE FOLLOWING DESCRIBED REAL PROPERTY.

THE SOUTH 15 FEET OF THE LOT 13, BLOCK 5, COLLIER MANOR FIRST ADDITION, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 35, PAGE 28, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

SAID LANDS SITUATE IN THE CITY OF POMPANO BEACH, BROWARD COUNTY, FLORIDA. CONTAINING 28,305 SQUARE FEET OR 0.6498 ACRES MORE OR LESS.

PID: 484319250010  
UNIT 7456,2671 N FEDERAL HIGHWAY, POMPANO BEACH,FL NCS: 231180

TRACT A OF DENNY’S OF POMPANO, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 86, AT PAGE 13, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LESS AND EXCEPT OF THE FOLLOWING DESCRIBED PARCEL:RECORDED IN OFFICIAL RECORDS BOOK 31030, PAGE 0192, INSTRUMENT NO.100663042, NOVEMBER 17, 2000, BROWARD COUNTY, FLORIDA.

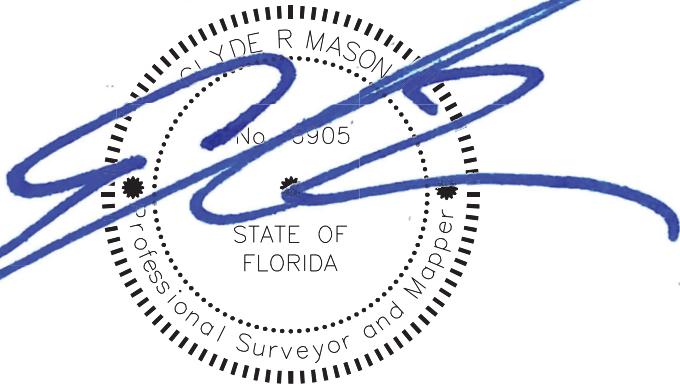
A PORTION OF PARCEL "A" OF DENNY’S OF POMPANO’ ACCORDING TO THE PLAT THEREOF AS RECORDED IN THE PLAT BOOK 86, AT PAGE 13 OF THE PUBLIC RECORDS ON BROWARD COUNTY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWING:

BEGINNING AT THE NORTHWEST CORNER SAID PARCEL 'A'. THENCE RUN IN THE EASTERLY DIRECTION ALONG THE NORTH LINE OF SAID PARCEL 'A', FOR A DISTANCE OF 210.10 FEET; THENCE WITH AN ANGLE TO THE LEFT OF 89 57’09’, RUN IN A SOUTHERNLY DIRECTION FOR A DISTANCE OF 135.00 FEET TO A POINT ON THE SOUTH LINE OF SAID PARCEL 'A'; THENCE WITH AN ANGLE TO THE LEFT OF 90 02’51” RUN IN A WESTERLY DIRECTION ALONG THE SOUTH LINE OF SAID PARCEL 'A', FOR A DISTANCE OF 209.34 FEET TO THE SOUTHWEST CORNER OF SAID PARCEL 'A', THENCE WITH AN ANGLE TO THE LEFT OF 90 16’30” RUN IN A NORTHERLY DIRECTION ALONG THE WEST LINE OF SAID PARCEL 'A', FOR A DISTANCE OF 135.00 FEET TO THE POINT OF BEGINNING.

THENCE RUN NORTH 01 11’53” WEST ALONG THE EASTERLY LINE OF BLOCK 5, 109.28 FEET TO THE POINT OF BEGINNING.

SAID LAND SITUATES , LYING AND BEING IN THE CITY OF POMPANO BEACH, BROWARD COUNTY, FLORIDA, CONTAINING 0.0605 ACRES (2,637 SQUARE FEET), MORE OR LESS.

SUBJECT TO EASEMENTS, RESTRICTIONS, RESERVATIONS, COVENANTS AND RIGHTS—OF—WAY.



Clyde  
R  
Mason II

Digitally signed by:  
CLyde R Mason II  
DN: CN = CLyde  
R Mason II email =  
clyde@ritzel-  
mason.com C =  
US O = Ritzel-  
Mason, Inc OU =  
Survey  
Date: 2023.09.05  
15:48:00 -04'00'

09/05/2023

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J—17.050 THROUGH 5J—17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

CLYDE R. MASON II PSM LS 6905

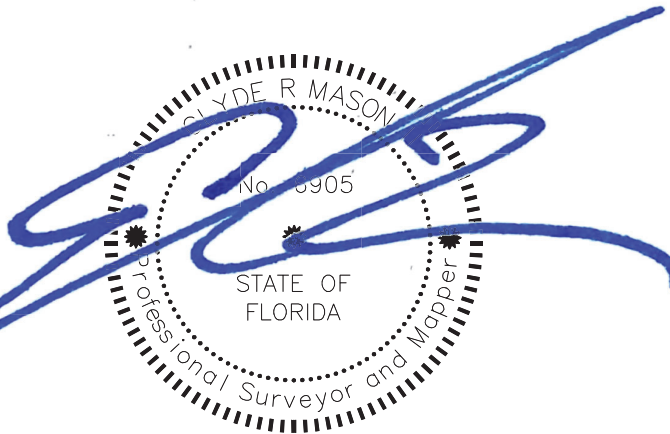
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DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
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BOUNDARY & TOPOGRAPHIC SURVEY  
23—043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E

DRWN BY: RDI  
RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23



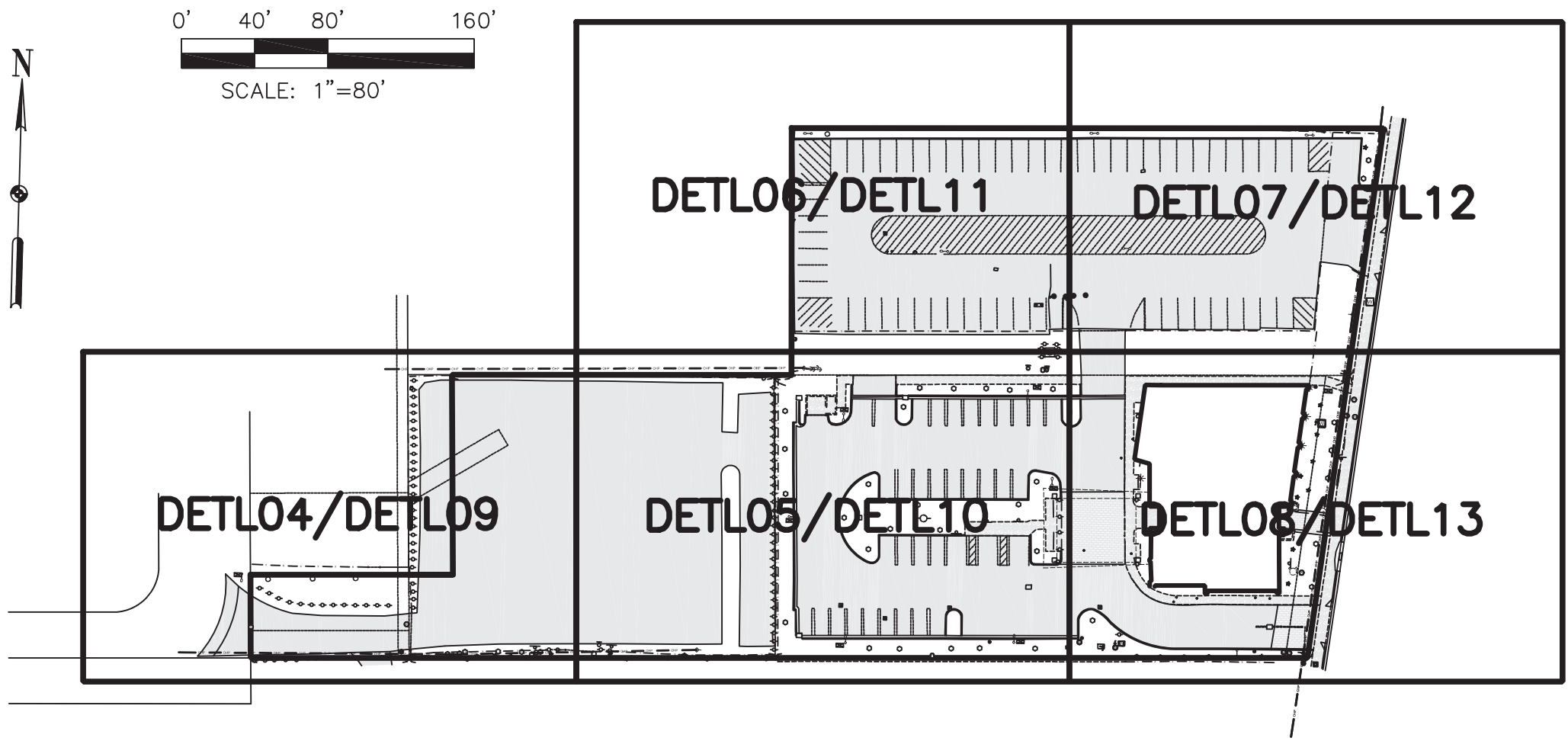


CLYDE R. MASON II    PSM LS 6905    DATE

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Mason  
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Digitally signed by:  
CLyde R Mason II  
DN: CN = CLyde R  
Mason II email =  
clyde@ritzel-  
mason.com C = US  
O = Ritzel-Mason,  
Inc OU = Survey  
Date: 2023.09.05  
15:48:42 -04'00'

09/05/2023

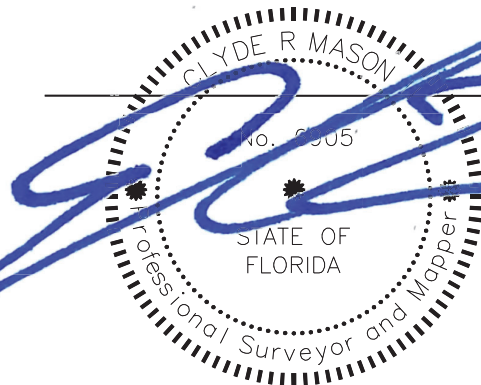
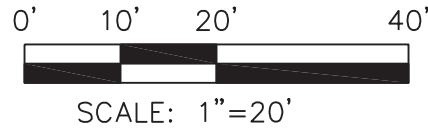


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RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23

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DATE:		DESC.:	

BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



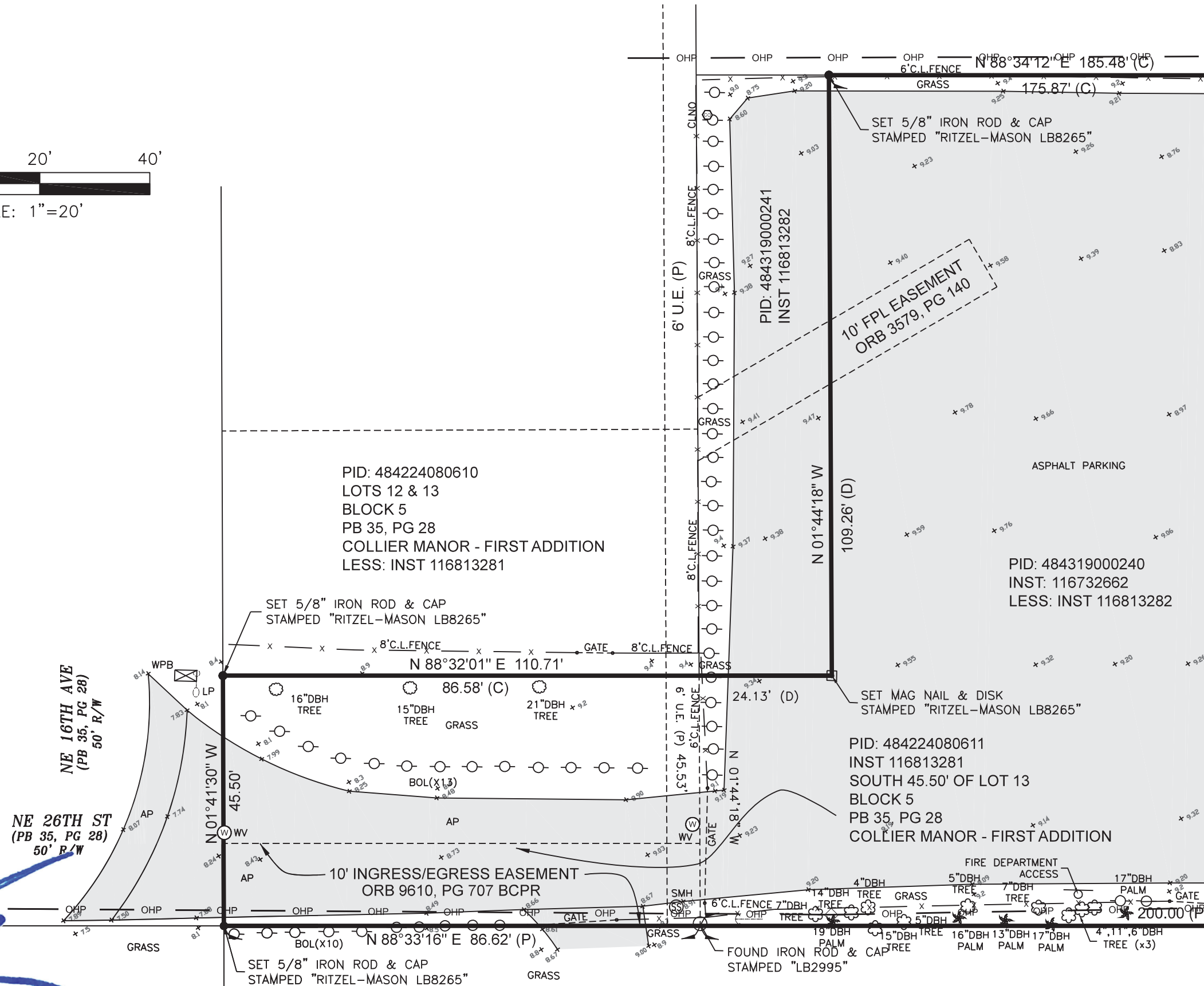


CLyde R  
Mason II

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CN = CLyde R Mason II  
mail = clyde@ritzel-mason.com  
US O = Ritzel-Mason, Inc OU  
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e: 2023.09.05 15:49:19 -04'00

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

DRWN BY: RDT  
RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23



SEE SHEET 5 OF 13

Sheet 4 of 13



A SURVEYING &amp; MAPPING FIRM

DATE:	7/28/23	DESC.:	ADDITIONAL TREES
DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
DATE:		DESC.:	
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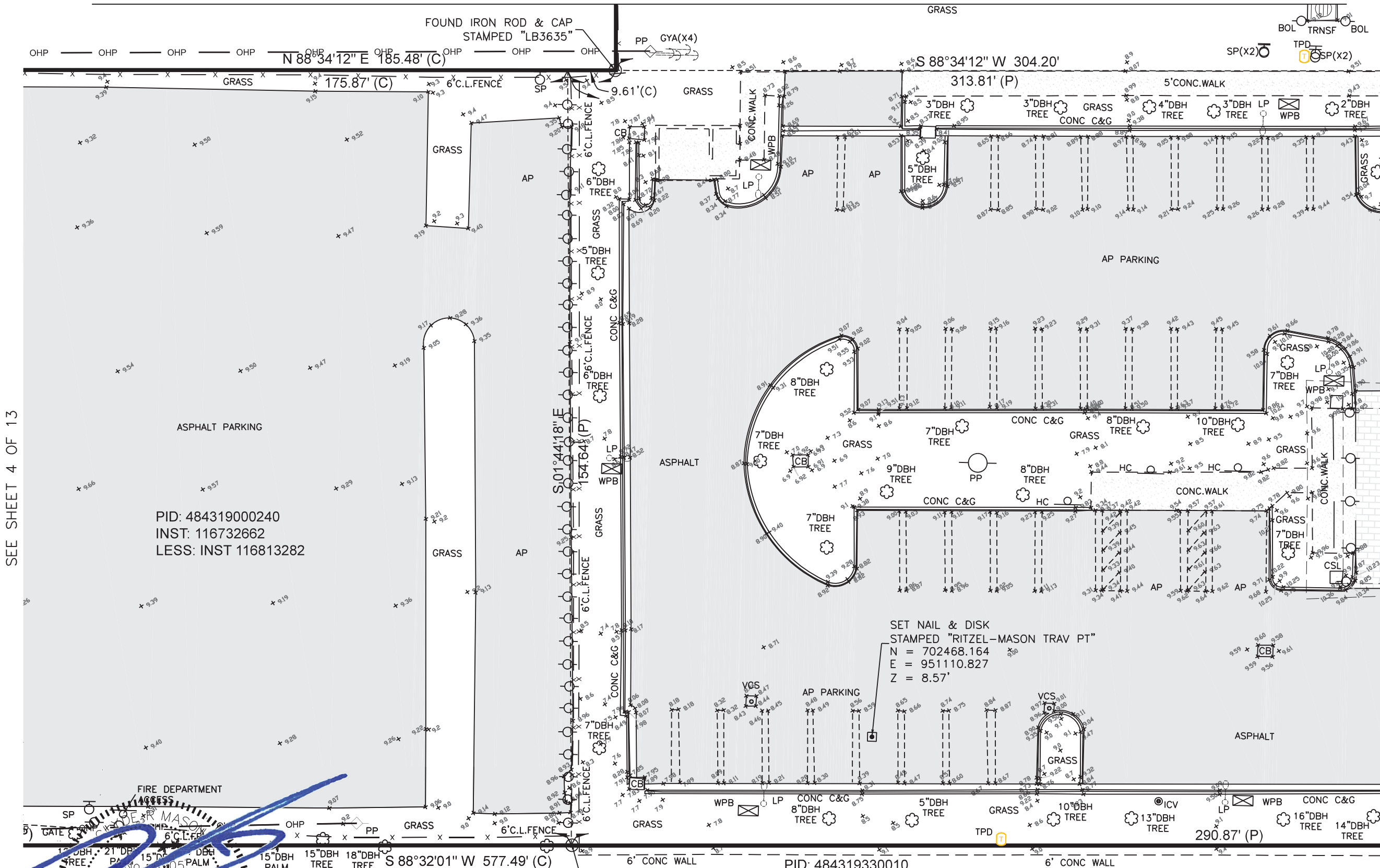
BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTETTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



SEE SHEET 4 OF 13

SEE SHEET 6 OF 13

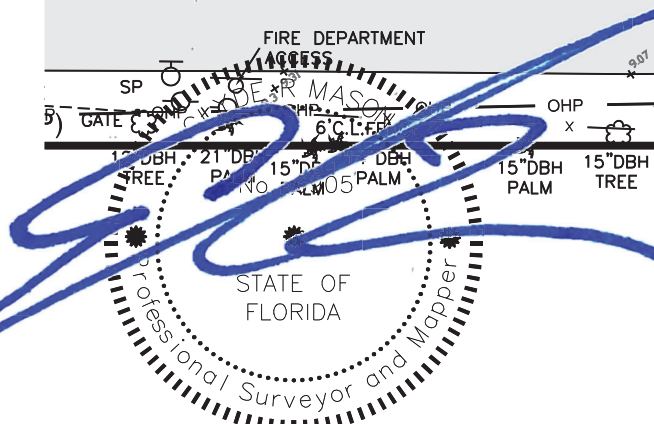
Sheet 5 of 13



SEE SHEET 8 OF 13



SCALE: 1"=20'



Clyde R  
Mason II

Digitally signed by: Clyde R  
Mason II  
DN: CN = Clyde R Mason II  
email = clyde@ritzel-mason.  
com C = US O = Ritzel-  
Mason, Inc OU = Survey  
Date: 2023.09.05 15:50:00 -  
04'00'

09/05/2023

CLYDE R. MASON II PSM LS 6905

DATE

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

PID: 484319330010  
PB 154, PG 43  
SIRCO OF POMPANO

DRWN BY: RDI  
RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23

BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E

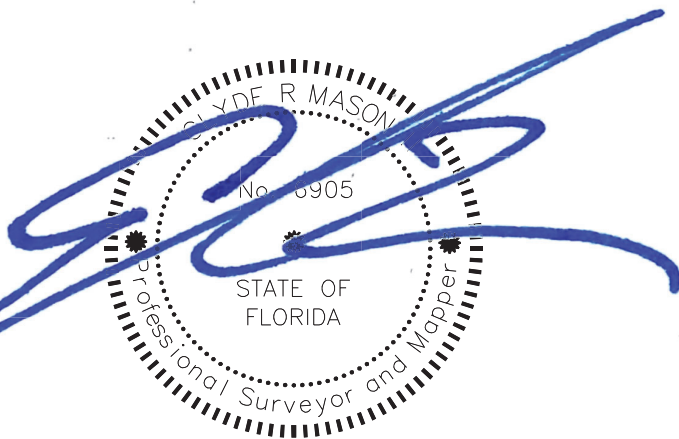
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LB-8265  
5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
PH: 561-634-6701  
www.ritzel-mason.com



A SURVEYING & MAPPING FIRM





CLYDE R. MASON II PSM LS 6905

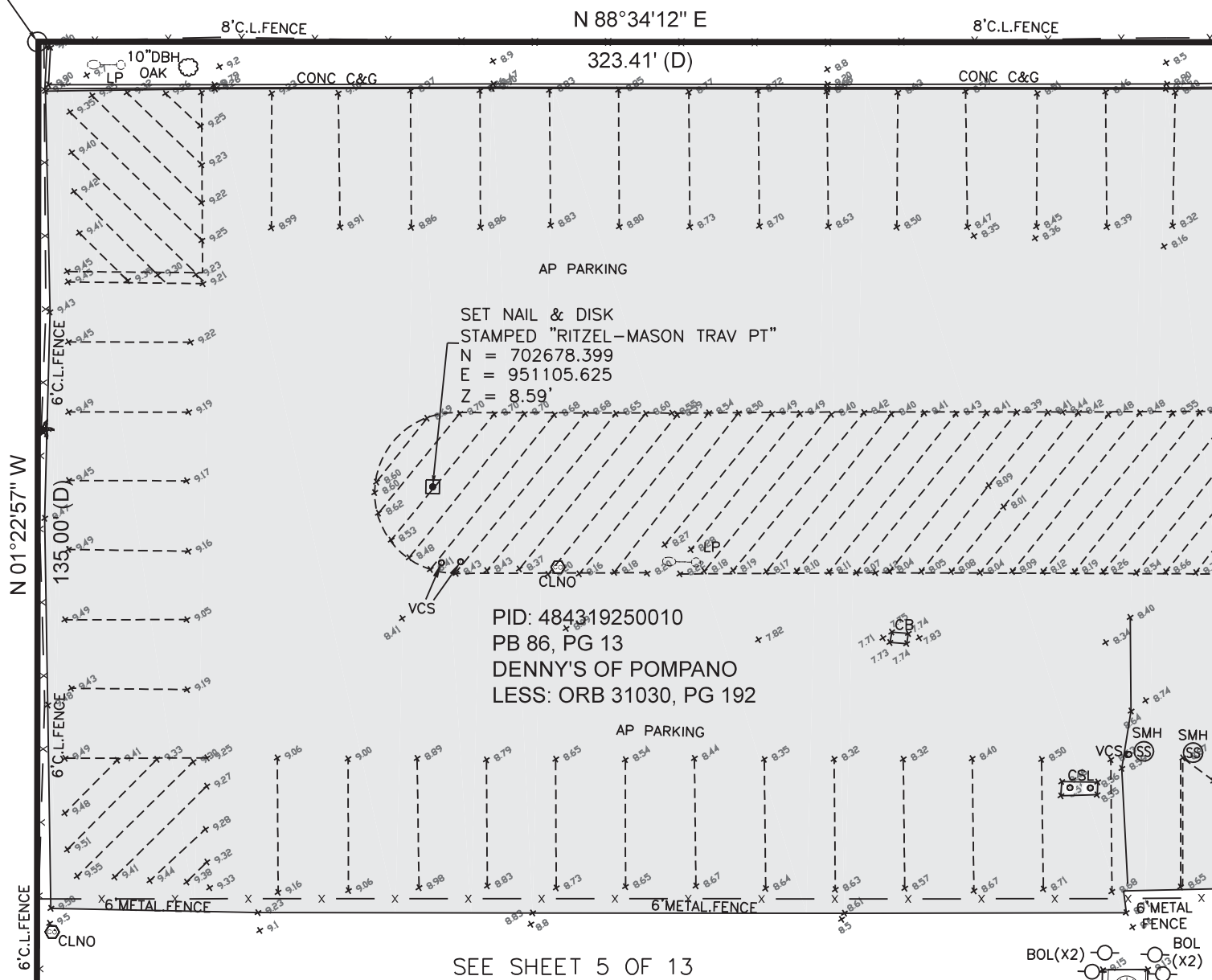
CLyde  
R  
Mason  
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CLyde R Mason II  
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Mason II email =  
clyde@ritzel-  
mason.com C = US  
O = Ritzel-Mason,  
Inc OU = Survey  
Date: 2023.09.05  
15:50:48 -04'00'

09/05/2023  
DATE

PID: 484319250020  
REMAINDER OF PB 86, PG 13  
DENNY'S OF POMPAO  
ORB 31030, PG 192

FOUND IRON ROD & CAP  
STAMPED "LB3635"



I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

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DATE: 7/13/23



SEE SHEET 7 OF 13

Sheet 6 of 13

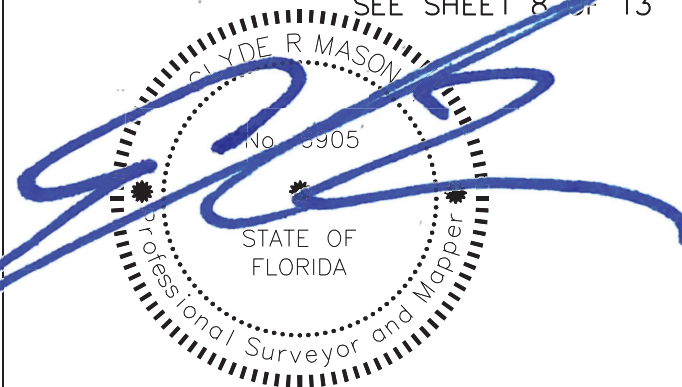
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BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPAO BEACH  
2669 N FEDERAL HWY, POMPAO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



# SUPPLYING

SEE SHEET 8 OF 13



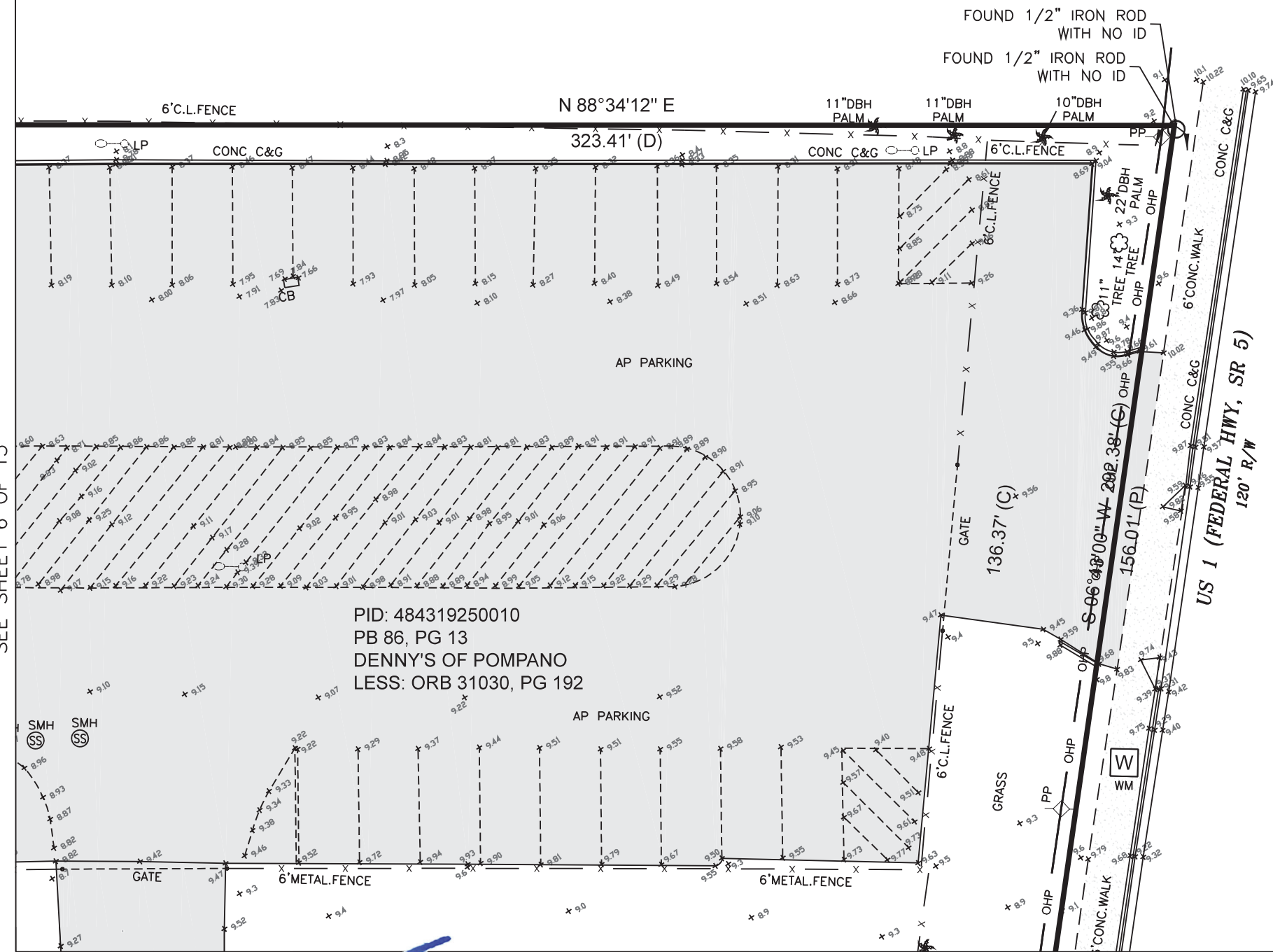
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CLyde R Mason II  
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R Mason II email =  
clyde@ritzelmason.com C =  
US O = Ritzel-  
Mason, Inc OU =  
Survey  
Date: 2023.09.05  
15:51:30 -04'00'

09/05/2023

DATE \_\_\_\_\_

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.



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RVWD BY: CRM  
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DATE: 7/13/23

Sheet 7 of 13



SCALE: 1"=20'



DATE:	7/28/23	DESC.:	ADDITIONAL TREES
DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
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BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
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2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



**LB-8265**  
5119 BEECHWOOD RD,  
DELRAY BEACH, FL 33484  
PH: 561-634-6701  
[www.rilzel-mason.com](http://www.rilzel-mason.com)



**RTITZEL  
-MASON**

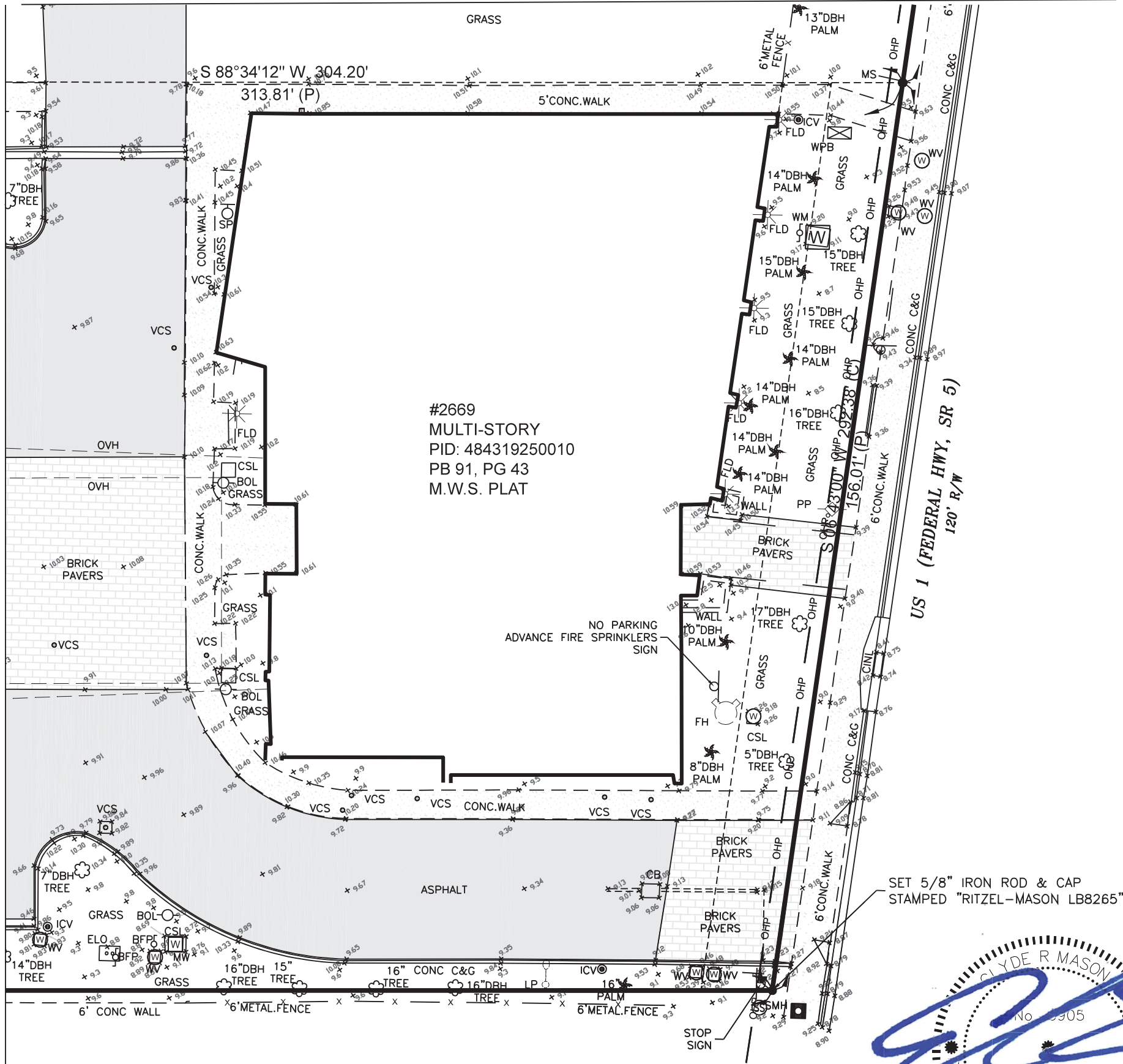
A SURVEYING & MAPPING FIRM

www.rtm.com



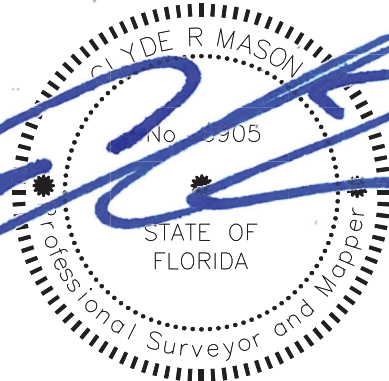
SEE SHEET 5 OF 13

SEE SHEET 7 OF 13



I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

CLYDE R. MASON II PSM LS 6905



CLyde R  
Mason II

Digitally signed by: CLyde R Mason II  
DN: CN = CLyde R Mason II email = clyde@ritzel-mason.com C = US  
O = Ritzel-Mason, Inc OU = Survey  
Date: 2023.09.05 15:52:11 -04'00'

09/05/2023

DATE

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RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23



SCALE: 1"=20'

Sheet 8 of 13

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5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
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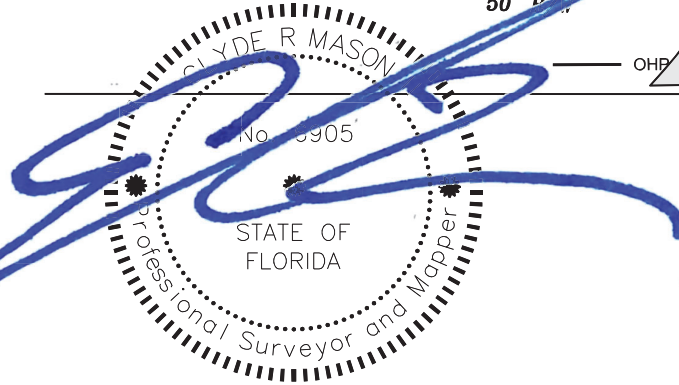
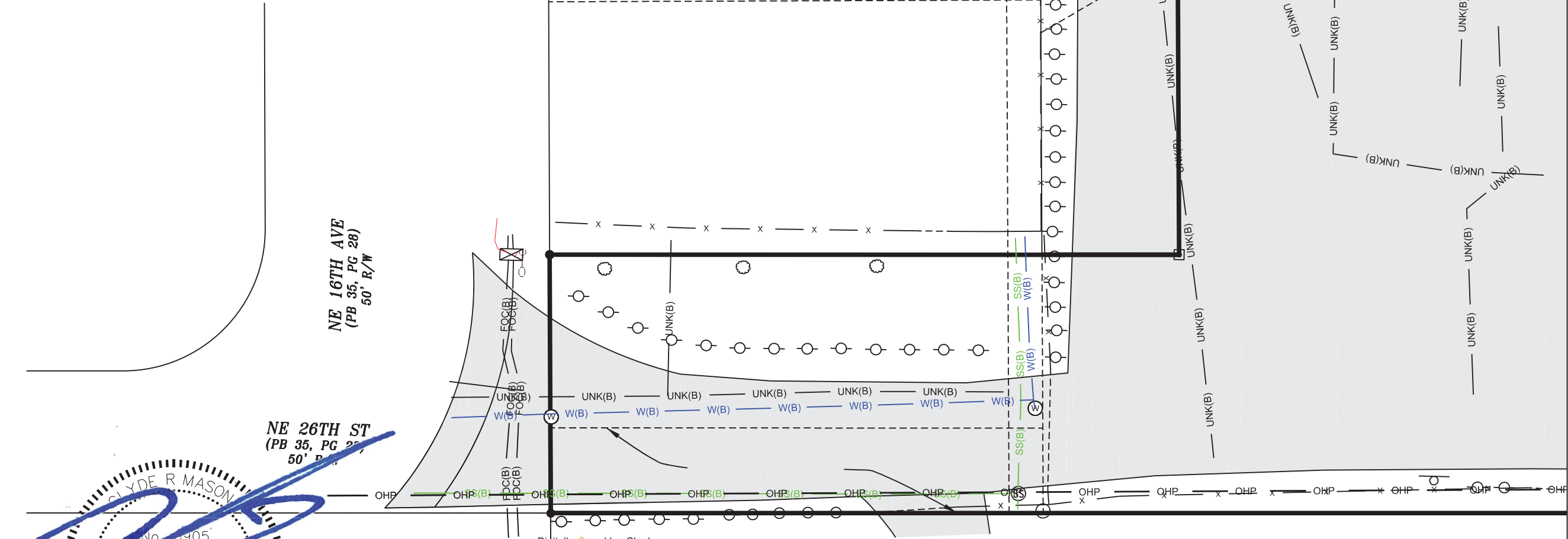
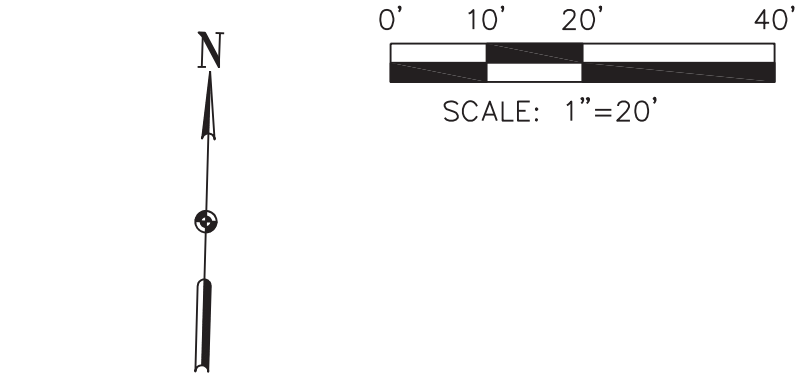
A SURVEYING & MAPPING FIRM

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DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
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BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



SUPPLYING SURVEY SOLUTIONS



Clyde  
R  
Mason II

Digitally signed by: CLyde  
R Mason II  
DN: CN = CLyde R  
Mason II email =  
clyde@ritzel-mason.com  
C = US O = Ritzel-  
Mason, Inc OU = Survey  
Date: 2023.09.05 15:52:  
48 -04'00'

09/05/2023

DATE

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.

DRWN BY: RDI  
RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23

SEE SHEET 10 OF 13

Sheet 9 of 13

LB-8265  
5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
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DATE:	7/28/23	DESC.:	ADDITIONAL TREES
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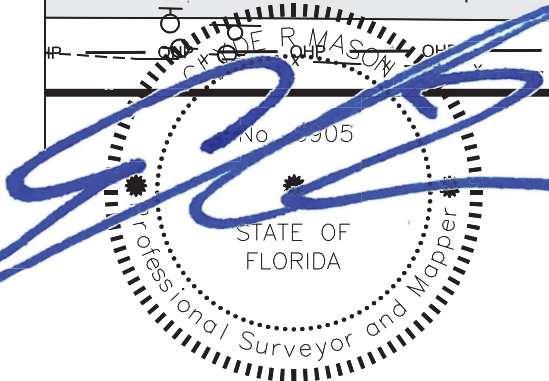
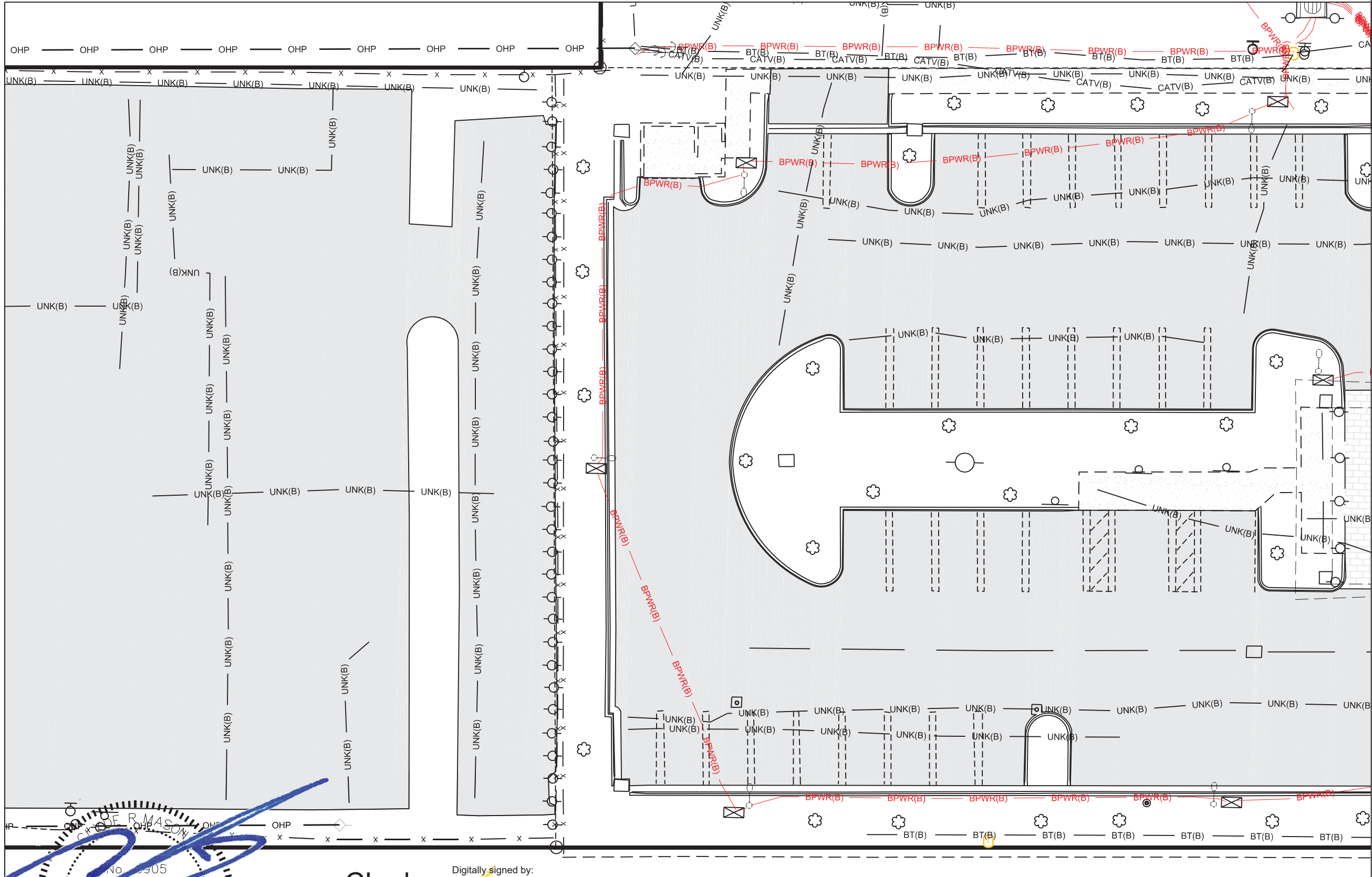


SUPPLYING SURVEY SOLUTIONS

SEE SHEET 9 OF 13

SEE SHEET 11 OF 13

Sheet 10 of 13



CLYDE  
R  
Mason II

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CLYDE R Mason II  
DN: CN = CLYDE R  
Mason II email =  
clyde@ritzel-mason.com  
C = US O = Ritzel-  
Mason, Inc OU = Survey  
Date: 2023.09.05 15:53:  
36 -04'00'

09/05/2023

DATE

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RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23

SCALE: 1"=20'

SEE SHEET 13 OF 13

LB-8265  
5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
PH: 561-634-6701  
www.ritzel-mason.com

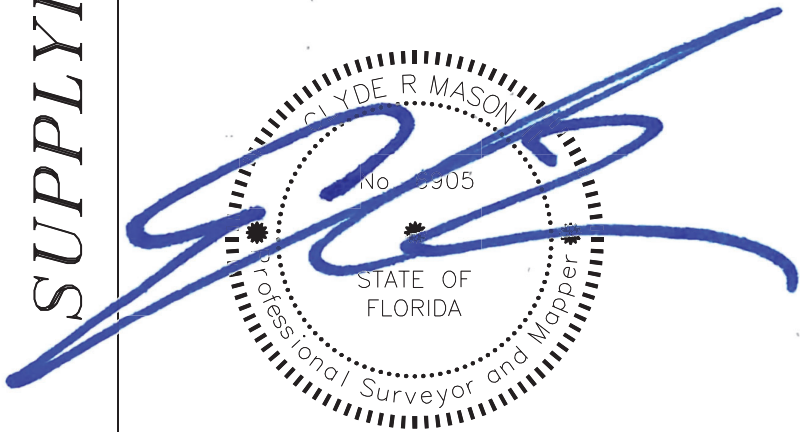


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DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
DATE:		DESC.:	
DATE:		DESC.:	
DATE:		DESC.:	

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BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E



SUPPLYING SURVEY SOLUTIONS



CLYDE R. MASON II PSM LS 6905

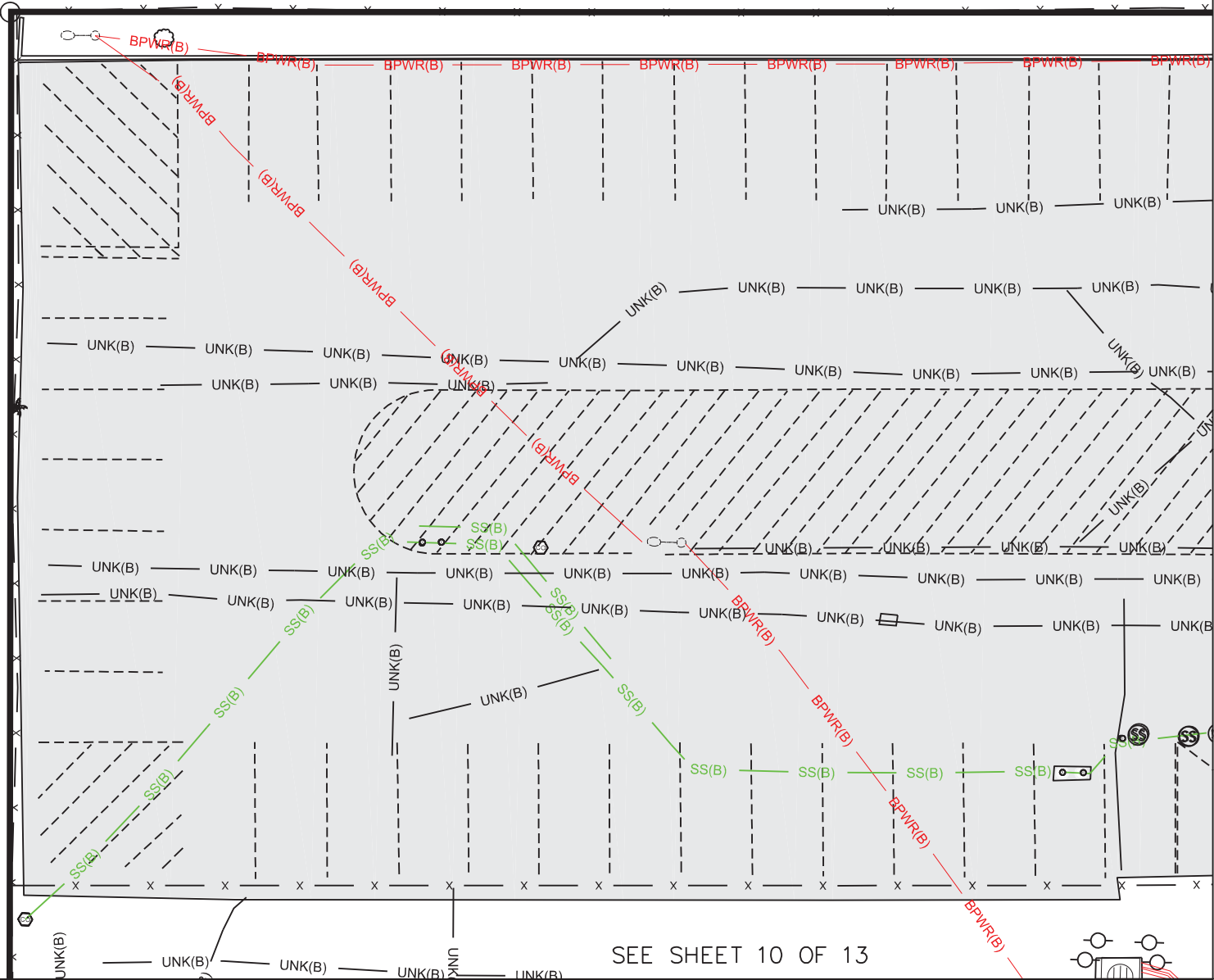
CLyde  
R  
Mason  
II

09/05/2023

DATE

Digitally signed by:  
CLyde R Mason II  
DN: CN = CLyde R  
Mason II email =  
clyde@ritzel-  
mason.com C = US  
O = Ritzel-Mason,  
Inc OU = Survey  
Date: 2023.09.05  
15:54:20 -04'00'

I HEREBY CERTIFY THAT THE ATTACHED BOUNDARY SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD BY MYSELF. I FURTHER CERTIFY THAT THIS BOUNDARY SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17.050 THROUGH 5J-17.052, OF THE FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, OF FLORIDA STATUTES.



SEE SHEET 12 OF 13



Sheet 11 of 13

DRWN BY: RD1  
RVWD BY: CRM  
FLD BK: \_\_\_\_\_  
BK PG: \_\_\_\_\_  
DATE: 7/13/23

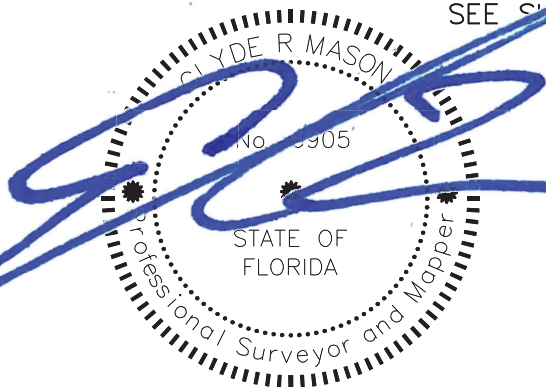
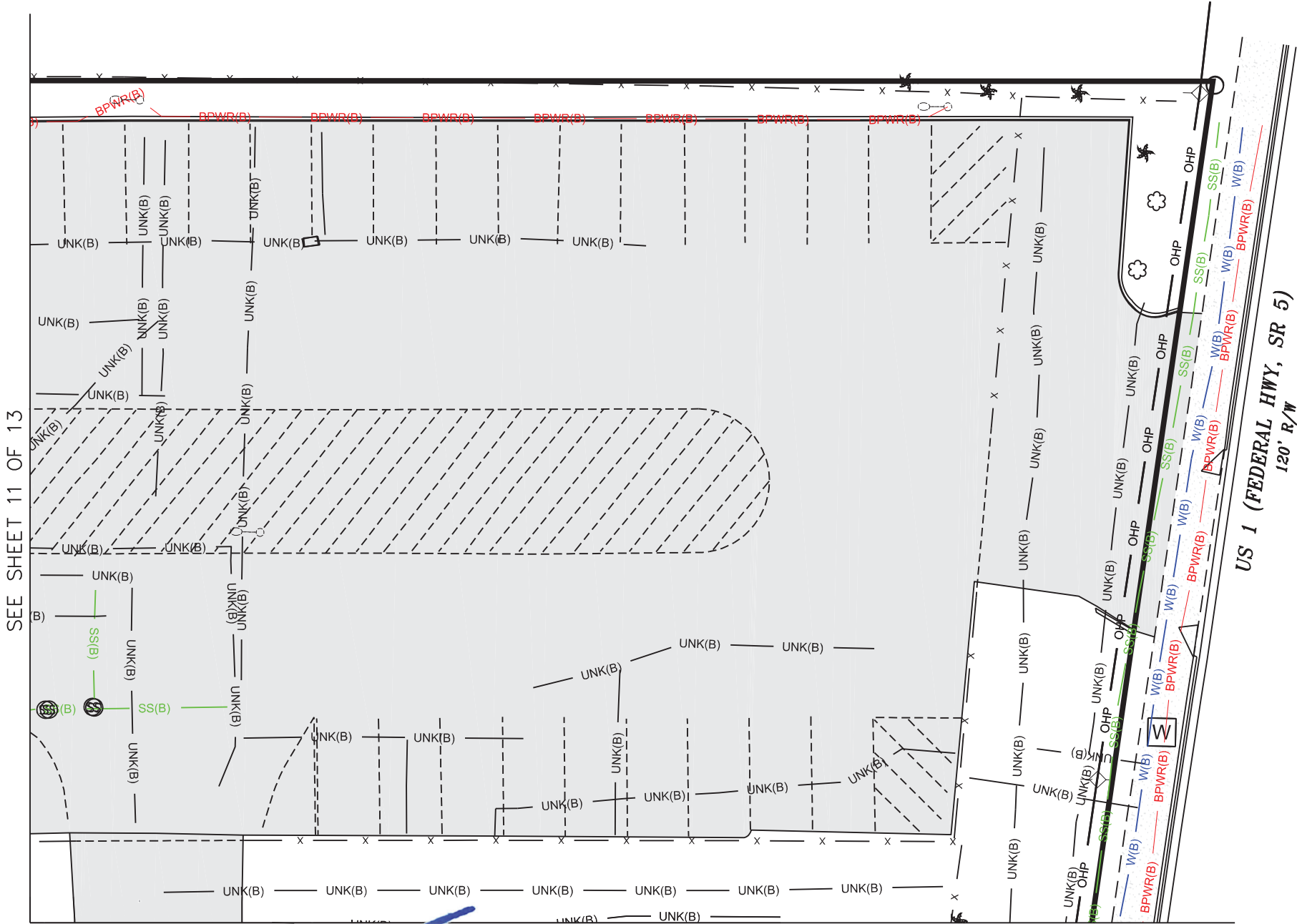
LB-8265  
5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
PH: 561-634-6701  
www.ritzel-mason.com



DATE:	7/28/23	DESC.:	ADDITIONAL TREES
DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
DATE:		DESC.:	
DATE:		DESC.:	
DATE:		DESC.:	

BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPAHO BEACH  
2669 N FEDERAL HWY, POMPAHO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E





CLYDE R. MASON II PSM LS 6905

CLYDE  
R  
Mason  
II

09/05/2023  
DATE

Digitally signed by:  
CLYDE R Mason II  
DN: CN = CLYDE  
R Mason II email =  
clyde@ritzel-  
mason.com C =  
US O = Ritzel-  
Mason, Inc OU =  
Survey  
Date: 2023.09.05  
15:55:06 -04'00'

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DRWN BY: RDI  
RVWD BY: CRM  
FLD BK:       
BK PG:       
DATE: 7/13/23



SCALE: 1"=20'

Sheet 12 of 13

LB-8265  
5119 BEECHWOOD RD.  
DEERAY BEACH, FL 33464  
PH: 561-634-6701  
www.ritzel-mason.com

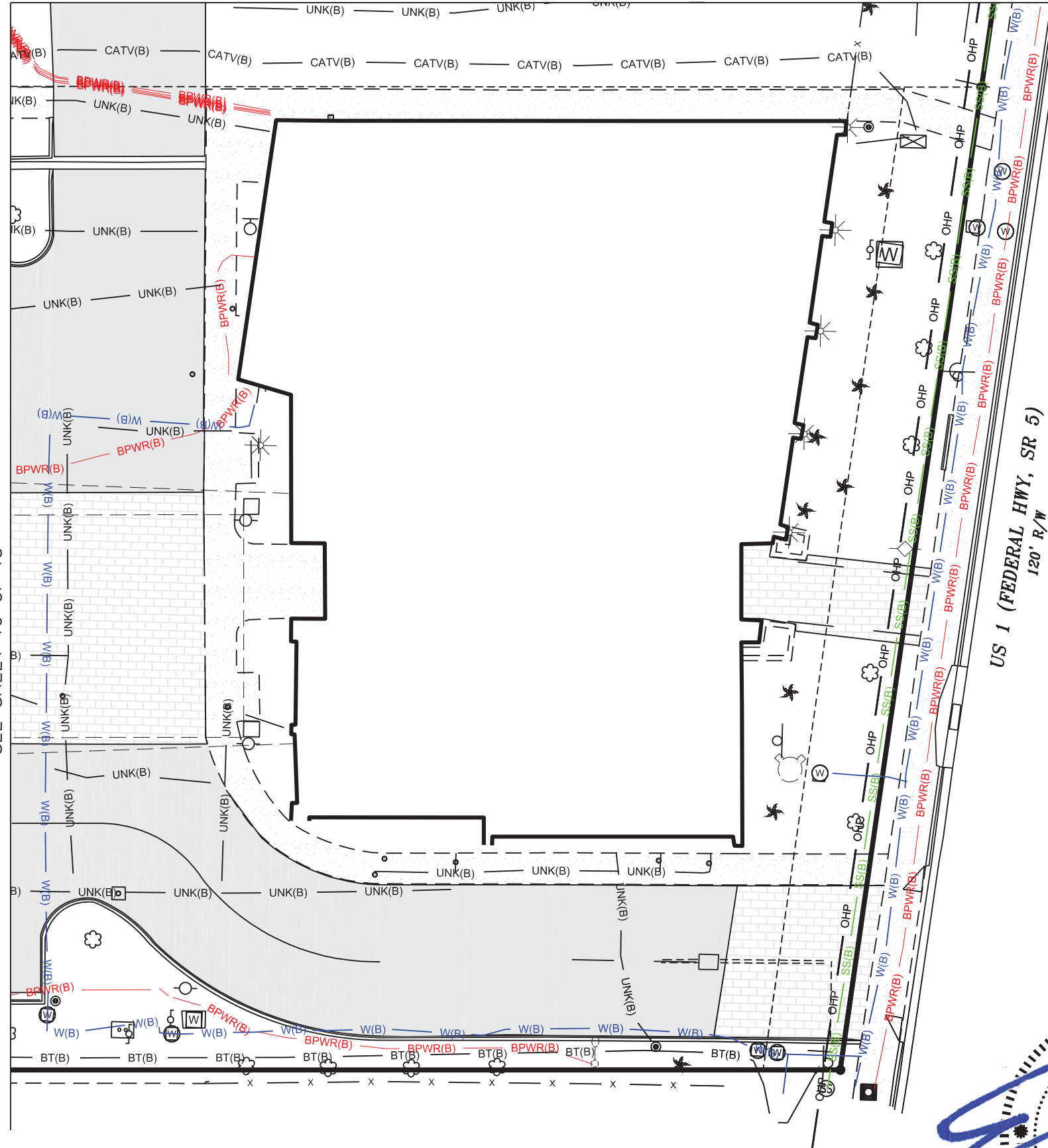


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DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
DATE:		DESC.:	
DATE:		DESC.:	
DATE:		DESC.:	

BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
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LOCATED IN SEC 19, TWP 48S, RNG 43E

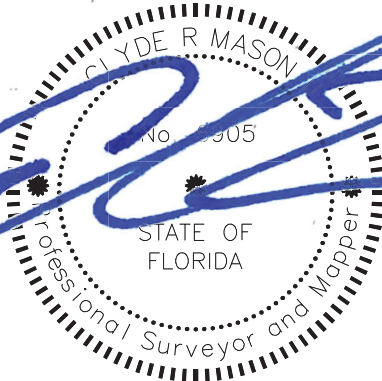


SEE SHEET 10 OF 13



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CLYDE R. MASON II PSM LS 6905



CLyde R  
Mason II

Digitally signed by: CLyde R  
Mason II  
DN: CN = CLyde R Mason II email  
= clyde@ritzel-mason.com C = US  
O = Ritzel-Mason, Inc OU = Survey  
Date: 2023.09.05 15:55:47 -04'00'

09/05/2023

DATE

DRWN BY: RDI  
RVWD BY: CRM  
FLD BK:       
BK PG:       
DATE: 7/13/23



SCALE: 1"=20'

Sheet 13 of 13

DATE:	7/28/23	DESC.:	ADDITIONAL TREES
DATE:	8/25/23	DESC.:	ADD IN SPOT ELEVATIONS
DATE:		DESC.:	
DATE:		DESC.:	
DATE:		DESC.:	

BOUNDARY & TOPOGRAPHIC SURVEY  
23-043 CHARLOTTE BURRIE  
FOR: CITY OF POMPANO BEACH  
2669 N FEDERAL HWY, POMPANO BEACH, FL 33064  
BROWARD COUNTY, FLORIDA  
LOCATED IN SEC 19, TWP 48S, RNG 43E

LB-8265  
5119 BEECHWOOD RD.  
DELRAY BEACH, FL 33484  
PH: 561-634-6701  
www.ritzel-mason.com



A SURVEYING & MAPPING FIRM





LEGEND			
ARCH	ARCHITECTURAL	FT	FEET
BOP	BOTTOM OF PIPE	GV	GATE VALVE
BOT	BOTTOM	HDPE	HIGH DENSITY POLYETHYLENE
CLEAR	CLEARANCE	IE	INVERT ELEVATION
CO	CLEAN OUT	INV	INVERT OF PIPE
CONC	CONCRETE	LF	LINEAR FEET
DDCV	DOUBLE DETECTOR CHECK VALVE	MH	MANHOLE
DIP	DUCTILE IRON PIPE	P	PROPERTY LINE
DR	DRAINAGE	PVC	POLYVINYL CHLORIDE PIPE
ELEV	ELEVATION	PROP	PROPOSED
EXIST	EXISTING	RE	RIM ELEVATION
FDC	FIRE DEPARTMENT CONNECTION	RIM	RIM OF STRUCTURE
FFE	FINISHED FLOOR ELEVATION	RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
FH	FIRE HYDRANT	R/W	RIGHT OF WAY
		STR	STRUCTURE
		TOP	TOP OF PIPE
		TYP	TYPICAL
		WM	WATER MAIN
		w/	WITH
		YD	YARD DRAIN
			EXIST GRADE (FT-NAVD)
			PROP GRADE (FT-NAVD)
			FLOW ARROW
			PROPERTY LINE
			EASEMENT LINE
			R/W LINE

#### NOTES:

- VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
- ALL SIDEWALKS WITHIN THE APPROVED PERMIT LIMITS ARE TO BE ADA COMPLAINT, UPGRADE CURB RAMPS SHALL BE PROVIDED PER CORRESPONDING FOOT STANDARD INDEX.
- ANY DAMAGED SIDEWALK OR CURB AND GUTTER WITHIN THE APPROVED PERMIT LIMITS IS TO BE REMOVED AND REPLACED IN ACCORDANCE WITH BROWARD COUNTY MINIMUM STANDARDS LATEST EDITION.
- ANY PAVEMENT WITHIN THE APPROVED PERMIT LIMITS DAMAGED DURING CONSTRUCTION SHALL BE RECONSTRUCTED IN ACCORDANCE WITH BROWARD COUNTY MINIMUM STANDARDS LATEST EDITION.
- PERMITTEE IS RESPONSIBLE FOR CLEANING OF ALL EXISTING DRAINAGE SYSTEM AFFECTED BY THE CONSTRUCTION WITHIN THE RIGHT-OF-WAY UPON COMPLETION OF THE PROJECT.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING OVERHEAD LINES FOR CLEARANCE PRIOR TO CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AND PERFORM SOFT DIGS ON ALL UNDERGROUND UTILITY LINES OR EQUIPMENT AFFECTING OR AFFECTED BY THE PROJECT.
- CONTRACTOR TO PROVIDE UTILITY POLE STABILIZATION AS NEEDED DURING PIPE INSTALLATION.



Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!



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DATE: April 4, 2025



**WALTERS ZACKRIA ARCHITECTS**

5813 N. ANDREWS WAY  
FORT LAUDERDALE, FL 33309  
PHONE: (954) 522-4123  
FAX: (954) 522-4128  
www.wza-architects.com

Abbas H. Zackria, FL AR 91520

CORPORATE NAME: WALTERS ZACKRIA ASSOCIATES, PLLC, REGISTERED IN THE STATE OF FLORIDA. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. THESE DRAWINGS ARE THE PROPERTY OF WALTERS ZACKRIA ASSOCIATES, PLLC, AND SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM A PRINCIPAL OF THE FIRM OR BE LIABLE FOR THE FULLEST LEGAL RECOURSE. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO EXECUTION OF WORK.

**CITY OF POMPANO BEACH**  
**CHARLOTTE BURRIE COMM. CENTER**  
**PLAZA AND PASSIVE PARK**  
2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

DRAWN BY: LJ  
CHECKED BY: GK  
DATE: 04-03-2023  
REVISIONS:

- 10-23-23 PERMIT CO-ORD
- 12-21-23 BCRED RAI#1
- 02-22-24 BCRED RAI#2
- 05-09-24 BCRED RAI#3
- 07-10-24 BCRED RAI#4
- 04-03-25 OWNER COMMENTS

2203

**C-1**

CIVIL PLAN

GRAPHIC SCALE  
(IN FEET)  
1 INCH = 10 FEET



MATCHLINE  
SHEET C-2



SHEET C-1  
MATCHLINE



LOCATION MAP

LEGEND			
ARCH	ARCHITECTURAL	FT	FEET
BOP	BOTTOM OF PIPE	GV	GATE VALVE
BOT	BOTTOM	HDPE	HIGH DENSITY POLYETHYLENE
CLEAR	CLEARANCE	IE	INVERT ELEVATION
CO	CLEAN OUT	INV	INVERT OF PIPE
CONC	CONCRETE	LF	LINEAR FEET
CONC DOCV	DOUBLE DETECTOR CHECK VALVE	MH	MANHOLE
DIP	DUCTILE IRON PIPE	PL	PROPERTY LINE
DR	DRAINAGE	PVC	POLYVINYL CHLORIDE PIPE
ELEV	ELEVATION	PROP	PROPOSED
EXIST	EXISTING	RE	RIM ELEVATION
FDC	FIRE DEPARTMENT CONNECTION	RIM	RIM OF STRUCTURE
FFE	FINISHED FLOOR ELEVATION	RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
FH	FIRE HYDRANT	R/W	RIGHT OF WAY
		STR	STRUCTURE
		TOP	TOP OF PIPE
		TYP	TYPICAL
		WM	WATER MAIN
		W	WITH
		YD	YARD DRAIN
			EXIST GRADE (FT-NAVD)
			PROP GRADE (FT-NAVD)
			FLOW ARROW
			PROPERTY LINE
			EASEMENT LINE
			R/W LINE

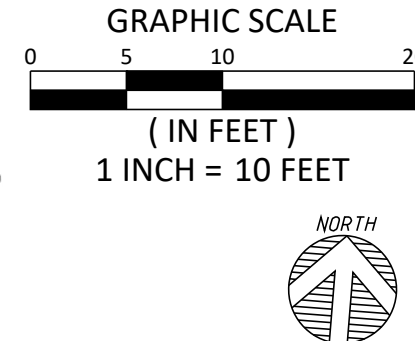
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CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK  
2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

DRAWN BY: LJ  
CHECKED BY: GK  
DATE: 04-03-2023

REVISIONS:

- 10-23-23 PERMIT CO-ORD
- 12-21-23 BCRED RAI#1
- 02-22-24 BCRED RAI#2
- 05-09-24 BCRED RAI#3
- 07-10-24 BCRED RAI#4
- 04-03-25 OWNER COMMENTS

2203

C-2

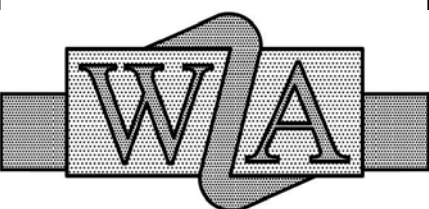
CIVIL PLAN





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POMPANO BEACH, FL 33064

DRAWN BY: LJ  
CHECKED BY: GK  
DATE: 04-03-2023

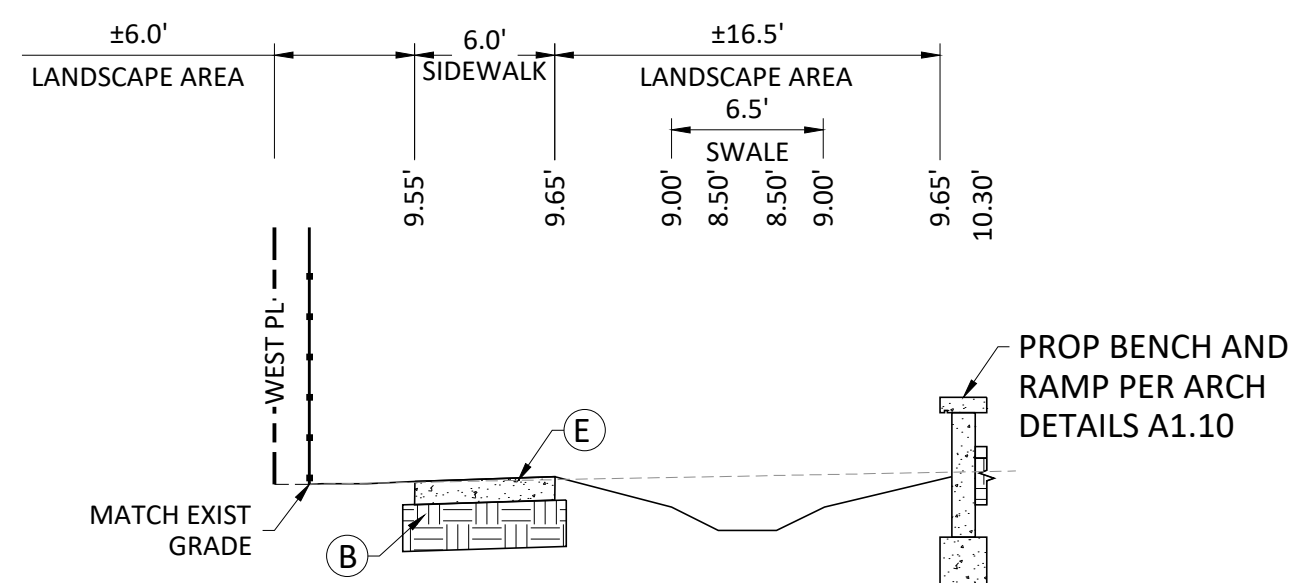
REVISIONS:

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02-22-24 BCRED RAI#2  
05-09-24 BCRED RAI#3  
07-10-24 BCRED RAI#4  
04-03-25 OWNER COMMENTS

2203

**C-3**

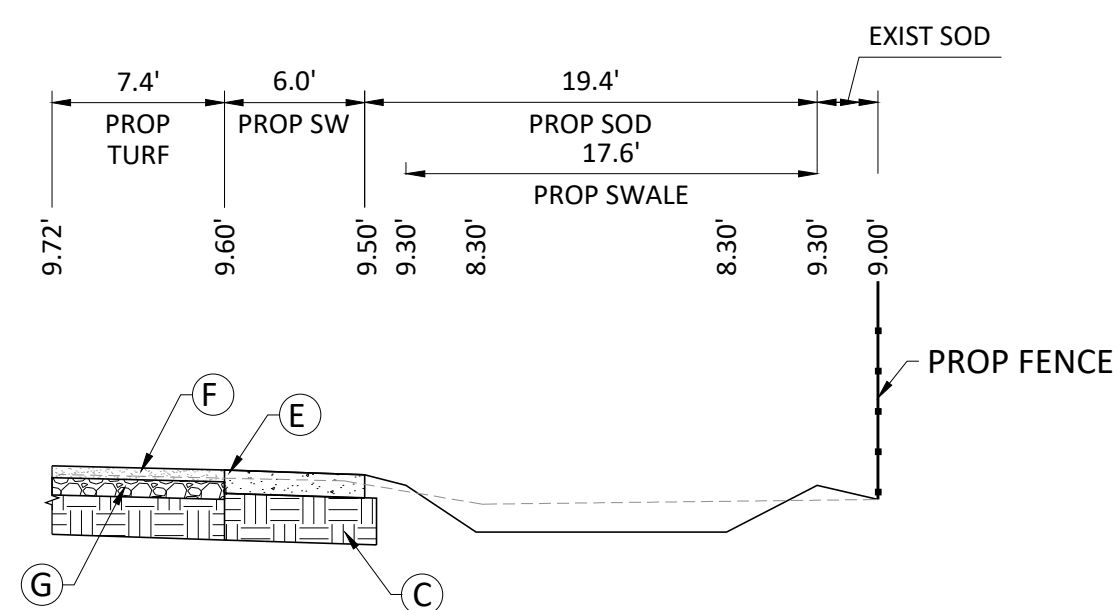
CIVIL SECTIONS



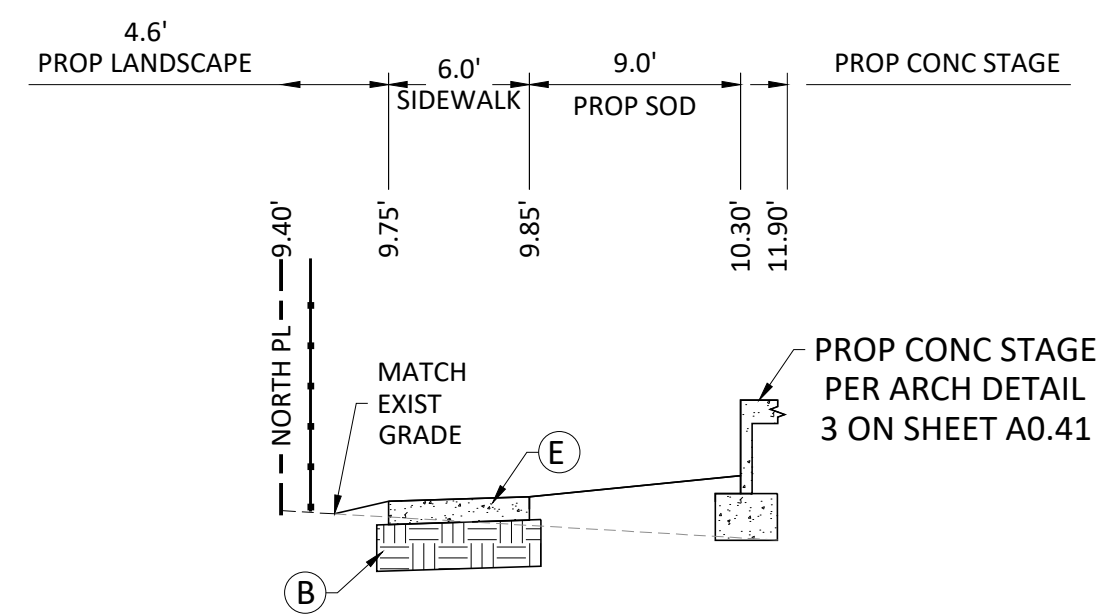
**SECTION A-A**  
N.T.S.

- A 1-1/2" ASPHALTIC CONCRETE
- B 8" LIMEROCK BASE
- C 12" STABILIZED SUBGRADE
- D FDOT TYPE 'D' CURB
- E CONCRETE, 4" THICK
- F ARTIFICIAL TURF SURFACING OVER MIN. 1-1/2" CLOSED CELL FOAM PAD
- G MIN 5" CRUSHED AGGREGATE

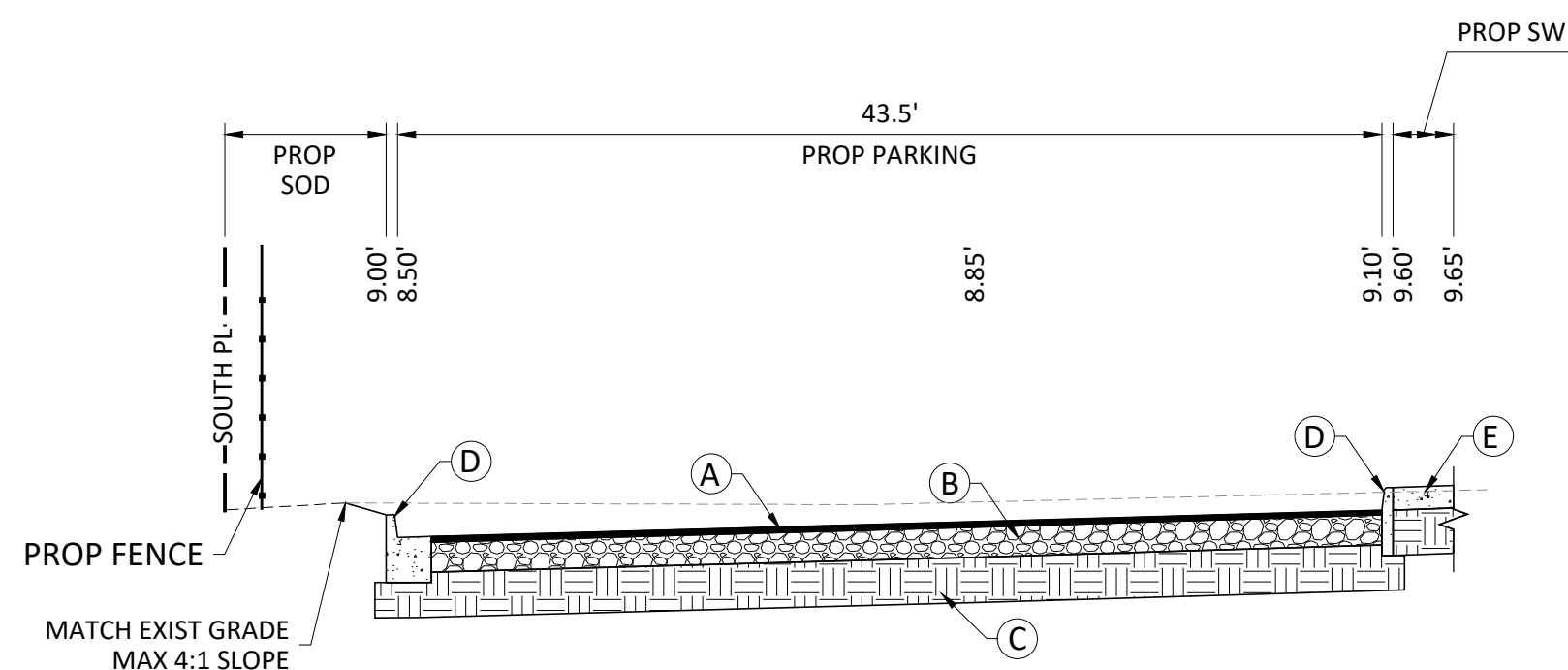
SCALE: 1" = 10' HORIZONTAL  
1" = 5' VERTICAL



**SECTION C-C**  
N.T.S.



**SECTION B-B**  
N.T.S.

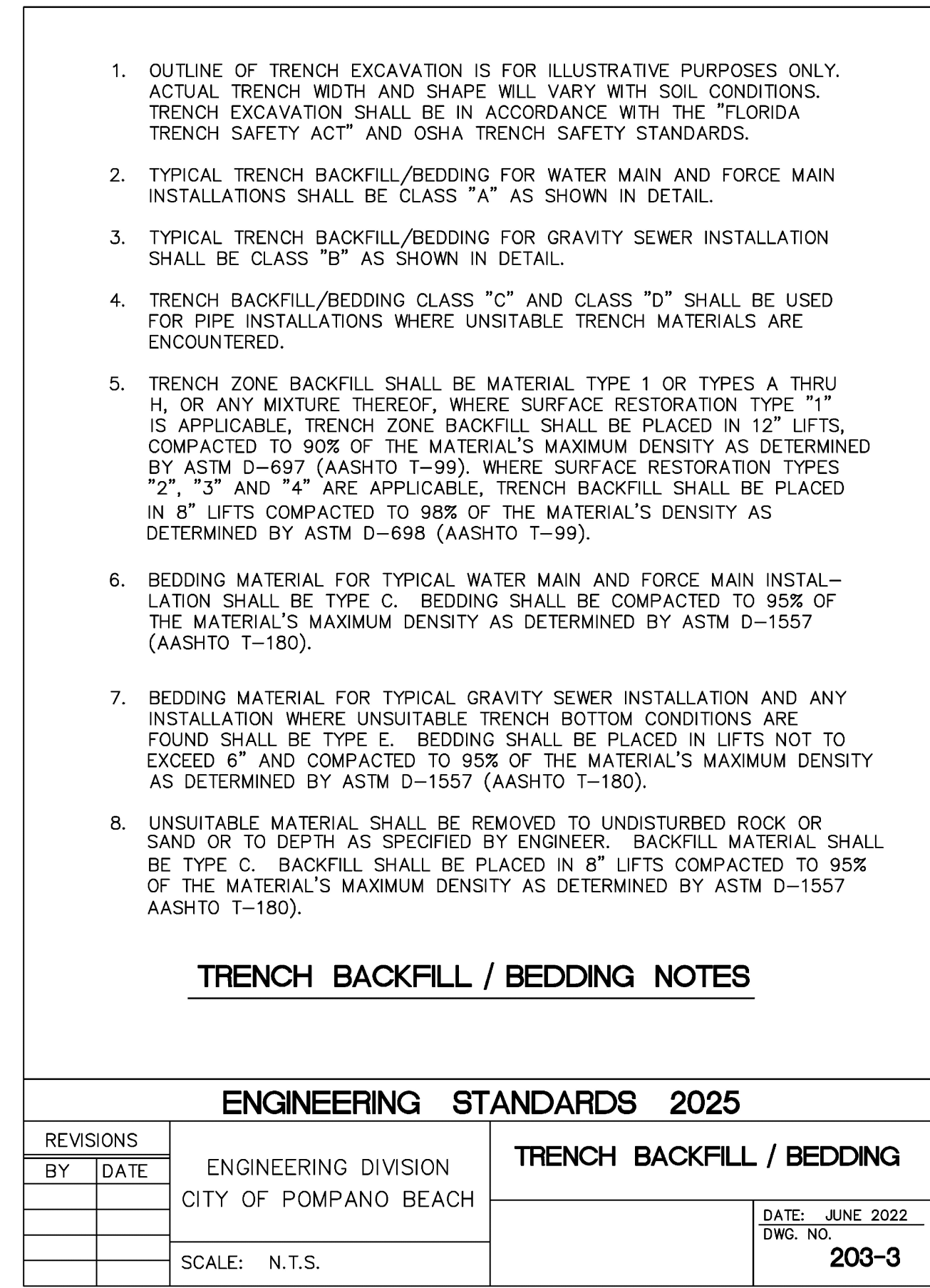
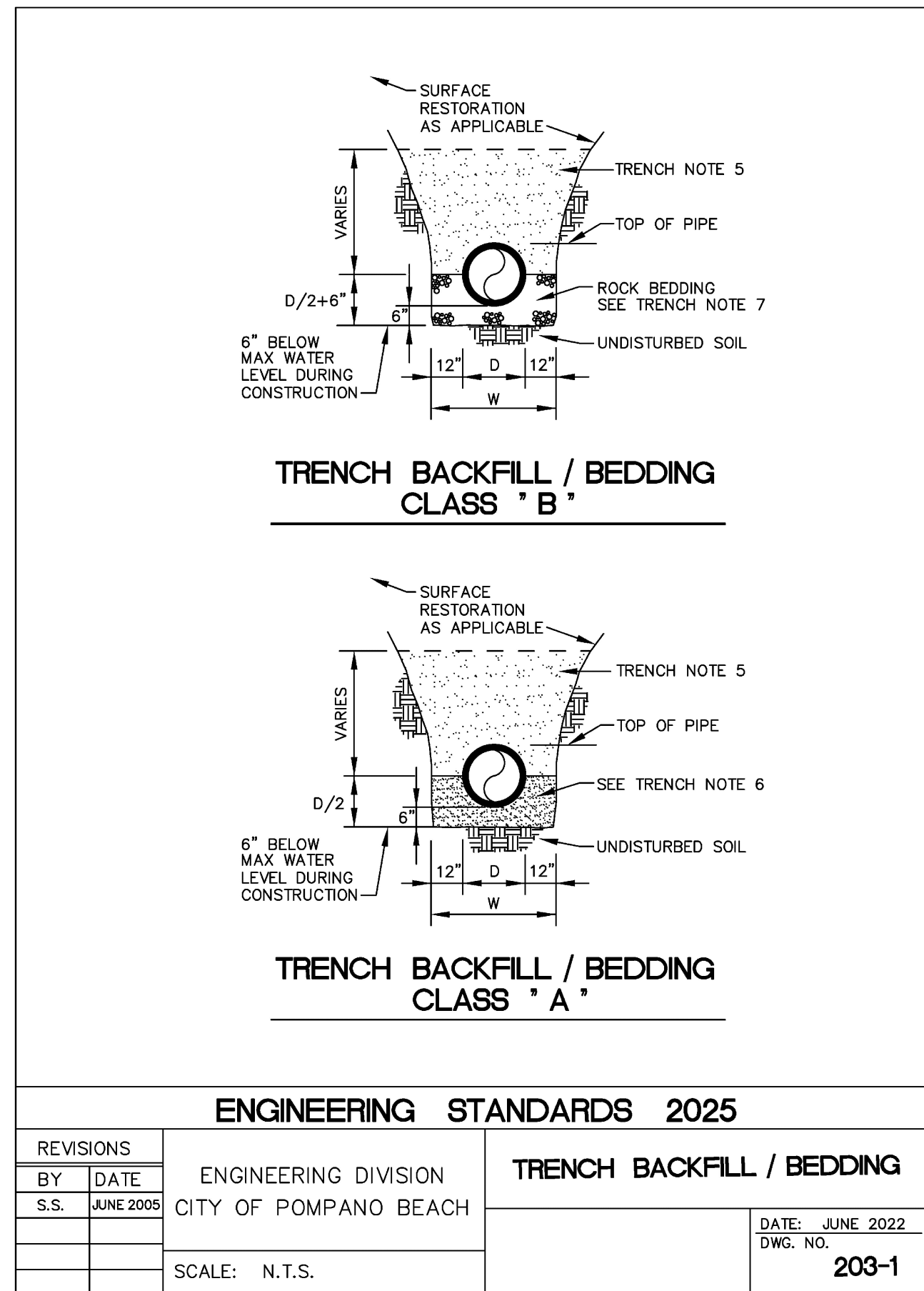
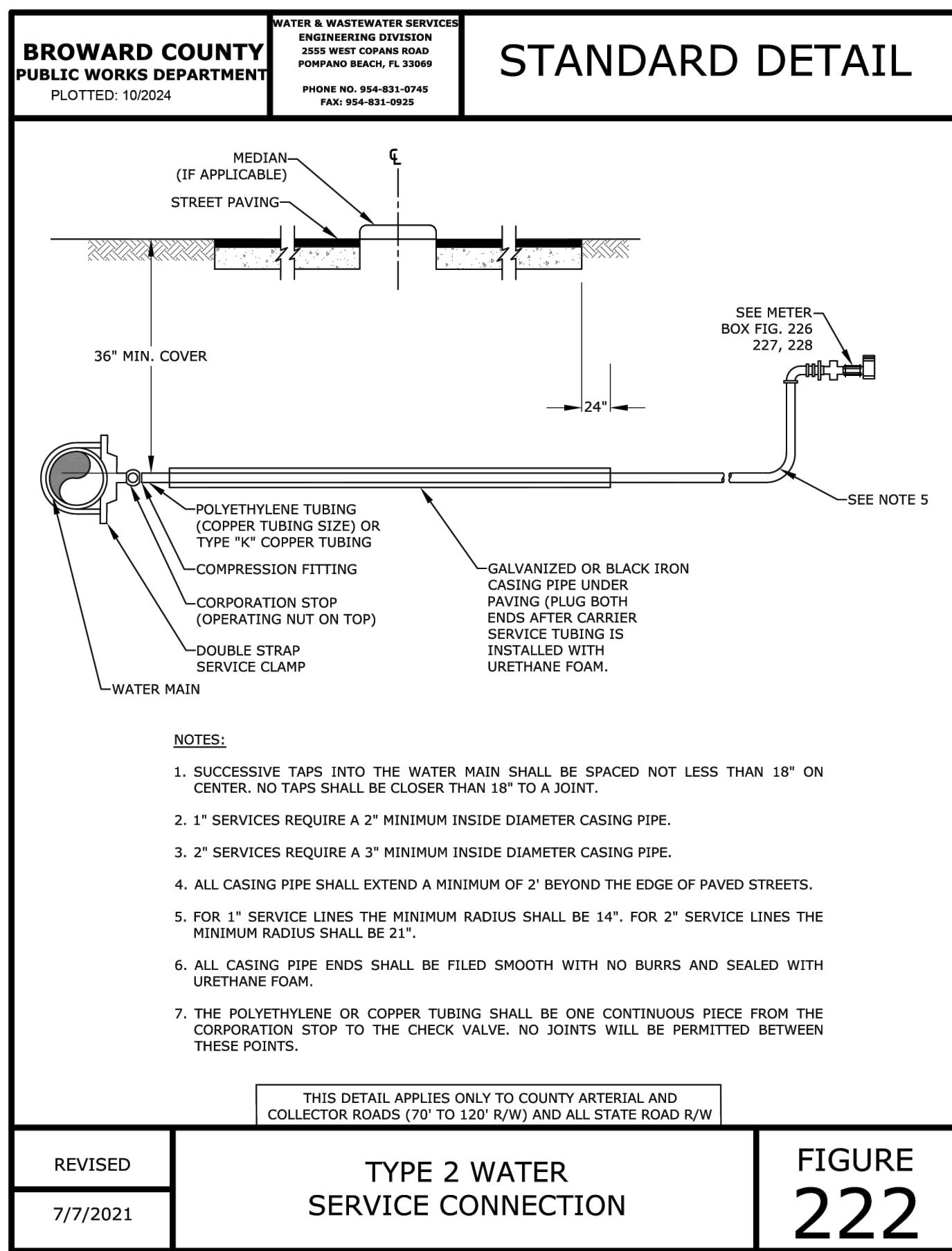
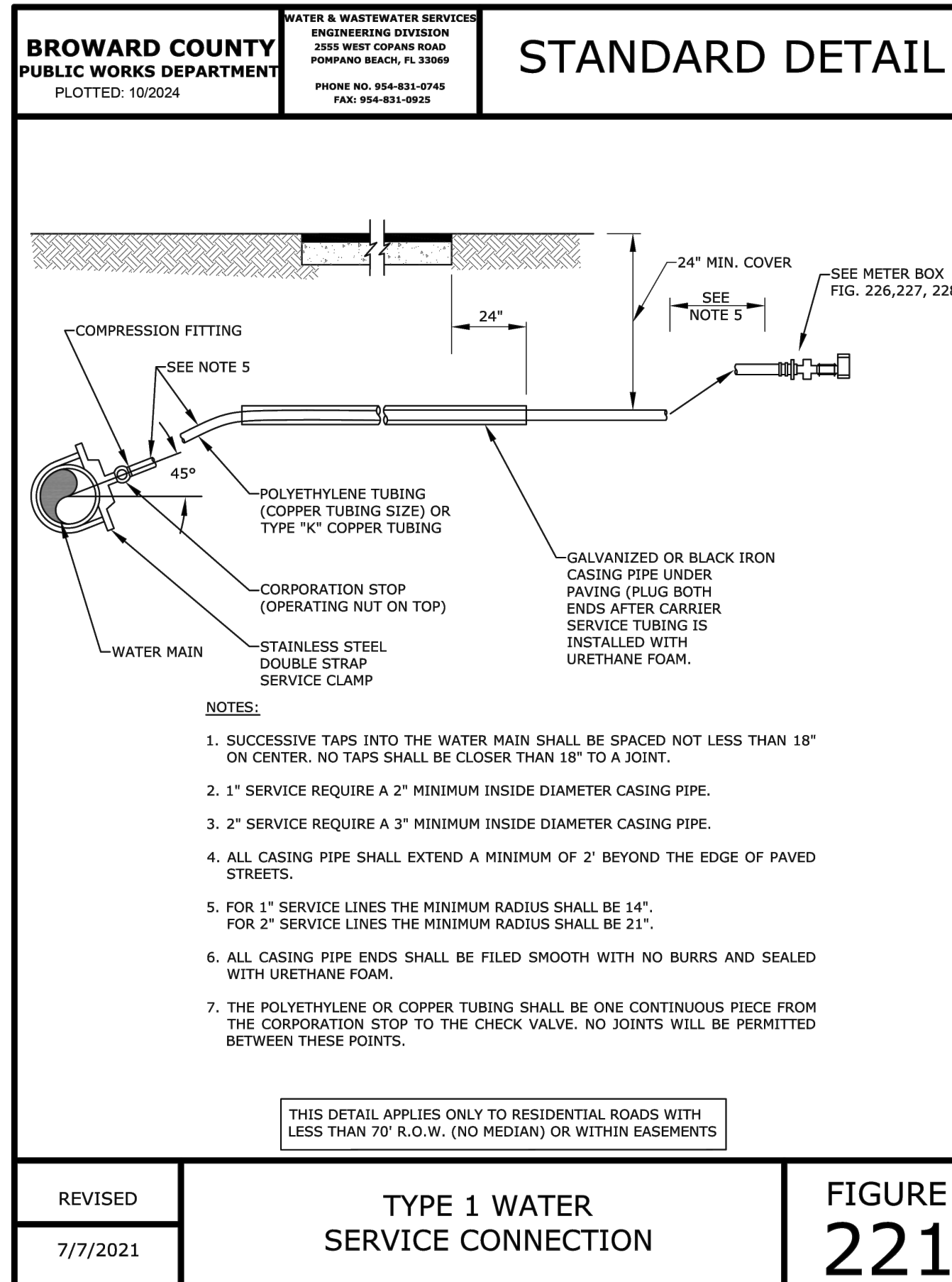


**SECTION D-D**  
N.T.S.

**NOTES:**

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DRAWN BY: LJ  
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3	02-22-24 BCRED RAI#2
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5	07-10-24 BCRED RAI#4
6	04-03-25 OWNER COMMENTS

2203

C-4

CIVIL DETAILS

9. BEDDING TYPES - THE FOLLOWING TYPES OF SUITABLE MATERIALS ARE DESIGNATED AND DEFINED AS FOLLOWING:

TYPE A: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1 INCH SIEVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.

TYPE B: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1/2 INCH SIEVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.

TYPE C: SAND WITH 100 PERCENT PASSING A 3/8 INCH SIEVE, AT LEAST 90 PERCENT PASSING A NUMBER 4 SIEVE, AND A SAND EQUIVALENT VALUE NOT LESS THAN 30.

TYPE D: CRUSHED LIMEROCK WITH 100 PERCENT PASSING A 1 INCH SIEVE AND NOT MORE THAN 10 PERCENT A NUMBER 4 SIEVE.

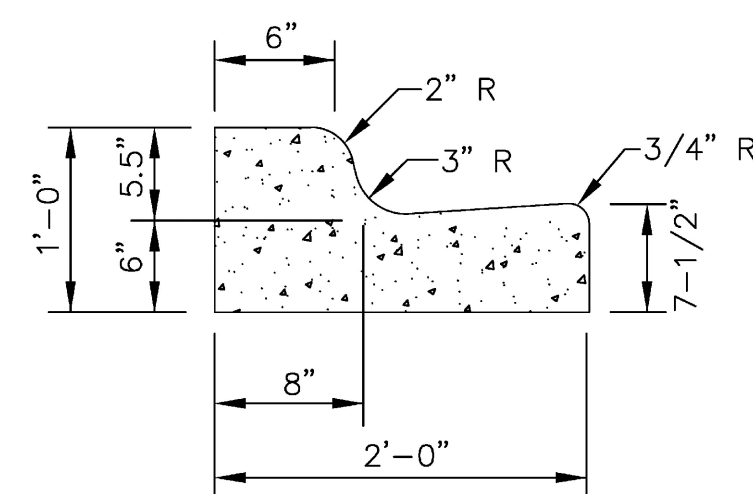
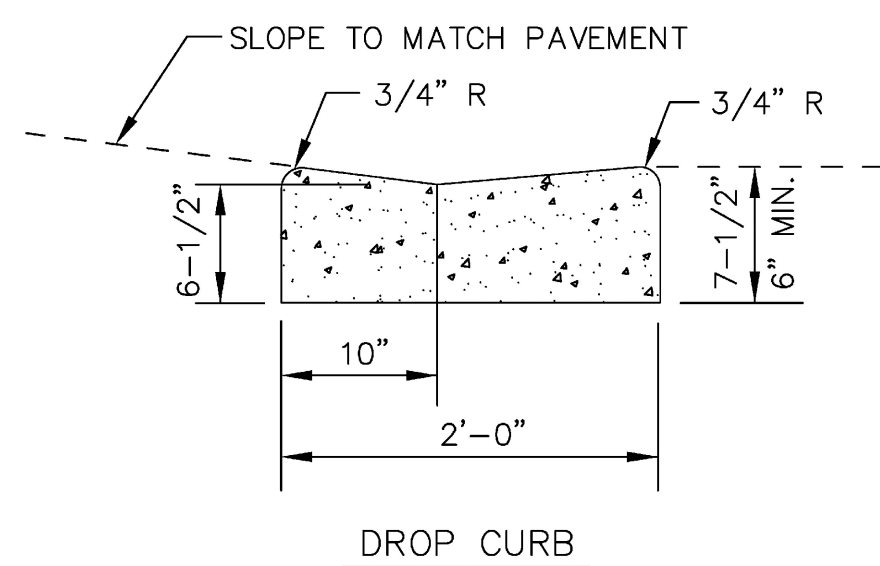
TYPE E: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 3/4 INCH SIEVE AND NOT MORE THAN 10 PERCENT PASSING A NUMBER 4 SIEVE.

TYPE F: CRUSHED LIMEROCK MEETING THE FOLLOWING GRADATION REQUIREMENTS.

SIEVE SIZE	PERCENTAGE PASSING
2 INCH	100
1-1/2 INCH	90-100
1 INCH	20-55
3/4 INCH	0-15
NO. 200	0-3

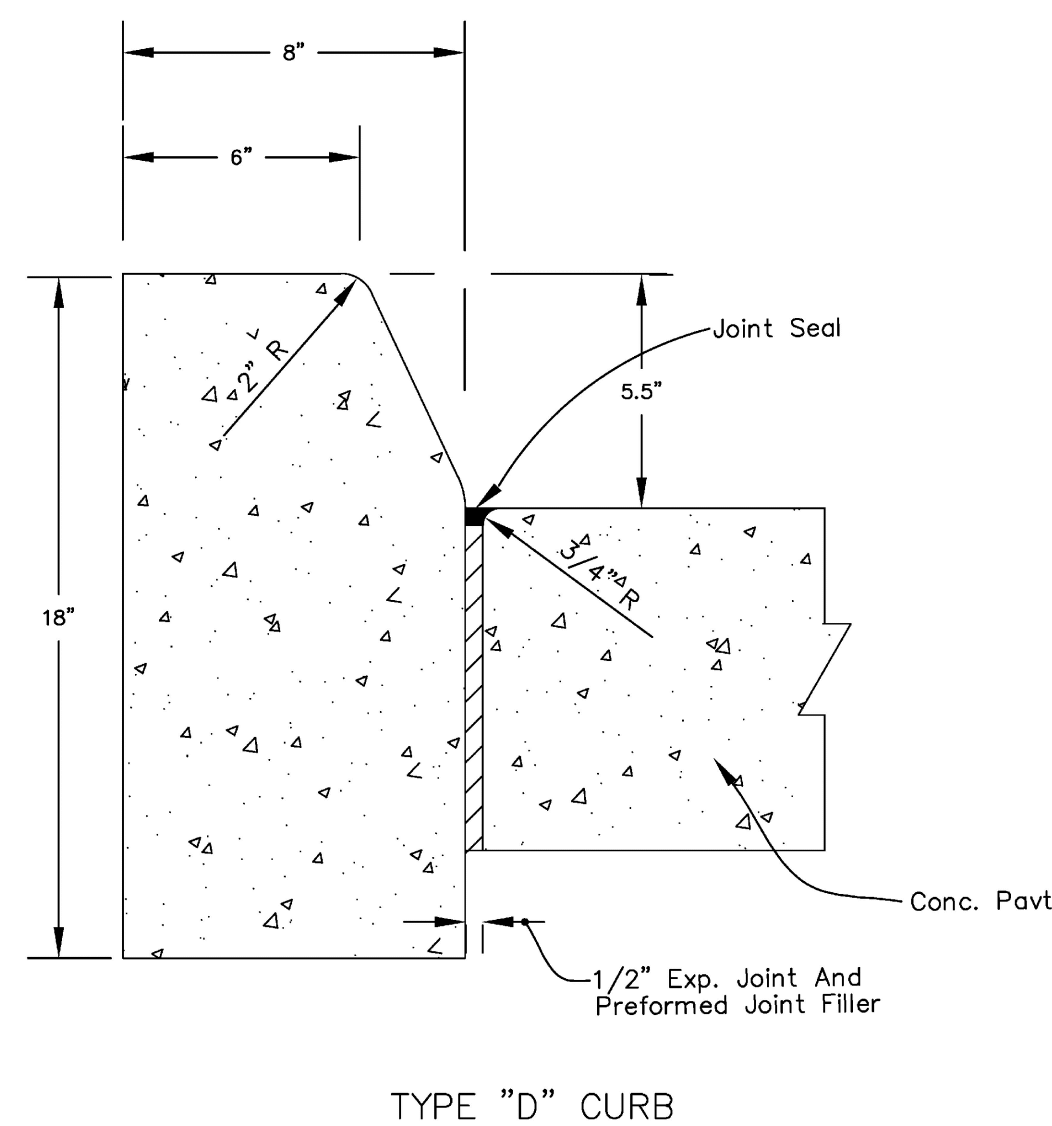
### TRENCH BACKFILL / BEDDING NOTES

ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH
			SCALE: N.T.S.
			DATE: JUNE 2022 DWG. NO. 203-4



### CONCRETE CURB AND GUTTER DETAIL

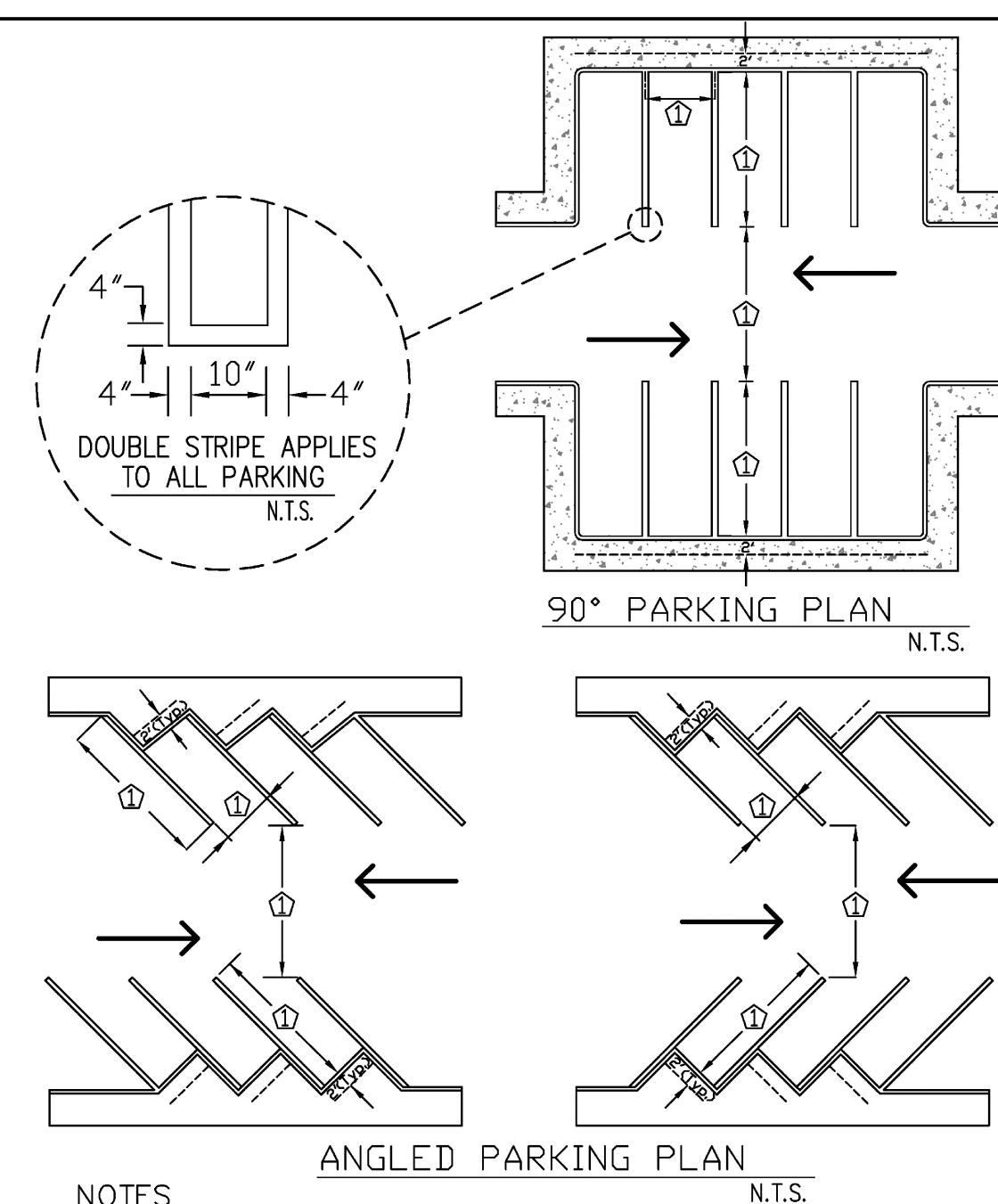
ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH
	S.S.	07-2016	
			SCALE: N.T.S.
			DATE: MAY 2022 DWG. NO. 300-1



**NOTE:**  
 FOR USE ADJACENT TO CONCRETE OR FLEXIBLE PAVEMENT, CONCRETE SHOWN. EXPANSION JOINT, PREFORMED JOINT FILLER AND JOINT SEAL ARE REQUIRED BETWEEN CURBS AND CONCRETE PAVEMENT ONLY.

### CONCRETE CURB DETAIL

ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH
	S.S.	01-2014	
	S.S.	08-2015	
	S.S.	07-2016	
			SCALE: N.T.S.
			DATE: MAY 2022 DWG. NO. 300-2



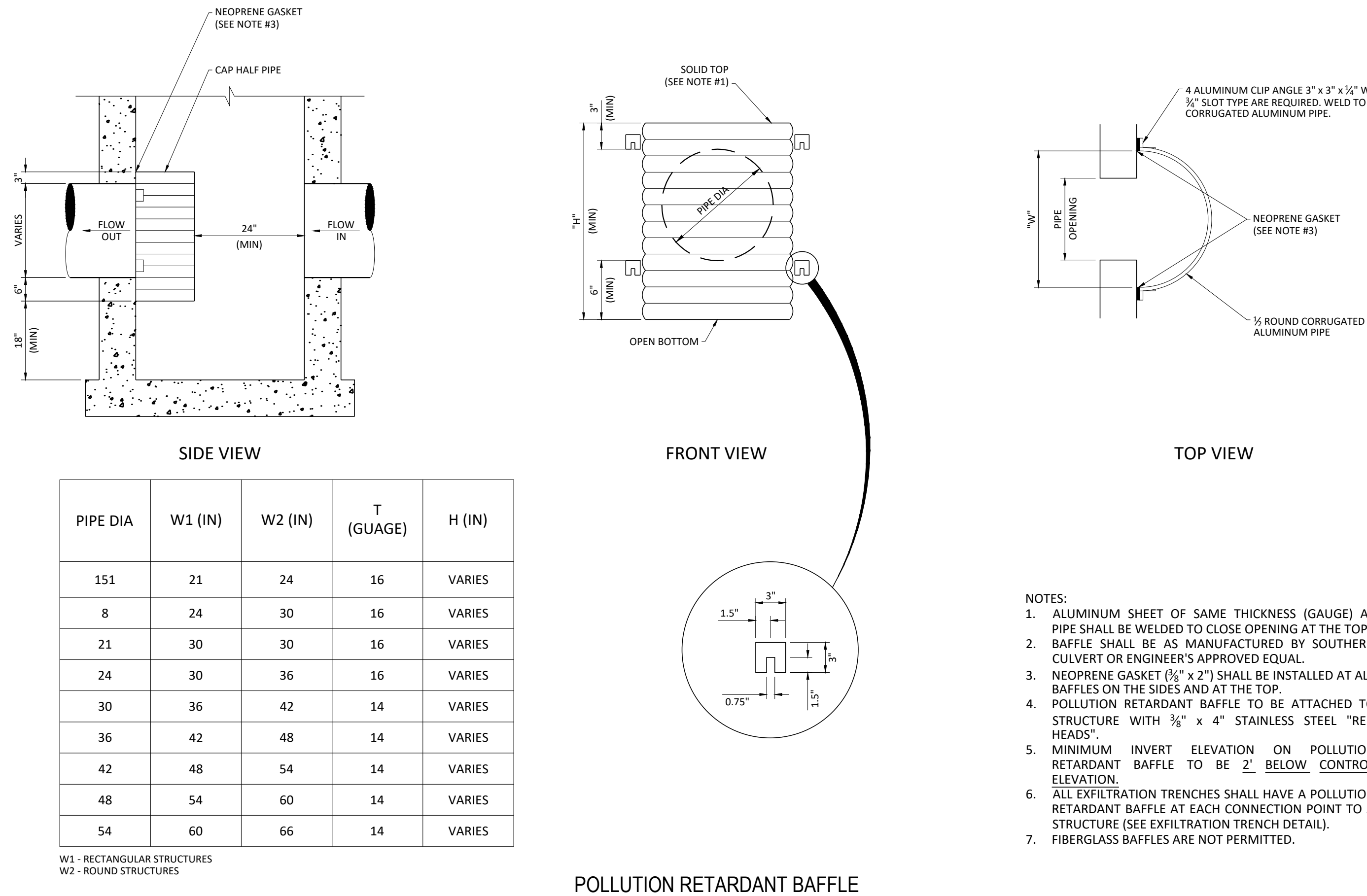
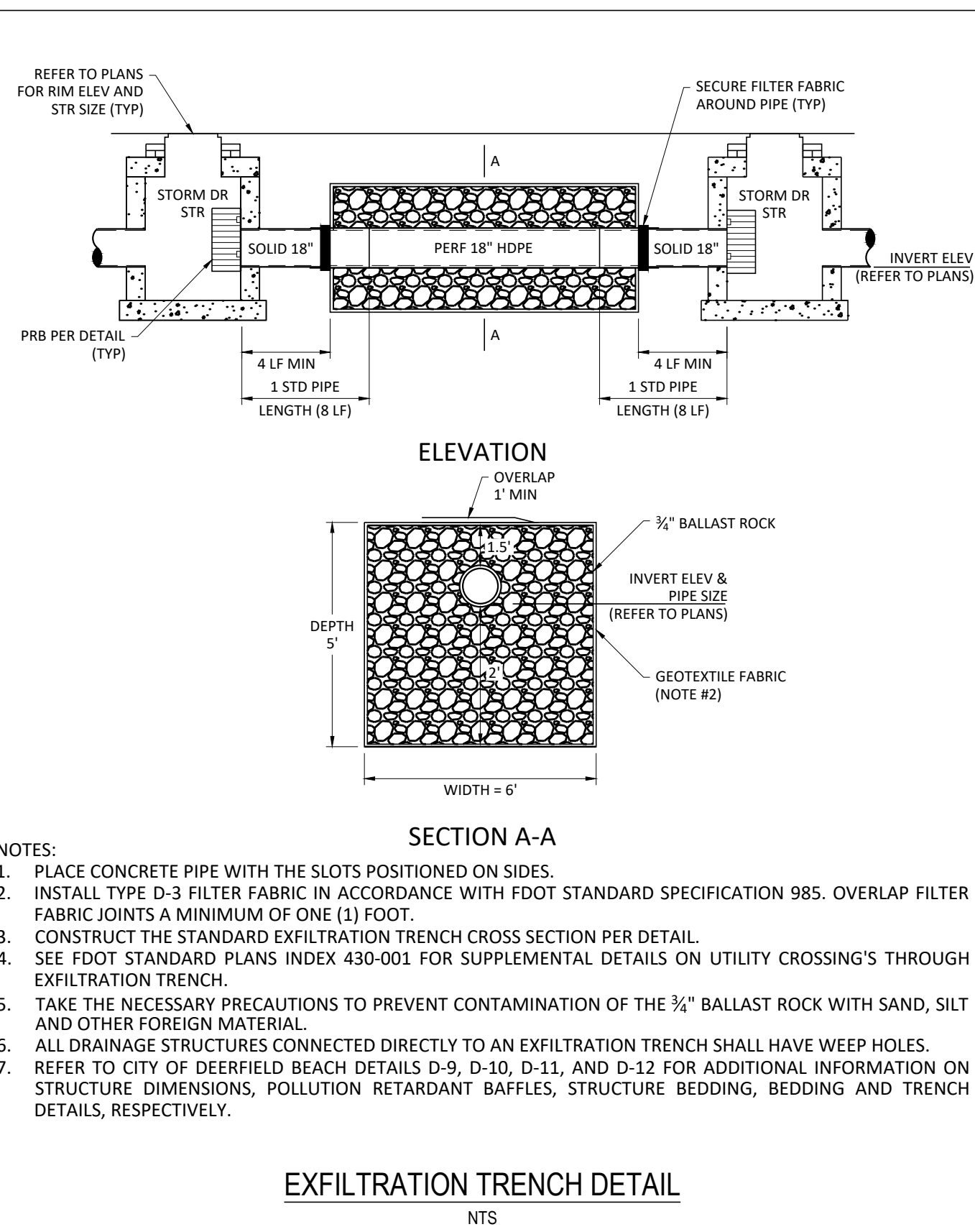
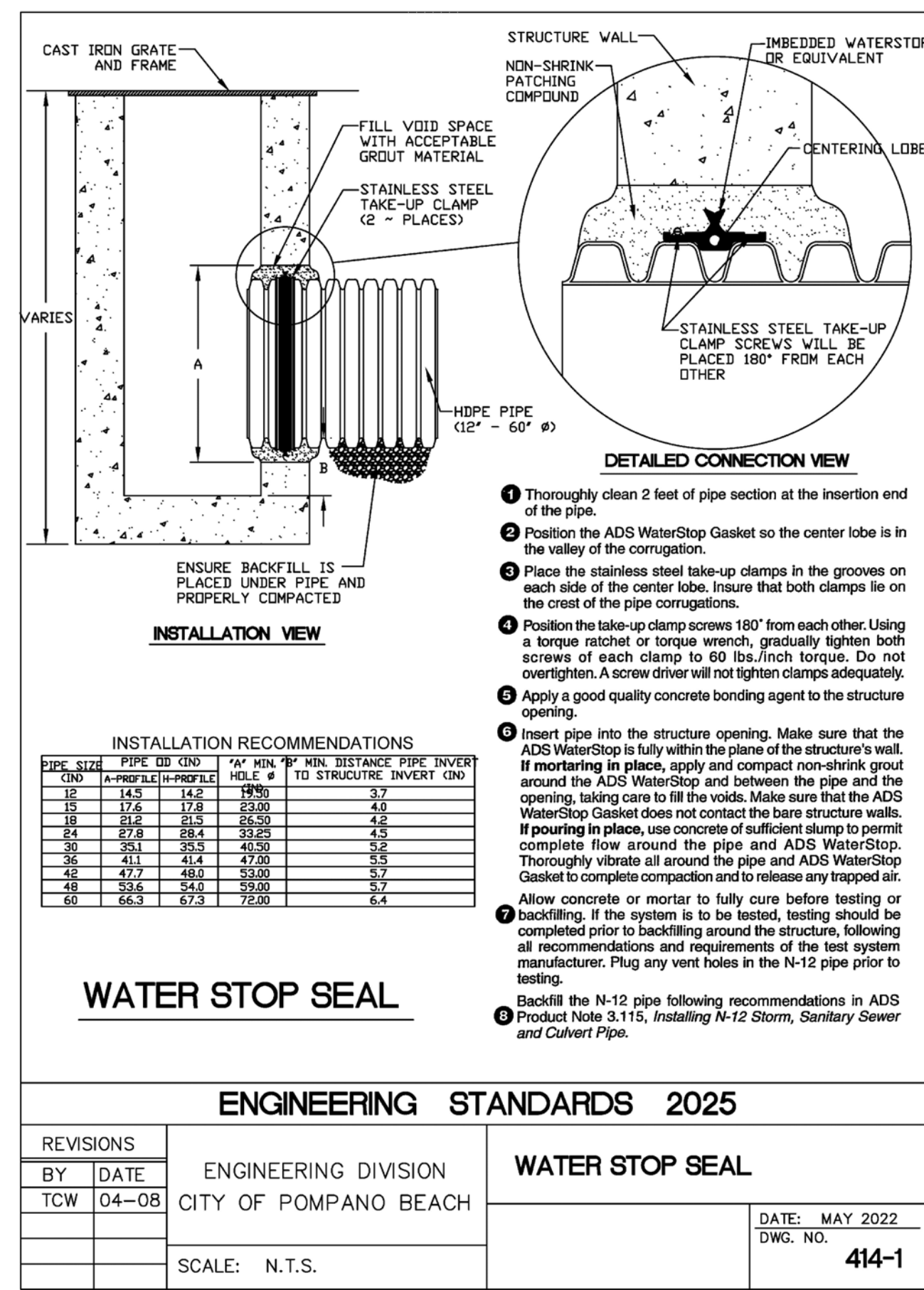
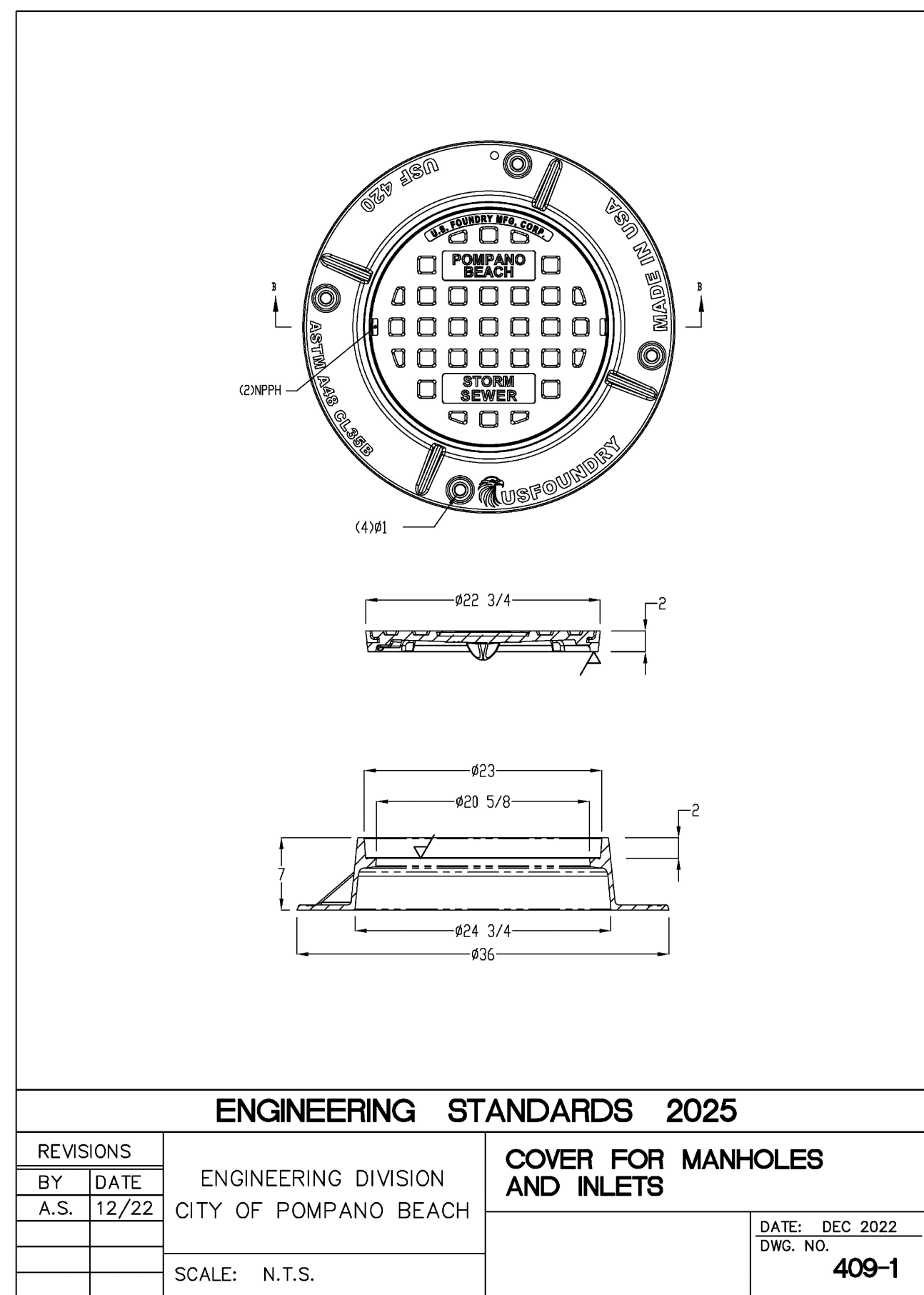
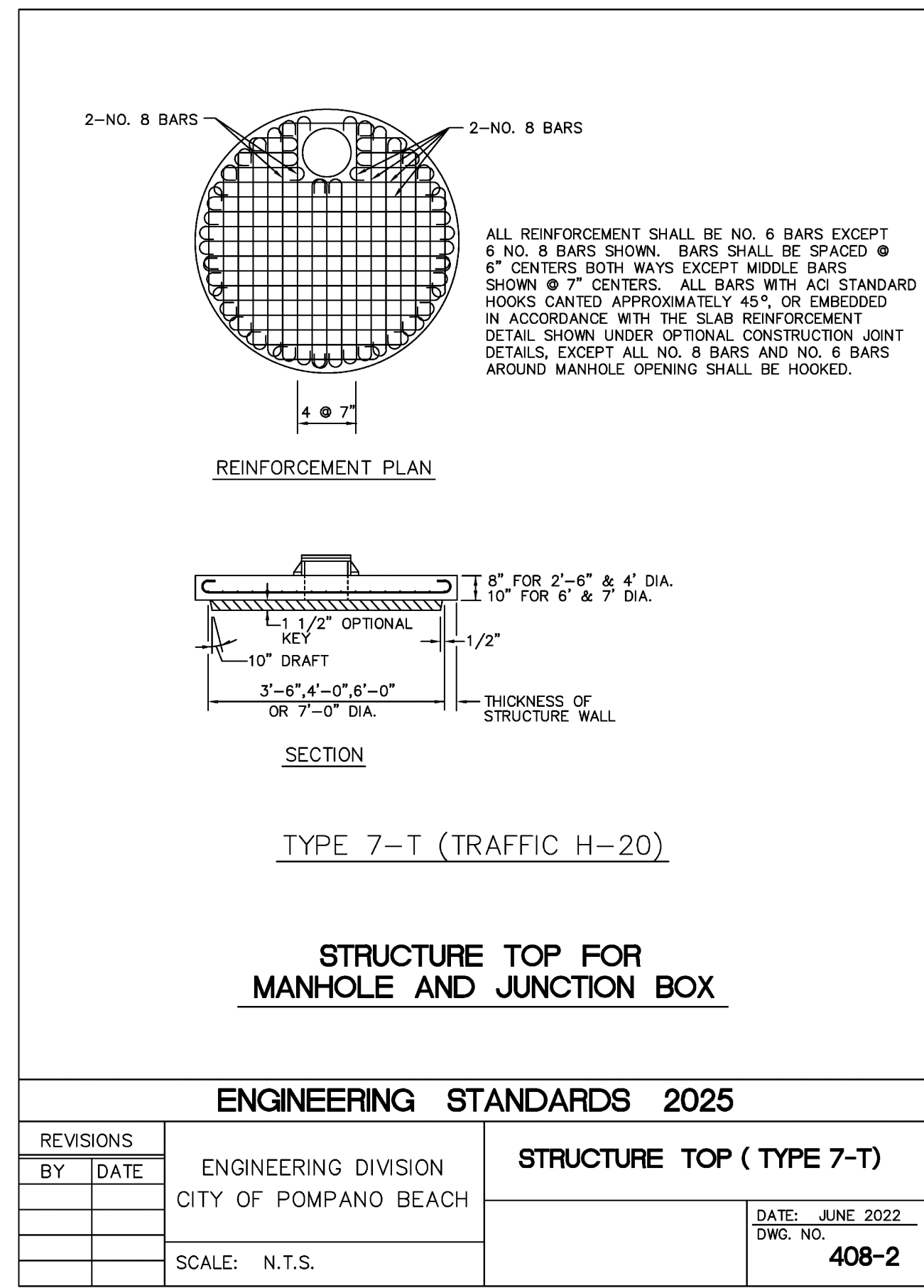
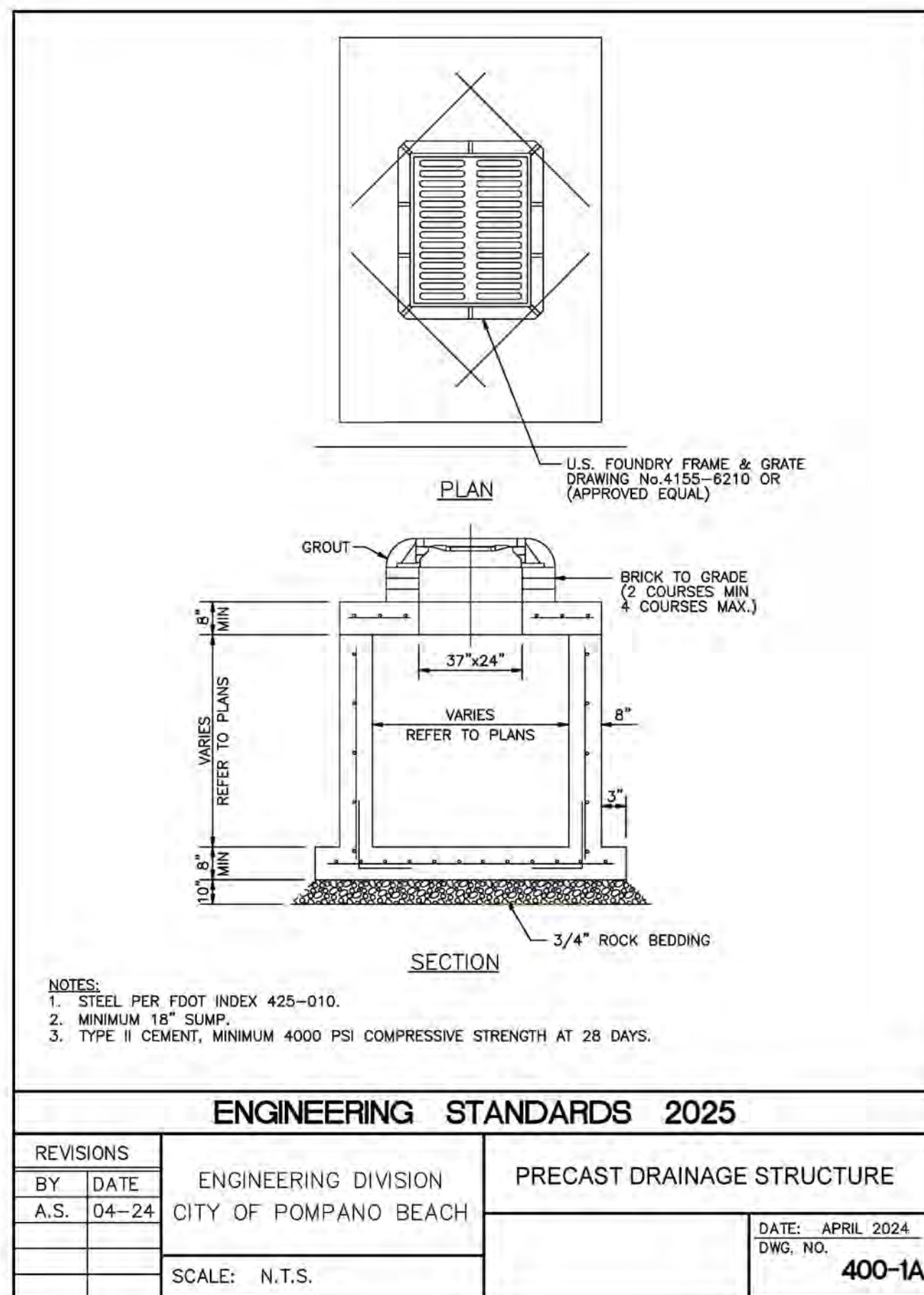
- NOTES:**
- INDICATED DIMENSION BY LOCAL ZONING ORDINANCE.
  - CURBING APPLIES TO ALL PARKING.
  - EACH SPACE SHALL BE DESIGNATED BY FOUR 4 INCH WIDE VISIBLE STRIPING CONSISTING OF WHITE PAINT OR AS APPROVED BY THE CITY.

ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH
			SCALE: N.T.S.
			DATE: MAY 2022 DWG. NO. 300-3



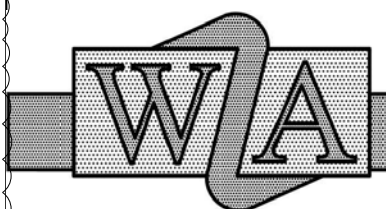






NOEL RODRIGUEZ, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 86390  
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DATE: April 4, 2025



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CORPORATE NAME: WALTERS ZACKRIA ASSOCIATES, PLLC REGISTERED IN THE STATE OF FLORIDA. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. THESE DRAWINGS ARE THE PROPERTY OF WALTERS ZACKRIA ASSOCIATES, PLLC, AND SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM A PRINCIPAL OF THE FIRM OR BE LIABLE FOR THE FULLEST LEGAL RECOURSE. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO EXECUTION OF WORK.

**CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK**  
2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

DRAWN BY: LJ

CHECKED BY: GK

DATE: 04-03-2023

REVISIONS:

10-23-23 PERMIT CO-ORD

12-21-23 BCRED RAI#1

02-22-24 BCRED RAI#2

05-09-24 BCRED RAI#3

07-10-24 BCRED RAI#4

04-03-25 OWNER COMMENTS

2203

**C-6**

CIVIL DETAILS



SECTION 1: GENERAL NOTES

1. APPLICABLE CODES

- A. ALL CONSTRUCTION WITHIN THE LIMITS OF PUBLIC RIGHTS OF WAY THAT FALLS UNDER THE CITY OF POMPAÑO BEACH JURISDICTION SHALL CONFORM TO THE CITY OF POMPAÑO BEACH STANDARDS, LATEST EDITION.
- B. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SHALL BE STRICTLY OBSERVED.
- C. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

2. PRE-CONSTRUCTION RESPONSIBILITY

- A. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE THE CITY OF POMPAÑO BEACH, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.
- B. THE CONTRACTOR SHALL OBTAIN A "SUNSHINE ONE CALL" CERTIFICATION NUMBER AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION.
- C. ALL APPLICABLE PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- D. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
- E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH THE CONTRACTOR FAILS TO REQUEST LOCATIONS FROM SUNSHINE ONE CALL. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- F. 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 OF RECORD, WHO WILL IN TURN NOTIFY THE APPROPRIATE UTILITY OWNER.
- G. THE CONTRACTOR WILL VERIFY THE RESTRAINT OF EXISTING UTILITY LINES, AND SHALL RESTRAIN AS NECESSARY TO PREVENT BLOWOUTS, PRIOR TO CONNECTING TO EXISTING UTILITIES.
- H. THE CONTRACTOR SHALL PROVIDE THE CITY WITH A PRE-CONSTRUCTION VIDEO.

3. INSPECTIONS

- THE CONTRACTOR SHALL NOTIFY THE CITY OF POMPAÑO BEACH AND THE ENGINEER OF RECORD AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE.
- A. STORM DRAINAGE
  - B. SUBGRADE: SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK
  - C. LIMEROCK BASE: SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT
  - D. ASPHALTIC CONCRETE
  - E. CLEARING AND FILLING
  - F. FINAL CLOSEOUT
  - G. SHOP DRAWINGS
    - a. PRIOR TO ISSUANCE OF A CONSTRUCTION PERMIT, CONTRACTOR REVIEWED AND APPROVED SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD AND THE CITY OF POMPAÑO BEACH FOR DRAINAGE PIPING, DRAINAGE ACCESSORIES, CONCRETE MIX DESIGN, AND ASPHALT MIX DESIGN.
    - b. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.
    - c. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVAL, IF REQUIRED.

4. CONSTRUCTION RESPONSIBILITIES

- A. GENERAL
  - a. THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEPED BROOM CLEAN.
  - b. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER, WATER COURSES, GRAVITY SEWER, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
  - c. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED AS REQUIRED BY LOCAL DRAINAGE DISTRICT AND THE CITY OF POMPAÑO BEACH.
- B. TEMPORARY UTILITIES
  - a. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO CONTRACTOR'S EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
  - b. CONTRACTOR SHALL OBTAIN CONSTRUCTION METER FROM BROWARD COUNTY FOR ALL WATER USED ON JOB. ALL WATER USED FOR CLEANING, TESTING, ETC. WILL BE PAID FOR BY THE CONTRACTOR. IF WATER USAGE CANNOT BE METERED THEN THE QUANTITY OF WATER SHALL BE CALCULATED.
- C. TRAFFIC REGULATION
  - a. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. AND THE CITY OF POMPAÑO BEACH.
  - b. ALL OPEN TRENCHES AND/OR EXCAVATIONS ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE MARKED AND BARRICADED TO ENSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
  - c. NO TRENCHES OR EXCAVATIONS NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY OF POMPAÑO BEACH.
- D. TRENCH SAFETY
  - a. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE TRENCH SAFETY SYSTEMS, SUCH AS SHEETING AND BRACING, IN ACCORDANCE WITH STATE, LOCAL AND OSHA REGULATIONS.
- E. CONFINED SPACE SAFETY
  - a. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A CONFINED SPACE ENTRY SAFETY SYSTEM IN ACCORDANCE WITH STATE, LOCAL AND/OR OSHA REGULATIONS.

5. PROJECT CLOSEOUT

- A. CLEANING UP
  - a. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER OF RECORD OR THE CITY OF POMPAÑO BEACH, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY CONTRACTOR'S WORK, EQUIPMENT, EMPLOYEES OR THOSE OF CONTRACTOR'S SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED, ALL NECESSARY HIGHWAY OR DRIVEWAY, SIDEWALK AND LANDSCAPING WORK SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
- B. PROJECT RECORD DOCUMENTS
  - a. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF ALL WORK ITEMS COMPLETED.
  - b. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER OF RECORD SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER OF RECORD THAT THE INFORMATION PROVIDED A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
  - c. 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" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED BY THE CONTRACTOR.
  - d. ALL "AS-BUILT" INFORMATION ON ELEVATIONS OF SANITARY SEWAGE, PAVING, DRAINAGE AND UTILITY EASEMENT SHALL BE CERTIFIED BY A REGISTERED SURVEYOR AND MAPPER.
  - e. "AS-BUILT" INFORMATION ON THE UTILITY SYSTEM SHALL INCLUDE, BUT IS NOT LIMITED TO LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, WATER AND SEWER SERVICES, TAP AND END, ANY PIPE DEFLECTIONS AND TOP-OF-PIPE ELEVATION ON 100-FOOT INTERVALS AT A MINIMUM.
  - f. PRIOR TO A FINAL INSPECTION BY THE CITY OF POMPAÑO BEACH, THE CONTRACTOR SHALL SUBMIT TWO (2) SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS.
  - g. UPON A FINAL INSPECTION BY THE CITY OF POMPAÑO BEACH, THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS THAT HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR AND MAPPER AND THE ENGINEER OF RECORD. AN ELECTRONIC DRAWING FILE IN AUTOCAD FORMAT SHALL BE SUBMITTED TO THE CITY OF POMPAÑO BEACH. THE ELECTRONIC DRAWINGS WILL BE TO SCALE AND SET IN STATE PLANE COORDINATE SYSTEM, NAVD 88 (FEET).
- C. MONUMENTS
  - a. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- D. UNPAVED SURFACES
  - a. ALL UNPAVED SURFACES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
- E. WALK THROUGH INSPECTION
  - a. THE CONTRACTOR SHALL CONDUCT A WALK THROUGH INSPECTION WITH THE UTILITY OWNER. THE CONTRACTOR SHALL HAVE PERSONNEL AND EQUIPMENT AVAILABLE TO OPERATE ALL VALVES, FIRE HYDRANTS AND OPENING OF MANHOLES FOR INSPECTION.

SECTION 2: EARTHWORK AND COMPACTION NOTES:

1. GENERAL:

- A. QUALITY, CONTROL TESTING FOR STABILIZATION, BASE, PAVEMENT, COMPACTION, AND MATERIALS SHALL BE IN ACCORDANCE WITH FLORIDA D.O.T. REQUIREMENTS, AND SHALL BE ARRANGED FOR AND PAID FOR BY THE CONTRACTOR, COPIES OF ALL TEST REPORTS SHALL BE PROVIDED TO THE ENGINEER OF RECORD AS THEY ARE RECEIVED.
- B. EXISTING ON-SITE BASE MATERIAL SHALL NOT BE REUSED FOR BASE CONSTRUCTION, BUT MAY BE USED FOR BACKFILL AROUND UTILITY AND DRAINAGE LINES, AND FOR SUBGRADE CONSTRUCTION, AND FOR GENERAL FILL IF NECESSARY.
- C. ALL SUBGRADE UNDER PAVED AREAS SHALL HAVE A MINIMUM L.B.R. VALUE OF 40 AND SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- D. ALL SUBGRADE UNDER SIDEWALK AREAS SHALL HAVE A MINIMUM OF 6" COMPACTED SUBGRADE TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- E. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- F. A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.
- G. SOD SHALL BE ST. AUGUSTINE, BITTER BLUE OR FLORATAM AND SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO ENSURE SATISFACTORY CONDITION UPON FINAL ACCEPTANCE OF THE PROJECT.
- H. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS OR LAKES, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED.
- I. NO MUCK BLANKET IS TO BE PLACED ON THE BOTTOM OF RETENTION AREAS OR SWALES.

2. ON-SITE

- A. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL WITHIN THREE (3) FEET OF FINISHED GRADE AREAS TO BE PAVED SHALL BE REMOVED.
- B. SUITABLE BACKFILL SHALL BE MINIMUM L.B.R. 40 MATERIAL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- C. EROSION CONTROL SHALL BE PROVIDED BY THE CONTRACTOR PER DETAILS ON THE PLANS.

SECTION 3: STORM DRAINAGE NOTES:

1. GENERAL:

- A. EXISTING STORM DRAINAGE GRATES, FRAMES, MANHOLE COVERS, AND RINGS THAT ARE TO BE REMOVED OR ADJUSTED, MAY BE REUSED ON THE SITE.
- B. THE EXISTING DRAINAGE SYSTEM SHALL BE CLEANED AND/OR GRADED TO ENSURE PROPER FLOW FUNCTION.
- C. THE CONTRACTOR SHALL INSTALL FILTER FABRIC AT ALL CATCH BASIN GRATES UNTIL FINAL ACCEPTANCE OF THE STORM DRAINAGE SYSTEM.

2. CONTRACTOR MAY UTILIZE ONE OF THE FOLLOWING MATERIALS, UNLESS OTHERWISE NOTED ON THE PLANS.

- A. HIGH DENSITY POLYETHYLENE PIPE (H.D.P.E.)
  - a. PIPE SHALL BE CORRUGATED SMOOTH BORE POLYETHYLENE PIPE (N-12 PRO LINK ULTRA) OR APPROVED EQUAL, MANUFACTURED IN CONFORMANCE WITH ASTM M294.
  - b. PIPE SHALL HAVE BUILT-IN BELL JOINT WITH RUBBER GASKET IN CONFORMANCE WITH ASTM F477.
  - c. PIPE COUPLING BANDS IF NEEDED SHALL BE SPLIT/SPLIT PREMIUM REQUIRING MAXIMUM PULL-APART RESISTANCE.
- B. POLYVINYL CHLORIDE PIPE (P.V.C.)
  - a. PLASTIC PIPE SHALL CONFORM WITH ASTM D 3034, TYPE PSM, POLYVINYL CHLORIDE (PVC) MATERIAL; BELL AND SPIGOT STYLE SOLVENT SEALED EN JOINTS.
- C. ALUMINUM PIPE (C.A.P.)
  - a. ALUMINUM PIPE SHALL CONFORM TO AASHTO M196 FOR CIRCULAR CORRUGATED PIPE OF AASHTO M211 FOR HELICALLY CORRUGATED PIPE, AND SECTION 945, AS PER FOOT STANDARD SPECIFICATIONS.
  - b. MAKE FIELD JOINTS IN (CAP) WITH BANDS FABRICATED OF THE SAME ALLOY AS THE CULVERT PIPE AND CONFORMING TO THE REQUIREMENTS OF AASHTO M196.
  - c. GASKET THE Banded JOINTS WITH A NEOPRENE GASKET OF THE DESIGN INDICATED TO SECURE A SOIL-TIGHT OR WATERTIGHT JOINT.
- D. REINFORCED CONCRETE PIPE (R.C.P.)
  - a. CONCRETE PIPE FOR STORM SEWERS SHALL CONFORM TO ASTM C 76, CLASS III WITH WALL TYPE A; BAR REINFORCEMENT.
  - b. ALL REINFORCEMENT CONCRETE PIPES SHALL HAVE BELL AND SPIGOT END JOINTS, AS MODIFIED BY SECTION 941, FOOT STANDARD SPECIFICATIONS.
  - c. ALL REINFORCEMENT CONCRETE PIPES SHALL HAVE RUBBER COMPRESSION GASKET JOINTS, AS PER ASTM C443, UNLESS OTHERWISE SPECIFIED.

3. MISCELLANEOUS

- A. BEDDING AND INITIAL BACKFILL OVER DRAINAGE PIPES (EXCEPT FRENCH DRAINS) SHALL BE SAND WITH NO ROCKS LARGER THAN 2" DIAMETER.
- B. BACKFILL MATERIAL UNDER PAVED AREAS SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- C. BACKFILL MATERIAL UNDER AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99-C.
- D. CATCH BASINS SHALL BE PRECAST MINIMUM 3000 PSI CONCRETE WITH REINFORCED STEEL PER ASTM A615.

4. INSTALLATION

- A. PIPE SHALL BE PLACED ON STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO UNIFORM GRADE AND LINE
- B. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL WELL TAMPED AND PLACED IN 6 INCH (MAXIMUM) LAYERS.
- C. PROVIDE A MINIMUM COVER OF 24 INCHES OVER STORM DRAINAGE. CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION SHALL NOT BE ALLOWED WITH LESS THAN 24 INCHES OF COVER.
- D. THE CONTRACTOR SHALL NOTIFY THE LOCAL WATER MANAGEMENT DISTRICT AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.
- E. ALL DRAINAGE SYSTEMS SHALL BE PUMPED COMPLETELY DRY AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTION.

5. STORM DRAINAGE PRE-TREATMENT/EXFILTRATION SYSTEM

- A. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD. ANY IMPERMEABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE DRAIN FIELD SHALL BE REMOVED AS DIRECTED BY THE ENGINEER OF RECORD.
- B. THE TRENCH LINER SHALL BE TYPE D-3 PER F.D.O.T. INDEX 199, OR APPROVED EQUAL. IT SHALL BE USED ON THE SIDES AND TOP OF DRAIN FIELD TRENCH. THE TOP SECTION OF THE MATERIAL SHALL BE OVERLAPPED A MINIMUM OF 24 INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID BUNCHING OF THE FABRIC.
- C. PERFORATED PIPE WITHIN THE DRAIN FIELD SHALL HAVE 3/8 INCH PERFORATIONS 360° AROUND THE PIPE WITH APPROXIMATELY 120 PERFOATIONS PER FOOT.
- D. PERFORATED PIPE SHALL TERMINATE FIVE (5) FEET FROM THE DRAINAGE STRUCTURE. THE REMAINING FIVE (5) FEET SHALL BE NON-PERFORATED PIPE.
- E. PIPES SHALL TERMINATE TWO (2) FEET FROM THE END OF THE TRENCH OR CONNECT TO ADDITIONAL CATCH BASINS.

SECTION 4: PAVING NOTES

1. GENERAL

- A. ALL UNDERGROUND FACILITIES, INCLUDING WATER, SEWER, STORM DRAINAGE, SLEEVES FOR PUBLIC UTILITIES, AND IRRIGATION LINES SHALL BE INSTALLED PRIOR TO COMPACTION OF ROAD SUBGRADE AND INSTALLATION OF BASE MATERIAL.
- B. ALL EXISTING PAVEMENT CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTORS EXPENSE.
- C. WHERE PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE STRAIGHT EDGE SAW CUT.
- D. EXISTING ASPHALT PAVEMENT THAT IS TO BE REMOVED SHALL BE TRUCKED OFF SITE BY THE CONTRACTOR FOR DISPOSAL AT AN APPROVED LOCATION OR MILLED AND COMBINED WITH THE SUBGRADE TO IMPROVE THE LBR.

2. MATERIALS

- A. BASE COURSE SHALL BE CRUSHED LIMEROCK MIAMI OOLITE WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM (60% FOR LOCAL STREETS AND PARKING AREAS) AND A MINIMUM LIMEROCK BEARING RATIO 100.
- B. ALL LIMEROCK BASE UNDER PAVED AREAS SHALL HAVE A MINIMUM L.B.R. VALUE OF 100, AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- C. PRIME COAT AND TACK COAT SHALL MEET F.D.O.T. STANDARDS.
- D. SURFACE COURSE SHALL BE EQUAL TO F.D.O.T. TYPE SP-12.5 ASPHALT.
- E. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS 1 CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6"x6" No. 10 GAUGE WELDED WIRE MESH, OR AS SHOWN ON THE PLANS.

3. INSTALLATION

- A. LIMEROCK BASE MATERIAL SHALL BE IN THE COMPACTION THICKNESS SHOWN ON THE PLANS AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
- B. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6 INCH LIFTS. BASES GREATER THAN 6 INCH SHALL BE PLACED IN TWO OR MORE EQUAL LIFTS.

- C. ASPHALTIC CONCRETE PAVEMENT SHALL BE IN THE THICKNESS SHOWN ON THE PLANS.
- D. PRIME COAT SHALL BE PLACED ON ALL LIMEROCK BASES IN ACCORDANCE WITH F.D.O.T. STANDARDS.
- E. TACK COAT SHALL BE PLACED IN BETWEEN ASPHALT LAYERS AS REQUIRED AND IN ACCORDANCE WITH F.D.O.T. STANDARDS.

4. TESTING

- A. ALL SUBGRADE, LIMEROCK AND ASPHALT TESTS REQUIRED SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER OF RECORD AND/OR THE PERMITTING AGENCY.
- B. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLET. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.
- C. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, AND TAKEN AS DIRECTED BY THE ENGINEER OF RECORD AND THE PERMITTING AGENCY.

SECTION 5: SIGNING AND MARKING NOTES:

1. GENERAL

- A. ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE CITY OF POMPAÑO BEACH DETAILS, AND THE STANDARD SPECIFICATIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- B. ALL OFF-SITE MARKINGS TO BE THERMOPLASTIC PER FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, AND ALL ON-SITE MARKINGS SHALL BE TRAFFIC PAINT PER THE CITY OF POMPAÑO BEACH DEALS, UNLESS OTHERWISE NOTED.
- C. INSTALL REFLECTIVE PAVEMENT MARKERS PER F.D.O.T. STANDARDS, OR AS SHOWN ON THE PLANS.
- D. ALL SIGNS SHALL BE HIGH-INTENSITY GRADE REFLECTIVE SHEETING, MOUNTED ON A BREAK AWAY POST ASSEMBLY PER B.C.T.E.D. SPECIFICATIONS.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL PAVEMENT MARKINGS AND SIGNS CONFLICTING WITH THE PROPOSED ROADWAY CONSTRUCTION.
- F. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS AND APPLICABLE TRAFFIC DESIGN STANDARDS.
- G. CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT.
- H. SIGN ASSEMBLY LOCATIONS SHOWN IN THE PLANS WHICH ARE IN CONFLICT WITH STREET LIGHTING UTILITIES, DRIVEWAYS, PEDESTRIAN RAMPS ETC. MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER OF RECORD AND/OR APPROVAL AGENCIES' INSPECTOR.



NOEL RODRIGUEZ, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 86390  
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DATE: April 4, 2025



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CITY OF POMPAÑO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK  
2669 N FEDERAL HWY,  
POMPAÑO BEACH, FL 33064

DRAWN BY: LJ  
CHECKED BY: GK  
DATE: 04-03-2023

REVISIONS:

- 12-21-23 PERMIT CO-ORD
- 12-21-23 BCRED RAI#1
- 02-22-24 BCRED RAI#2
- 05-09-24 BCRED RAI#3
- 07-10-24 BCRED RAI#4
- 04-03-25 OWNER COMMENTS

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C-7

GENERAL NOTES





NOEL RODRIGUEZ, STATE OF  
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LICENSE NO. 86390  
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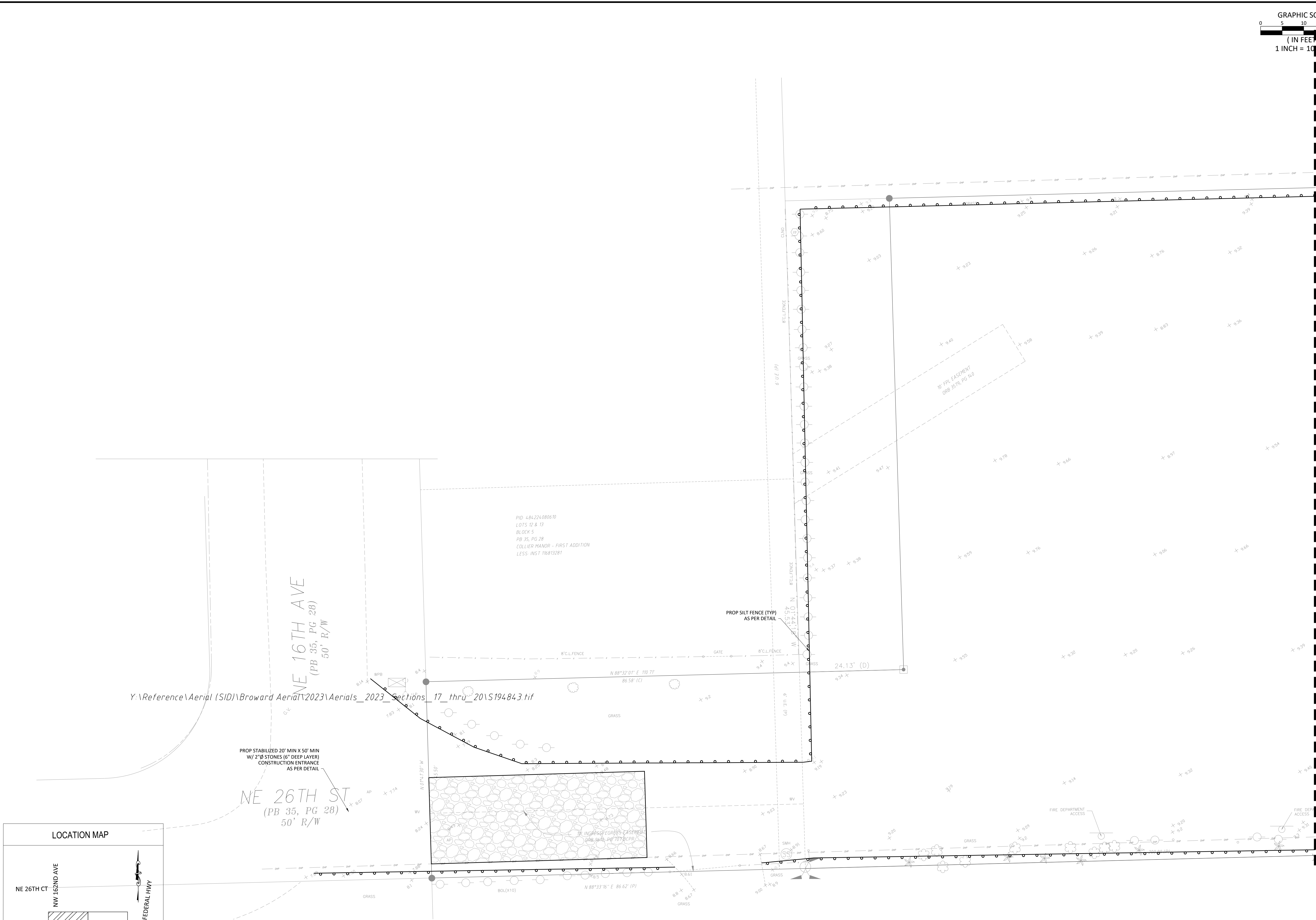
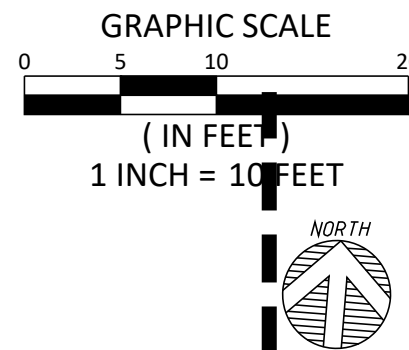
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**C-8**

STORMWATER POLLUTION  
PREVENTION PLAN

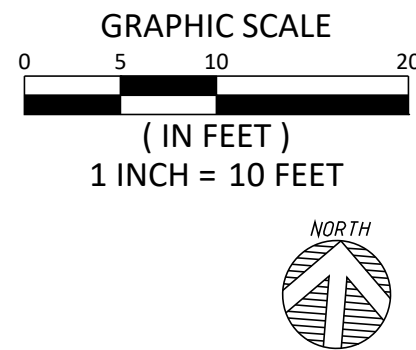


NOTES:

1. VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).



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MATCHLINE



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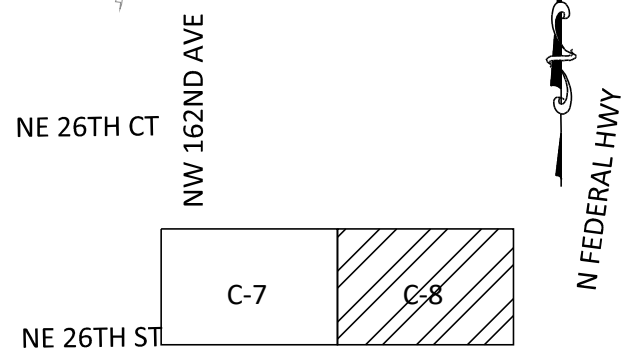
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**C-9**

STORMWATER POLLUTION  
PREVENTION PLAN

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LOCATION MAP



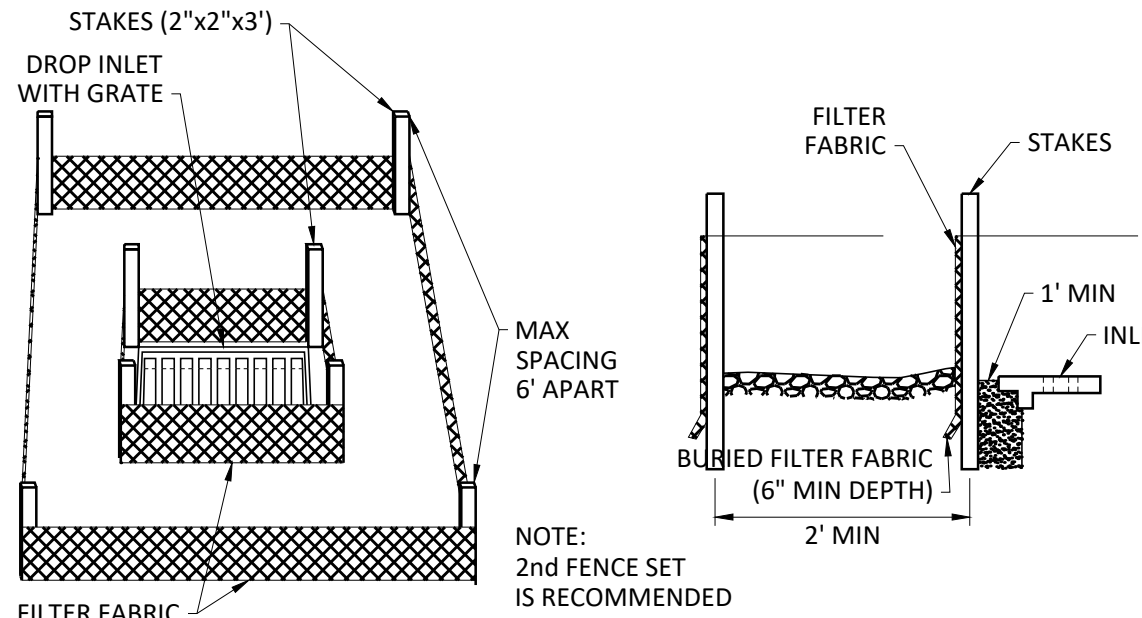
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AMERICAN VERTICAL DATUM (NAVD83).

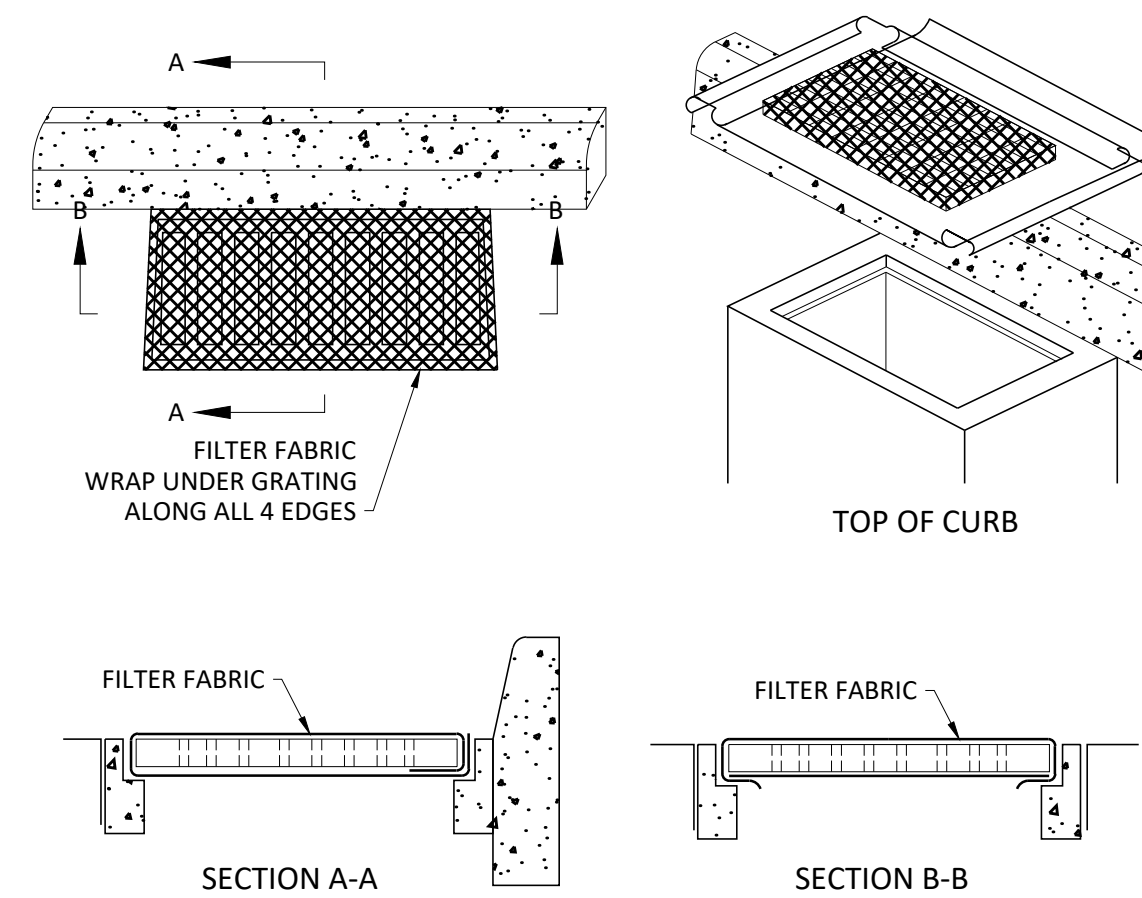


EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
3. ADDITIONAL PROTECTION- ON AND OFF-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
6. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
7. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD THE HEIGHT OF THE BARRIER.
8. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
9. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
10. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ½ THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
11. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND SOUTH FLORIDA WATER MANAGEMENT DISTRICT SPECIFICATIONS AND CRITERIA.
12. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "THE FLORIDA DEVELOPMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA SPECIFICATIONS AND CRITERIA.
13. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER QUALITY DEGRADATION. SEE DETAIL SHEET FOR TYPICAL CONSTRUCTION.
14. ALL DISTURBED AREAS SHALL BE GRASSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
15. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS ARE MAINTAINED.
16. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
17. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT.
18. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOLID SOD.
19. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
20. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.

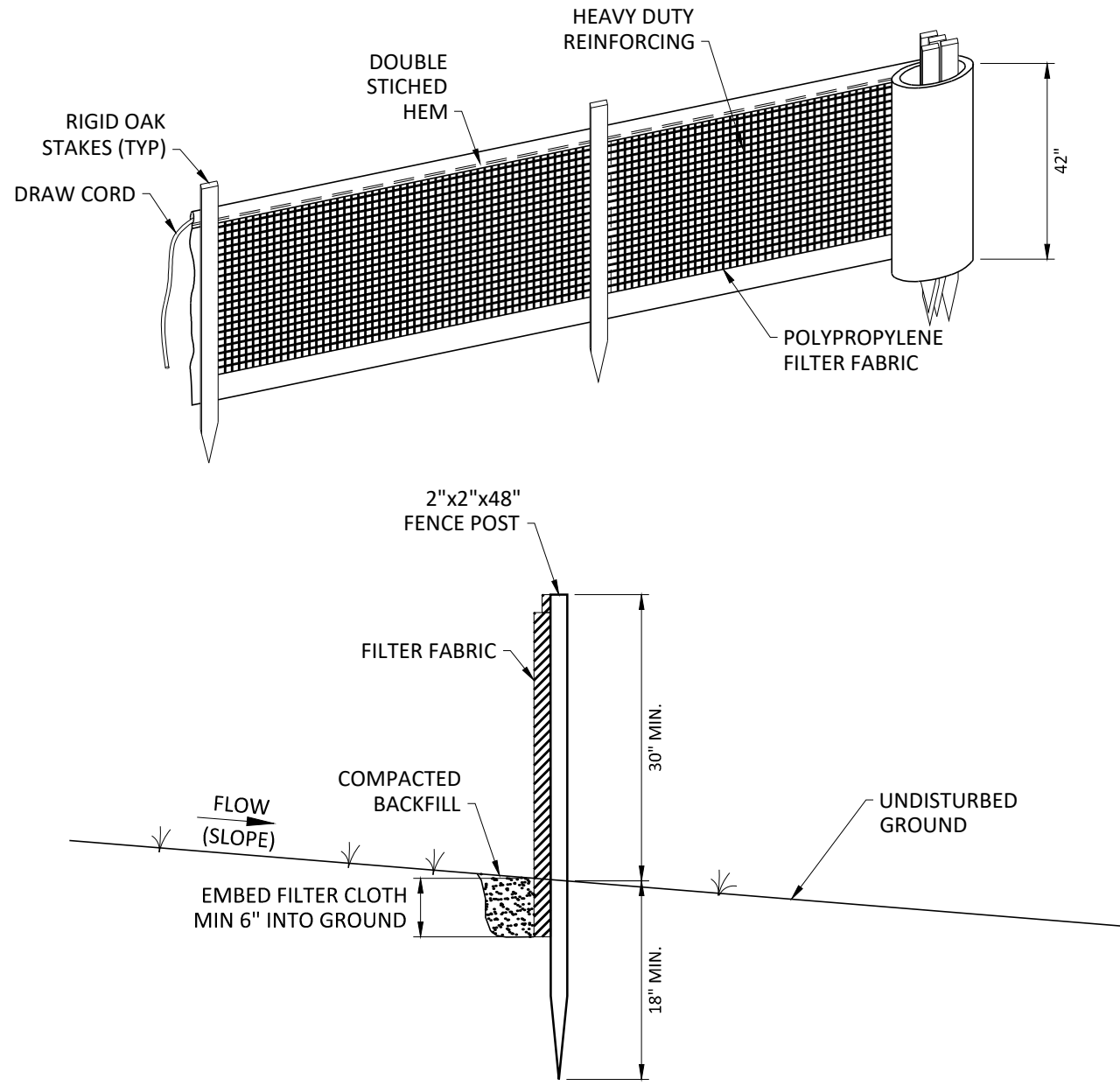


FILTER FABRIC INLET BARRIER  
(BEST FOR FIELD INLETS)



FABRIC WRAPPED INLET GRATE

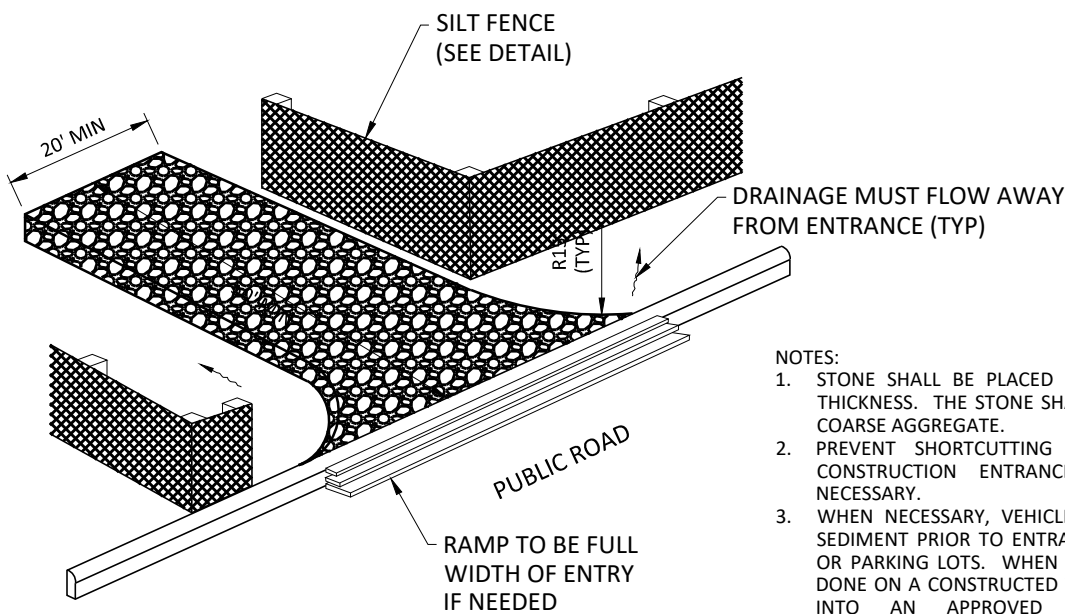
INLET PROTECTION DETAIL



NOTES:

1. FILTER FABRIC FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS WITH TIES SPACED EVERY 24 INCHES AT TOP AND MID. SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE OR DEPTH OF ACCUMULATED SEDIMENT REACHES 6 INCHES.
5. SILT FENCE SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE.
6. THE CONTRACTOR SHALL INSPECT AND REPAIR THE SILT FENCE AFTER EACH RAIN EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
7. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFFSITE AND CAN BE PERMANENTLY STABILIZED.
8. THE SILT FENCE SHALL BE PLACED ON SLOPE CONTOUR TO MAXIMIZE ITS PONDING EFFICIENCY.
9. IF DITCH LEVEL IS DEEPER THAN 30", THEN A FLOATING SILT SCREEN SHALL BE USED.

SILT FENCE INSTALLATION DETAIL



NOTES:

1. STONE SHALL BE PLACED IN A LAYER AT LEAST 8-INCHES IN THICKNESS. THE STONE SHALL BE A MINIMUM OF 3 TO 5 INCH COARSE AGGREGATE.
2. PREVENT SHORTCUTTING OF THE FULL LENGTH OF THE CONSTRUCTION ENTRANCE BY INSTALLING BARRIERS AS NECESSARY.
3. WHEN NECESSARY, VEHICLES MUST BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PAVED ROADS, STREETS, OR PARKING LOTS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A CONSTRUCTED WHEEL WASH FACILITY THAT DRAINS INTO AN APPROVED SEDIMENT BASIN OR OTHER SEDIMENTATION/FILTRATION DEVICE.
4. MINIMUM DIMENSION FOR ENTRANCE SHALL BE AS FOLLOWS:  
a. MINIMUM WIDTH OF ENTRANCE WILL BE 20 FEET.  
b. MINIMUM DEPTH OF ENTRANCE WILL BE 50 FEET.

STABILIZED CONSTRUCTION ENTRANCE DETAIL



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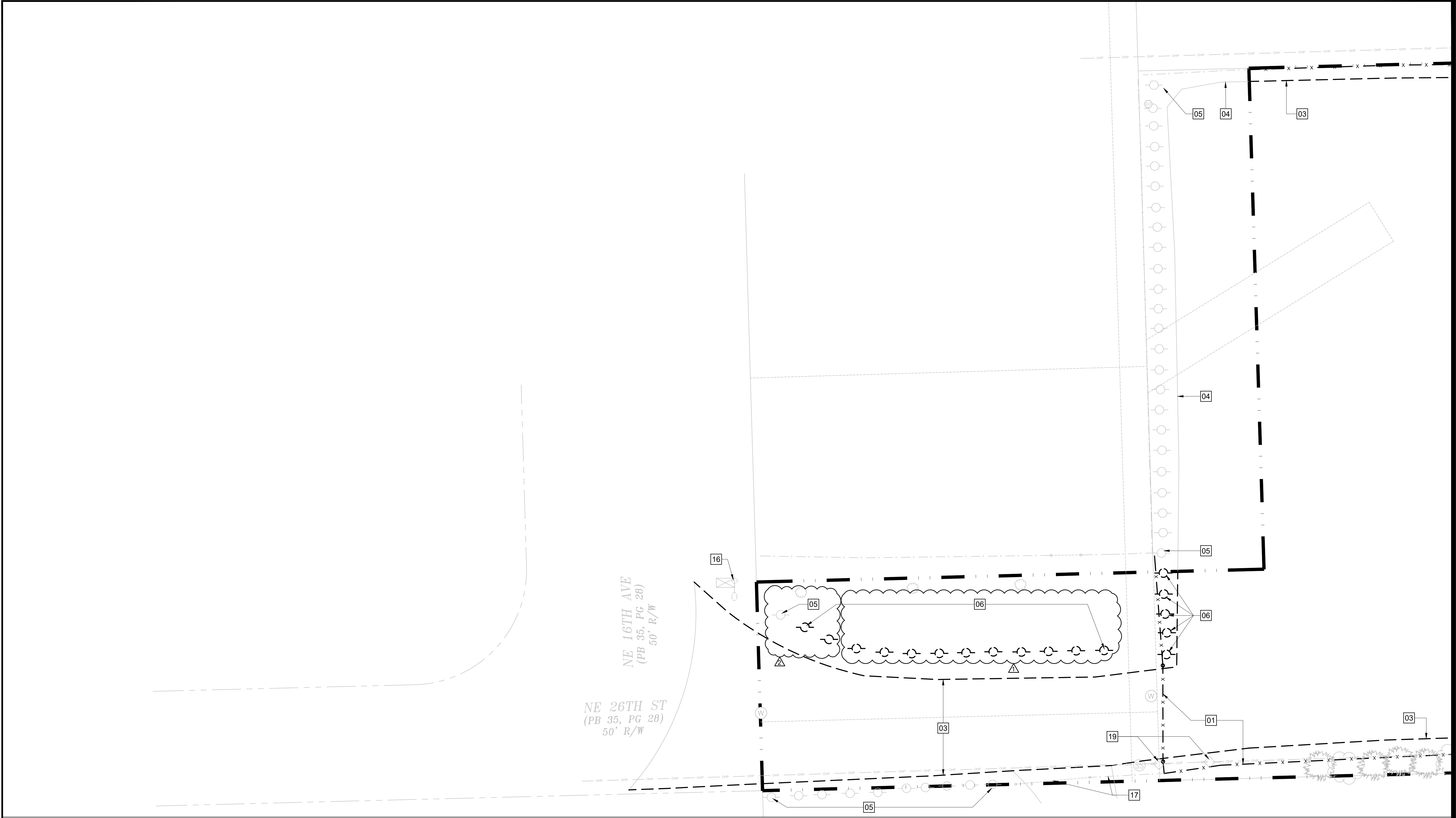
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**C-10**

STORMWATER POLLUTION  
PREVENTION NOTES AND  
DETAILS



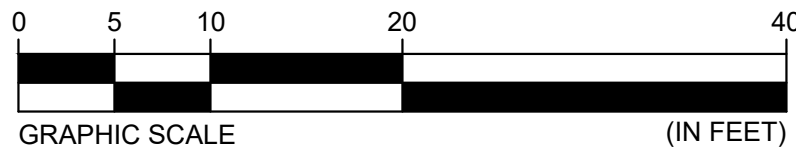


DEMOLITION SITE PLAN KEYNOTES

- |   |   |   |  |
|---|---|---|--|
| 01 EXISTING CHAIN-LINK FENCE TO BE DEMOLISHED   | 07 EXISTING BOLLARDS ALONG THE EAST EDGE OF THE BOUNDARY TO BE DEMOLISHED.          | 13 EXISTING STRIPING TO BE REMOVED FOR (4) FOUR PARKING STALLS. SEE SHEET A0.10 FOR PROPOSED CURB LAYOUT. | 19 EXISTING POWER POLE TO REMAIN. PROTECT DURING CONSTRUCTION.   |
| 02 EXISTING PICKET FENCE TO BE MOVED WEST. SEE SHEET A0.10 FOR LOCATION   | 08 EXISTING CURB TO BE RELOCATED. SEE SHEET A0.10 FOR NEW LOCATION.                 | 14 EXISTING STRIPING TO REMAIN. PROTECT DURING CONSTRUCTION.  | 20 EXISTING RETENTION AREA TO BE MODIFIED. REFER TO CIVIL SHEETS FOR DETAILS.                                      |
| 03 EXISTING ASPHALT SURFACING TO BE DEMOLISHED. PREPARE FOR NEW SURFACING AS PER SHEETS A0.10 AND A0.20                   | 09 EXISTING CURB TO BE PROTECTED DURING CONSTRUCTION.                               | 15 EXISTING CURB TO BE DEMOLISHED. PREPARE SURFACE FOR NEW SIDEWALK AS PER LAYOUT ON SHEET A0.10          | 21 EXISTING DOUBLE GATE TO BE REPLACED WITH NEW ALUMINUM DOUBLE GATE. SEE SHEET A0.40 FOR DETAILS.                 |
| 04 EXISTING BOLLARDS IN THIS PLOT TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION.                                      | 10 -  | 16 EXISTING LIGHT POLE TO REMAIN. PROTECT DURING CONSTRUCTION.  | 22 EXISTING HEDGE ALONG THIS WALL TO BE REMOVED FOR INSTALLATION OF NEW ELECTRIC PANEL.                            |
| 05 EXISTING BOLLARDS IN THIS AREA TO BE DEMOLISHED. SURFACE TO BE PREPARED FOR NEW FINISHES AS PER SHEETS A0.10 AND A0.20 | 11 EXISTING PICKET FENCE TO BE PROTECTED DURING CONSTRUCTION.                       | 17 EXISTING FENCE AND GATE TO REMAIN. PROTECT DURING CONSTRUCTION.  | CONTRACTOR TO INFORM OWNER & ARCHITECT IF CONDUIT FOR PANEL FROM BURRIE CENTER IS IN CONFLICT WITH EXISTING TREES. |
|   | 12 EXISTING DUMPSTER AND RECYCLE BIN ENCLOSURE TO BE PROTECTED DURING CONSTRUCTION. | 18 EXISTING TREE TO BE REMOVED / RELOCATED. REFER TO LANDSCAPE SHEETS FOR DETAIL.                         |  |

DEMOLITION NOTES

- ALL DEMOLITION WORK SHALL BE COORDINATED WITH CITY STAFF TO CREATE THE LEAST AMOUNT OF DISRUPTION TO CIVIC CENTER DURING DEMOLITION AND CONSTRUCTION OF PARK.
- CONTRACTOR TO MAINTAIN A CLEAN JOB SITE 24 HOURS A DAY WITHIN AND ADJACENT TO SCOPE OF WORK SO AS TO MINIMALLY AFFECT BUSINESS OPERATIONS. ALSO MAINTAIN TEMPORARY PARTITIONS AS REQUIRED TO LIMIT ESCAPING DUST, DEBRIS, AND NOISE FROM DEMOLITION AND CONSTRUCTION.
- CONTRACTOR SHALL HAVE WATER AVAILABLE ONSITE TO MINIMIZE THE SPREAD OF DUST OR OTHER MATERIALS.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION BARRIERS ENCLOSING ALL NEW CONSTRUCTION AND DEMOLITION WORK AREA, AND SHALL APPLY FOR ALL REQUIRED PERMITS. COORDINATE WITH CITY OF POMPAÑO BEACH STAFF FOR THE LOCATION OF TEMPORARY BARRIERS.
- CONTRACTOR TO PROTECT ALL EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION (TYP.). CONTRACTOR SHALL PATCH, REPAIR OR REPLACE ANY DAMAGE, INTENTIONAL OR NOT, CAUSED BY CONSTRUCTION WORK OR WORKERS TO AREAS OUTSIDE THE LIMITS OF CONSTRUCTION (TYP.)
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES DURING DEMOLITION AND CONSTRUCTION.
- ALL UTILITY LINES INCLUDING, BUT NOT LIMITED TO, WATER, SEWER, ETC. SHALL BE SHUT OFF, CAPPED, OR OTHERWISE CONTROLLED BEFORE DEMOLITION WORK IS STARTED. CO-ORDINATE WITH CITY PRIOR TO ANY SHUT-DOWNS
- PEDESTRIANS SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES PER FBC 3306.1. SIGNS SHALL BE PROVIDED BY CONTRACTOR TO DIRECT TRAFFIC.

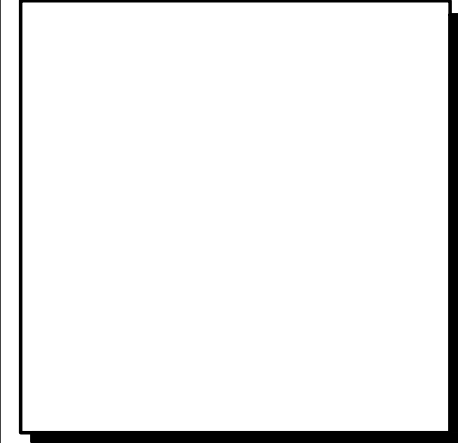
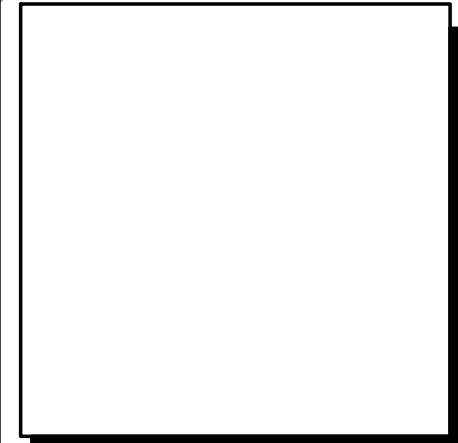


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|--|---|
|  | EXISTING CATCH BASIN TO REMAIN          |
|  | EXISTING WATER MAIN COVER TO REMAIN     |
|  | EXISTING SANITARY SEWER COVER TO REMAIN |
|  | EXISTING BOLLARD TO REMAIN              |
|  | EXISTING BOLLARD TO BE REMOVED          |
|  | OVERHEAD POWER LINE TO REMAIN           |
|  | PROPERTY BOUNDARY LINE                  |



DEMOLITION SITE PLAN & KEYNOTES

SCALE: 1" = 10'-0"



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DRAWN BY: JA  
CHECKED BY: AZ  
DATE: 08-21-2023

REVISIONS:

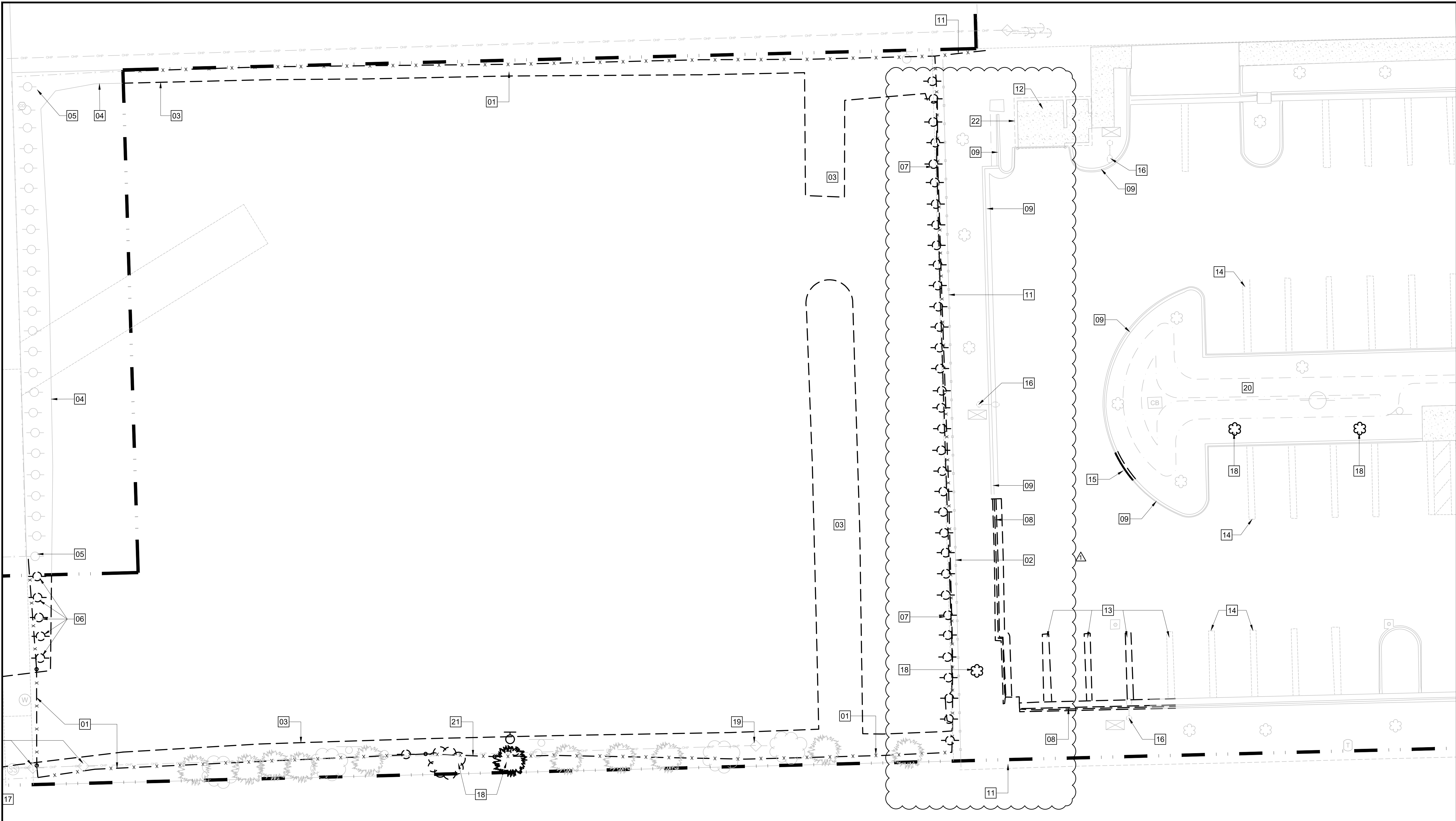
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SITE PLAN - DEMOLITION



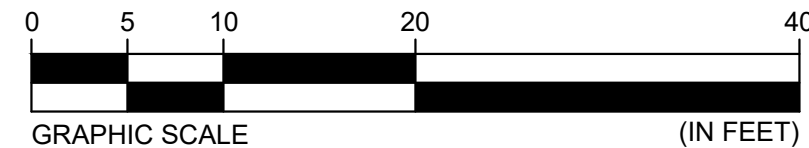


#### DEMOLITION SITE PLAN KEYNOTES

- |   |   |   |  |
|---|---|---|--|
| 01 EXISTING CHAIN-LINK FENCE TO BE DEMOLISHED   | 07 EXISTING BOLLARDS ALONG THE EAST EDGE OF THE BOUNDARY TO BE DEMOLISHED.          | 13 EXISTING STRIPING TO BE REMOVED FOR (4) FOUR PARKING STALLS. SEE SHEET A0.10 FOR PROPOSED CURB LAYOUT. | 19 EXISTING POWER POLE TO REMAIN. PROTECT DURING CONSTRUCTION.   |
| 02 SECTION OF EXISTING PICKET FENCE TO BE RELOCATED. SEE SHEET A0.10 FOR LOCATION.  | 08 EXISTING CURB TO BE DEMOLISHED. SEE SHEET A0.10 FOR PROPOSED LAYOUT.             | 14 EXISTING STRIPING TO REMAIN. PROTECT DURING CONSTRUCTION.  | 20 EXISTING RETENTION AREA TO BE MODIFIED. REFER TO CIVIL SHEETS FOR DETAILS.                                      |
| 03 EXISTING ASPHALT SURFACING AND GRASS TO BE REMOVED. PREPARE FOR NEW SURFACING AS PER SHEETS A0.10 AND A0.20            | 09 EXISTING CURB TO BE PROTECTED DURING CONSTRUCTION.                               | 15 EXISTING CURB TO BE DEMOLISHED. PREPARE SURFACE FOR NEW SIDEWALK AS PER LAYOUT ON SHEET A0.10          | 21 EXISTING DOUBLE GATE TO BE REPLACED WITH NEW ALUMINUM DOUBLE GATE. SEE SHEET A0.41 FOR DETAILS.                 |
| 04 EXISTING ASPHALT SURFACING TO REMAIN. THIS PLOT IS NOT PART OF THE PROJECT.  | 10 EXISTING CURB TO BE PROTECTED DURING CONSTRUCTION.                               | 16 EXISTING LIGHT POLE TO REMAIN. PROTECT DURING CONSTRUCTION.  | 22 EXISTING HEDGE ALONG THIS WALL TO BE REMOVED FOR INSTALLATION OF NEW ELECTRIC PANEL.                            |
| 05 EXISTING BOLLARDS IN THIS PLOT TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION.                                      | 11 EXISTING PICKET FENCE TO BE PROTECTED DURING CONSTRUCTION.                       | 17 EXISTING FENCE AND GATE TO REMAIN. PROTECT DURING CONSTRUCTION.  | CONTRACTOR TO INFORM OWNER & ARCHITECT IF CONDUIT FOR PANEL FROM BURRIE CENTER IS IN CONFLICT WITH EXISTING TREES. |
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#### DEMOLITION NOTES

- ALL DEMOLITION WORK SHALL BE COORDINATED WITH CITY STAFF TO CREATE THE LEAST AMOUNT OF DISRUPTION TO CIVIC CENTER DURING DEMOLITION AND CONSTRUCTION OF PARK.
- CONTRACTOR TO MAINTAIN A CLEAN JOB SITE 24 HOURS A DAY WITHIN AND ADJACENT TO SCOPE OF WORK SO AS TO MINIMALLY AFFECT BUSINESS OPERATIONS. ALSO MAINTAIN TEMPORARY PARTITIONS AS REQUIRED TO LIMIT ESCAPING DUST, DEBRIS, AND NOISE FROM DEMOLITION AND CONSTRUCTION.
- CONTRACTOR SHALL HAVE WATER AVAILABLE ONSITE TO MINIMIZE THE SPREAD OF DUST OR OTHER MATERIALS.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION BARRIERS ENCLOSING ALL NEW CONSTRUCTION AND DEMOLITION WORK AREA, AND SHALL APPLY FOR ALL REQUIRED PERMITS. COORDINATE WITH CITY OF POMPANO BEACH STAFF FOR THE LOCATION OF TEMPORARY BARRIERS.
- CONTRACTOR TO PROTECT ALL EXISTING AREAS OUTSIDE THE LIMITS OF CONSTRUCTION (TYP.). CONTRACTOR SHALL PATCH, REPAIR OR REPLACE ANY DAMAGE, INTENTIONAL OR NOT, CAUSED BY CONSTRUCTION WORK OR WORKERS TO AREAS OUTSIDE THE LIMITS OF CONSTRUCTION (TYP.)
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES DURING DEMOLITION AND CONSTRUCTION.
- ALL UTILITY LINES INCLUDING, BUT NOT LIMITED TO, WATER, SEWER, ETC. SHALL BE SHUT OFF, CAPPED, OR OTHERWISE CONTROLLED BEFORE DEMOLITION WORK IS STARTED. CO-ORDINATE WITH CITY PRIOR TO ANY SHUT-DOWNS
- PEDESTRIANS SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES PER FBC 3306.1. SIGNS SHALL BE PROVIDED BY CONTRACTOR TO DIRECT TRAFFIC.

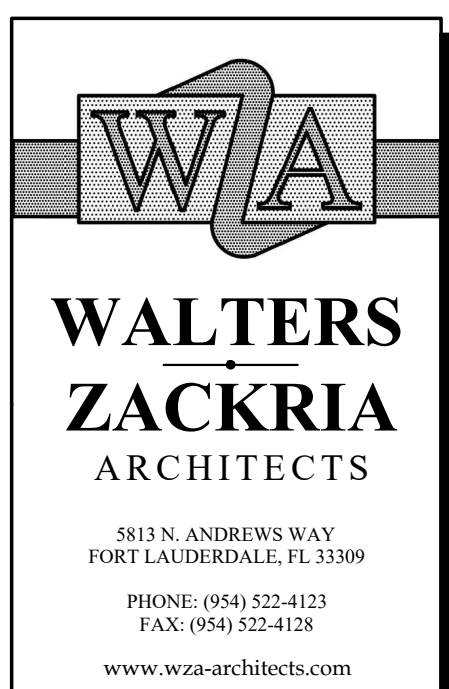
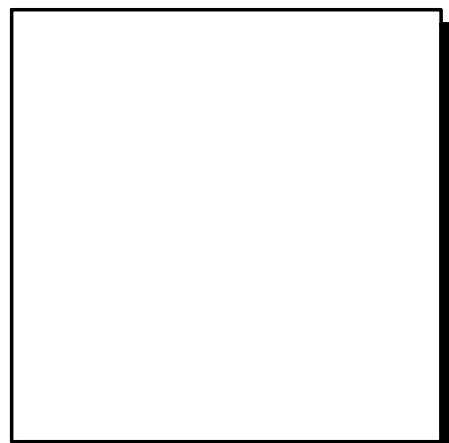
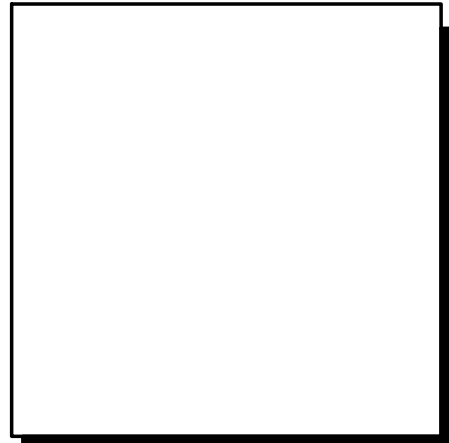


- |     |   |
|-----|---|
| CB  | EXISTING CATCH BASIN TO REMAIN          |
| W   | EXISTING WATER MAIN COVER TO REMAIN     |
| SS  | EXISTING SANITARY SEWER COVER TO REMAIN |
| ○   | EXISTING BOLLARD TO REMAIN              |
| ○   | EXISTING BOLLARD TO BE REMOVED          |
| —   | OVERHEAD POWER LINE TO REMAIN           |
| --- | PROPERTY BOUNDARY LINE                  |



#### DEMOLITION SITE PLAN & KEYNOTES

SCALE: 1" = 10'-0"



Abbas H. Zackria, FL AR 91520

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CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK

2669 N FEDERAL HWY.  
POMPANO BEACH, FL 33064

DRAWN BY: JA  
CHECKED BY: AZ  
DATE: 08-21-2023

REVISIONS:

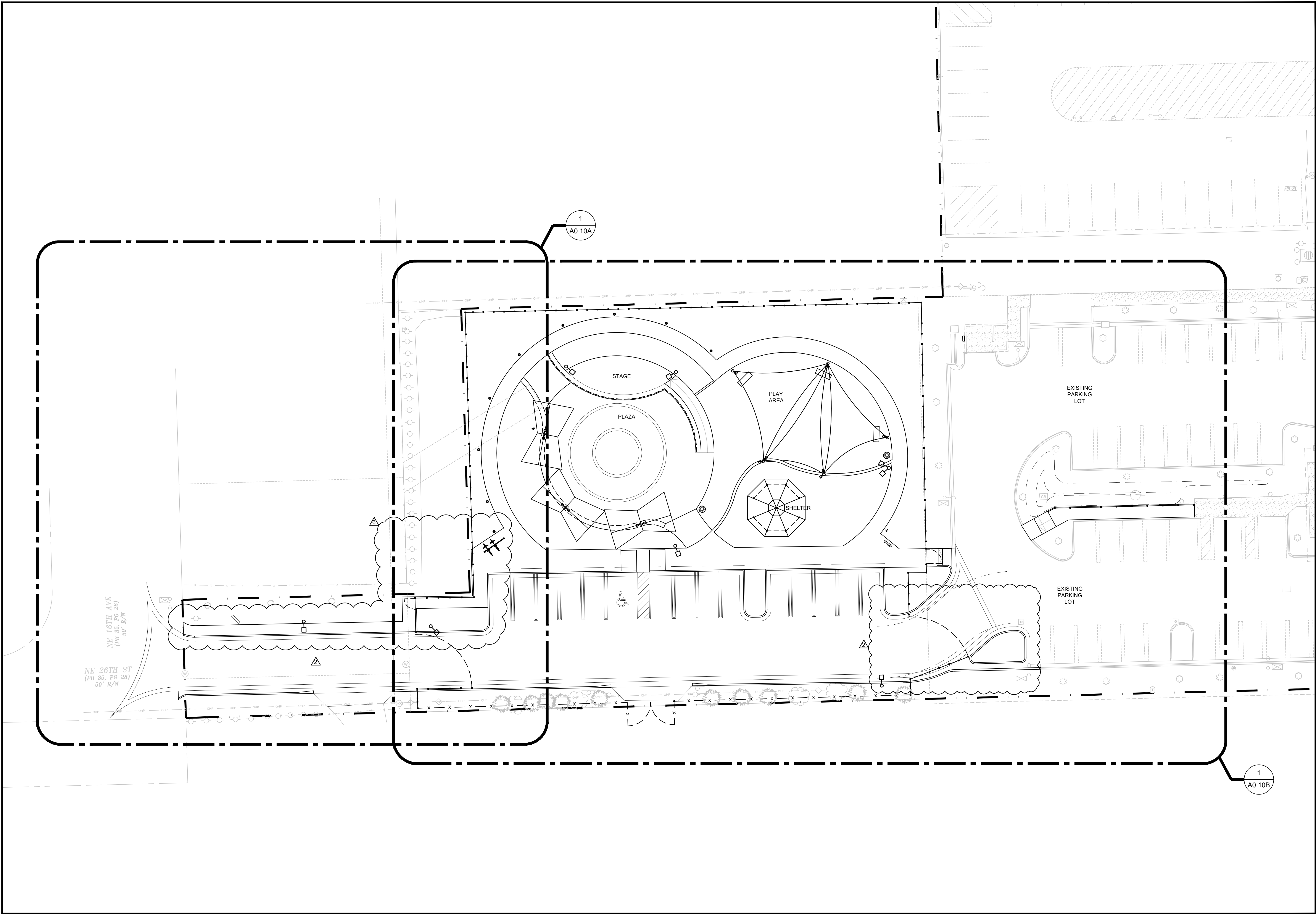
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- 12-22-23 PERMIT CO-ORD

2203

A0.09B

SITE PLAN - DEMOLITION





W

A

WALTERS  
ZACKRIA  
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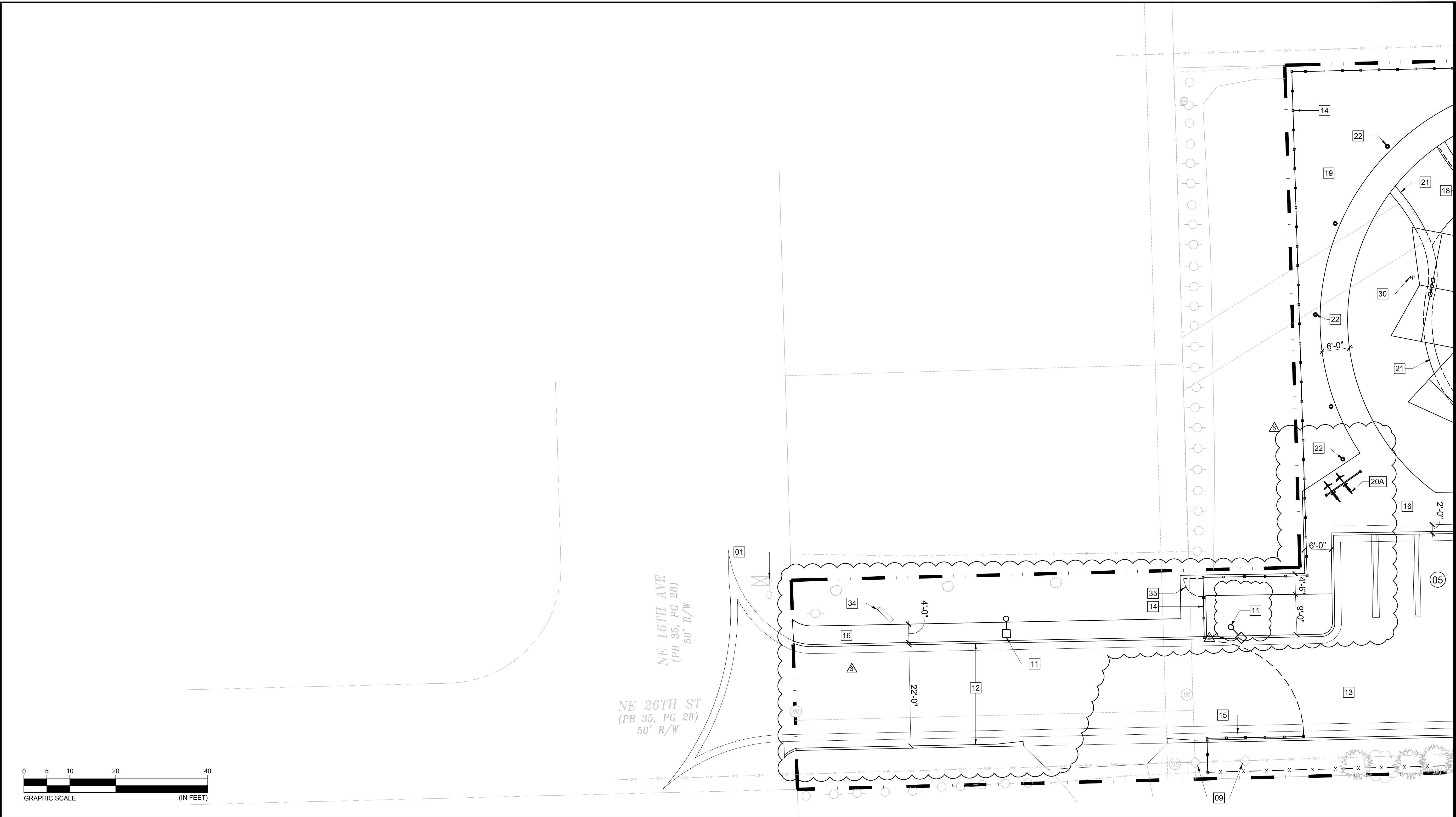
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△ 12-22-23 PERMIT CO-ORD  
△  
△  
△ 04-03-25 OWNER COMMENTS

2203

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OVERALL SITE PLAN -  
PROPOSED





#### KEYNOTES FOR EXISTING FEATURES

- 01 EXISTING LIGHT POLE TO REMAIN. PROTECT DURING CONSTRUCTION.
- 02 EXISTING CURB TO REMAIN. PROTECT DURING CONSTRUCTION.
- 03 EXISTING PARKING LOT STRIPING TO REMAIN. PROTECT DURING CONSTRUCTION.
- 04 EXISTING PICKET FENCE ON ADJOINING PARCEL TO REMAIN. PROTECT DURING CONSTRUCTION.
- 05 EXISTING ASPHALT SURFACING IN PARKING LOT TO REMAIN. PROTECT DURING CONSTRUCTION.
- 06 EXISTING DUMPSTER AND RECYCLE BIN ENCLOSURE TO REMAIN. PROTECT DURING CONSTRUCTION.
- 07 EXISTING LIGHT POLE RELOCATED TO THIS LOCATION
- 08 EXISTING 'FIRE DEPARTMENT ACCESS' SIGN TO REMAIN.
- 09 EXISTING POWER POLE TO REMAIN. PROTECT DURING CONSTRUCTION.

#### KEYNOTES FOR PROPOSED FEATURES

- 11 NEW 25 FEET HIGH LIGHT POLE TO MATCH WITH CIVIC CENTER LIGHT POLE. SEE ELECTRICAL SHEETS FOR DETAIL.
- 12 NEW CONTINUOUS CONCRETE CURB
- 13 NEW ASPHALT SURFACING IN PARKING LOT. SEE CIVIL DRAWINGS FOR STRIPING DETAILS.
- 14 NEW 6-FEET HIGH 'CLEAR' ANNOIDIZED ALUM. PICKET FENCE TO MATCH WITH FENCE USED AT CIVIC CENTER. SEE SHEET A0.40 FOR DETAIL.
- 15 NEW 24-FEET WIDE, 6-FEET HIGH 'CLEAR' ANNOIDIZED ALUM. PICKET FENCE GATE WITH POST. SEE SHEET A0.40 FOR DETAIL.
- 16 NEW CONCRETE SIDEWALK. SEE DIMENSIONS ON PLAN FOR WIDTH INFORMATION.
- 17 NEW PANEL. SEE ELECTRICAL SHEETS FOR DETAIL.
- 18 NEW 16 FEET HIGH PEDESTRIAN LIGHT POLE. SEE ELECTRICAL SHEETS FOR DETAIL.
- 19 NEW SURFACE FINISH. SEE SHEET A0.20 FOR FINISH INFORMATION.
- 20A NEW BIKE RACK. SEE A0.30 FOR INFORMATION.
- 21 NEW DRINKING WATER FOUNTAIN. SEE A0.30 FOR INFORMATION.
- 22 NEW CONCRETE SEAT ON BLOCK WALL. SEE DETAIL 1/A0.41 FOR INFORMATION.
- 23 NEW DECORATIVE LANDSCAPE LIGHT FIXTURE. SEE ELECTRICAL SHEETS FOR DETAIL.
- 24 NEW METAL CANOPY. SEE SHEET A4.10 FOR INFORMATION.
- 25 BENCHES - TYPICAL OF 3. SEE SHEET A0.30 FOR INFORMATION.
- 26 NEW TRASH / RECYCLING CAN - TYPICAL OF 2. SEE SHEET A0.30 FOR INFORMATION.
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- 31 NEW LOCKABLE HOSE BIBB. SEE CIVIL SHEETS.
- 32 NEW 18-FEET WIDE, 6-FEET HIGH CHAINLINK FENCE DOUBLE GATE WITH POST. SEE SHEET A0.41 FOR DETAIL. CHAINLINK FENCE ALONG SOUTH BOUNDARY OF PROPERTY.
- 33 SEE CIVIL SHEETS FOR MODIFIED AREA.
- 34 NEW CONCRETE SIDEWALK WITH CONCRETE STRUCTURAL WALL AT RETENTION AREA.
- 35 NEW PARK ENTRY SIGNAGE. SEE SHEET A0.11 FOR DETAIL.
- 36 NEW 4-FT WIDE, 6-FEET HIGH 'CLEAR' ANNOIDIZED ALUM. PICKET FENCE GATE WITH POST. SEE SHEET A0.40 FOR DETAIL.

#### SITE PARKING INFORMATION

PER PARKING STANDARDS PROVIDED BY AMERICAN PLANNING ASSOCIATION, PARKS HAVING AN AREA OF 50 ACRES OR LESS TO HAVE 1 PARKING SPACE FOR EACH ONE-HALF ACRE OF DEVELOPED PARK AREA UP TO 15 ACRES, PLUS 1 PARKING SPACE FOR EACH 400 SQ. FEET OF FLOOR AREA IN THE REMAINING AREA OF EACH BUILDING IN THE PARK.

DEVELOPED AREA OF PARK = 0.75 ACRES = 2 PARKING SPACES REQUIRED

STAGE = 480 SQ. FEET = 2 PARKING SPACES REQUIRED

PARKING PROVIDED: 14 STANDARD SPACES (9' X 20')  
01 ADA SPACE (12' X 20')

**15 TOTAL SPACES**

PER THE 2020 FLORIDA ACCESSIBILITY CODE TABLE 208.2, A MINIMUM OF (1) OF THE PROVIDED (17) PARKING SPACES SHALL BE ACCESSIBLE SPACES.

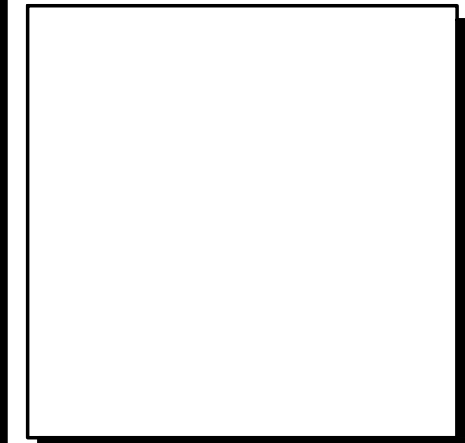
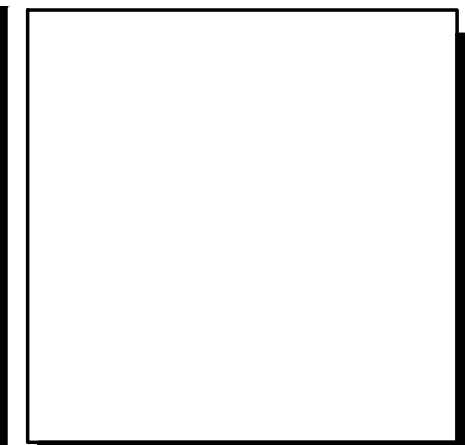
#### LEGEND

- LIGHT POLE WITH WI-FI & MULTISENSOR CCTV
- LIGHT POLE WITH SINGLE HEAD
- PARKING STALL COUNT
- TRASH / RECYCLE CAN
- RELOCATED / NEW FENCE
- EXISTING FENCE TO REMAIN



#### PROPOSED SITE PLAN & KEYNOTES

SCALE: 1" = 10'-0"



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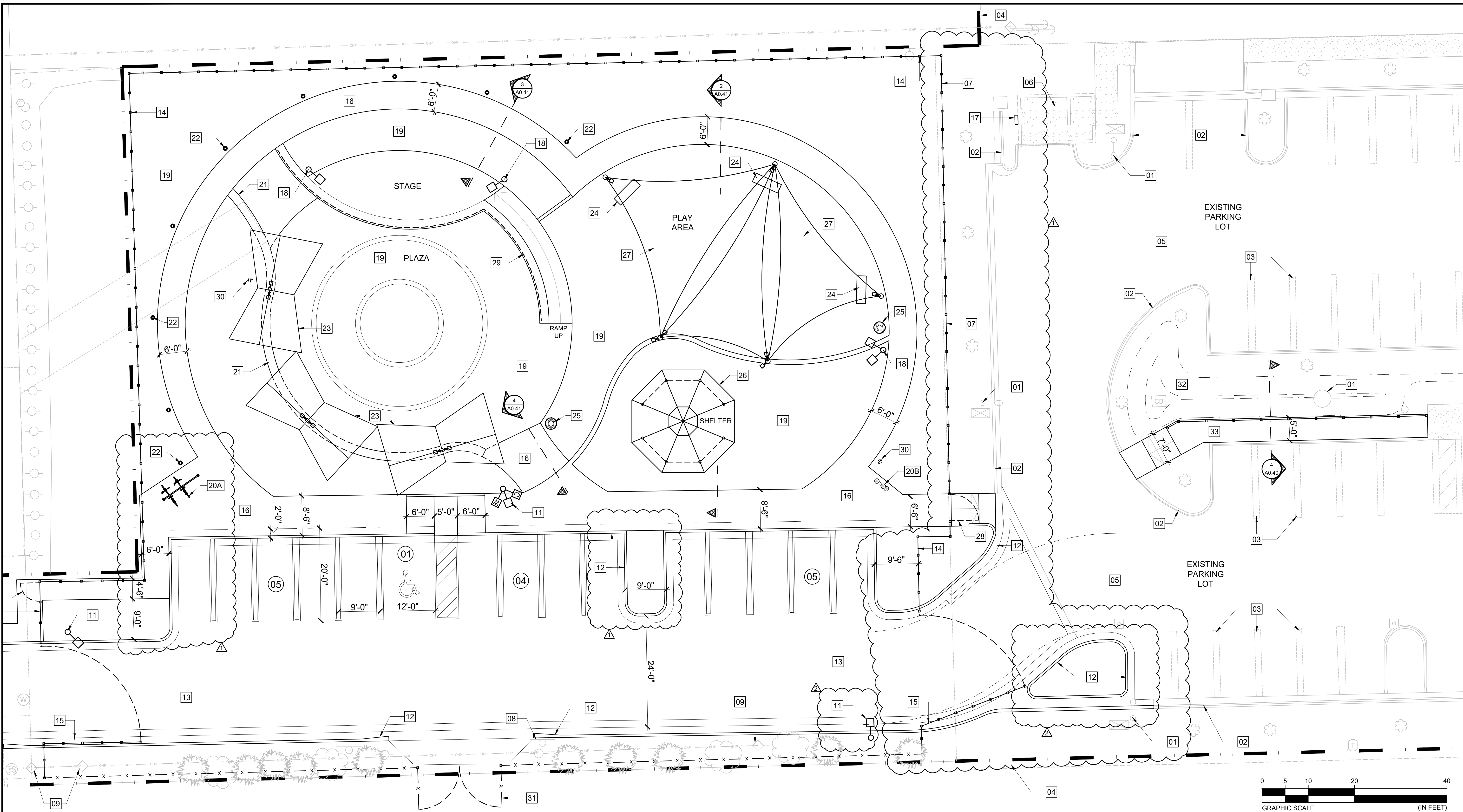
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2203

**A0.10A**

SITE PLAN - PROPOSED





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#### SITE DATA:

TOTAL PROJECT AREA: 32,234 SF (0.74 ACRES)  
IMPERVIOUS AREA: 23,130 SF (0.53 ACRES)  
PERVIOUS AREA: 9,104 SF (0.21 ACRES)

#### SITE PARKING INFORMATION

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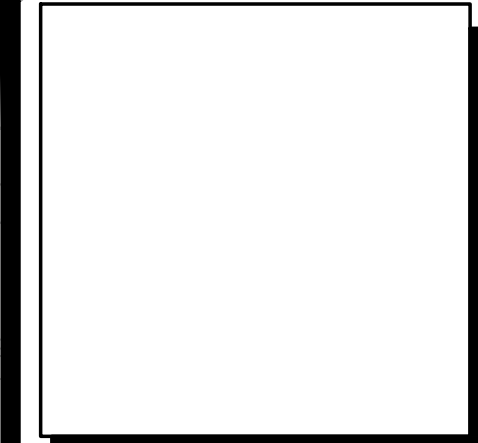
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#### PROPOSED SITE PLAN & KEYNOTES

SCALE: 1" = 10'-0"



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#### CITY OF POMPANO BEACH CHARLOTTE BURRIE COMM. CENTER PLAZA AND PASSIVE PARK 2669 N FEDERAL HWY. POMPANO BEACH, FL 33064

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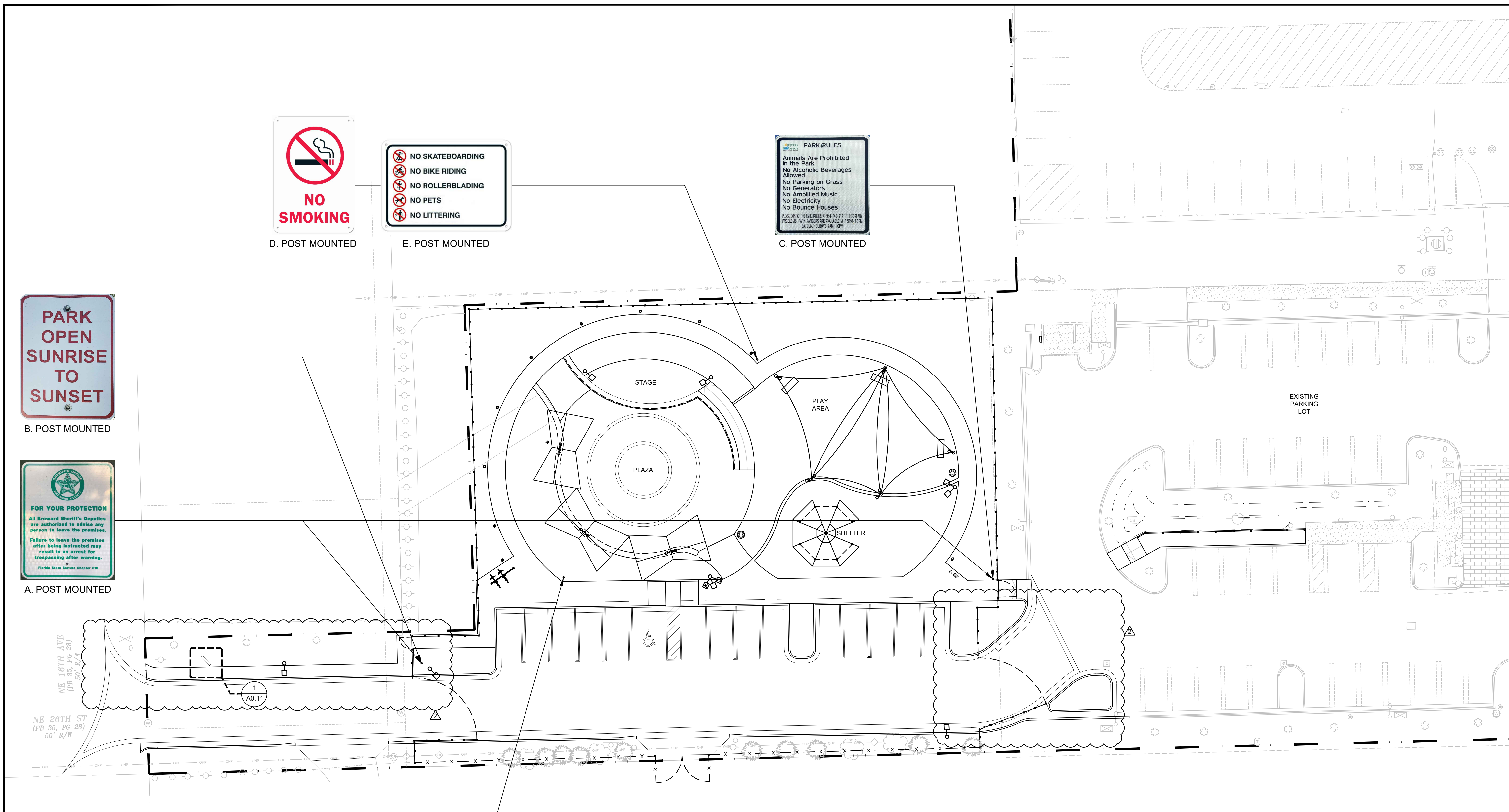
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02-22-24 PERMIT CO-ORD

2203

## A0.10B

SITE PLAN - PROPOSED





NOTE:  
COORDINATE FINAL PLACEMENT AND DESIGN FOR ALL SIGNAGE WITH THE CITY OF POMPANO BEACH PRIOR TO ORDERING AND INSTALLATION.

**NO SMOKING**  
D. POST MOUNTED

**NO SKATEBOARDING  
NO BIKE RIDING  
NO ROLLERBLADING  
NO PETS  
NO LITTERING**  
E. POST MOUNTED

0 10 20 40 100  
GRAPHIC SCALE (IN FEET)

**SIGNAGE SITE PLAN**  
SCALE: 1/16" = 1'-0"

**1 PARK ENTRY SIGNAGE DETAIL**  
SCALE: 1/2" = 1'-0"

**ELEVATION**  
Charlotte J. Burrie Park  
2669  
pompano beach

**SECTION**  
FINISH GRADE

PAINTED ALUMINUM SIGN HOUSING CABINET  
6" HIGH PUSH THROUGH WHITE ACRYLIC LETTERS  
CONCRETE BASE  
CAULK EDGES OF ALUMINUM SHEET  
CITY LOGO ON 1/8" ALUMINUM PLATE ADHERED TO BASE  
CONCRETE FOOTING

**PLAN @ TOP**  
6" HIGH PUSH THROUGH WHITE ACRYLIC LETTERS INTERNALLY ILLUMINATED WITH LED STRIP LIGHTS  
2-1/2" x 2-1/2" STEEL TUBE WELDED TO STEEL BASE PLATE, BOLTED TO CONCRETE BASE  
ALUMINUM SHEET AS HOUSING CABINET BOLTED TO STEEL TUBES  
CONCRETE BASE

**PLAN @ BASE**

NOTE:  
CONTRACTOR TO PROVIDE ENGINEERED SHOP DRAWINGS TO OWNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION. FINISH COLORS TO BE DECIDED BY OWNER.

**2 SIGNAGE POST DETAIL**  
SCALE: 1/2" = 1'-0"

**ELEVATION**  
DOMED CAP  
ATTACH ALL SIGNS W/ STAINLESS STEEL FASTENERS  
3/4" X 4" X 4" X 8' GALVANIZED STEEL POST W/ POWDER COAT FINISH TO MATCH FENCE  
FINISH GRADE  
18" DIAMETER CONCRETE FOOTING

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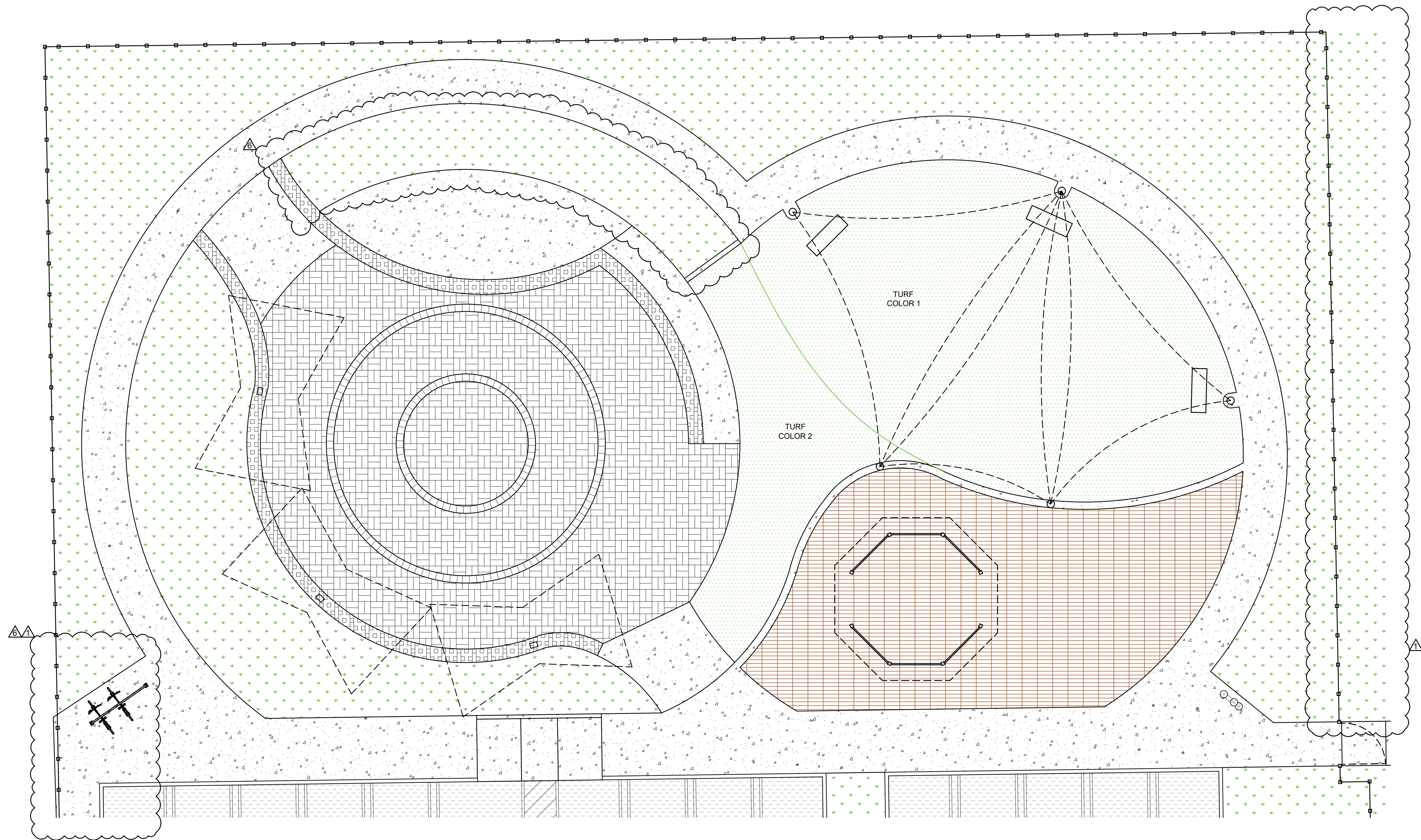
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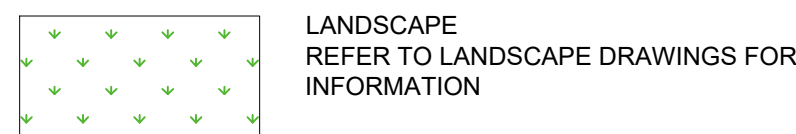
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SIGNAGE SITE PLAN



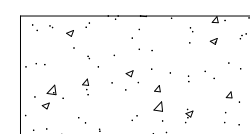


#### FINISHES / MATERIAL LEGEND:

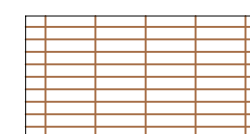
- QUANTITIES TO BE DETERMINED BY CONTRACTOR.
- CONTRACTOR TO PROVIDE PHYSICAL SAMPLES OF MATERIALS SHOWN BELOW FOR OWNER APPROVAL OR GET A SUBSTITUTION APPROVED BY ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- SEE SITE DETAILS SHEET FOR INSTALLATION INFORMATION.



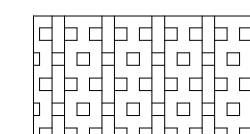
LANDSCAPE  
REFER TO LANDSCAPE DRAWINGS FOR  
INFORMATION



CONCRETE  
BROOM FINISH.  
REFER TO CIVIL DRAWINGS FOR GRADES  
AND CONCRETE MIX INFORMATION.  
SEE A0.40 FOR SIDEWALK DETAIL.



PAVERS: PRODUCT AND APPLICATION SAME AS CIVIC  
CENTER VEHICULAR DROP-OFF AREA.  
SEE INSTALLATION DETAIL ON A0.41  
PRODUCT INFORMATION:  
• 6" x 12" x 3" THK (FIELD) TRUFFLE BY "BELGARD",  
MODULINE SERIES.  
• 6" x 12" x 3" THK (BORDER) TRUFFLE BY "BELGARD",  
MODULINE SERIES.  
• SOLDIER COURSE PATTERN (ALTERNATING COLOR)  
• PAVERS TO BE FLUSH WITH CONCRETE SIDEWALK



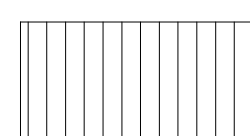
PRECAST CONCRETE  
PRODUCT INFORMATION:  
WAUSAU PRECAST CONCRETE 4" THK, 8 FEET LONG  
SECTIONS, BEVELED EDGES.  
FINISH TEXTURE - WEATHERSTONE W20 WHITE.



ARTIFICIAL TURF SURFACING  
SEE INSTALLATION DETAIL ON A0.41  
PRODUCT INFORMATION:  
PLAYGROUND GRASS BY FOREVER LAWN.  
SUBMIT SAMPLES TO OWNER FOR REVIEW OF COLORS.  
COLOR 1 - ORANGE  
COLOR 2 - YELLOW



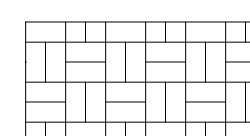
ORANGE - YELLOW



PAVERS  
PRODUCT INFORMATION:  
WAUSAU TILE ESTATE HRT-50  
12" x 12" SQUARE TILE, 3" THK  
APPLICATION ON PLAZA BORDER CIRCLES  
AS SEEN ON PLAN ABOVE.



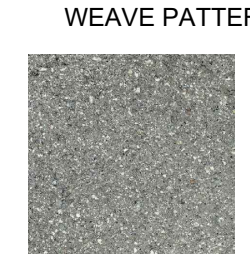
HRT-50



PAVERS  
PRODUCT INFORMATION:  
WAUSAU TILE ESTATE HRT-15, HRT-34, HRT-38  
4" x 12" SQUARE TILE, 3" THK  
RANDOM APPLICATION OF 3 COLORS IN BASKET  
WEAVE PATTERN IN PLAZA AS SEEN ON PLAN ABOVE.



HRT-15



HRT-34



HRT-38



ASPHALT SURFACING  
REFER TO CIVIL DRAWINGS FOR INFORMATION.



#### SITE PLAN - FINISHES

SCALE: 1/8" = 1'-0"



**WALTERS  
ZACKRIA  
ARCHITECTS**

5813 N. ANDREWS WAY  
FORT LAUDERDALE, FL 33309  
PHONE: (954) 522-4123  
FAX: (954) 522-4128  
www.wza-architects.com

Abbas H. Zackria, FL AR 91520

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ZACKRIA ASSOCIATES, PLLC, AND SHALL  
NOT BE REPRODUCED WITHOUT WRITTEN  
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FIRM OR BE LIABLE FOR THE FULLEST  
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PRIOR TO EXECUTION OF WORK.

**CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK**

2669 N FEDERAL HWY.  
POMPANO BEACH, FL 33064

DRAWN BY: JA  
CHECKED BY: AZ  
DATE: 08-21-2023

REVISIONS:  
△ 10-23-23 PERMIT CO-ORD  
△ 02-22-24 PERMIT CO-ORD  
△ 04-03-25 OWNER COMMENTS

2203

**A0.20**

SITE FINISHES





SKU: ALP479-38 Tags: 38 Gallon, Alpine, Back To School, Metal Slatted Trash, Outdoor Metal Trash Can, Outdoor Metal Trash Receptacle, Trash Can, Trash Receptacle

### 38 GALLON OUTDOOR METAL WASTE RECEPTACLE

#### FEATURES & BENEFITS

**Design:** Constructed with reinforced circular bands and rolled edges to ensure its longevity.

**High-Capacity:** The 38-gallon holding capability requires less emptying by maintenance workers.

**Coating:** A polyester powder that provides superior coverage, a polished finish, and deters vandals.

**Optional:** Partners well with our Rain Bonnet, which prevents rain and snow from flooding your receptacle.

**Touch-Free:** Without touching the receptacle physically, the risk of cross-contamination is eliminated.

- NOTE:
- COLOR OPTION TO BE SELECTED BY OWNER.
  - MANUFACTURERS.
  - ALPINE
  - TOPLINE RECREATION
  - APPROVED EQUAL

## STEEL TRASH RECEPTACLE

NOT TO SCALE

### Austin Bench

	cantilever backed	23°	72°	33°	Alum: 118 lb Wood: 150 lb
--	-------------------	-----	-----	-----	------------------------------



BENCH AT BURRIE CIVIC CENTER



NOTE:  
CONTRACTOR TO PROVIDE AND INSTALL BENCHES AS INDICATED ON SITE PLAN AS MANUFACTURED BY LANDSCAPE FORMS, INC. - CONTACT: LUIS SALAZAR (269) 337-1314. MODEL "AUSTIN" BACKED BENCH, CANTILEVER, ALUMINUM, WITH END ARMS (TYPICAL OF 3) CONTRACTOR TO MATCH NEW BENCH WITH EXISTING BENCH AT THE BURRIE CIVIC CENTER.

## BENCH

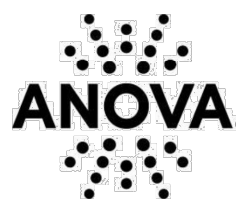
NOT TO SCALE



NOTE:  
CONTRACTOR TO PROVIDE AND INSTALL FOUNTAIN BY MOST DEPENDABLE FOUNTAINS, MODEL - 440 SMFA WITH PET FOUNTAIN, OR APPROVED EQUAL. FINISH COLOR TO BE SELECTED BY OWNER.

## DRINKING WATER FOUNTAIN WITH PET BOWL

NOT TO SCALE



211 North Lindbergh Blvd.  
St. Louis, MO 63141  
800.231.1327 tel. | 314.754.0835 fax  
[specify@anovafurnishings.com](mailto:specify@anovafurnishings.com)  
[anovafurnishings.com](http://anovafurnishings.com)

### LBR7PSURF — Metro 5-Loop Bike Rack with 7-Bike Capacity, Powder Coated Finish and Surface Mount

Five-loop steel tubular bike rack with seven-bike capacity, powder coated finish and surface mount

**Material**  
The bike rack is 63.63" wide and can accommodate seven bicycles. A bicycle can be parked within each of the upper and lower loops plus on the outside of each leg. The rack is made from 2.38" O.D. x 11-gauge wall steel tubing. Each leg features a 5" diameter mounting plate with predrilled holes for easy surface mounting. Mounting hardware is not included.

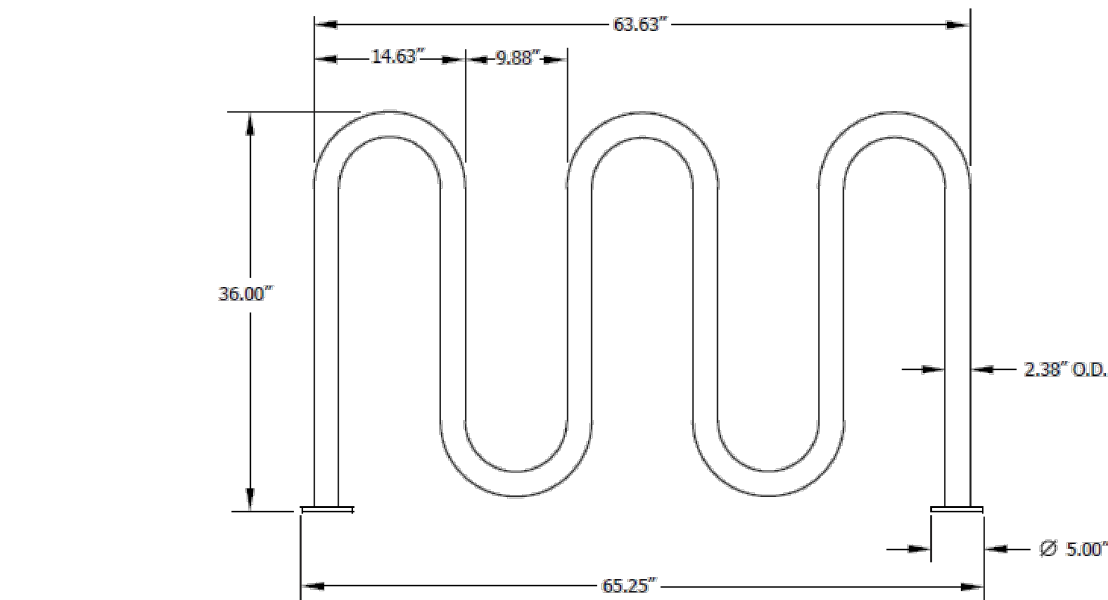
**Finish**  
Fade-resistant, powder coated steel tubing features a state-of-the-art primer proven to prevent rusting. Treated components exceed the industry by 34% in testing by independent sources.

**Color**  
See website or sales representative for color choices.

**Assembly**  
Bike rack requires no assembly except for the surface mounting.

**Maintenance**  
The product is virtually maintenance-free and requires only periodic cleaning with a sponge and a solution of mild detergent and water to remove surface dirt. Do not clean with solvent or petroleum base products.

**Warranty**  
20-year limited structural warranty with 7-year finish warranty against fading from the date of purchase. See full details on multi-year warranties for components at [www.anovafurnishings.com/warranty.aspx](http://www.anovafurnishings.com/warranty.aspx).



#### SHIPPING INFORMATION

Unit Weight	Unit Shipping Wt. UPS	Unit Shipping Wt. Truck (1+ Units)	Unit Ship Size w/Pallet	Max Units Per Pallet	Pallet Size/Wt. (78" X 36")	Total No. Pkgs.	Shipping Class
59 lbs.	N/A	69 lbs./unit	17.06 cu. ft.	8	100 lbs.	1	92.5

11/25/2015 Copyright 2015 ANOVA® Made in U.S.A.

FINISH COLOR TO BE SELECTED BY OWNER

## BIKE RACK

NOT TO SCALE

W

A

WALTERS

ZACKRIA

ARCHITECTS

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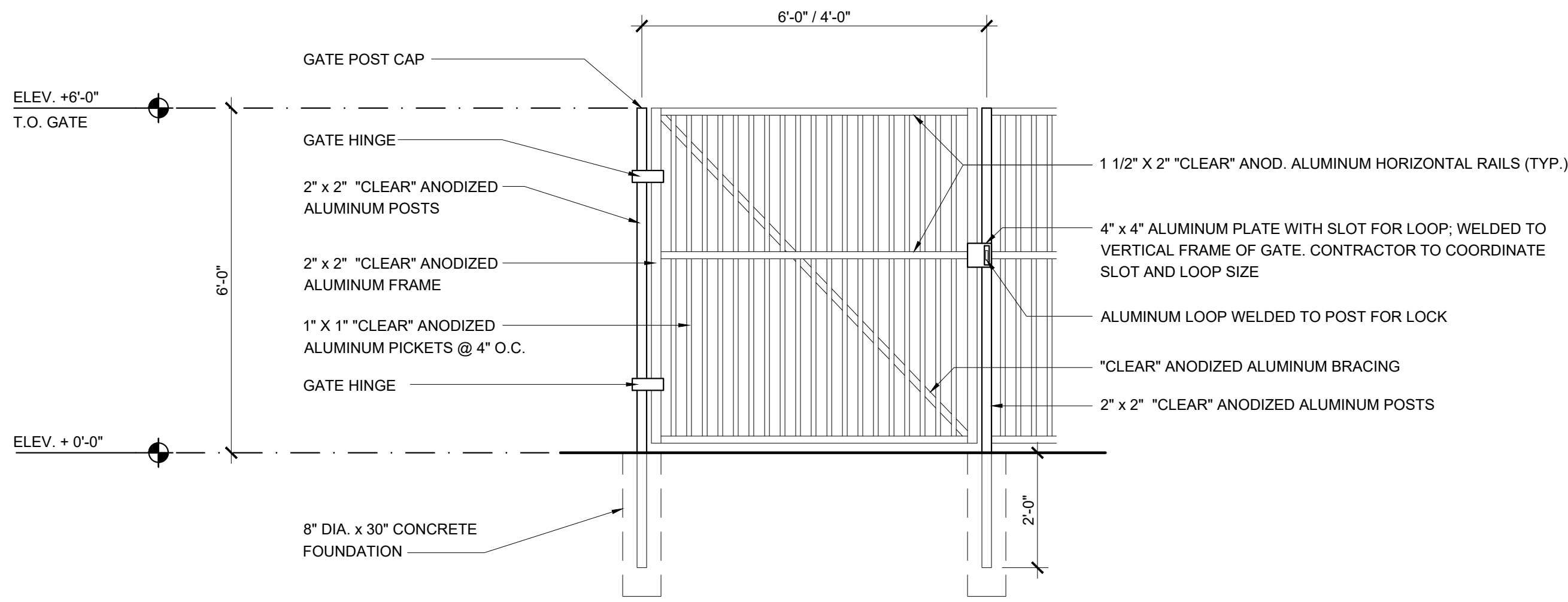
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- 02-22-24 PERMIT CO-ORD

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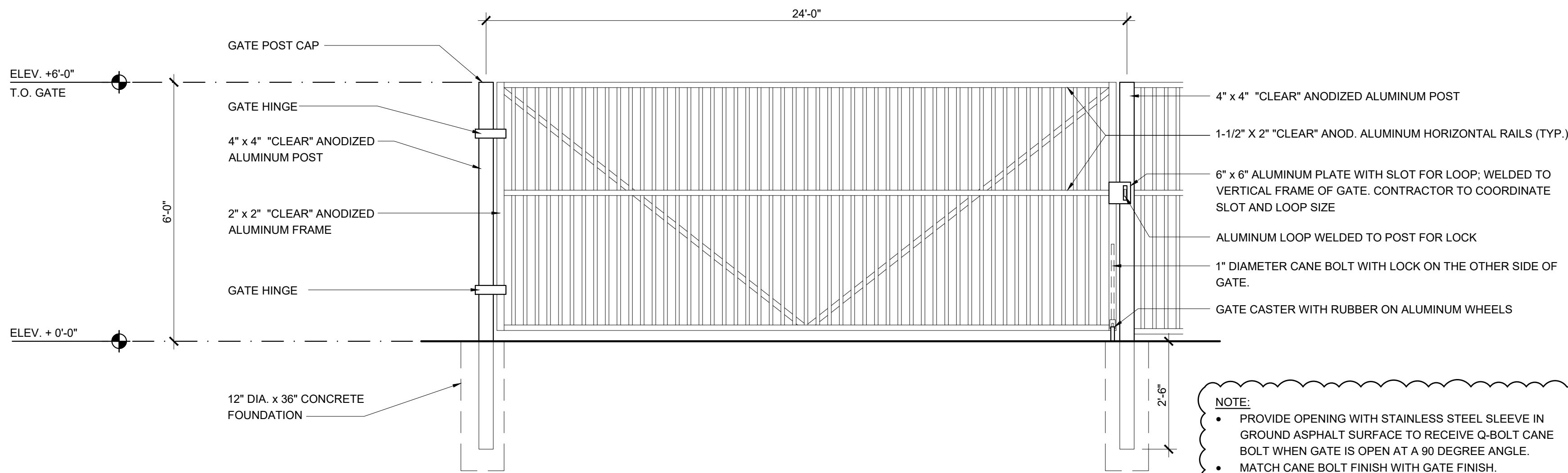
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SITE FURNITURE





PEDESTRIAN GATE



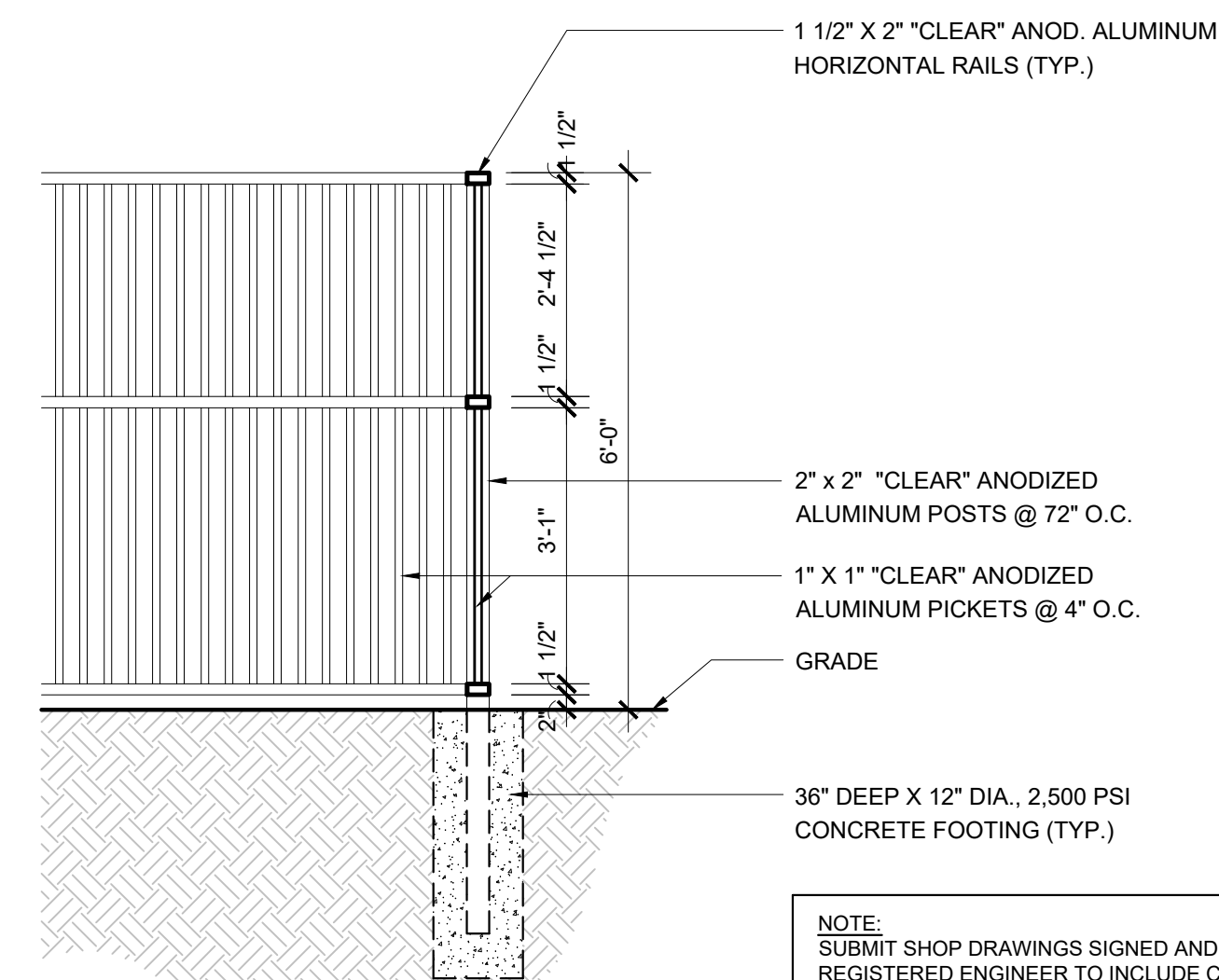
VEHICULAR GATE

NOTE:  
SUBMIT SHOP DRAWINGS SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER TO INCLUDE CALCULATIONS, FOOTERS, POSTS, FASTENERS, ANCHORS, ETC. FOR ARCHITECT AND OWNER REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

NOTE:  
• PROVIDE OPENING WITH STAINLESS STEEL SLEEVE IN GROUND ASPHALT SURFACE TO RECEIVE Q-BOLT CANE BOLT WHEN GATE IS OPEN AT A 90 DEGREE ANGLE.  
• MATCH CANE BOLT FINISH WITH GATE FINISH.  
• KNOX BOX PADLOCK ON VEHICULAR GATE

## 1 TYPICAL ALUMINUM PICKET GATE DETAIL

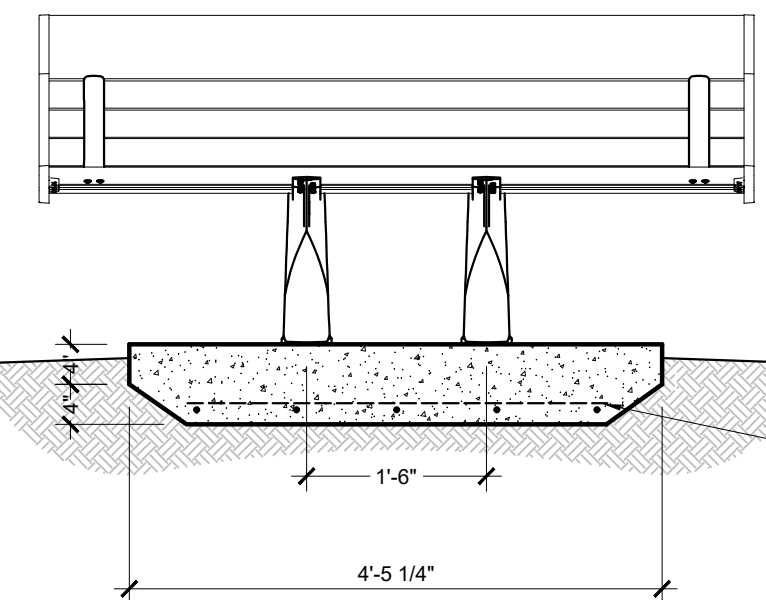
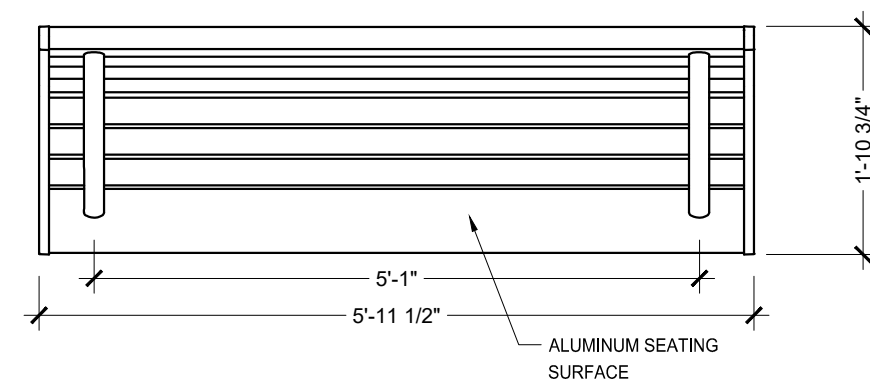
SCALE: 1/2" = 1'-0"



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POSTS:  
2" x 2" "CLEAR" ANODIZED ALUMINUM POSTS @ 72" O.C. SET ALL POSTS IN 36" DEEP X 12" DIAMETER 2,500 PSI CONCRETE FOOTING. PROVIDE SLEEVE, SET IN NON-METALLIC GROUT, 30 INCHES.

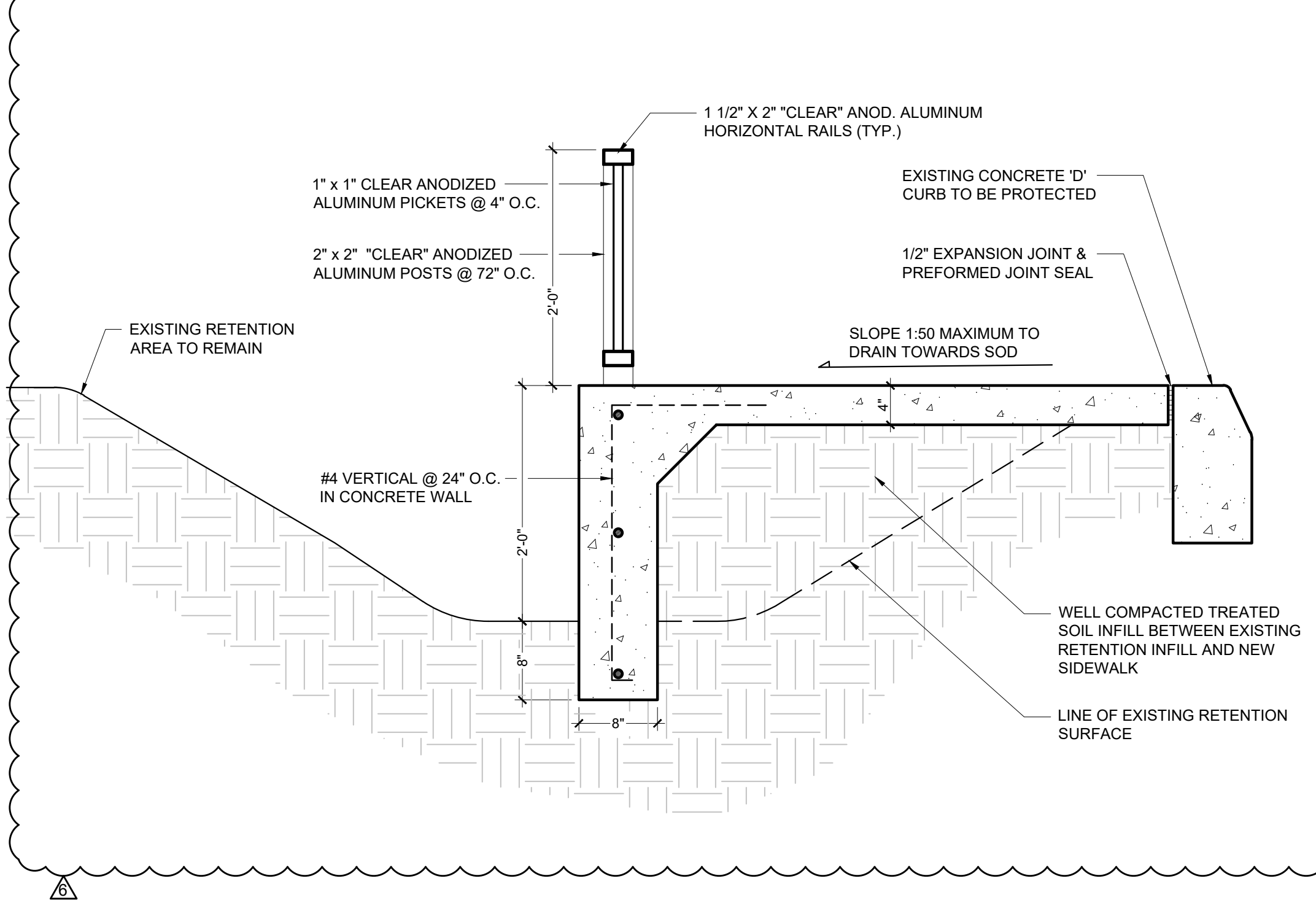
PICKETS: 1" x 1" "CLEAR" ANOD. ALUMINUM



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CONTRACTOR TO MATCH NEW BENCH WITH EXISTING BENCH AT THE CIVIC CENTER

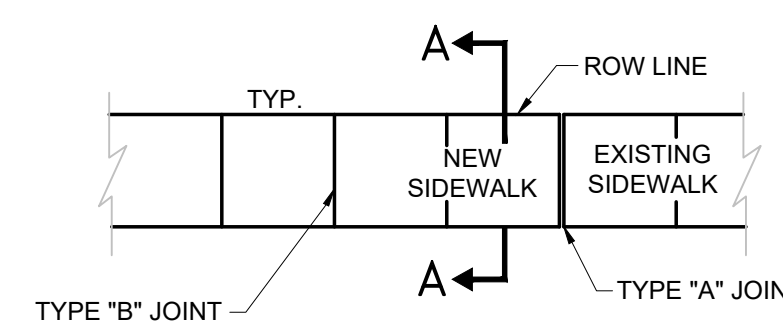
## 3 BENCH DETAIL

SCALE: NOT TO SCALE



## 4 SIDEWALK DETAIL AT RETENTION AREA

SCALE: N/A



TYPE "A"

P.C. AND P.T. CURVES. JUNCTION OF EXISTING AND NEW SIDEWALKS.

TYPE "B"

6'-0" CENTER TO CENTER ON SIDEWALKS.

TYPE "C"

WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES

### SIDEWALK JOINT TYPES

### CONCRETE SIDEWALK DETAIL NOTES

1. PROVIDE 1/8" CONTRACTION JOINTS AT 6' O.C. WITH A MINIMUM DEPTH 1-1/2", EDGED WITH A 1/4" RADIUS OR PROVIDE SAWED JOINTS 3/16" WIDE AND NOT LESS THAN 1-1/2" DEEP WITHIN THE FOLLOWING TIME PERIODS: JOINTS AT NOT MORE THAN 30' INTERVALS - WITHIN 12 HOURS AFTER FINISHING. REMAINING JOINTS WITHIN 96 HOURS AFTER FINISHING.
2. PROVIDE A 1/2" EXPANSION JOINTS WITH NON-RISING PREFORMED JOINT FILLER WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND OTHER FIXED / EXISTING OBJECTS.
3. PROVIDE 4" THICK MINIMUM CONCRETE FOR ALL PEDESTRIAN SIDEWALKS.
4. PROVIDE 6X6 #8 WIRE MESH W/ 2" MINIMUM COVER.
5. CONCRETE TO BE 3,000 PSI IN 28 DAYS.
6. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE OR OTHER APPROVED METHOD.
7. SIDEWALK FOUNDATION SHALL BE COMPACTED TO A FIRM, EVEN SURFACE, TRUE TO GRADE AND CROSS SECTION, AND SHALL BE MOIST AT THE TIME CONCRETE IS PLACED.
8. ALL CONSTRUCTION SHALL CONFORM TO LOCAL CONSTRUCTION CODES AND STANDARDS
9. GRADE ADJACENT LANDSCAPE AREAS TO MAX 1:4 (UNLESS OTHERWISE NOTED) SLOPE AWAY FROM NEW SIDEWALK / SLAB TO EXISTING GRADE. RE-SOD LANDSCAPE AREAS AFTER RE-GRADING.

## 2 TYPICAL ALUMINUM PICKET FENCE DETAIL

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

## 5 TYPICAL CONCRETE SIDEWALK DETAIL

SCALE: NOT TO SCALE

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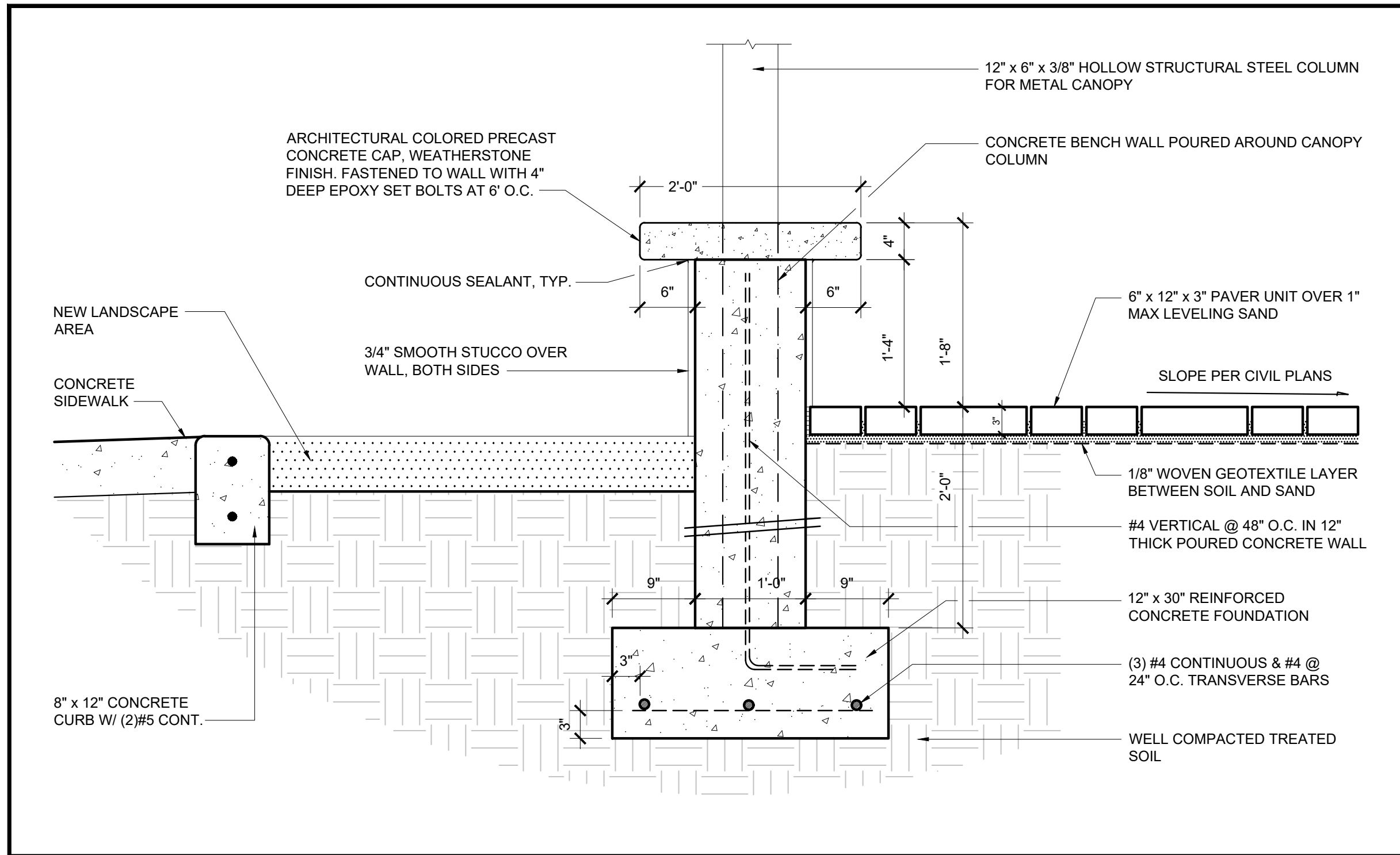
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CHECKED BY: AZ  
DATE: 08-21-2023  
REVISIONS:  
10-23-23 PERMIT CO-ORD  
04-03-25 OWNER COMMENTS

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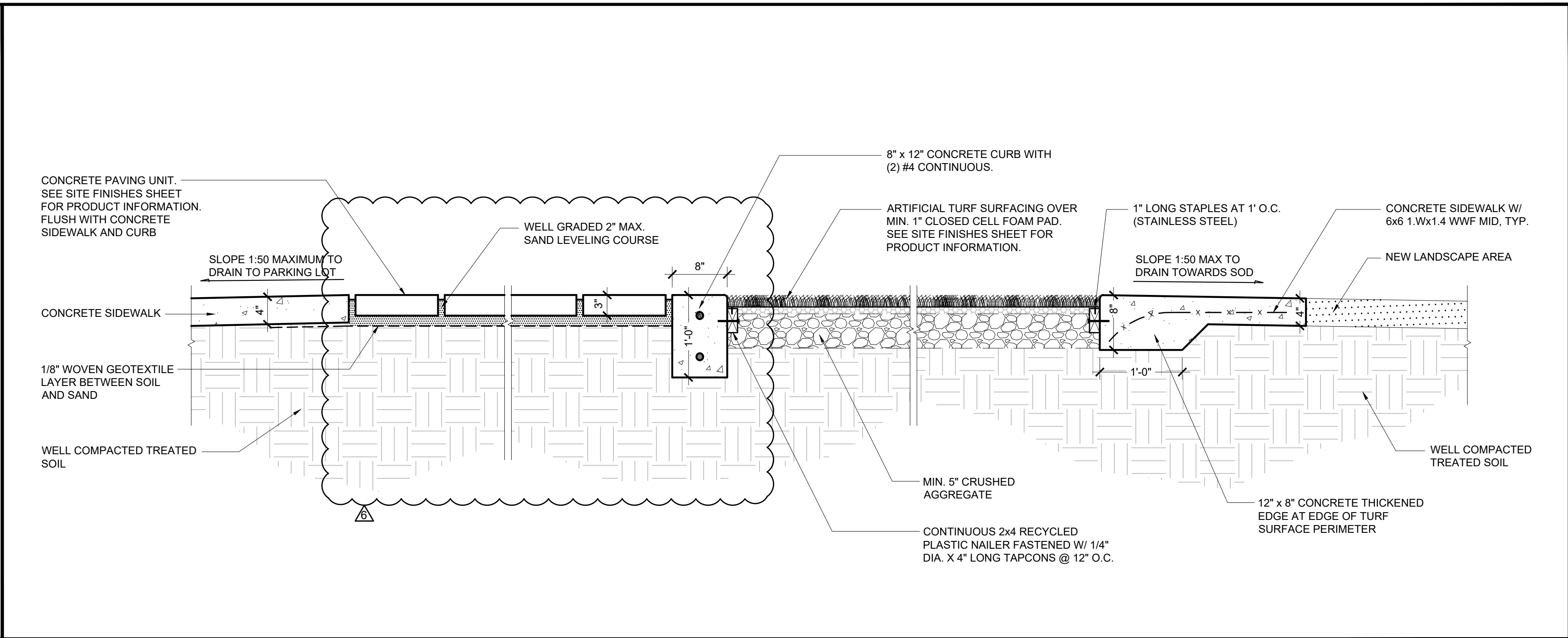
**A0.40**

SITE DETAILS

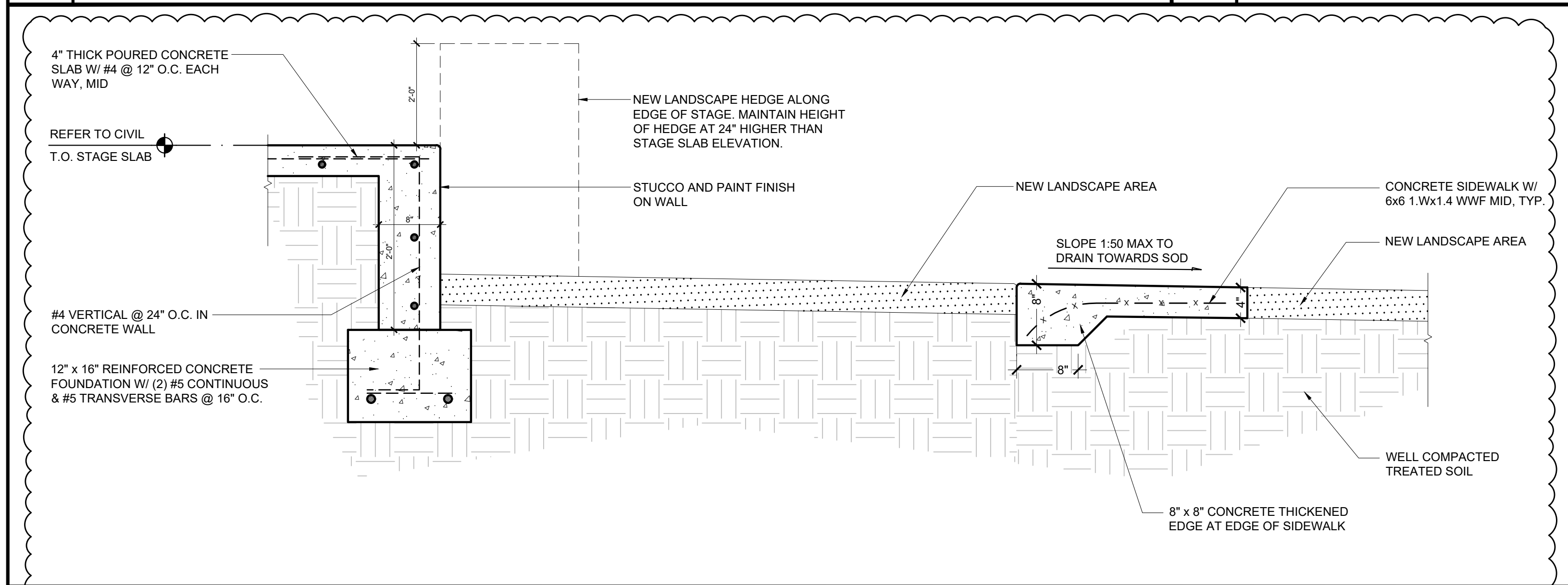




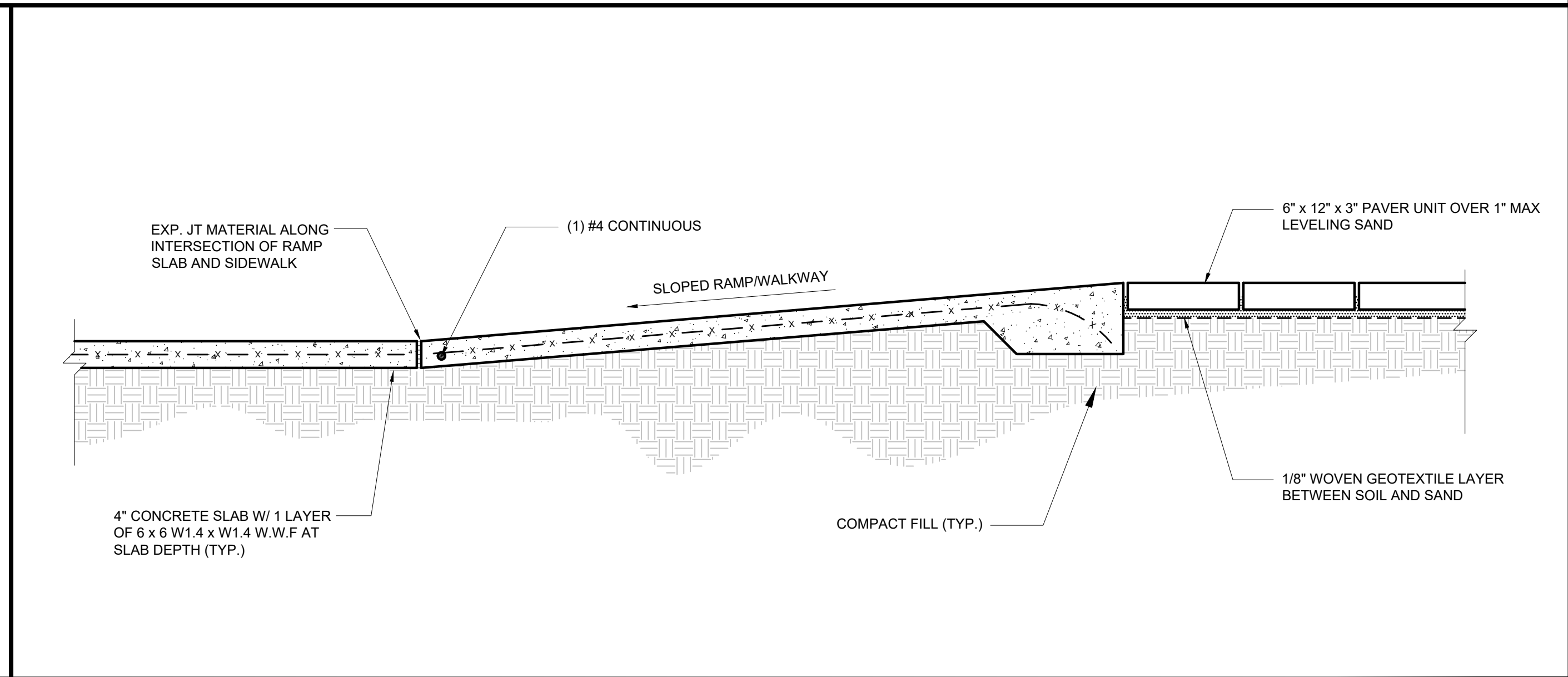
**1 CONCRETE SEATING WALL DETAIL UNDER METAL CANOPIES**  
SCALE: 1" = 1'-0"



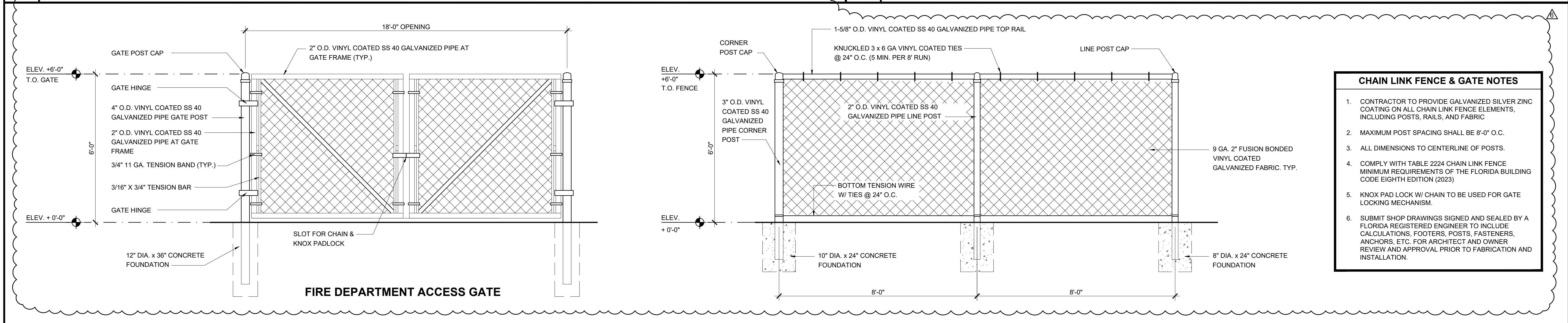
**2 TURF - CURB - PAVER INSTALLATION DETAIL**  
SCALE: 1" = 1'-0"



**3 WALL - LANDSCAPE - SIDEWALK DETAIL**  
SCALE: 1" = 1'-0"



**4 SIDEWALK - RAMP - PAVER DETAIL**  
SCALE: 1" = 1'-0"



**5 CHAINLINK FENCE & FIRE DEPARTMENT ACCESS GATE DETAIL**  
SCALE: 1/2" = 1'-0"

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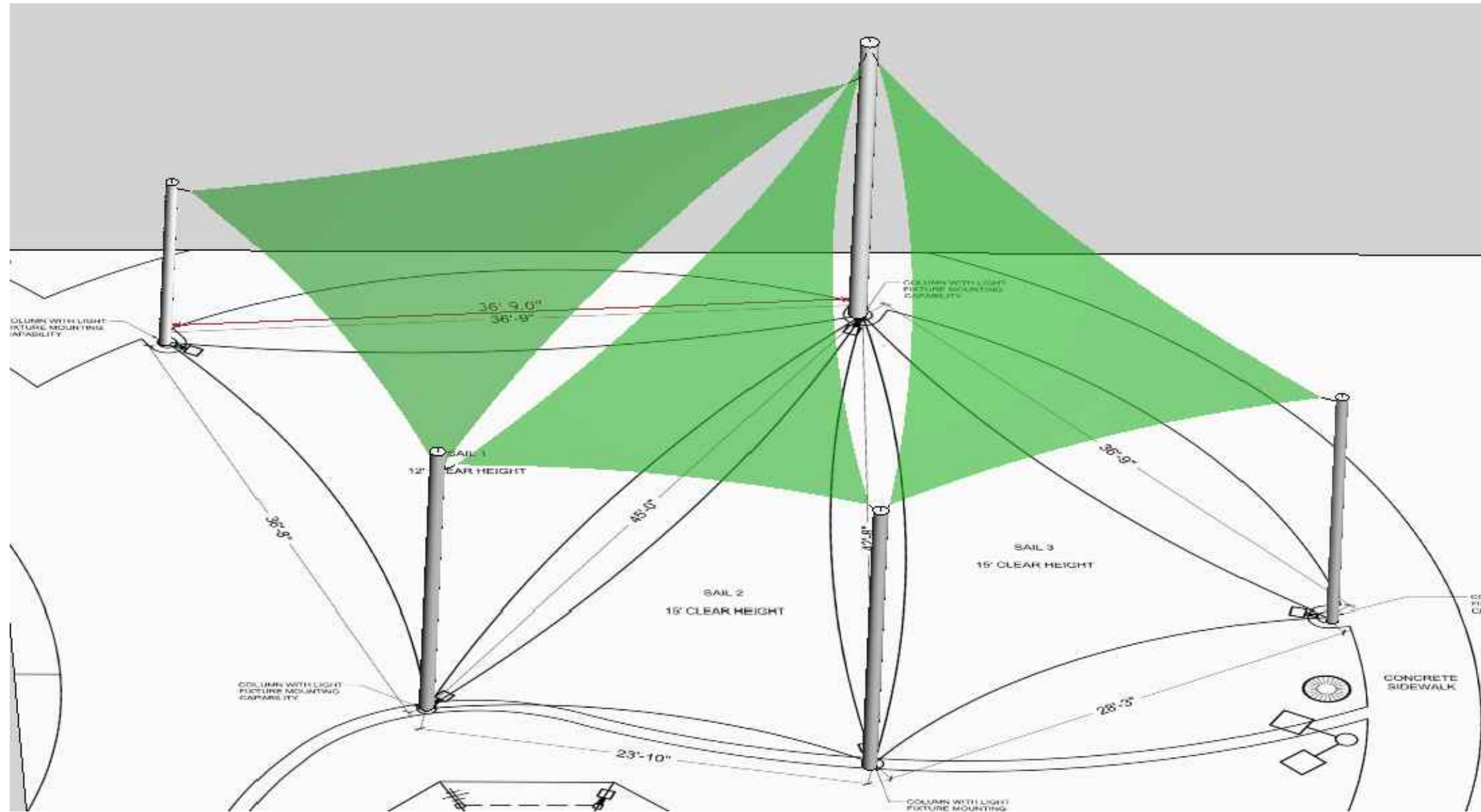
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04-03-25 OWNER COMMENTS

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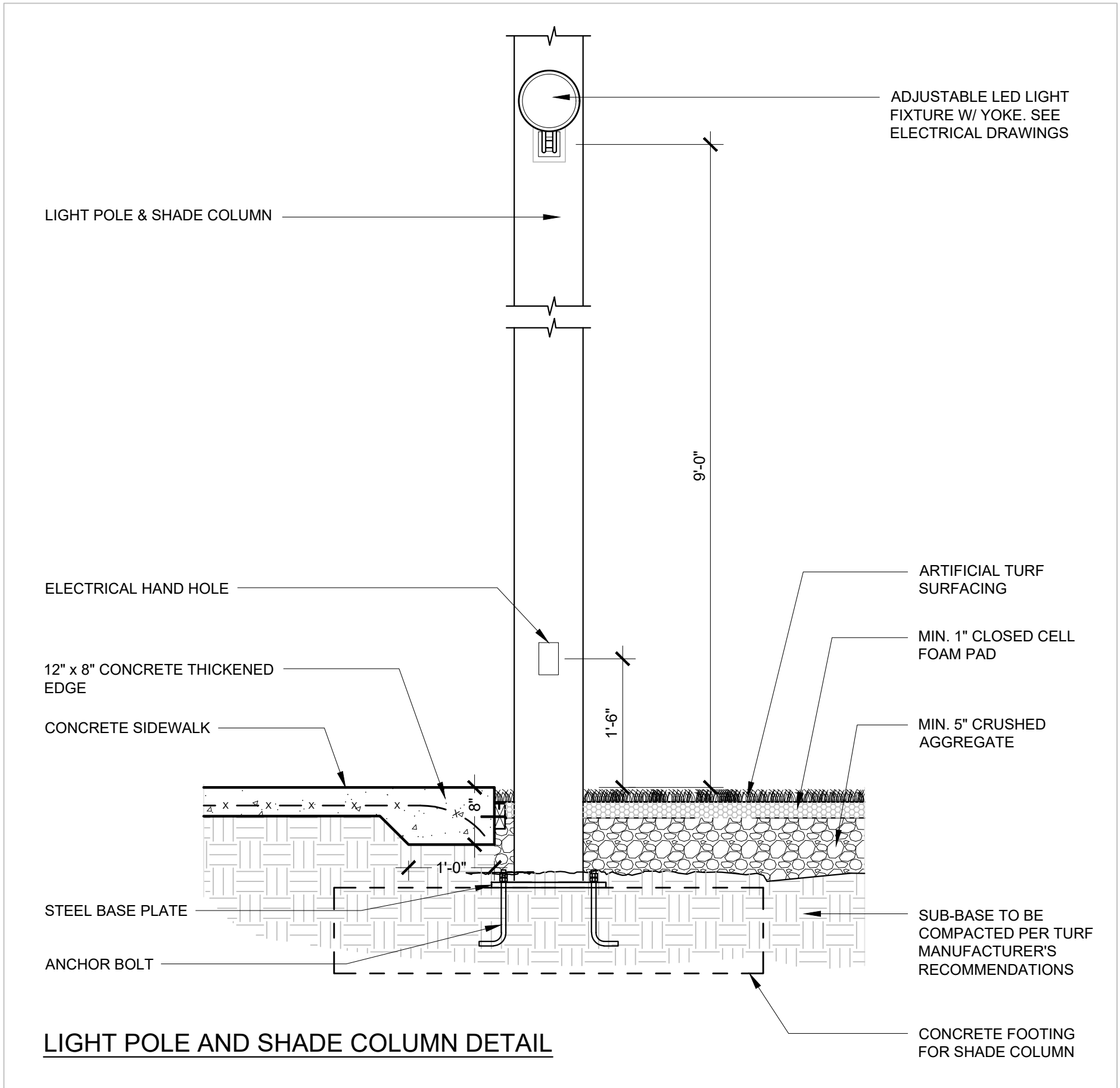
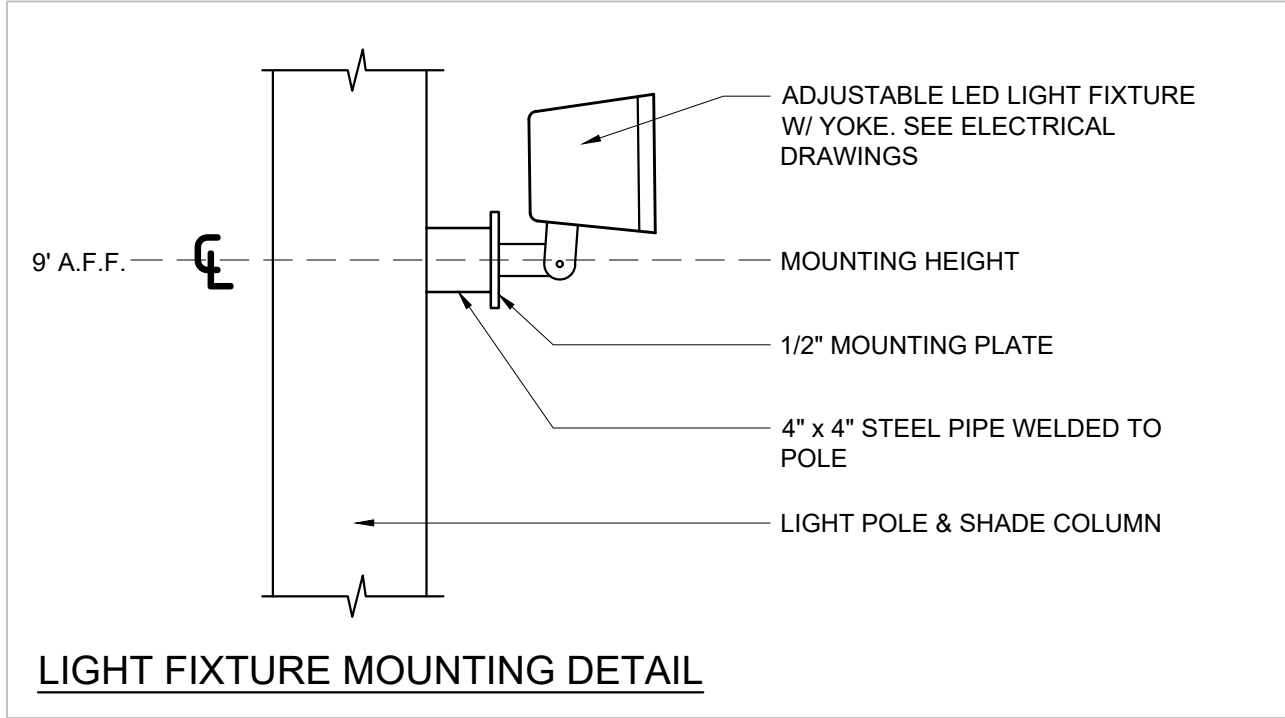






PLAY AREA SHADE STRUCTURE SCHEMATIC RENDER

PLAY AREA SHADE STRUCTURE FABRIC SAIL INFORMATION						
MARK	HEIGHT	SAIL ATTACHMENT POINTS			LIGHT FIXTURE MOUNTING HEIGHT	
		SAIL 1	SAIL 2	SAIL 3		
1	10' - 0"	9' - 8"			FIXTURE 1 : 9'-0" AFF	
2	15' - 0"	14' - 0"	13' - 6"	13' - 6"	FIXTURE 2 : 9'-0" AFF	
3	14' - 0"	13' - 0"	12' - 0"		FIXTURE 3 : 9'-0" AFF & FIXTURE 4 : 9'-0" AFF	
4	13' - 0"			12' - 6"	FIXTURE 5 : 9'-0" AFF	
5	12' - 0"		11' - 6"	11' - 0"	FIXTURE 6 : 9'-0" AFF & FIXTURE 7 : 9'-0" AFF	



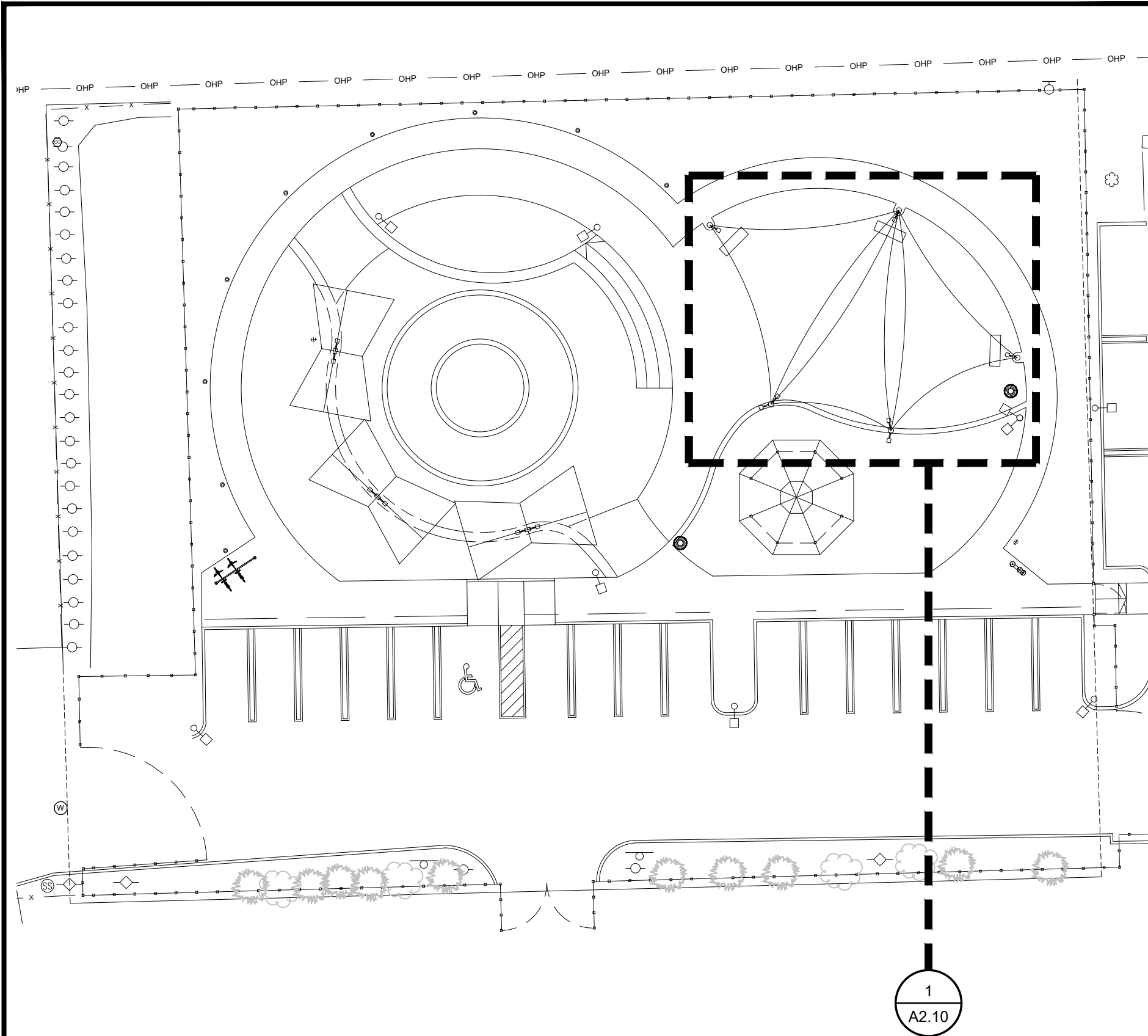
NOTE:

BASIS OF DESIGN FOR THE SHADE STRUCTURE SHALL BE CUSTOM SHADE SAILS BY SUPERIOR RECREATIONAL PRODUCTS, CARROLTON, GEORGIA.

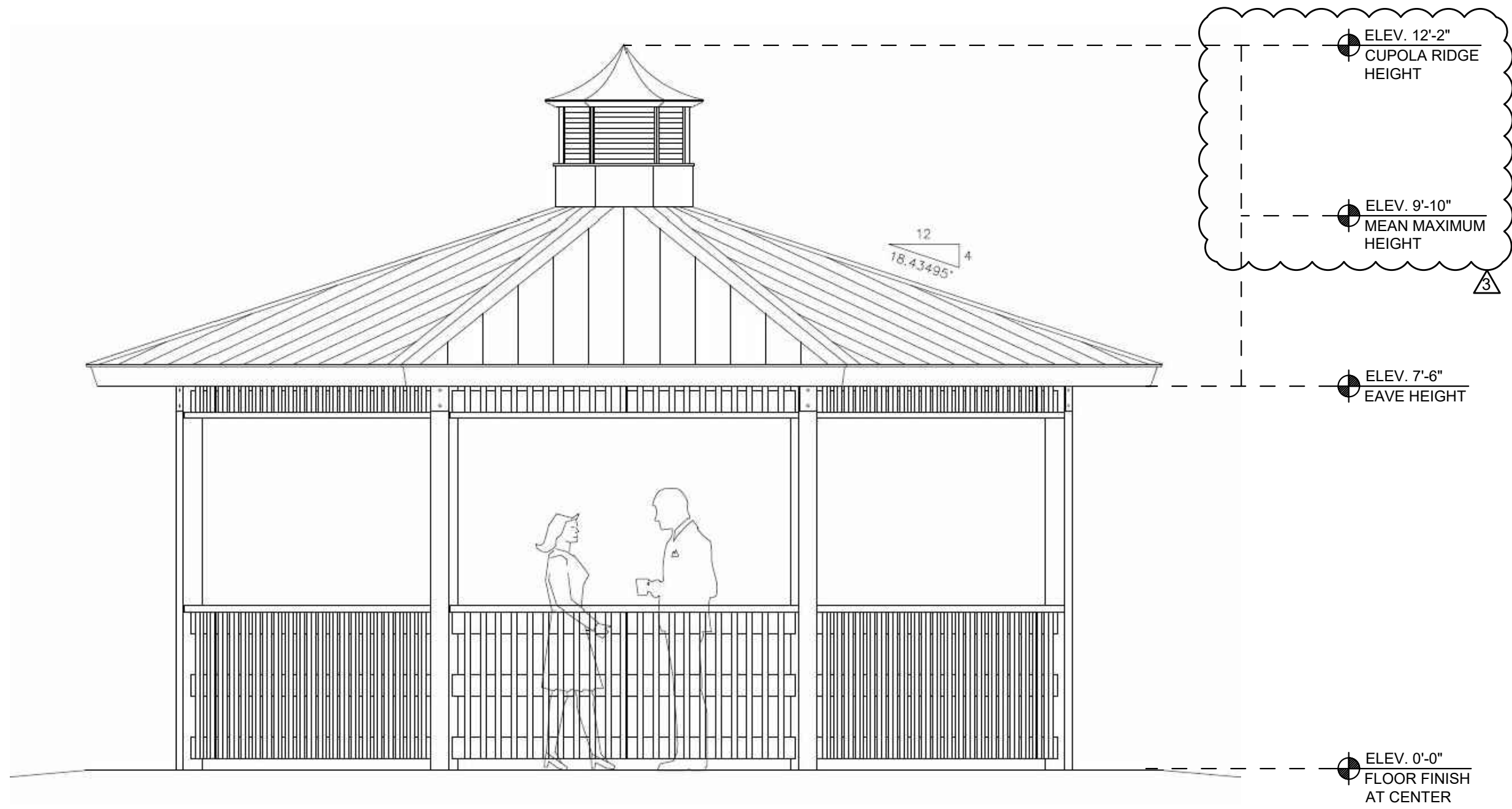
CONTRACTOR SHALL PROVIDE SIGNED AND SEALED ENGINEERED DRAWINGS AND CALCULATIONS FOR SHADE STRUCTURE, INCLUDING FOUNDATIONS.

COLOR OF SHADE STRUCTURE COLUMNS AND FABRIC TO BE SELECTED BY OWNER.

PROVIDE CUT-OUTS AT ALL COLUMNS FOR NEW LIGHT FIXTURES. CO-ORDINATE WORK TO CONCEAL CONDUITS WITHIN HOLLOW STRUCTURAL STEEL COLUMNS. HEIGHT OF JUNCTION BOX FOR LIGHT FIXTURES SHALL BE AT 9'-0" ABOVE FINISH SURFACE.







SHELTER ELEVATION DIAGRAM FROM MANUFACTURER FOR REFERENCE



NOTE:

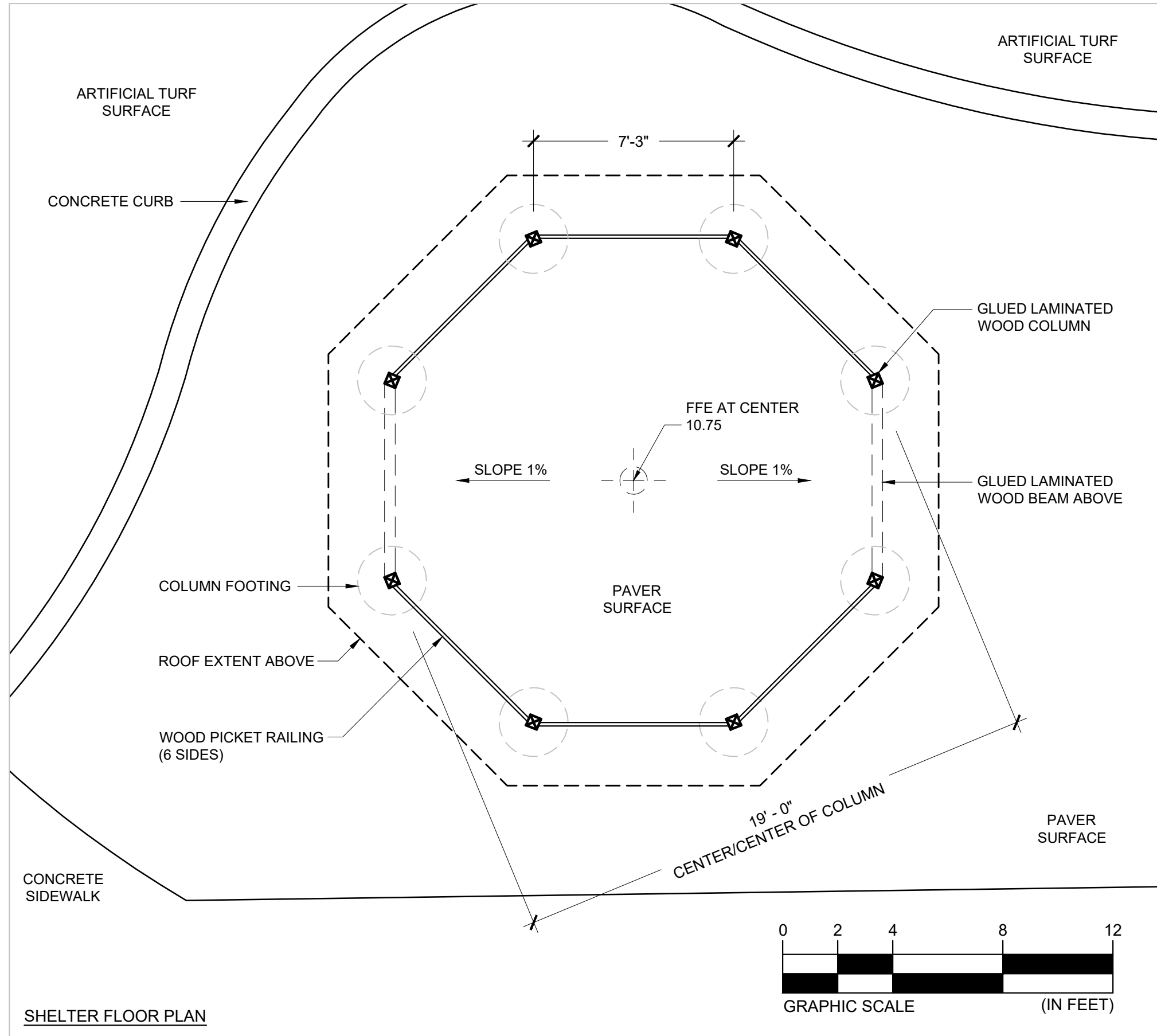
BASIS OF DESIGN FOR THE SHELTER SHALL BE "LW-OCT24-04" LAMINATED WOOD OCTAGON BY RCP SHELTERS, INC.

- 24 GAUGE SNAP FIT TRUE STANDING SEAM METAL ROOFING.
- GLUED LAMINATED WOOD BEAMS AND COLUMNS. STRUCTURAL WOOD ROOF DECK AND #1 GRADE KILN DRIED SOUTHERN YELLOW PINE FASCIA.
- WOOD PICKET STYLE RAILINGS ON 6 SIDES AND OVERHEAD ORNAMENTATION.
- FACTORY ASSEMBLED CEDAR LOUVERED WOOD CUPOLA.

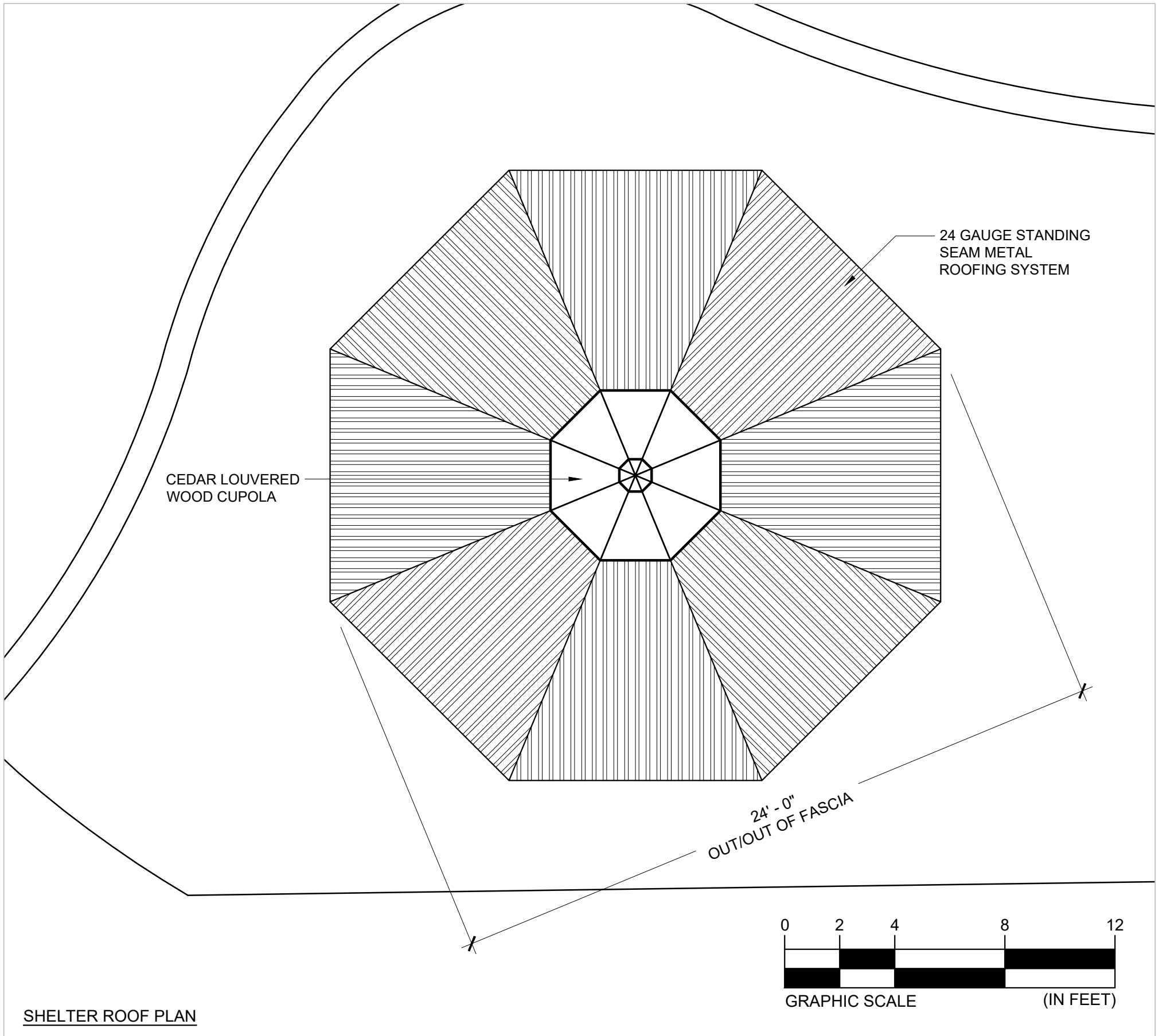
CONTRACTOR TO SUBMIT PHYSICAL FINISH COLOR SAMPLES TO OWNER FOR REVIEW PRIOR TO INSTALLATION.

MCH - MINIMUM CLEARANCE HEIGHT TO BE 7'-6"

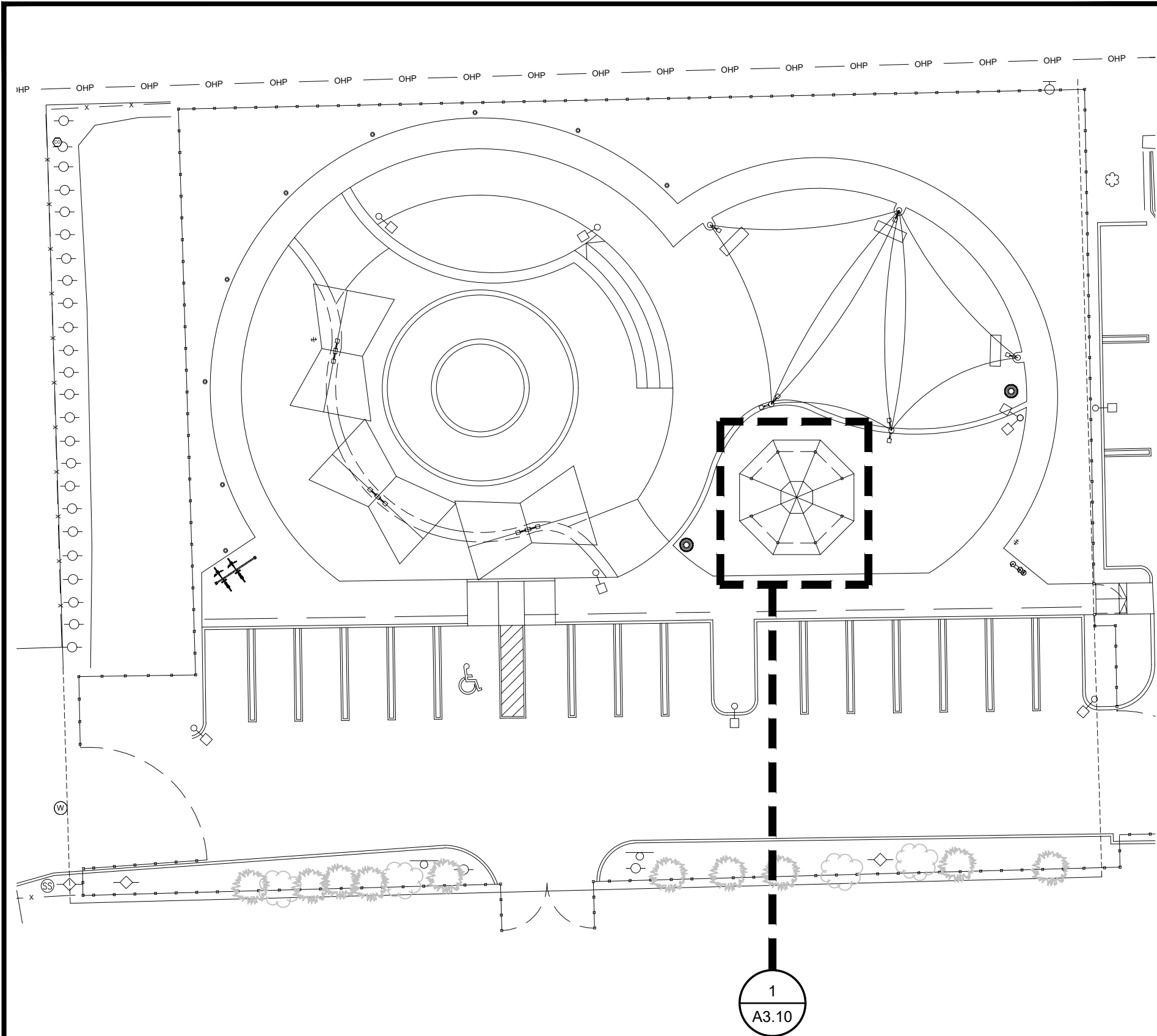
CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS FOR ARCHITECT AND OWNER REVIEW AND APPROVAL INCLUDING FOUNDATIONS.



SHELTER FLOOR PLAN



SHELTER ROOF PLAN



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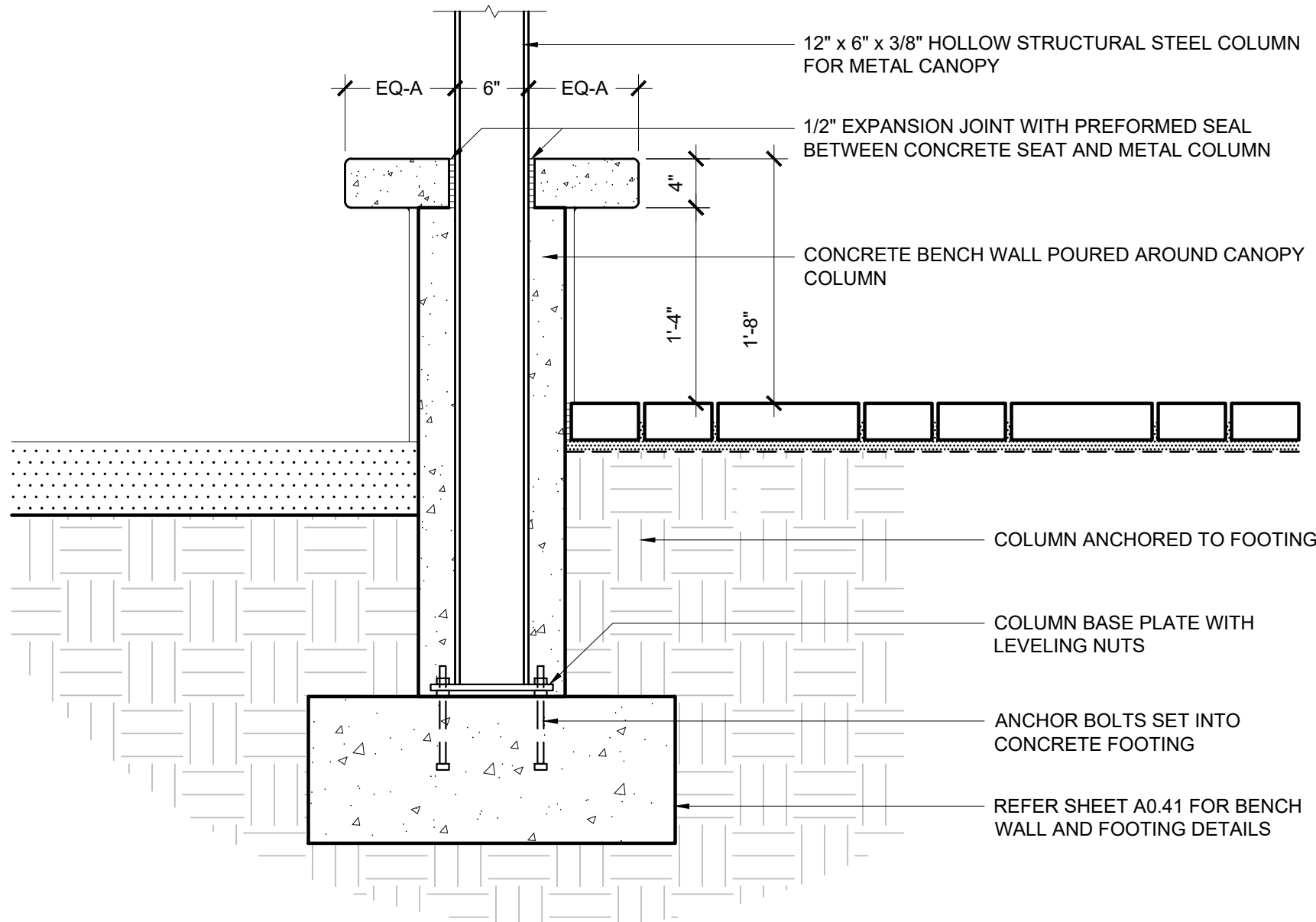
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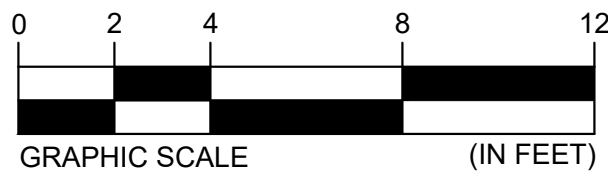
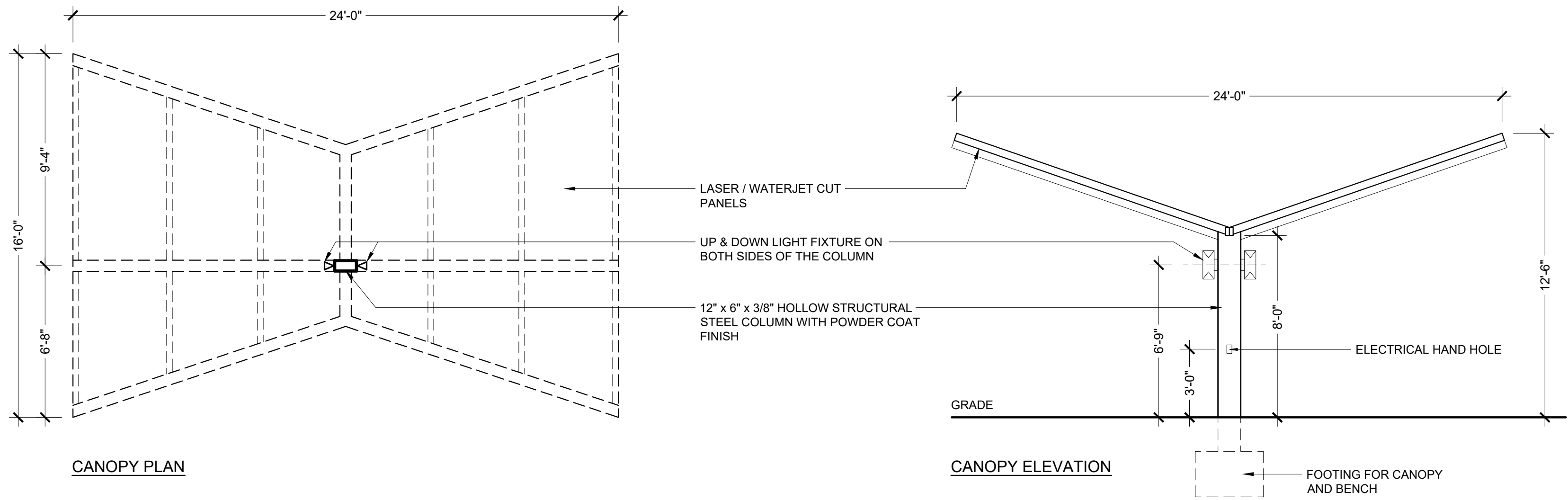
**A3.10**

SHELTER PLAN AND INFORMATION



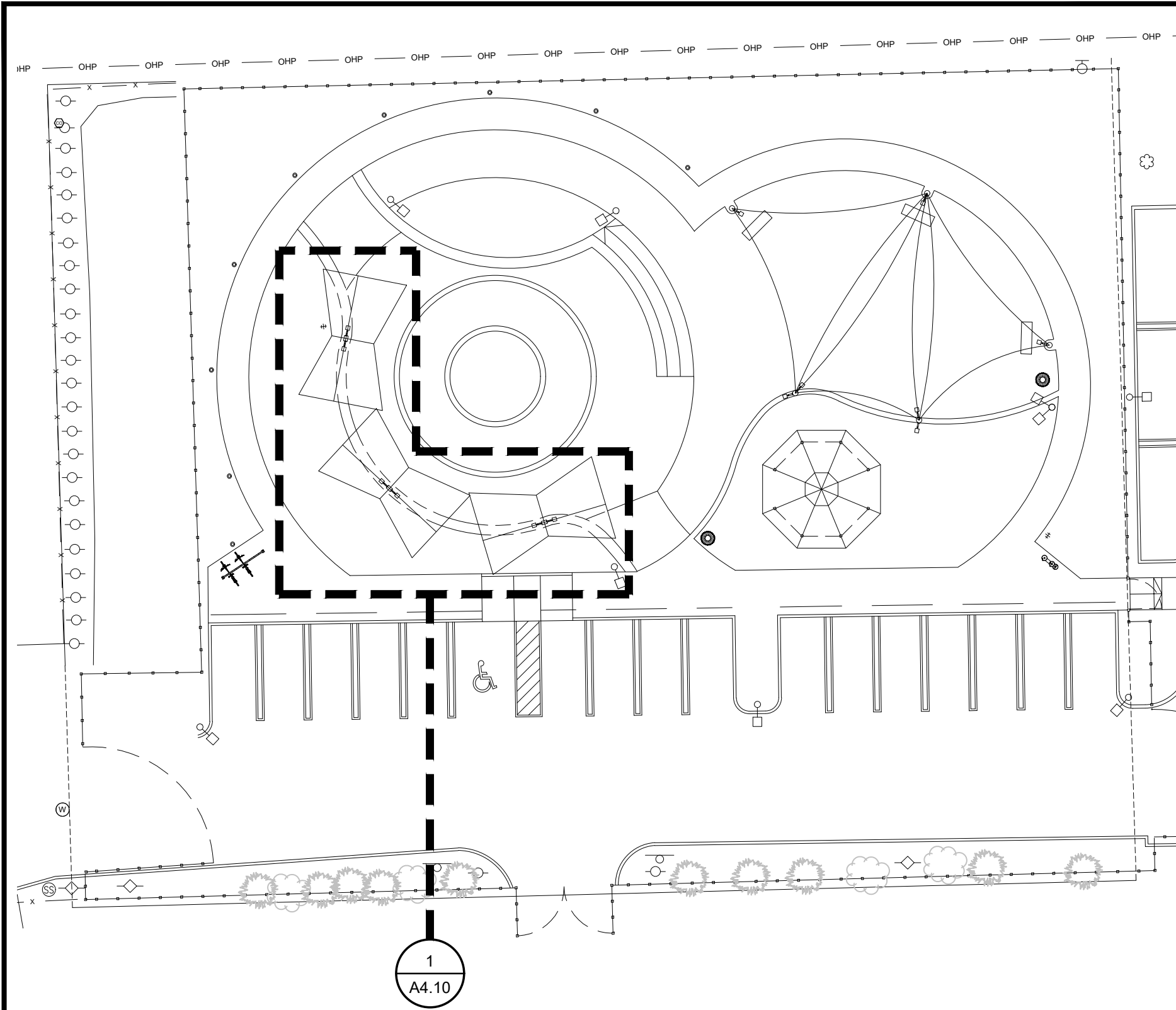


COLUMN EMBED DETAIL  
CONTRACTOR TO PROVIDE ENGINEERED SHOP DRAWINGS FOR STRUCTURAL SIZING



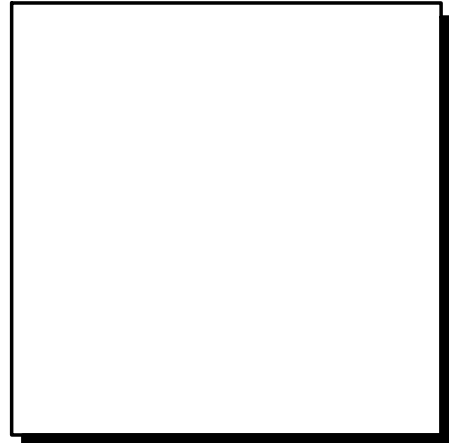
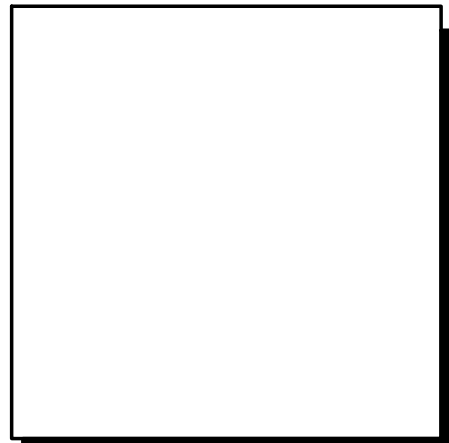
PANEL LASER / WATERJET CUT PATTERN REFERENCE

**NOTE:**  
A TOTAL OF 3 METAL CANOPIES TO BE INSTALLED IN THE PARK AS LOCATED ON THE SITE PLAN SHEET.  
ALL COMPONENTS TO BE HOLLOW STRUCTURAL STEEL WITH HOT DIPPED GALVANIZED COATING & PAINT FINISH. SEE PSPECIFICATION SECTION 09960 FOR PROTECTIVE COATINGS. FASTENERS TO BE STAINLESS STEEL.  
CANOPIES TO BE FABRICATED BY JT'S WELDING, INC. LOCATED IN HOLLYWOOD, FLORIDA, PHONE NO. (954) 894-7000 OR APPROVED EQUAL.  
CONTRACTOR TO SUBMIT CANOPY COLOR SAMPLES AND LASER / WATERJET CUT PATTERN TO OWNER FOR APPROVAL.  
MCH - MINIMUM CLEARANCE HEIGHT TO BE 8'-0" AT CENTER OF CANOPY  
CONTRACTOR TO SUBMIT ENGINEERED SHOP DRAWINGS FOR ARCHITECT AND OWNER REVIEW AND APPROVAL INCLUDING FOUNDATIONS.  
SEE ELECTRICAL DRAWINGS FOR INFORMATION ON LIGHTING FIXTURES AND POWER. CONDUITS FOR SURFACE MOUNTED LIGHT FIXTURES TO BE ROUTED FROM INSIDE THE COLUMN.



**1 METAL CANOPY PLAN AND ELEVATION**  
SCALE: 1/4" = 1'-0"

**2 KEY PLAN**  
SCALE: NOT TO SCALE



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**CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
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2669 N FEDERAL HWY,  
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DRAWN BY: JA  
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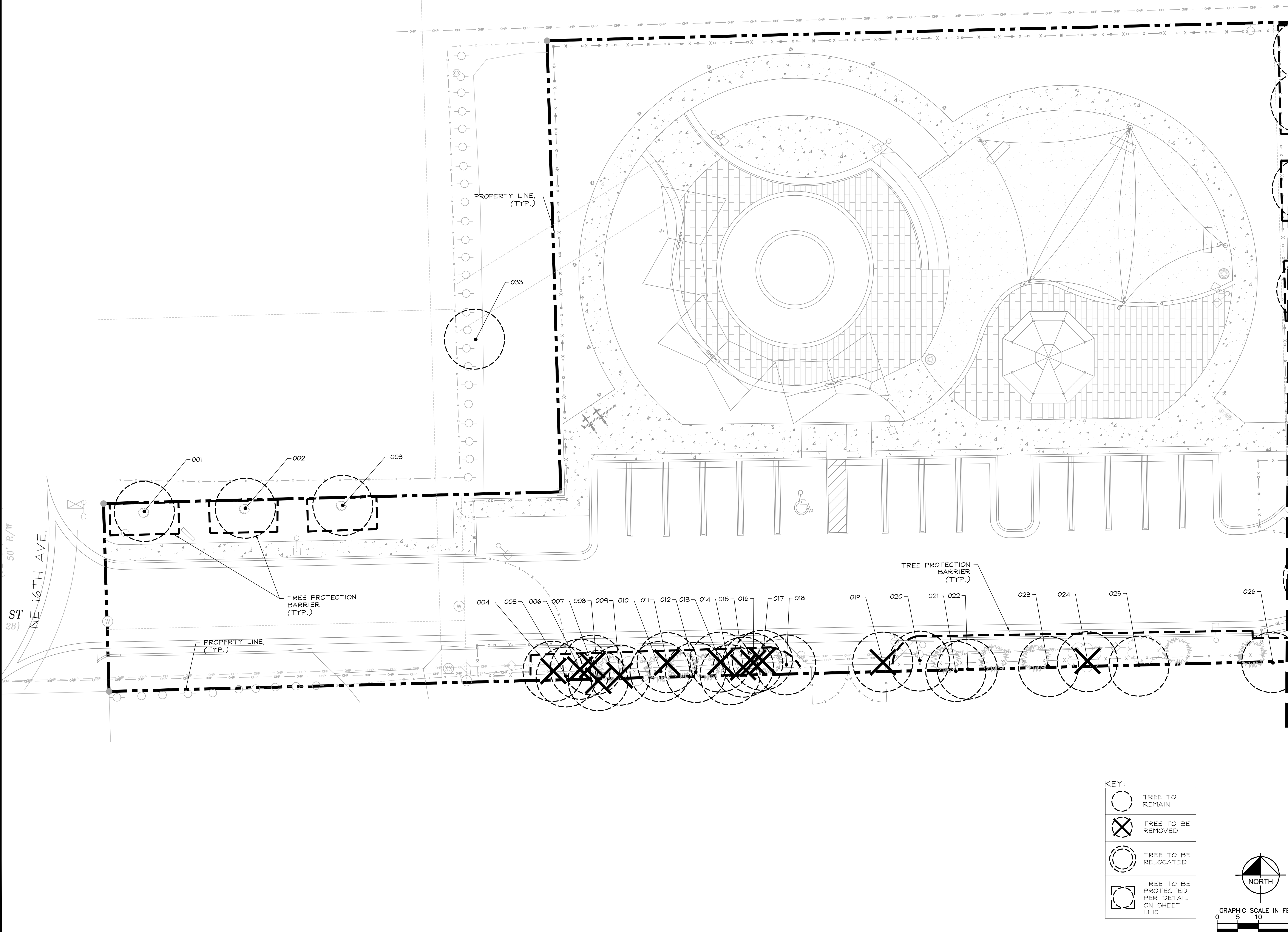
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METAL CANOPY AND INFORMATION



Plotted By: Torres, Tommy Sheet Set: Charlotte Burrie Park Layout: L1.00 TREE DISPOSITION April 07, 2025 08:43:55am K:\WPB\URGS\04\310008- charlotte burrie park\CAD\plansheets\L1.00 Tree Disposition.dwg



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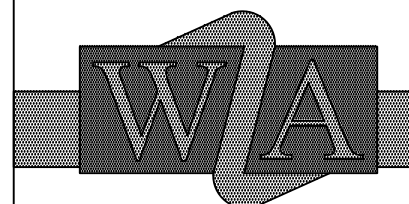
PROJECT LANDSCAPE ARCHITECT:

THOMAS C. HARGRETT, PLA

FL LICENSE NUMBER

LA #6667512

04/07/2025



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CHECKED BY: TH

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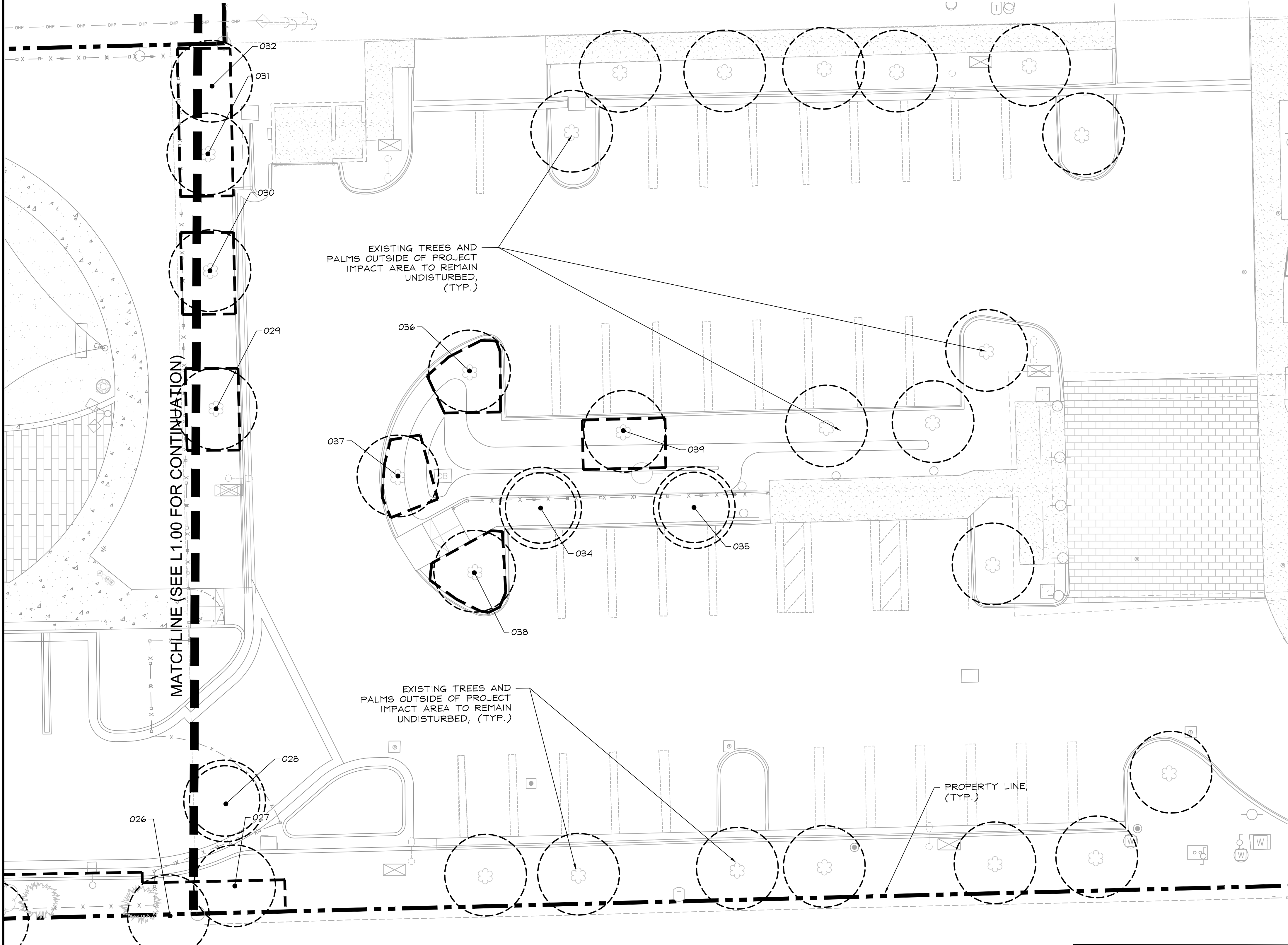
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**L1.00**

TREE DISPOSITION PLAN



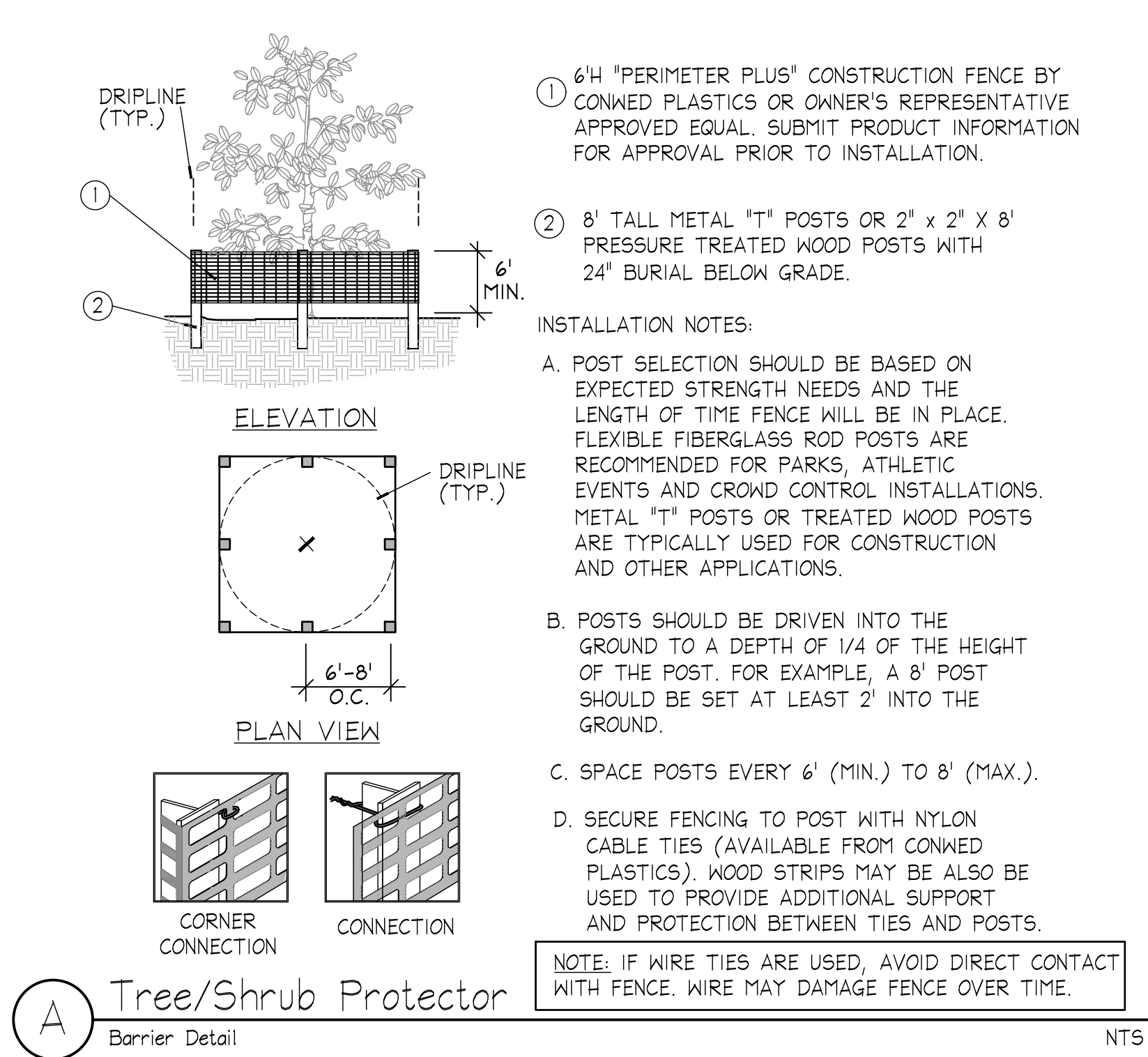
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	Common Name	Scientific Name	DBH (in)	Height (in)	Condition Rating	SURVEY SHEET	Comments	Disposition	Appraised Value
1	Live Oak	Quercus virginiana	18	NA	80%	4	Specimen	Protect	\$3,392
2	Live Oak	Quercus virginiana	15	NA	85%	4		Protect	NA
3	Live Oak	Quercus virginiana	19	NA	80%	4	Specimen	Protect	\$3,718
4	Dead Tree		7	NA	0%	4	Dead tree	Remove	NA
5	Cabbage Palm	Sabal palmetto	19	10	90%	4		Protect	\$405
6	*Carrotwood	Cupaniopsis anacardioides	7	NA	25%	4	Cat. 1 Invasive	Remove	NA
7	*Carrotwood	Cupaniopsis anacardioides	4	NA	0%	4	Cat. 1 Invasive	Remove	NA
8	*Brazilian Pepper	Schinus terebinthifolia	15	NA	0%	4	Cat. 1 Invasive	Remove	NA
9	Carrotwood	Cupaniopsis anacardioides	4	NA	0%	4	Cat. 1 Invasive	Remove	NA
10	Cabbage Palm	Sabal palmetto	14	18	85%	4		Protect	NA
11	*Carrotwood	Cupaniopsis anacardioides	5	0	0%	4	Cat. 1 Invasive	Remove	NA
12	Cabbage Palm	Sabal palmetto	13	20	90%	4		Protect	NA
13	*Carrotwood	Cupaniopsis anacardioides	6	NA	0%	4	Cat. 1 Invasive, dead tree	Remove	NA
14	Cabbage Palm	Sabal palmetto	17	24	80%	4		Protect	NA
15	*Carrotwood	Cupaniopsis anacardioides	3	NA	0%	4	Cat. 1 Invasive	Remove	NA
16	*Carrotwood	Cupaniopsis anacardioides	9	NA	0%	4	Cat. 1 Invasive	Remove	NA
17	*Carrotwood	Cupaniopsis anacardioides	4	NA	0%	4	Cat. 1 Invasive	Remove	NA
18	Cabbage Palm	Sabal palmetto	15	12	80%	4		Protect	NA
19	Strangler Fig	Ficus aurea	18	NA	50%	5		Remove	\$870
20	Cabbage Palm	Sabal palmetto	21	28	65%	5	Specimen	Protect	\$293
21	Cabbage Palm	Sabal palmetto	15	22	80%	5		Protect	NA
22	Cabbage Palm	Sabal palmetto	14	24	75%	5		Protect	NA
23	Cabbage Palm	Sabal palmetto	15	26	80%	5		Protect	NA
24	*Carrotwood	Cupaniopsis anacardioides	15	NA	0%	5	Cat. 1 Invasive	Remove	NA
25	Cabbage Palm	Sabal palmetto	18	26	55%	5	With Growing Umbrella Tree	Protect	\$248

TREE DISPOSITION SUMMARY	
TREES TO REMAIN:	12
TREES TO BE RELOCATED:	3
INVASIVE/DEAD TO BE REMOVED:	11
TREES TO BE REMOVED:	1
PALMS TO REMAIN:	12
PALMS TO BE RELOCATED:	0
PALMS TO BE REMOVED:	0

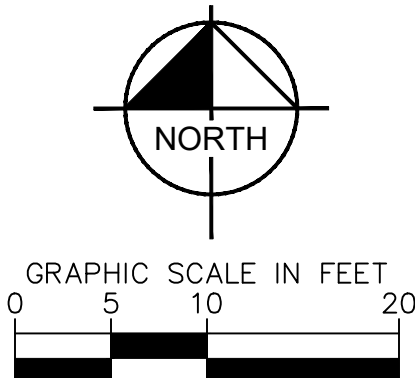
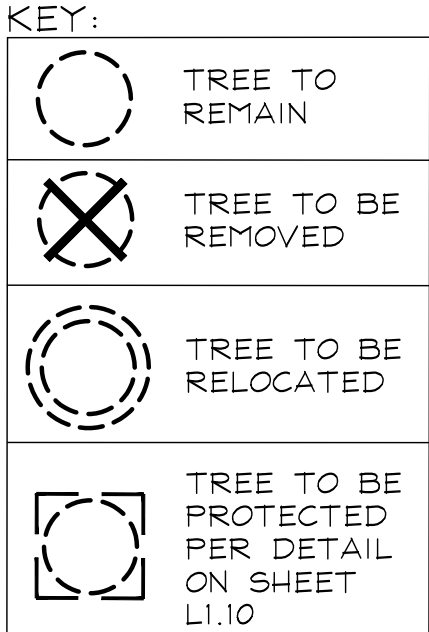
26	Cabbage Palm	Sabal palmetto	14	20	95%	5		Protect	NA
27	Silver Buttonwood	Conocarpus erectus v. sericeus	8	NA	90%	5	8 Multi-trunk	Protect	NA
28	Tipu Tree/Pride of Bolivia	Tipuana Tipu	6	NA	95%	5		Relocate	NA
29	Live Oak	Quercus virginiana	5	NA	90%	5		Protect	NA
30	Live Oak	Quercus virginiana	5	NA	95%	5		Protect	NA
31	Live Oak	Quercus virginiana	4	NA	95%	5		Protect	NA
32	Tipu Tree/Pride of Bolivia	Tipuana Tipu	6	NA	90%	5		Protect	NA
33	Cabbage Palm	Sabal palmetto	8	10	95%	4	"Pup"	Protect	NA
34	Gumbo Limbo	Bursera simaruba	9	NA	Not Provided			Relocate	Not Provided
35	Gumbo Limbo	Bursera simaruba	8	NA	Not Provided			Relocate	Not Provided
36	Wild Tamarind	Lysiloma latisilquum	8	NA	Not Provided			Protect	Not Provided
37	Wild Tamarind	Lysiloma latisilquum	7	NA	Not Provided			Protect	Not Provided
38	Wild Tamarind	Lysiloma latisilquum	7	NA	Not Provided			Protect	Not Provided
39	Gumbo Limbo	Bursera simaruba	7	NA	Not Provided			Protect	Not Provided
Total Appraised									\$8,926



- ROOT PRUNING**
- THE LANDSCAPE ARCHITECT HAS OBSERVED TREES THAT COULD BE IMPACTED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
  - IF CONSTRUCTION ACTIVITIES OCCUR WITHIN THE DRIPLINE (OR THE HORIZONTAL EXTENT OF THE CANOPY) OF A TREE, THEN THAT TREE IS A CANDIDATE FOR ROOT PRUNING.
  - ROOT PRUNING MUST OCCUR PRIOR TO TRENCHING OPERATIONS TO INSURE THAT THE ROOTS ARE CUT CLEAN AND AT PROPER ANGLES AND NOT MECHANICALLY RIPPED FROM THE EARTH DURING CONSTRUCTION.
  - FOR TREES REQUIRING ROOT PRUNING, A TREE ASSESSMENT SHALL BE CONDUCTED AND A ROOT-PRUNING PLAN SHALL BE DEVELOPED BY A CERTIFIED ARBORIST OR CONSULTING ARBORIST. THIS PLAN SHOULD IDENTIFY:
    - MAXIMUM ALLOWABLE SIZE OF ROOTS TO BE CUT
    - ALLOWABLE PROXIMITY TO THE TRUNK FOR CUTS
    - TIME OF YEAR WHEN ROOT CUTTING IS ALLOWABLE (NOTE: IN FLORIDA, IT IS BEST TO AVOID ROOT PRUNING DURING TIMES OF THE MAY THROUGH SEPTEMBER, WHEN THE POTENTIAL FOR DAMAGING WIND LOADS ON TREES ARE GREATEST.)
    - METHOD FOR MAKING CUTS
    - MITIGATING CANOPY PRUNING
    - TYPE AND EXTENT OF NECESSARY STRUCTURAL SUPPORT
    - SCHEDULE FOR WATERING/FERTILIZATION AFTER PRUNING

**TREE/PALM RELOCATION NOTES**

- TREES/PALMS SHALL BE RELOCATED ONCE FROM THEIR PRESENT LOCATION TO A DESIGNATED LOCATION ON THE LANDSCAPE PLAN. RELOCATION ACTIVITIES WILL INCLUDE PLANTING ON SLOPES AND/OR LEVEL GRADE.
- AN ISA - CERTIFIED ARBORIST OR A CERTIFIED LANDSCAPE CONTRACTOR CERTIFIED BY THE FLORIDA NURSERYMEN AND GROWERS ASSOCIATION SHALL PERFORM AND MONITOR ALL PALM ROOT PRUNING AND RELOCATION ACTIVITIES.
- LANDSCAPE SPECIFICATIONS PROVIDED IN THIS CONSTRUCTION SET SHALL APPLY TO ALL RELOCATED TREES AND/OR PALMS.
- CONTRACTOR SHALL STAKE AND GUY ALL PALMS AT THE TIME OF TRANSPLANT AS PER DETAILS PROVIDED IN THIS CONSTRUCTION SET. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF STAKING AND GUYING DURING THE WARRANTY PERIOD. ALL PALMS SHALL BE BRACED AT LEAST ONE (1) YEAR OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- SOIL BACKFILL FOR THE INSTALLATION OF TREES/PALMS SHALL BE UNIFORM MIX OF 25% WELL-ROTTED COMPOST AND 75% CLEAN, WEED-FREE LOOSENED NATIVE SOIL BACKFILL.
- CONTRACTOR SHALL SUBMIT MANUFACTURERS CERTIFIED ANALYSIS FOR SOIL AMENDMENTS TO THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PAY TO HAVE THE BACKFILL LAB TESTED IF REQUESTED BY THE OWNER'S REPRESENTATIVE.
- REFER TO STAKING DETAIL B AND F SHEET L2.II.



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THOMAS C. HARGRETT, PLA  
  
FL LICENSE NUMBER  
LA #6667512  
04/07/2025

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2203  
  
**L1.10**  
TREE DISPOSITION PLAN



PLANT SCHEDULE

CODE COMMON NAME

TREES

BS Gumbo Limbo  
BSR Gumbo Limbo  
CB Silver Buttonwood  
PE Alexander Palm  
QV Southern Live Oak  
TR Tipuana Tipu

SHRUBS

AL Lemon Bromeliad  
CM Mammy Groton  
CR Red Tip Coco Plum  
DG Golden Dewdrops  
HF Fiesta Tropical Hibiscus  
PM Podocarpus  
ZI Coontie

SHRUB AREAS

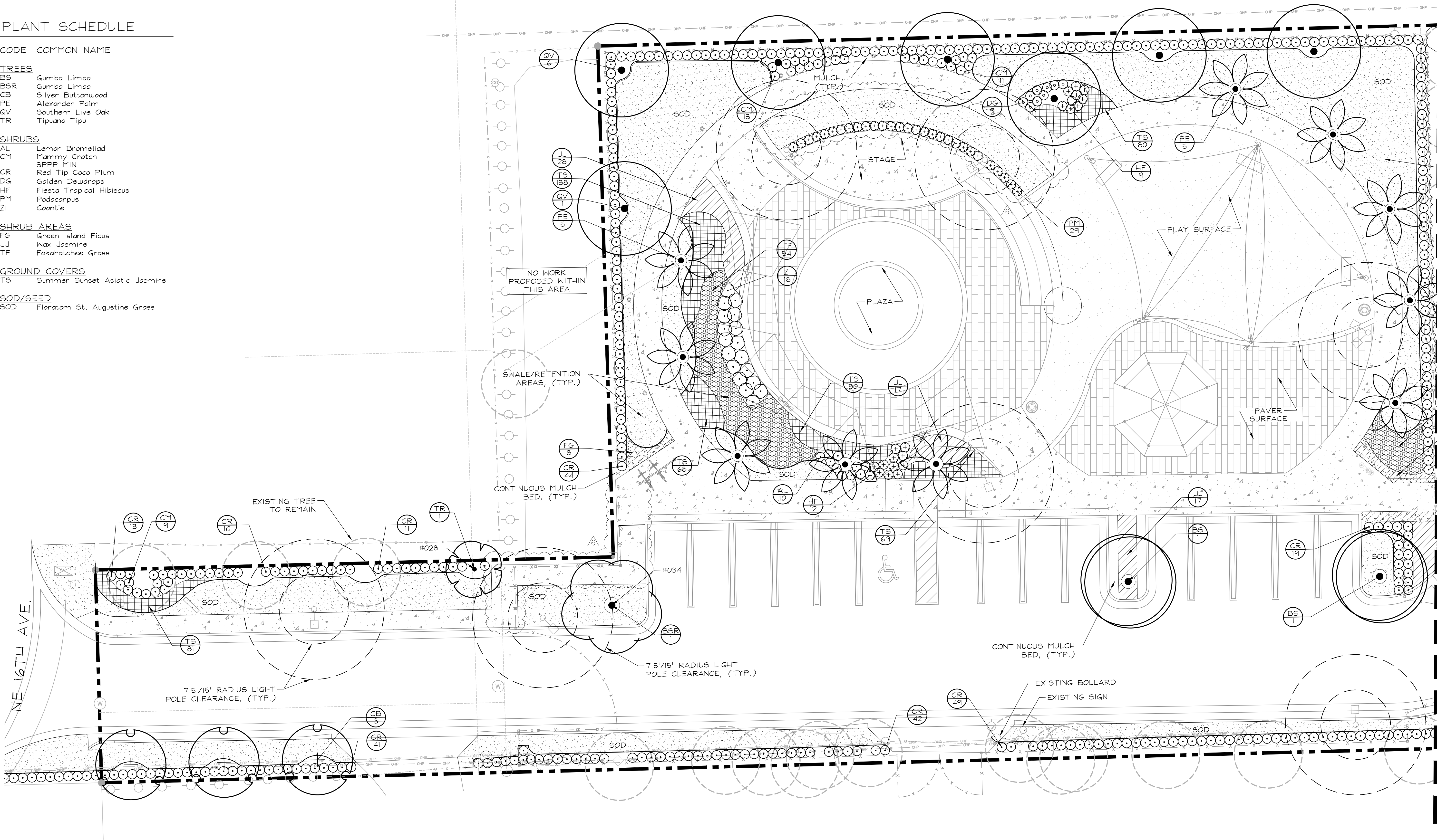
FG Green Island Ficus  
JJ Max Jasmine  
TF Fakahatchee Grass

GROUND COVERS

TS Summer Sunset Asiatic Jasmine

SOD/SEED

SOD Floratam St. Augustine Grass



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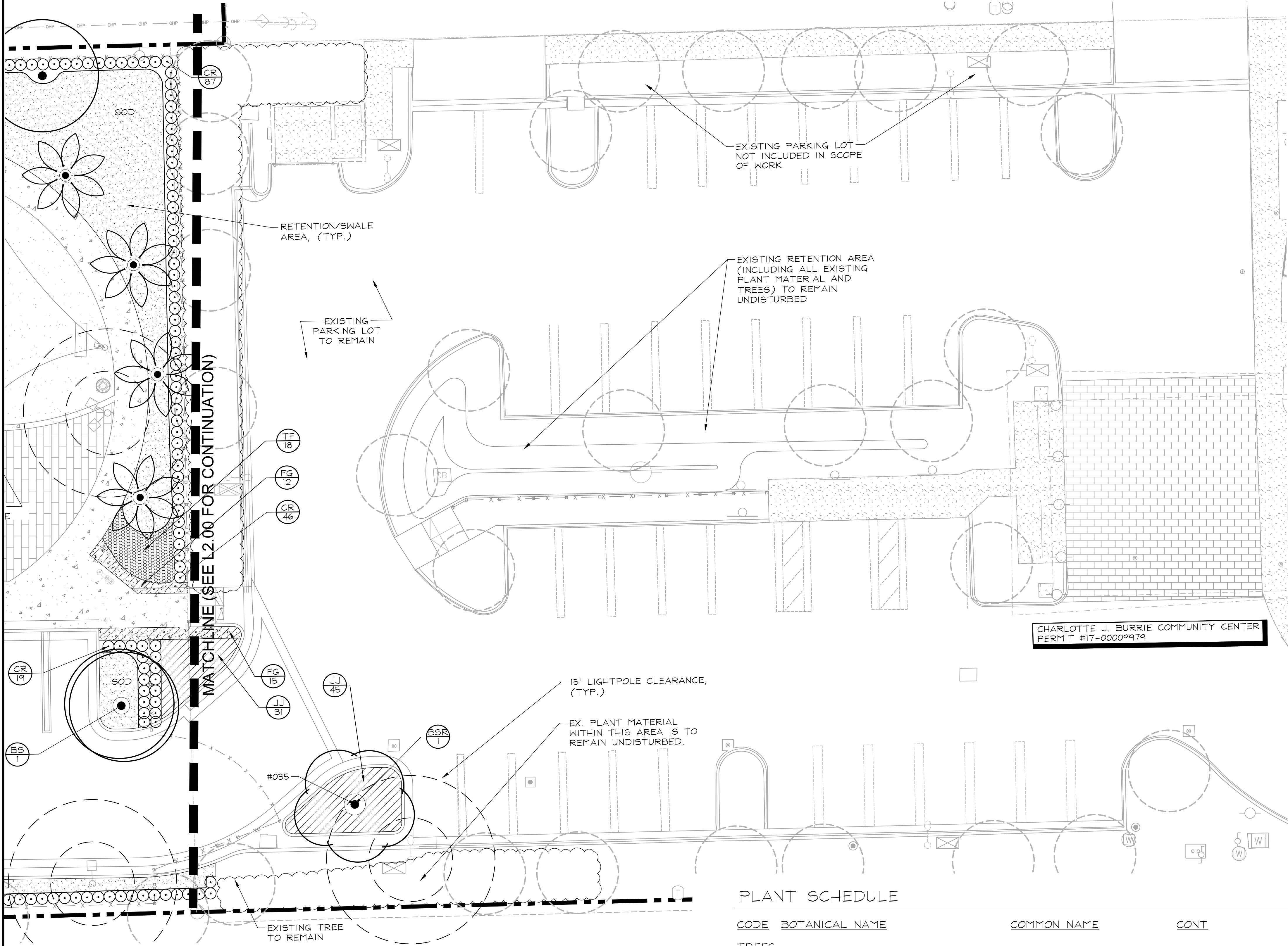
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LANDSCAPE PLAN



Plotted By: Torrea, Tammy Sheet Set: Charlotte Burrie Park Layout: L2.10 LANDSCAPE PLAN April 07, 2025 08:52:52am K:\WPB\URGG\04\3310008-- charlotte burrie park\CAD\lansheets\L1.00 LANDSCAPE PLAN.dwg



## PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT TOL.	QTY
<strong>TREES</strong>								
BS	Bursera simaruba	Gumbo Limbo	F.G.	3" Cal.	16' HT x 5' SPR	Yes	Yes	2
BSR	Bursera simaruba	Gumbo Limbo	Relocated					2
CB	Conocarpus erectus f. sericeus	Silver Buttonwood	F.G.	2" Cal.	12' HT x 4' SPR	Yes	Yes	3
PE	Ptychosperma elegans	Alexander Palm	F.G.	16" OA		No	Yes	10
QV	Quercus virginiana	Southern Live Oak	F.G.	4" Cal.	16' HT x 6' SPR	Yes	Yes	7
TR	Tipu Tree	Tipuana Tipu	Relocated					1
<strong>SHRUBS</strong>								
AL	Aechmea blanchetiana 'Lemon'	Lemon Bromeliad	Cont.	24" O.C.	18" HT	No	Yes	10
CM	Codiaeum variegatum 'Mammy'	Mammy Croton	Cont.	24" O.C.	15"x15"	No	Yes	33
CR	Chrysobalanus icaco 'Red Tip'	Red Tip Coco Plum	Cont.	24" O.C.	24"x24"	Yes	Yes	362
DG	Duranta erecta	Golden Dewdrops	Cont.	24" O.C.	15"x15"	No	Yes	9
HF	Hibiscus rosa-sinensis 'Fiesta'	Fiesta Tropical Hibiscus	Cont.	24" O.C.	18"x18"	No	Yes	21
PM	Podocarpus macrophyllus	Podocarpus	Cont.	24" O.C.	4' HT	No	Yes	29
ZI	Zamia integrifolia	Coontie	30" HT. X 30" SPR.	30" O.C.				18
<strong>SHRUB AREAS</strong>								
FG	Ficus microcarpa 'Green Island'	Green Island Ficus	Cont.	24" O.C.	15"x15"	No	Yes	35
JJ	Jasminum volubile	Wax Jasmine	Cont.	24" O.C.	15"x15"	No	Yes	138
TF	Tripsacum dactyloides	Fakahatchee Grass	Cont.	30" O.C.	18" HT. X 18" SPR.	Yes	Yes	72
<strong>GROUND COVERS</strong>								
TS	Trachelospermum asiaticum 'Summer Sunset'	Summer Sunset Asiatic Jasmine	Cont.	12" O.C.	12"x12"	No	Yes	516
<strong>SOD/SEED</strong>								
SOD	Stenotaphrum secundatum 'Floratam'	Floratam St. Augustine Grass	Sod					±5,146 sf

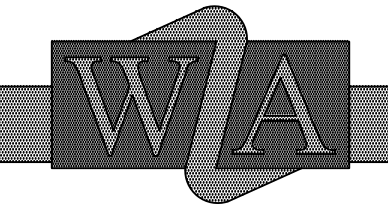
## PLANTING NOTES:

1. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAINING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
5. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
7. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
8. ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
9. ALL TREES DESIGNATED AS SINGLE TRUNK SHALL HAVE A SINGLE, RELATIVELY STRAIGHT, DOMINANT LEADER, PROPER STRUCTURAL BRANCHING AND EVEN BRANCH DISTRIBUTION. TREES WITH BARK INCLUSION, TIPPED BRANCHES, AND CO-DOMINANT TRUNKS WILL NOT BE ACCEPTED. TREES WITH GIRDLING, INTACT LEADER CIRCLING AND/OR PLUNGING ROOTS WILL BE REJECTED.
10. A PRE-CONSTRUCTION MEETING WITH URBAN FORESTRY IS REQUIRED BEFORE ANY WORK IS PERFORMED ON SITE.
11. ALL ROAD ROCK, CONCRETE, ASPHALT AND OTHER NON NATURAL MATERIAL SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO LANDSCAPE INSTALLATION AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.

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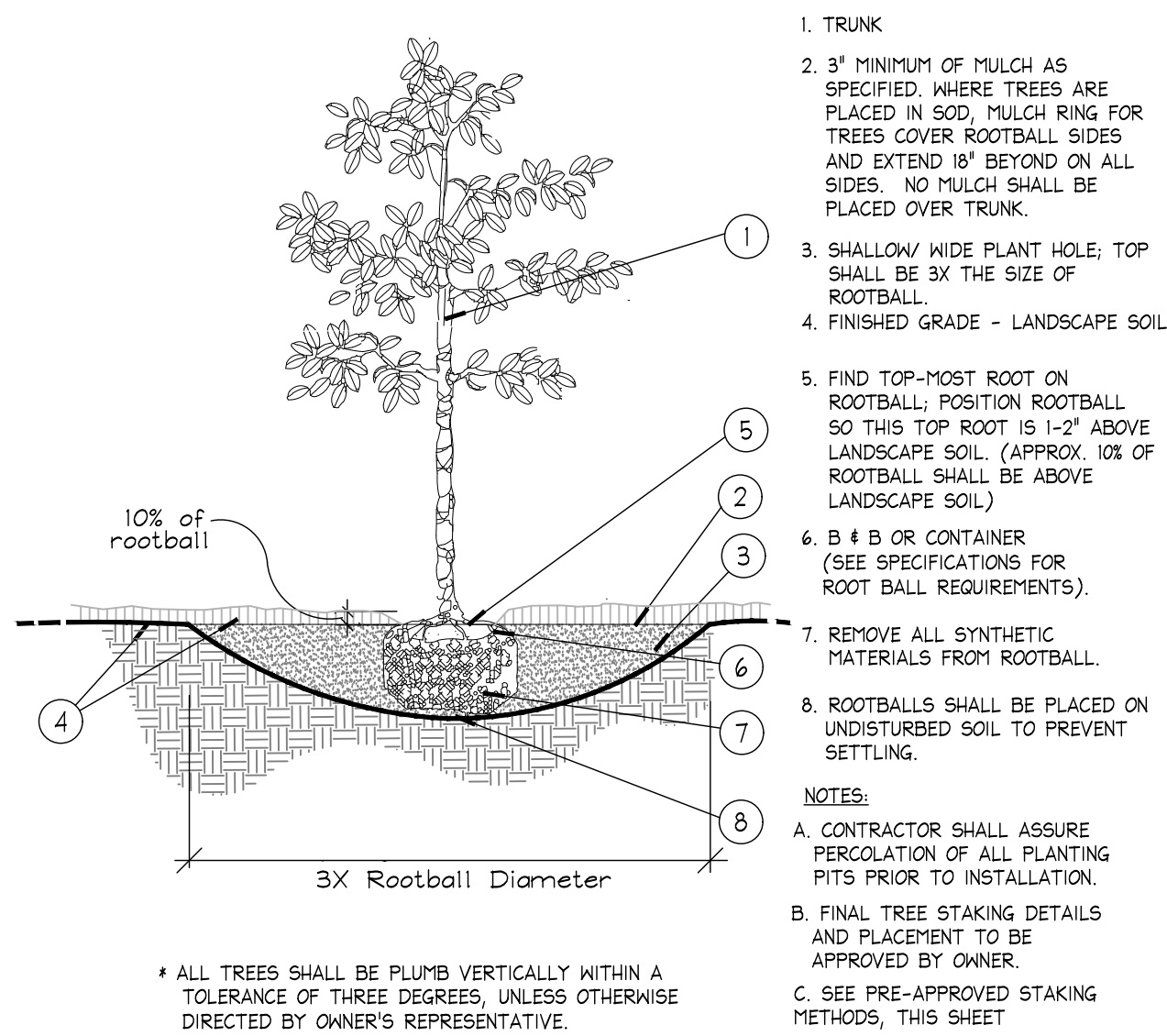
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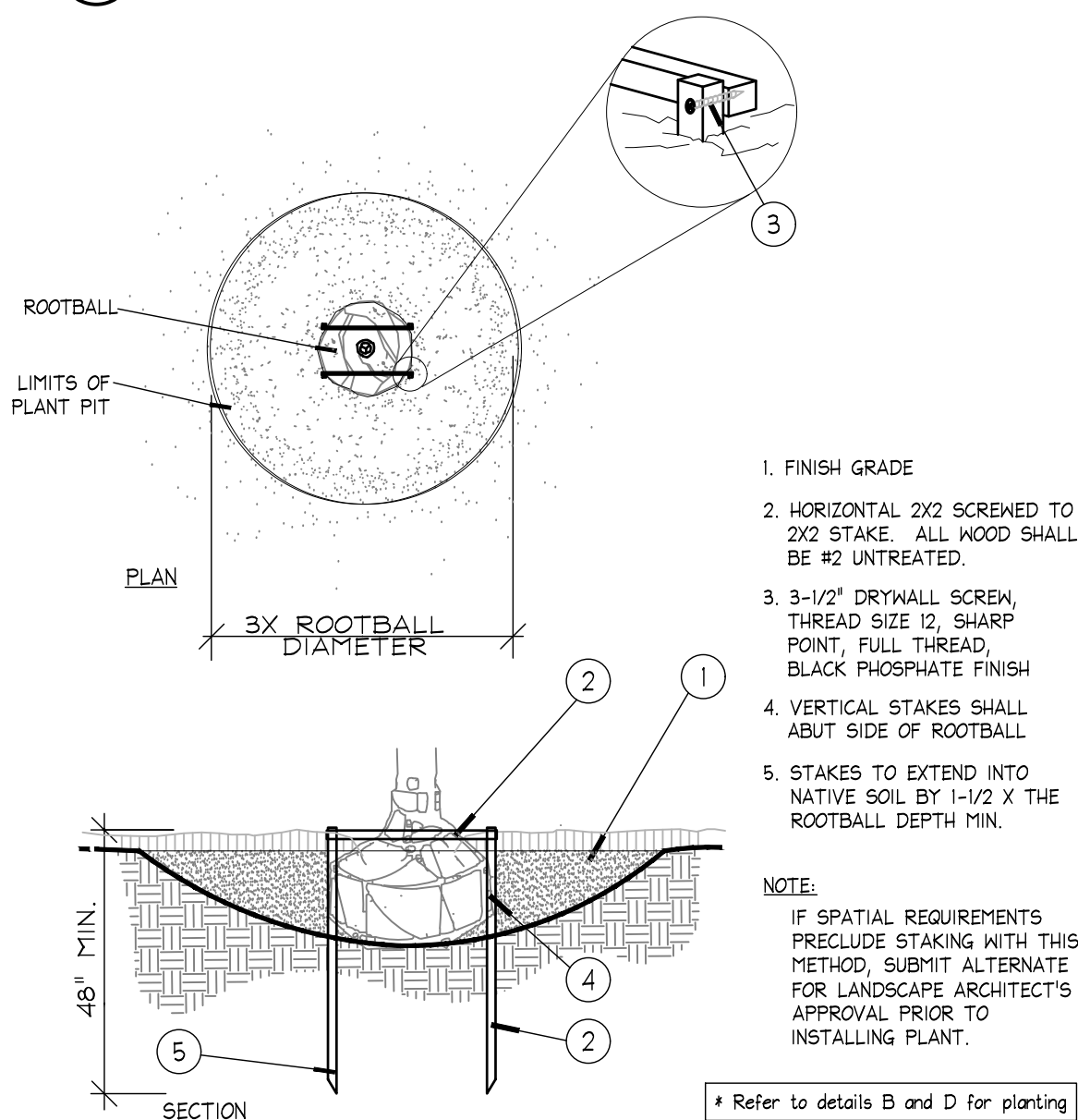
LANDSCAPE PLAN



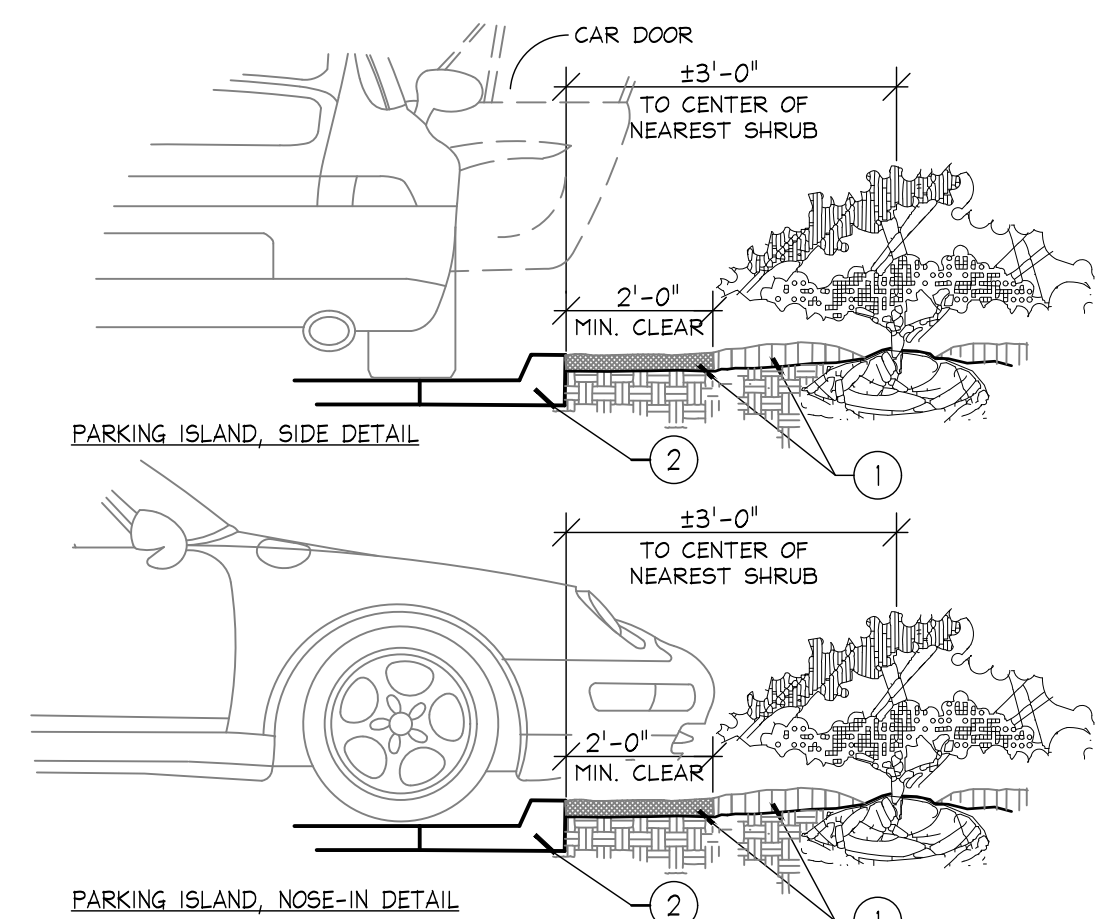
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I Tree Planting  
SECTION NTS

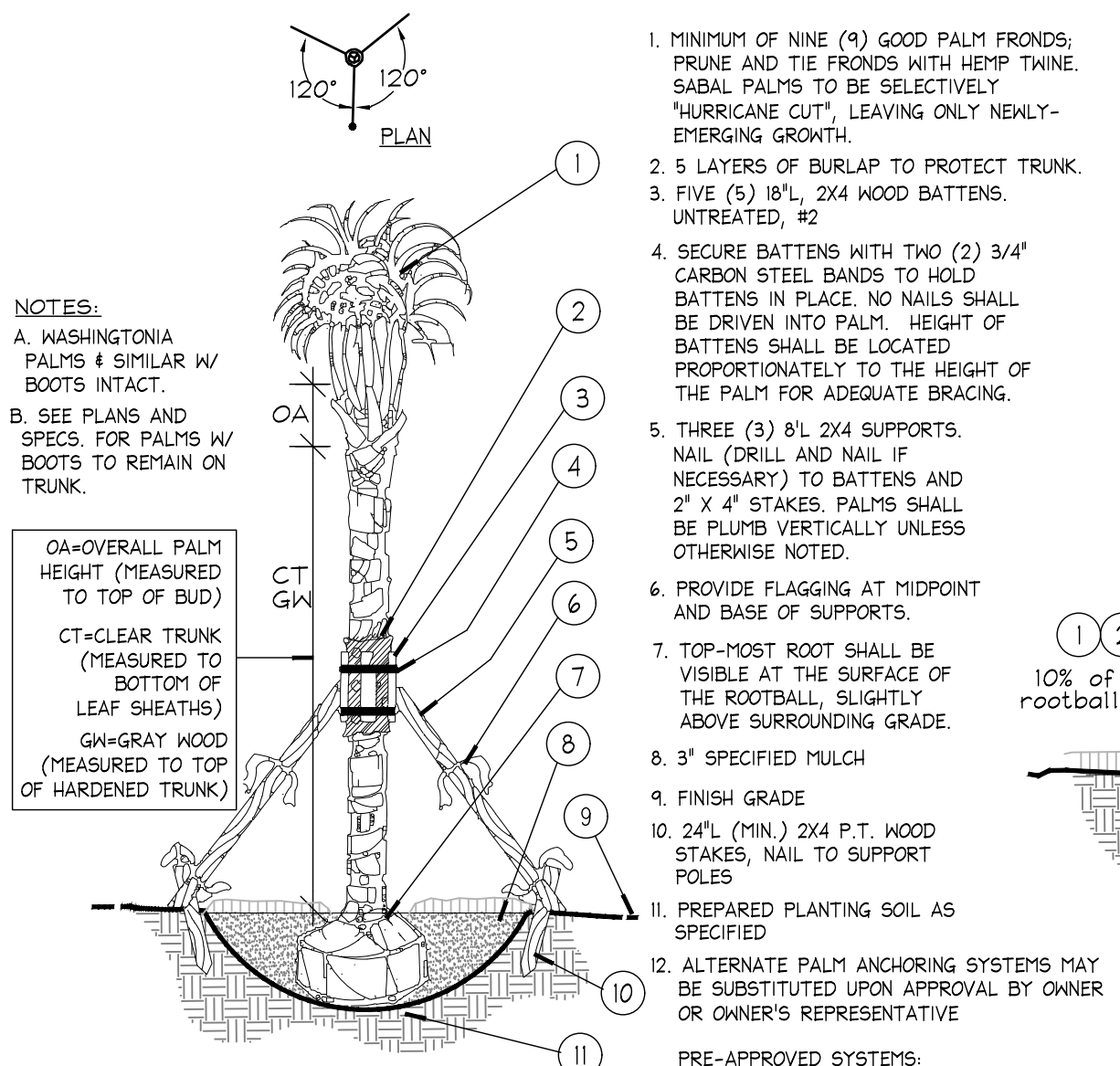


E Staking - up to 65 gal. or B&B to 3-1/2\"/>

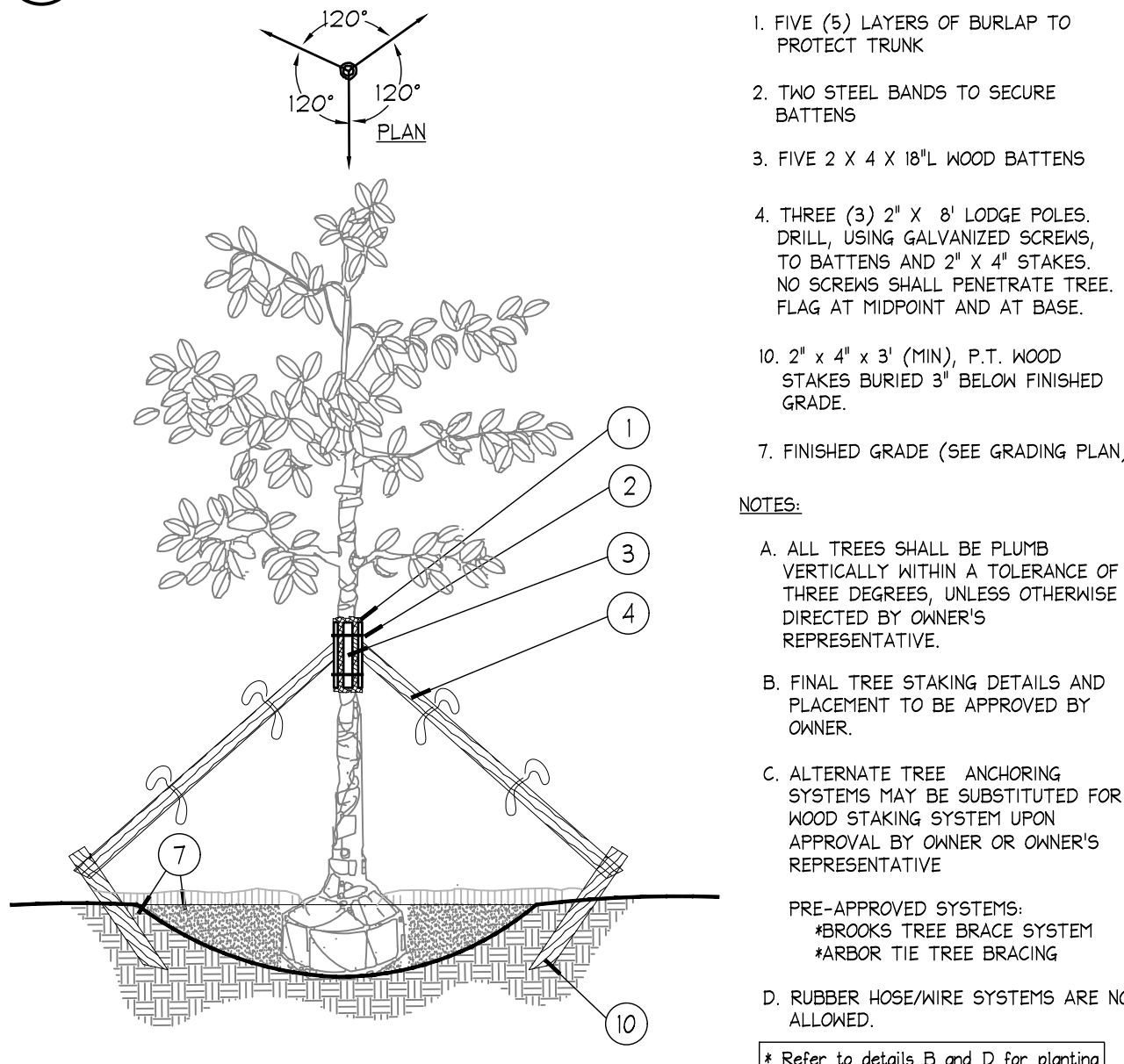


1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3\"/>
2. CURB OR PARKING LOT EDGE, BY OTHERS

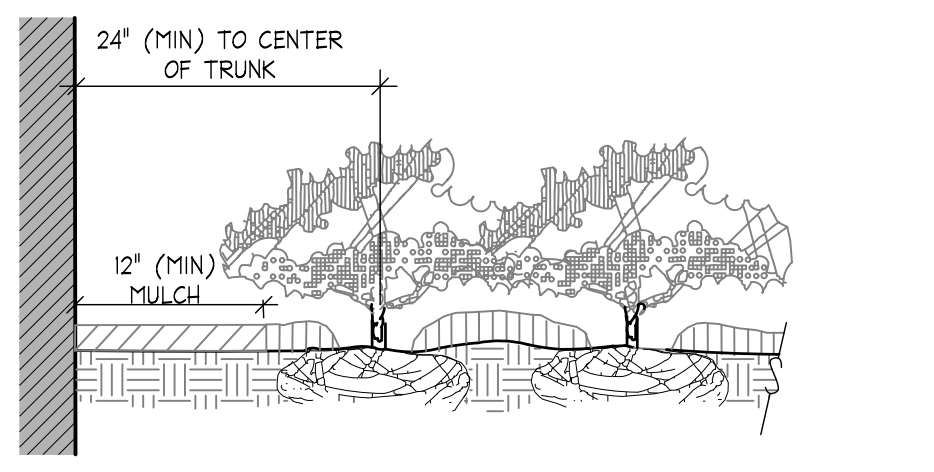
I Parking Space/Curb Planting  
SECTION NTS



B Palm Planting and Staking  
SECTION NTS

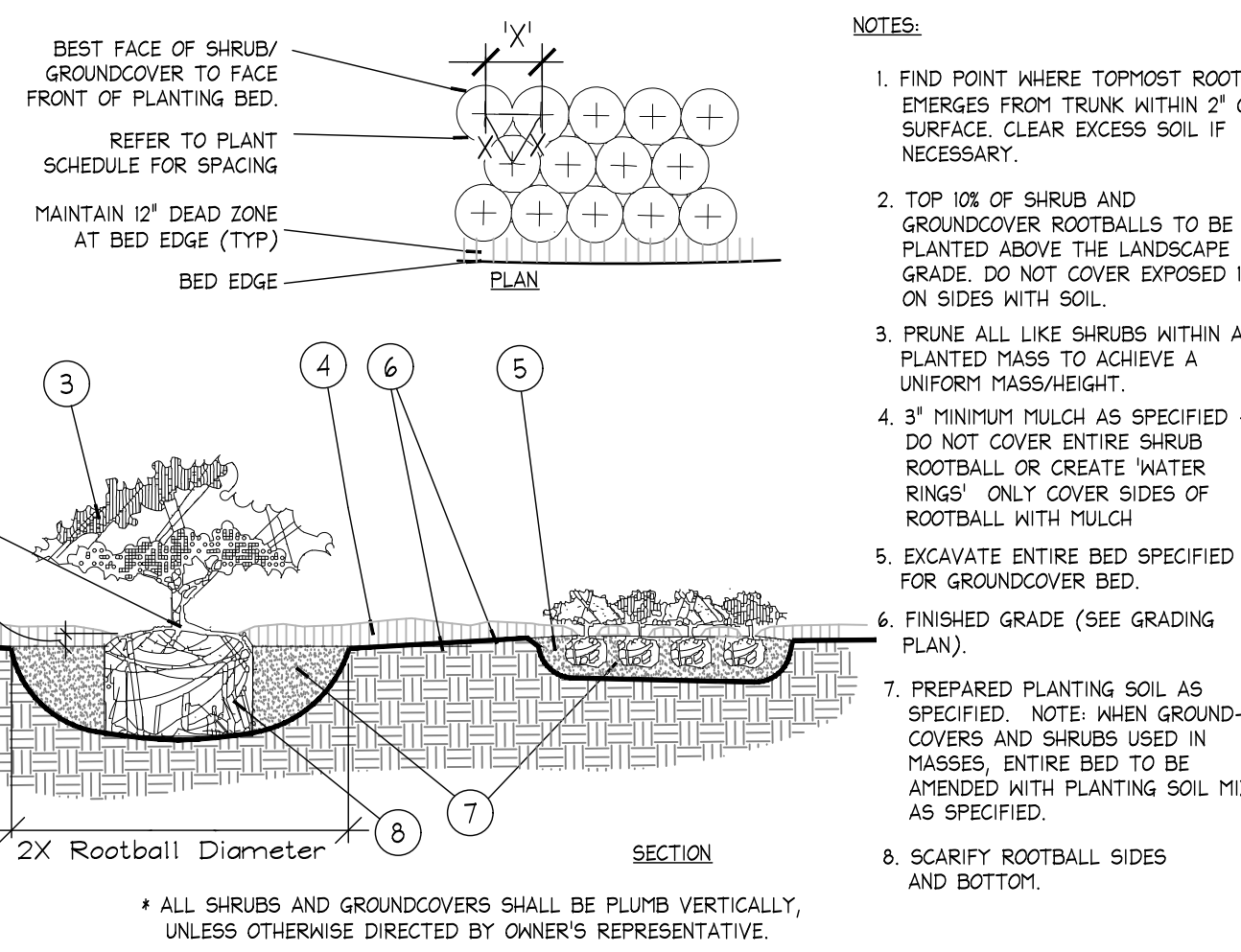


F Large Tree Staking - 100 Gal + or B&B 4\"/>

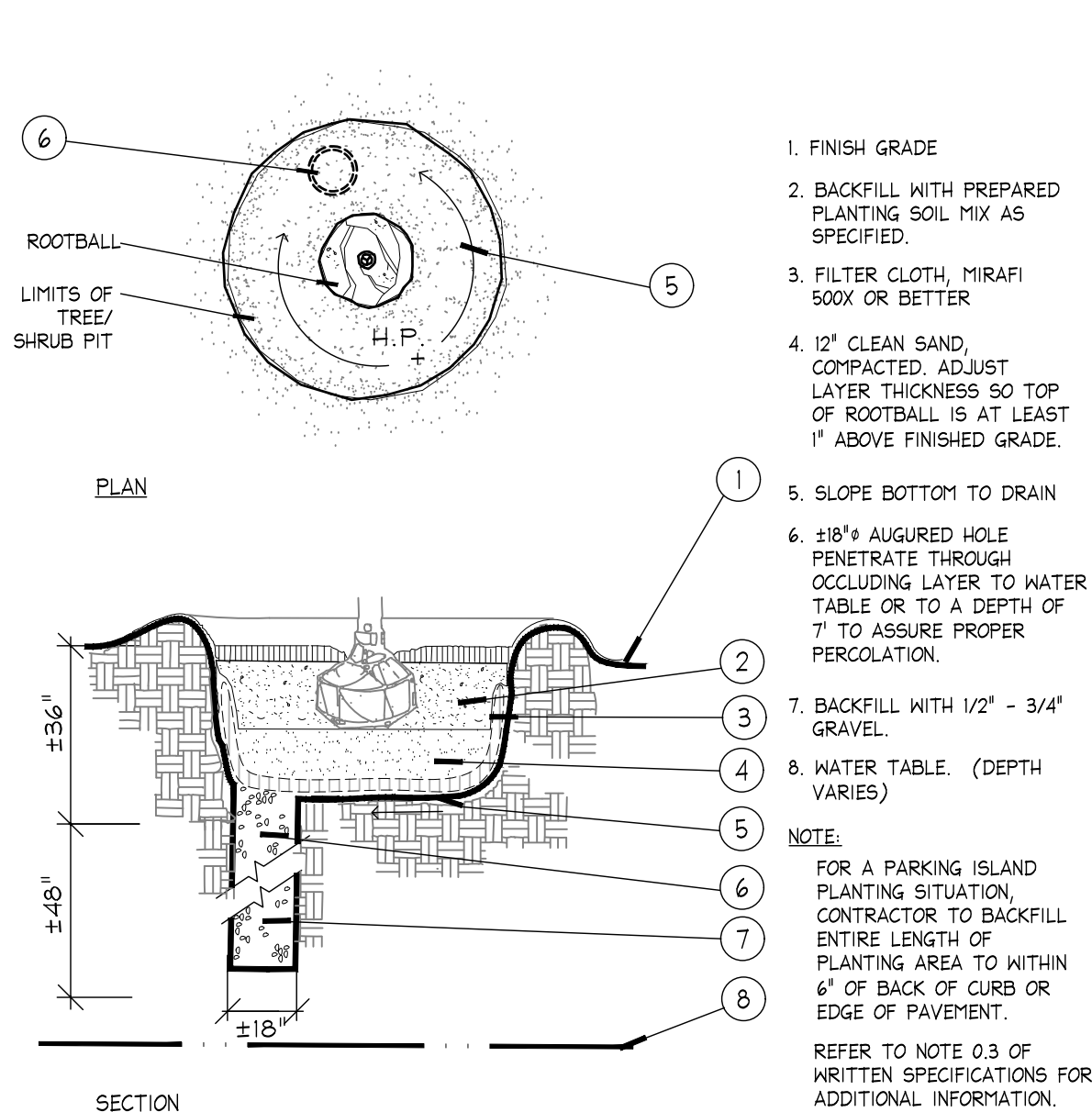


- NOTES
- \* CLEAR ZONE: 24\"/>

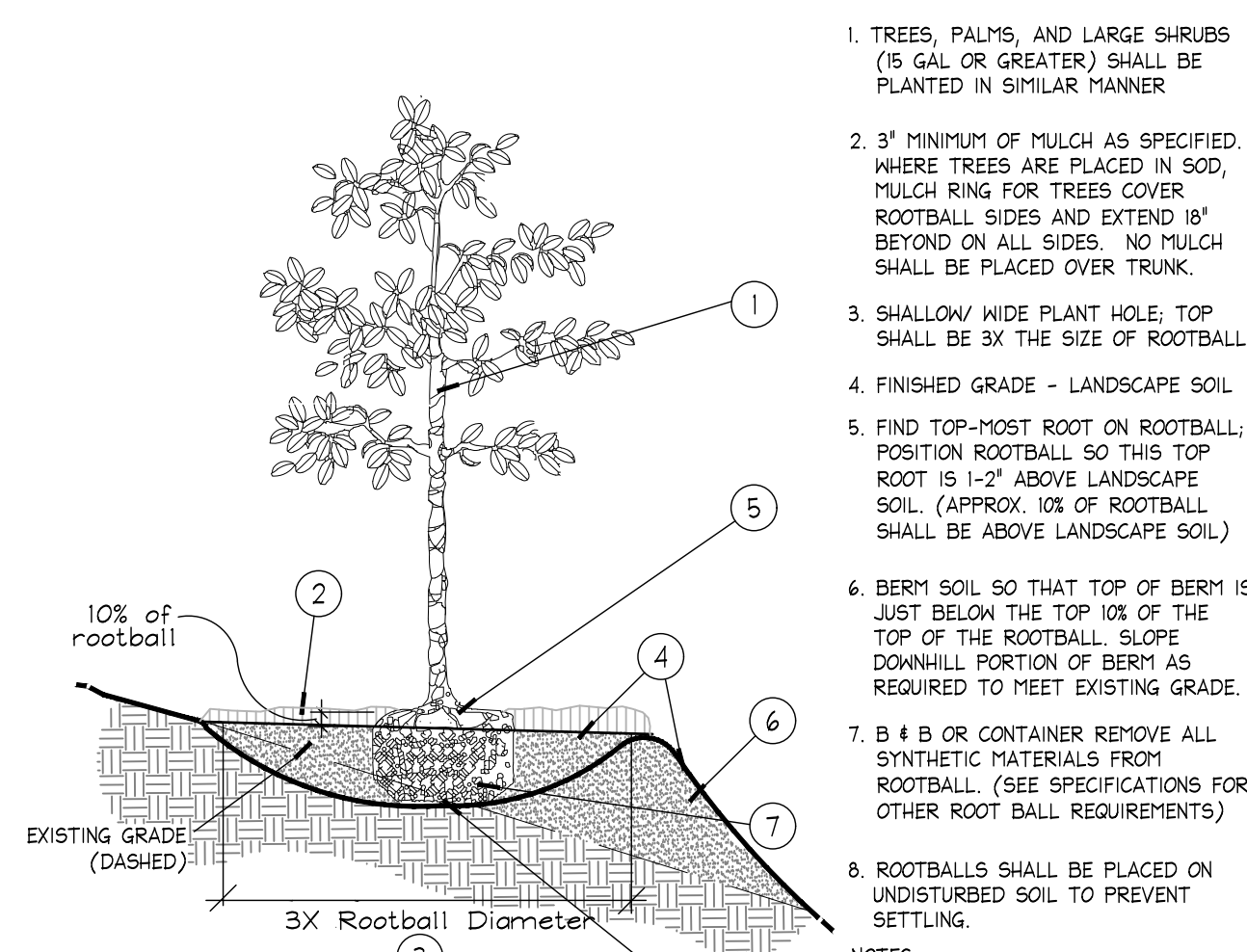
J Plantings Adjacent to Buildings  
SECTION NTS



C Shrub / Groundcover Planting  
PLAN/SECTION NTS

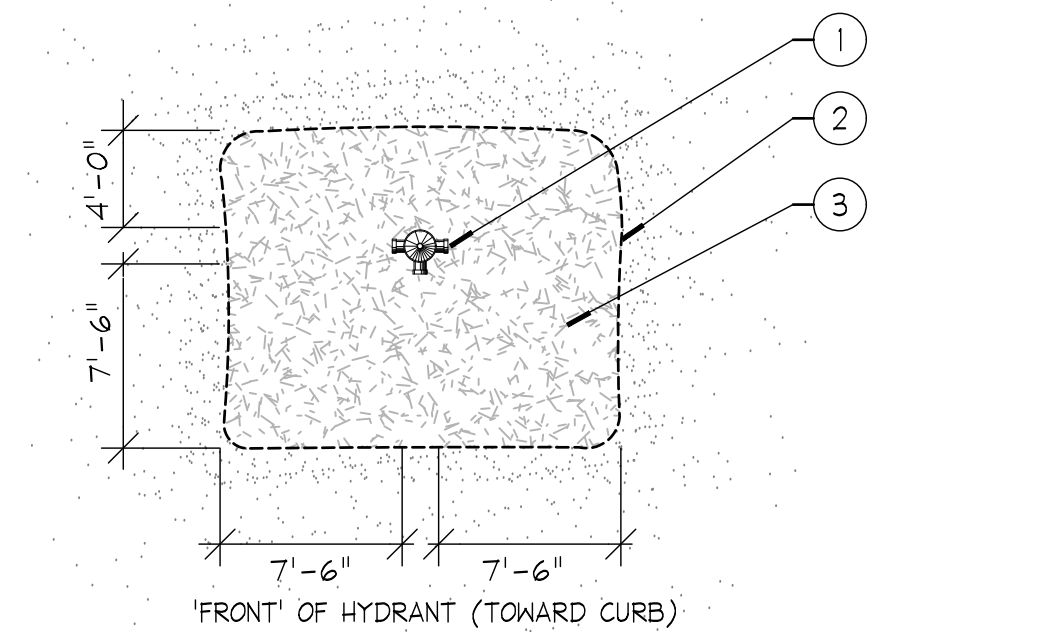


G Poor Drainage Condition  
PLAN/SECTION NTS

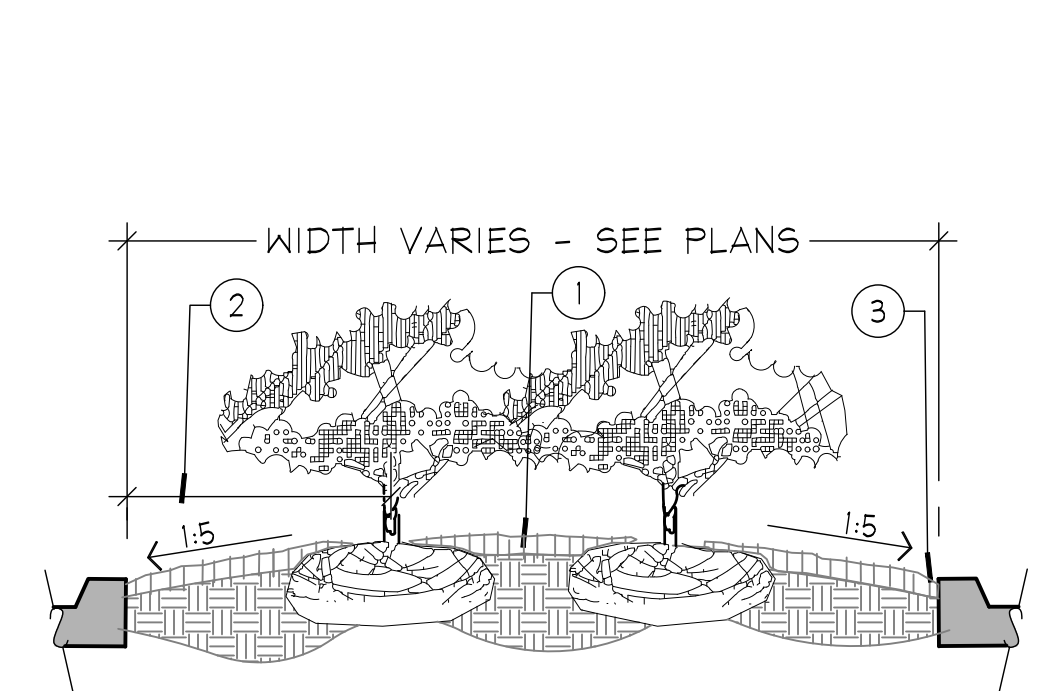


- NOTES
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
  - B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
  - C. SEE PRE-APPROVED STAKING METHODS, THIS SHEET

K Planting on a Slope  
SECTION NTS

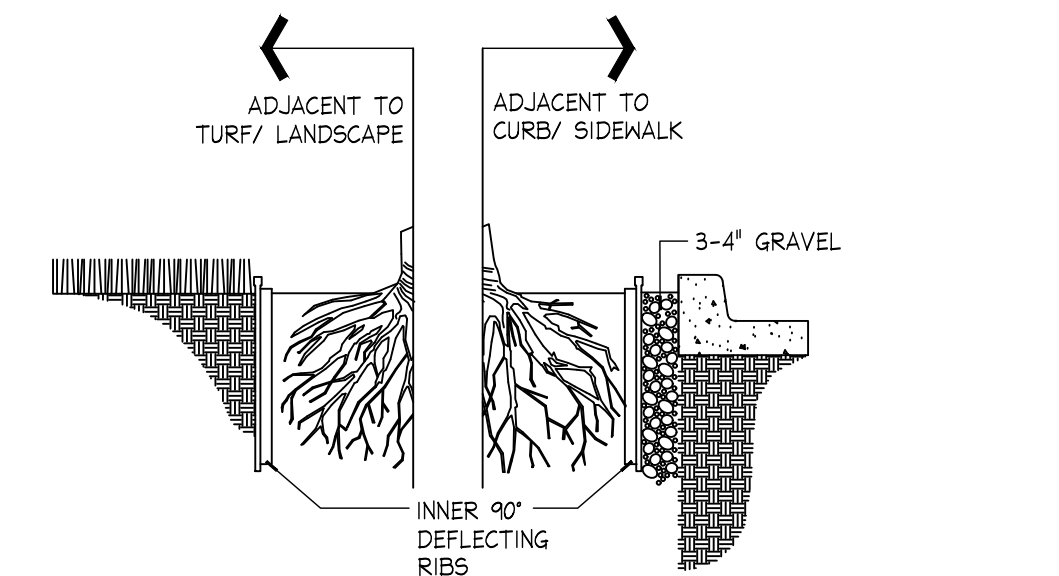


D Fire Hydrant Clear Zone  
PLAN NTS



- PLANTER ISLAND NOTES
1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
  2. CLEAR ZONE: 36\"/>
  3. 1\"/>
- EXCAVATE CONTINUOUS 36\"/>
  - PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).
  - ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2\"/>

H Planted Parking Lot Islands / Medians  
SECTION NTS



ROOT BARRIER BY: Century Root Barrier (714)632-7083  
(or) DeepRoot (800)458-7668  
(or approved equal)

SIZE: 36\"/>

- NOTES
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  2. INSTALL AS REQUIRED, PER PLAN NOTES.
  3. SUBMIT PRODUCT DATA FOR APPROVAL.

L Root Barrier  
Barrier Detail NTS



GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ONNER, AT NO COST TO THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE CONFACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

D. MATERIALS

1. GENERAL

MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SUBMITTAL
MULCH	PRODUCT DATA
TOPSOIL MIX	AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS
PLANTS	PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY) CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS. INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC.
FERTILIZER	PRODUCT DATA
INNOCULANT	PRODUCT DATA
HERBICIDE	PRODUCT DATA
STAKING/GUYING	FOR ALTERNATE TO DETAILS: SEND PRODUCT DATA, DETAIL

2. PLANT MATERIALS

- A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE
- B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.
- C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF 20% CLEAN FLORIDA MUCK AND 80% PARTS CLEAN SAND. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
2. MUCK (OR MUCKY PEAT) FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, AND OF A VERY HIGH ORGANIC CONTENT DERIVED FROM FLORIDA SOURCES; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
3. SAND FOR USE IN PREPARING SOIL MIXTURE SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY THE OWNER.
4. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
5. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

F. WATER

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC., IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

\*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

\*FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A MINIMUM DEPTH OF 3 INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). TYPE OF MATERIAL: 'FLORIMULCH' OR SHREDDED, STERILE EUCALYPTUS MULCH

1. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPROF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.
3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.
4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.
5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB- BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, FLORIDA #1 OR BETTER.
2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
3. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.
4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S REPRESENTATIVE.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.
3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOT PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" TO ACHIEVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.

17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, 'ROUND-UP' SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

- A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS, ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE:

- A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRAIDING IF NECESSARY).
- B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

S. MAINTENANCE (ALTERNATE BID ITEM)

CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

T. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

U. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL 7 GALLON AND LARGER PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.
4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

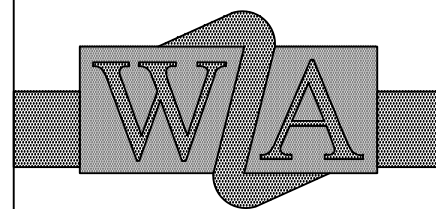
PROJECT LANDSCAPE ARCHITECT:

THOMAS C. HARGRETT, PLA

FL LICENSE NUMBER

LA #6667512

04/07/2025



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POMPANO BEACH, FL 33064

DRAWN BY: BM

CHECKED BY: TH

DATE: 04-07-2025

REVISIONS:

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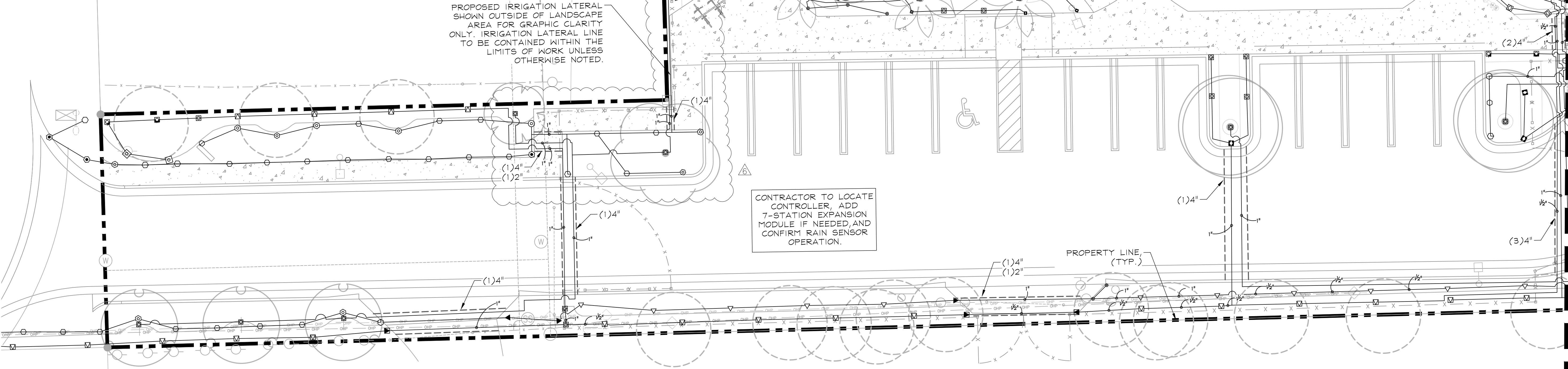
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LANDSCAPE NOTES



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1806-U-PRS 15 Strip Series
○ ○ ○ ○ ○ Q T H F	Rain Bird 1806-U-PRS U8 Series
○ ○ ○ ○ ○ Q T H F	Rain Bird 1806-U-PRS U10 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1806-U-PRS U12 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1806-U-PRS U15 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1806-U-PRS HE-VAN Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1806-U-PRS HE-VAN Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1812-PRS-U 15 Strip Series
○ ○ ○ ○ ○ Q T H F	Rain Bird 1812-PRS-U U8 Series
○ ○ ○ ○ ○ Q T H F	Rain Bird 1812-PRS-U U10 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1812-PRS-U U12 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1812-PRS-U U15 Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1812-PRS-U HE-VAN Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1812-PRS-U HE-VAN Series
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1800-1402 Flood
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird 1800-1402 Flood
SYMBOL	MANUFACTURER/MODEL
○ ○ ○ ○ ○ Q T H TT TQ F	Rain Bird PGA Angle
○ ○ ○ ○ ○ Q T H TT TQ F	Water Meter 1"
○ ○ ○ ○ ○ Q T H TT TQ F	Irrigation Lateral Line: PVC Class 200 SDR 21
○ ○ ○ ○ ○ Q T H TT TQ F	Irrigation Mainline: PVC Schedule 40
○ ○ ○ ○ ○ Q T H TT TQ F	Pipe Sleeve: PVC Schedule 40



KimleyHorn

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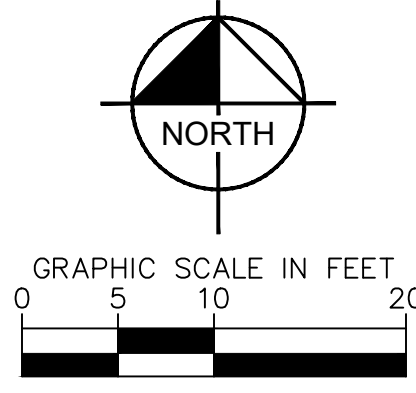
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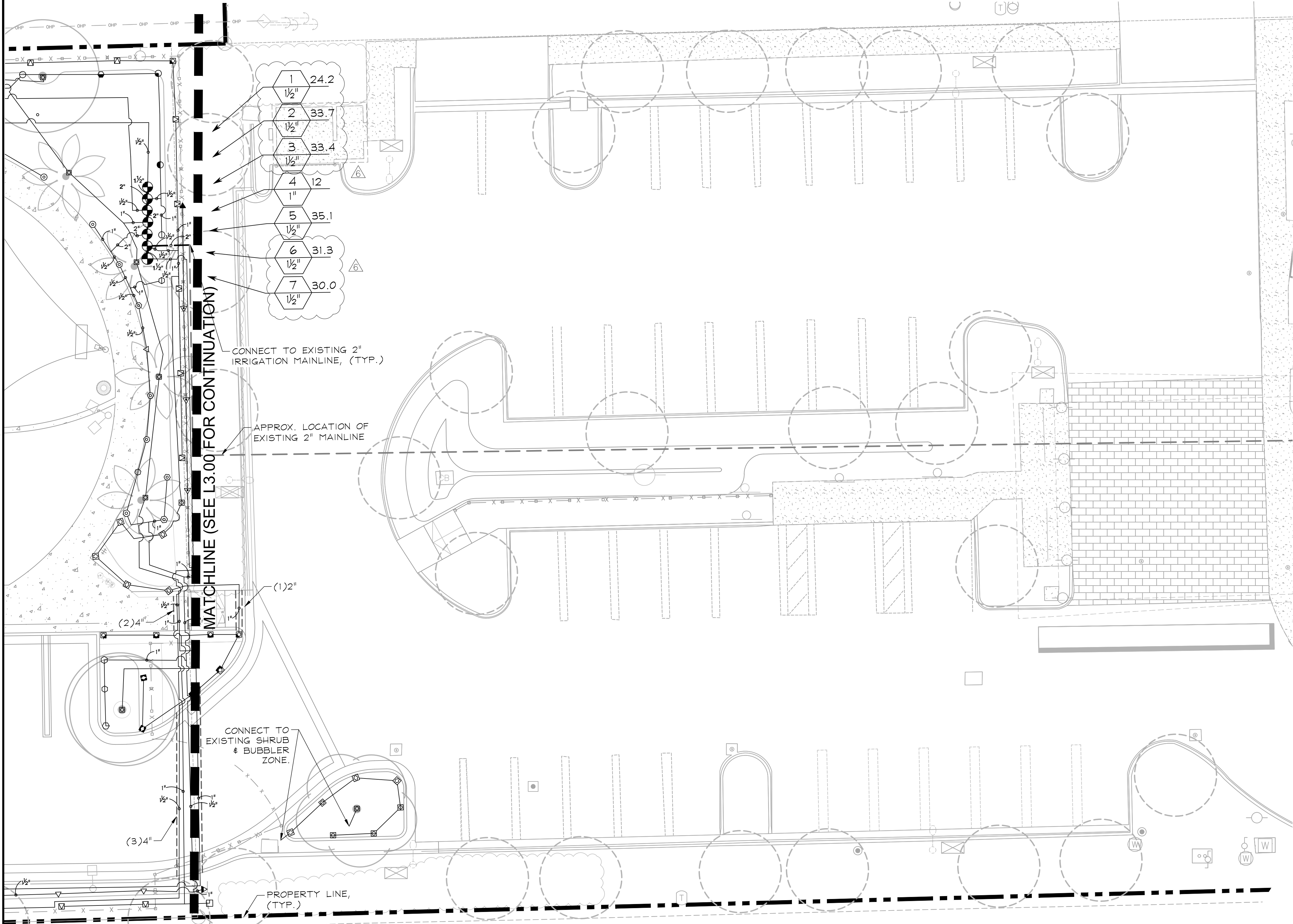
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IRRIGATION PLAN





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#### IRRIGATION CONNECTIONS TO EXISTING SYSTEM

1. THE IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR.
2. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
3. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR OPERATING PARAMETERS OF THE EXISTING SYSTEM.
4. CONTRACTOR SHALL VERIFY CONTROLLER AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH PROPERTY OWNER.
5. COORDINATE WITH PLANTING PLAN FOR PLANTER BED LOCATIONS AND TREE LOCATIONS.
6. ALL WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE.
7. IF THE MASTER SYSTEM CANNOT PROVIDE THE PARAMETERS OUTLINED IN THESE PLANS, CONTRACTOR SHALL MAKE ADJUSTMENTS TO THE DESIGN BY ADDING CONTROL VALVES, MAINLINE, AND LATERALS.
8. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY THEIR LOCATION.
9. ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED, WHERE ELECTRIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT. ALL SLEEVES SHALL BE SIZED TWO PIPE SIZES GREATER THAN PIPE IT CARRIES.
10. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.

#### IRRIGATION SYSTEM NOTES

1. CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
5. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
6. IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED, CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.

THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH A SOURCE PROVIDING **20** GPM AT **50** PSI.

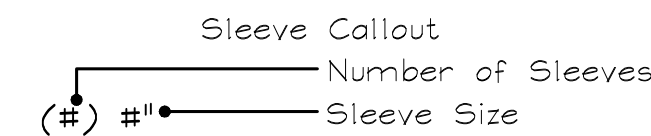
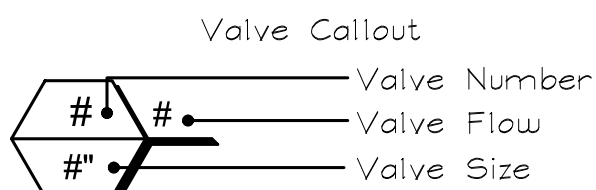
SPRAY HEAD DESIGN PRESSURE: 30 PSI  
BUBBLER DESIGN PRESSURE: 30 PSI

#### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	23	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1806-U-PRS U8 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	49	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1806-U-PRS U10 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	2	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT TQ F	Rain Bird 1806-U-PRS U12 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	3	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT TQ F	Rain Bird 1806-U-PRS U15 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	2	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1806-U-PRS HE-VAN Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	57	30
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	53	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1812-PRS-U 8 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	14	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1812-PRS-U U10 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	9	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT TQ F	Rain Bird 1812-PRS-U U12 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	2	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT TQ F	Rain Bird 1812-PRS-U U15 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	1	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1812-PRS-U HE-VAN Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	41	30
▲ 1401 ▲ 1402 ▲ 1404 ▲ 1408	Rain Bird 1800-1402 Flood Bubbler on IPS flex hose per detail	25	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
⊙	Rain Bird PGA Angle 1in., 1-1/2in., 2in. Electric Remote Control Valve, Angle.	7	
M	Water Meter 1" Existing 1" Irrigation Meter	1	
—	Irrigation Lateral Line: PVC Class 200 SDR 21 ± 4,160 IF		
---	Irrigation Mainline: PVC Schedule 40 ± 385.4 IF		
=====	Pipe Sleeve: PVC Schedule 40 AS NEEDED		

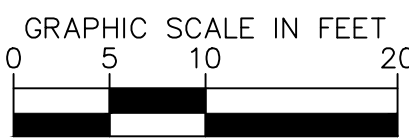
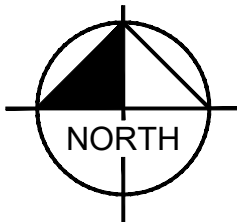
#### VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	Rain Bird PGA Angle	1-1/2"	Turf Spray	24.22	37.1	42.6	1.06 in/h
2	Rain Bird PGA Angle	1-1/2"	Turf Spray	33.73	35.6	46.1	1.01 in/h
3	Rain Bird PGA Angle	1-1/2"	Shrub Spray	33.4	36.7	46.9	1.53 in/h
4	Rain Bird PGA Angle	1"	Bubbler	12	37.6	39.1	1.7 in/h
5	Rain Bird PGA Angle	1-1/2"	Turf Spray	35.07	37.4	48.7	1.31 in/h
6	Rain Bird PGA Angle	1-1/2"	Shrub Spray	31.29	34.3	43.3	1.49 in/h
7	Rain Bird PGA Angle	1-1/2"	Shrub Spray	29.95	37.1	45.4	1.58 in/h



REFER TO DETAILS ON  
SHEETS L2.10, L2.11, & L2.12.

PLAN IS DIAGRAMMATIC.  
CONTRACTOR SHALL  
INSTALL ALL IRRIGATION  
EQUIPMENT IN LANDSCAPE  
OR TURF AREAS WITHIN  
PROJECT LIMITS.



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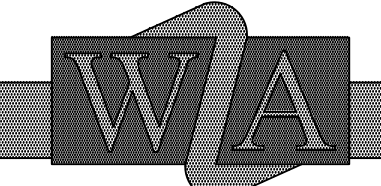
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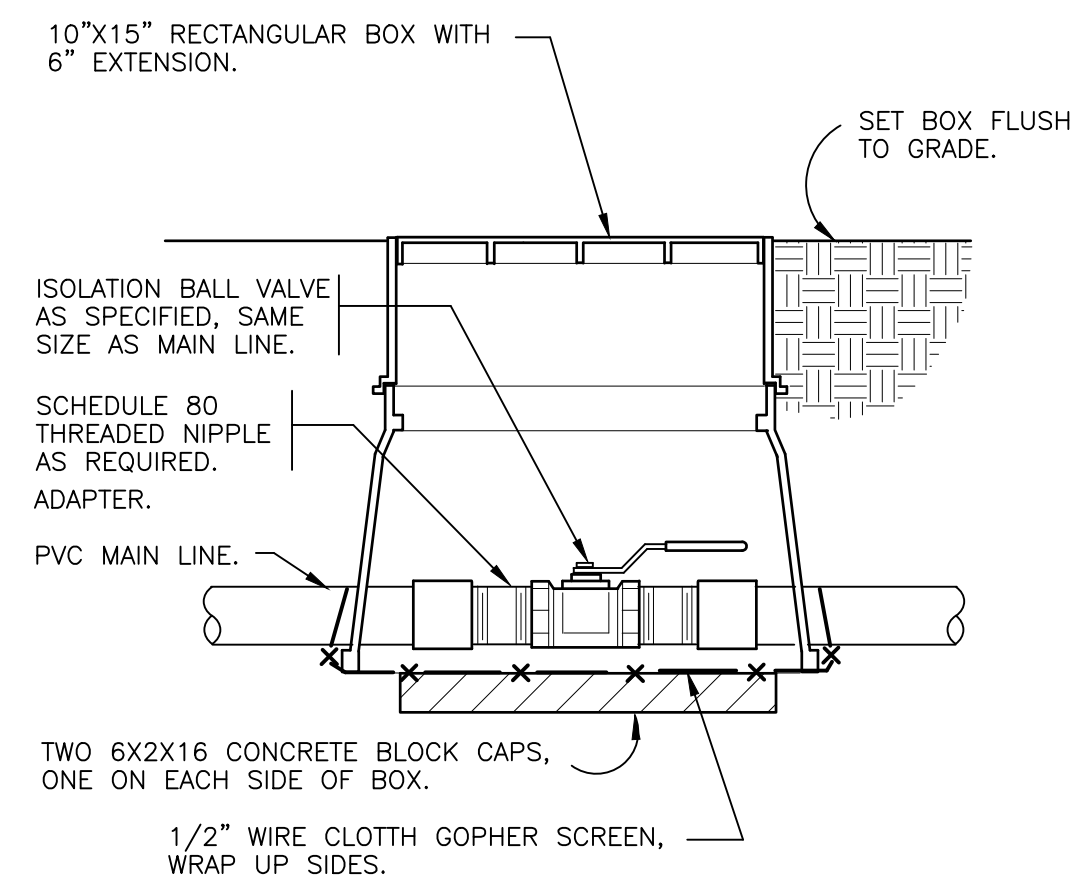
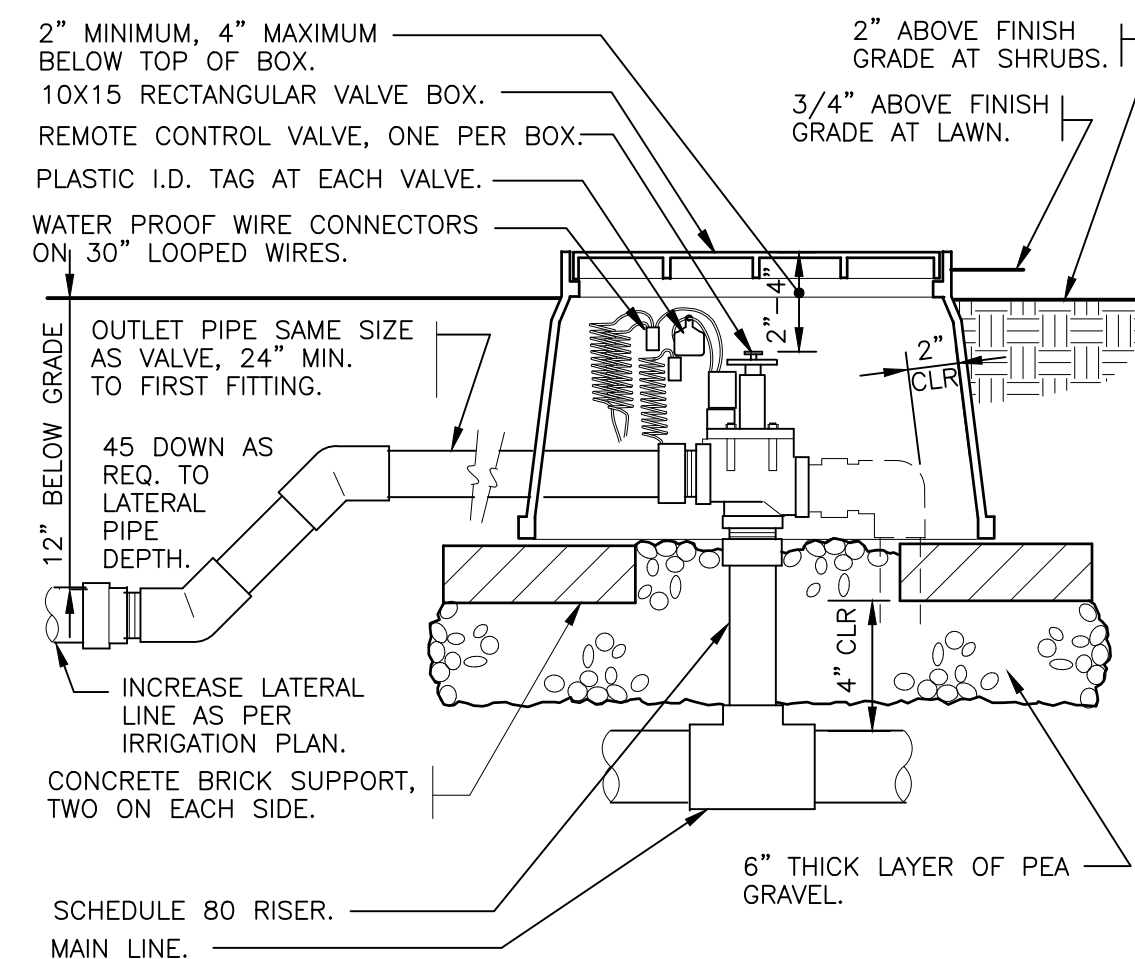
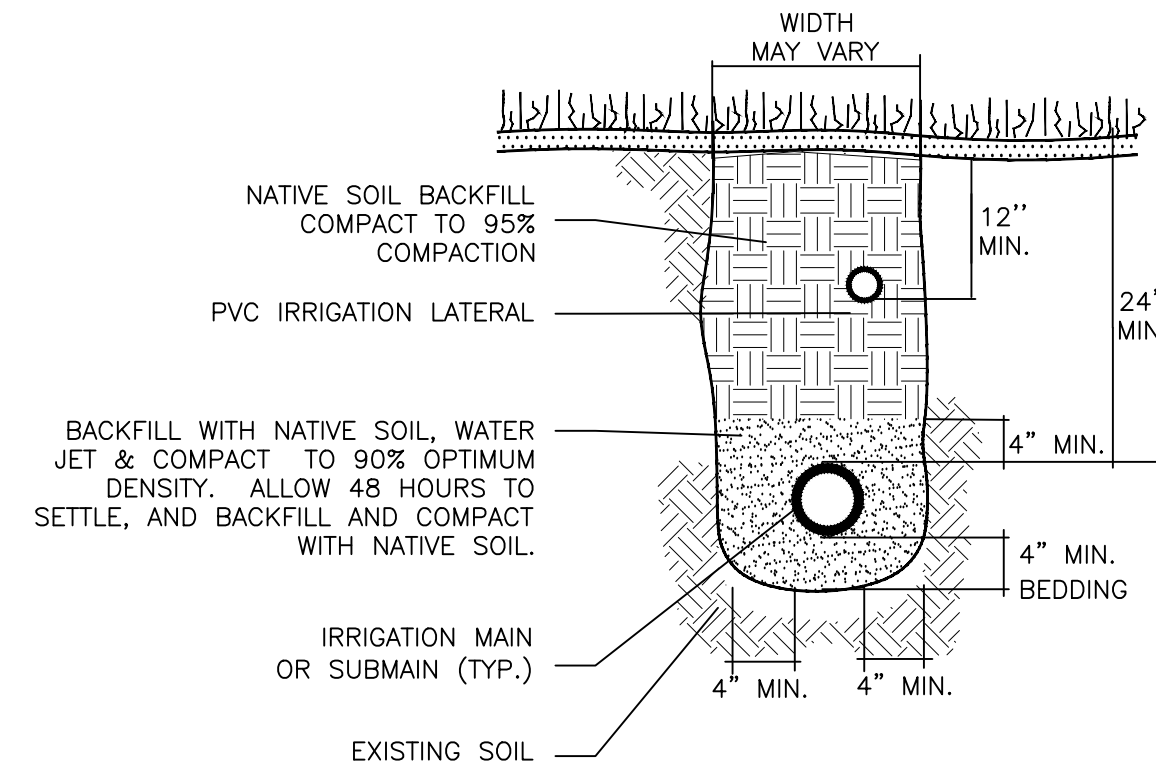
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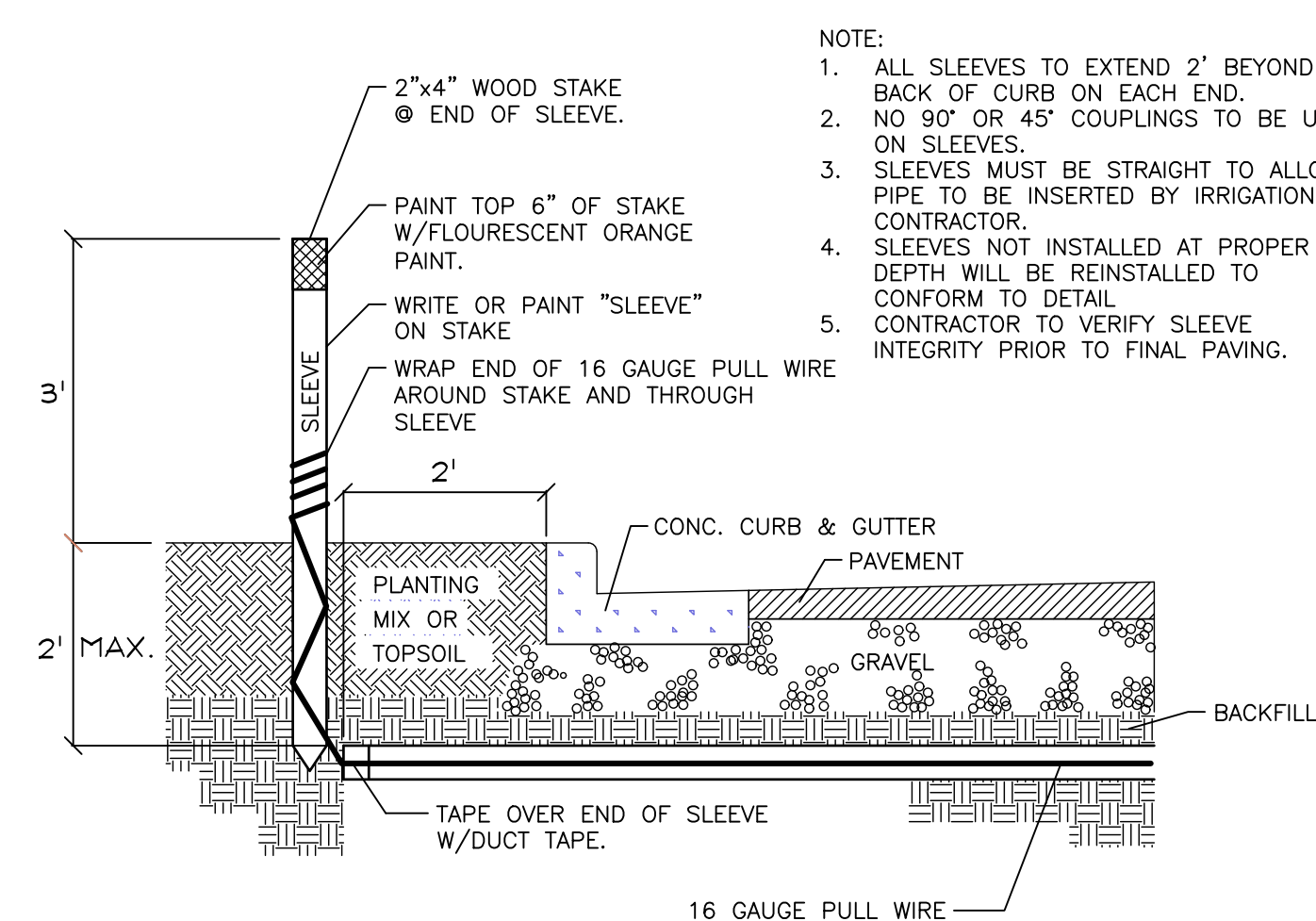
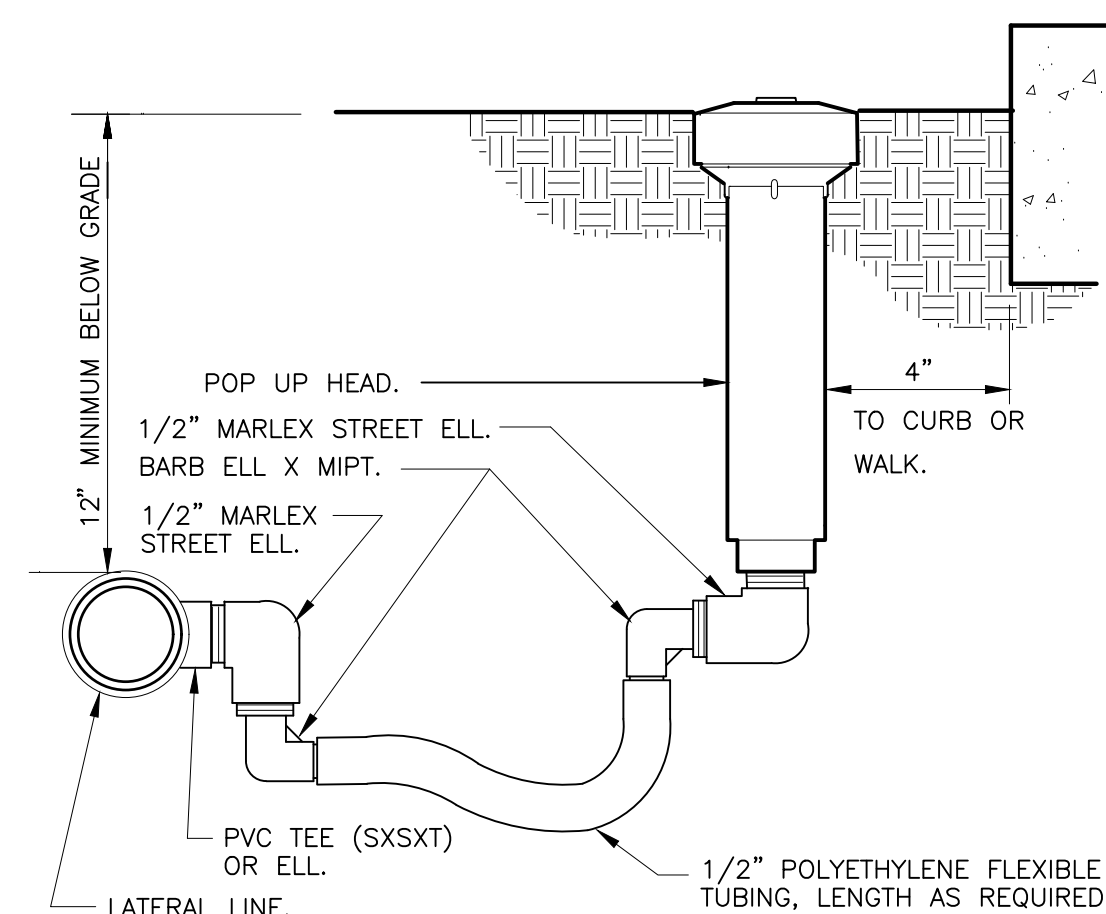
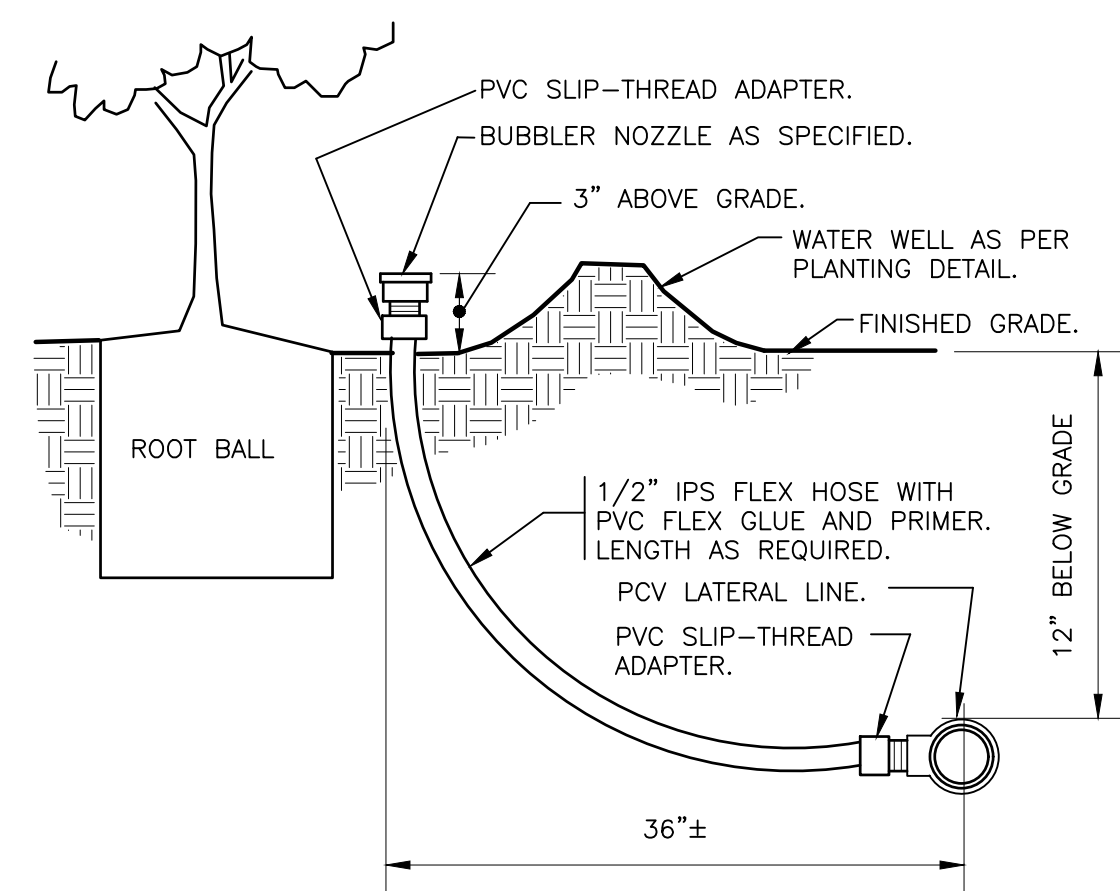
IRRIGATION PLAN





**2 TRENCHING DETAIL**  
NOT TO SCALE 32 8409.76-03

4 BRASS BALL ISOLATION VALVE  
1 1/2" = 1'-0"



**6 BUBBLER ON FLEX HOSE RISER**  
3" = 1'-0" DETAIL-FILE

## 8 IRRIGATION SLEEVING

CORPORATE NAME: WALTERS ZACK  
ASSOCIATES, PLLC REGISTERED IN THE  
STATE OF FLORIDA. WRITING  
DIMENSIONS TAKE PRECEDENCE OVER  
SCALED DIMENSIONS. THESE DRAWINGS  
ARE THE PROPERTY OF WALTERS  
ZACKRIA ASSOCIATES, PLLC, AND SHALL  
NOT BE REPRODUCED WITHOUT WRITING  
PERMISSION FROM A PRINCIPAL OF THE  
FIRM OR BE LIABLE FOR THE FULL  
LEGAL RECOURSE. CONTRACTOR SHALL  
VERIFY ALL EXISTING CONDITIONS AND  
DIMENSIONS AND NOTIFY THE  
ARCHITECT OF ANY DISCREPANCIES  
PRIOR TO EXECUTION OF WORK.

10. *Journal of the American Medical Association*, 2000; 283: 2689-2693.



UNDERGROUND IRRIGATION SYSTEM

PART I: GENERAL  
1.01 SCOPE

- A. The work covered by this specification shall include the furnishing of all labor, materials, tools and equipment necessary to perform and complete the installation of an automatic irrigation system as specified herein and as shown on the drawings and any incidental work not shown or specified which can reasonably be determined to be part of the work and necessary to provide a complete and functional system.
- B. The work covered by this specification also includes all permits, federal, state and local taxes and all other costs, both foreseeable and unforeseeable at the time of construction.

- C. No deviation from these specifications, the accompanying drawings, or agreement is authorized or shall be made without prior written authorization signed by the Owner or his duly appointed representative.

1.02 QUALITY ASSURANCE

- A. Installer Qualifications: A firm specializing in irrigation work with not less than five (5) years of experience in installing irrigation systems similar to those required for this project.

- B. Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.

- C. Inspection of Site: The Contractor shall acquaint himself with all site conditions, including underground utilities before construction is to begin. Contractor shall coordinate placement of underground materials with contractors previously working underground in the vicinity or those scheduled to do underground work in the vicinity. Contractor is responsible for minor adjustments in the layout of the work to accommodate existing facilities.

- D. Protection of Existing Plants and Site Conditions: The Contractor shall take necessary precautions to protect site conditions to remain. Should damages be incurred, this Contractor shall repair the damage to its original condition at his own expense. Any disruption, destruction, or disturbance of any existing plant, tree, shrub, or turf, or any structure shall be completely restored to the satisfaction of the Owner and his representatives, solely at the Contractor's expense.

- E. Protection of Work and Property: The Contractor shall be liable for and shall take the following actions as required with regard to damage to any of the Owner's property.

1. Any existing building, equipment, piping, pipe coverings, electrical systems, sewers, sidewalks, roads, grounds, landscaping or structure of any kind (including without limitation, damage from leaks in the piping system being installed or having been installed by Contractor) damaged by the Contractor, or by his agents, employees, or subcontractors, during the course of his work, whether through negligence or otherwise, shall be replaced or repaired by Contractor at his own expense in a manner satisfactory to Owner, which repair or replacement shall be a condition precedent to Owner's obligation to make final payment under the Contract.

2. Contractor shall also be responsible for damage to any work covered by these specifications before final acceptance of the work. He shall securely cover all openings into the systems and cover all apparatus, equipment and appliances, both before and after being set in place to prevent obstructions on the pipes and the breakage, misuse or disfigurement of the apparatus, equipment or appliance.

3. All trenching or other work under the leaf canopy of any and all trees shall be done by hand or by other methods so that no branches are damaged in any way.

Buildings, walks, walls, and other property shall be protected from damage. Open ditches left exposed shall be flagged and barricaded by the Contractor by approved means. The Contractor shall restore disturbed areas to their original condition.

4. The Contractor shall be responsible for requesting the proper utility company to stake the exact location of any underground lines including but not limited to electric, gas, telephone service, water, and cable.

The Contractor shall take whatever precautions are necessary to protect these underground lines from damage. In the event damage does occur, all damage shall be completely repaired to its original condition, at no additional cost to the Owner.

5. The Contractor shall request the Owner, in writing, to locate any private utilities (i.e., electrical service to outside lighting) before proceeding with any excavation. If, after such requests and necessary staking, private utilities which were not staked are encountered and damaged by the Contractor, they shall be repaired by the Owner at no cost to the Contractor. If the Contractor damages staked or located utilities, they shall be repaired at the Contractor's expense.

- F. Codes and Inspections: The entire installation shall comply fully with all local and state laws and ordinances and with all established codes arrange for all necessary inspections and shall pay all fees and expenses in connection with same, as part of the work under this Contract. Upon completion of the work, he shall furnish to the "Owner" all inspection certificates customarily issued in connection with the class of work involved.

- G. The Contractor shall keep on his work, during its progress, a competent superintendent and any necessary assistants, all satisfactory to the Owner, or Owner's representative.

- H. The superintendent shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

- I. The Owner's Landscape Architect or designated individual shall have full authority to approve or reject work performed by the Contractor. The Owner's Authorized Representative shall also have full authority to make field changes that are deemed necessary.

- J. Final Acceptance: Final acceptance of the work may be obtained from the Owner upon the satisfactory completion of all work. Acceptance by the Landscape Architect and/or Owner in no way removes the Contractor of his responsibility to make further repairs, corrections and adjustments to eliminate any deficiencies which may later be discovered.

- K. Guarantee: All work shall be guaranteed for one year from date of final acceptance against all defects in material, equipment and workmanship to the satisfaction of the Owner. Repairs, if required, shall be done promptly at no cost to the Owner.

1. The guarantee shall also cover repair of damage to any part of the premises resulting from leaks or workmanship, to the satisfaction of the Owner. The Contractor shall not be responsible for work damaged by others. Repairs, if required, shall be done promptly. The guarantee shall state the name of the Owner, provide full guarantee terms, effective and termination date, name and license number of Contractor providing guarantee, address, and telephone number. It shall be signed by the chief executive of the Contractor of his liability under the guarantee. Such warranties shall only supplement the guarantee.

2. If, within ten (10) days after mailing of written notice by the Owner to the Contractor requesting repairs or replacement resulting from a breach of warranty, the Contractor shall neglect to make or undertake with due diligence to make the same, the Owner may make such repairs at the Contractor's expense; provided, however, that in the case of emergency where, in the judgment of the Owner, delay would cause serious loss or damage, repairs or replacement may be made without notice being sent to the Contractor, and Contractor shall pay the cost thereof.

- L. The Contractor shall provide full, 100% irrigation coverage in all areas designed with proposed plantings, in accordance with the site's governing permitting requirements and as designed.

- M. On-site Observation: At any time during the installation of the irrigation system by the Contractor, the Owner or Landscape Architect may visit the site to observe work underway. Upon request, the Contractor shall be required to uncover specified work as directed by the Owner or material, workmanship or method of installation not meet the standards specified herein, the Contractor shall replace the work at his own expense.

- N. Workmanship: All work shall be installed by qualified, skilled personnel, proficient in the trades required, in a neat, orderly, and responsible manner with recognized standards of workmanship. The Contractor shall have had considerable experience and demonstrated ability in the installation of sprinkler irrigation systems of this type.

1.04 SUBMITTALS

All materials shall be those specified and/or approved by the Landscape Architect.

- A. Product Data: After the award of the Contract and prior to beginning work, the Contractor shall submit for approval by the Owner and Landscape Architect, two copies of the complete list of materials, manufacturer's technical data, and installation instructions which he proposes to install.

- B. Commence no work before approval of material list and descriptive material by the Landscape Architect.

- C. Record Drawings: The Contractor shall record on reproducibles, all changes that may be made during actual installation of the system. Provide controller sequencing and control valve locations.

1. Immediately upon installation of any piping, valves, wiring, sprinklers, etc., in locations other than shown on the original drawings or of sizes other than indicated, the Contractor shall clearly indicate such changes on a set of blueline prints. Records shall be made on a daily basis. All records shall be neat and subject to the approval of the Owner.

2. The Contractor shall also indicate on the record prints the location of all wire splices, original or due to repair, that are installed underground in a location other than the controller pedestal, remote control valve box, power source or connection to a valve-in-head sprinkler.

3. These drawings shall also serve as work progress sheets. The Contractor shall make neat and legible notations thereon daily as the work proceeds, showing the work as actually installed. These drawings shall be available at all times for review and shall be kept in a location designated by the Owner's Representative.

4. Progress payment request and record drawing information must be approved by Landscape Architect before payment is made.

5. If in the opinion of the Owner or his representative, the record drawing information is not being properly or promptly recorded, construction payment may be stopped until the proper information has been recorded and submitted.

6. Before the date of the final site observation and approval, the Contractor shall deliver one set (copies) of reproducible record drawing plans and notes to the Landscape Architect. Record drawing information shall be approved by the Landscape Architect prior to submittal to Owner for final payments, including retentions.

- D. Operations and Maintenance Manuals: The Contractor shall prepare and deliver to the Owner, or his designated representative within ten (10) calendar days prior to completion of construction, a hard cover binder with three rings containing the following information:

1. Index sheet stating the Contractor's address and business telephone number, list of equipment with name(2) and address(es) of local manufacturer's representative(s).

2. Catalog and parts sheets on every material and equipment installed under this Contract.

3. Complete operating and maintenance instruction on all major equipment. Include initial controller schedule and recommended schedule after establishment period.

4. Demonstrate to and provide the Owner's maintenance personnel with instructions for major equipment and show evidence in writing to the Owner, or his designated representative at the conclusion of the project that this service has been rendered.

1.05 EXPLANATION OF DRAWINGS

- A. Due to the scale of the drawings, it is not possible to indicate all offsets, fittings and sleeves which may be required. The Contractor shall carefully investigate the structural and finished conditions affecting all of the work and plan his work accordingly, furnishing such offsets, fittings and sleeves as may be required to meet such conditions.

- B. The drawings are generally diagrammatic and indicative of the work to be installed. The work shall be installed in such a manner as to avoid conflicts between irrigation systems, planting and architectural features. Deviations shall be brought to the Landscape Architects attention.

- C. All work called for a on the drawings by notes or details shall be furnished and installed whether or not specifically mentioned in the specifications.

- D. The Contractor shall not willfully install the irrigation system as shown on the drawings when it is obvious in the field that obstructions, grade differences or discrepancies in area dimensions exist that might not have been known in engineering. Such obstructions or differences should be brought to the attention of the Landscape Architect. In the event that notification is not performed, the Contractor shall assume full responsibility for any revision necessary.

- E. If, in the opinion of the Landscape Architect, the labor furnished by the Contractor is incompetent, unskilled, or unreliable, his equipment inadequate, improper or unsafe, or if the Contractor shall fail to continuously and diligently execute the construction, the Landscape Architect or Owner shall, in writing, instruct the Contractor to remove all such causes of noncompliance and the Contractor shall promptly comply.

- F. The Contractor shall be responsible for full and complete coverage of all irrigation areas. The Landscape Architect shall be notified of any necessary adjustments at no additional cost to the Owner. Any revisions to the irrigation system must be submitted and answered in written form, along with any change in Contract price. Layout may be modified, if necessary to obtain coverage. Spacing not to exceed 60% of the diameter.

PART II: PRODUCTS

2.01 MATERIALS

Material and equipment shall be supplied by the Contractor. No substitutions shall be allowed without the prior written approval of the Owner/Landscape Architect. The Contractor shall inspect all materials and equipment prior to installation, and defective materials shall be replaced with the proper materials and equipment. Those items used in the installation found to be defective, improperly installed or not as specified, shall be removed and the proper materials and equipment installed in the proper manner, as interpreted by the Owner/Landscape Architect. The Contractor shall remove all damaged and defective pipe and equipment from the site.

2.02 PIPING

- A. General Provisions: All materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

- B. Polyvinyl Chloride Pipe (PVC): (Where indicated on plan, use non-potable purple piping.)

1. Laterals: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220. All lateral piping less than 3" in diameter shall be Class 200 SDR-21.

2. Main Line Under Pressure: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220, Schedule 40 with belled end for solvent weld connection.

3. Pipe Markings: All PVC pipe shall bear the following markings:
- o Manufacturer's Name
  - o Nominal Pipe Size
  - o Schedule or Class
  - o Pressure Rating of PSI
  - o NSF (National Sanitation Foundation) Approval
  - o Date of Extrusion

2.04 PVC JOINTS

Joints in PVC pipe smaller than 3" shall be solvent welded in accordance with the recommendations of the pipe manufacturer; the solvent cleaner and welding compound furnished with the pipe.

2.05 THREADED CONNECTIONS

- A. Threaded PVC connections shall be made up using Teflon tape only.

- B. Connection between mainline pipe fittings and automatic or manual control valves shall be made using Schedule 80 threaded fittings and nipples.

2.06 SOLVENT CEMENT

- A. General: Provide solvent cement and primer for PVC solvent weld pipe and fittings recommended by the manufacturer. Pipe joints for solvent weld pipe to be belled end. Pipe joints for gasketted pipe to be intrical ring type. Insert gaskets will not be accepted.

- B. Thrust Blocks: Main line piping 3" or greater in diameter shall have thrust blocks sized and placed in accordance with the pipe manufacturer's recommendations or, in the absence of specified recommendations by the pipe manufacturer, 3000 PSI concrete thrusts shall be properly installed at tees, elbows, 45's, crosses, reducers, plugs, caps and valves.

2.07 PIPE AND WIRE SLEEVES

- A. Sleeves to be installed:

1. The Contractor shall install irrigation system pipe and wire sleeves conforming to the following:

- a. All pipe sleeves shall extend a minimum of 36" beyond the edges of pavement.

- b. All pipe sleeves to be installed beneath future/existing road surfaces shall be PVC pipe Schedule 40 or jack and bore steel pipe as per FDOT specifications, and as shown on plans.

- c. All irrigation system wires shall be sleeved seperately from main or lateral lines.

- d. All pipe sleeves shall be installed at the minimum depth specified for main lines, lateral lines, and electric wire.

- e. Contractor shall coordinate all pipe sleeve locations and depths prior to initiating installation of the irrigation system.

2.08 SPRINKLER HEADS

- A. Spray Sprinklers: The sprinkler shall be a fixed spray type designed for in-ground installation. The nozzle shall elevate 6' (or as designated on plan) when in operation. The body of the sprinkler shall be constructed of non-corrosive heavy duty Dycolac. A filter screen shall be in the nozzle piston. All sprinkler parts shall be removable through the tip of the unit by removal of a threaded cap.

Riser mounted spray shall be as indicated on the plans. The sprinkler shall consist of a nozzle and body. The body of the riser-mount sprinkler shall be constructed of non-corrosive materials. A cone strainer shall be a separate part with the nozzle assembly to allow for easy flushing of the sprinkler. Maximum working pressure at the base of the sprinkler shall be 40 PSI.

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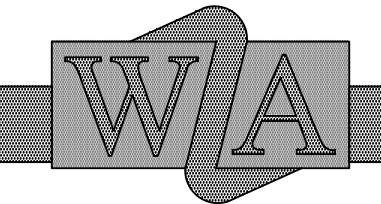
PROJECT LANDSCAPE ARCHITECT:

THOMAS C. HARGRETT, PLA

FL LICENSE NUMBER

LA #6667512

04/07/2025



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ZACKRIA**  
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Abbas H. Zackria, FL AR 91520

CORPORATE NAME: WALTERS, ZACKRIA ASSOCIATES, PLLC REGISTERED IN THE STATE OF FLORIDA. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. THESE DRAWINGS ARE THE PROPERTY OF WALTERS ZACKRIA ASSOCIATES, PLLC, AND SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM A PRINCIPAL OF THE FIRM OR BE LIABLE FOR THE FULLEST LEGAL RESOURCES. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO EXECUTION OF WORK.

**CITY OF POMPANO BEACH  
CHARLOTTE BURRIE COMM. CENTER  
PLAZA AND PASSIVE PARK**  
2669 N FEDERAL HWY,  
POMPANO BEACH, FL 33064

DRAWN BY: BM

CHECKED BY: TH

DATE: 04-07-2025

REVISIONS:

△10-23-23 PERMIT CO-ORD

△12-22-23 PERMIT CO-ORD

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△04-03-2025 COMMENTS

2203

L3.12

IRRIGATION NOTES



Plotted By:Torres, Tammy\_Sheet Set:Charlotte Burrie Park\_L3.13 IRRIGATION NOTES\_April 07, 2025 08:45:55am\_K:\WPB\_LIRPG\04\3310008--charlotte burrie park\CAD\plansheets\L3.13 IRRIGATION DETAILS.dwg

2.09 AUTOMATIC CONTROL VALVE

The automatic remote control valves shall be as specified on the plans, or approved equal.

2.10 GATE VALVES

- A. Gate valves for 3/4" through 2-1/2" shall be of brass or bronze construction, solid wedge, IPS threads, non-rising stem with wheel operating handle, for a continuous working pressure of 150 PSI.
- B. Gate valves for 3" and larger: Iron body, brass or bronze mounted AKWA gate valves, with a clear waterway equal to the full nominal diameter of the valve, rubber gasket for a continuous working pressure of 150p PSI. Valve shall be equipped with a square operating nut.

2.11 VALVE BOXES

- A. For gate valves, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.
- B. For control valves 3/4" through 2", the drip valve assemblies, use AMETEK #10-181-014 box with #10-181-015 locking lid, or sized as necessary to effectively house the equipment
- C. For control wiring splices, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.

2.12 IRRIGATION WIRING

- A. Wiring used for connecting the electric control valves to the controllers shall be Type UF, 600 volt, single strand, solid copper with PVC insulation 4/64" thick. Size shall be 14 gauge, red for "hot" or lead wires, and common wire to be 14 gauge, white in color.
- B. Contractor shall perform an ohm test on ground to assure adequate protection against surges and indirect lightning strikes.

2.13 MISCELLANEOUS MATERIALS

- A. Drainage Backfill: Cleaned gravel or crushed stone, graded from 1" maximum to 3/4" minimum.
- B. Metalized Underground Tape: The detectable, underground utility marking tape shall consist of a minimum: 5 mil (0.005") overall thickness; five-ply composition; ultra-high molecular weight, 100% virgin polyethylene; acid, alkaline and corrosion resistant; with no less than 150 pounds of tensile break strength per 6" width; color-code impregnated with color stable, lead-free, organic pigments suitable for direct burial. Tapes utilizing reprocessed plastics or resins shall not be acceptable. The detectable, underground utility marking tape shall have a 35 gauge (0.0035") solid aluminum foil, core encapsulated within a 2.55 mil (0.00255") polyethylene backing and a 0.6 mil (0.006") PET cover coating. The laminate on each side shall consist of a 0.75 mil (0.00075") layer of hot LPDE, poly-fusing the "sandwich" without use of adhesives.

2.14 AUTOMATIC CONTROL SYSTEM

An Independent Station Controller: Furnish a solid state controller, as specified on the plans. Each station shall be capable of timing from zero (0) minute to 99 minutes per station in one (1) minute increments.

Each station shall be capable of operating two (2) 7VA electric valve-in-head solenoids.

The stand-alone controller shall have two (2) possible programs.

The stand-alone controller shall provide global percentage increase/decrease (water budget) for all stations simultaneously, from ten (10) to two hundred (200) percent, in ten (10) percent increments.

All stations shall be able to be turned on/off manually buy operating timing mechanism or by manual switch at station output.

The stand-alone controller shall incorporate an integral MOV surge protection into the terminal block for each of its 24 VAC field wire outputs. Controller power input wires will also incorporate surge protection.

The control panel shall provide continuous display time. It shall have alphanumeric displays of descriptive English menus and legend identifiers with cursor selection of function and precision value adjustment by rotary dial input.

The stand-alone controller shall be UL listed and FCC approved.

The stand-alone controller shall have 117 VAC, 60 Hz input, 26.5 VAC, 60 Hz output for operating 24 VAC solenoids.

The stand-alone controller cabinet shall be a lockable and weather-resistant outdoor cabinet. Mount as noted on plans.

The controller shall be equipped with lightening protection, by the Contractor, on both the primary (120v) and each secondary (24v) circuit. The controller circuits shall be grounded to a copper clad grounding rod located at each controller.

The controller shall be equipped for a water conservation device. as specified.

PART III: EXECUTION

3.01 INSPECTION

The Contractor shall examine the areas and conditions under which landscape irrigation system is to be installed and notify the Landscape Architect in writing of conditions detrimental to the proper and timely completion of the work. The Contractor shall proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Landscape Architect.

3.02 PREPARATION

The Contractor shall provide sleeves to accommodate piping under walks or paving. The Contractor shall coordinate with other trades and install to accurate levels prior to paving work. Cutting and patching of paving and concrete will not be permitted. The Contractor shall maintain all warning signs, shoring, barricades, flares and red lanterns, as required by any local codes, ordinances or permits.

3.03 TRENCHING AND BACKFILLING

- A. Excavation: The Contractor shall stake out the location of each run of pipe, sprinkler heads, sprinkler valves and isolation valves prior to trenching. Excavation shall be open vertical construction sufficiently wide to provide free working space around the work installed and to provide ample space or backfilling and tamping. Trenches for pipe shall be cut to required grade lines, and compacted to provide accurate grade and uniform bearing for the full length of the line. The bottom of the trenches shall be free of rock or other sharp edged objects. Minimum cover shall be as follows:

Pipe and Wire Depth

Pressure Mainline	18" at top of pipe from Finish Grade
Lateral Piping (rotor)	12" at top of pipe from Finish Grade
Lateral Piping (pop-up)	12" at top of pipe from Finish Grade
Control Wiring	Side of main Line

- B. Minimum Clearances: All pipelines shall have a minimum clearance of six inches from each other and from lines of other crafts. Parallel lines shall not be installed directly over one another. No lateral line shall be installed in the main-line trench.

3.04 INSTALLATION OF PIPING

- A. PVC Pipe and Joints: The Contractor shall not install solvent wild pipe when air temperature is below 40ø F. Installation shall be in accordance with the manufacturer's instructions.

1. Only the solvent recommended by the pipe manufacturer shall be used. All PVC pipe and fittings shall be installed as outlined and instructed by the pipe manufacturer, and it shall be the Contractor's full responsibility to make arrangements with the pipe manufacturer for any field assistance that may be necessary. The Contractor shall assume full responsibility for the correct installation.

3.05 BACKFILLING PROCEDURES

Initial backfill on PVC lines shall be pulverized native soil, free of foreign matter. Within radius of 4" of the pipe shall be clean soil or sand. Plant locations shall take precedence over sprinkler and pipe locations. The Contractor shall coordinate the location of trees and shrubs with the routing of lines and final head locations.

- A. Backfill and Compaction: The Contractor shall leave trenches slightly mounded to allow for settlement after the backfilling is completed. The Contractor shall clean the site of the work continuously of excess waste materials as the backfilling progresses, and leave in a neat condition. No trenches shall be left open for a period of more than 48 hours. Protect open trenches as required.

The Contractor shall carefully backfill excavated materials approved for backfilling, consisting of earth, loam, sand, and other approved materials, free of rock and debris over 1" in size. Backfill shall be compacted to original density of surrounding soil without dips, sunken areas, or irregularities.

The Contractor shall conform to DOT requirements for methods and required compaction percentages, for roads and paving.

The Contractor shall hand place the first 6" of backfill (or to top of pipe) and have it walked on so as to secure the position of the pipe and wire.

No wheel rolling will be allowed. The Contractor shall remove rock or debris extracted from backfill materials and dispose of offsite. The Contractor shall fill any voids left in backfill with approved backfill materials.

- B. Existing Lawns: Where trenching is required across existing lawns, uniformly cut strips of sod 6" wider than trench. The Contractor shall remove sod in rolls of suitable size for handling and keep moistened until replanted. The Contractor shall replant sod within 48 hours after removal, roll and water generously. The Contractor shall resod any areas not in healthy condition equal to adjoining lawns 10 days after replanting.

- C. Seeded Area: Trenching will be required across existing seeded areas, primarily roadway edging. The Contractor shall conform to the requirements of seeding, Section 02930 for the reseeded of the disturbed trench area.

- D. Pavements: Jack and bore or directional bore piping under paving materials as per local regulatory codes. No cutting and patching of pavement will be permitted.

3.06 VALVES

- A. Isolation Valves: Shall be sized corresponding to adjacent pipe size. Specified valve boxes shall be installed flush with finish grade in such a manner that surface forces applied to their exposed area will not be transmitted to the piping in which the valve is installed nor any other piping, wiring or other lines in the vicinity of said valves.

- B. Gate Valves: Install where shown, in valve boxes.

- C. Electric Control Valves: Shall be installed in specified valve boxes. The valve shall have 6" of 3/4" pea gravel installed below the bottom of the valve. If the valve box does not extend to the base of the valve, a valve box extension shall be installed. Electric control valves shall be installed where shown and grouped together where practical. The Contractor shall place no closer than 24" to walk edges, bikeway edges, buildings and walls. The Contractor shall adjust the valve to provide flow rate or rated operating pressure required for each sprinkler circuit.

3.07 CONDUIT AND SLEEVES

- A. Conduit and Sleeves for Control Wiring and Main/Lateral Pipe: The Contractor shall provide and install where necessary. Contractor shall coordinate locations of previously installed sleeving with the General Site Contractor.

The Contractor shall coordinate installation of sleeves with work of other disciplines.

3.08 CONTROLS

- A. The Contractor shall connect electric control valves to controllers in a clockwise sequence to correspond with station settings beginning with Stations 1, 2, 3, etc. Automatic controllers shall be provided and installed by the Contractor as noted on the drawings. All zones will be labeled on the controller.

- B. Controllers shall be equipped with lightning protection and grounded to a standard 5/8" copper clad steel ground rod driven a minimum of 8' into the ground and clamped.

- C. The electrical service to the controllers shall be performed by an electrical subcontractor in compliance with NEC requirements.

3.09 CONTROL WIRE

- A. Control wiring between the controller and electric valves shall be buried in main line trenches or in separate trenches. Electrical connection at valve will allow for pigtail so solenoid can be removed from valve with sufficient slack to allow ends to be pulled 12" above ground for examination and cleaning.

- B. An expansion loop shall be provided at every valve at 100' o.c. Expansion loop shall be formed by wrapping wire at least eight times around a 3/4" pipe and withdrawing pipe.

- C. The wire shall be bundled and taped every ten feet. The wire shall be laid in the trench prior to installing the pipe being careful to install wire beneath and 6" to the side of the main pipe line.

- D. Electrical connections to electric control valves shall be made with Rainbird Pen-Tite or Techdel GT-3-GEL - Tite connectors or equal.

Power Connections: Electrical connections to power and signal wires shall be made using 3M 82-A2 power cable splice kits.

3.10 SPRINKLER HEADS

A. General Provisions:

1. Sprinkler heads shall be installed as designated on the shop drawings. Heads shall be installed on flexible PVC. Top to be flush with finish grade or top of curb.

2. Spacing of heads shall not exceed the maximum indicated on the shop drawings (unless directed by the Landscape Architect). In no case shall the spacing exceed the maximum recommended by the manufacturer.

B. Head Types:

1. Pop-up- Rotary Sprinkler Heads: Shall be installed on flex joint and be set with top of head flush with finish grade. Heads installed at curb shall have 6" to 10" between perimeter of head and concrete. Heads placed at edge of pavement having no curb shall be installed 24" from edge of pavement.

2. Spray Pop-up Sprinkler Heads: Shall be installed on flexible PVC and be set with top of head flush with finished grade. Sprinkler heads placed adjacent to curbs will be installed 9" from concrete. Sprinkler heads placed adjacent to pavement having no curb shall be installed 24" from the edge of pavement.

3.11 COMPLETION

- A. Flushing: Before sprinkler heads are set, the Contractor shall flush the lines thoroughly to make sure there is no foreign matter in the lines.

The Contractor shall flush the main lines from dead end fittings for a minimum of five minutes under a full head of pressure.

- B. Testing: The Contractor shall notify Landscape Architect and Owner forty-eight (48) hours in advance of testing.

Prior to backfilling of main line fittings, Contractor shall fill the main line piping with water, in the presence of the Owner/Landscape Architect, taking care to purge the air from it by operating all the sprinkler control valves one or more times and/or such other means as may be necessary. A small, high pressure pump or other means of maintaining a continuous water supply shall be connected to the main line and set so as to maintain 100 PSI in the main line system for two (2) hours without interruption. When this has been accomplished and while the pressure in the system is still 100 PSI, leakage testing shall be performed in accordance with AKWA Standard C-600. Pressure readings shall be noted and make up water usage shall be recorded. Should the rate of make up water usage indicate significant leakage, the source of such leakage shall be found and corrected and the system then retested until the Owner/Landscape Architect is satisfied that the system is reasonably sound. Lateral line testing shall be conducted during the operating testing of the system by checking visually the ground surface until no leaks in this portion of the system are evident. Leaks shall be repaired or paid for by the Contractor at any time they appear during the warranty period.

- C. Adjustment and Coverage of System: Coordinate pressure testing with adjustments and coverage test of system so both may occur at the same time. The Contractor shall balance and adjust the various components of the system so that the overall operation of the system is most efficient. This includes a synchronization of the controllers, adjustments to pressure regulators, pressure relief valves, part circle sprinkler heads, and individual station adjustments on the controllers.

3.12 WARRANTY

- A. The Contractor shall fully warrant the landscape irrigation system for a period of one (1) year after the written final acceptance and will receive a written confirmation from the Landscape Architect that the warranty period is in effect.

- B. During the warranty period, the Contractor will enforce all manufacturer's and supplier's warranties as if made by the Contractor himself. Any malfunctions, deficiencies, breaks, damages, disrepair, or other disorder due to materials, workmanship, or installation by the Contractor and his suppliers shall be immediately and properly corrected to the proper order as directed by the Owner and/or Landscape Architect.

- C. Any damages caused by system malfunction shall be the responsibility of the Contractor who shall make full and immediate restoration for said damages.



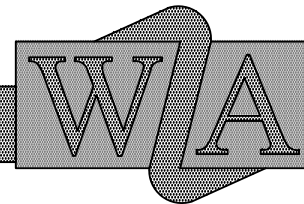
PROJECT LANDSCAPE ARCHITECT:

THOMAS C. HARGRETT, PLA

FL LICENSE NUMBER

LA #6667512

04/07/2025



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**CITY OF POMPANO BEACH**  
**CHARLOTTE BURRIE COMM. CENTER**  
**PLAZA AND PASSIVE PARK**  
**2669 N FEDERAL HWY,**  
**POMPANO BEACH, FL 33064**

DRAWN BY: BM

CHECKED BY: TH

DATE: 04-07-2025

REVISIONS:

△10-23-23 PERMIT CO-ORD

△12-22-23 PERMIT CO-ORD

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△04-03-2025 COMMENTS







2203

**L3.13**

IRRIGATION NOTES



POWER SYMBOLS



SINGLE RECEPTACLE - WALL, CEILING, FLOOR

DUPLEX RECEPTACLE - WALL, CEILING, FLOOR, SURFACE

DOUBLE DUPLEX RECEPTACLE - WALL, CEILING, FLOOR

RECEPTACLE, 220V, 3 PHASE - SINGLE, DUPLEX

RECEPTACLE, 240/208V, 1 PHASE - WALL, FLOOR

RECEPTACLE, 480V, 3 PHASE - WALL, FLOOR



RECEPTACLE IDENTIFIERS:


"A" ABOVE COUNTER


"C" CEILING


"GFCI" GROUND FAULT CIRCUIT INTERRUPTER


"WP" WEATHERPROOF


PP  /  PP POWER POLE - NEW / EXISTING


 PD POWER AND DATA FURNITURE FEED


 M UTILITY METER


 DM DIGITAL METER


 MP MAIN DISTRIBUTION PANEL


 RP RECESSED ELECTRICAL PANEL - NEW / EXISTING


 SP SURFACE MOUNTED ELECTRICAL PANEL - NEW / EXISTING


 TC TELEPHONE TERMINAL CABINET


 CP CONTROL PANEL


 NFD NON-FUSED DISCONNECT SWITCH


 FD FUSED DISCONNECT SWITCH


 MS MOTOR STARTER


 CMS COMBINATION DISCONNECT SWITCH / MOTOR STARTER

 SM SINGLE-PHASE MOTOR







 TM THREE-PHASE MOTOR

 VFD VARIABLE FREQUENCY DRIVE

 PB1 PUSHBUTTON - 1 BUTTON, 2 BUTTON, 3 BUTTON

 PBE OFF PUSHBUTTON - EMERGENCY OFF

LIGHTING SYMBOLS



POLE MOUNTED FIXTURE - SINGLE HEAD











POLE MOUNTED FIXTURE - DOUBLE HEAD

RECTANGULAR CEILING FIXTURE

RECTANGULAR EMERGENCY CEILING FIXTURE

RECTANGULAR WALL MOUNTED FIXTURE

RECTANGULAR WALL MOUNTED EMERGENCY FIXTURE



ROUND/MISCELLANEOUS LIGHT FIXTURE - CEILING / WALL MOUNTED

ROUND/MISCELLANEOUS EMERGENCY LIGHT FIXTURE - CEILING / WALL MOUNTED

WALL WASHER FIXTURE

SPOT LIGHT FIXTURE








TRACK LIGHTING

LINEAR FIXTURE

EMERGENCY LINEAR FIXTURE

WALL MOUNTED LINEAR FIXTURE

WALL MOUNTED EMERGENCY LINEAR FIXTURE



EXIT LIGHT - CEILING / WALL MOUNTED, HATCH INDICATES NUMBER OF FACES, ARROWS AS INDICATED ON PLANS

BATTERY OPERATED EMERGENCY LIGHTING UNIT















COMBINATION EMERGENCY/EXIT LIGHTING UNIT

DUAL REMOTE HEAD EMERGENCY UNIT - CEILING/WALL MOUNT

EMERGENCY LIGHTING UNIT BATTERY

"NL" 'NL' INDICATES UNSWITCHED NIGHT LIGHT

WIRING SYMBOLS



CONDUIT RUN

EXISTING CONDUIT / WIRE

CONDUIT / WIRE TO BE REMOVED (DEMOLITION)

CONDUIT UP

CONDUIT DOWN

CONDUIT HOMERUN TO PANEL

FEEDER NUMBER, REFER TO BRANCH WIRING SCHEDULE

UNDERGROUND GROUND WIRE

UNDERGROUND TELECOMMUNICATIONS CONDUIT / DUCT

UNDERGROUND ELECTRICAL CONDUIT / DUCT


















JUNCTION BOX

PULL BOX

GROUND ROD

TAP

SWITCHING SYMBOLS



SINGLE POLE TOGGLE SWITCH

DOUBLE POLE SWITCH

THREE-WAY SWITCH

FOUR-WAY SWITCH

DIMMER SWITCH

FAN CONTROLLER

LOW VOLTAGE SWITCH

MOMENTARY CONTACT SWITCH

WALL MOUNTED OCCUPANCY SENSOR WITH INTEGRAL SWITCH

TIMER SWITCH

WEATHERPROOF SWITCH

MOTORIZED PROJECTION SCREEN SWITCH

HORSEPOWER RATED SWITCH

DIMMING STATION

OCCUPANCY SENSOR - WALL / CEILING MOUNTED

PHOTO CELL

LIGHTING CONTACTOR

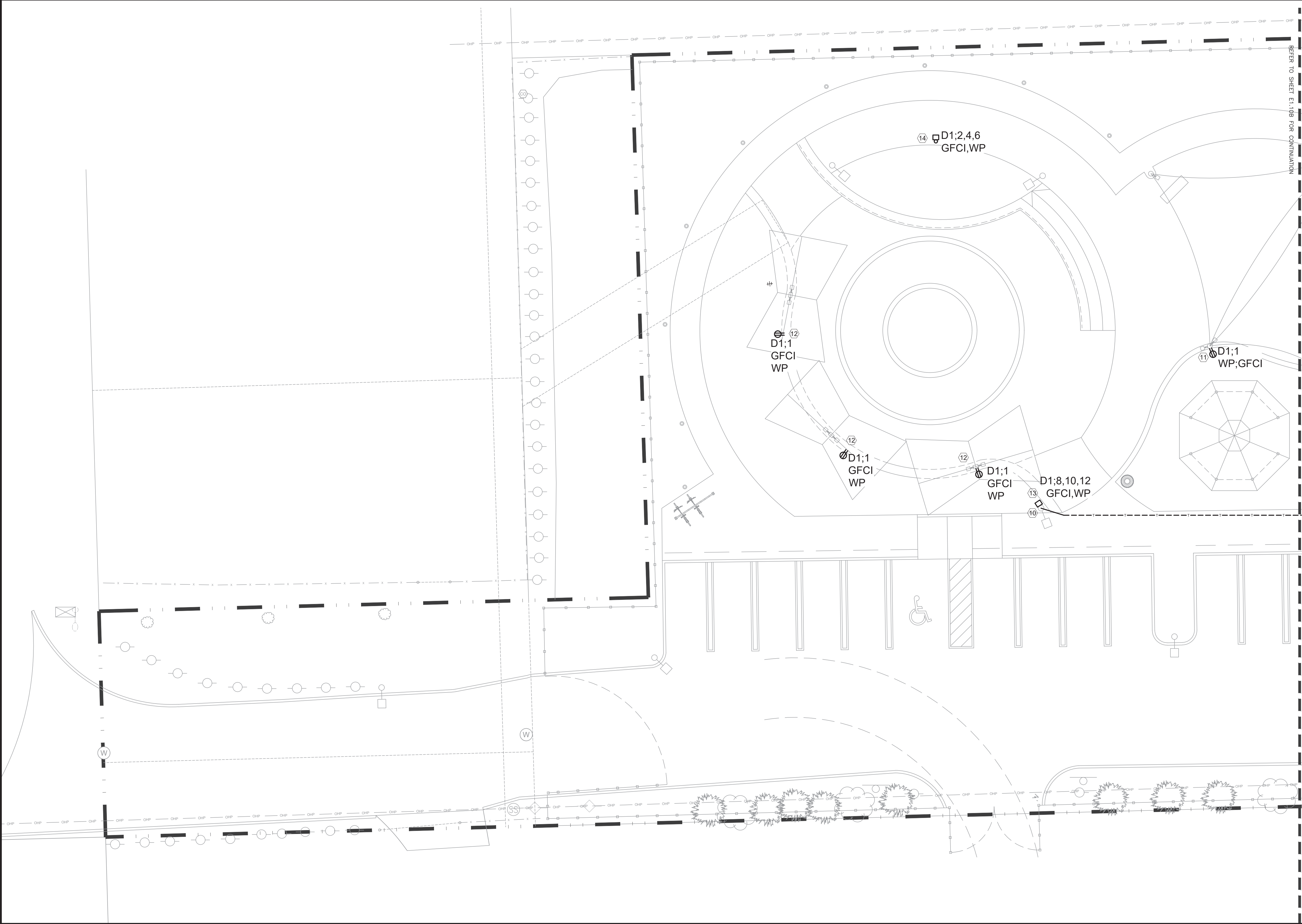
ELECTRICAL GENERAL NOTES

1. CONTRACTOR SHALL COMPLY WITH THE LATEST EDITIONS OF ALL RELEVANT NFPA AND FBC REQUIREMENTS.	ADDITIONAL ACCESS PANEL LOCATIONS SHALL BE APPROVED BY THE ARCHITECT.
2. DRAWINGS ARE DIAGRAMMATICAL AND INDICATE DESIGN INTENT.	18. MOUNTING HEIGHTS OF ELECTRICAL DEVICES ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED.
3. DO NOT SCALE DRAWINGS.	19. ELECTRICAL DEVICE OUTLETS SHALL NOT BE LOCATED BACK TO BACK WITHIN THE SAME STUD SPACE IN INTERIOR WALLS, WHICH ARE INSULATED. THE DEVICES IN ONE ROOM SHALL BE OFFSET TO THE NEXT STUD SPACE.
4. FIELD VERIFY EXISTING CONDITIONS AND ACTUAL DIMENSIONS PRIOR TO START OF WORK.	20. MULTIGANG DEVICES SHALL BE GANGED UNDER SINGLE MULTIGANG COVERPLATE.
5. THOROUGHLY COORDINATE ELECTRICAL WORK WITH OTHER TRADES TO AVOID PHYSICAL CONFLICTS AND CONFLICTS WITH WORK SEQUENCE.	21. WHERE ELECTRICAL DEVICES ARE INDICATED ON A COLUMN, THE DEVICE SHALL BE CENTERED ON THE COLUMN SURFACE.
6. REFER TO ARCHITECTURAL DRAWINGS FOR WALLS WITH SPECIAL WALL FINISHES. COORDINATE OVERALL WALL COVERING THICKNESS AND PROVIDE PLASTER RING WITH APPROPRIATE DEPTH.	22. ALL EMERGENCY WIRING SHALL BE IN SEPARATE CONDUIT FROM NON-EMERGENCY WIRING (EXCEPT AT J-BOX AND FINAL CONNECTION TO LIGHT FIXTURES).
7. ALL CONDUITS SHALL CONTAIN PROPERLY SIZED GROUND WIRE.	23. REFER TO ONE LINE DIAGRAM FOR CONDUIT AND WIRE SIZES.
8. ALL CONDUIT AND WIRING SHALL BE CONCEALED IN WALL OR CEILING CAVITY EXCEPT FOR EXISTING BLOCK WALLS AND AREAS WITH EXPOSED CEILING CONSTRUCTION. ALL AREAS WITH NEW WALLS OR RECONSTRUCTED WALLS SHALL HAVE CONDUIT AND WIRING CONCEALED IN WALL CAVITY. EXPOSED CONDUIT IN HIGH BAY STORAGE, MAINTENANCE AND DELIVERY STORAGE SHALL BE RGS UP TO 10 FT HEIGHT ABOVE FINISHED FLOOR, WHERE MOUNTED EXPOSED.	24. PROVIDE CONDUIT CONNECTOR OR BUSHING ON END OF CONDUIT FOR ALL CONDUIT STUB OUTS.
9. THE ELECTRICAL CONTRACTOR MAY, AT THEIR OPTION, REUSE A PORTION OR ALL OF EXISTING MULTI-BRANCH CIRCUIT WIRING AND/OR CONDUIT(S) PROVIDED THEY MEET ALL THE REQUIREMENTS OF THE NEW INSTALLATIONS (I.E., APPROPRIATE ROUTING, CONDUIT SIZE, CONDUIT TYPE, WIRE SIZE FOR LENGTH WITH DERATING, ETC.).	25. WALL COMMUNICATION OUTLET ROUGH IN SHALL BE PROVIDED WITH 2 GANG BACKBOX, REDUCING 1 GANG PLASTER RING, ¾" CONDUIT STUB TO ACCESSIBLE CEILING SPACE AND NYLON PULL STRING.
10. BRANCH CIRCUIT WIRING SHALL BE DERATED PER NEC 310-15. DUE TO HARMONIC LOADING, THE NEUTRAL CONDUCTOR SHALL BE CONSIDERED AS CURRENT CARRYING CONDUCTOR FOR DERATING PURPOSES.	35. ALL 120 VOLT BRANCH CIRCUITS SHALL BE PROVIDED WITH SEPARATE FULL SIZE NEUTRAL CONDUCTORS.
11. MAIN BRANCH CIRCUIT CONDUIT RUNS SHALL BE EMT. FLEXIBLE CONDUIT OR MC CABLE MAY BE USED FOR FINAL RUN TO POWER POLE (MAXIMUM OF 10 FEET LENGTH) OR FOR FISHING DOWN EXISTING WALLS. REFER TO SPECIFICATIONS FOR ADDITIONAL RACEWAY RESTRICTIONS.	36. 120 VOLT BRANCH CIRCUITS MAY SHARE FULL SIZE GROUND WITH UP TO 3 CIRCUITS WHICH SERVE SIMILAR LOADS.
12. WHERE GFCI PROTECTION IS INDICATED, A GFCI TYPE RECEPTACLE SHALL BE PROVIDED AT EACH LOCATION. LOAD SIDE PROTECTION OF DOWN STREAM DEVICES WILL NOT BE ACCEPTABLE. GFCI RECEPTACLES SHALL BE READILY ACCESSIBLE.	37. CIRCUIT NUMBERS ARE INDICATED FOR CIRCUIT QUANTITIES AND GENERAL CONFIGURATION ONLY. ACTUAL CIRCUIT NUMBERS MAY VARY. FIELD VERIFY. PROVIDE ACTUAL CIRCUIT NUMBERS ON AS-BUILTS.
13. RECEPTACLES WITHIN 6 FT OF SINKS SHALL BE GFCI.	38. PROVIDE FIELD LABELING OF ALL NEW BRANCH CIRCUITS AND ALL EXISTING RECEPTACLE DEVICES TO INDICATE PANEL BOARD AND CIRCUIT NUMBER OF SOURCE. PROVIDE LABELING ON DEVICE COVER PLATE OR J-BOX COVER.
14. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE POWER FEED(S) TO ANY/ALL MECHANICAL EQUIPMENT THAT REQUIRE A POWER FEED, UNLESS OTHERWISE NOTED. COORDINATE WITH INFORMATION ON MECHANICAL DRAWINGS AND MECHANICAL TRADES ON SITE.	39. ELECTRICAL TRADES TO VERIFY EXISTING CIRCUITS WHICH REMAIN AND QUANTITY OF AVAILABLE SPARE CIRCUITS IN EACH PANEL BOARD AFTER PRE-BID/PRE-DEMOLITION INVESTIGATION IS COMPLETE. IF QUANTITY OF AVAILABLE CIRCUITS IS LESS THAN QUANTITY INDICATED TO BE USED ON NEW WORK PLANS, REVIEW CIRCUITING WITH OWNER'S REPRESENTATIVE AND ENGINEER FOR REVISION OF CIRCUIT QUANTITIES AND LOAD SERVED. CIRCUIT QUANTITY ADJUSTMENTS TO BE MADE BASED ON UNIT PRICING.
15. REFER TO ARCHITECTURAL DRAWINGS FOR WALLS TO BE PROVIDED WITH INSULATION FOR ACOUSTICAL PURPOSES.	40. CONDUCTORS SIZED FOR VOLTAGE DROP THAT ARE TOO LARGE FOR LUGS SHALL BE REDUCED USING STRAIGHT PIN TERMINALS WITH STRANDED PIGTAIL AND INSULATING COVERS. USE STRANDED BI-METALLIC PIN TERMINALS.
16. ALL EMPTY CONDUITS SHALL BE DEBURRED, CLEANED, TAGGED AND PROVIDED WITH A NYLON PULL STRING AND CAPPED AT OPEN ENDS NOT TERMINATED ANY WHERE.	41. PROVIDE PULL BOXES AS REQUIRED TO INTERCEPT FEEDER AND BRANCH CIRCUITS AND EXTEND TO NEW PANEL LOCATION. REFER TO SPECIFICATIONS FOR APPROVED SPLICING METHODS. LOCATE PULL BOXES IN JOIST.
17. IN AREAS WITH GYPSUM BOARD CEILINGS THE ELECTRICAL TRADES SHALL ROUTE CONDUIT AND POSITION PULL/JUNCTION BOXES TO ALLOW ACCESS THRU ACCESS PANELS BY ARCHITECTURAL TRADES, WHERE POSSIBLE. WHERE ADDITIONAL ACCESS PANELS ARE REQUIRED FOR ELECTRICAL EQUIPMENT, THE ELECTRICAL TRADES SHALL INCLUDE THE ACCESS PANEL IN THE BID. ACCESS PANEL SHALL BE INSTALLED BY THE CEILING INSTALLER.	42. COORDINATE SEQUENCING AND TEMPORARY REQUIREMENTS TO MAINTAIN LIGHTING SYSTEM OPERATION DURING CONSTRUCTION.
	43. THE ELECTRICAL TRADES SHALL PROVIDE FIELD INVESTIGATION TO VISUALLY AND ELECTRICALLY TRACE BRANCH CIRCUITS, WHICH ARE TO BE REMOVED. IF BRANCH CIRCUITS SERVE LIGHTING OR EQUIPMENT OUTSIDE OF THE PROJECT SCOPE, THE EXISTING BRANCH CIRCUIT WIRING SHALL BE MAINTAINED TO SERVE THESE LOADS.

ELECTRICAL SHEET INDEX

E0.01	ELECTRICAL LEGEND & GENERAL NOTES
E1.10A	ELECTRICAL POWER - SITE PLAN
E1.10B	ELECTRICAL POWER - SITE PLAN
E1.20	ELECTRICAL SITE PLAN LIGHTING
E1.30	ELECTRICAL PHOTOMETRICS PLAN
E5.00	ELECTRICAL SPECIFICATIONS & DETAILS
E6.00	ELECTRICAL RISERS & SCHEDULES





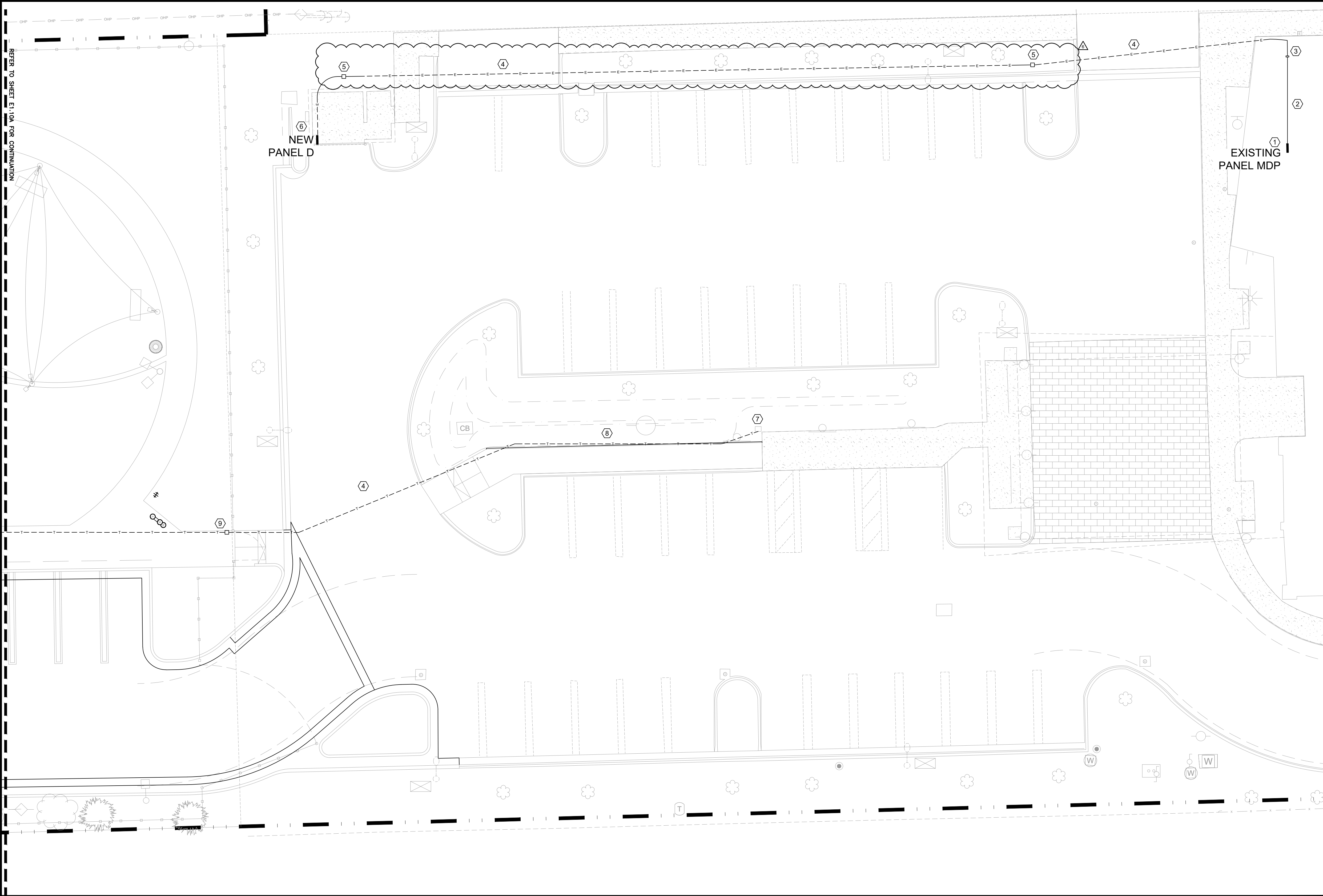
**ELECTRICAL POWER SITE PLAN**  
SCALE: 1" = 10'-0"

- GENERAL NOTES:**
- COORDINATE EXACT UNDERGROUND CONDUIT ROUTING ON SITE. CONTRACTOR SHALL ENSURE NO EXISTING UNDERGROUND UTILITIES ARE DISTURBED.
  - ALL CONDUITS SHALL HAVE PULLSTRINGS INSTALLED.
  - PROVIDE HANDHOLES EVERY 100' AND AS REQUIRED TO MEET NEC REQUIREMENTS.
  - ALL HANDHOLES IN LANDSCAPED AREAS SHALL HAVE AN ANSI TIER 15 RATING. HANDHOLES IN ROADWAYS AND PARKING LOT AREAS SHALL BE TIER 22.
  - ELECTRICAL HANDHOLES SHALL HAVE A LID LABELED AS "ELECTRICAL". COMMUNICATION HANDHOLES SHALL HAVE A LID LABELED AS "COMMUNICATIONS".
  - ALL ABOVE GROUND EXTERIOR CONDUIT UP TO 10' SHALL BE RIGID GALVANIZED STEEL. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.

- KEY NOTES:**
- ROUTE NEW CIRCUIT FROM EXISTING DISTRIBUTION BOARD MDP IN EXISTING ELECTRICAL ROOM TO NEW PANEL "D" AS SHOWN.
  - ROUTE EMT CONDUIT ABOVE REFLECTED CEILING. COORDINATE WITH EXISTING UTILITIES. SEAL CONDUIT AT EVERY WALL PENETRATION TO RETAIN EXISTING FIRE RATINGS OF WALLS.
  - PROVIDE AN EXTERIOR RATED WALL MOUNTED STAINLESS STEEL BOX AT 4' A.F.F. TO TRANSITION CONDUIT TO UNDERGROUND.
  - BORE 2" PVC CONDUIT UNDER ROADWAY TO NEW HANDHOLE.
  - PROVIDE HANDHOLE AND PVC CONDUIT IN GRAVEL AREA TO NEW PANEL "D". CONDUIT SHALL BE AT 30" MINIMUM DEPTH.
  - INSTALL NEW PANEL "D" ON WALL OF EXISTING DUMPSTER ENCLOSURE. CONTRACTOR SHALL TRIM EXISTING HEDGES TO PROVIDE CLEARANCE FOR PANEL.
  - ROUTE NEW 2" CONDUIT TO EXISTING TELECOM POLE. STUB CONDUIT 12" ABOVE GROUND. INSTALL MAXCELL FABRIC INNERDUCT IN CONDUIT.
  - ROUTE PVC TELECOM CONDUIT IN EXCAVATED AREA NEXT TO NEW WALKWAY. TELECOM CONDUIT SHALL BE MIN. 24" BELOW GRADE.
  - PROVIDE TELECOM HANDHOLE IN LANDSCAPED AREA.
  - STUB TELECOM CONDUIT INSIDE NEW LIGHTING POLE UP TO INTEGRAL POLE HANDHOLE.
  - INSTALL RECEPTACLE 4' A.F.F.
  - INSTALL RECEPTACLE ON CONCRETE BENCH 18" A.F.F. ABOVE GROUND CONDUIT AND ELBOW TRANSITIONING TO PVC SHALL BE GALVANIZED RIGID STEEL.
  - INSTALL 3-PHASE EVENT RECEPTACLE ON LIGHT POLE. REFER TO DETAIL 1 ON SHEET E5.00 FOR RECEPTACLE SPECIFICATIONS.
  - PROVIDE 4' POST AND INSTALL 3-PHASE RECEPTACLE AS SHOWN ON DETAIL 1 ON SHEET E5.00.







NORTH

1

ELECTRICAL POWER SITE PLAN

SCALE: 1" = 10'-0"

- GENERAL NOTES:

1.

COORDINATE EXACT UNDERGROUND CONDUIT ROUTING ON SITE. CONTRACTOR SHALL ENSURE NO EXISTING OR NEW UNDERGROUND UTILITIES ARE IN CONFLICT WITH ELECTRICAL DUCTBANK.

2.

ALL CONDUITS SHALL HAVE PULLSTRINGS INSTALLED.

3.

PROVIDE HANDHOLES EVERY 100' AND AS REQUIRED TO MEET NEC REQUIREMENTS.

4.

ALL HANDHOLES IN LANDSCAPED AREAS SHALL HAVE AN ANSI TIER 15 RATING. HANDHOLES IN ROADWAYS AND PARKING LOT AREAS SHALL BE TIER 22.

5.

ELECTRICAL HANDHOLES SHALL HAVE A LID LABELED AS "ELECTRICAL". COMMUNICATION HANDHOLES SHALL HAVE A LID LABELED AS "COMMUNICATIONS".

6.

ALL ABOVE GROUND EXTERIOR CONDUIT UP TO 10' SHALL BE RIGID GALVANIZED STEEL. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.
- KEY NOTES:

1

ROUTE NEW CIRCUIT FROM EXISTING DISTRIBUTION BOARD MDP IN EXISTING ELECTRICAL ROOM TO NEW PANEL "D" AS SHOWN.

2

ROUTE EMT CONDUIT ABOVE REFLECTED CEILING. COORDINATE WITH EXISTING UTILITIES. SEAL CONDUIT AT EVERY WALL PENETRATION TO RETAIN EXISTING FIRE RATINGS OF WALLS.

3

PROVIDE AN EXTERIOR RATED WALL MOUNTED STAINLESS STEEL BOX AT 4' A.F.F. TO TRANSITION CONDUIT TO UNDERGROUND.

4

BORE 2" PVC CONDUIT UNDER ROADWAY TO NEW HANDHOLE.

5

PROVIDE HANDHOLE AND PVC CONDUIT IN GRAVEL AREA TO NEW PANEL "D". CONDUIT SHALL BE AT 30" MINIMUM DEPTH.

6

INSTALL NEW PANEL "D" ON WALL OF EXISTING DUMPSTER ENCLOSURE. CONTRACTOR SHALL TRIM EXISTING HEDGES TO PROVIDE CLEARANCE FOR PANEL.

7

ROUTE NEW 2" CONDUIT TO EXISTING TELECOM POLE. STUB CONDUIT 12" ABOVE GROUND. INSTALL MAXCELL FABRIC INNERDUCT IN CONDUIT.

8

ROUTE PVC TELECOM CONDUIT IN EXCAVATED AREA NEXT TO NEW WALKWAY. TELECOM CONDUIT SHALL BE MIN. 24" BELOW GRADE.

9

PROVIDE TELECOM HANDHOLE IN LANDSCAPED AREA.

10

STUB TELECOM CONDUIT INSIDE NEW LIGHTING POLE UP TO INTEGRAL POLE HANDHOLE.

11

INSTALL RECEPTACLE 4' A.F.F.

12

INSTALL RECEPTACLE ON CONCRETE BENCH 18" A.F.F. ABOVE GROUND CONDUIT AND ELBOW TRANSITIONING TO PVC SHALL BE GALVANIZED RIGID STEEL.

13

INSTALL 3-PHASE EVENT RECEPTACLE ON LIGHT POLE. REFER TO DETAIL 1 ON THIS SHEET FOR RECEPTACLE SPECIFICATIONS.

14

PROVIDE 4' POST AND INSTALL 3-PHASE RECEPTACLE AS SHOWN ON DETAIL 1 ON THIS SHEET.

B

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CITY OF POMPANO BEACH

CHARLOTTE BURRIE COMM. CENTER

PLAZA AND PASSIVE PARK

2601 NE 16TH AVE;

POMPANO BEACH, FL 33064

DRAWN BY: JA

CHECKED BY: AZ

DATE: 08-21-2023

REVISIONS:

04-03-25

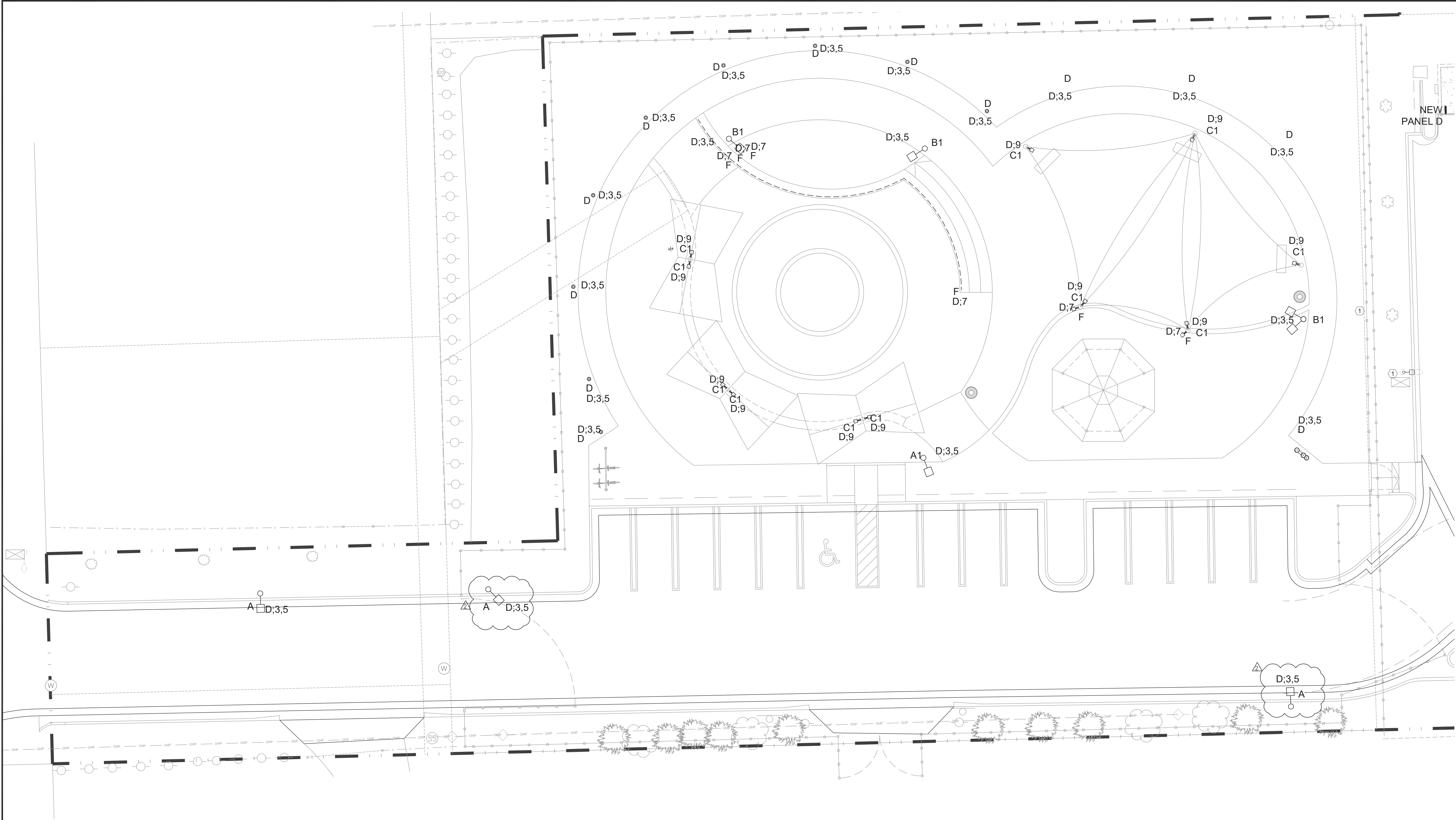
OWNER COMMENTS

2203

E1.10B

ELECTRICAL POWER  
SITE PLAN





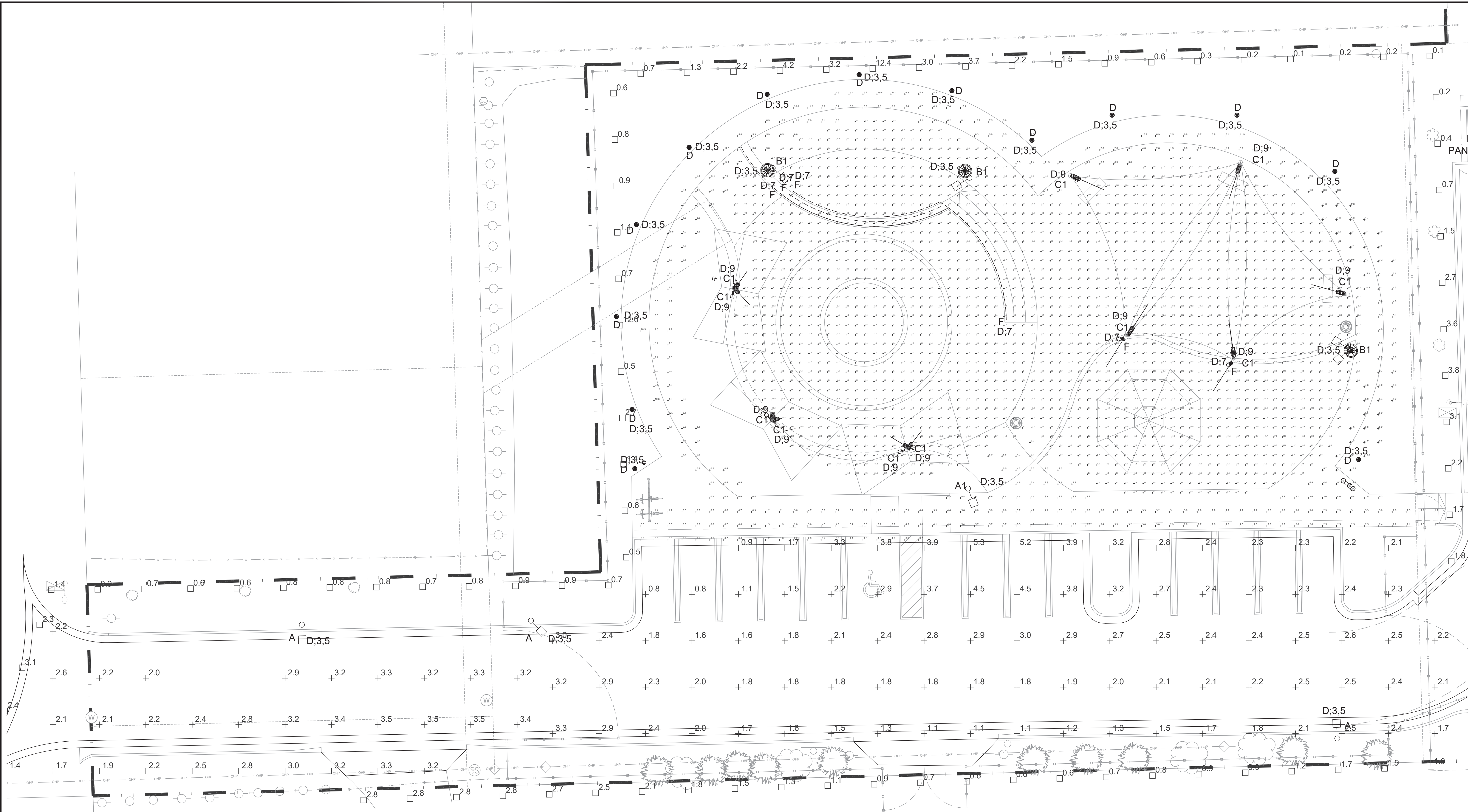
**KEY NOTES:**

1 EXISTING LIGHT POLE TO REMAIN.

**GENERAL NOTES:**

1. CONTRACTOR SHALL PROVIDE SIGNED AND SEALED SHOP DRAWINGS FOR A FLORIDA STRUCTURAL PE FOR WIND RATINGS OF POLES & POLE MOUNTED FIXTURES.





SCHEDULE						
SYMBOL	LABEL	Manufacturer	CATALOG NUMBER	DESCRIPTION	Lumens per Lamp	WATTS
	A	Lithonia Lighting	DSX0 LED P6 40K 70CRI T3M HS	D-SERIES SIZE 0 AREA LUMINAIRE P6 PERFORMANCE PACKAGE 4000K CCT 70 CRI TYPE S MEDIUM HOUSESIDE SHIELD	14853	137
	B1	Lithonia Lighting	RADPT P5 40K SYM	RADEAN Post-Top with P5 4000K Symmetric DISTRIBUTION	16293	123
	C1	Luminis Canada Inc.	SY802-L2L70-R40 (Tilted 30deg in field)	SYRIOS ROUND 8	13109	146
	D	Lithonia Lighting	RADB LED P4 40K SYM DNAXD	RADB LED P4 40K SYM DNAXD	1610	19
	F	ANYBEND -SW	CT185-L1L180-TYP4-MOD-PM	FULLY ENCAPSULATED LINEAR LED FOR STAIRS	5620	132
	G	Luminis Lighting	CT180-L2L55-CK-K40	CT180	5620	65

Statistics						
Description	Avg	Max	Min	Max/Min	Avg/Min	Symbol
Entry Drive	2.8 fc	3.5 fc	1.4 fc	2.5:1	2.0:1	+
Parking Lot	2.3 fc	5.3 fc	0.8 fc	6.6:1	2.9:1	+
Play and Sitting Area	11.1 fc	130.8 fc	0.7 fc	186.9:1	15.9:1	+
Walkway	4.7 fc	33.8 fc	0.4 fc	84.5:1	11.8:1	+
Boundry	1.7 fc	12.4 fc	0.1 fc	124.0:1	17.0:1	+

**GENERAL NOTES:**

1. CONTRACTOR SHALL PROVIDE SIGNED AND SEALED SHOP DRAWINGS FOR A FLORIDA STRUCTURAL PE. FOR WIND RATINGS OF POLES & POLE MOUNTED FIXTURES.

**REVISION 1 CHANGES**

1. REVISED PHOTOMETRIC CALCULATIONS TO REFLECT NEW LIGHTING LAYOUT



ELECTRICAL SPECIFICATIONS

GENERAL:

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID TO BE FAMILIARIZED WITH THE PROJECT AND ALL ASPECTS OF THE WORK TO BE PERFORMED.
2. ALL WORK SHALL CONFORM TO AND COMPLY WITH APPLICABLE BUILDING CODES: REFER TO ARCHITECTURAL COVER SHEET FOR A LIST OF CODES BEING USED ON THIS PROJECT. NOTE: CONTRACTOR SHALL ALSO VERIFY WITH LOCAL AUTHORITY HAVING JURISDICTION AND LOCAL FIRE MARSHAL FOR ANY REQUIREMENTS NOT LISTED IN REQUIRED CODES AND REFERENCES.
3. INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER.
4. GUARANTEE THE WORK FOR A PERIOD OF ONE YEAR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS INCLUDING ARRANGING ALL INSPECTIONS REQUIRED FOR THE WORK TO BE UNDERTAKEN AND ACCEPTED.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES FOR ALL FINAL SERVICE CONNECTION REQUIREMENTS. THE CONTRACTOR SHALL INCLUDE IN CONTRACT PRICE ANY FEES REQUIRED BY UTILITY COMPANIES FOR SERVICE CONNECTIONS.
7. CUT ALL SURFACES AS REQUIRED FOR THE INSTALLATION AND PATCH TO MATCH EXISTING CONDITIONS AND FINISH.
8. ALL MATERIALS AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE NOTED AND SHALL BE TESTED AND LISTED BY UNDERWRITERS LABORATORIES (UL).
9. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED PER NEMA STANDARDS, APPLICABLE ANSI STANDARDS AND IEEE STANDARDS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CONNECTIONS TO ALL EQUIPMENT REQUIRING POWER.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS, PRODUCT DATA AND WIRING DIAGRAMS AS REQUIRED BY EACH SECTION. PRODUCT DATA SHALL BE MARKED TO IDENTIFY THE EXACT MODEL NUMBER AND OPTIONS THAT ARE TO BE PROVIDED. SHOP DRAWINGS SHALL BE SUBMITTED ELECTRONICALLY TO THE ARCHITECT FOR ENGINEER'S APPROVAL. ONCE THE ENGINEER RECEIVES THE SUBMITTAL, THE REVIEW PROCESS WILL REQUIRE FIVE (5) BUSINESS DAYS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING OPERATION AND MAINTENANCE (O&M) MANUALS. THESE MANUALS SHALL BE A VINYL THREE RING BINDER WHICH IS TO BE LABELED WITH THE OWNER'S PROJECT NAME AND NUMBER ON THE BINDER. THE O&M MANUALS SHALL INCLUDE PRODUCT DATA CUT SHEETS, MAINTENANCE REQUIREMENTS, PROGRAMMING INSTRUCTIONS AND WARRANTIES OF ALL EQUIPMENT.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL CLEANING OF EQUIPMENT INSTALLED.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. ALL MATERIALS SHALL BE REMOVED FROM SITE AND DISPOSED OF PROPERLY BY CONTRACTOR.
16. ALL PENETRATIONS THROUGH FIRE WALLS SHALL BE PROPERLY FIRE SEALED TO CONFORM WITH UL SYSTEM NUMBERS AS LISTED IN VOLUME 2 OF THE UL FIRE RESISTANCE DIRECTORY FOR EACH DIFFERENT INTENDED PROJECT APPLICATION, SUCH AS CABLE TRAY PENETRATION AND CONDUIT PENETRATIONS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS DOORS AND FRAMES AT LOCATIONS OF EQUIPMENT REQUIRING ACCESS WHICH IS CONCEALED IN WALLS OR CEILINGS.

RACEWAY AND BOXES:

1. UNLESS NOTED OTHERWISE, USE EMT CONDUIT WITH STEEL COMPRESSION FITTINGS.
2. THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4".
3. ALL RACEWAY SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
4. UNLESS NOTED OTHERWISE USE RIGID GALVANIZED STEEL CONDUIT UP TO 10' A.F.F. OUTDOORS. USE GALVANIZED IMC OVER 10'. PROVIDE EXPANSION COUPLINGS AS REQUIRED.
5. USE PVC SCHEDULE 40 CONDUIT UNDERGROUND.
6. FLEXIBLE METAL CONDUIT SHALL BE USED FOR THE FINAL CONNECTIONS TO ROTATING MACHINERY, VIBRATING EQUIPMENT AND LIGHTING FIXTURES. 3/8" SIZE IS ALLOWED FOR CONNECTIONS TO LIGHTING FIXTURES. USE LIQUDTIGHT FOR OUTDOOR USE OR FOR CONNECTIONS TO MOTORS OR EQUIPMENT IN AREAS WHERE THE RUPTURE OF A PIPE COULD SPRAY OR LEAK ON THE CONDUIT, SUCH AS IN MECHANICAL ROOMS.
7. PROVIDE PULL AND JUNCTION BOXES AS REQUIRED.
8. ALL OUTLET BOXES SHALL BE 4" SQUARE OR 4-11/16" SQUARE, GALVANIZED METAL. INSTALL TRUE AND PLUMB WITH THE BUILDING FINISH. INSTALL SECURELY AND INDEPENDENT OF RACEWAY. PROVIDE SINGLE OR MULTIGANG RINGS AS REQUIRED. LIGHTING FIXTURE BOXES MAY BE 4" OCTAGONAL.
9. INSTALL ALL RACEWAYS PARALLEL AND PERPENDICULAR TO THE BUILDING WALLS, FLOOR AND CEILING.
10. ALL BOXES FOR RECEPTACLES, TELEPHONE AND DATA OUTLETS SHALL BE MINIMUM 2-1/8" DEEP. ALL BOXES FOR SWITCHES, LOCAL LIGHT CONTROL, AND RECESSED LIGHT FIXTURES TO BE MINIMUM 1-1/2" DEEP.
11. PROVIDE BLANK COVERS ON ALL BOXES THAT ARE NOT TO RECEIVE A DEVICE.
12. ALL RACEWAY SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE USING APPROVED CLAMPS, RODS, FITTINGS, ETC. DO NOT SUPPORT FROM HUNG CEILING WIRES OR THE WORK OF OTHER TRADES. SUPPORT AT INTERVALS AS REQUIRED BY NEC.
13. UNDERGROUND CONDUIT WALL PENETRATIONS SHALL BE SEALED WITH "WS" STEEL SLEEVE AND AND RUBBER LINKS WHICH WILL CREATE A WATERTIGHT SEAL. SLEEVES AND SEALS SHALL BE PSI-THUNDERLINE "LINK-SEAL" MODEL C.
14. USE STEEL SURFACE RACEWAY (2 SECTIONS) ONE SECTION FOR POWER AND ONE FOR LOW VOLTAGE IN AREAS WHERE CONDUITS MAY NOT BE ROUTED CONCEALED DUE TO EXISTING WALL/CEILING CONSTRUCTION. ALL USE OF SURFACE RACEWAYS MUST BE APPROVED BY OWNER/ARCHITECT PRIOR TO INSTALLATION. SURFACE RACEWAYS SHALL BE EQUAL TO WIREMOLD. ALL SURFACE RACEWAYS PRODUCT DATA CUT SHEETS MUST BE SUBMITTED FOR APPROVAL TO ARCHITECT/ENGINEER.

LUMINAIRES:

1. PROVIDE MANUFACTURERS PRODUCT DATA CUT SHEET SUBMITTALS FOR ENGINEERS AND ARCHITECTS APPROVAL FOR ALL LUMINAIRES.
2. LUMINAIRES TYPES ARE AS SCHEDULED OR NOTED. REFER TO LIGHT FIXTURE SCHEDULE AND LEGENDS ON ELECTRICAL AND ARCHITECTURAL DRAWINGS.
3. PROVIDE LUMINAIRES WITH THE NECESSARY FRAMES, FLANGES, FITTINGS, ETC., AS REQUIRED FOR INSTALLATION IN OR ON THE CEILING OR SURFACE IN OR ON WHICH THEY ARE TO BE INSTALLED AND TO ELIMINATE LIGHT LEAKAGE. CATALOG NUMBERS DO NOT NECESSARILY REFLECT THE TYPE OF CEILING IN WHICH A FIXTURE IS TO BE INSTALLED.
4. COORDINATE FINAL LOCATIONS OF LUMINAIRES IN THE FIELD WITH ARCHITECTURAL REFLECTED CEILING PLANS.

WIRE AND CABLE:

1. ALL WIRE AND CABLE SHALL HAVE COPPER CONDUCTORS.
2. USE NEC TYPE THHN/THWN OR XHHW INSULATION.
3. USE MINIMUM #12 AWG SIZE. #14 AWG MAY BE USED FOR CONTROL WIRING. FOR OTHER SYSTEMS, USE WIRING AS NOTED ON THE DRAWINGS AND AS RECOMMENDED BY THE SYSTEM MANUFACTURER.

WIRING DEVICES:

1. ALL RECEPTACLES SHALL BE SAME MANUFACTURER. ALL RECEPTACLES SHALL BE COMMERCIAL GRADE 20A, 125 VOLTS, DUPLEX, WHITE COLOR. ACCEPTABLE MANUFACTURERS ARE HUBBELL, COOPER, PASS & SEYMOUR, OR LEVITON. INSTALL RECEPTACLES WITH THE LONG DIMENSION VERTICAL AND WITH THE GROUND SLOT ON TOP. FLUSH MOUNT IN OUTLET BOX AT 18" AFF UNLESS OTHERWISE NOTED.
2. SPECIAL PURPOSE RECEPTACLES SHALL BE AS NOTED ON THE DRAWINGS.
3. ALL SWITCHES SHALL BE SAME MANUFACTURER. ALL SWITCHES SHALL BE 20A, 120V, QUIET OPERATING TYPE, WHITE COLOR. ACCEPTABLE MANUFACTURERS ARE HUBBELL, PASS & SEYMOUR, OR LEVITON. INSTALL SWITCHES VERTICALLY WITH "ON" IN THE UP POSITION. FLUSH MOUNT IN OUTLET BOX AT 48" AFF UNLESS OTHERWISE NOTED.
4. TELEPHONE AND DATA OUTLET BOXES SHALL BE 4-11/16" SQUARE OUTLET BOX WITH A SINGLE GANG VERTICAL RING AND A 1" CONDUIT CONCEALED IN WALL AND STUBBED UP TO NEAREST CABLE TRAY OR ABOVE ACCESSIBLE CEILING. FLUSH MOUNT IN OUTLET BOX AT 18" AFF UNLESS OTHERWISE NOTED. OWNER WILL PROVIDE WIRING, PLATES AND JACKS.
5. PLATES SHALL BE FLEXIBLE THERMOPLASTIC, NON-BREAKABLE, SAME COLOR AS THE DEVICE. FOR SURFACE BOXES, USED RAISED METAL WITH THE SAME DIMENSIONS AS THE BOX. PLATES IN BREAKROOM, KITCHEN, AND TOILET ROOM SHALL BE STAINLESS STEEL.

GROUNDING:

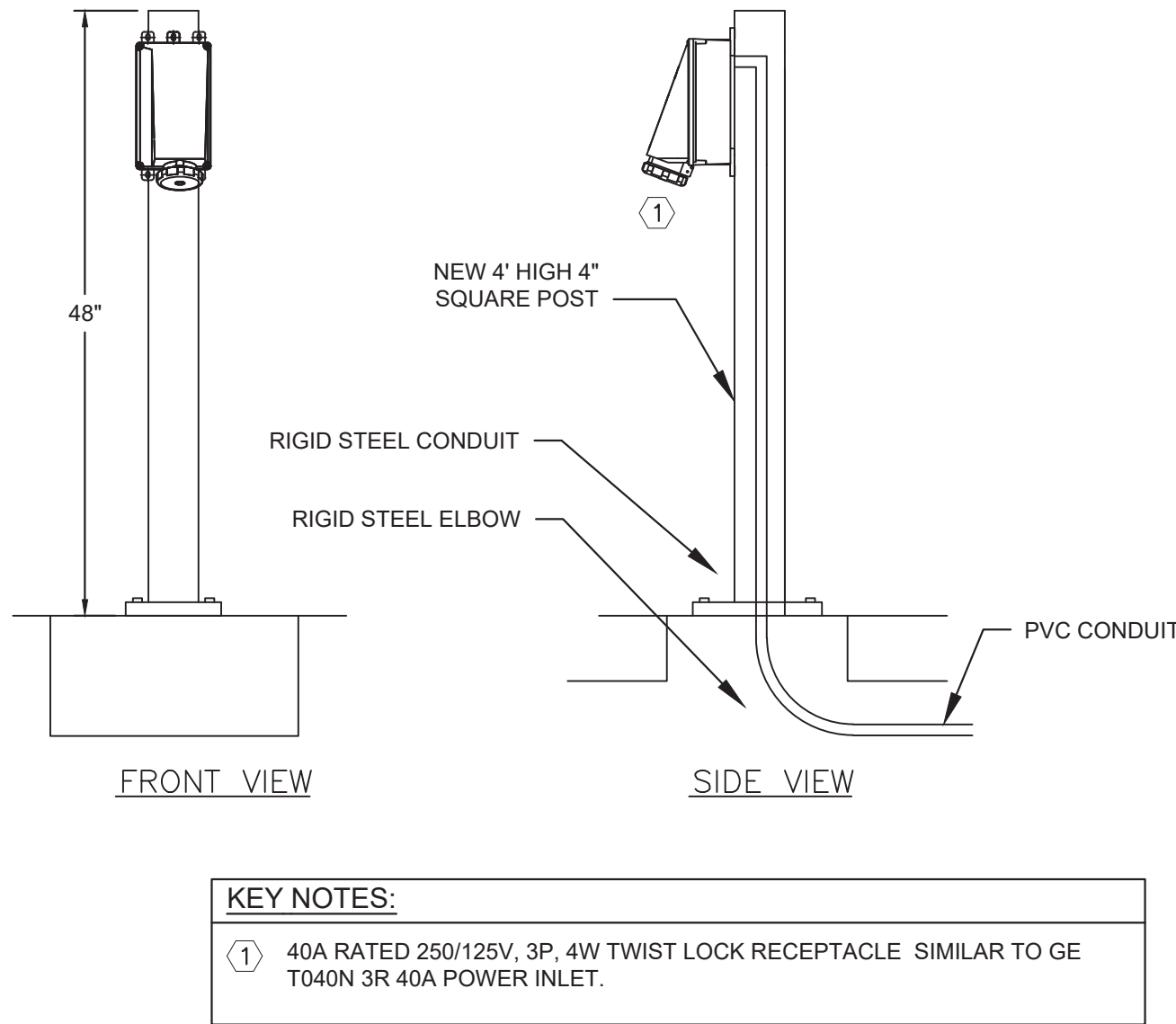
1. INSTALL THE ELECTRICAL SYSTEM CONTINUOUSLY FROM BOX TO BOX AND FROM OUTLET TO OUTLET AND TO CABINETS TO FORM A CONTINUOUS PATH TO GROUND.
2. INSTALL A GREEN INSULATED EQUIPMENT GROUND WIRE, AT A MINIMUM SIZE OF #12 AWG OR LARGER IF REQUIRED BY NEC TABLE 250.95. ROUTE GROUND WIRE WITH CIRCUIT CONDUCTORS TO ALL RECEPTACLES, EQUIPMENT, MOTORS, LIGHTING FIXTURES, ETC. BOND TO THE EQUIPMENT AND TO THE GROUND BUS OR LUG AT THE SOURCE END.
3. SERVICE AND/OR TRANSFORMER GROUNDING. PROVIDE GROUNDING OF THE NEUTRAL CONDUCTOR FOR SERVICES AND SEPARATELY DERIVED SYSTEMS SUCH AS TRANSFORMERS USING A GROUND WIRE (S) SIZED IN ACCORDANCE WITH NEC TABLE 250-66. FOR SERVICE GROUNDING, PROVIDE CONNECTION TO WATER PIPE AND BUILDING STEEL. IN THE ABSENCE OF STEEL, IN LIEU THEREOF USE A 3/4" ROUND X 10"-0" LONG COPPERCLAD GROUND ROD DRIVEN INTO UNDISTURBED EARTH.

DISCONNECTS AND STARTERS:

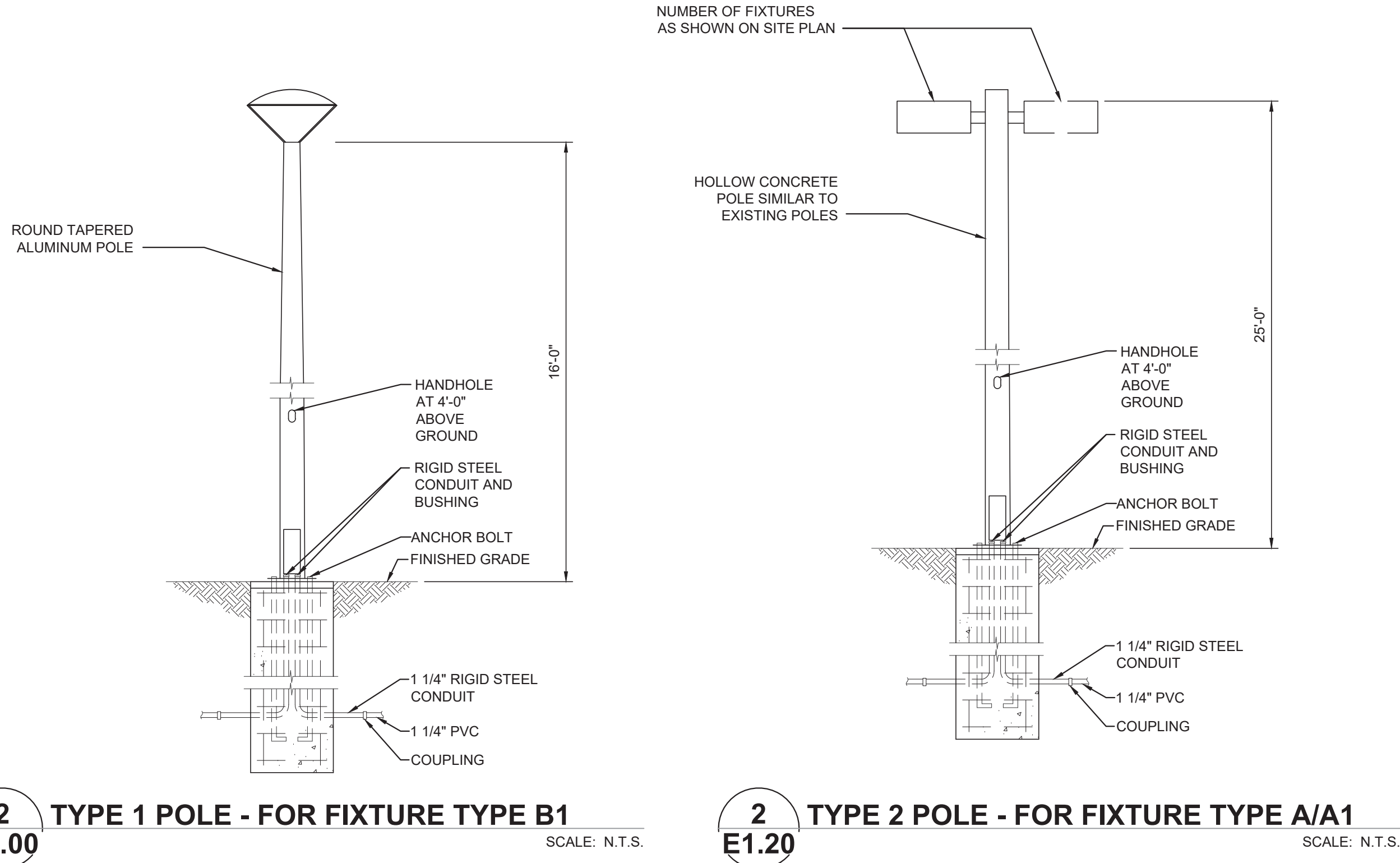
1. PROVIDE MANUFACTURERS PRODUCT DATA CUT SHEET SUBMITTALS FOR ENGINEERS APPROVAL FOR ALL DISCONNECT SWITCHES AND STARTERS.
2. USE HEAVY-DUTY, HORSEPOWER RATED DISCONNECTS, FUSIBLE OR NON-FUSIBLE AS NOTED ON PLANS.
3. ALL STARTERS AND DISCONNECTS LOCATED IN INTERIOR LOCATIONS SHALL BE NEMA 1 AND ALL EXTERIOR UNITS SHALL BE NEMA 3R UNLESS OTHERWISE NOTED.
4. USE 3 POLE FULL VOLTAGE NON-REVERSING MAGNETIC STARTERS WITH A NON-FUSED DISCONNECT SWITCH FOR ALL MOTORS 1/2 HP AND ABOVE. EQUIP WITH CLASS 10 OVERCURRENT PROTECTION, UNDER VOLTAGE, PHASE LOSS AND REVERSAL PROTECTION. EQUIP EACH STARTER WITH AN H-O-A SELECTOR SWITCH, A RED RUN PILOT LIGHT AND AUXILIARY CONTACTS FOR INTERLOCKING AND CONTROL FUNCTIONS AS NEEDED. COORDINATE WITH THE MECHANICAL CONTRACTOR. PROVIDE ENCLOSURE WITH RESET BUTTON, PILOT LIGHT AND SELECTOR SWITCH IN COVER.
5. USE MANUAL MOTOR STARTERS WITH THERMAL OVERLOAD PROTECTION FOR MOTORS LESS THAN 1/2 HP. PROVIDE RED RUN PILOT LIGHT IN COVER.
6. MOTORS 1/2 HP AND ABOVE SHALL BE THREE PHASE. MOTORS BELOW 1/2 HP SHALL BE SINGLE PHASE, 120 VOLTS.
7. PROVIDE A NAMEPLATE WITH 1/2" ENGRAVED WHITE LETTERS ON A BLACK FIELD ON ALL MOTOR STARTERS AND ALL DISCONNECTS WITH THE DESIGNATION OF THE LOAD SERVED (EQUIPMENT IDENTIFICATION).
8. ALL LUGS SHALL BE RATED FOR 75 DEGREE WIRE.
9. EXTERNAL CONTROL WIRING, EXCEPT FOR FIRE ALARM SYSTEM CONNECTIONS, SHALL BE BY MECHANICAL CONTRACTOR.

PANELBOARDS:

1. PROVIDE MANUFACTURERS PRODUCT DATA CUT SHEET SUBMITTALS FOR ENGINEERS AND ARCHITECTS APPROVAL FOR ALL NEW PANELBOARDS.
2. INTERIOR PANELBOARDS SHALL BE NEMA1 RATED AND EXTERIOR PANELBOARDS SHALL BE NEMA-3R RATED U.O.N.
3. PROVIDE PANELBOARDS WITH HINGED FRONT COVER AND DIRECTORY CARD HOLDER.
4. PROVIDE NEW PRINTED PANEL SCHEDULE FOR ANY NEW OR MODIFIED PANELBOARD.
5. INCOMING MAINS LOCATION, TOP OR BOTTOM, SHALL BE DETERMINED BY CONTRACTOR BASED ON FIELD CONDITIONS.
6. ALL PANELBOARDS SHALL HAVE 100% RATED NEUTRAL BUS U.O.N.
7. ALL PANELBOARDS SHALL HAVE A PRINTED EQUIPMENT LABEL.
8. INSTALL PANELBOARDS WITH CLEARANCES BASED ON NEC REQUIREMENTS.
9. MOUNT PANELBOARD CABINET PLUMB AND RIGID WITHOUT DISTORTION OF BOX. MOUNT RECESSED PANELBOARDS WITH FRONTS UNIFORMLY FLUSH WITH WALL FINISH AND MATING WITH BACK BOX.
10. MOUNT TOP OF TRIM AT 90" ABOVE FINISHED FLOOR U.O.N.
11. INSTALL FILLER PLATES IN UNUSED SPACES.
12. PROVIDE EQUIPMENT FROM ONE OF THE FOLLOWING MANUFACTURERS:
  - 12.1. EATON
  - 12.2. SIEMENS
  - 12.3. SQUARE D
  - 12.4. GENERAL ELECTRIC



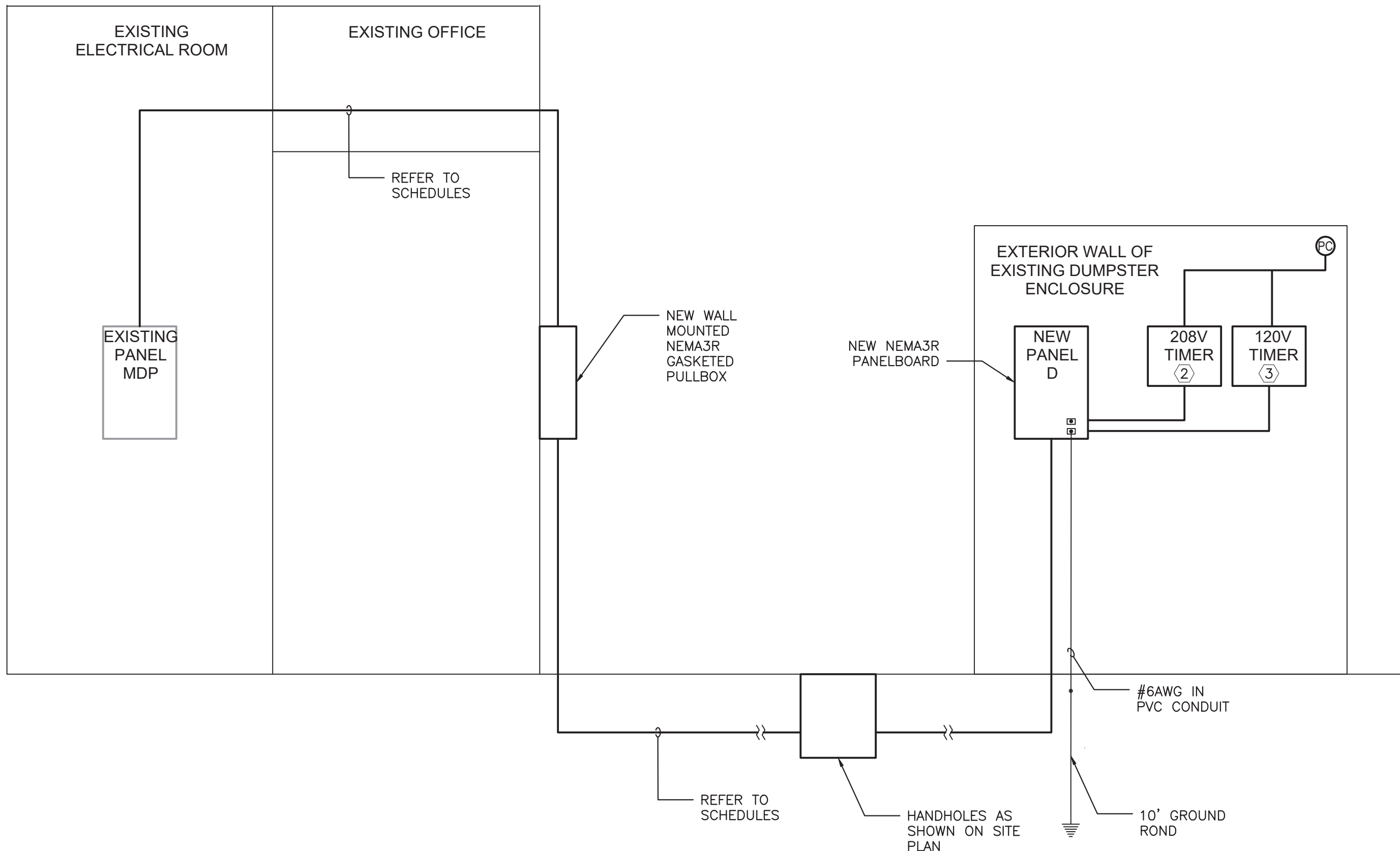
1 OUTDOOR EVENT RECEPTACLE MOUNTING DETAIL  
E5.00 SCALE: N.T.S.



2 TYPE 1 POLE - FOR FIXTURE TYPE B1  
E5.00 SCALE: N.T.S.

2 TYPE 2 POLE - FOR FIXTURE TYPE A/A1  
E1.20 SCALE: N.T.S.





**RISER KEY NOTES:**

- NEW PANEL D SHALL BE LOCKABLE. BREAKERS FOR EVEN RECEPTACLES SHALL ALSO BE LOCKABLE IN THE OFF POSITION.
- 208V, 7-DAY EXTERIOR TYPE TIMER WITH INPUT FOR EXTERIOR MOUNTED PHOTOSENSOR.
- DUAL CIRCUIT, 120V, 7-DAY EXTERIOR TYPE TIMER WITH INPUT FOR EXTERIOR MOUNTED PHOTOSENSOR.

PANEL NAME		LOCATION			MOUNTING			SUPPLIED FROM			VOLTAGE			BUS		MAIN				
MDP		ELEC. PANEL			SURFACE			FPL			208 / 120V, 3PH, 4W			600		600				
CKT NO	LOAD DESCRIPTION	VA LOAD			FEED	CODE	CB	BUS			CB	TR	P	CODE	FEED	VA LOAD			LOAD DESCRIPTION	CKT NO
		PH A	PH B	PH C				A	B	C						PH A	PH B	PH C		
1	PANEL B							*						S	4F08				NEW PANEL D	2
3								*			100	3	S					4		
5								*					S					6		
7								*					S					8		
9	SPACE							*	*										PANEL A	10
11									*	*										12
13	PANEL C							*		*									CU-1	14
15								*	*									16		
17								*	*	*								18		
19								*	*	*								20		
21	RTU-3							*	*										RTU-1	22
23								*	*	*										24
25	TEWH1							*	*	*									TEWH4	26
27								*	*	*										28
29	TEWH2							*	*	*									TEWH5	30
31								*	*	*										32
33	TEWH3							*	*	*									TEWH6	34
35								*	*	*										36
37								*	*	*										38
39	RTU-2							*	*	*									VAV-1-2	40
41								*	*	*										42
43								*	*	*										44
45	RTU-4							*	*	*									VAV-2	46
47								*	*	*										48
LOAD DESCRIPTION		CONNECTED (KVA)			D.F.	DEMAND (KVA)		SUBFED LOADS (KVA)			CONNECTED		VA							
LIGHTING					1.00			CONNECTED		PH A										
RECEPT					*			DEMAND		PH B										
EQUIPMENT					0.90					PH C										
TOTAL																				
		</																		