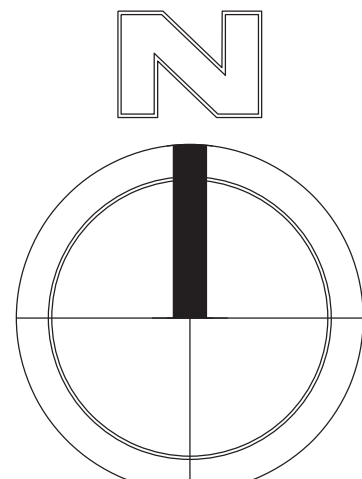
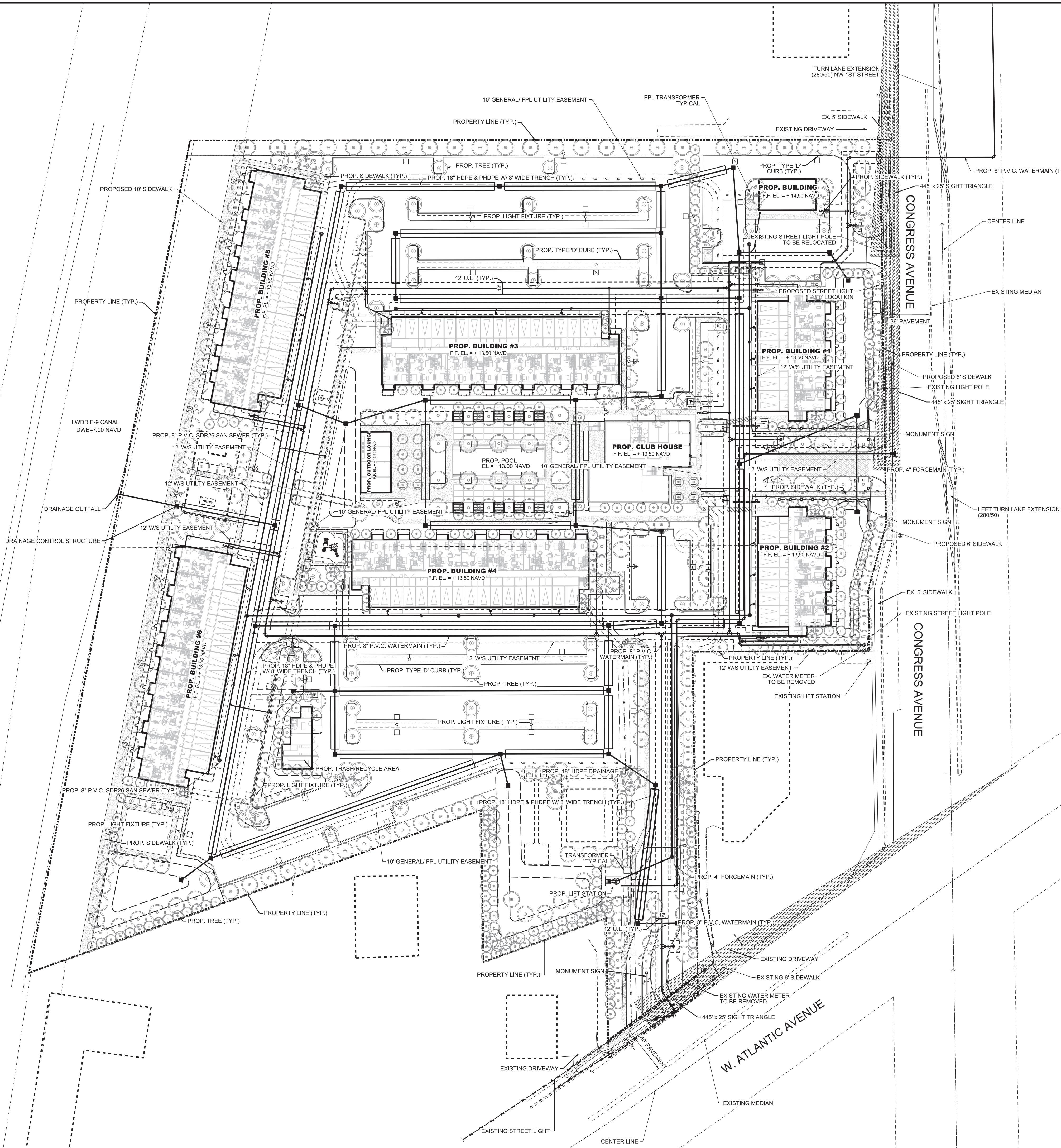


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0 50 100
FEET
SCALE: 1"=50'

- PROPOSED LIGHTING
- PROPOSED ADA STALL
- PROPOSED CONCRETE SIDEWALK
- PROPOSED ASPHALT PAVEMENT
- 10'X10' SIGHT TRIANGLE
- FLOW DIRECTION
- PROPOSED GRADE
- EXISTING GRADE
- SEWER / DRAINAGE MANHOLE
- DRAINAGE INLET
- YARD DRAIN BASIN
- DOUBLE SEWER SERVICE
- SINGLE SEWER SERVICE
- FIRE HYDRANT ASSEMBLY
- TAPPING SLEEVE & VALVE
- DOUBLE WATER METER
- SINGLE WATER METER
- GATE VALVE
- EXISTING VALVE
- EXISTING FIRE HYDRANT ASSEMBLY
- BACTERIOLOGICAL SAMPLING POINT
- REINFORCED CONCRETE PIPE
- H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE
- C.A.P. CORRUGATED ALUMINUM PIPE
- W.M. WATER MAIN
- G.V. GATE VALVE
- F.H. FIRE HYDRANT
- R.E. RIM ELEVATION
- I.E. INVERT ELEVATION
- E.O.P. EDGE OF PAVEMENT
- P.R.B. POLLUTION RETARDANT Baffle
- D.W.E. DESIGN WATER ELEVATION
- TREE TO REMAIN (SEE LANDSCAPE PLAN)
- PIPE CONFLICT BOX
- INV TOP PIPE
- TOP OF BOTTOM PIPE
- D=DRAINAGE
- W=WATER
- S=SEWER
- FM=FORCE MAIN
- CN=CONDUIT

NOTE:
ANY TREES OR SHRUBS PLACED WITHIN WATER SEWER OR DRAINAGE
EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARDS
DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.

Jay M Huebner
Digitally signed
by Jay M Huebner
DN: c=US, o=HSQ Group,
ou=A01410D0000
0172B90A61D700
00B231, cn=Jay M Huebner
Date: 2020.09.02
10:50:02 -04'00'

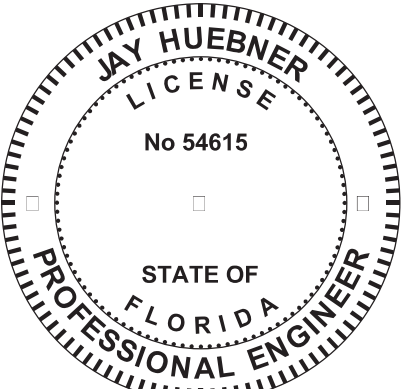
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TRG
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RESIDENTIAL GROUP
BUILDING VALUE IN MULTIFAMILY REAL ESTATE

AURA DELRAY BEACH

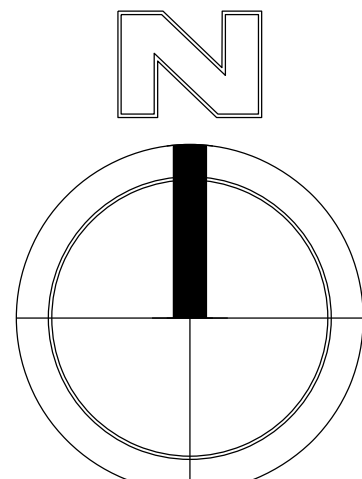
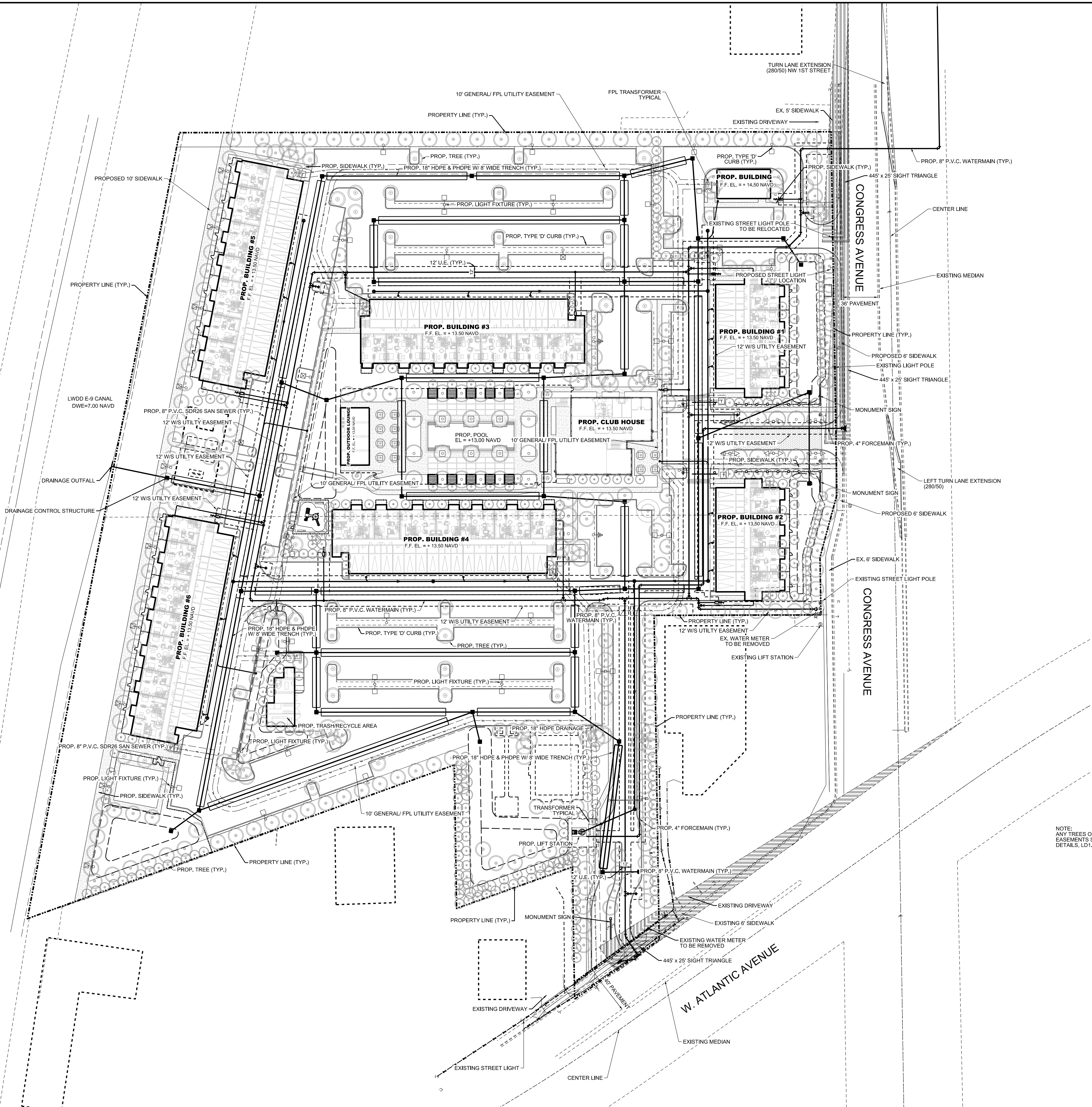
COMPOSITE PLAN

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



DATE: 9/2/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615
PROJECT: 1906-43
SHEET: CP-1

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0 50 100
FEET
SCALE: 1"=50'

- PROPOSED LIGHTING
- PROPOSED ADA STALL
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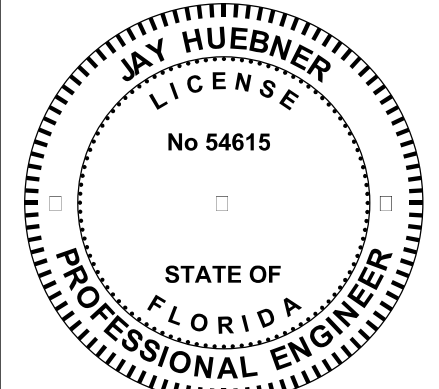
NOTE:
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DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.



AURA DELRAY BEACH

COMPOSITE PLAN

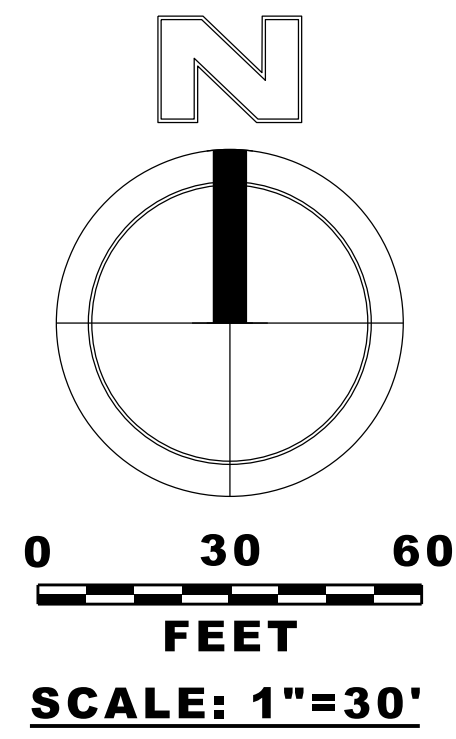
DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



DATE: 9/2/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43

SHEET: CP-1



A circular professional engineer license for Jay Huebner, P.E., State of Florida. The license number is 54615 and the expiration date is 9/1/2020. The text "JAY HUEBNER" is at the top, "LICENSE" is below it, and "No 54615" is in the center. The outer ring contains "STATE OF FLORIDA" and "PROFESSIONAL ENGINEER".

PROJECT: 1906-43

SHEET: FT-1

AURA DELRAY BEACH

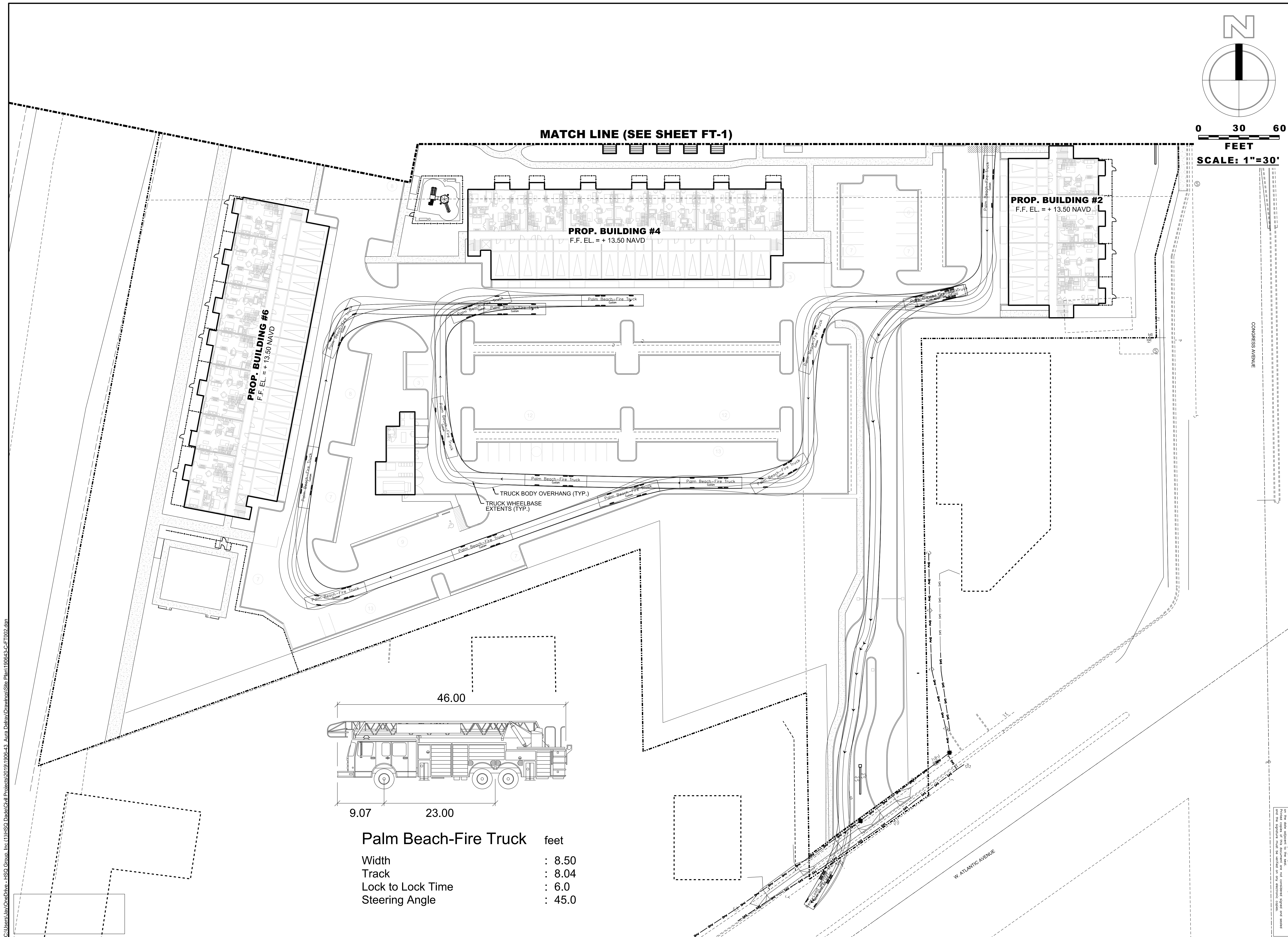
FIRE TRUCK ROUTING PLAN



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REVISE PER DRC COMMENTS - SITE PLAN REVISIONS	
NO	DATE
1	9/11/20
JMH	
BY	
REVISIONS	

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Palm Beach-Fire Truck feet

Width	: 8.50
Track	: 8.04
Lock to Lock Time	: 6.0
Steering Angle	: 45.0

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DATE:	05/20
DESIGNED BY:	JH
DRAWN BY:	SG
CHECKED BY:	JH

JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT:	1906-43
SHEET:	FT-2

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BUILDING VALUE IN MULTIFAMILY REAL ESTATE

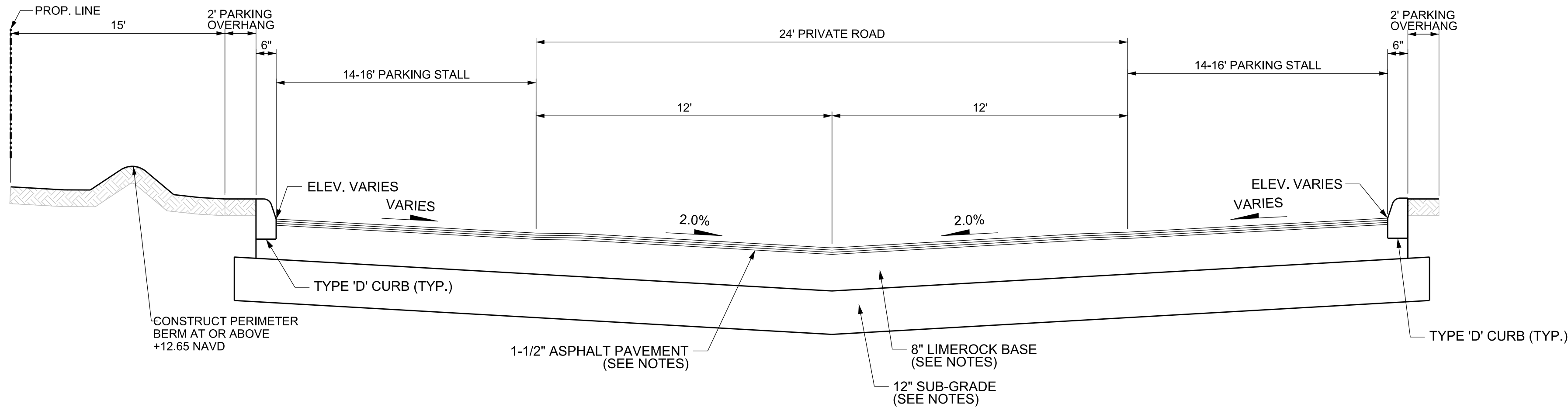
AURA DELRAY BEACH

FIRE TRUCK ROUTING PLAN

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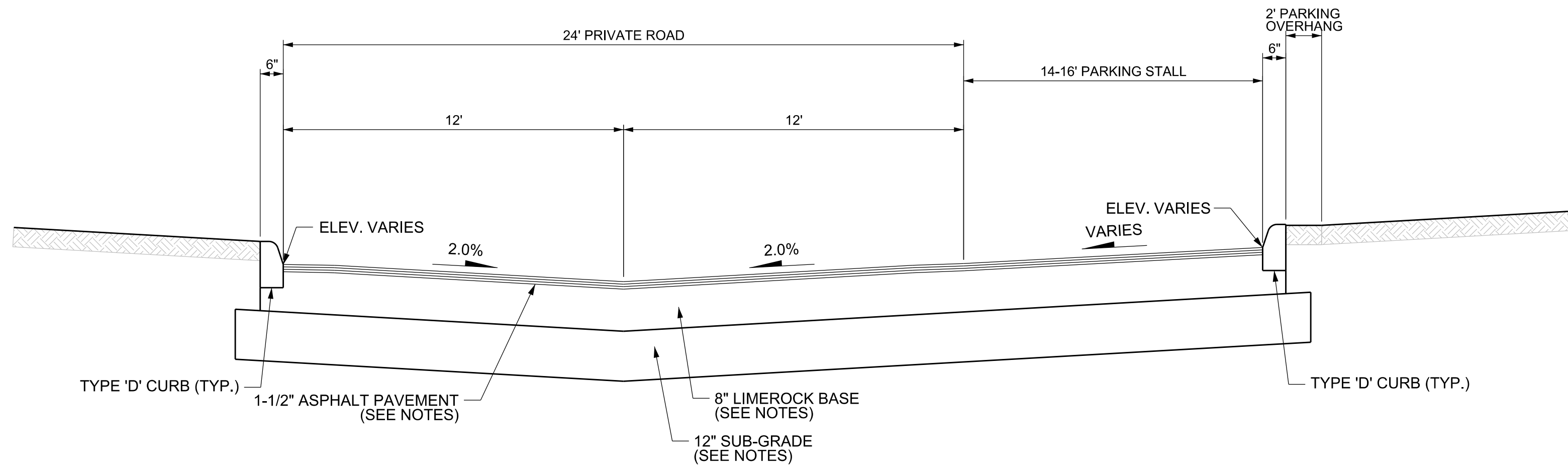
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1	7/2/20	JAH	REVISE PER TAC COMMENTS

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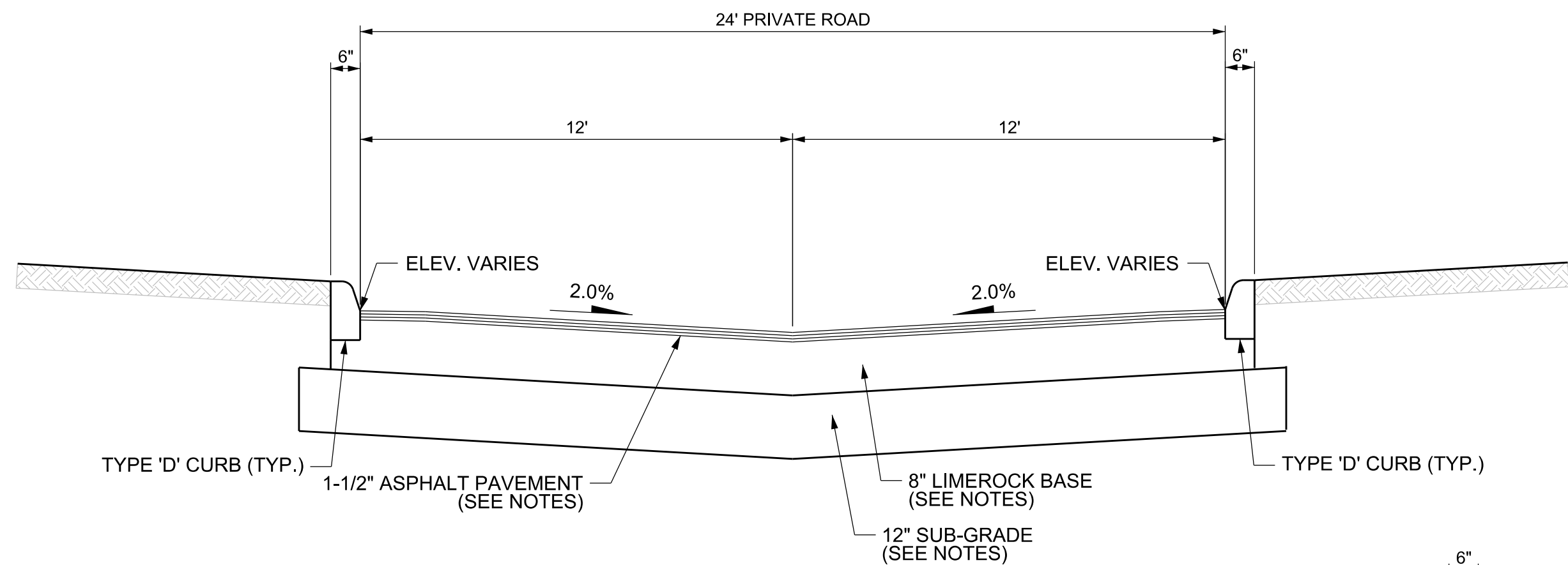
SECTION A-A

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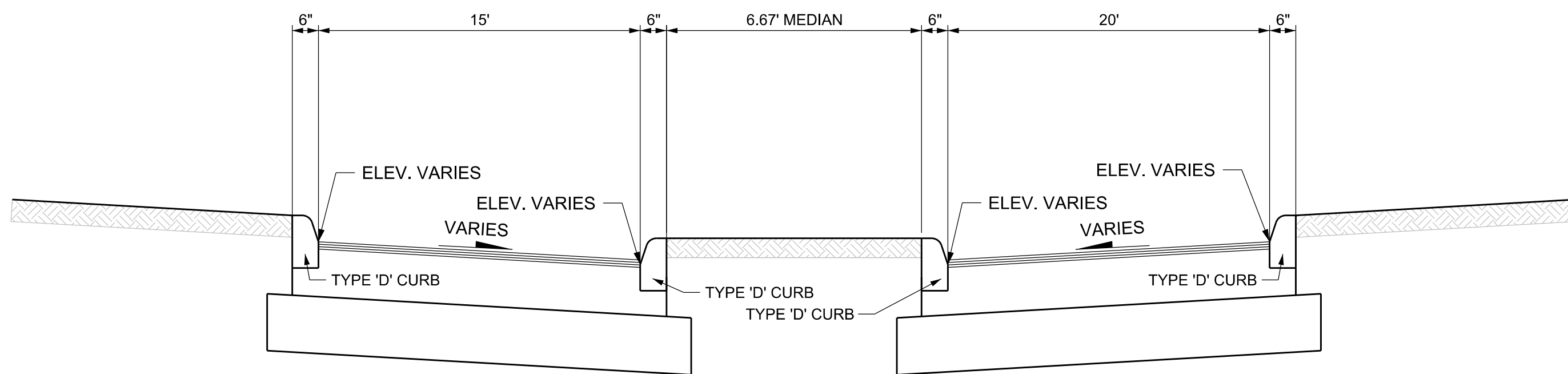
SECTION B-B

N.T.S.



SECTION C-C

N.T.S.

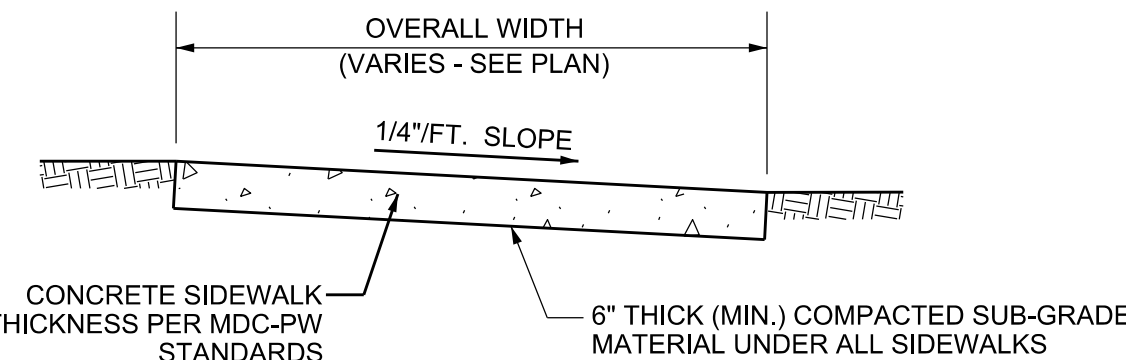


SECTION D-D

N.T.S.

ON-SITE PAVEMENT NOTES

1. THE PAVEMENT SURFACE SHALL BE ASPHALTIC CONCRETE. A TACK COAT SHALL BE APPLIED BETWEEN BOTH PAVEMENT COURSES. REFER TO SECTIONS FOR ASPHALT TYPE AND THICKNESS.
2. THE LIMEROCK BASE SHALL BE 8 INCHES THICK. REFER TO PAVEMENT SECTION ALTERNATES. THE LIMEROCK MATERIAL SHALL HAVE A MINIMUM LIMEROCK BEARING RATIO (L.B.R.) VALUE OF 100. THE LIMEROCK MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
3. THE SUBGRADE SHALL BE 12 INCHES THICK. REFER TO PAVEMENT SECTION ALTERNATES. THE SUBGRADE MATERIAL SHALL HAVE A MINIMUM LIMEROCK BEARING RATIO (L.B.R.) VALUE OF 40. THE SUBGRADE MATERIAL SHALL BE COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN 98% OF THE MAXIMUM DRY DENSITY PER A.A.S.H.T.O. T-180 SPECIFICATIONS.
4. THE LIMEROCK AND SUBGRADE COURSES SHALL NOT BE CONSTRUCTED UNTIL ALL UTILITY INSTALLATIONS UNDER PAVEMENT AREAS HAVE BEEN COMPLETED, TESTED AND ACCEPTED. ANY PAVEMENT CONSTRUCTION PRIOR TO THIS REQUIREMENT SHALL BE CONDUCTED AT THE SUBCONTRACTOR'S OWN RISK AND ANY REQUIRED REPAIRS WILL BE THE SUBCONTRACTOR'S SOLE RESPONSIBILITY AND EXPENSE.
5. THE PRIME AND TACK COATS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION (SECTIONS 300-1 THRU 300-7) SPECIFICATIONS. THE PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLONS PER SQUARE YARD OF PAVEMENT.
6. PERIODIC DENSITY TESTING SHALL BE CONDUCTED AFTER BOTH SUBGRADE AND LIMEROCK BASE COURSES HAVE BEEN COMPLETED. THE TOTAL NUMBER AND EXACT LOCATIONS OF THE TESTS SHALL BE DETERMINED BY EITHER THE ENGINEER-OF-RECORD OR GOVERNMENT INSPECTOR. THE MINIMUM AMOUNT OF TESTING SHALL BE BASED ON ONE (1) DENSITY TEST PER 5,000 SQUARE FEET OF PAVEMENT AREA.
7. THE FIRST LIFT OF THE ASPHALTIC CONCRETE PAVEMENT SHALL BE APPLIED 1/2" INCH BELOW THE LIP OF CURB, WHERE APPLICABLE. THE SECOND (FINAL) LIFT SHALL EXTEND 1/4 INCH ABOVE THE LIP OF CURB. THE FINAL LIFT OF ASPHALT SHALL NOT BE APPLIED UNTIL EITHER THE OWNER, ENGINEER-OF-RECORD AND/OR GOVERNMENT AGENCY DETERMINES THAT SUBSTANTIAL PROJECT CONSTRUCTION HAS BEEN COMPLETED.
8. ALL EXISTING ORGANIC AND DELETERIOUS MATERIALS WITHIN THE RIGHT-OF-WAY AND ON-SITE PAVEMENT AREAS ARE TO BE REMOVED TO THEIR FULL DEPTH AND REPLACED WITH APPROVED SUITABLE MATERIAL, UNLESS AN ALTERNATIVE METHOD IS RECOMMENDED BY A CERTIFIED GEOTECHNICAL ENGINEER. THE DETERMINATION OF ORGANIC AND UNSUITABLE MATERIALS SHALL BE BASED ON F.D.O.T. STANDARDS.
9. ALL EXISTING PAVEMENT CONNECTIONS AND REPAIRS SHALL HAVE A STRAIGHT SAW-CUT EDGE PRIOR TO APPLYING NEW ASPHALT PAVEMENT.
10. ONCE FINAL LIFT OF ASPHALT HAS BEEN APPLIED, ALL PERMANENT CONTROL POINTS, REFERENCE MARKERS, VALVES, INLET AND MANHOLE RIMS SHALL BE FIELD ADJUSTED TO BE FLUSH WITH FINAL ASPHALT GRADES.



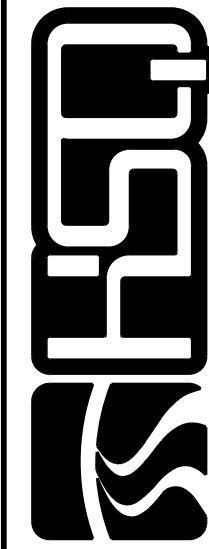
GENERAL NOTES

1. PROVIDE 1/8" CONSTRUCTION JOINTS AT 5' O/C, MINIMUM DEPTH 1/2".
2. PROVIDE 1/2" EXPANSION JOINTS WITH NON-RISING FILLER AT 20' O/C, TO RUN FULL DEPTH OF SLAB.
3. CONCRETE TO BE 2,500 P.S.I. IN 28 DAYS.
4. CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE, OR OTHER APPROVED METHOD.

CONCRETE SIDEWALK DETAILS

N.T.S.

This item has been digitally signed and sealed by JAY HUEBNER, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



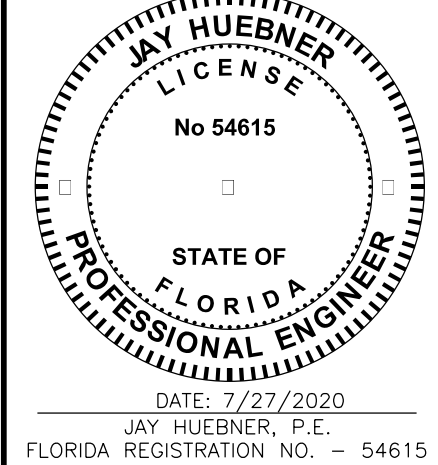
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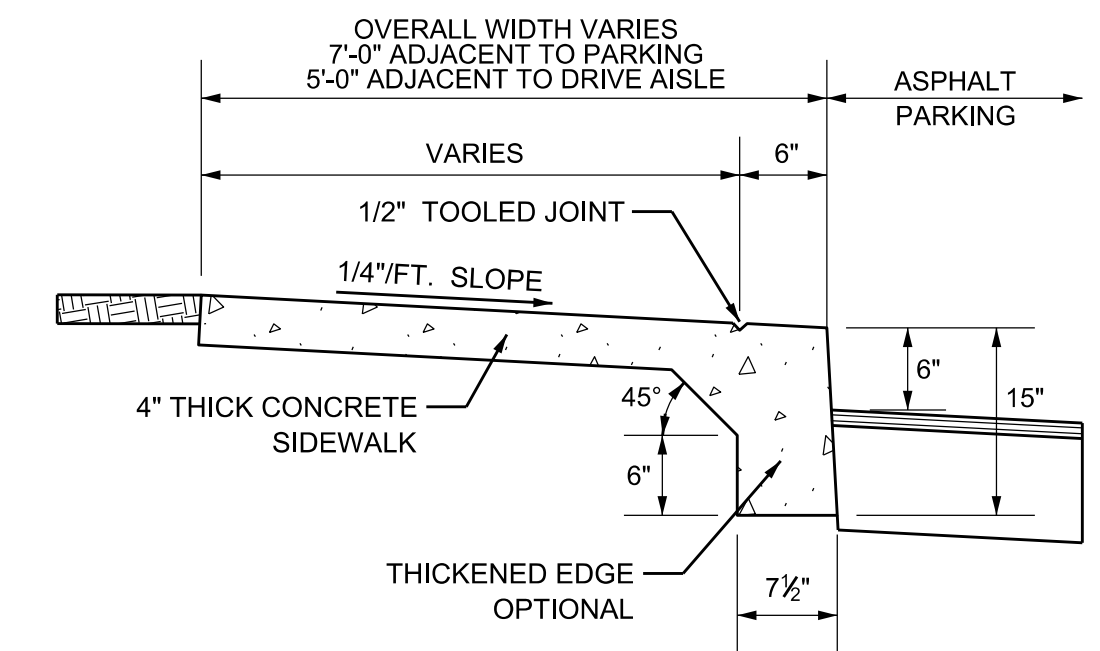
AURA DELRAY BEACH

PAVING AND DRAINAGE DETAILS

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



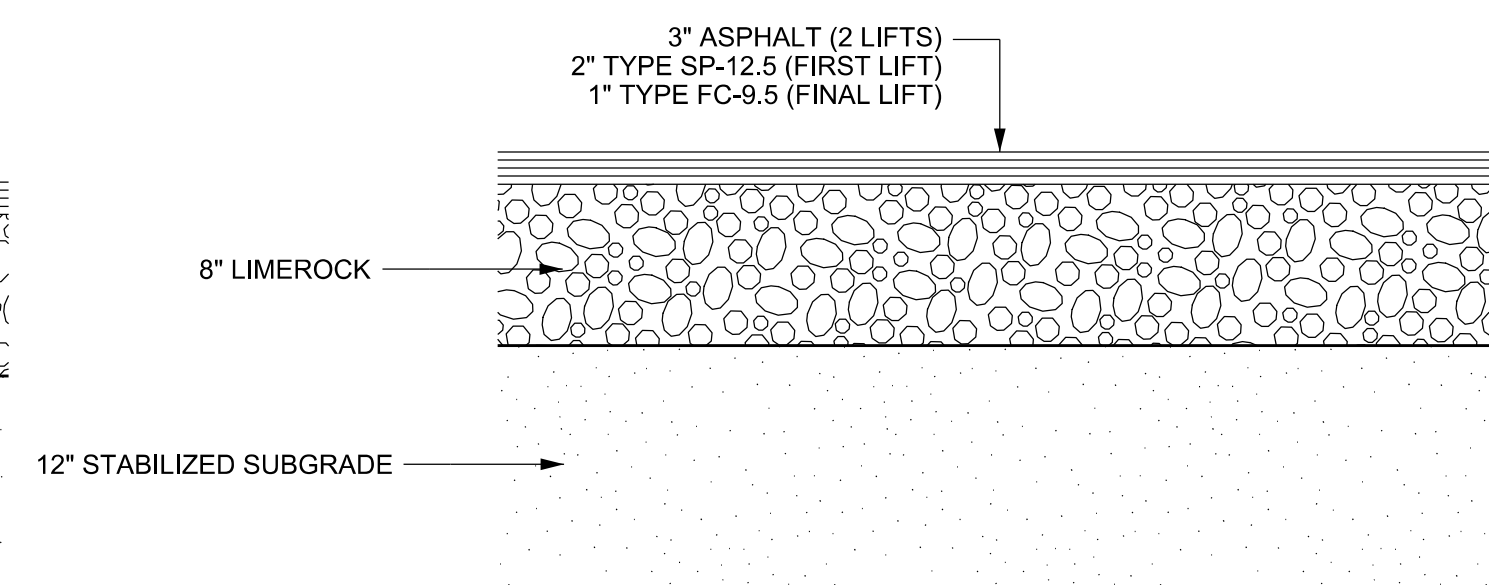
PROJECT: 1906-43
SHEET: PD-3



N.T.S.

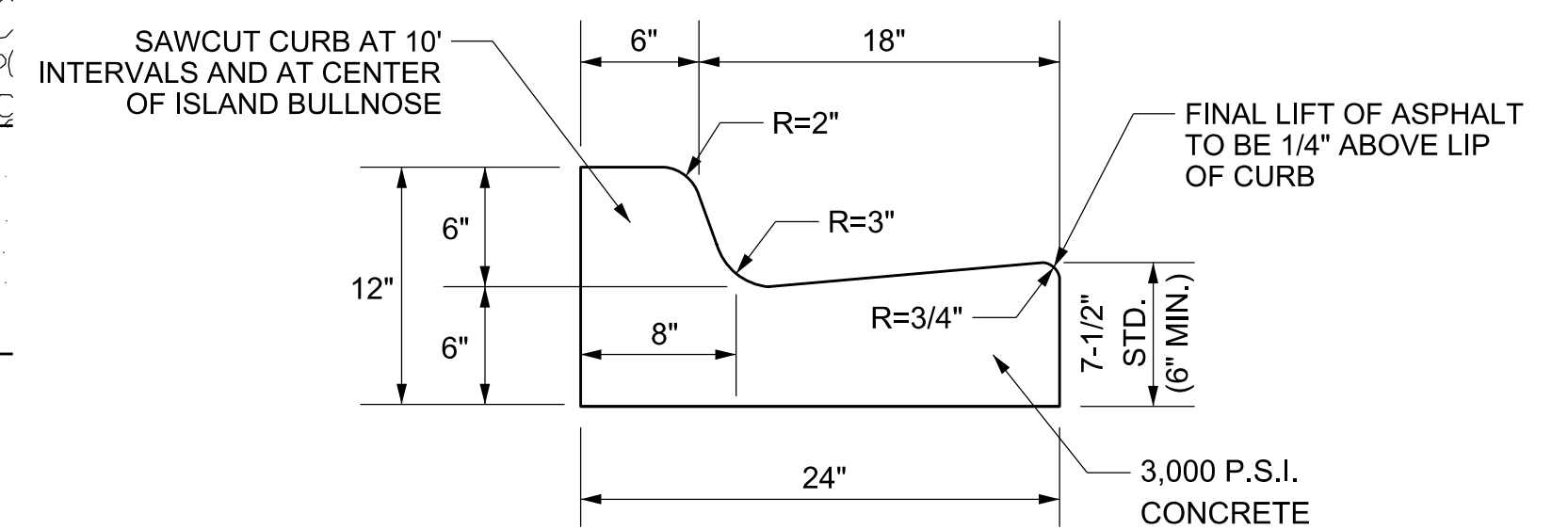


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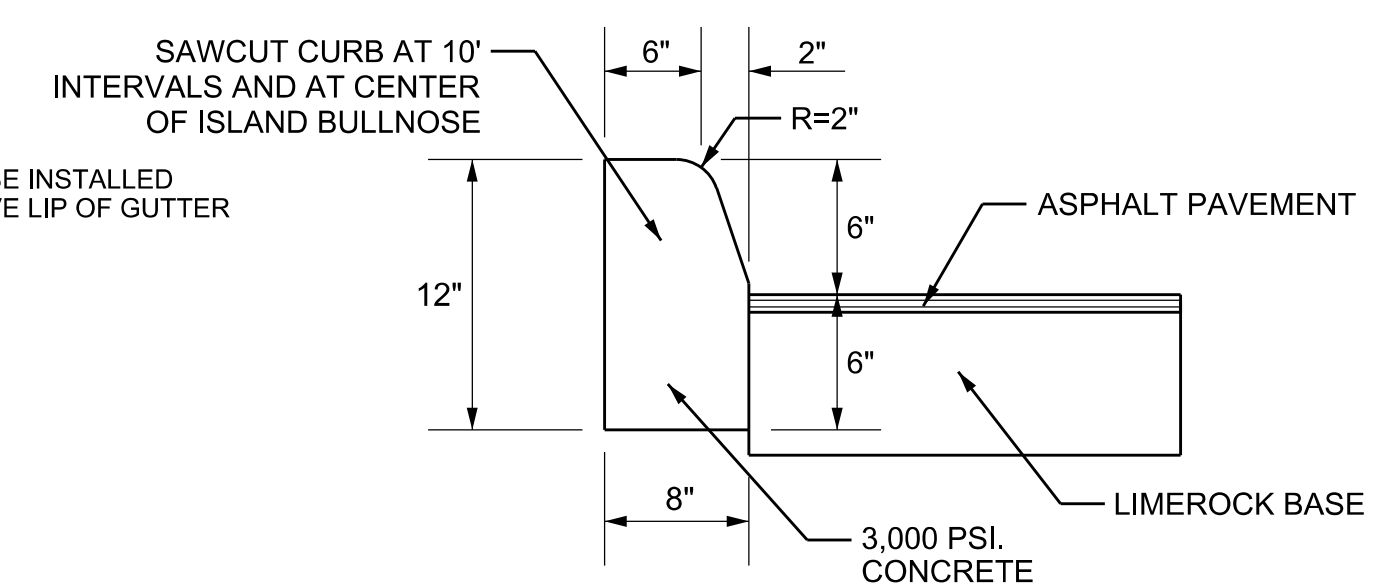


N.T.S.

N.T.S.



N.T.S. - PER F.D.O.T. INDEX 300



N.T.S. - PER MDC-PWD. DETAIL R14.2



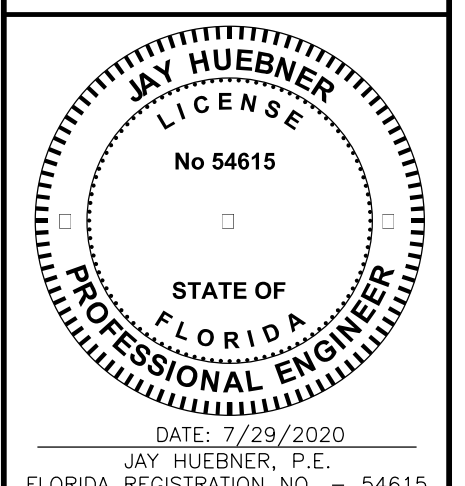
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AURA DELRAY BEACH

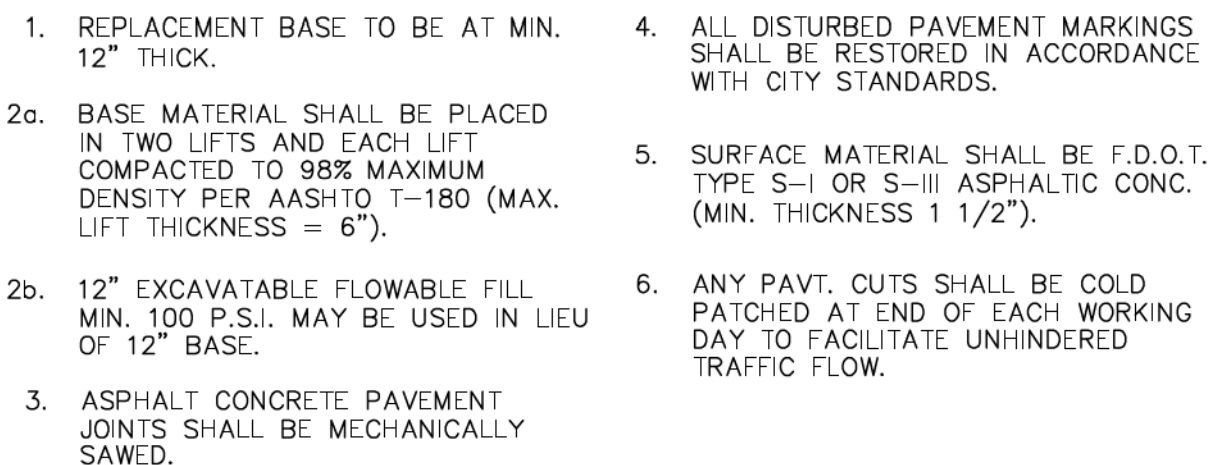
PAVING AND DRAINAGE DETAILS

DATE:	05/20
DESIGNED BY:	JH
DRAWN BY:	SG
CHECKED BY:	JH



PROJECT:	1906-43
SHEET:	PD-4

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DATE: 02-13-2008



1. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGE ROCKS SHALL BE REMOVED; BEDDING MATERIAL AND BACKFILL CONSISTING OF WASHED AND GRADED LIMEROCK 3/8" -7/8" SIZING.
2. THE PIPE AND/OR STRUCTURE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE AND/OR STRUCTURE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
5. COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND TO 95% DENSITY ELSEWHERE.(AASHTO T-180)
6. COMPACTION AND DENSITY TESTS SHALL BE COMPLETED DURING BACKFILL OPERATIONS, CONTRACTORS NOT FOLLOWING THIS PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO RE-EXCAVATE THE AREA IN QUESTION DOWN TO THE BEDDING MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.



DATE: 06-05-08

GU 21



1. PLACE NEOPRENE GASKET MATERIAL BETWEEN SKIMMER AND THE CATCH BASIN AT ALL POINTS OF CONTACT. TRIM THE GASKET NEATLY TO EXTEND 1/2 INCH BEYOND THE JOINT ON ALL SIDES
2. SKIMMER BAFFLE, CLEANOUT PIPE AND ANGLES SHALL BE PRIMARILY CONSTRUCTED OF EITHER GALVANIZED STEEL, ALUMINUM, POLYVINYL CHLORIDE, POLYETHYLENE, FIBERGLASS OR ACRYLONITE BUTADIENE STYRENE. ALL STEEL COMPONENTS OTHER THAN STAINLESS, SHALL BE HOT-DIP GALVANIZED.
3. MOUNTING HARDWARE, HINGES AND LATCHES SHALL BE STAINLESS STEEL. LOSS PREVENTION DEVICE SHALL BE EITHER STAINLESS STEEL CHAIN OR RIVETED NYLON STRAP.
4. MATERIAL USED IN CONSTRUCTION OF SKIMMER BODIES (BAFFLES) AND CLEANOUT PIPE SHALL COMPLY WITH FDOT STANDARD SPECIFICATION 943 FOR STEEL, 945 FOR ALUMINUM OR 948 FOR PLASTICS.
5. THE CONTRACTOR MAY PRICE AND SUBMIT AN ALTERNATIVE DESIGN PREFABRICATED FRENCH DRAIN SKIMMER FOR APPROVAL BY THE ENGINEER AND OWNER.
6. TYPE II SKIMMERS ARE TO BE USED WITH OUTLET PIPE DIAMETERS OF 15", 18" AND 24".
7. THIS DETAIL TO BE USED ON NEW DRAINAGE STRUCTURES ONLY. EXISTING BAFFLES WITHIN EXISTING INLETS TO BE REUSED.

N.T.S. - PER F.D.O.T. INDEX 241

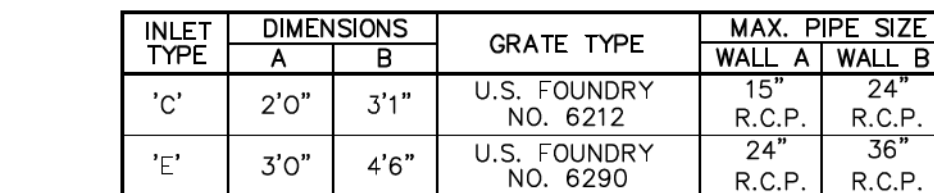
TYPE "E"

- NOTES:**
1. ALL GRATES SHALL BE SUITABLE FOR H-20 LOADING (HIGHWAY TRAFFIC LOADS)
 2. WHEN INSTALLED IN PAVEMENT OR WITHIN 6' OF PAVEMENT USE U.S.F. 4160-6210



DATE: 01-30-2006

D 61

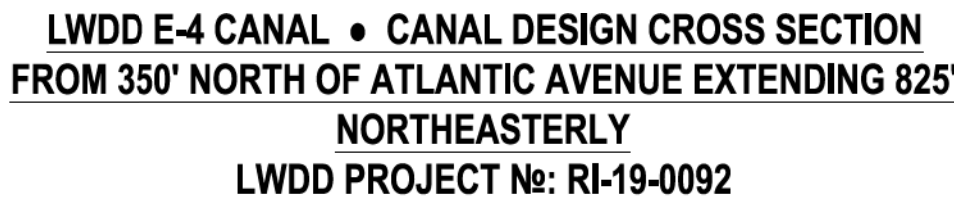


- NOTES:**
1. INLET TO BE PRECAST WITH CLASS 'A' 4000 P.S.I. CONCRETE.
 2. ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
 3. 12" DIA. WEIR HOLE REQUIRED ON ALL STRUCTURES WHICH HAVE A BOTTOM ELEVATION ABOVE THE WATER TABLE EXCEPT IN WELLFIELDS.
 4. 18" SUMP REQUIRED IN ALL DRAINAGE STRUCTURES.
 5. SEE BEDDING DETAIL D 3.1
 6. ALL STRUCTURES TO BE 4 SIDED ANGLE SHOULDERS.

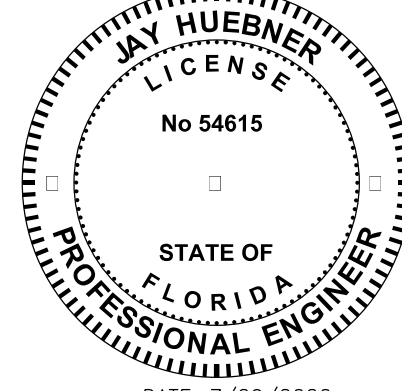
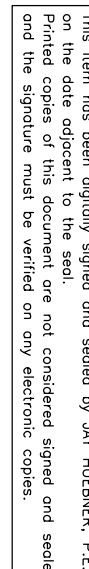


DATE: 06-27-2014

D. 7.1



DATE:	11/05/2019
CAD DRAWING BY:	DAVID VARR
RIGHT-OF-WAY CHECKED BY:	DAVID BEN
ENGINEERING CHECKED BY:	BRIAN TIL

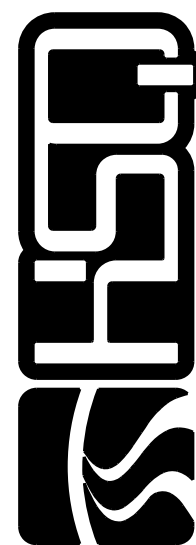


DATE: 7/29/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 5461

PROJECT: 1906-43

SHEET: RD.

SHEET: PD-5



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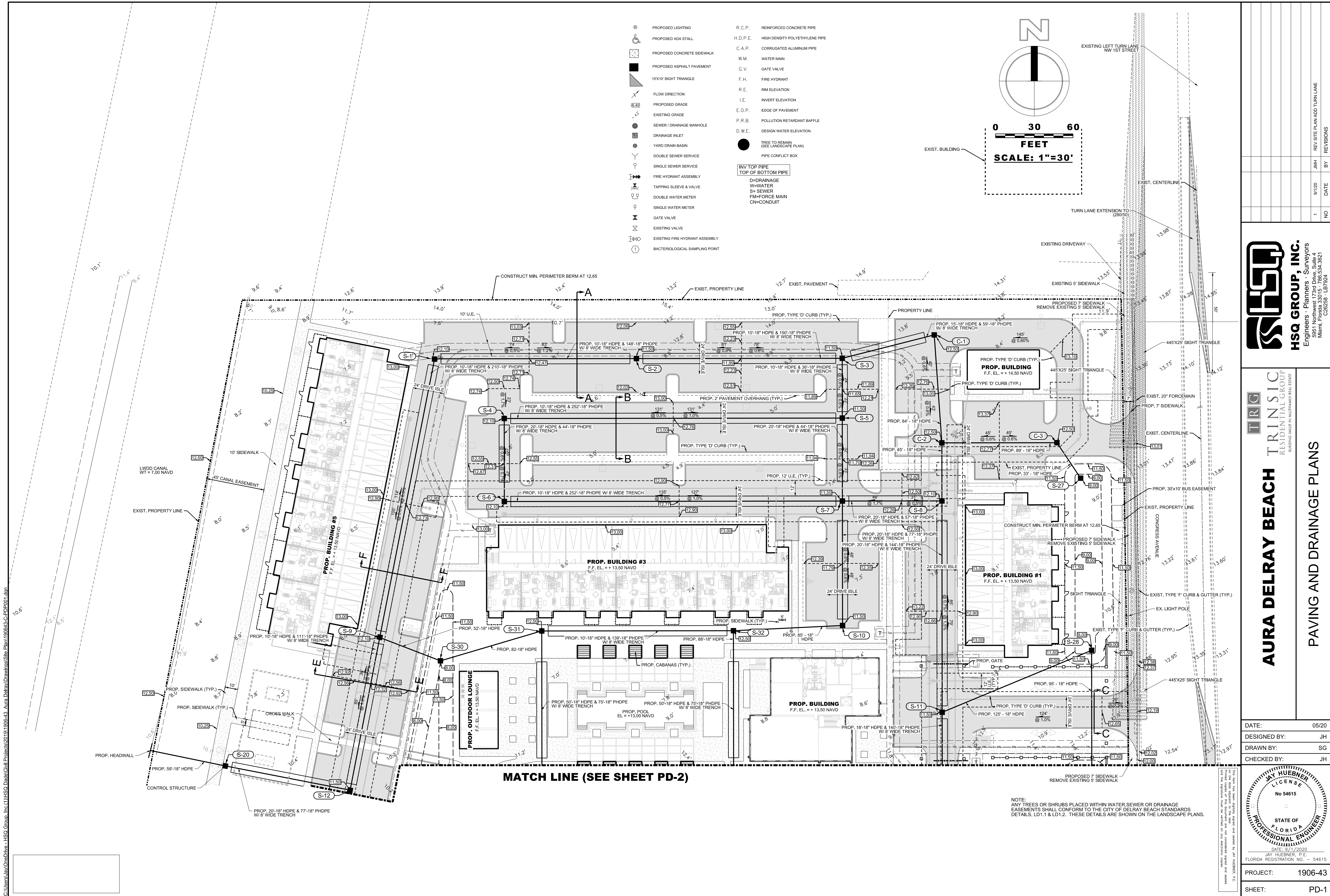


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AURA DELRAY BEACH

PAVING & DRAINAGE DETAILS

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- PROPOSED LIGHTING

PROPOSED ADA STALL

PROPOSED CONCRETE SIDEWALK

PROPOSED ASPHALT PAVEMENT

10X10' SIGHT TRIANGLE

FLOW DIRECTION

PROPOSED GRADE

EXISTING GRADE

SEWER / DRAINAGE MANHOLE

DRAINAGE INLET

YARD DRAIN BASIN

DOUBLE SEWER SERVICE

SINGLE SEWER SERVICE

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TAPPING SLEEVE & VALVE

DOUBLE WATER METER

SINGLE WATER METER

GATE VALVE

EXISTING VALVE

EXISTING FIRE HYDRANT ASSEMBLY

BACTERIOLOGICAL SAMPLING POINT
- R.C.P. REINFORCED CONCRETE PIPE

H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE

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D.W.E. DESIGN WATER ELEVATION

● TREE TO REMAIN (SEE LANDSCAPE PLAN)

○ PIPE CONFLICT BOX

INV TOP PIPE

TOP OF BOTTOM PIPE

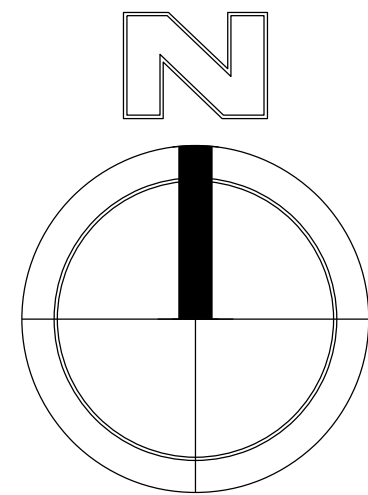
D=DRAINAGE

W=WATER

S=SEWER

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CN=CONDUIT



0 30 60
FEET
SCALE: 1"=30'

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RESIDENTIAL GROUP
BUILDING VALUE IN MULTITARI REAL ESTATE

AURA DELRAY BEACH

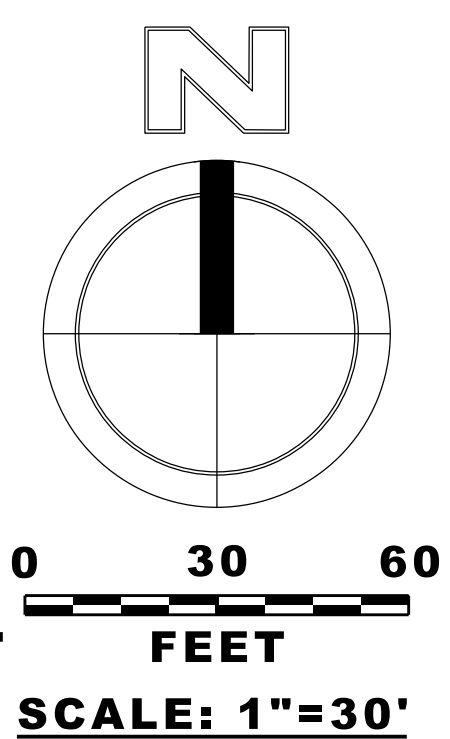
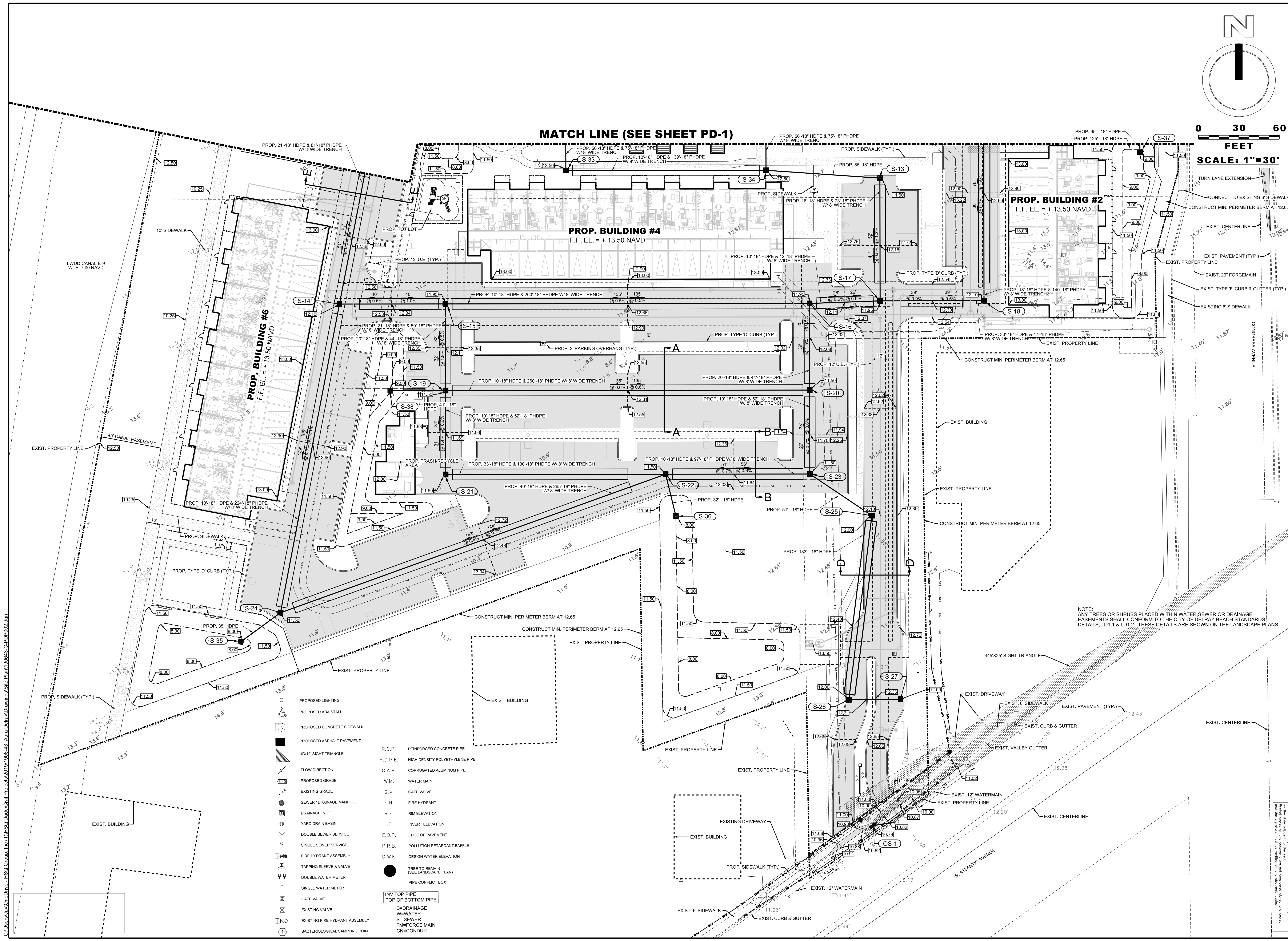
PAVING AND DRAINAGE PLANS

DATE:	05/20
DESIGNED BY:	JH
DRAWN BY:	SG
CHECKED BY:	JH

NOTE:
ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARDS, DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.

DATE: 9/1/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43
SHEET: PD-1



- | | | | |
|--|--------------------------------|--|---|
| | PROPOSED LIGHTING | | R.C.P. REINFORCED CONCRETE PIPE |
| | PROPOSED ADA STALL | | H.D.P.E. HIGH DENSITY POLYETHYLENE PIPE |
| | PROPOSED CONCRETE SIDEWALK | | C.A.P. CORRUGATED ALUMINUM PIPE |
| | PROPOSED ASPHALT PAVEMENT | | W.M. WATER MAIN |
| | 10'x10' SIGHT TRIANGLE | | G.V. GATE VALVE |
| | FLOW DIRECTION | | F.H. FIRE HYDRANT |
| | PROPOSED GRADE | | R.E. RIM ELEVATION |
| | EXISTING GRADE | | I.E. INVERT ELEVATION |
| | SEWER / DRAINAGE MANHOLE | | E.O.P. EDGE OF PAVEMENT |
| | DRAINAGE INLET | | P.R.B. POLLUTION RETARDANT BAFFLE |
| | YARD DRAIN BASIN | | D.W.E. DESIGN WATER ELEVATION |
| | DOUBLE SEWER SERVICE | | TREE TO REMAIN (SEE LANDSCAPE PLAN) |
| | SINGLE SEWER SERVICE | | PIPE CONFLICT BOX |
| | FIRE HYDRANT ASSEMBLY | | |
| | TAPPING SLEEVE & VALVE | | |
| | DOUBLE WATER METER | | |
| | SINGLE WATER METER | | |
| | GATE VALVE | | |
| | EXISTING VALVE | | |
| | EXISTING FIRE HYDRANT ASSEMBLY | | |
| | BACTERIOLOGICAL SAMPLING POINT | | |
- INV TOP PIPE
TOP OF BOTTOM PIPE
- D=DRAINAGE
W=WATER
S=SEWER
FM=FORCE MAIN
CN=CONDUIT

NOTE:
ANY TREES OR SHRUBS PLACED WITHIN WATER SEWER OR DRAINAGE
EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARDS
DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.

REV. / SITE PLAN MODIFICATION	
2	JHM
1	JHM
NO	DATE
BY	REVISIONS

HSQ GROUP, INC.
Engineers - Planners - Surveyors
5951 Northwest 73rd Drive, Suite 4
Miami, Florida 33015 • 786.534.3821
C26258 • LB7924

TRINISIC
RESIDENTIAL GROUP
BUILDING VALUE IN MULTIFAMILY REAL ESTATE

AURA DELRAY BEACH

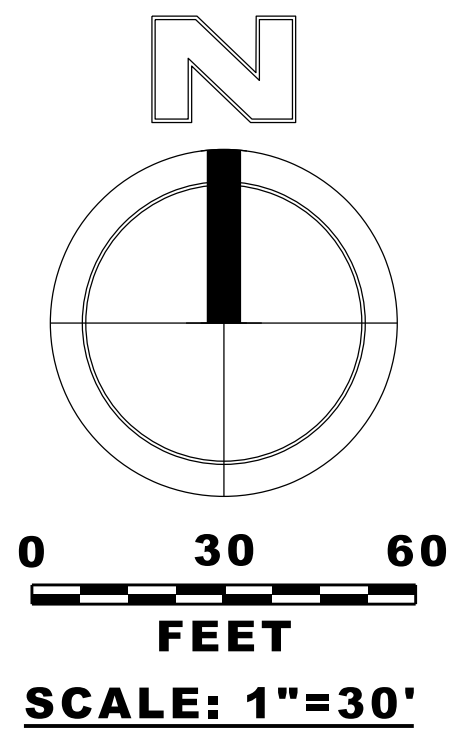
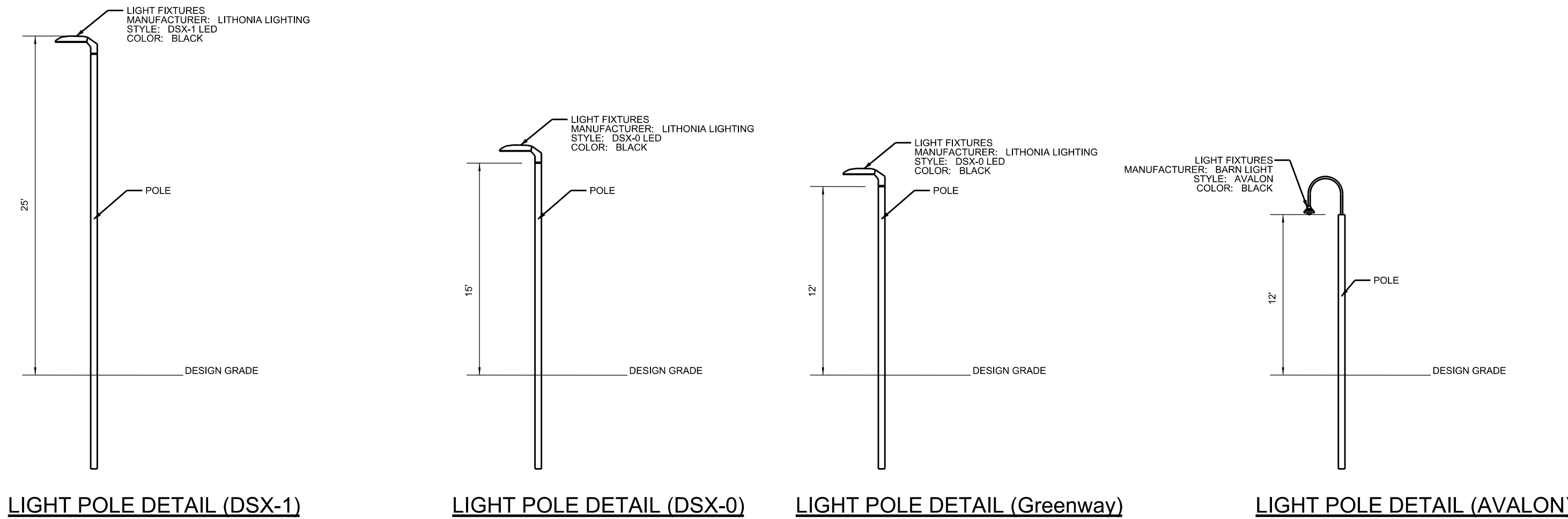
PAVING AND DRAINAGE PLANS

DATE:	05/20
DESIGNED BY:	JH
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JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

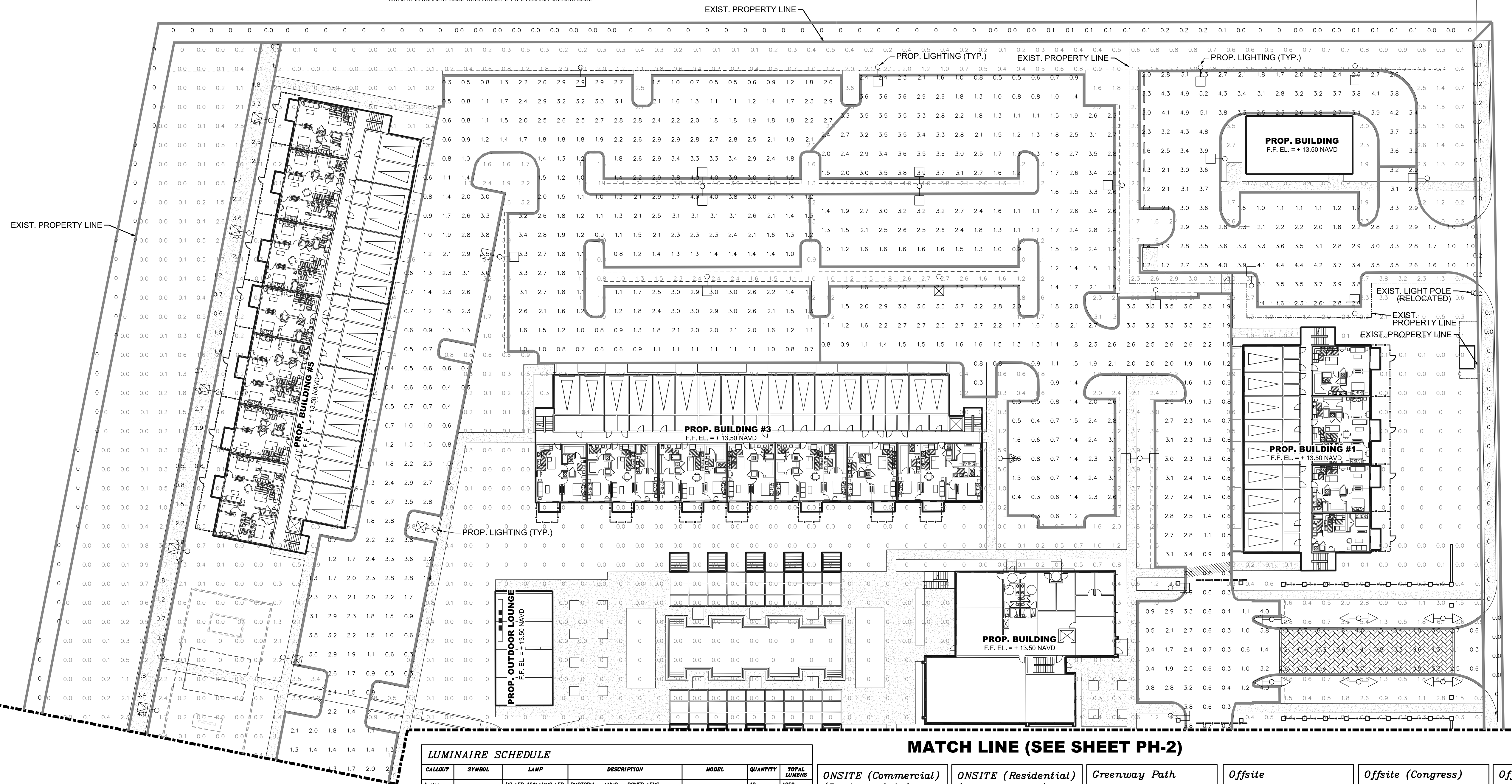
PROJECT:	1906-43
SHEET:	PD-2

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GENERAL NOTES

1. THE ABOVE LIGHT POLE DETAIL IS FOR REFERENCE PURPOSES ONLY. REFER TO THE MANUFACTURER'S SPECIFICATIONS FOR THE ACTUAL CONSTRUCTION AND INSTALLATION INFORMATION.
2. THE EXACT LOCATIONS OF THE NEW LIGHT POLES ARE TO BE FIELD ADJUSTED AS REQUIRED. IN ORDER TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES, CONCRETE CURBS, SIDEWALKS, ETC., THE LIGHT POLES MUST MAINTAIN A MINIMUM OF 2.5 FEET FROM THE EDGE OF PAVEMENT.
3. ALL NEW LIGHT POLES ARE TO BE MANUFACTURED AND INSTALLED TO WITHSTAND CURRENT CODE WIND LOADS PER THE FLORIDA BUILDING CODE.



LUMINAIRE SCHEDULE (Commercial)					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	TOTAL LUMENS
DSX1P3BLC		(1) LED,	DSX1 LED P3 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P3 40K BLC MVOLT	6
DSX1P4BLC		(1) LED,	DSX1 LED P4 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P4 40K BLC MVOLT	4
Greenway		(1) LED, PCBA LEM-30 4000K 31W 70 CR 501-00582-005	DSX0 LED P1 40K 12W MVOLT with houselide shield	Lithonia Lighting, DSX0 LED P1 40K 12W MVOLT HS	10

LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	QUANTITY
Avalon 1250		(1) LED 16W LMH2 LED MODULE W/ DOME, LMH20-3000-3009-0001TW	PHOTOPRIA - LMH2 - DOME LENS - WPA		12
Avalon 3000		(1) LED 36W LMH2 LED MODULE W/ DOME, LMH20-3000-3009-0001TW	PHOTOPRIA - LMH2 - DOME LENS - WPA		2
DSX0P1T15		(1) LED, PCBA LEM-30 4000K 31W 70 CR 501-00582-005	DSX0 LED P1 40K 115 MVOLT	Lithonia Lighting, DSX0 LED P1 40K 115 MVOLT	2
DSX1P3BLC		(1) LED,	DSX1 LED P3 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P3 40K BLC MVOLT	34
DSX1P4BLC		(1) LED,	DSX1 LED P4 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P4 40K BLC MVOLT	4
Greenway		(1) LED, PCBA LEM-30 4000K 31W 70 CR 501-00582-005	DSX0 LED P1 40K 12W MVOLT with houselide shield	Lithonia Lighting, DSX0 LED P1 40K 12W MVOLT HS	10

ONSITE (Commercial) (Roadway Only)

AVERAGE FOOT-CANDLES	2.83
MAXIMUM FOOT-CANDLES	5.2
MINIMUM FOOT-CANDLES	1.0
MINIMUM TO MAXIMUM FC RATIO	0.19
MAXIMUM TO MINIMUM FC RATIO	5:1
AVERAGE TO MINIMUM FC RATIO	2.83

ONSITE (Residential) (Roadway Only)

AVERAGE FOOT-CANDLES	1.78
MAXIMUM FOOT-CANDLES	4
MINIMUM FOOT-CANDLES	0.3
MINIMUM TO MAXIMUM FC RATIO	0.08
MAXIMUM TO MINIMUM FC RATIO	13:1
AVERAGE TO MINIMUM FC RATIO	5.93

Greenway Path

AVERAGE FOOT-CANDLES	1.93
MAXIMUM FOOT-CANDLES	4.2
MINIMUM FOOT-CANDLES	0.5
MINIMUM TO MAXIMUM FC RATIO	0.11
MAXIMUM TO MINIMUM FC RATIO	13:1
AVERAGE TO MINIMUM FC RATIO	4.22

Offsite

AVERAGE FOOT-CANDLES	0.02
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	0
MAXIMUM TO MINIMUM FC RATIO	NA
AVERAGE TO MINIMUM FC RATIO	0.02 / 0

Offsite (Congress)

AVERAGE FOOT-CANDLES	0.04
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	0
MAXIMUM TO MINIMUM FC RATIO	NA
AVERAGE TO MINIMUM FC RATIO	0.04 / 0

Offsite (Atlantic)

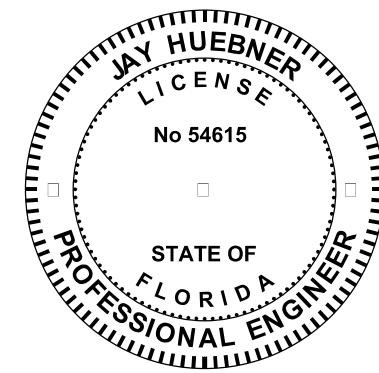
AVERAGE FOOT-CANDLES	0.08
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	0.02
MAXIMUM TO MINIMUM FC RATIO	0.2 / 0
AVERAGE TO MINIMUM FC RATIO	0.08 / 0



AURA DELRAY BEACH

PHOTOMETRIC PLAN

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



DATE: 9/2/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43

SHEET: PH-1

NOTES:
1. ALL DIMENSIONS ARE IN FEET AND INCHES.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO BE FIELD ADJUSTED AS REQUIRED.
4. ALL DIMENSIONS ARE TO BE FIELD ADJUSTED AS REQUIRED.

ONSITE (Commercial) (Roadway Only)	
AVERAGE FOOT-CANDLES	2.83
MAXIMUM FOOT-CANDLES	5.2
MINIMUM FOOT-CANDLES	1.0
MINIMUM TO MAXIMUM FC RATIO	0.19
MAXIMUM TO MINIMUM FC RATIO	5.1
AVERAGE TO MINIMUM FC RATIO	2.83

ONSITE (Residential) (Roadway Only)	
AVERAGE FOOT-CANDLES	1.78
MAXIMUM FOOT-CANDLES	4
MINIMUM FOOT-CANDLES	0.3
MINIMUM TO MAXIMUM FC RATIO	0.08
MAXIMUM TO MINIMUM FC RATIO	13.1
AVERAGE TO MINIMUM FC RATIO	5.93

Greenway Path	
AVERAGE FOOT-CANDLES	1.93
MAXIMUM FOOT-CANDLES	4.2
MINIMUM FOOT-CANDLES	0.5
MINIMUM TO MAXIMUM FC RATIO	0.11
MAXIMUM TO MINIMUM FC RATIO	9.1
AVERAGE TO MINIMUM FC RATIO	4.22

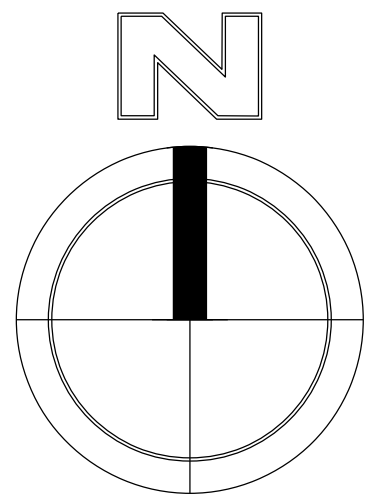
Offsite	
AVERAGE FOOT-CANDLES	0.02
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	NA
MAXIMUM TO MINIMUM FC RATIO	NA
AVERAGE TO MINIMUM FC RATIO	NA

Offsite (Congress)	
AVERAGE FOOT-CANDLES	0.04
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	0
MAXIMUM TO MINIMUM FC RATIO	0.2 / 0
AVERAGE TO MINIMUM FC RATIO	0.04 / 0

Offsite (Atlantic)	
AVERAGE FOOT-CANDLES	0.08
MAXIMUM FOOT-CANDLES	0.2
MINIMUM FOOT-CANDLES	0
MINIMUM TO MAXIMUM FC RATIO	0.02
MAXIMUM TO MINIMUM FC RATIO	0.2 / 0
AVERAGE TO MINIMUM FC RATIO	0.08 / 0

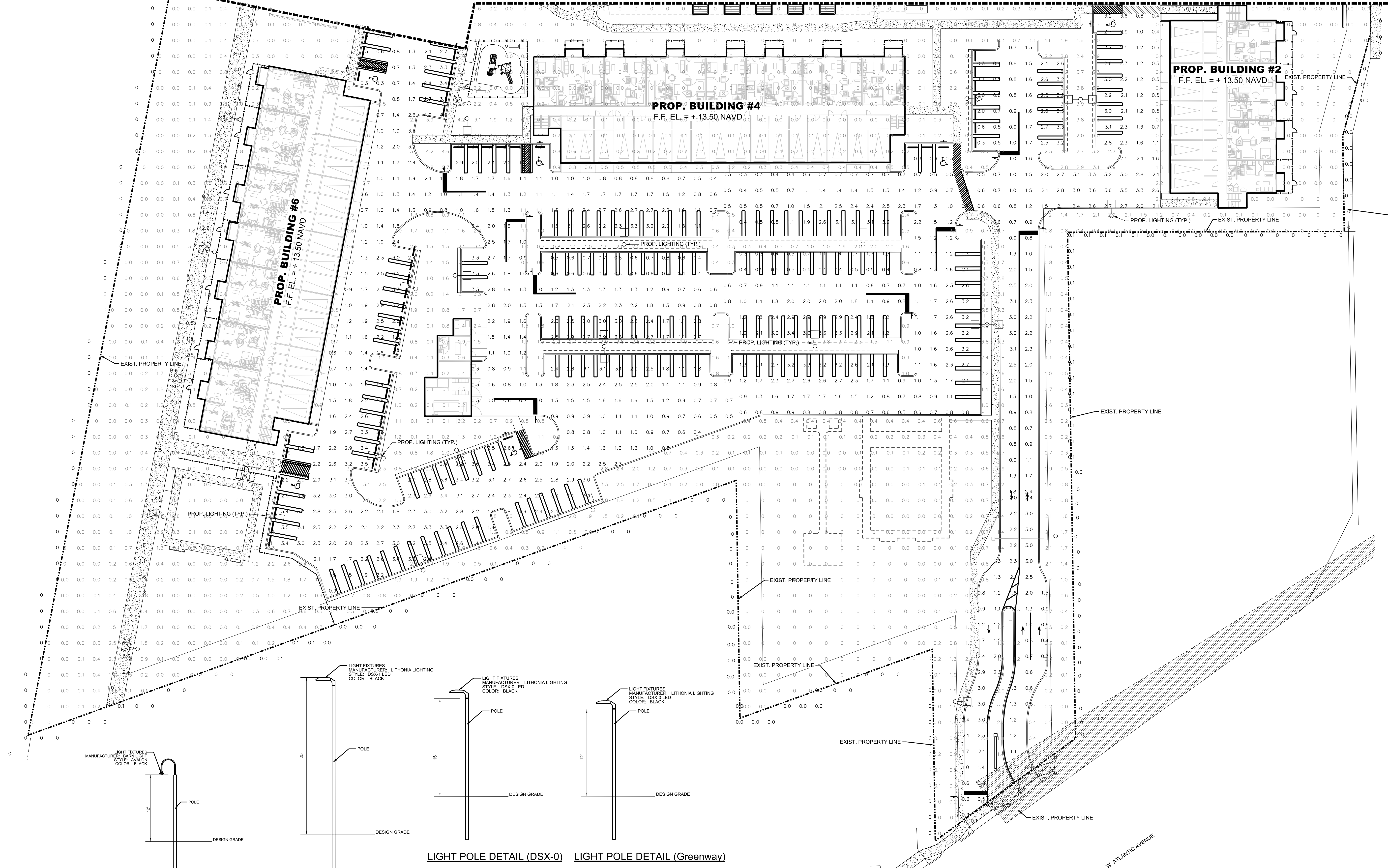
LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	QUANTITY
Avalon 1250		(1) LED 16W LMH2 LED MODULE W/ DOME	PHOTOPIA - LMH2 - DOMED LENS - W/HA		12
Avalon 3000		(1) LED 38W LMH2 LED MODULE W/ DOME	PHOTOPIA - LMH2 - DOMED LENS - W/HA		2
DSX1P1T15		(1) LED, PCB, LEM-30 4000K, 310A, 70 CR, 501-00582-005	DSX1 LED P1 40K T15 MVOLT	Lithonia Lighting, DSX1 LED P1 40K T15	2
DSX1P3BLC		(1) LED,	DSX1 LED P3 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P3 40K BLC	34
DSX1P4BLC		(1) LED,	DSX1 LED P4 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P4 40K BLC	4
Greenway		(1) LED, PCB, LEM-30 4000K, 310A, 70 CR, 501-00582-005	DSX1 LED P1 40K T24 MVOLT with House-side shield	Lithonia Lighting, DSX1 LED P1 40K T24	10

LUMINAIRE SCHEDULE (Commercial)					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	QUANTITY
DSX1P3BLC		(1) LED,	DSX1 LED P3 40K BLC MVOLT	Lithonia Lighting, DSX1 LED P3 40K BLC	6



0 30 60
FEET
SCALE: 1"=30'

MATCH LINE (SEE SHEET PH-1)



LIGHT POLE DETAIL (AVALON)

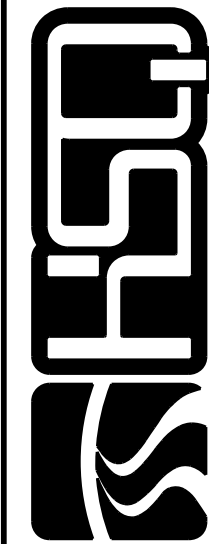
LIGHT POLE DETAIL (DSX-1)

LIGHT POLE DETAIL (DSX-0)

LIGHT POLE DETAIL (Greenway)

GENERAL NOTES

- THE ABOVE LIGHT POLE DETAIL IS FOR REFERENCE PURPOSES ONLY. THE EXACT LIGHT POLE MANUFACTURER'S SPECIFICATIONS FOR THE ACTUAL CONSTRUCTION AND INSTALLATION INFORMATION.
- THE EXACT LOCATIONS OF THE NEW LIGHT POLES ARE TO BE FIELD ADJUSTED AS REQUIRED, IN ORDER TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES, CONCRETE CURBS, SIDEWALKS, ETC. THE LIGHT POLES MUST MAINTAIN A MINIMUM OF 2.5 FEET FROM THE EDGE OF PAVEMENT.
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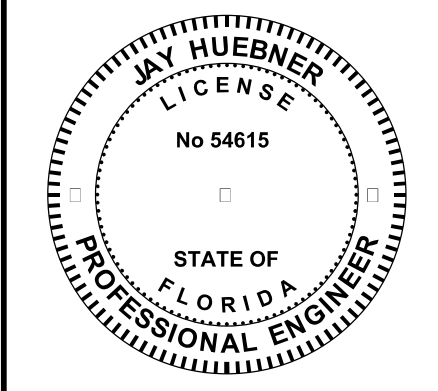


HSQ GROUP, INC.
Engineers - Planners - Surveyors
5951 Northwest 73rd Drive, Suite 4
Miami, Florida 33015 • 786.534.8821
C26258 • LB1924

AURA DELRAY BEACH

PHOTOMETRIC PLAN

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



DATE: 9/2/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43

SHEET: PH-2

 One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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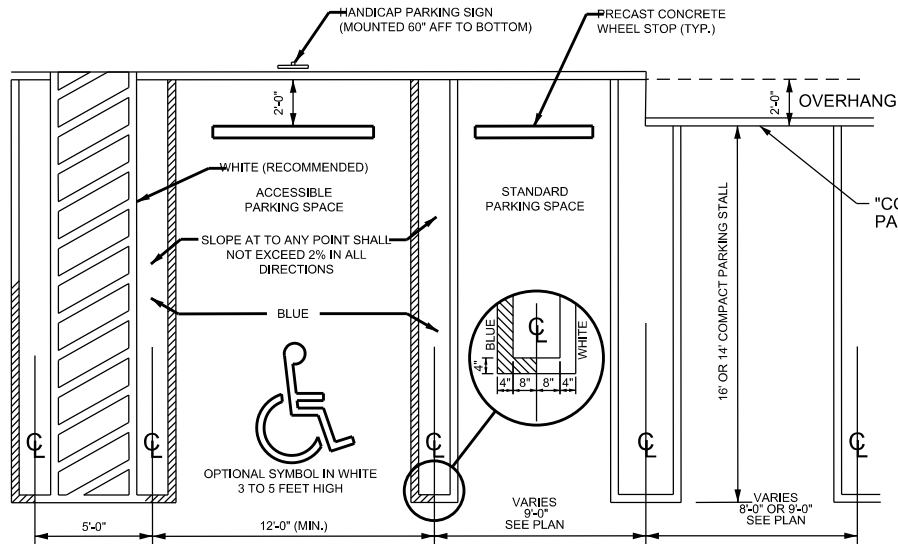
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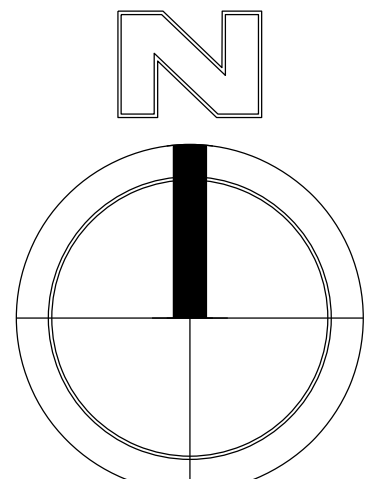
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Address: 320 Knox McRae Drive Titusville, FL 32780 Phone: (800) 407-8784 Email: sales@barnlight.com Website: www.barnlight.com

DATE:	05/20
DESIGNED BY:	JH
DRAWN BY:	SG
CHECKED BY:	JH
	
PROJECT:	1906-43
SHEET:	PH-3



ACCESSIBLE PARKING SPACE DETAIL



0 50 100
FEET
SCALE: 1"=50'

SIGN LEGEND:

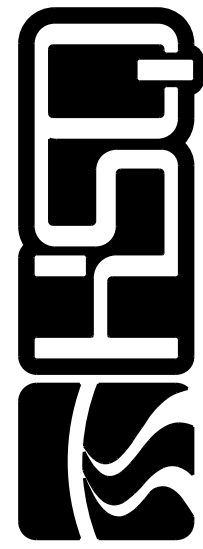
- STOP R1-1 "STOP SIGN" (30" X 30")
- DO NOT ENTER R5-1 "DO NOT ENTER SIGN" (30" X 30")
- NO PARKING R8-3 "NO PARKING SIGN" (24" X 30")
- OM1-1 RED ROADSIDE OBJECT MARKER (18" X 18")
- W11-02 "PEDESTRIAN CROSSING SIGN" W/ W16-07PL ARROW
- W11-02 "PEDESTRIAN CROSSING SIGN" W/ W16-07PL ARROW
- HANDICAP PARKING ONLY SIGN (SEE DETAIL)
- D3-1 "STREET SIGN" SEE PLAN FOR STREET NAMES
- R3-5R "RIGHT TURN ONLY"
- R06-01R "ONE WAY SIGN"
- R06-01L "ONE WAY SIGN"

NOTE:
ALL SIGNS TO BE MOUNTED IN ACCORDANCE WITH
FDOT INDEX 11860

NOTE:
ANY TREES OR SHRUBS PLACED WITHIN WATER,SEWER OR DRAINAGE
EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARDS
DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.

GENERAL TRAFFIC NOTES AND CONDITIONS:

- ALL STOP BARS ARE TO BE INSTALLED 4' MIN. BEHIND ADJACENT TRAVEL LANES OR PEDESTRIAN CROSS WALKS.
- ALL STOP SIGNS AND DO NOT ENTER SIGNS ARE TO BE COLUMN MOUNTED AT A HEIGHT OF 7'-0" MINIMUM.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS PER APPLICABLE TRAFFIC DESIGN STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND MATCHING EXISTING PAVEMENT MARKINGS AND REFLECTIVE PAVEMENT MARKERS WHERE REQUIRED.
- ANY SIGNING MATERIAL, INCLUDING SUPPORTS TO BE REMOVED, SHALL BE DELIVERED BY THE CONTRACTOR TO DADE COUNTY'S TRAFFIC SIGNALS AND SIGNS MAINTENANCE FACILITY LOCATED AT 7100 NORTHWEST 36th STREET, MIAMI, FLORIDA.
- 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 AND/OR INSPECTOR.
- CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH PROPOSED RECONFIGURATION BY WATER JETTING METHOD OR APPROVED EQUAL.



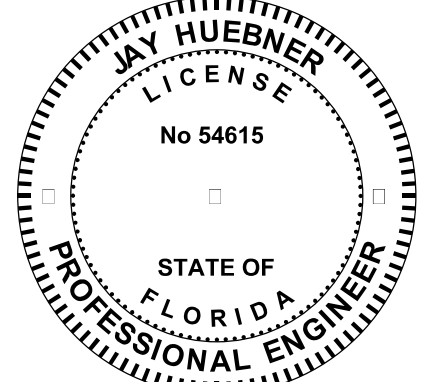
HSQ GROUP, INC.
Engineers - Planners - Surveyors
5951 Northwest 73rd Drive, Suite 4
Miami, Florida 33015 - 786.534.3821
C26258 - LB7924



AURA DELRAY BEACH

SIGNAGE & PAVEMENT MARKING PLAN

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



DATE: 9/1/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43

SHEET: SPM-1

GRAVITY SEWER NOTES

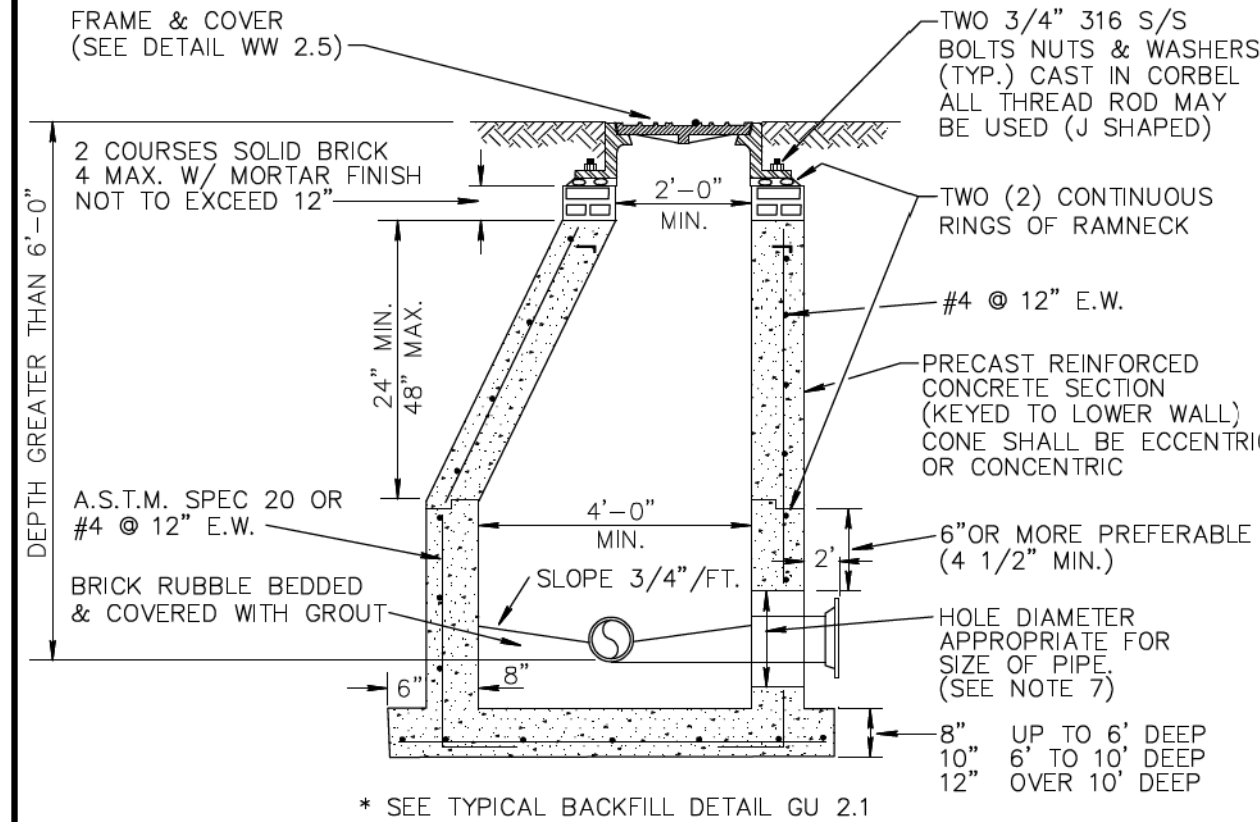
- MANHOLES SHALL BE INSPECTED BY THE ENGINEER BEFORE PLACEMENT AND SURFACE TREATMENT.
- ALL OPENINGS IN PRECAST MANHOLES SHALL BE CAST AT TIME OF MANUFACTURE. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORE ENTRY ONLY.
- ALL MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE.
- (PVC) GRAVITY SEWER PIPE SHALL CONFORM TO ASTM D 3034, SDR 35, LATEST REVISIONS, WITH PUSH ON RUBBER GASKET JOINTS.
- (DIP) GRAVITY SEWER PIPE SHALL BE CLASS 350, EPOXY LINED OR AS OTHERWISE APPROVED BY ENVIRONMENTAL SERVICES DEPARTMENT.
- NO SERVICE CONNECTIONS, WYES, SERVICES OR VALVES WILL BE PERMITTED IN RESIDENTIAL DRIVEWAYS.
- MANHOLE FRAMES SHALL BE ATTACHED TO THE PRECAST STRUCTURE WITH A MINIMUM OF TWO 3/4" 316 STAINLESS STEEL BOLTS, NUTS AND WASHERS. FRAMES SHALL BE SEALED WITH A MINIMUM OF TWO 1/2" BEADS OF RAM-NEK CAULKING.
- TRENCHES SHALL BE DE-WATERED TO ENABLE PIPE AND APPURTENANCES TO BE INSTALLED FREE OF WATER ON UNDISTURBED SOIL. IF UNSUABLE SUBSURFACE MATERIAL IS ENCOUNTERED, EXCAVATE EXTRA 6" AND BACKFILL WITH 3/4" GRAVEL.
- PVC SHALL BE LAID IN STRICT CONFORMANCE TO MANUFACTURER'S SPEC (JOHNS MANVILLE RING TITE PVC PIPE INSTALLATION GUIDE OR EQUAL). BACKFILLING OF UTILITY TRENCHES WILL NOT BE ALLOWED UNTIL INSPECTED BY THE ENGINEER.
- BACKFILL MATERIAL FOR SEWER MAIN AND LINES SHALL BE NON-COHESIVE, NON PLASTIC MATERIAL FREE OF ALL DEBRIS, LUMPS AND ORGANIC MATTER. BACKFILL MATERIAL PLACED WITHIN ONE (1) FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO (2) INCHES IN DIAMETER (1" FOR PVC PIPE) AND NO STONES LARGER THAN SIX (6) INCHES IN DIAMETER WILL BE PERMITTED IN ANY BACKFILL.
- ALL EXCAVATION IN EXISTING RIGHT OF WAY SHALL BE BACKFILLED AND STABILIZED AT THE END OF EACH DAY TO PERMIT PEDESTRIAN AND VEHICULAR TRAFFIC PRIOR TO THE CONTRACTOR LEAVING THE SITE.
- WHERE SEWER IS NOT WITHIN PUBLIC R/W, IT IS TO BE LOCATED IN A 12' UTILITY EASEMENT. CITY MAINTENANCE RESPONSIBILITY IS MANHOLE TO MANHOLE ONLY.
- UPON COMPLETION OF THE WORK AND PRIOR TO PLACEMENT OF ASPHALT A VISUAL INSPECTION BY THE ENGINEER SHALL BE MADE OF THE COMPLETED SYSTEM ALONG WITH A LOW PRESSURE AIR TEST. AFTER ROCK BASE FINISHED & PRIMED, OR 1ST LIFT OF ASPHALT PLACED, AFTER ALL OTHER TESTING HAS BEEN COMPLETED, A CD VIDEO RECORDING SHALL BE MADE BY THE CONTRACTOR AND APPROVED BY THE ENGINEER, BEFORE THE LENGTHS ARE ACCEPTED FOR MAINTENANCE.
- EACH LINE SEGMENT SHALL BE LAMPED TO DETERMINE PROPER ROUNDNESS.
- COMPLETE "AS BUILT" INFORMATION RELATIVE TO MANHOLES, VALVES, SERVICES FITTINGS, PIPE LENGTHS, INVERTS AND SLOPES SHALL BE ACCURATELY RECORDED & SUBMITTED TO THE ENGINEER CITY SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
- AT THE END OF THE ONE (1) YEAR WARRANTY PERIOD THE DEVELOPER/CONTRACTOR WILL T.V. INSPECT, AIR TEST EVERY JOINT, AND CHECK MANHOLE JOINTS AND CONNECTIONS TO DETERMINE IF REPAIRS ARE NECESSARY BEFORE THE WARRANTY BOND IS RELEASED.
- NO PROPOSED STRUCTURES SHALL BE INSTALLED WITHIN A HORIZONTAL DISTANCE OF 10- FEET FROM ANY EXISTING OR PROPOSED SANITARY SEWER FACILITY.
- ANY PIPE INTRODUCED INTO AN EXISTING MANHOLE MUST HAVE CARBOLINE BITUMASTIC 300M OR APPROVED EQUAL APPLIED EXTERNALLY WITHIN A MINIMUM 2-FOOT RADIUS OF OPENING AND THE ENTIRE MANHOLE MUST HAVE SEWPER COAT OR APPROVED EQUAL APPLIED INTERNALLY.
- ANY REHABILITATION TO AN EXISTING MANHOLE MUST BE INTERNALLY STRIPPED AND LINED WITH SEWPER COAT OR APPROVED EQUAL.



CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
424 SOUTH BIRNITON AVENUE, DELRAY BEACH, FLORIDA 33444

GRAVITY SEWER NOTES

DATE: 08-06-2024
WW 1.1



NOTES:

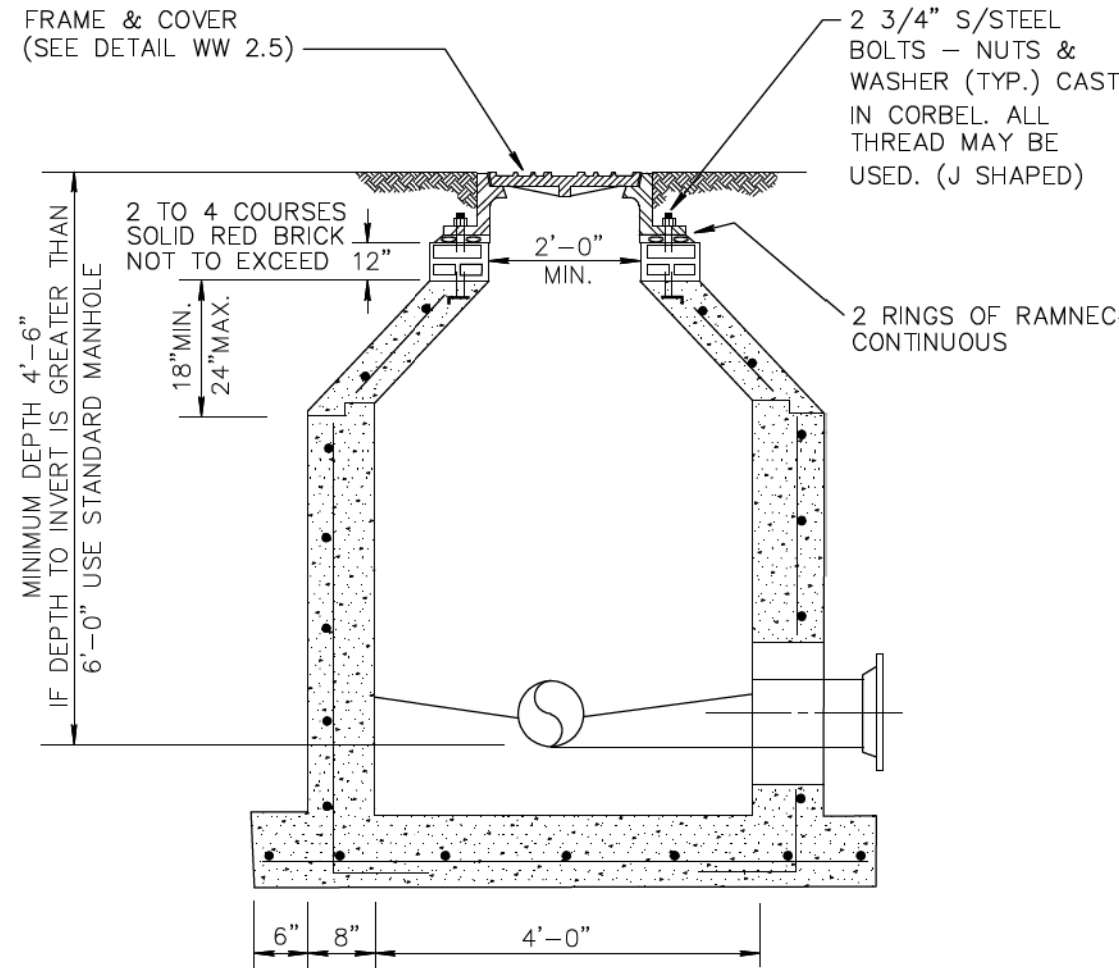
- PRECAST CONCRETE TYPE II 4000 P.S.I.
- RAMNECK AT ALL RISER JOINTS WITH GROUT ON INSIDE AND OUTSIDE AT ALL RISER JOINTS.
- ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON-SHRINKING GROUT.
- FLOW CHANNELS SHALL BE CONSTRUCTED TO DIRECT INFLEUNT INTO FLOW STREAM.
- LIFT HOLES SHALL BE FILLED WITH EXPANDABLE GROUT
- ALL PIPE HOLES SHALL BE PRECAST.
- CAST IN PLACE FLEXIBLE PIPE-TO MANHOLE CONNECTOR (LOCK JOINT FLEXIBLE SLEEVE ELASTOMER EPDM OR RUBBER GASKET WITH GLASS FIBER REINFORCED NYLON 6/6 INTERNAL EXPANSION RING) INSTALLED PER MANUFACTURER.
- PAINT MANHOLE INSIDE AND OUTSIDE WITH ONE (1) COAT RED CARBOLINE BITUMASTIC 300M THEN ONE (1) COAT BLACK OR APPROVED EQUAL, to 8-10 MILS D.F.T./COAT, FIRST COAT RED THEN BLACK.
- MANHOLE FABRICATION SHALL BE IN ACCORDANCE W/ ASTM C-478, LATEST STANDARD.
- IF THE STRUCTURE IS INSTALLED IN WATER TABLE MUST HAVE BEDDING. (SEE DETAIL BEDDING WW6.1)



CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
424 SOUTH BIRNITON AVENUE, DELRAY BEACH, FLORIDA 33444

STANDARD MANHOLE DETAIL

DATE: 08-01-11
WW 2.1



* SEE TYPICAL BACKFILL DETAIL GU 2.1

NOTE:

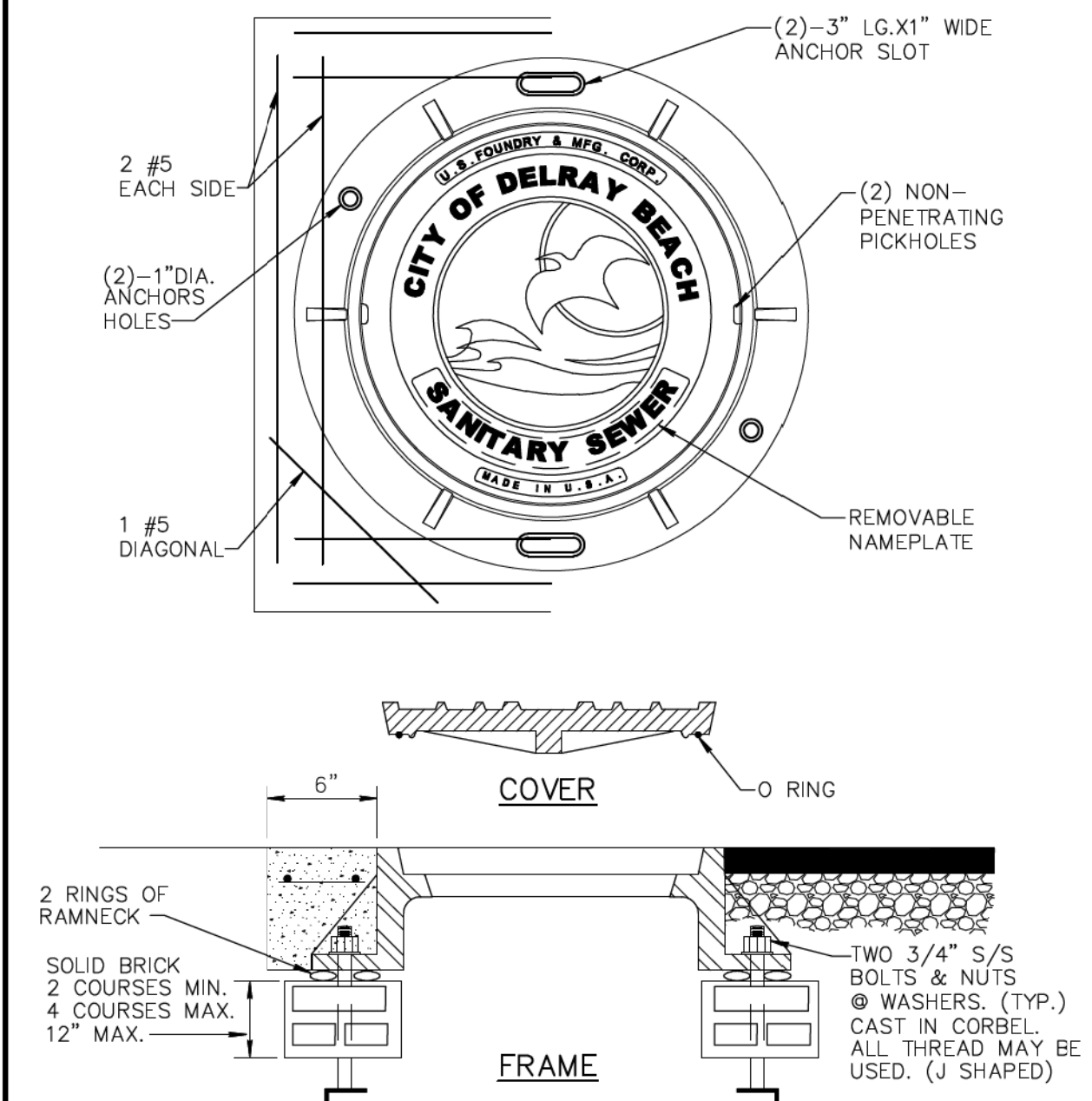
ALL STANDARD MANHOLE NOTES AND DETAILS ARE APPLICABLE (DETAIL WW 2.1).



CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
424 SOUTH BIRNITON AVENUE, DELRAY BEACH, FLORIDA 33444

SHALLOW MANHOLE DETAIL

DATE: 09-12-00
WW 2.2



NOTES:

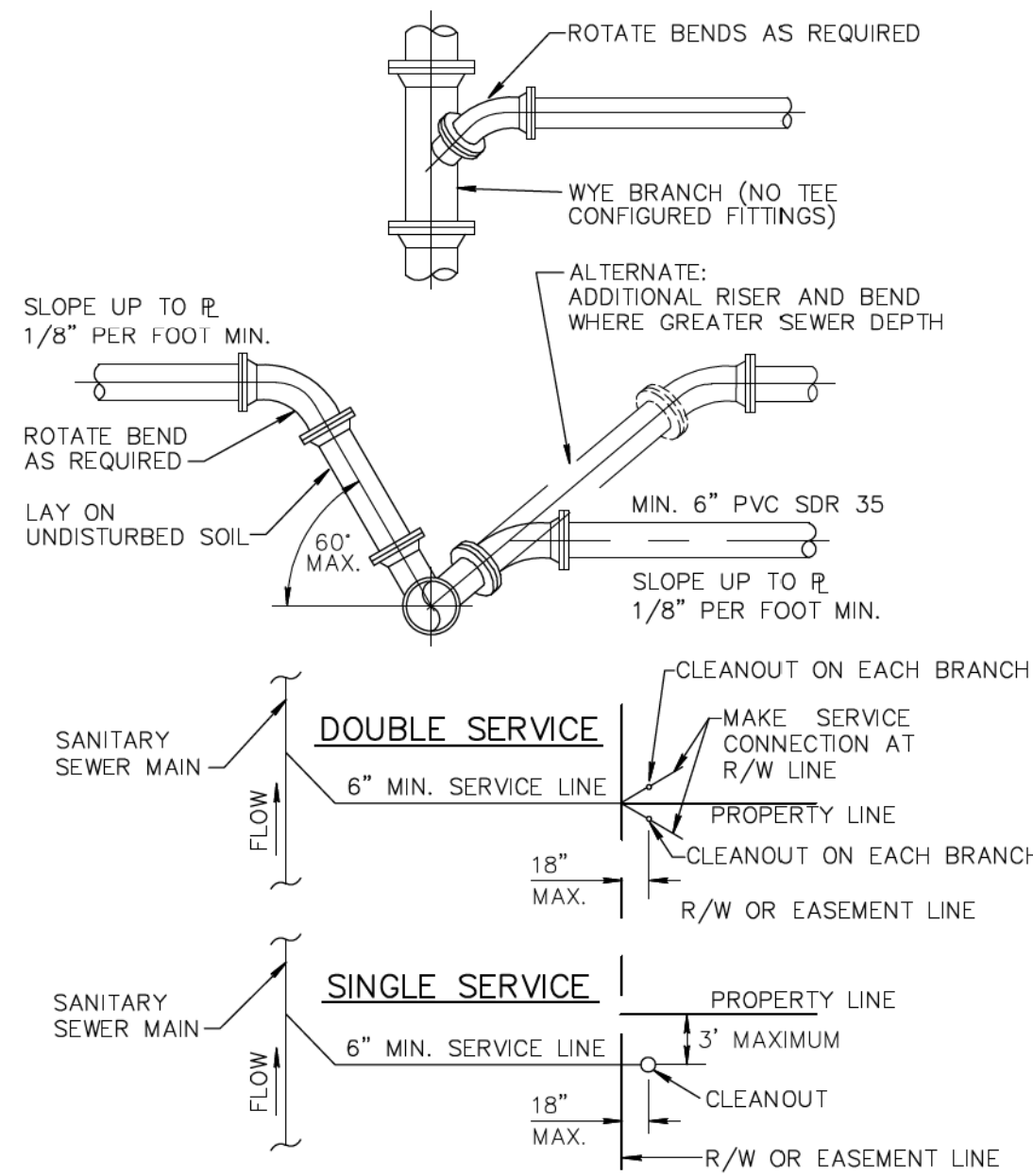
- COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT.
- COVER SHALL BE U.S. MR-ORS AND RING SHALL BE USF 576 RING WITH BITUMASTIC COAL TAR.
- MANHOLE ADJUSTING RINGS SHALL BE CAST IRON, USF TYPE B.



CITY of DELRAY BEACH
ENVIRONMENTAL SERVICES DEPARTMENT
424 SOUTH BIRNITON AVENUE, DELRAY BEACH, FLORIDA 33444

SANITARY SEWER MANHOLE
FRAME AND COVER

DATE: 08-01-11
WW 2.5



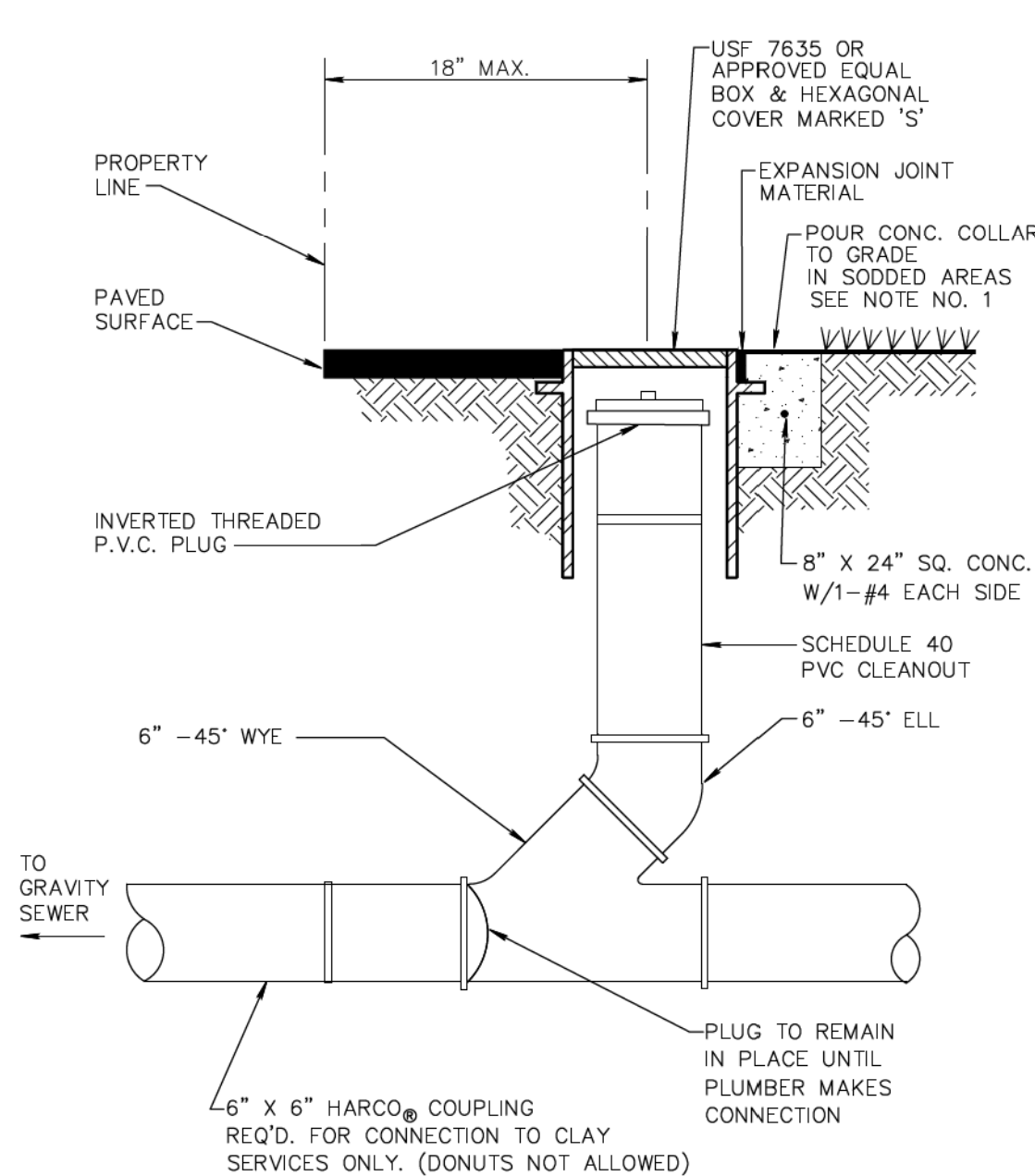
NOTE:

- SERVICE LATERALS SHALL TERMINATE INSIDE PROPERTY LINE A DEPTH OF 3 FEET AND MARKED WITH A 2"X 4" TREATED STAKE.
- CLEANOUT INSTALLATION SHALL BE PROPERTY OWNERS RESPONSIBILITY AND SHALL BE INSTALLED BY LICENSED PLUMBER.
- SEE DETAIL PW 2.1 FOR SEPARATION REQUIREMENTS.



SEWER SERVICE CONNECTION

DATE: 02-19-2008
WW 4.1



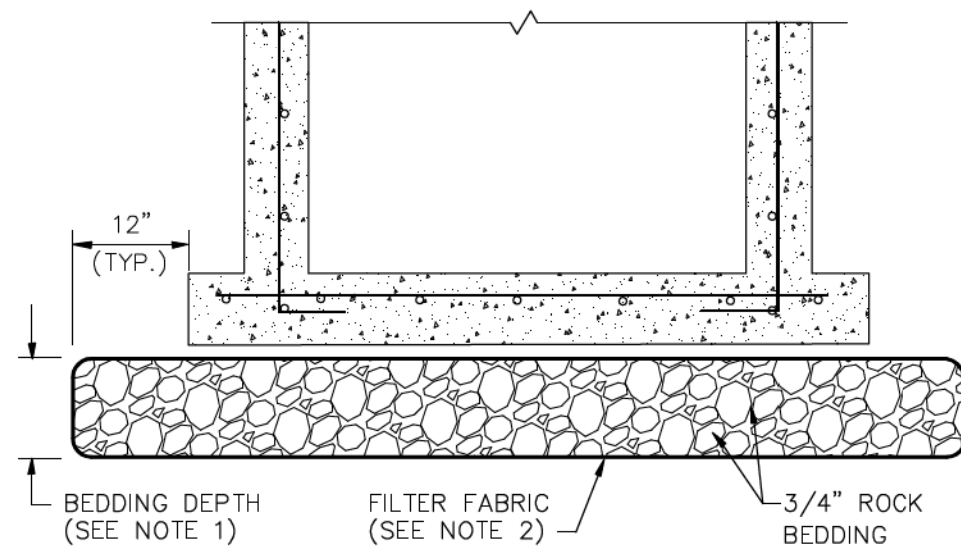
NOTE:

- INVERTED BRASS CAP SHALL BE USED IN GRASS AREAS IN LIEU OF CASTING AND CONE COLLAR.
- MINIMUM DEPTH OF SERVICE LATERAL SHALL BE 3 FEET.



TYPICAL COMMERCIAL CLEANOUT

DATE: 08-27-2014
WW 5.2



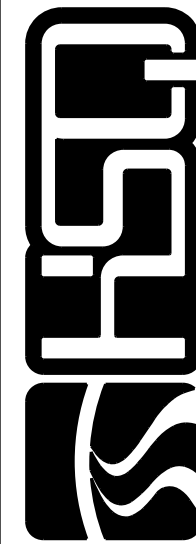
NOTES:

- BEDDING DEPTH SHALL BE 10" UNDER DRAINAGE STRUCTURES AND 18" UNDER SANITARY STRUCTURES.
- ROCK SHALL BE WRAPPED IN FILTER FABRIC THAT MEETS THE REQUIREMENTS OF F.D.O.T. SPECIFICATION SECTION 985.



STANDARD BEDDING DETAIL

DATE: 12-6-04
WW 6.1



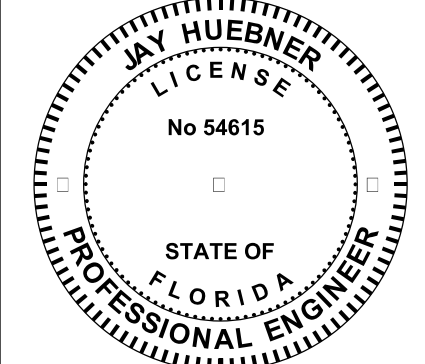
HSQ GROUP, INC.
Engineers - Planners - Surveyors
5951 Northwest 173rd Drive, Suite 4
Miami, Florida 33015 - 786.534.3821
C26256 - LB7924



AURA DELRAY BEACH

WATER & SEWER DETAILS

DATE: 05/20
DESIGNED BY: JH
DRAWN BY: SG
CHECKED BY: JH



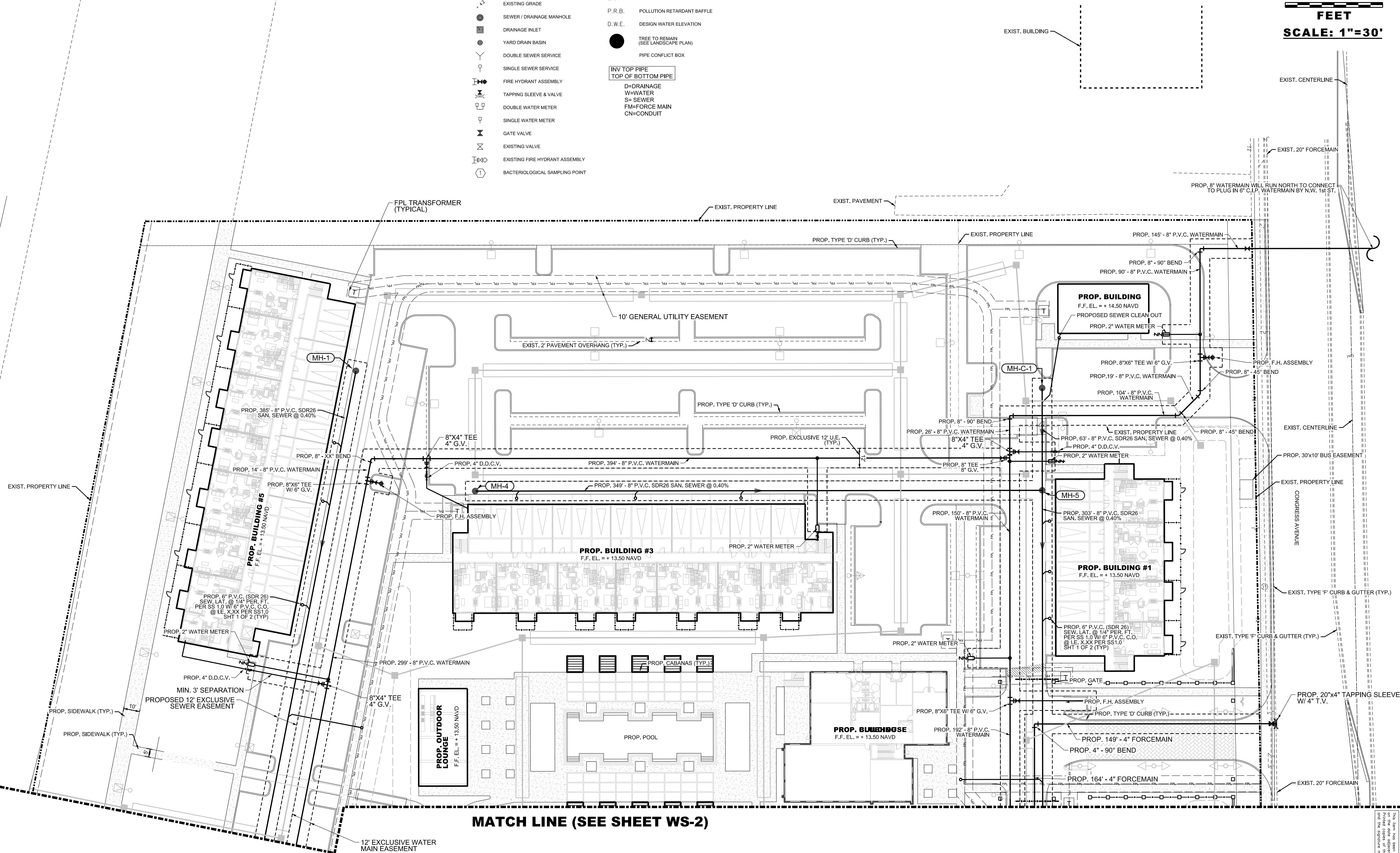
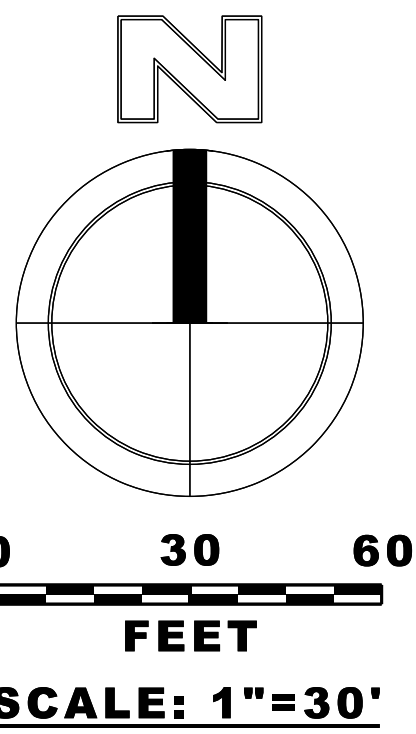
DATE: 7/27/2020
JAY HUEBNER, P.E.
FLORIDA REGISTRATION NO. - 54615

PROJECT: 1906-43

SHEET: WS-4

C:\Users\jlaw\OneDrive - HSO Group, Inc (1)\HSO Data\Drawings\Site Plans\190643-C-VSP001.dgn

- | | | | |
|--|--------------------------------|----------|-------------------------------------|
| | PROPOSED LIGHTING | R.C.P. | REINFORCED CONCRETE PIPE |
| | PROPOSED ADA STALL | H.D.P.E. | HIGH DENSITY POLYETHYLENE PIPE |
| | PROPOSED CONCRETE SIDEWALK | C.A.P. | CORRUGATED ALUMINUM PIPE |
| | PROPOSED ASPHALT PAVEMENT | W.M. | WATER MAIN |
| | 10'X10' SIGHT TRIANGLE | G.V. | GATE VALVE |
| | FLOW DIRECTION | F.H. | FIRE HYDRANT |
| | PROPOSED GRADE | R.E. | RIM ELEVATION |
| | EXISTING GRADE | I.E. | INVERT ELEVATION |
| | SEWER / DRAINAGE MANHOLE | E.O.P. | EDGE OF PAVEMENT |
| | DRAINAGE INLET | P.R.B. | POLLUTION RETARDANT BAFFLE |
| | YARD DRAIN BASIN | D.W.E. | DESIGN WATER ELEVATION |
| | DOUBLE SEWER SERVICE | | TREE TO REMAIN (SEE LANDSCAPE PLAN) |
| | SINGLE SEWER SERVICE | | PIPE CONFLICT BOX |
| | FIRE HYDRANT ASSEMBLY | | |
| | TAPPING SLEEVE & VALVE | | |
| | DOUBLE WATER METER | | |
| | SINGLE WATER METER | | |
| | GATE VALVE | | |
| | EXISTING VALVE | | |
| | EXISTING FIRE HYDRANT ASSEMBLY | | |
| | BACTERIOLOGICAL SAMPLING POINT | | |
- | | |
|--------------|--------------------|
| INV TOP PIPE | TOP OF BOTTOM PIPE |
| D=DRAINAGE | W=WATER |
| S=SEWER | FM=FORCE MAIN |
| CN=CONDUIT | |



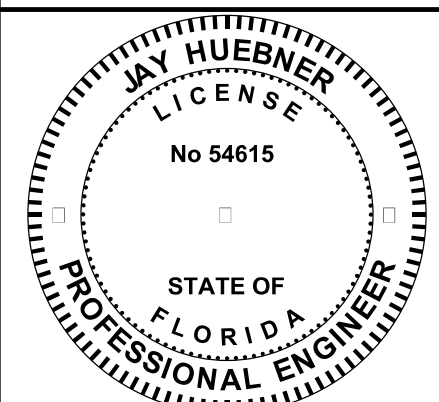
NOTE:
ANY TREES OR SHRUBS PLACED WITHIN WATER,SEWER OR DRAINAGE
EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARDS
DETAILS, LD1.1 & LD1.2. THESE DETAILS ARE SHOWN ON THE LANDSCAPE PLANS.



AURA DELRAY BEACH

WATER AND SEWER PLANS

DATE:	05/20
DESIGNED BY:	JH
DRAWN BY:	SG
CHECKED BY:	JH



PROJECT:	1906-43
SHEET:	WS-1

