

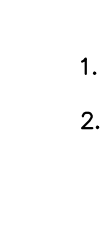
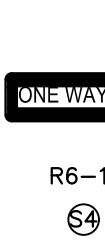
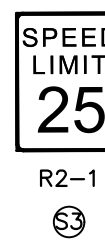
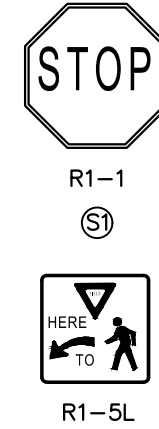
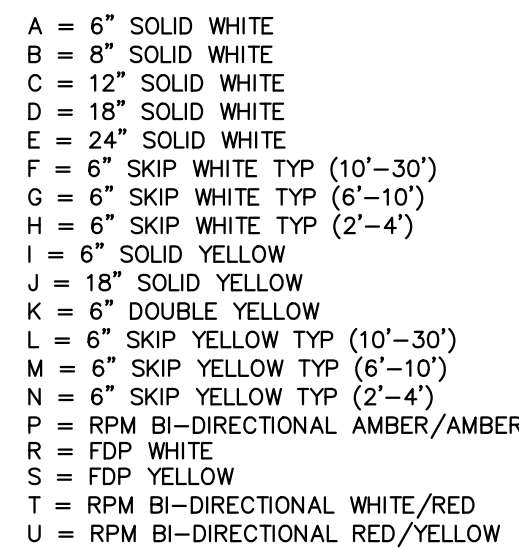
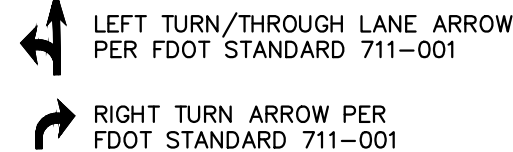
1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
DELRAY BEACH
FLORIDA

MASTER SIGNAGE
AND STRIPING PLAN

KHA PROJECT
140248002
DATE
NOV. 2020
SCALE AS SHOWN
DESIGNED BY JVP
DRAWN BY B/J
CHECKED BY MDS
DATE: _____
LICENSED PROFESSIONAL
MICHAEL D. SPRUCE, P.E.
FLORIDA LICENSE NUMBER
52776

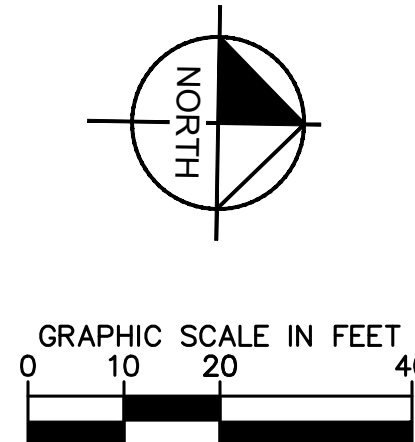
Kimley»Horn
© 2020 KIMLEY-HORN AND ASSOCIATES, INC.
1615 S CONGRESS AVE., SUITE 201, DELRAY BEACH, FL 33445
PHONE: 561-330-2345 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 00000696

No.	REVISIONS	DATE	BY



1. ALL RADII 3" OR LESS OTHERWISE NOTED.
2. TYPE "D" CURB AND TYPE "F" CURB AND GUTTER SHALL BE CONSTRUCTED PER FDOT SECTION 522-001. ALL TYPE "D" CURB SHALL HAVE A 3" STRAIGHT TRANSITION AT THE BEGINNING AND ENDING POINTS WHEN NOT CONNECTING TO TYPE "F" CURB AND GUTTER.
3. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB FOR TYPE "D" CURB AND VALLEY GUTTER OR EDGE OF PAVEMENT FOR NO CURB, UNLESS OTHERWISE NOTED.
4. ALL CURB RAMPS AND SIDEWALKS ENTERING PARKING OR TRAVEL WAYS SHALL HAVE DETECTABLE WARNING SURFACES 2' DEEP AND THE WIDTH OF THE SIDEWALK. CURB SHALL HAVE DETECTABLE WARNING AS AN CROSSWALK WILL BE COMPLIANT WITH FDOT STANDARD PLANS AND SECTION 522-002 AND 711-001 LATEST EDITION.
5. ALL STOP BARS AND CROSSWALKS SHALL BE THERMOPLASTIC. ALL OTHER PAVEMENT MARKINGS ARE PAINT, UNLESS OTHERWISE NOTED.

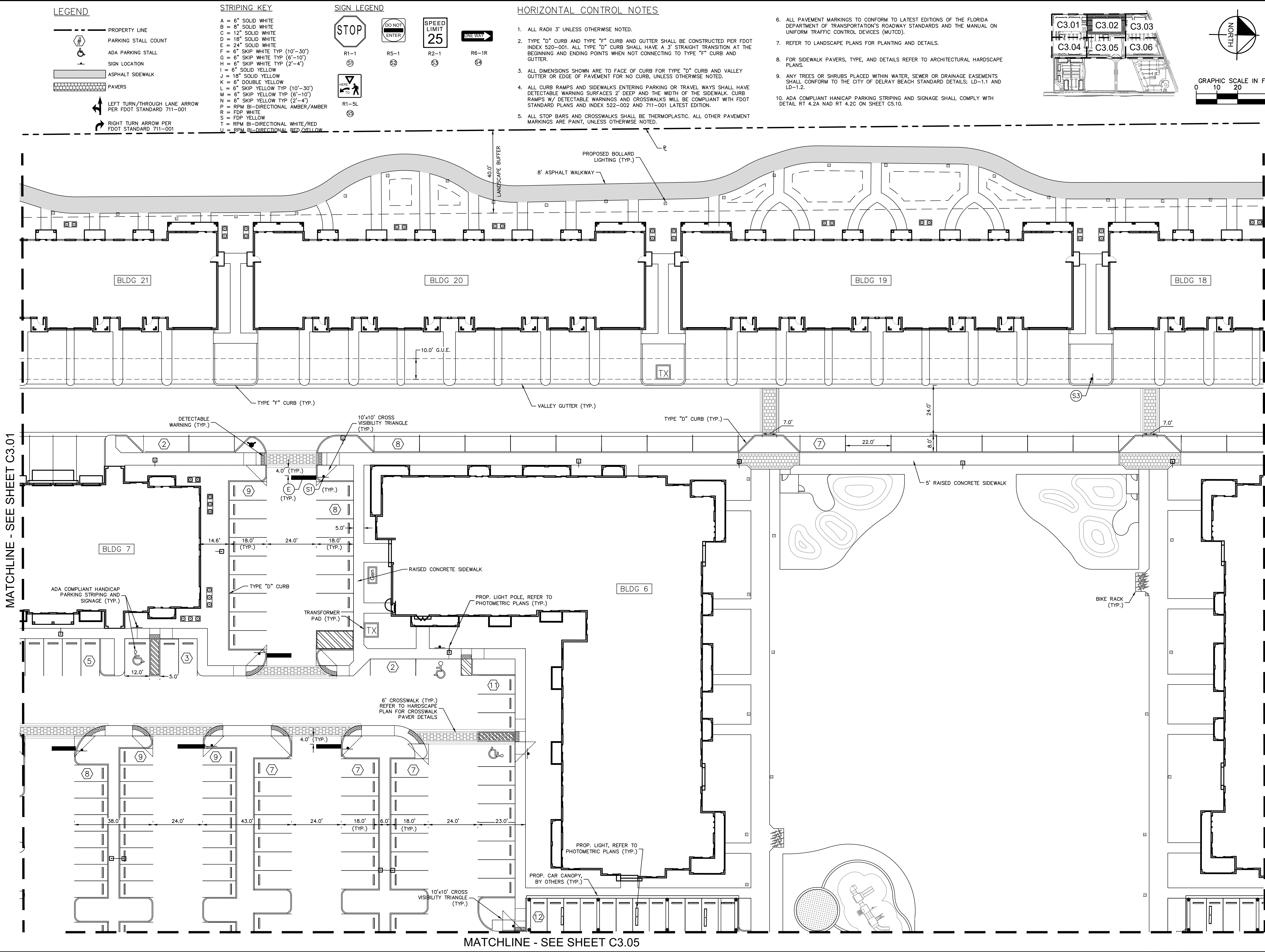
6. ALL PAVEMENT MARKINGS TO CONFORM TO LATEST EDITIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S ROADWAY STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
7. REFER TO LANDSCAPE PLANS FOR PLANTING AND DETAILS.
8. FOR SIDEWALK PAVERS, TYPE, AND DETAILS REFER TO ARCHITECTURAL HARDSCAPE PLANS.
9. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.
10. ADA COMPLIANT HANICAP PARKING STRIPING AND SIGNAGE SHALL COMPLY WITH DETAIL RT 4.2A NAD RT 4.2C ON SHEET C5.10.



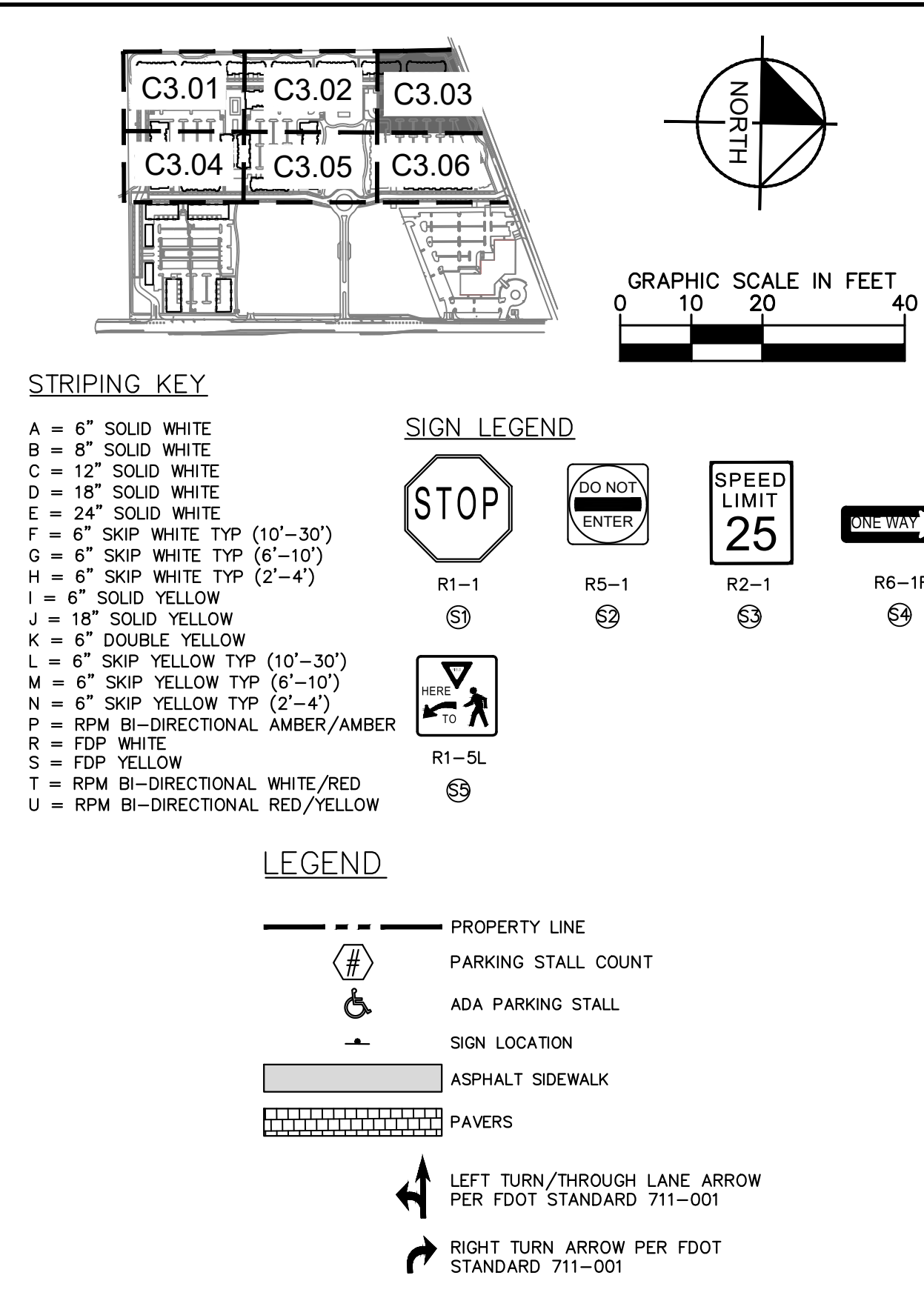
MATCHLINE - SEE SHEET C3.04

SHEET NUMBER
C3.01

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SHEET NUMBER C3.02		DESIGNED BY JVP		CHECKED BY MDS		DATE NOV 2020	
PROJECT 140248002		DATE NOV 2020		SCALE AS SHOWN		DRAWN BY B/J	
KHA PROJECT 140248002		DATE NOV 2020		SCALE AS SHOWN		DRAWN BY B/J	
LICENCED PROFESSIONAL		MICHAEL D. SPRUCE, P.E.		FLORIDA LICENSE NUMBER 52776		DATE ---	
NO.		REVISIONS		DATE		BY	



- | | |
|--------------------------|---------------------------------|
| KHA PROJECT
140248002 | LICENSED PROFESSIONAL |
| DATE
NOV 2020 | <u>MICHAEL D. SPRUCE, P.E.</u> |
| SCALE AS SHOWN | FLORIDA LICENSE NUMBER
52776 |
| DESIGNED BY JVP | |
| DRAWN BY BJG | |
| CHECKED BY MDS | DATE: |

1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
DELRAY BEACH
FLORIDA

Plotted By: Shelef, Arie Sheet: 1690 - 2350 S. Congress Avenue Layout: C3.06 SIGNAGE AND STRIPING PLAN November 03, 2020 11:16:18am K:\bld_e\140248002 - centrepointe\CADD\plansheets\C3.01 SIGNAGE AND STRIPING PLAN.dwg
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MATCHLINE - SEE SHEET C3.05

MATCHLINE - SEE SHEET C3.03

LEGEND

- PROPERTY LINE
- PARKING STALL COUNT
- ADA PARKING STALL
- SIGN LOCATION
- ASPHALT SIDEWALK
- PAVERS
- LEFT TURN/THROUGH LANE ARROW PER FDOT STANDARD 711-001
- RIGHT TURN ARROW PER FDOT STANDARD 711-001

STRIPING KEY

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP (10'-30')
- G = 6" SKIP WHITE TYP (6'-10')
- H = 6" SKIP WHITE TYP (2'-4')
- I = 6" SOLID YELLOW
- J = 18" SOLID YELLOW
- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP (10'-30')
- M = 6" SKIP YELLOW TYP (6'-10')
- N = 6" SKIP YELLOW TYP (2'-4')
- P = RPM BI-DIRECTIONAL AMBER/AMBER
- R = FDP WHITE
- S = FDP YELLOW
- T = RPM BI-DIRECTIONAL WHITE/RED
- U = RPM BI-DIRECTIONAL RED/YELLOW

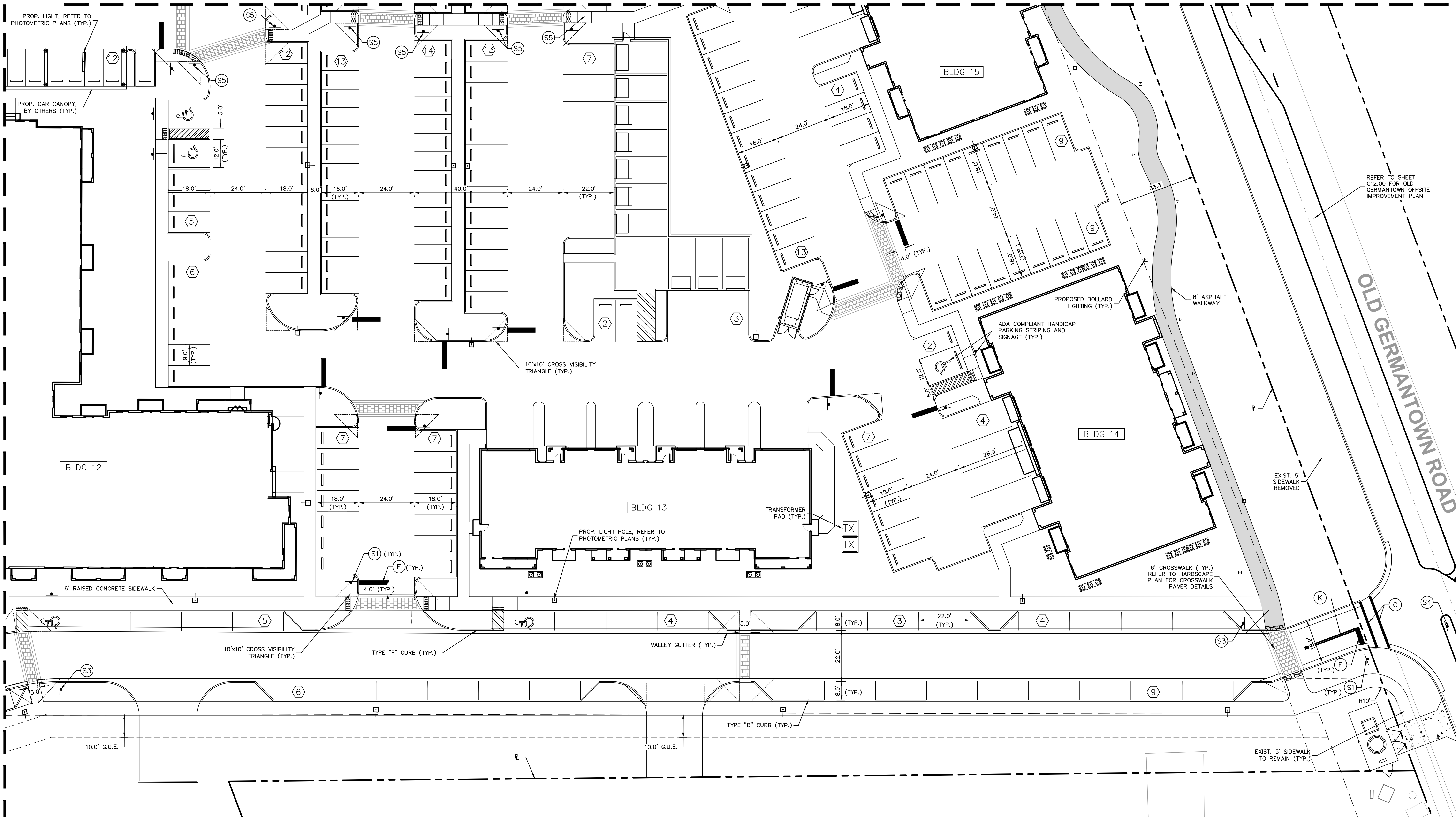
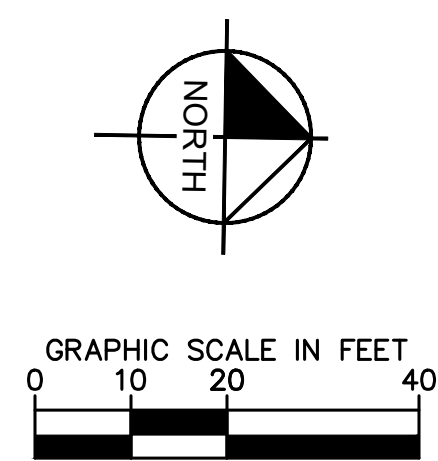
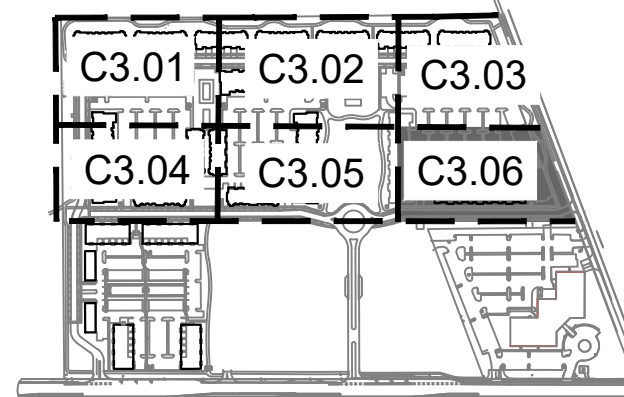
SIGN LEGEND

- STOP R1-1
- DO NOT ENTER R5-1
- SPEED LIMIT 25 R2-1
- ONEWAY R6-1R
- HERO R1-5L

HORIZONTAL CONTROL NOTES

- ALL RADII 3" UNLESS OTHERWISE NOTED.
- TYPE "D" CURB AND TYPE "F" CURB AND GUTTER SHALL BE CONSTRUCTED PER FDOT INDEX 520-001. ALL TYPE "D" CURB SHALL HAVE A 3' STRAIGHT TRANSITION AT THE BEGINNING AND ENDING POINTS WHEN NOT CONNECTING TO TYPE "F" CURB AND GUTTER.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB FOR TYPE "D" CURB AND VALLEY GUTTER OR EDGE OF PAVEMENT FOR NO CURB, UNLESS OTHERWISE NOTED.
- ALL CURB RAMPS AND SIDEWALKS ENTERING PARKING OR TRAVEL WAYS SHALL HAVE DETECTABLE WARNING SURFACES 2' DEEP AND THE WIDTH OF THE SIDEWALK. CURB RAMPS W/ DETECTABLE WARNINGS AND CROSSWALKS WILL BE COMPLIANT WITH FDOT STANDARD PLANS AND INDEX 522-002 AND 711-001 LATEST EDITION.
- ALL STOP BARS AND CROSSWALKS SHALL BE THERMOPLASTIC. ALL OTHER PAVEMENT MARKINGS ARE PAINT, UNLESS OTHERWISE NOTED.

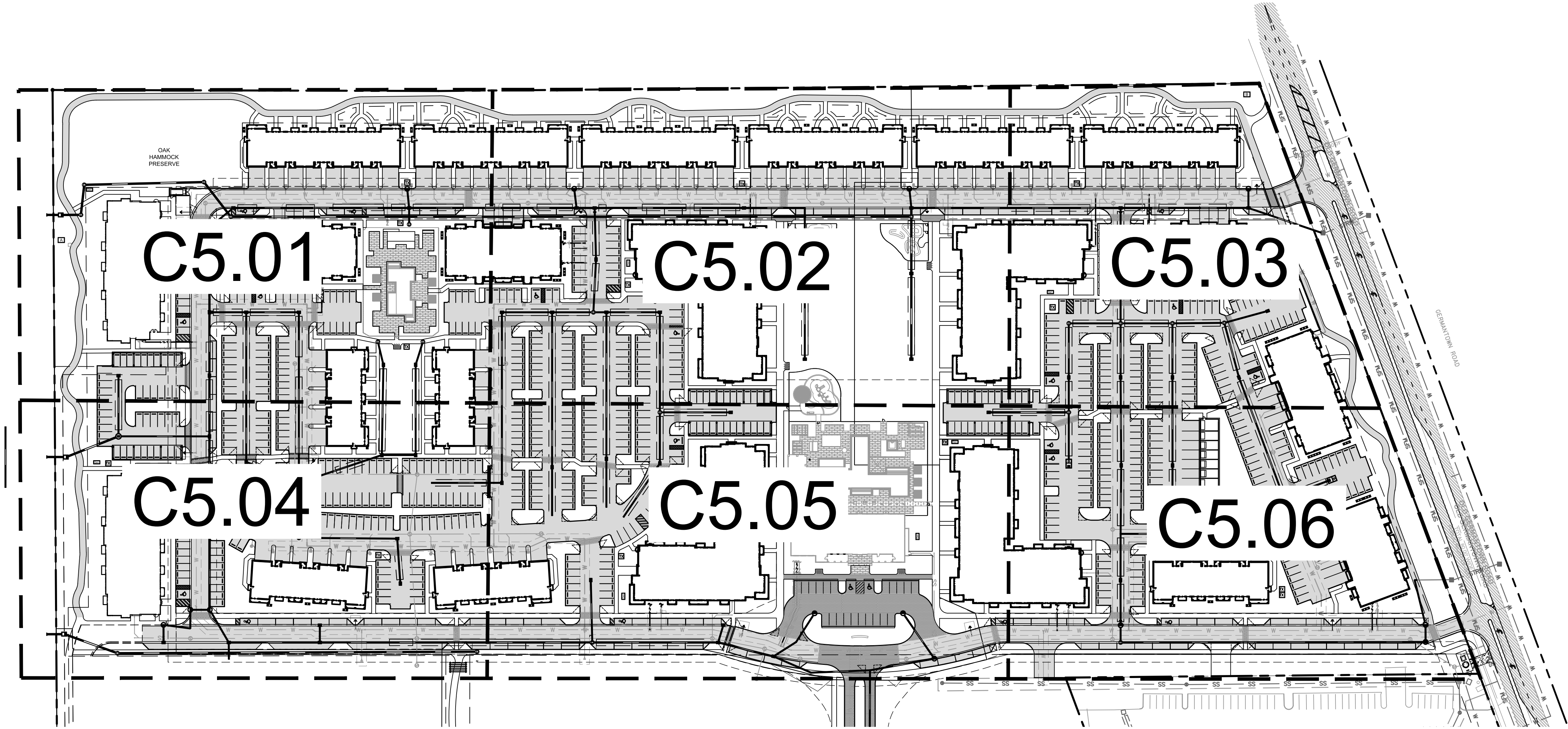
- ALL PAVEMENT MARKINGS TO CONFORM TO LATEST EDITIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S ROADWAY STANDARDS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- REFER TO LANDSCAPE PLANS FOR PLANTING AND DETAILS.
- FOR SIDEWALK PAVERS, TYPE, AND DETAILS REFER TO ARCHITECTURAL HARDSCAPE PLANS.
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.
- ADA COMPLIANT HANICAP PARKING STRIPING AND SIGNAGE SHALL COMPLY WITH DETAIL RT 4.2A NAD RT 4.2C ON SHEET C3.10.



1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA		SIGNAGE AND STRIPING PLAN		KHA PROJECT 140248002 DATE NOV. 2020 SCALE AS SHOWN DESIGNED BY JVP DRAWN BY B/J CHECKED BY MDS		LICENCED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776 DATE: _____		Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS No. DATE BY	
SHEET NUMBER C3.06											

Plotted By: Vildison, Teresa Sheet Set: 1690 - 2350 S. Congress Avenue Layout: C5.00 MASTER PAVING, GRADING AND DRAINAGE PLAN November 03, 2020 12:59:35pm K:\BCD_Civil\140248002 - CentrePointe\CADD\PlanSheets\C5.00 MASTER PAVING, GRADING AND DRAINAGE PLAN.dwg

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1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA	MASTER PAVING, GRADING AND DRAINAGE PLAN		KHA PROJECT 140248002		LICENSED PROFESSIONAL	Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696	No.	REVISIONS	BY
	DATE NOV 2020		DATE NOV 2020		MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776				
SHEET NUMBER C5.00		SCALE AS SHOWN		DESIGNED BY JRF	DRAWN BY JRF	CHECKED BY MDS	DATE		

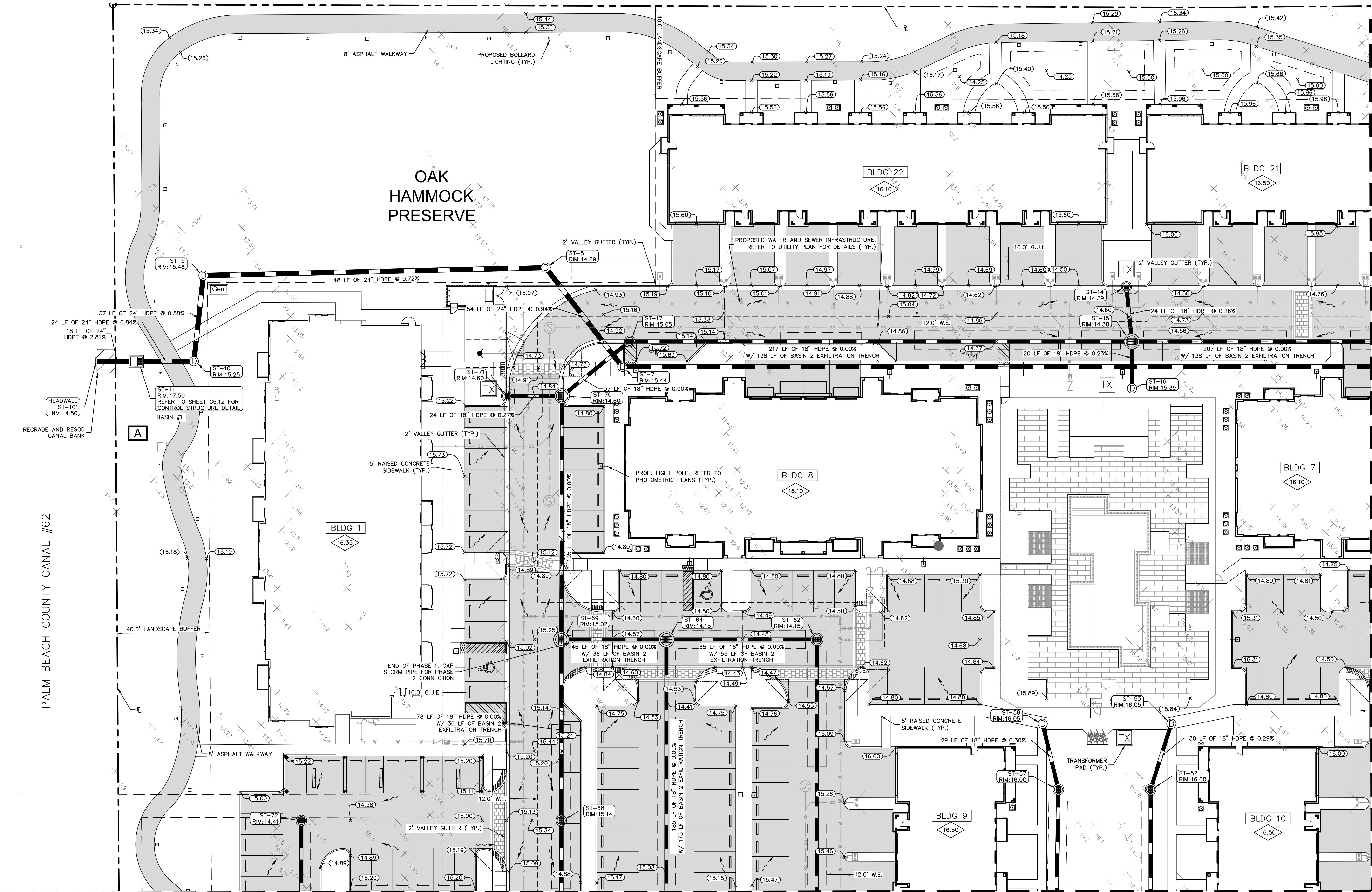
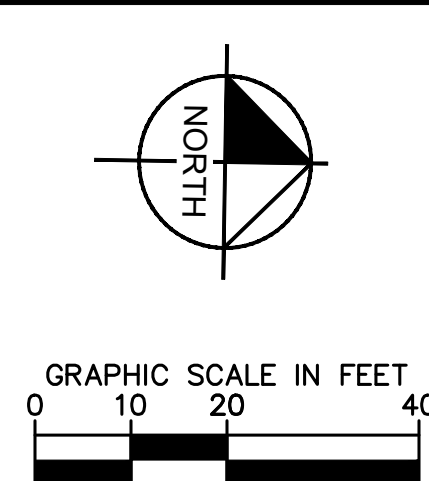
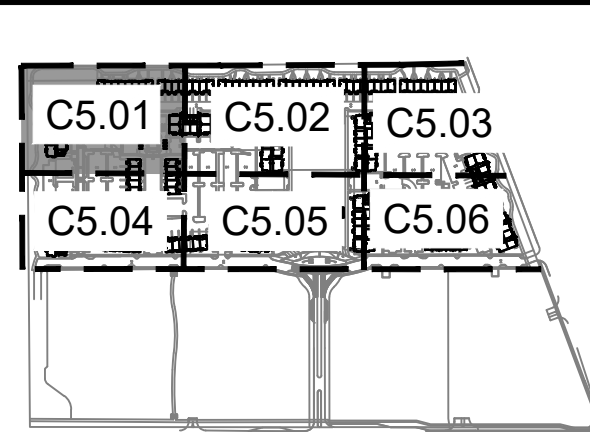
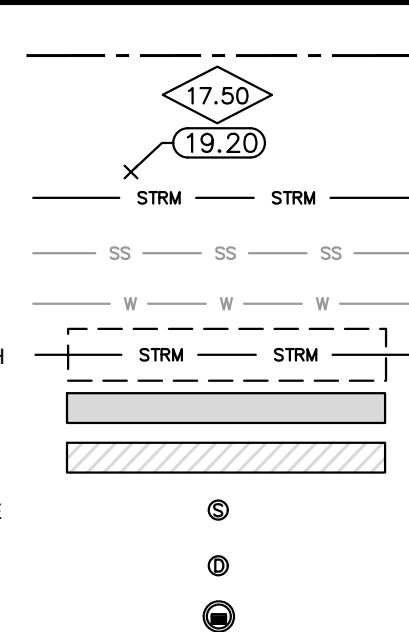
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ENGINEERING NOTES:

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 12" SUMP.
3. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
4. ALL ROOF LEADERS SHALL BE PVC SDR-35 AND SHALL HAVE A MINIMUM OF 1% SLOPE, UNLESS OTHERWISE NOTED.
5. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.3%).
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
9. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
10. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.

LEGEND:

- PROPERTY LINE
FINISHED FLOOR ELEVATION
PROPOSED ELEVATION
PROPOSED STORM PIPE
PROPOSED SAN. SEWER MAIN
PROPOSED POTABLE WATERMAIN
PROPOSED EXFILTRATION TRENCH
PROPOSED ASPHALT PAVEMENT
PROPOSED MILL AND OVERLAY
PROPOSED SAN. SEWER MANHOLE
PROPOSED DRAINAGE MANHOLE
PROPOSED CURB INLET



MATCHLINE - SEE SHEET C5.02

MATCHLINE - SEE SHEET C5.04

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SHEET NUMBER C5.01		KHA PROJECT 140248002		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E.		NO.		DATE	
		DATE NOV. 2020		SCALE AS SHOWN		FLORIDA LICENSE NUMBER 52776			
		DESIGNED BY JRF		CHECKED BY MDS		DATE			
		DRAWN BY JRF							

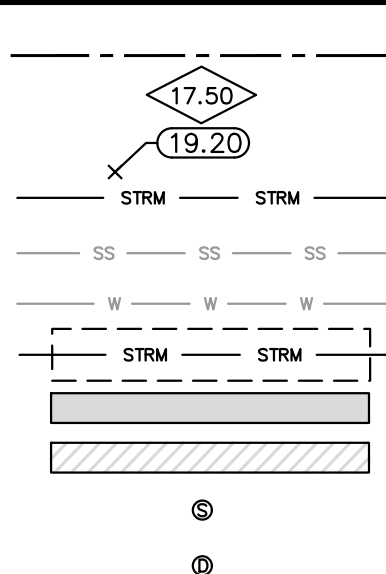
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ENGINEERING NOTES:

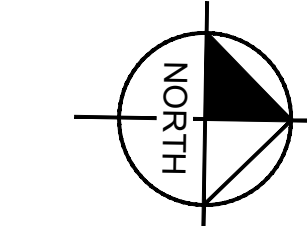
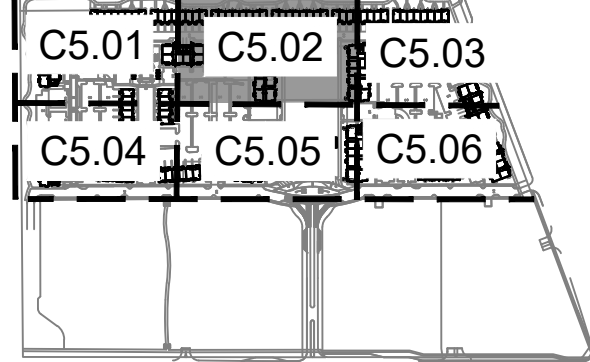
1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 12" SUMP.
3. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
4. ALL ROOF LEADERS SHALL BE PVC SDR-35 AND SHALL HAVE A MINIMUM OF 1% SLOPE, UNLESS OTHERWISE NOTED.
5. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.3%).
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9. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
10. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.

LEGEND:

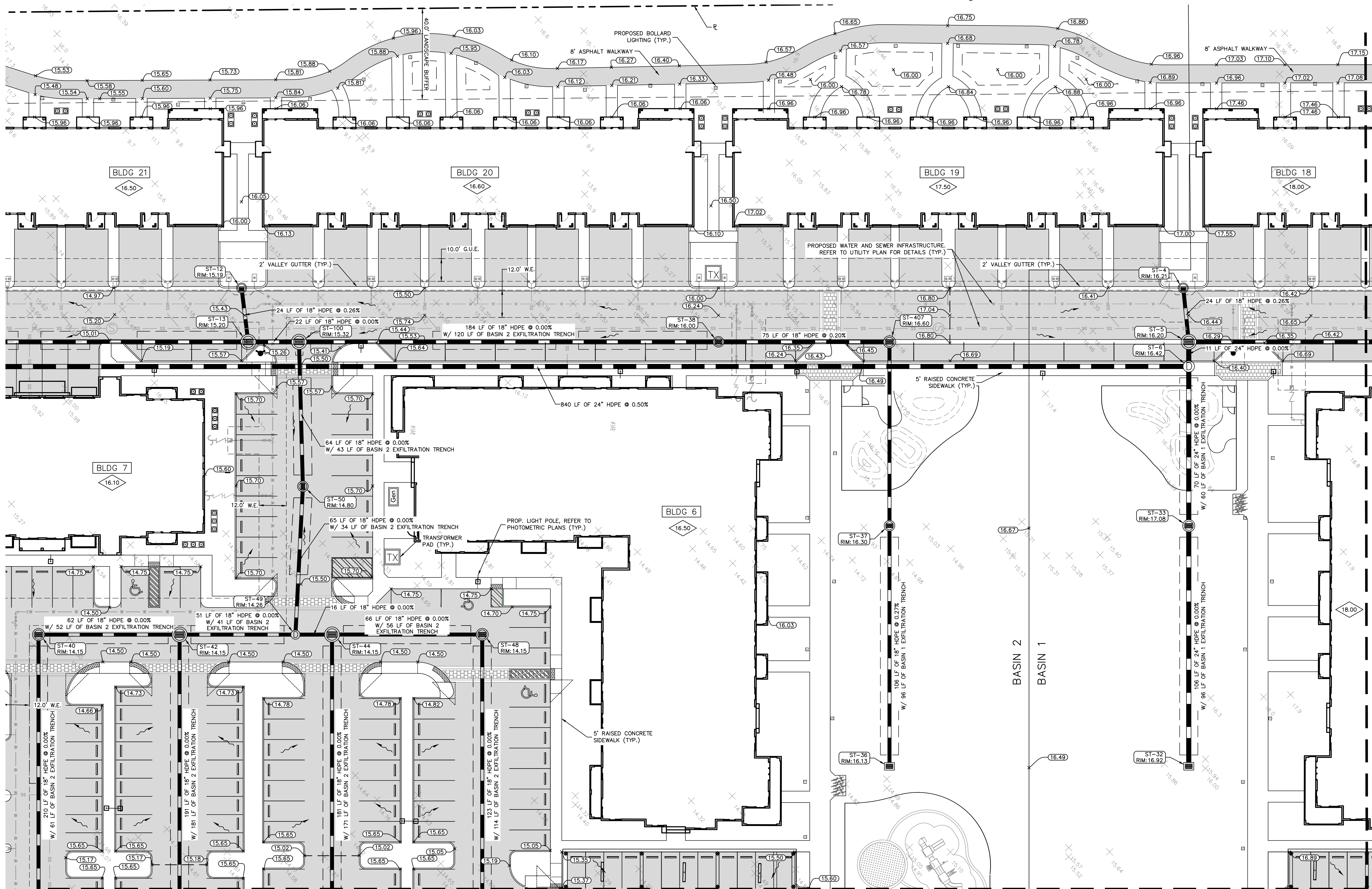
- PROPERTY LINE
FINISHED FLOOR ELEVATION
PROPOSED ELEVATION
PROPOSED STORM PIPE
PROPOSED SAN. SEWER MAIN
PROPOSED POTABLE WATERMAIN
PROPOSED EXFILTRATION TRENCH
PROPOSED ASPHALT PAVEMENT
PROPOSED MILL AND OVERLAY
PROPOSED SAN. SEWER MANHOLE
PROPOSED DRAINAGE MANHOLE



PROPOSED CURB INLET



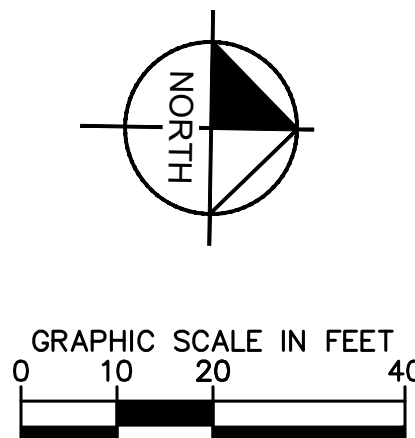
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MATCHLINE - SEE SHEET C5.03

MATCHLINE - SEE SHEET C5.05

1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA DELRAY BEACH		PAVING, GRADING AND DRAINAGE PLAN		KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696		Kimley-Horn		No.		REVISIONS		DATE		BY			
SHEET NUMBER C5.02		KHA PROJECT 140248002		DATE NOV. 2020		SCALE AS SHOWN		DESIGNED BY JRF		DRAWN BY JRF		CHECKED BY MDS		DATE		MDS	
MICHAEL D. SPRUCE, P.E.		FLORIDA LICENSE NUMBER 52776		MICHAEL D. SPRUCE, P.E.		FLORIDA LICENSE NUMBER 52776		MICHAEL D. SPRUCE, P.E.		FLORIDA LICENSE NUMBER 52776		MICHAEL D. SPRUCE, P.E.		FLORIDA LICENSE NUMBER 52776		MICHAEL D. SPRUCE, P.E.	



- LEGEND:**
- | | |
|------------------------------|--|
| PROPERTY LINE | |
| FINISHED FLOOR ELEVATION | |
| PROPOSED ELEVATION | |
| PROPOSED STORM PIPE | |
| PROPOSED SAN. SEWER MAIN | |
| PROPOSED POTABLE WATERMAIN | |
| PROPOSED EXFILTRATION TRENCH | |
| PROPOSED ASPHALT PAVEMENT | |
| PROPOSED MILL AND OVERLAY | |
| PROPOSED SAN. SEWER MANHOLE | |
| PROPOSED DRAINAGE MANHOLE | |
| PROPOSED CURB INLET | |

REFER TO SHEET
C12.00 FOR OLD
GERMANTOWN OFFSITE
IMPROVEMENT PLAN

C5.03

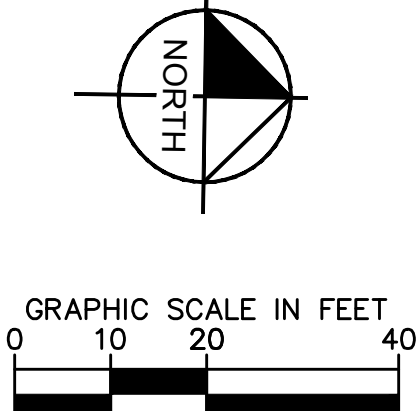
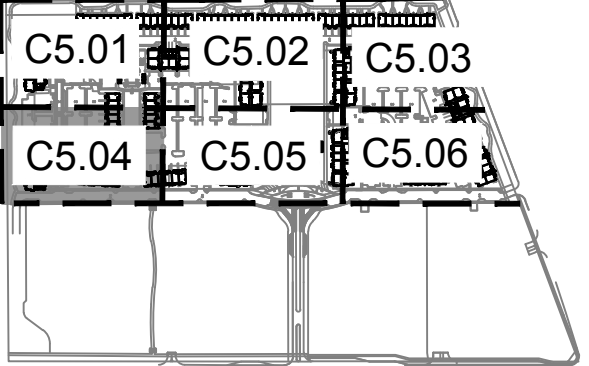
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ENGINEERING NOTES:

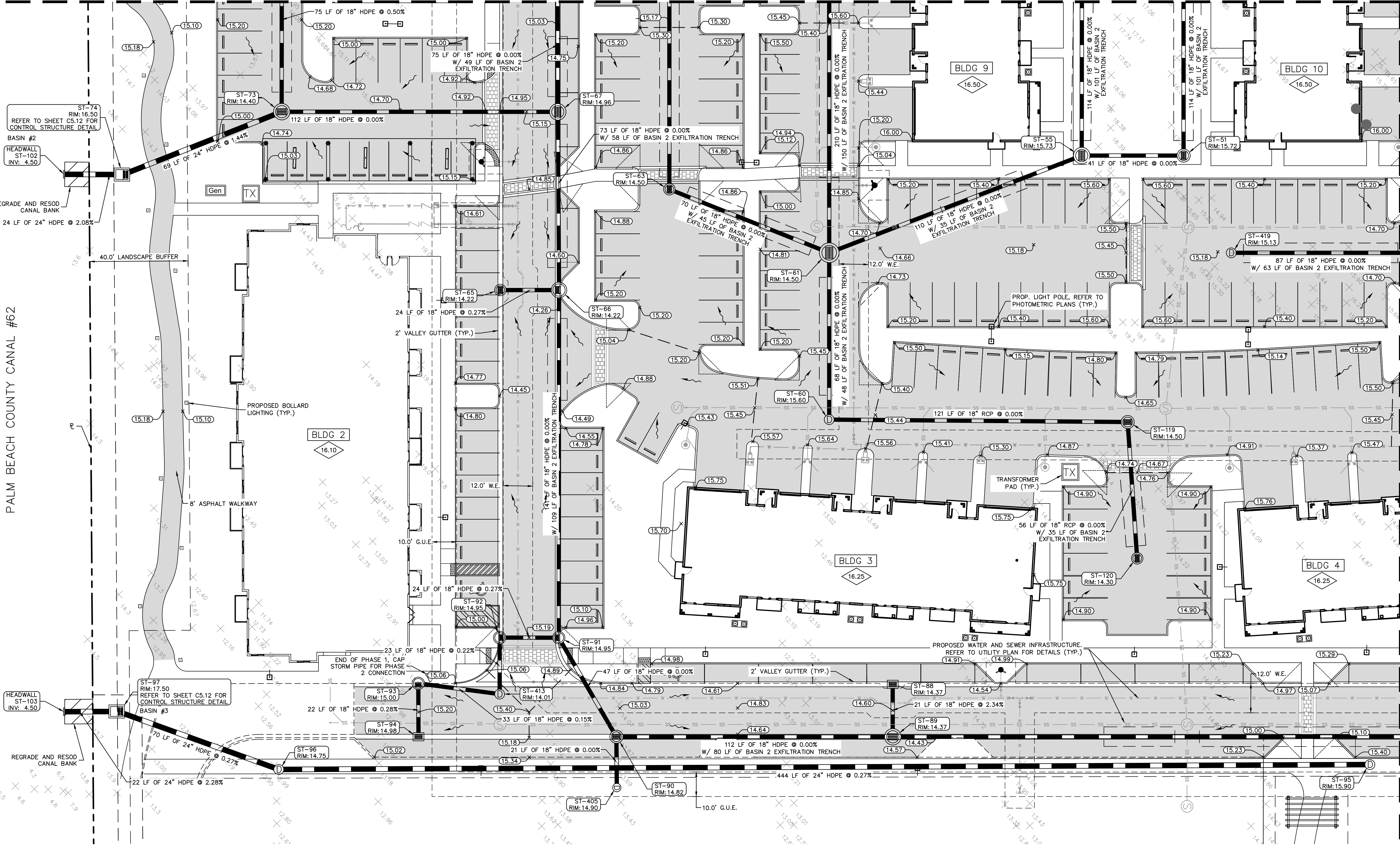
1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 12" SUMP.
3. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
4. ALL ROOF LEADERS SHALL BE PVC SDR-35 AND SHALL HAVE A MINIMUM OF 1% SLOPE, UNLESS OTHERWISE NOTED.
5. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.3%).
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
9. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
10. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.

LEGEND:

- PROPERTY LINE
- FINISHED FLOOR ELEVATION
- PROPOSED ELEVATION
- PROPOSED STORM PIPE
- PROPOSED SAN. SEWER MAIN
- PROPOSED POTABLE WATERMAIN
- PROPOSED EXFILTRATION TRENCH
- PROPOSED ASPHALT PAVEMENT
- PROPOSED MILL AND OVERLAY
- PROPOSED SAN. SEWER MANHOLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CURB INLET



MATCHLINE - SEE SHEET C5.01



MATCHLINE - SEE SHEET C5.05

1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
FLORIDA
DELRAY BEACH

SHEET NUMBER
C5.04

PAVING, GRADING
AND DRAINAGE PLAN

KHA PROJECT
140248002
DATE
NOV. 2020
SCALE AS SHOWN
DESIGNED BY JRF
DRAWN BY JRF
CHECKED BY MDS
DATE: ---

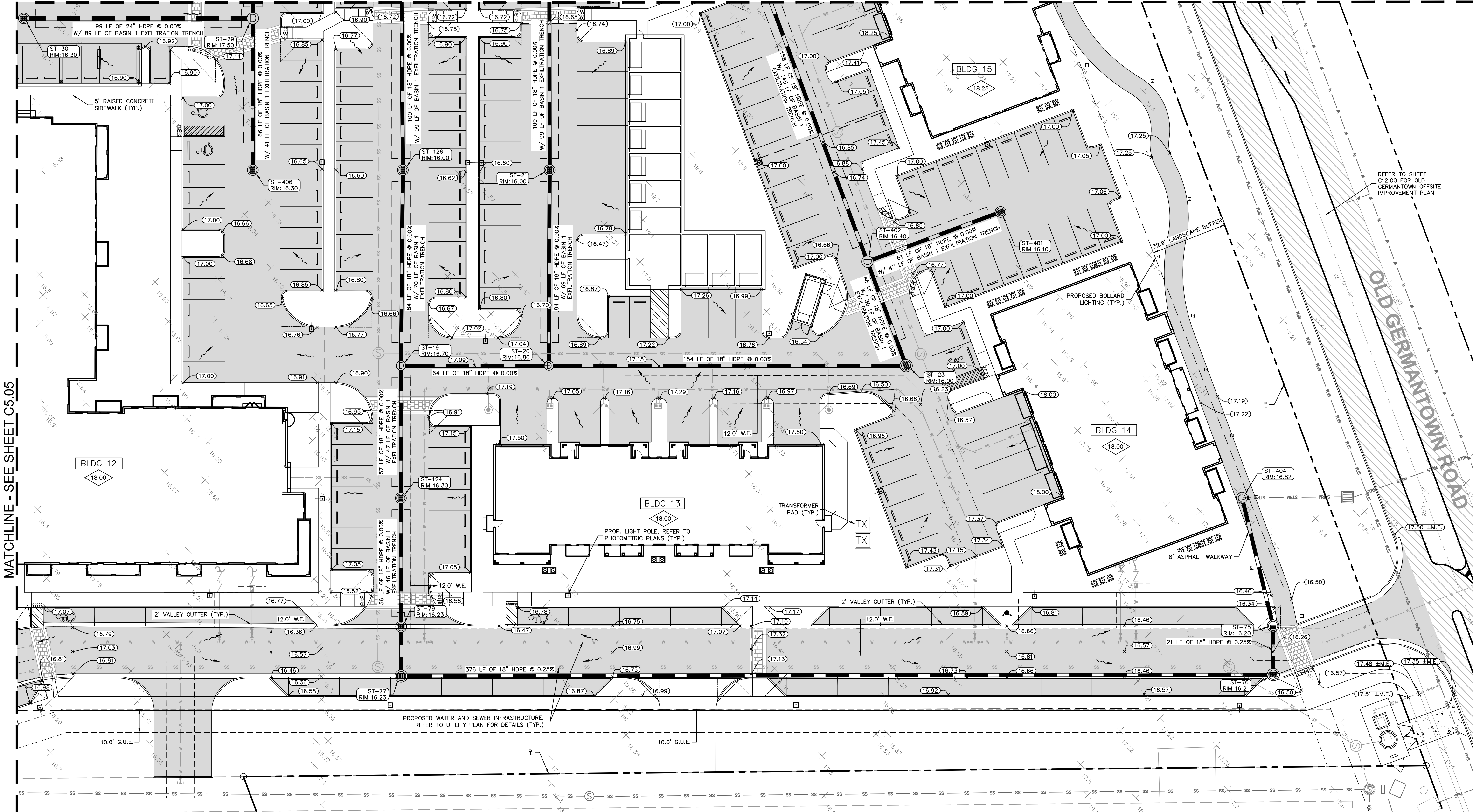
Kimley»Horn
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1615 S CONGRESS AVE., SUITE 201, DELRAY BEACH, FL 33445
PHONE: 561-330-2345 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
MICHAEL D. SPRUCE, P.E.
FLORIDA LICENSE NUMBER
52776

REVISIONS

No.	DATE	BY

Plotted By: Milliron, Terress
Sheet Set: 1690 - 2350 S. Congress Avenue
Layout: C5.06 PAVING, GRADING AND DRAINAGE PLAN
November 03, 2020 01:20:03pm
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This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



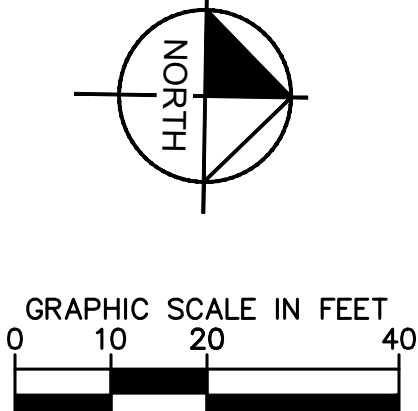
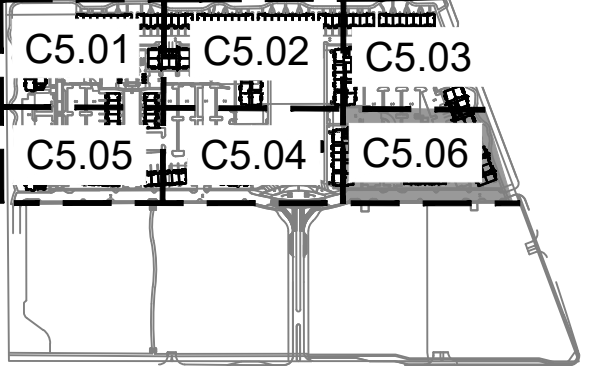
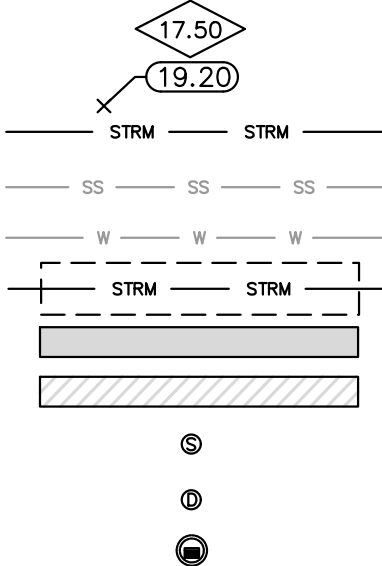
ENGINEERING NOTES:

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 12" SUMP.
3. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
4. ALL ROOF LEADERS SHALL BE PVC SDR-35 AND SHALL HAVE A MINIMUM OF 1% SLOPE, UNLESS OTHERWISE NOTED.
5. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.3%).
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
9. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
10. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS; LD-1.1 AND LD-1.2.

MATCHLINE - SEE SHEET C5.03

LEGEND:

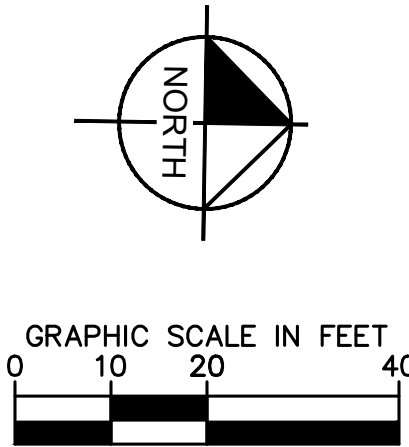
- PROPERTY LINE
- FINISHED FLOOR ELEVATION
- PROPOSED ELEVATION
- PROPOSED STORM PIPE
- PROPOSED SAN. SEWER MAIN
- PROPOSED POTABLE WATERMAIN
- PROPOSED EXFILTRATION TRENCH
- PROPOSED ASPHALT PAVEMENT
- PROPOSED MILL AND OVERLAY
- PROPOSED SAN. SEWER MANHOLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CURB INLET



MATCHLINE - SEE SHEET C5.05

1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA DELRAY BEACH		PAVING GRADING AND DRAINAGE PLAN		KIMLEY»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS No. DATE BY	
SHEET NUMBER C5.06		KHA PROJECT 140248002		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776		DATE: _____	
		DATE NOV. 2020		SCALE AS SHOWN DESIGNED BY JRF		CHECKED BY JRF	
		DRAWN BY JRF		MDS		DATE: _____	

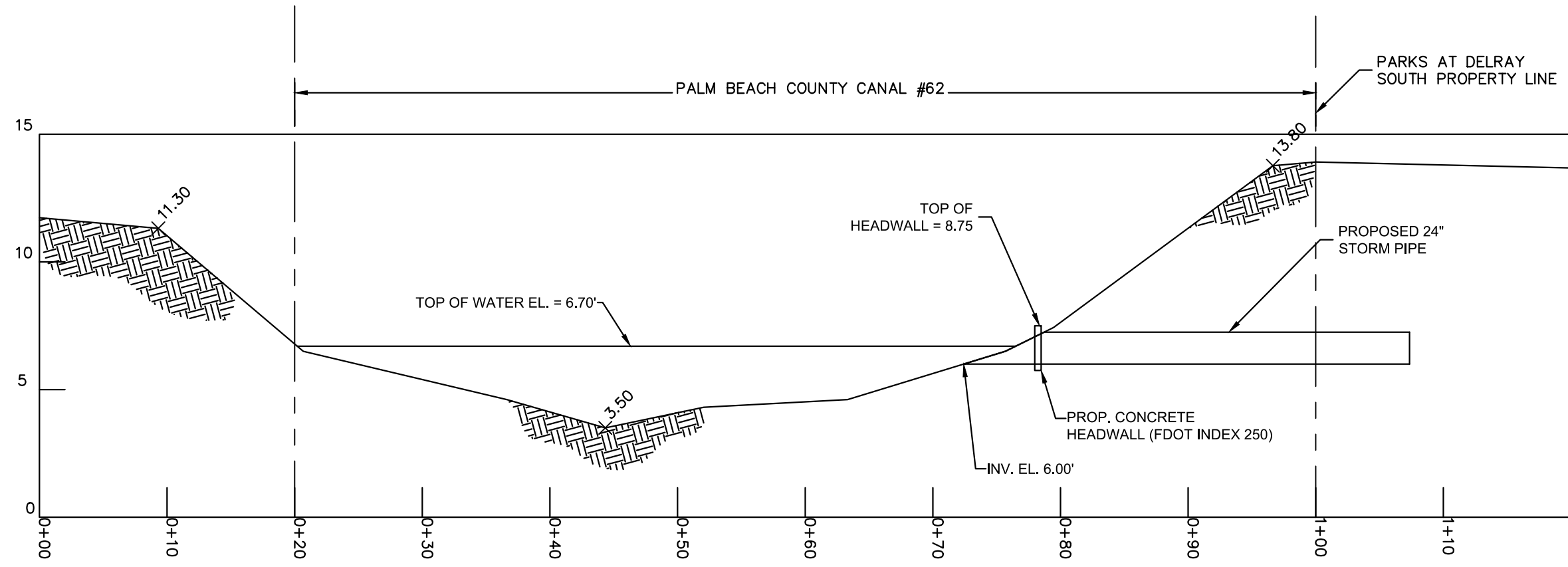
DRAINAGE STRUCTURE TABLE				DRAINAGE STRUCTURE TABLE				DRAINAGE STRUCTURE TABLE				DRAINAGE STRUCTURE TABLE			
STRUCTURE NUMBER	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION	STRUCTURE NUMBER	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION	STRUCTURE NUMBER	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION	STRUCTURE NUMBER	STRUCTURE TYPE	RIM ELEVATION	INVERT ELEVATION
ST-1	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 16.20	(18") 11.31 (E)	ST-41	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 14.50	(18") 8.50 (W) (18") 8.50 (E)	ST-80	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 15.82	(18") 9.32 (NE)	ST-406	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W)	RIM = 16.30	(18") 11.25 (W)
ST-2	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (S)	RIM = 16.21	(18") 11.25 (S) (18") 11.25 (W) (18") 11.15 (N)		ST-42	5'-0" DIA. ROUND TYPE J INLET W/ PRB (N, E, S)	RIM = 14.15	(18") 8.50 (S) (18") 8.50 (E) (18") 8.50 (N)	ST-81	4'-0" DIA. ROUND TYPE P VG INLET	RIM = 16.40		(18") 9.16 (S) (18") 9.16 (SW)	ST-407	4'-0" DIA. ROUND TYPE P VG INLET
ST-3	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (N, S, W)	RIM = 16.81	(18") 11.25 (S) (18") 11.25 (N) (18") 11.25 (E)	ST-43	3'-6" DIA. ROUND TYPE P INLET W/ PRB (E, W)	RIM = 14.50	(18") 8.50 (W) (18") 8.50 (E)	ST-85	5'-0" DIA. ROUND TYPE J VG INLET	RIM = 14.89	(18") 8.67 (NW) (18") 8.67 (S) (18") 8.67 (N)	ST-408	4'-0" DIA. MH	RIM = 19.28	(18") 8.97 (S) (18") 8.97 (N) (18") 13.78 (E)
ST-4	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 16.21	(18") 11.31 (E)	ST-44	5'-0" DIA. ROUND TYPE J INLET W/ PRB (N, E)	RIM = 14.15	(18") 8.50 (N) (18") 8.50 (S) (18") 8.50 (E)	ST-86	TYPE C VG INLET	RIM = 14.31	(18") 9.26 (E)	ST-413	4'-0" DIA. MH	RIM = 14.01	(18") 8.62 (W) (18") 8.62 (S)
ST-5	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (N)	RIM = 16.20	(24") 11.25 (E) (18") 11.25 (W) (18") 11.25 (N)	ST-45	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, SE)	RIM = 14.30	(18") 8.50 (W) (18") 8.50 (SE)	ST-87	4'-0" DIA. ROUND TYPE P VG INLET W/ PRB (S)	RIM = 14.31	(18") 8.50 (S) (18") 8.50 (N) (18") 9.20 (W)	ST-416	4'-0" DIA. MH W/ PRB (NW)	RIM = 15.09	(18") 8.50 (NW)
ST-6	5'-0" DIA. MH W/ PRB (E) INVERTED BAFFLE WEIR @ EL. 15.85' (S)	RIM = 16.42	(24") 11.25 (W) (24") -4.08 (S) (24") 11.25 (E)	ST-46	3'-6" DIA. ROUND TYPE P INLET W/ PRB (S)	RIM = 14.30	(18") 8.50 (S)	ST-88	TYPE C VG INLET	RIM = 14.37	(18") 8.50 (E)	ST-417	4'-0" DIA. MH W/ PRB (W)	RIM = 15.06	(18") 8.50 (W)
ST-7	4'-0" DIA. MH	RIM = 15.44	(24") 8.00 (SW) (24") -8.28 (N)	ST-47	5'-0" DIA. MH W/ PRB (W, N, E)	RIM = 15.03	(18") 8.50 (W) (18") 8.50 (N) (18") 8.50 (E)	ST-89	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (N, S)	RIM = 14.37	(18") 8.00 (W) (18") 8.50 (S) (18") 8.50 (N)	ST-418	4'-0" DIA. MH W/ PRB (W)	RIM = 15.10	(18") 8.50 (W)
ST-8	4'-0" DIA. MH	RIM = 14.89	(24") 7.49 (S) (24") 7.49 (NE)	ST-48	4'-0" DIA. ROUND TYPE P INLET W/ PRB (E, S)	RIM = 14.15	(18") 8.50 (S) (18") 8.50 (E)	ST-90	4'-0" DIA. ROUND TYPE P VG INLET W/ PRB (N)	RIM = 14.82	(18") 8.50 (N) (18") 8.50 (SW) (18") 7.00 (E)	ST-419	4'-0" DIA. MH W/ PRB (N)	RIM = 15.13	(18") 8.50 (N)
ST-9	4'-0" DIA. MH	RIM = 15.48	(24") 6.42 (N) (24") 6.42 (E)	ST-49	4'-0" DIA. MH W/ PRB (W, S)	RIM = 14.26	(18") 8.50 (S) (18") 8.50 (N) (18") 8.50 (W)	ST-91	4'-0" DIA. ROUND TYPE P CURB INLET W/ PRB (W)	RIM = 14.95	(18") 8.50 (W) (18") 8.50 (S) (18") 8.50 (NE)				
ST-10	4'-0" DIA. MH	RIM = 15.25	(24") 6.20 (W) (24") 6.20 (S)	ST-50	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 14.80	(18") 8.50 (E) (18") 7.50 (W)	ST-92	4'-0" DIA. ROUND TYPE P CURB INLET	RIM = 14.95	(18") 8.56 (N) (18") 8.56 (E)				
ST-11	CONTROL STRUCTURE WEIR ELEV: 16.90 NAVD	RIM = 17.50	(24") 6.00 (N) (24") 6.50 (S)	ST-51	4'-0" DIA. ROUND TYPE P INLET W/ PRB (W)	RIM = 15.72	(18") 8.50 (W) (18") 8.50 (S)	ST-93	4'-0" DIA. TYPE P CURB INLET	RIM = 15.00	(18") 8.67 (E) (18") 8.67 (N)				
ST-12	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 15.19	(18") 10.12 (E)	ST-52	3'-6" DIA. ROUND TYPE P INLET W/ PRB (E)	RIM = 16.01	(18") 8.50 (NW) (18") 8.50 (E)	ST-94	TYPE C VG INLET	RIM = 14.98	(18") 8.73 (W)				
ST-13	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (S)	RIM = 15.20	(18") 10.06 (W) (18") 8.50 (S) (18") 8.50 (N)	ST-53	4'-0" DIA. MH	RIM = 16.05	(18") 8.59 (SE)	ST-95	4'-0" DIA. MH W/ PRB (S) INVERTED BAFFLE WEIR @ EL. 15.00 (S)	RIM = 15.90	(24") 10.00 (S)				
ST-14	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 14.39	(18") 10.71 (E)	ST-55	5'-0" DIA. ROUND TYPE J INLET W/ PRB (W, SE)	RIM = 15.73	(18") 8.50 (W) (18") 8.50 (N) (18") 8.50 (S)	ST-96	4'-0" DIA. MH	RIM = 14.75	(24") 8.80 (N) (24") 8.80 (S)				
ST-15	5'-0" DIA. ROUND TYPE J INLET W/ PRB (N, S)	RIM = 14.38	(18") 8.50 (N) (18") 11.66 (E) (18") 10.65 (W) (18") 8.50 (S)	ST-56	TYPE C INLET W/ PRB (SW)	RIM = 16.41	(18") 10.67 (S)	ST-97	CONTROL STRUCTURE WEIR ELEV: 16.52 NAVD	RIM = 17.50	(24") 8.62 (N) (24") 6.50 (S)				
ST-16	4'-0" DIA. MH	RIM = 15.39	(18") 11.71 (W)	ST-57	3'-6" DIA. ROUND TYPE P INLET W/ PRB (E)	RIM = 16.01	(18") 8.50 (W) (18") 8.50 (E)	ST-99	4'-0" DIA. MH	RIM = 15.54	(18") 8.75 (NW) (18") 8.75 (SE)				
ST-17	3'-6" DIA. ROUND TYPE P VG INLET W/ PRB (N)	RIM = 15.05	(18") 8.50 (N) (18") 5.80 (SE)	ST-58	4'-0" DIA. MH	RIM = 16.05	(18") 8.59 (E)	ST-100	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (N,E)	RIM = 15.32	(18") 8.50 (S) (18") 7.50 (E) (18") 8.50 (N)				
ST-19	4'-0" DIA. MH W/ PRB (W, E)	RIM = 16.70	(18") 11.25 (W) (18") 11.25 (N) (18") 11.25 (E)	ST-60	4'-0" DIA. MH W/ PRB (W)	RIM = 15.60	(18") 8.50 (W) (18") 8.50 (N)	ST-101	CONCRETE HEADWALL PER FDOT STANDARD 430-030	RIM = 8.58	(24") 6.00 (N)				
ST-20	4'-0" DIA. MH W/ PRB (W)	RIM = 16.80	(18") 11.25 (W) (18") 11.25 (N) (18") 11.25 (S)	ST-61	6'-0" DIA. ROUND TYPE J INLET W/ PRB (W,NW,E,SW)	RIM = 14.50	(18") 8.50 (W) (18") 8.50 (N) (18") 8.50 (E) (18") 8.50 (S)	ST-102	CONCRETE HEADWALL PER FDOT STANDARD 430-030	RIM = 7.08	(24") 6.00 (N)				
ST-21	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.00	(18") 11.25 (W) (18") 11.25 (E)	ST-62	4'-0" DIA. ROUND TYPE P INLET W/ PRB (E, S)	RIM = 14.15	(18") 8.50 (S) (18") 8.50 (E)	ST-103	CONCRETE HEADWALL PER FDOT STANDARD 430-030	RIM = 7.08	(24") 6.00 (N)				
ST-22	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.00	(18") 11.25 (E) (18") 11.25 (W)	ST-63	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, NE)	RIM = 14.50	(18") 8.50 (W) (18") 8.50 (N)	ST-119	4'-0" DIA. ROUND TYPE P INLET W/ PRB (E)	RIM = 14.50	(18") 8.50 (S) (18") 8.50 (E)				
ST-23	4'-0" DIA. ROUND TYPE P INLET W/ PRB (SW)	RIM = 16.00	(18") 11.25 (S) (18") 11.25 (W)	ST-64	5'-0" DIA. ROUND TYPE J INLET W/ PRB (N, E, S)	RIM = 14.15	(18") 8.50 (N) (18") 8.50 (S) (18") 8.50 (E)	ST-120	3'-0" DIA ROUND TYPE P INLET W/ PRB (W)	RIM = 14.30	(18") 8.50 (W)				
ST-24	3'-6" DIA. ROUND TYPE P INLET W/ PRB (SW, NE)	RIM = 16.00	(18") 11.25 (E) (18") 11.25 (W)	ST-65	3'-6" DIA. ROUND TYPE P VG INLET	RIM = 14.22	(18") 8.56 (N)	ST-121	4' DIA. MH W/ PRB (N, S)	RIM = 14.93	(18") 8.50 (S) (18") 8.50 (N) (18") 8.50 (W)				
ST-25	4'-0" DIA. MH W/ PRB (NE, S)	RIM = 16.69	(18") 11.25 (E) (18") 11.25 (S) (18") 11.25 (N)	ST-66	5'-0" DIA. ROUND TYPE J CURB INLET W/ PRB (W, E)	RIM = 14.22	(18") 8.50 (W) (18") 8.50 (S) (18") 8.50 (E)	ST-122	TYPE C INLET	RIM = 14.80	(18") 8.50 (E)				
ST-26	4'-0" DIA. MH W/ PRB (N, E, S)	RIM = 16.60	(18") 11.25 (N) (18") 11.25 (E) (18") 11.25 (S)	ST-67	5'-0" DIA. ROUND TYPE J VG INLET W/ PRB (W, E) INVERTED BAFFLE WEIR @ EL. 14.00' (S)	RIM = 14.96	(18") 8.50 (W) (18") 8.50 (S) (18") 8.50 (E)	ST-124	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.30	(18") 11.25 (E) (18") 11.25 (W)				
ST-27	5'-0" DIA. MH W/ PRB (W, N, E, S)	RIM = 16.60	(18") 11.25 (W) (18") 11.25 (N) (18") 11.25 (S) (18") 11.25 (E)	ST-68	3'-6" DIA. ROUND TYPE P VG INLET W/ PRB (W, E)	RIM = 15.14	(18") 8.50 (W) (18") 8.50 (E)	ST-126	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.00	(18") 11.25 (W) (18") 11.25 (E)				
ST-28	4'-0" DIA. MH W/ PRB (N, E)	RIM = 16.60	(18") 11.25 (N) (18") 11.25 (W) (18") 11.25 (E)	ST-69	5'-0" DIA. ROUND TYPE J VG INLET	RIM = 15.02	(18") 8.50 (N) (18") 8.50 (W) (18") 8.50 (E)	ST-127	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.30	(18") -3.78 (E) (18") 11.25 (W)				
ST-29	5'-0" DIA. MH W/ PRB (W, S, E)	RIM = 17.50	(18") 11.25 (W) (24") 11.25 (S) (18") 11.25 (E)	ST-70	5'-0" DIA. ROUND TYPE J CURB INLET	RIM = 14.60	(18") 5.80 (NW) (18") 8.50 (S) (18") 8.50 (E)	ST-128	3'-6" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 16.40	(18") 11.25 (W) (18") 11.25 (E)				
ST-30	3'-6" DIA. ROUND TYPE P INLET W/ PRB (N)	RIM = 16.30	(24") 11.25 (N)	ST-71	3'-6" DIA. ROUND TYPE P CURB INLET	RIM = 14.60	(18") 8.56 (N)	ST-400	TYPE C INLET	RIM = 16.10	(18") 11.25 (S)				
ST-32	TYPE C INLET W/ PRB (W)	RIM = 16.92	(24") 11.25 (W)	ST-72	3'-6" DIA. ROUND TYPE P INLET W/PRB (E)	RIM = 14.41	(18") 8.03 (E)	ST-401	3'-6" DIA. ROUND TYPE P INLET W/ PRB (S)	RIM = 16.10	(18") 11.25 (S)				
ST-33	4'-0" DIA. ROUND TYPE P INLET W/ PRB (W, E)	RIM = 17.08	(24") 11.25 (W) (24") 11.25 (E)	ST-73	5'-0" DIA. TYPE J INLET W/ PRB (E)	RIM = 14.40	(18") 8.50 (N) (18") 8.40 (W) (24") 8.50 (SE)	ST-402	5'-0" DIA. MH W/ PRB (W, N, E)	RIM = 16.40	(18") 11.25 (E) (18") 11.25 (N) (18") 11.25 (W)				
ST-36	TYPE C INLET W/ PRB (W)	RIM = 16.13	(18") 9.08 (W)	ST-74	CONTROL STRUCTURE WEIR ELEV: 15.20 NAVD	RIM = 16.50	(24") 7.50 (NW) (24") 6.50 (S)	ST-403	4'-0" DIA. MH	RIM = 14.43	(18") 8.79 (S) (18") 8.79 (N)				
ST-37	3'-6" DIA. ROUND TYPE P INLET W/ PRB (E)	RIM = 16.30	(18") 7.80 (W) (18") 8.80 (E)	ST-75	4'-0" DIA. ROUND TYPE P CURB INLET	RIM = 16.20	(18") 12.25 (E) (18") 12.25 (W)	ST-404	4'-0" DIA. MH CONNECT TO EXIST. OFFSITE STORM PIPE, CONTRACTOR TO VERIFY SIZE, INVERT OF EXIST. STORM PIPE BEFORE ORDERING STRUCTURE.	RIM = 16.82	(18") 12.40 (E) (15") 12.40 (N)				
ST-38	3'-6" DIA. ROUND TYPE P VG INLET W/ PRB (S)	RIM = 16.00	(18") 8.50 (S) (18") 7.50 (N)	ST-76	4'-0" DIA. ROUND TYPE P VG INLET	RIM = 16.21	(18") 12.20 (S) (18") 12.20 (W)	ST-405	4'-0" DIA. MH	RIM = 14.90	(18") 7.00 (W)				
ST-39	4'-0" DIA. ROUND TYPE P INLET W/ PRB (S, W)	RIM = 14.50	(18") 8.50 (W) (18") 8.50 (S)	ST-77	4'-0" DIA. ROUND TYPE P VG INLET W/ PRB (W)	RIM = 16.23	(18") 11.25 (W) (18") 11.25 (N)								
ST-40	4'-0" DIA. ROUND TYPE P INLETW/ PRB (N, E)	RIM = 14.15	(18") 8.50 (N) (18") 8.50 (E)	ST-79	3'-6" DIA. ROUND TYPE P VG INLET W/ PRB (W, N)	RIM = 16.23	(18") 11.25 (W) (18") 11.25 (E)								

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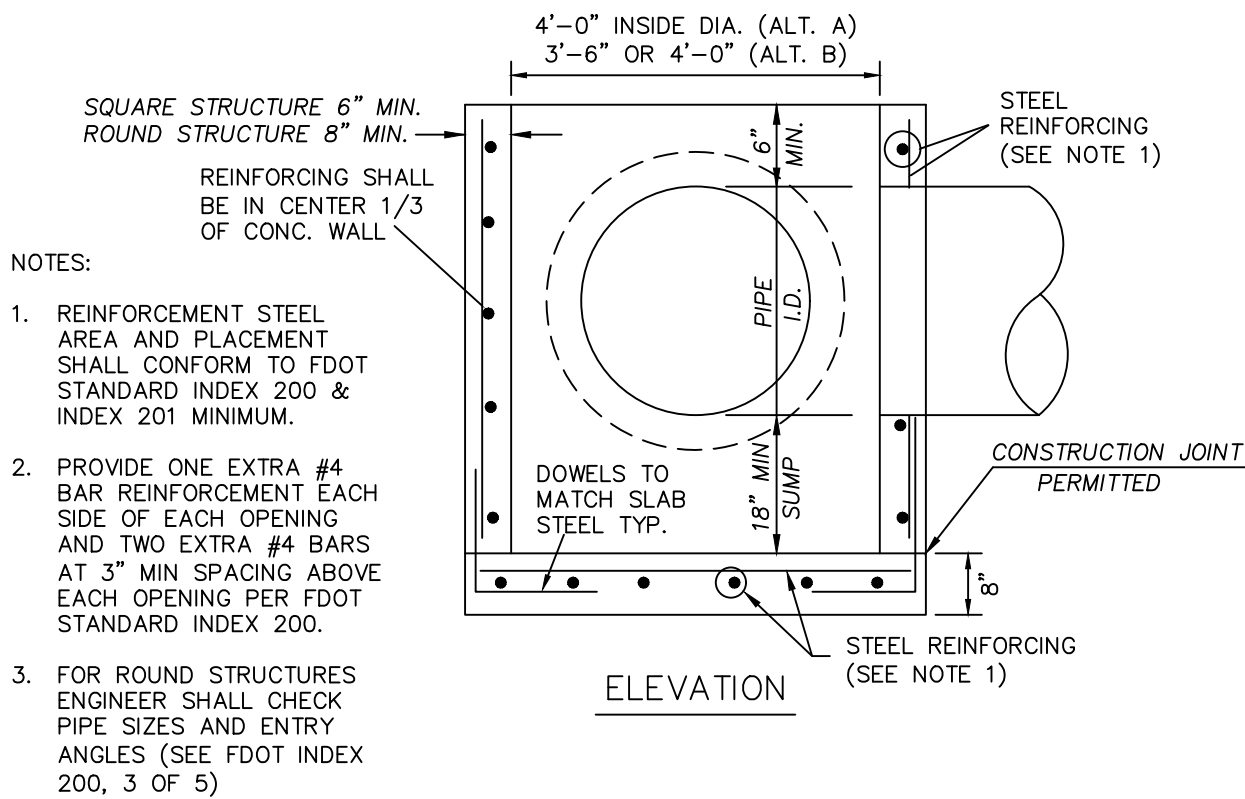
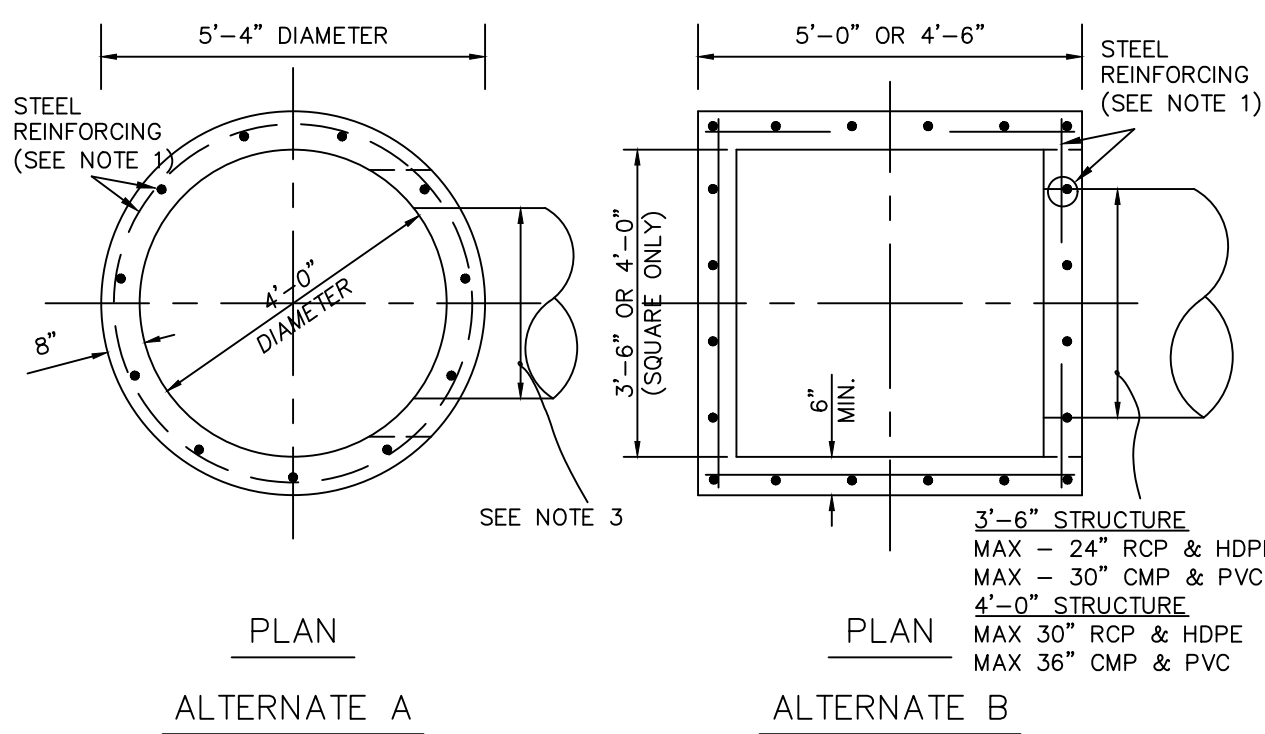
ENGINEERING NOTES:

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (USP), U.S. FOUNDRY (USF), OR FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD (FDOT) PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 12" SUMP.
3. ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP) OR HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
4. ALL ROOF LEADERS SHALL BE PVC SDR-35 AND SHALL HAVE A MINIMUM OF 1% SLOPE, UNLESS OTHERWISE NOTED.
5. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0% THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0% THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.3%).
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
9. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.

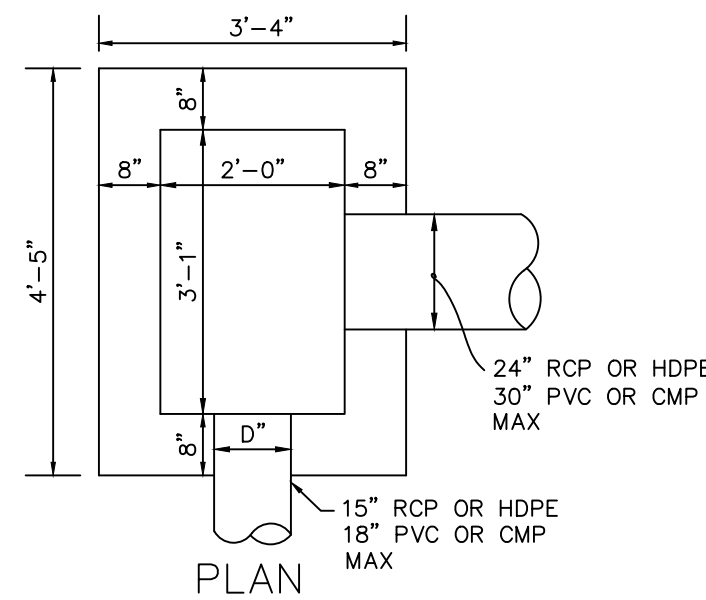
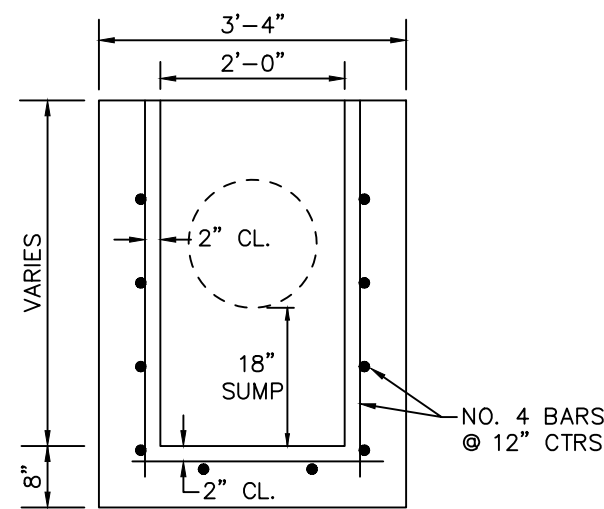
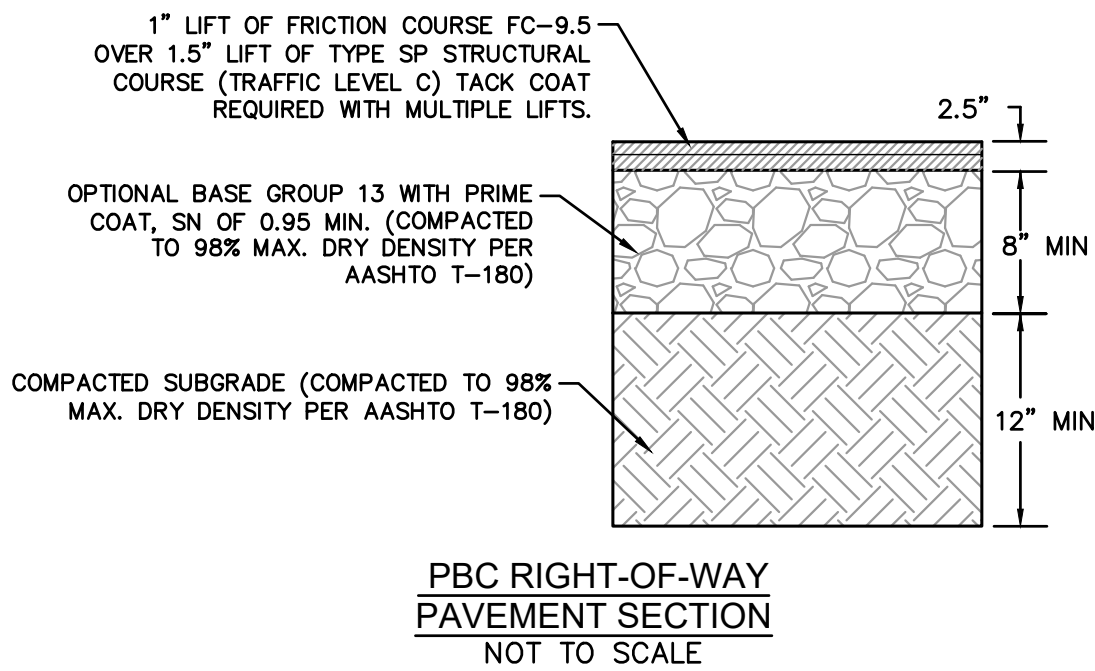
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TYPICAL PALM BEACH COUNTY CANAL #62 SECTION
1" = 5'

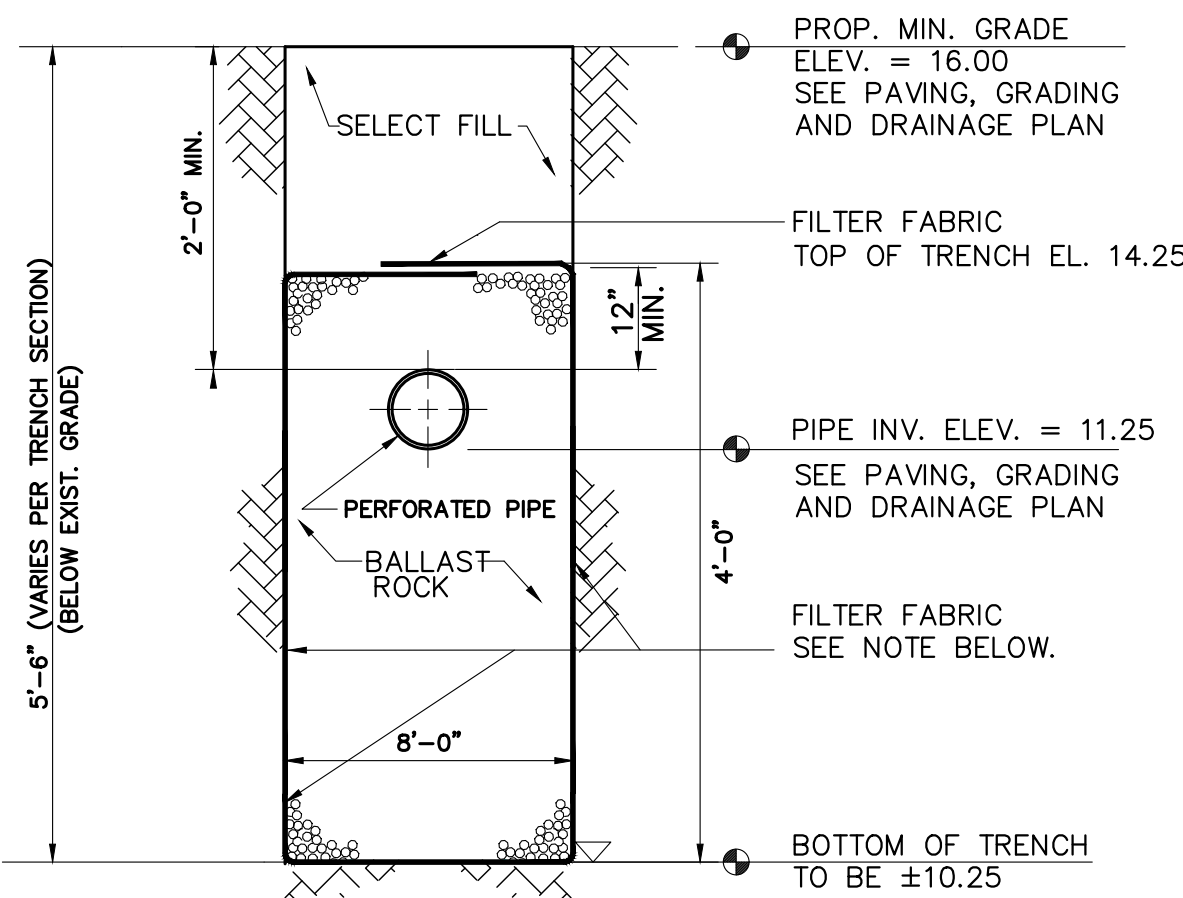


TYPICAL TYPE "P" MANHOLE & INLET
STRUCTURE BOTTOM
N.T.S.

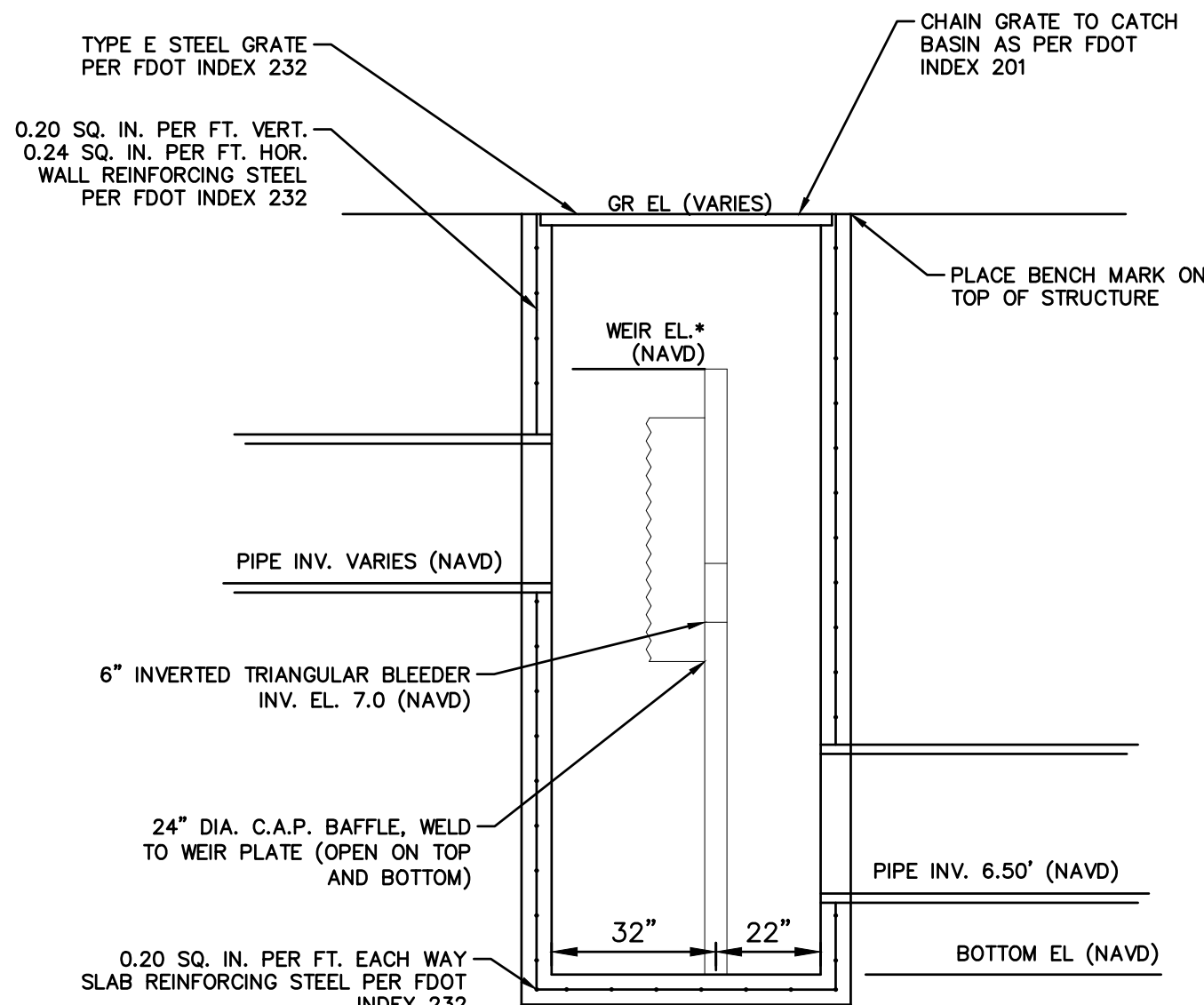


REQUIRED INLET FRAME AND GRATE
STANDARD INLET - U.S. FOUNDRY 4155-6209 OR APPROVED EQUAL
CURB INLET - U.S. FOUNDRY 5130-6168 OR APPROVED EQUAL
VALLEY GUTTER INLET - U.S. FOUNDRY 5113-6194 OR APPROVED EQUAL
(NOTE: NO BAFFLES OR WEIRS PERMITTED IN TYPE C STRUCTURES)

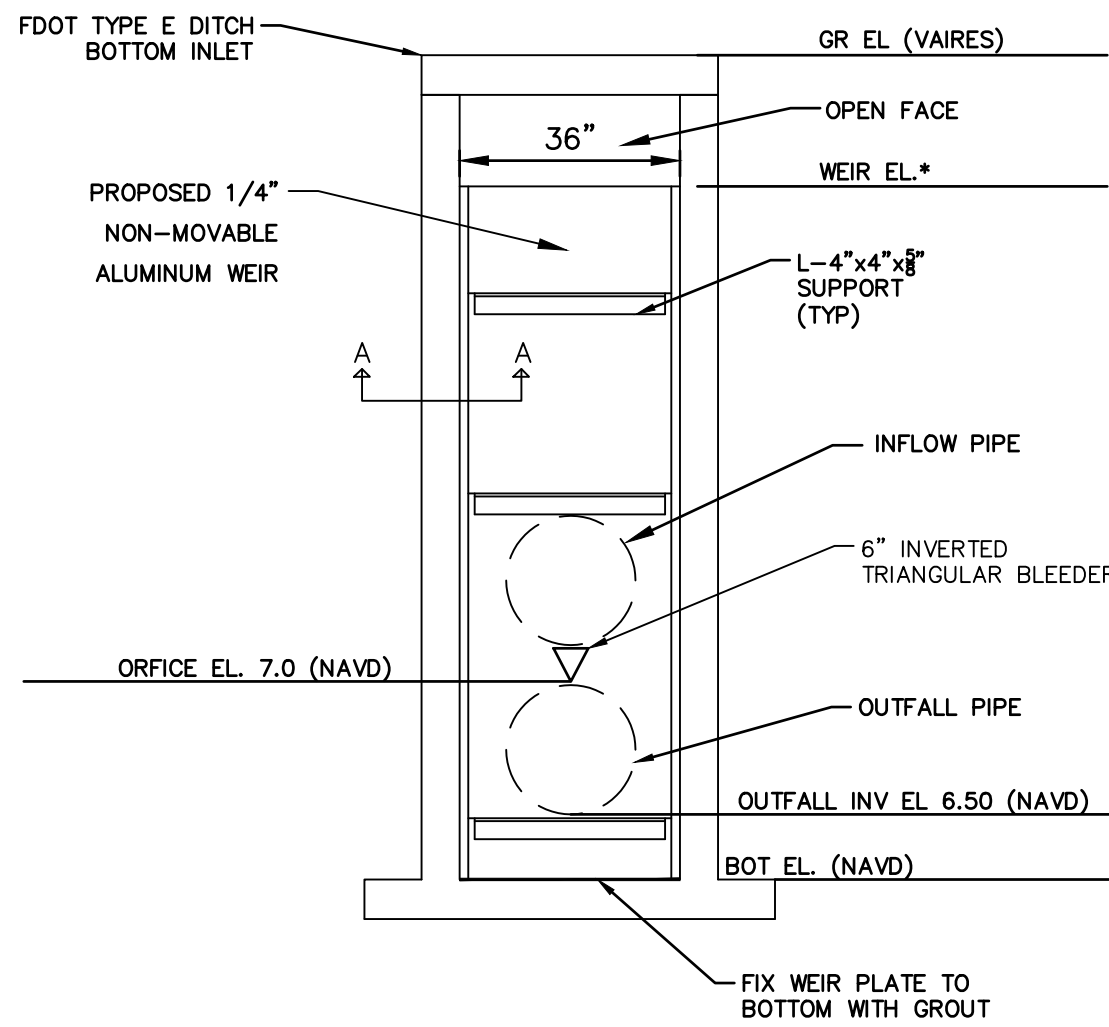
TYPE "C" DRAINAGE INLET
N.T.S.



BASIN 1 - SECTION VIEW



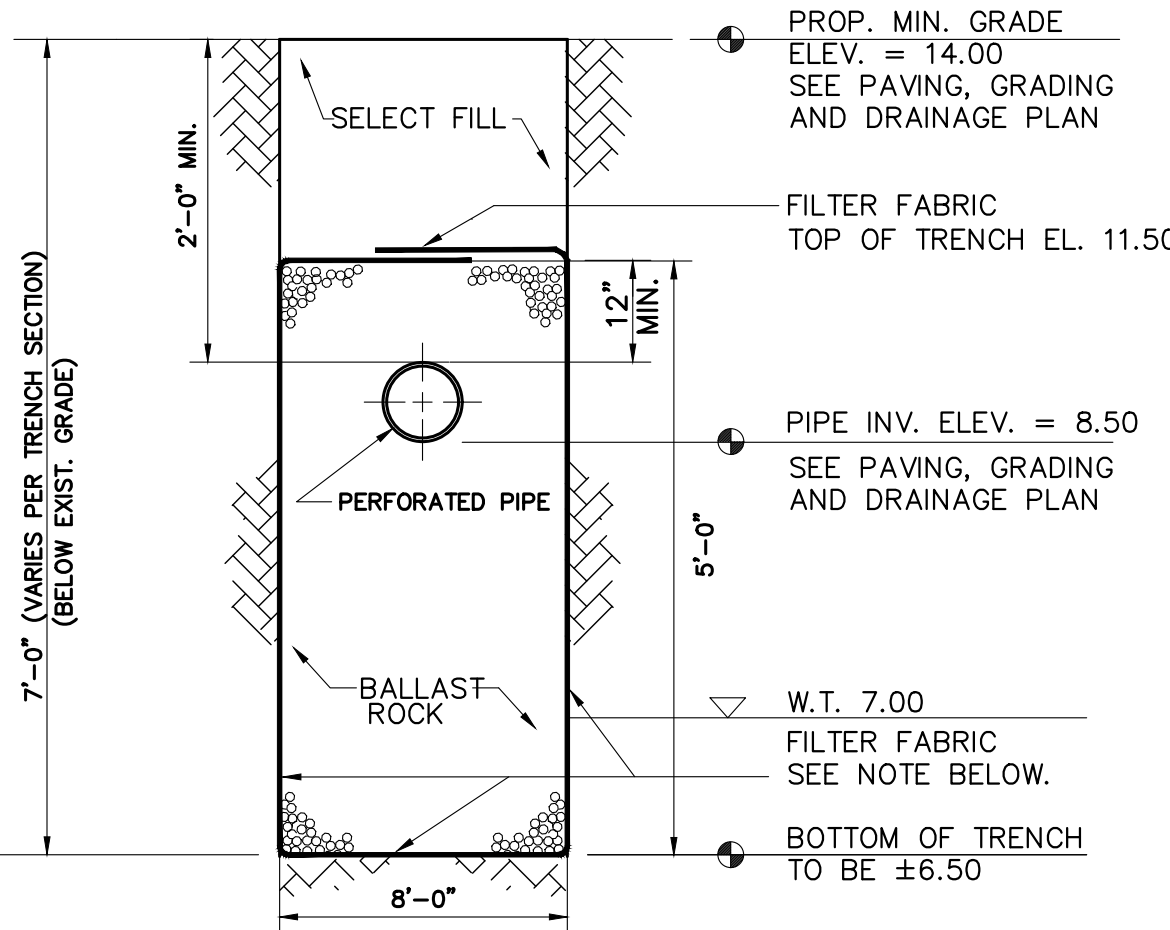
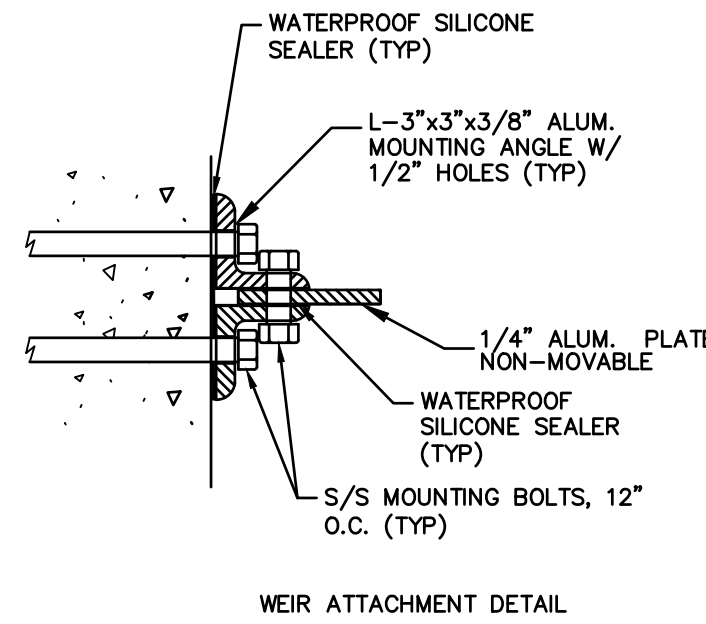
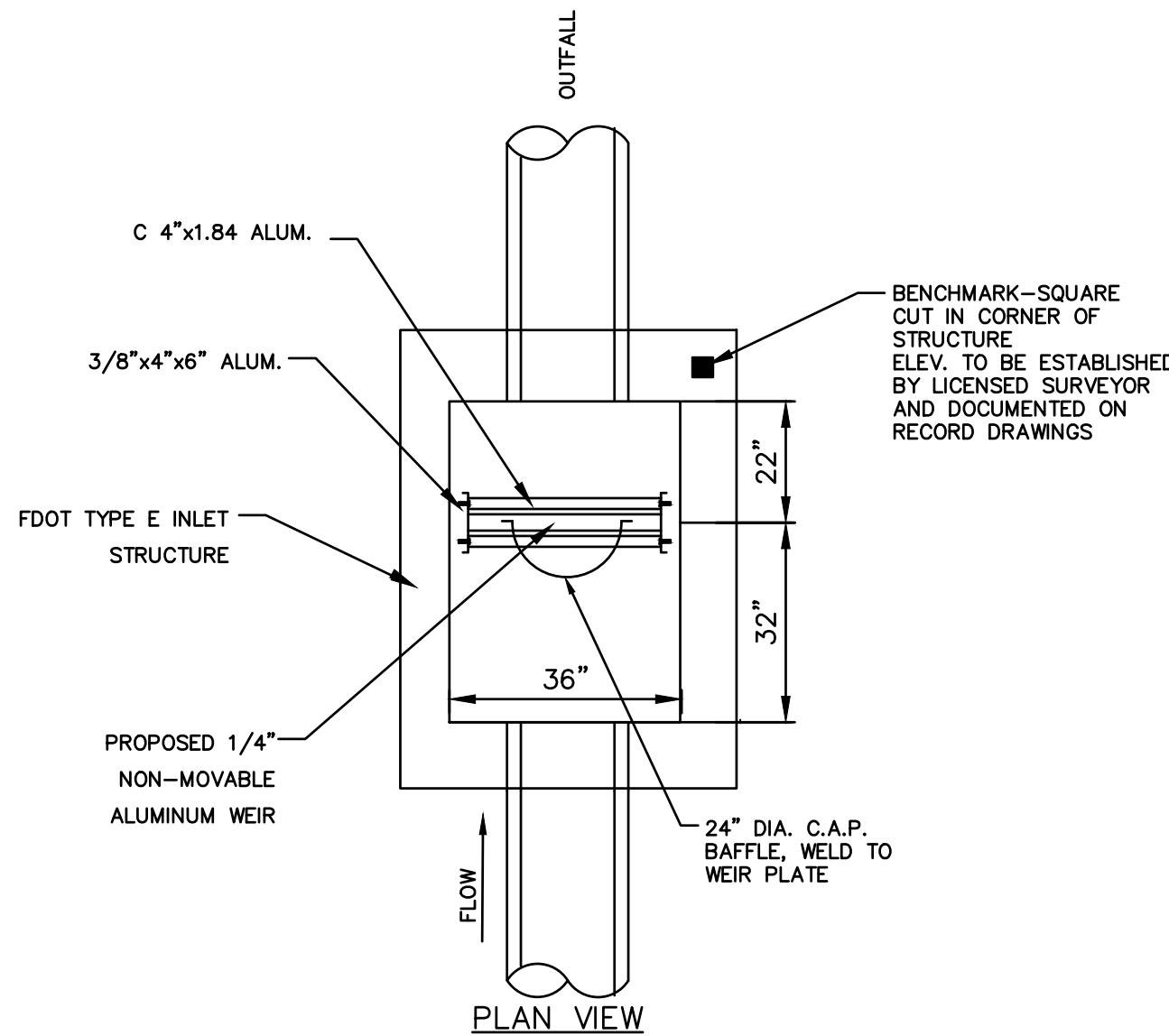
SECTION



SECTION

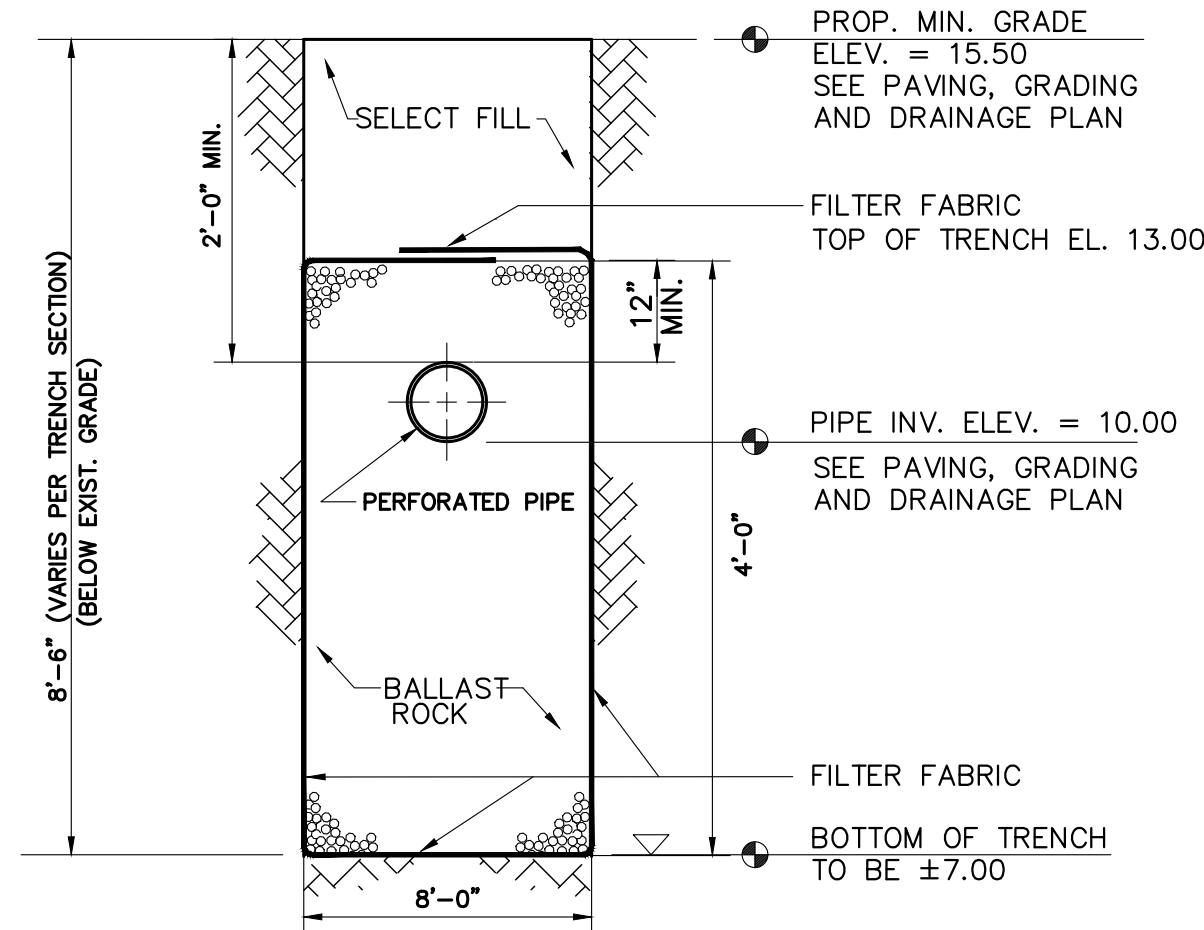
CONTROL STRUCTURE
N.T.S.

*WEIR ELEVATION
*BASIN 1 = 16.97' (NAVD)
*BASIN 2 = 15.23' (NAVD)
*BASIN 3 = 16.55' (NAVD)



BASIN 2 - SECTION VIEW

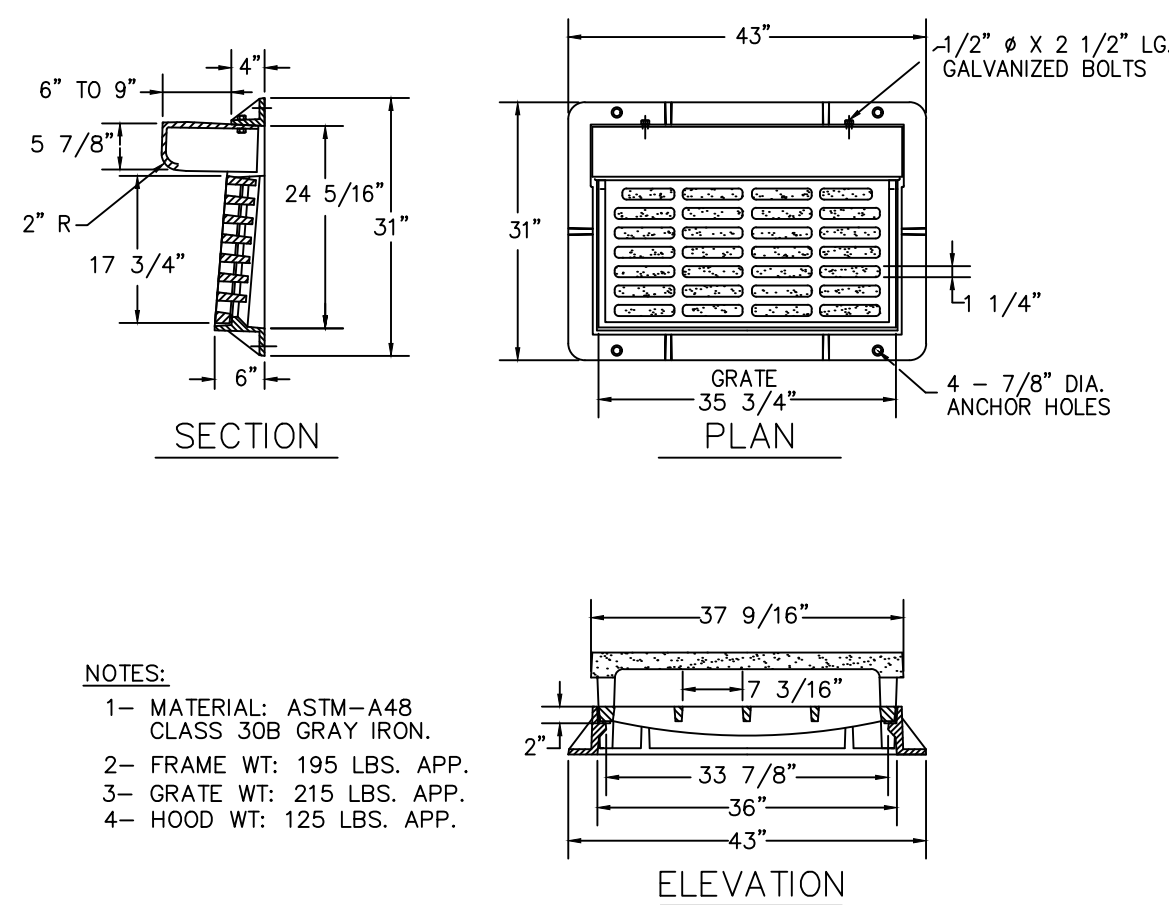
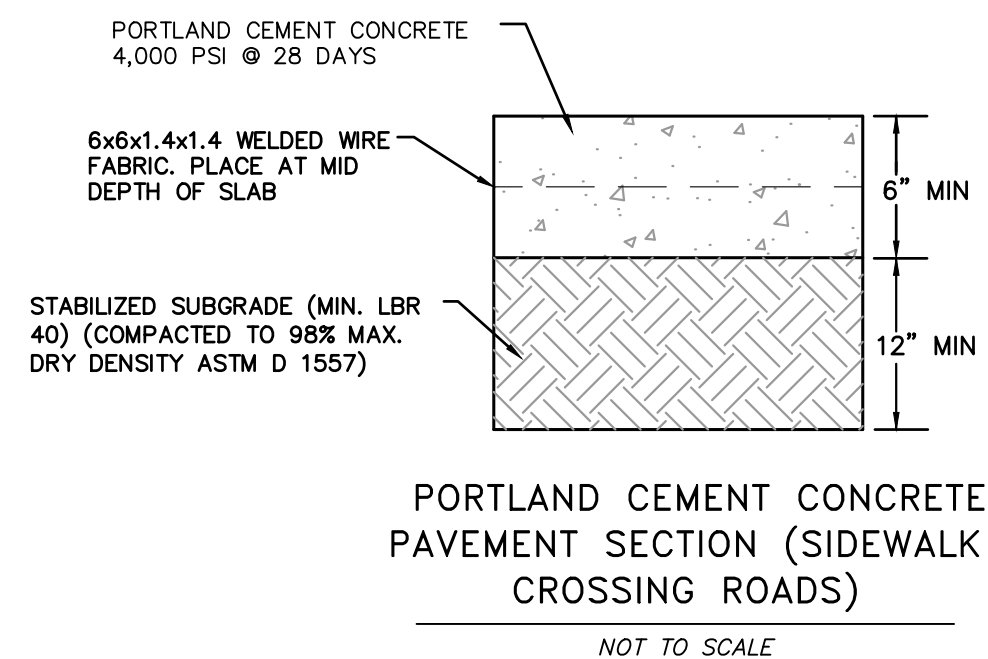
EXFILTRATION TRENCH
TRANSVERSE SECTION
N.T.S.



BASIN 3 - SECTION VIEW

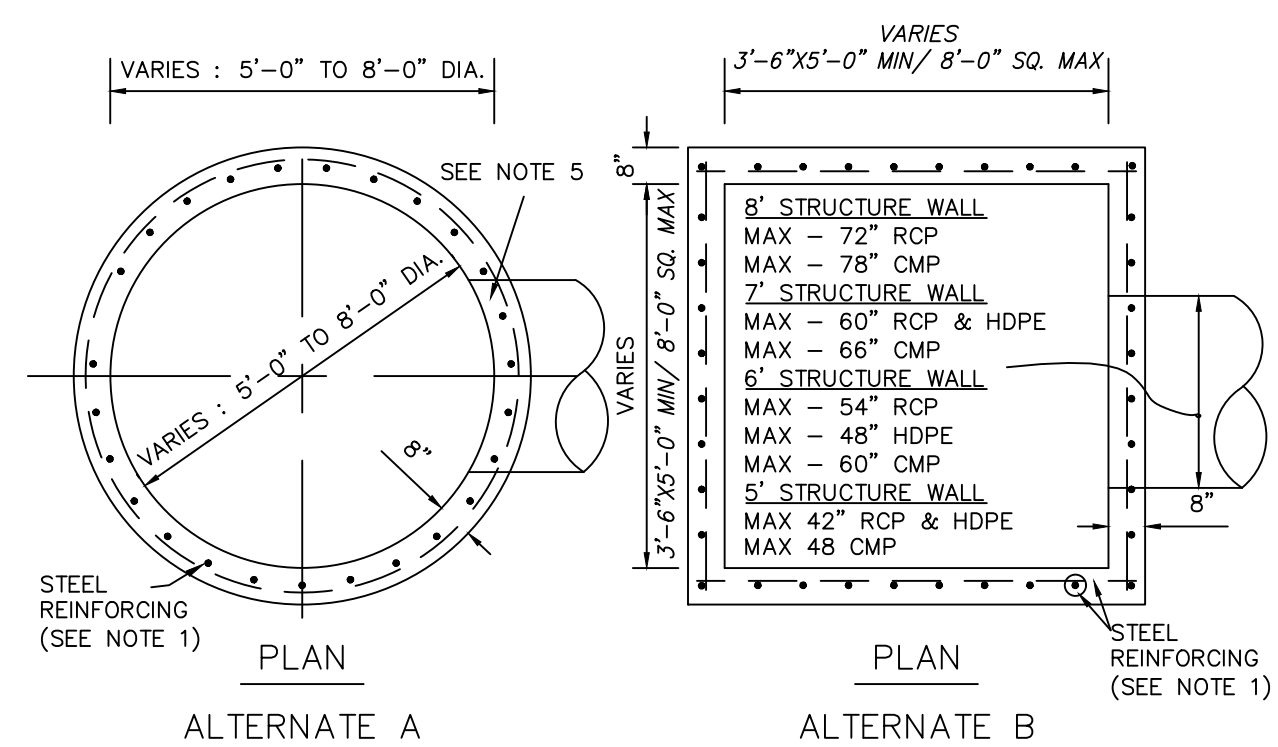
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.
PLANS ARE IN NAVD 1988
DATUM CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.513' = (NGVD 1929)

KHA PROJECT 140248002		DATE FEB 2020		SCALE AS SHOWN		DESIGNED BY JVP		DRAWN BY B/J		CHECKED BY MDS		DATE: _____	
LISCENSED PROFESSIONAL		MICHAEL D. SPRUCE, P.E.		1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445		PHONE: 561-330-2345 FAX: 561-863-8175		WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS		BY	
DETAILS												1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA	
SHEET NUMBER C5.12													



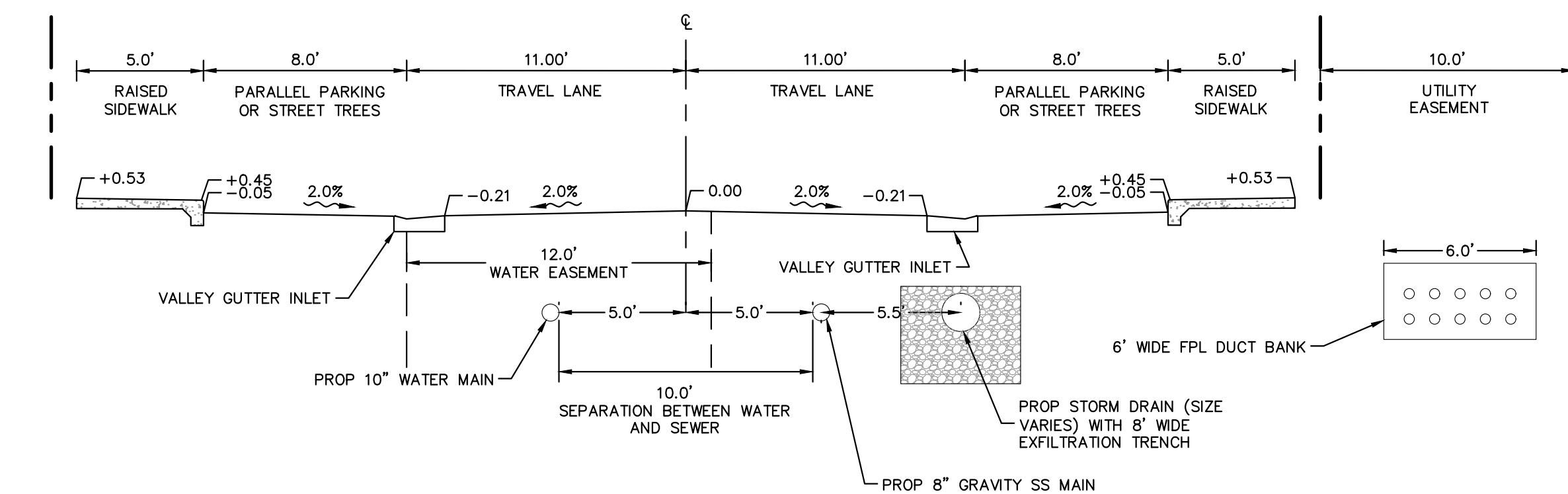
U.S. FOUNDRY #5130-6168
FRAME AND GRATE OR APPROVED EQUAL
PEDESTRIAN & BICYCLE COMPATIBLE

CURB INLET - TYPE 9 HOODED
FRAME AND GRATE
NOT TO SCALE

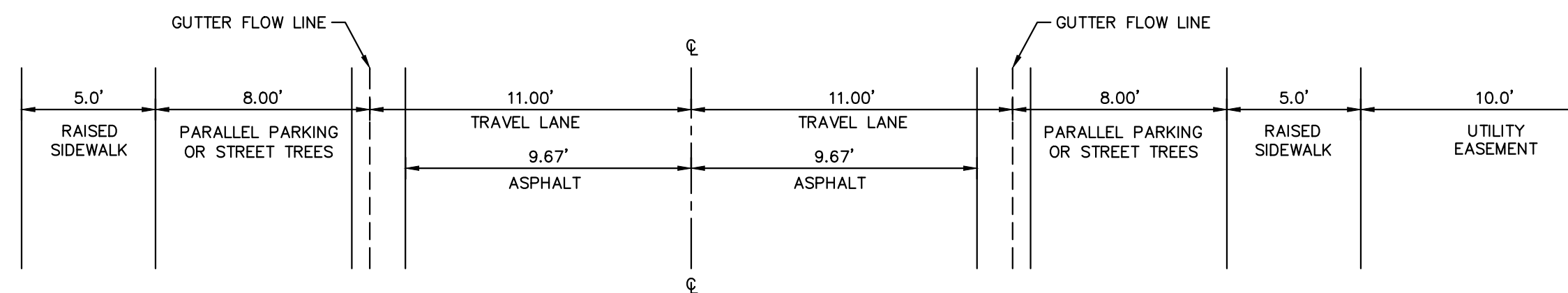


- NOTES:
1. REINFORCEMENT STEEL AREA AND PLACEMENT SHALL CONFORM TO FOOT STANDARD INDEX 200 & INDEX 201 MINIMUM.
 2. PROVIDE ONE EXTRA #4 BAR REINFORCEMENT EACH SIDE OF EACH OPENING AND TWO EXTRA #4 BARS AT 3" MIN SPACING ABOVE EACH OPENING PER FOOT STANDARD INDEX 200.
 3. WALL LENGTH EXCEEDING 6'-0" REQUIRES TWO LAYERS OF REINFORCING WITH 2" COVER
 4. STRUCTURES LARGER THAN 8' ROUND OR SQUARE REQUIRE DETAILING BY THE ENGINEER.
 5. FOR ROUND STRUCTURES ENGINEER SHALL CHECK PIPE SIZES AND ENTRY ANGLES (SEE FOOT INDEX 200, 3 OF 5)
-

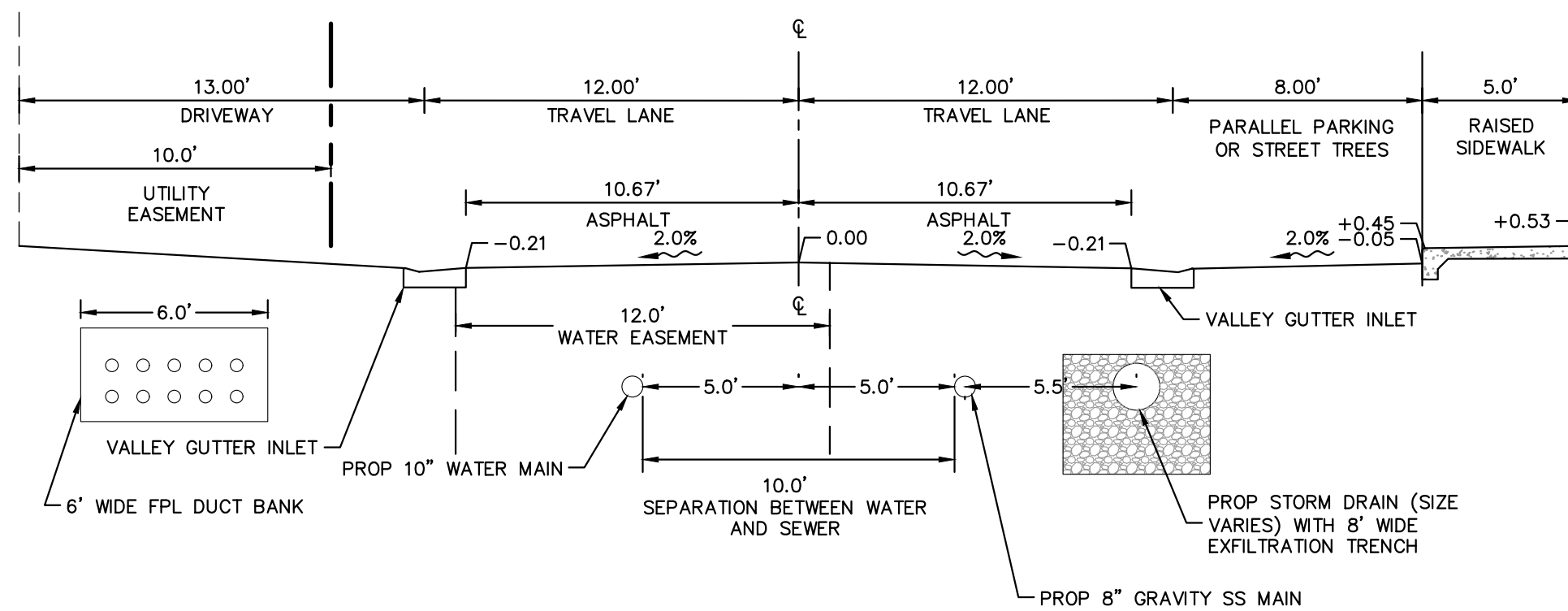
TYPE "J" - MANHOLE & INLET
STRUCTURE BOTTOM
NOT TO SCALE



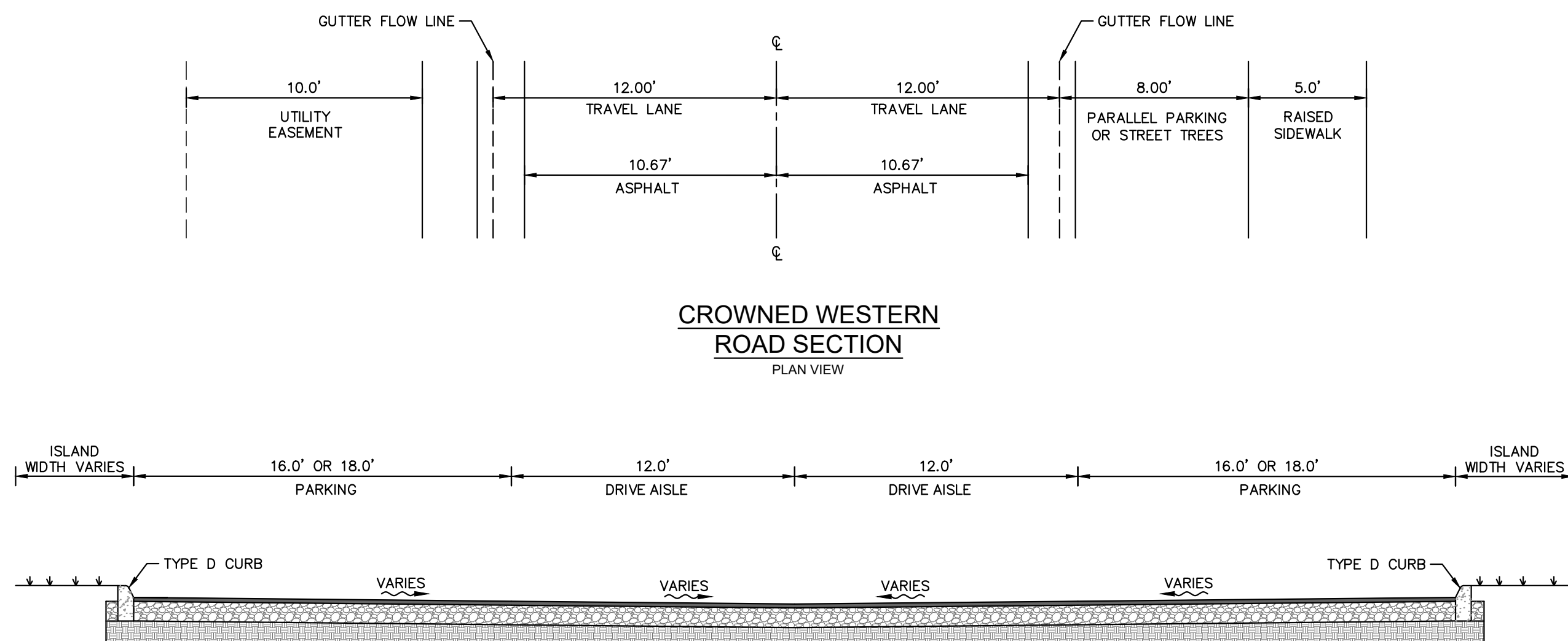
CROWNED EASTERN ROAD SECTION
PROFILE VIEW



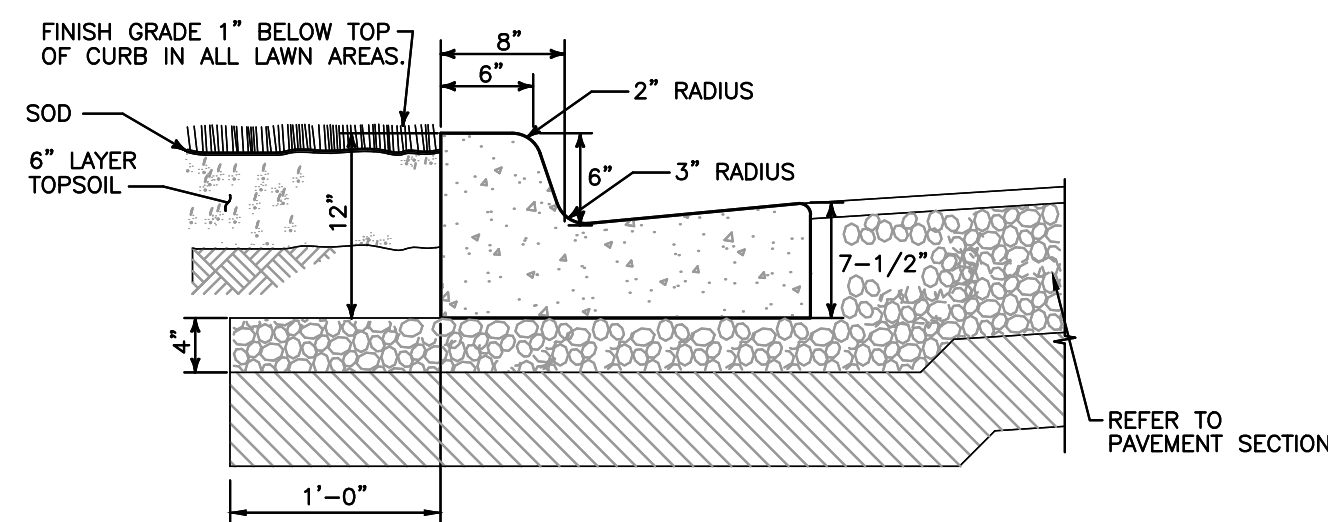
CROWNED EASTERN
ROAD SECTION
PLAN VIEW



CROWNED WESTERN ROAD SECTION
PROFILE VIEW

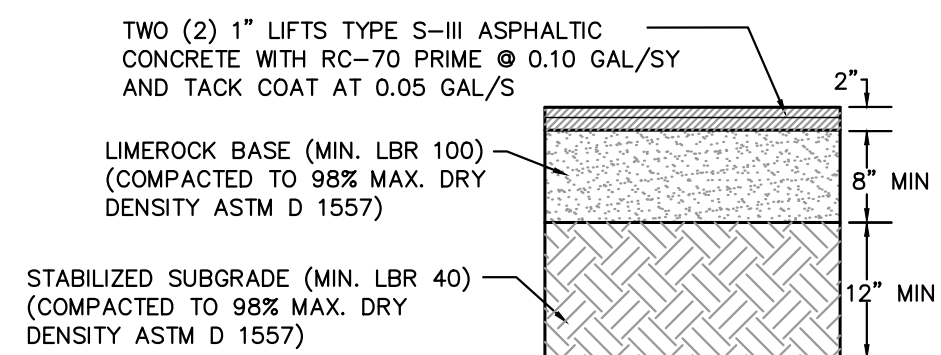


PARKING AREA

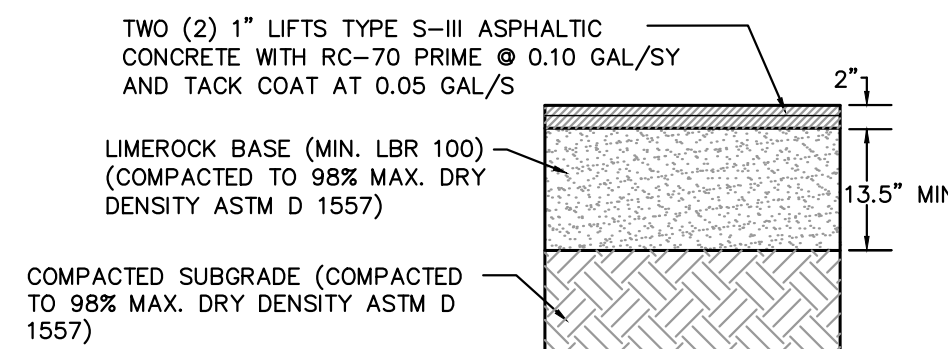


NOTES:
1. GUTTER SLOPE IS TO MATCH THE PAVEMENT SLOPE WHEN USED ON THE HIGH SIDE OF THE PAVEMENT.

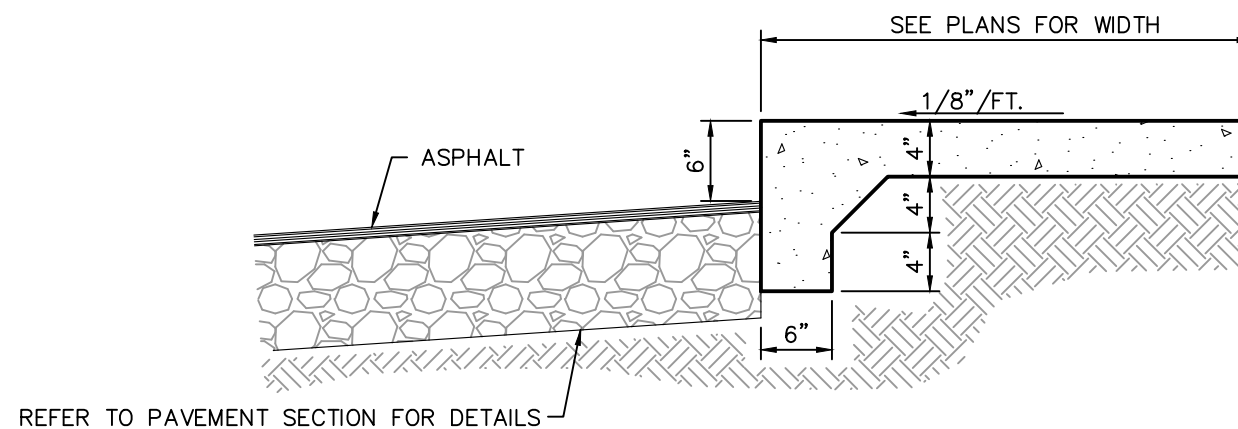
TYPE "F" CURB
NOT TO SCALE



TYPICAL ASPHALTIC CONCRETE
PAVEMENT SECTION
NOT TO SCALE

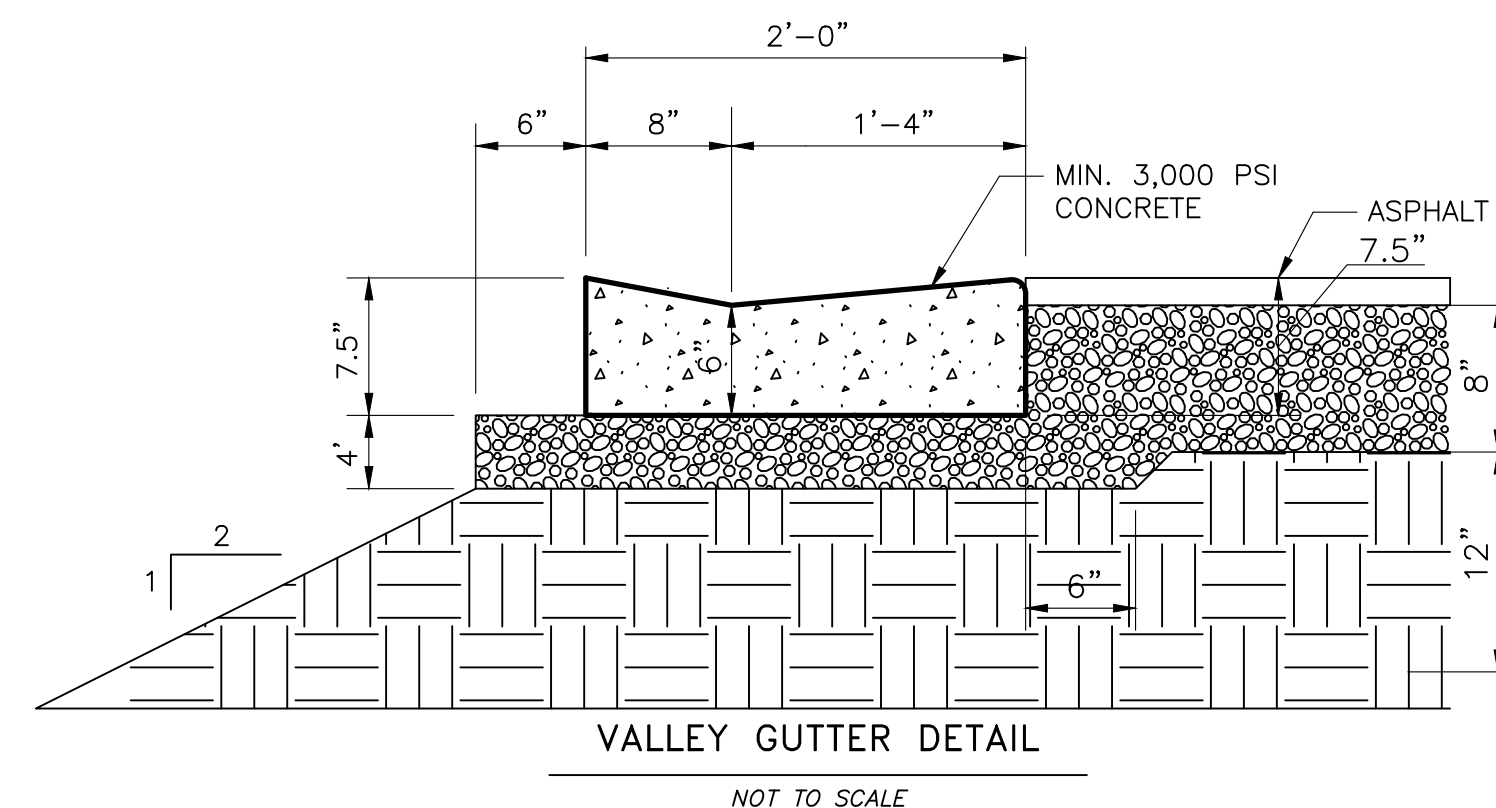


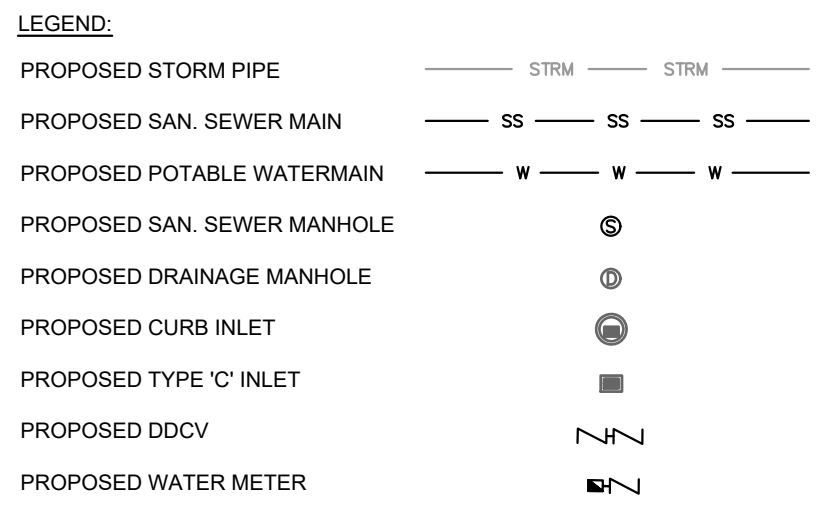
ALTERNATE ASPHALTIC CONCRETE
PAVEMENT SECTION
NOT TO SCALE



RAISED CONCRETE SIDEWALK

NOT TO SCALE





NOTE:
HYDRANTS SPACED @ 1/400 LF FOR MULTI
FAMILY RESIDENTIAL LESS THAN 2 STORIES OR
1/300 LF FOR MULTI FAMILY RESIDENTIAL
GREATER THAN 2 STORIES/COMMERCIAL

[illegible]

Plotter: By: Milliron, Teresa - Sheet Set: 1690 - 2350 S. Congress Avenue - Layout: C6.01 UTILITY PLAN - November 03, 2020 - 02:03:05pm - K:\BCD-Civil\40248002 - CentrePointe\CADD\PlanSheets\C6.01 UTILITY PLAN.dwg
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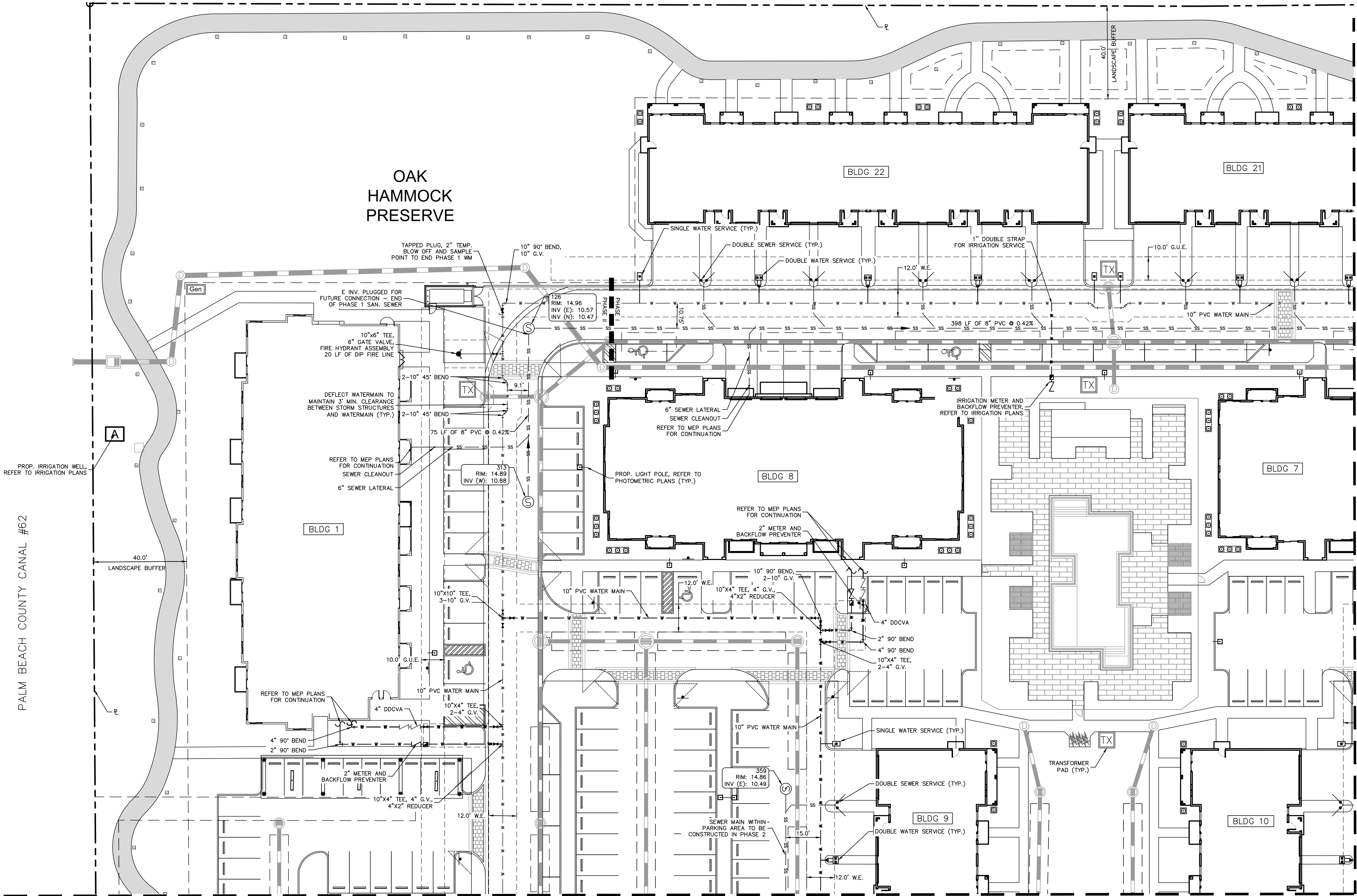
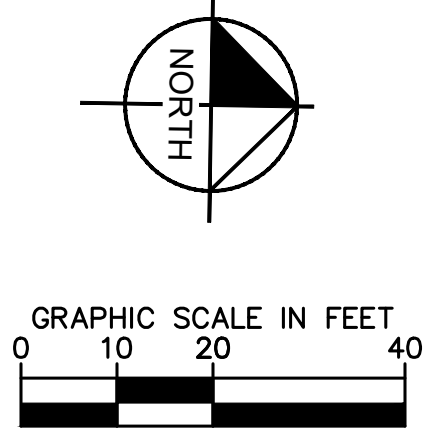
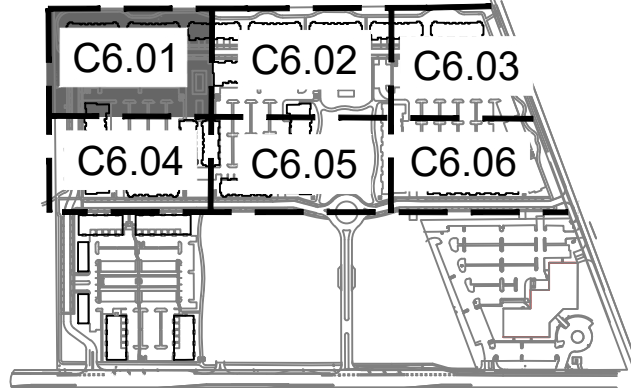
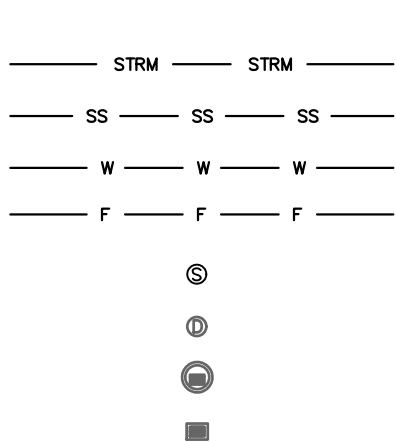
ENGINEERING NOTES:

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- ALL GRAVITY SEWER MAIN (SS) AND LATERALS SHALL BE PVC SDR-35 UNLESS OTHERWISE NOTED.
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- NO PROPOSED IMPROVEMENTS, BUILDINGS OR ANY KIND OF CONSTRUCTION CAN BE PLACED ON OR WITHIN ANY WATER, SEWER, OR DRAINAGE EASEMENTS, UNLESS APPROVED BY THE CITY OF DELRAY BEACH CITY ENGINEER.
- CITY OF DELRAY BEACH UTILITIES DIVISION (561)243-7312 MUST BE GIVEN AT LEAST 48 HOUR NOTIFICATION PRIOR TO ANY SHUT DOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES
- ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER, OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS: LD-1.1 AND LD-1.2.

LEGEND:

- PROPOSED STORM PIPE
PROPOSED SAN. SEWER MAIN
PROPOSED POTABLE WATERMAIN
PROPOSED FIRE MAIN
PROPOSED SAN. SEWER MANHOLE
PROPOSED DRAINAGE MANHOLE
PROPOSED CURB INLET
PROPOSED TYPE 'C' INLET



MATCHLINE - SEE SHEET C6.02

MATCHLINE - SEE SHEET C6.04

1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA		UTILITY PLAN		KIMLEY-HORN © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS		BY DATE	
SHEET NUMBER C6.01		KHA PROJECT 140248002		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E.		No.			
		DATE NOV. 2020		DESIGNED BY JRF		No.			
		SCALE AS SHOWN		DRAWN BY JRF		No.			
		CHECKED BY MDS		DATE		No.			

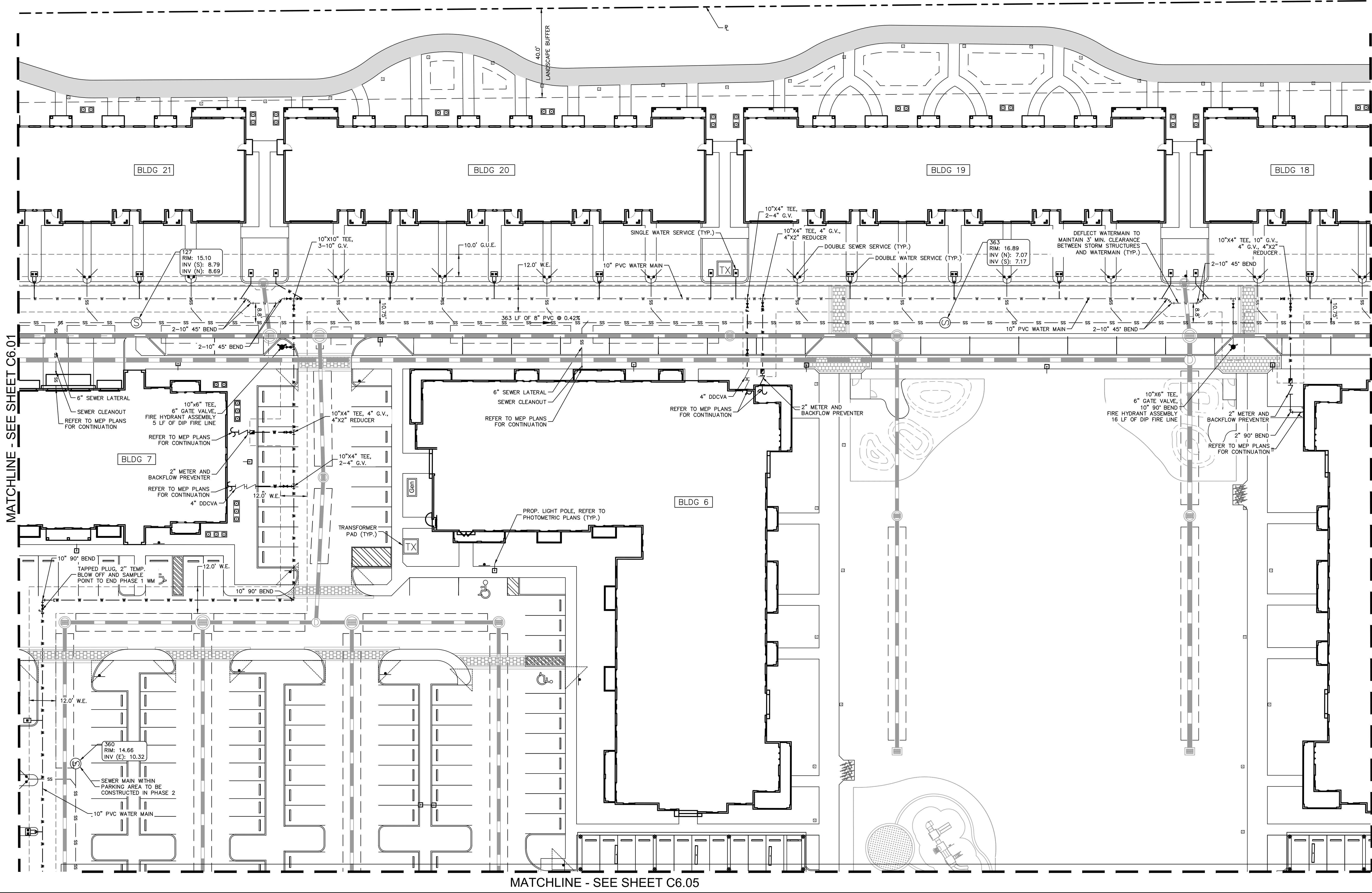
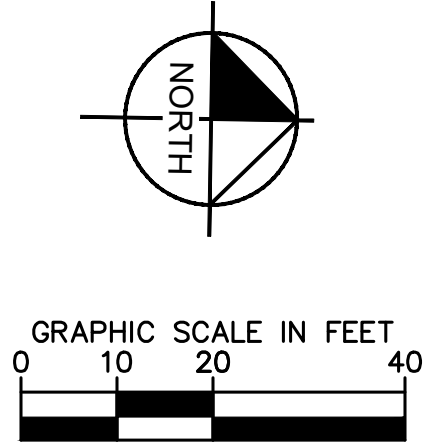
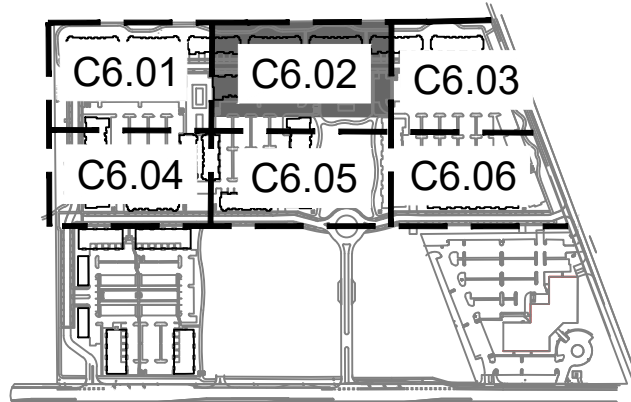
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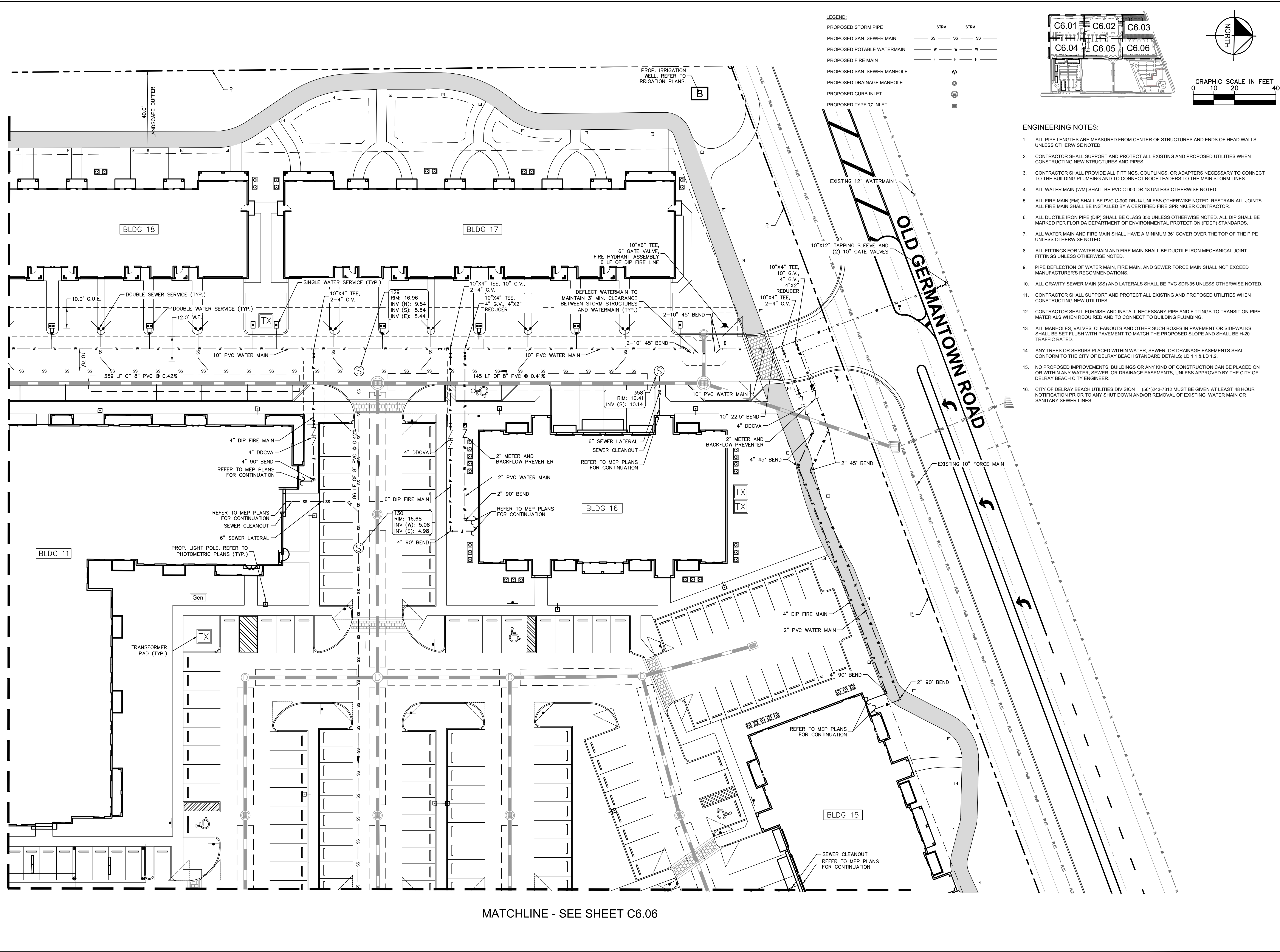
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SHEET NUMBER C6.02		DATE NOV. 2020		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776		No.		DATE	

MATCHLINE - SEE SHEET C6.02



MATCHLINE - SEE SHEET C6.06

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16. CITY OF DELRAY BEACH UTILITIES DIVISION (561)243-7312 MUST BE GIVEN AT LEAST 48 HOUR NOTIFICATION PRIOR TO ANY SHUT DOWN AND/OR REMOVAL OF EXISTING WATER MAIN OR SANITARY SEWER LINES

SHEET NUMBER C6.03		1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA		UTILITY PLAN		KHA PROJECT 140248002		LICENSED PROFESSIONAL		Kimley»»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		No.		DATE		BY	
						DATE NOV 2020		MICHAEL D. SPRUCE, P.E.									
						SCALE AS SHOWN		FLORIDA LICENSE NUMBER									
						DESIGNED BY JRF		52776									
						DRAWN BY JRF		DATE:									
						CHECKED BY		MDS									

Plotted By: Milliron, Teresa Sheet Set: 1690 - 2350 S. Congress Avenue Layout: C6.04 UTILITY PLAN November 03, 2020 02:03:49pm K:\BCD-Civil\140248002 - CenterPointe\CADD\PlanSheets\C6.01 UTILITY PLAN.dwg
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PALM BEACH COUNTY CANAL #62

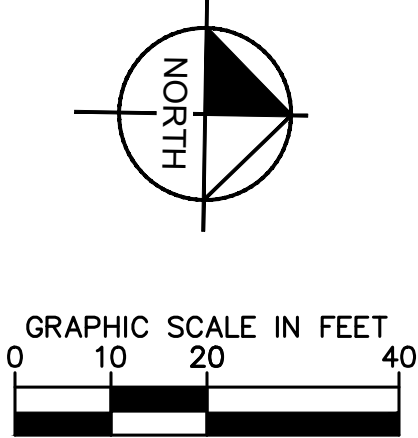
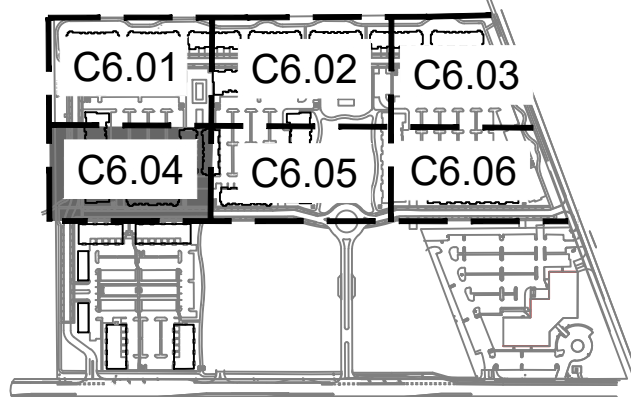
ENGINEERING NOTES:

- ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW STRUCTURES AND PIPES.
- CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
- ALL WATER MAIN (WM) SHALL BE PVC C-900 DR-18 UNLESS OTHERWISE NOTED.
- ALL FIRE MAIN (FM) SHALL BE PVC C-900 DR-14 UNLESS OTHERWISE NOTED. RESTRAIN ALL JOINTS. ALL FIRE MAIN SHALL BE INSTALLED BY A CERTIFIED FIRE SPRINKLER CONTRACTOR.
- ALL DUCTILE IRON PIPE (DIP) SHALL BE CLASS 350 UNLESS OTHERWISE NOTED. ALL DIP SHALL BE MARKED PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) STANDARDS.
- ALL WATER MAIN AND FIRE MAIN SHALL HAVE A MINIMUM 36" COVER OVER THE TOP OF THE PIPE UNLESS OTHERWISE NOTED.
- ALL FITTINGS FOR WATER MAIN AND FIRE MAIN SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS UNLESS OTHERWISE NOTED.

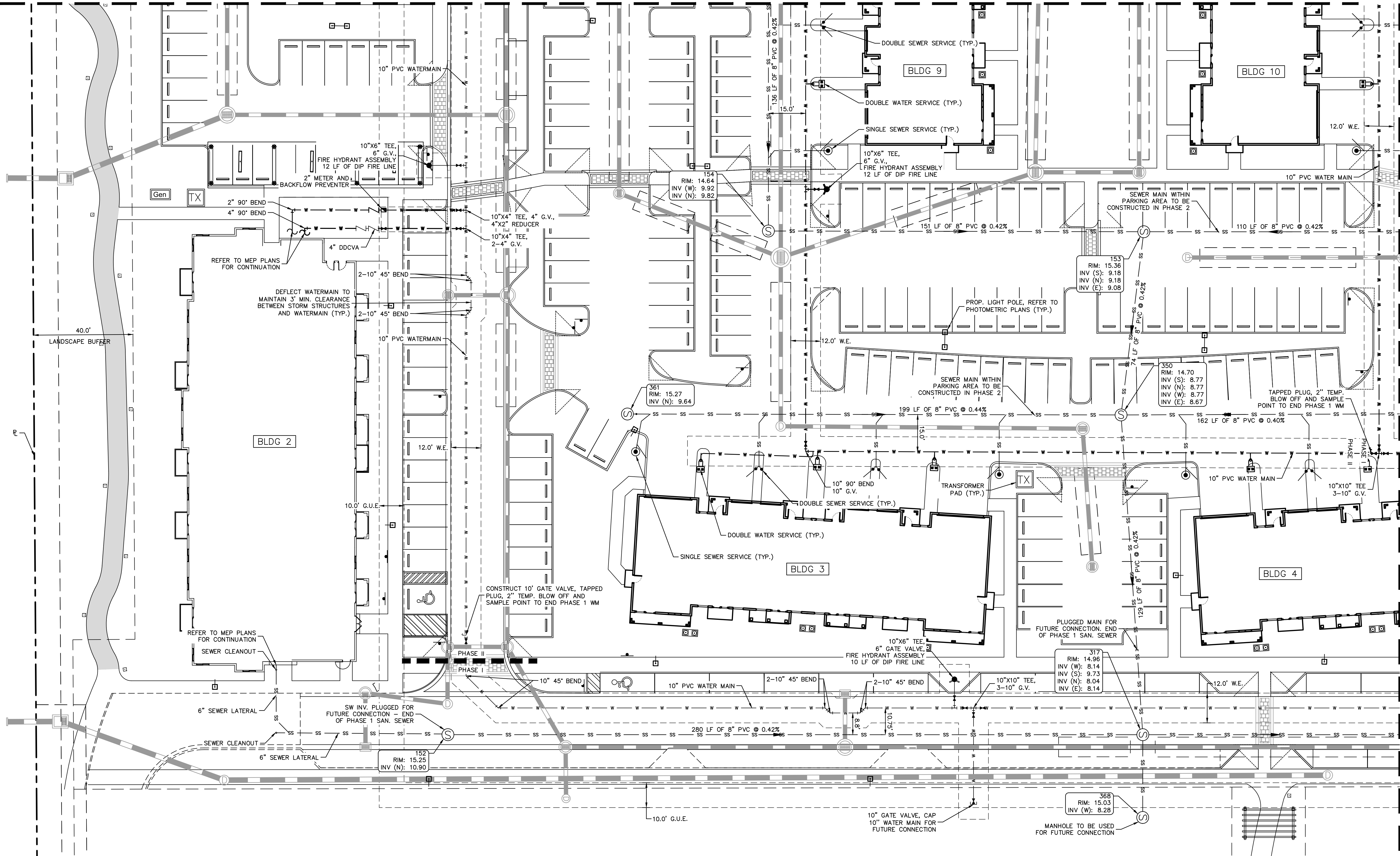
- PIPE DEFLECTION OF WATER MAIN, FIRE MAIN, AND SEWER FORCE MAIN SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS.
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LEGEND:

- PROPOSED STORM PIPE
- PROPOSED SAN. SEWER MAIN
- PROPOSED POTABLE WATERMAIN
- PROPOSED FIRE MAIN
- PROPOSED SAN. SEWER MANHOLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE 'C' INLET



MATCHLINE - SEE SHEET C6.01

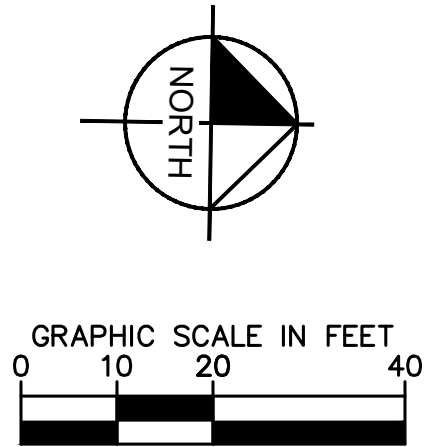
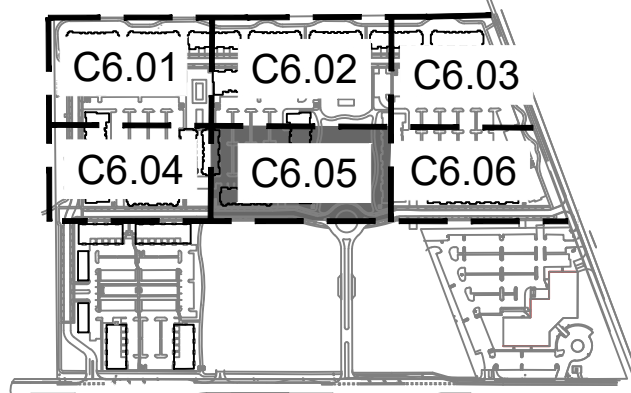
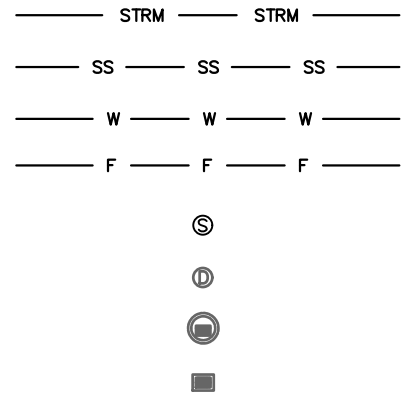


MATCHLINE - SEE SHEET C6.05

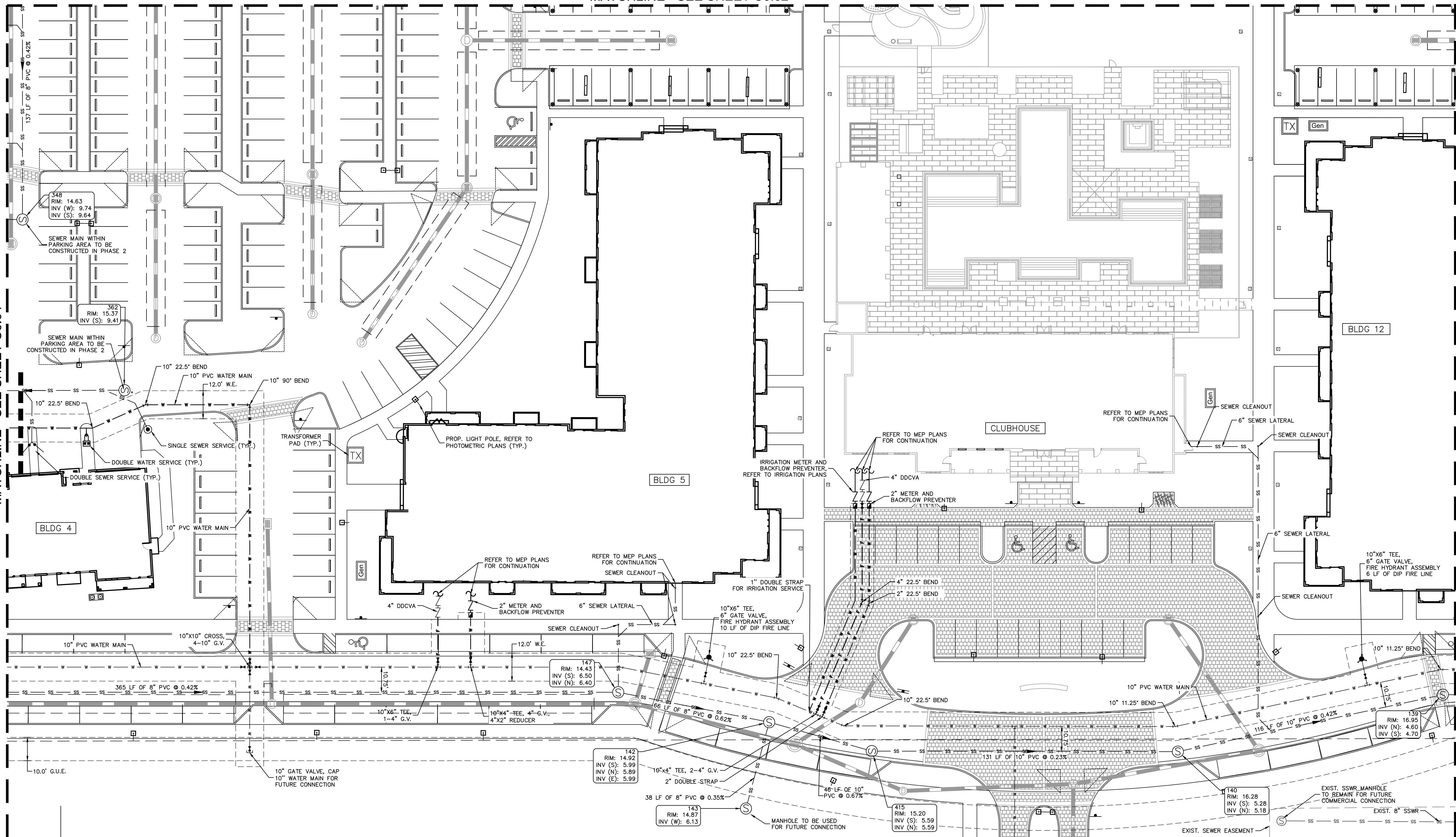
1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA		UTILITY PLAN		KHA PROJECT 140248002 DATE NOV. 2020 SCALE AS SHOWN DESIGNED BY JRF DRAWN BY JRF CHECKED BY MDS		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776 DATE: _____		Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE., SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS No. DATE BY	
SHEET NUMBER C6.04											

1. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF HEAD WALLS UNLESS OTHERWISE NOTED.
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- LEGEND:**
- PROPOSED STORM PIPE
- PROPOSED SAN. SEWER MAIN
- PROPOSED POTABLE WATERMAIN
- PROPOSED FIRE MAIN
- PROPOSED SAN. SEWER MANHOLE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED CURB INLET
- PROPOSED TYPE 'C' INLET



MATCHLINE - SEE SHEET C6.02



— — — — —
MATCHLINE - SEE SHEET C6.06

1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
DELRAY BEACH
FLORIDA

UTILITY PLAN

KHA PROJECT 140248002	LICENSED PROFESSIONAL
DATE NOV 2020	MICHAEL D. SPRUCE, P.E.
SCALE AS SHOWN	FLORIDA LICENSE NUMBER 52776
DESIGNED BY JRF	
DRAWN BY JRF	
CHECKED BY MDS	DATE: -----

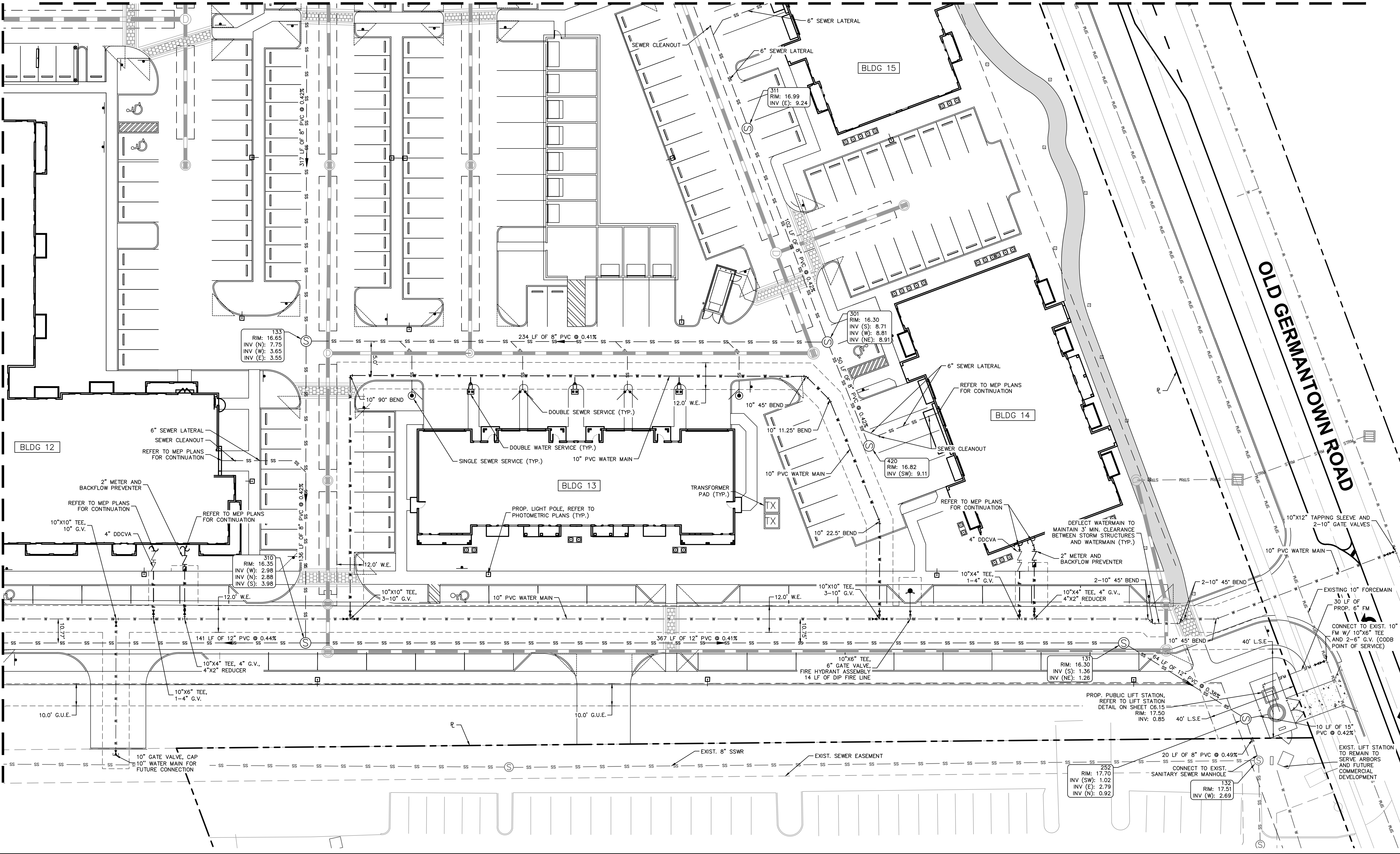
Kimley»»Horn

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5 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33483
PHONE: 561-350-2345 FAX: 561-863-8175
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No.	REVISIONS	DATE	BY

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MATCHLINE - SEE SHEET C6.05



ENGINEERING NOTES:

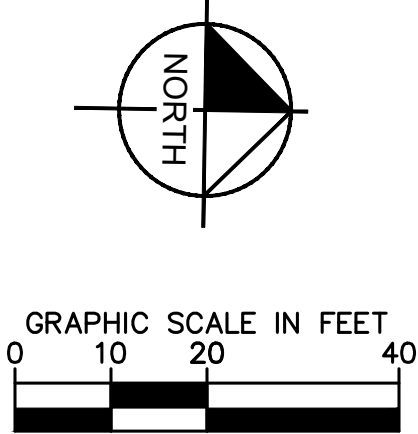
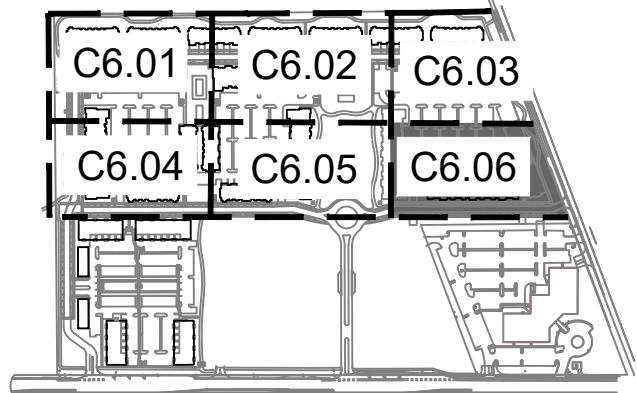
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MATCHLINE - SEE SHEET C6.03

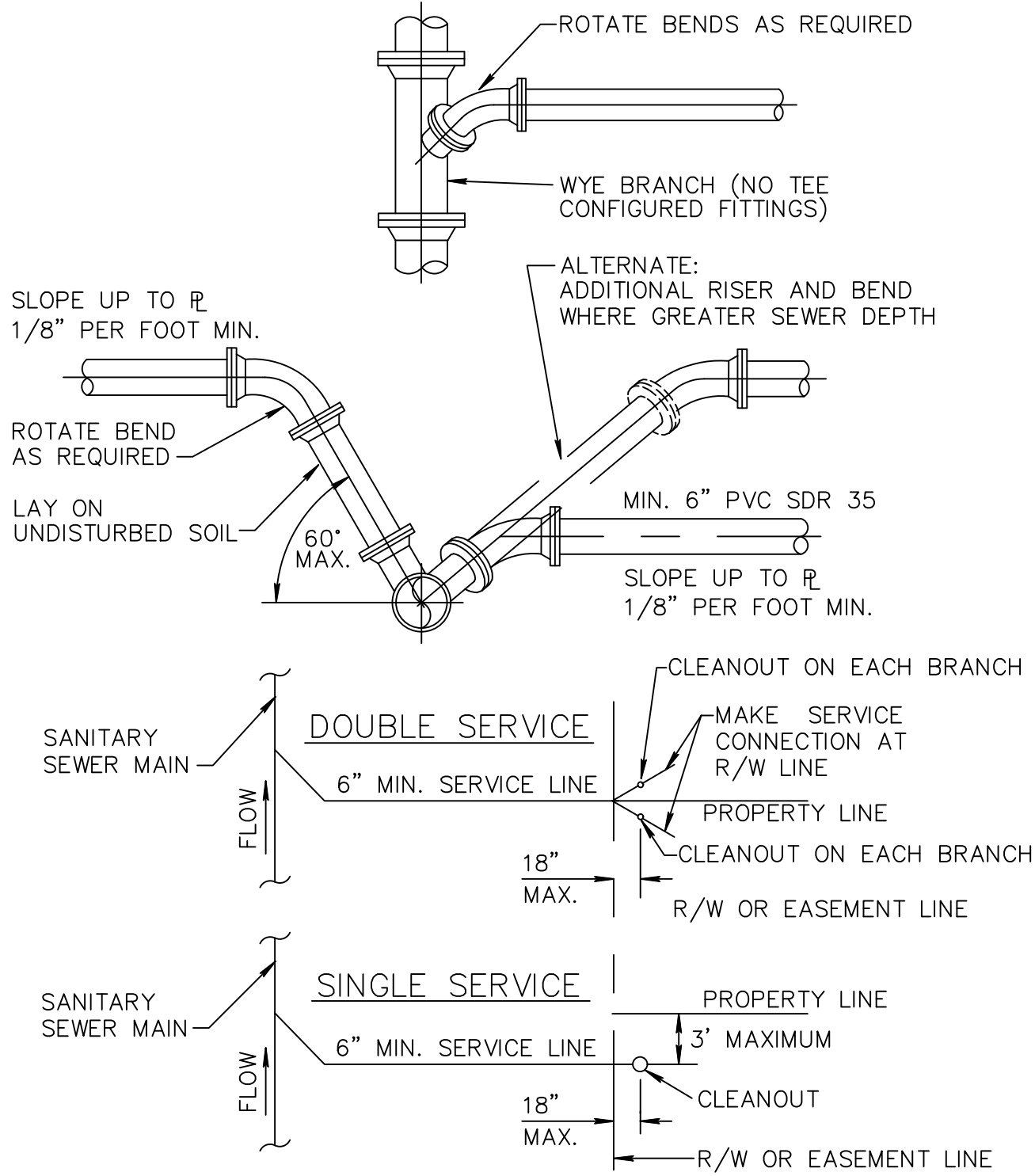
LEGEND:

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PROPOSED POTABLE WATERMAIN
PROPOSED FIRE MAIN
PROPOSED SAN. SEWER MANHOLE
PROPOSED DRAINAGE MANHOLE
PROPOSED CURB INLET
PROPOSED TYPE 'C' INLET



KHA PROJECT 140248002		DATE NOV. 2020		SCALE AS SHOWN		DESIGNED BY JRF		DRAWN BY JRF		CHECKED BY MDS		DATE -----	
LICENCED PROFESSIONAL		MICHAEL D. SPRUCE, P.E.		© 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 0000696		FLORIDA LICENSE NUMBER 52776		REVISIONS		No.		BY	
UTILITY PLAN												1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA DELRAY BEACH	
SHEET NUMBER C6.06													

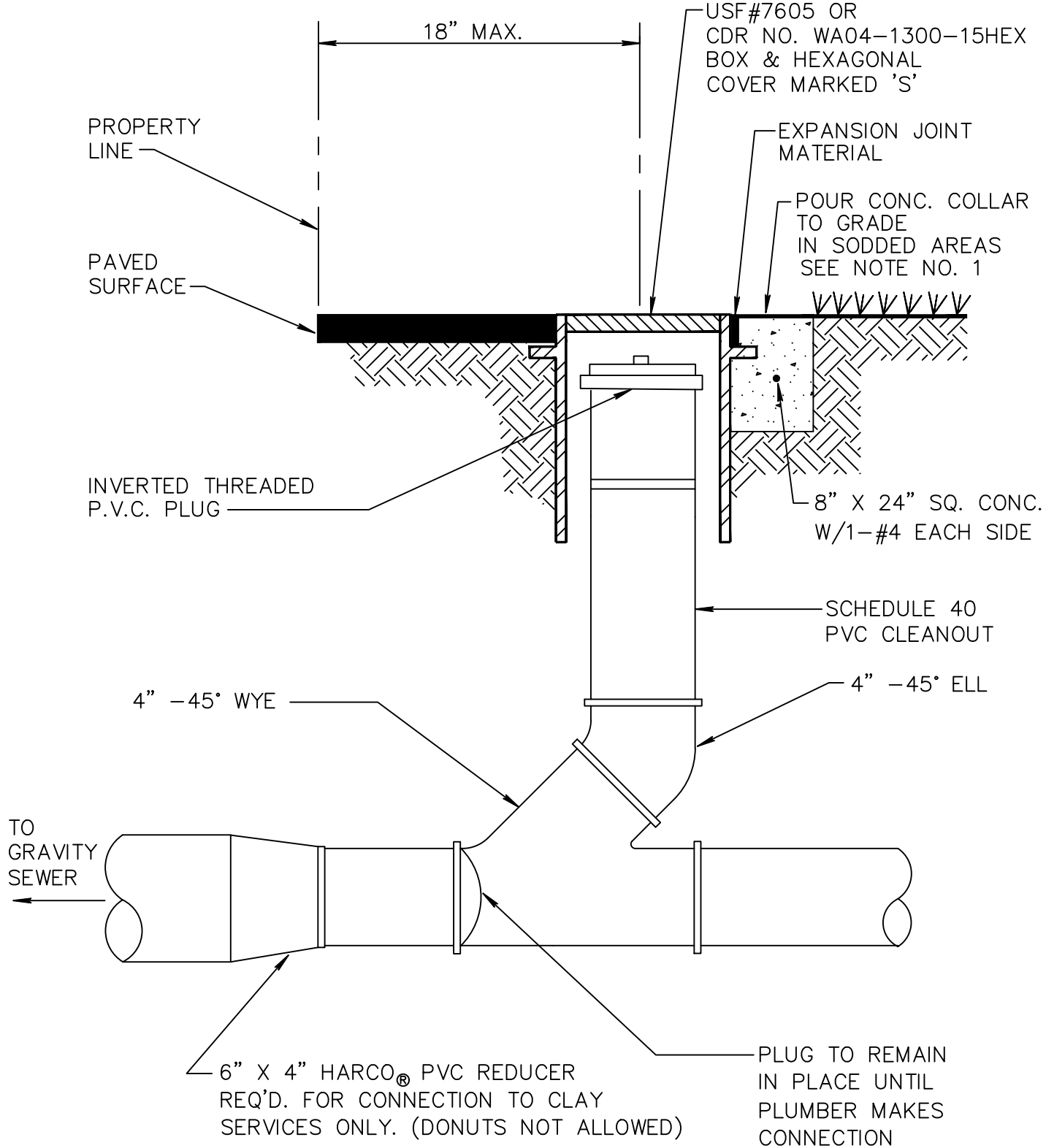
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NOTE:

- 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.

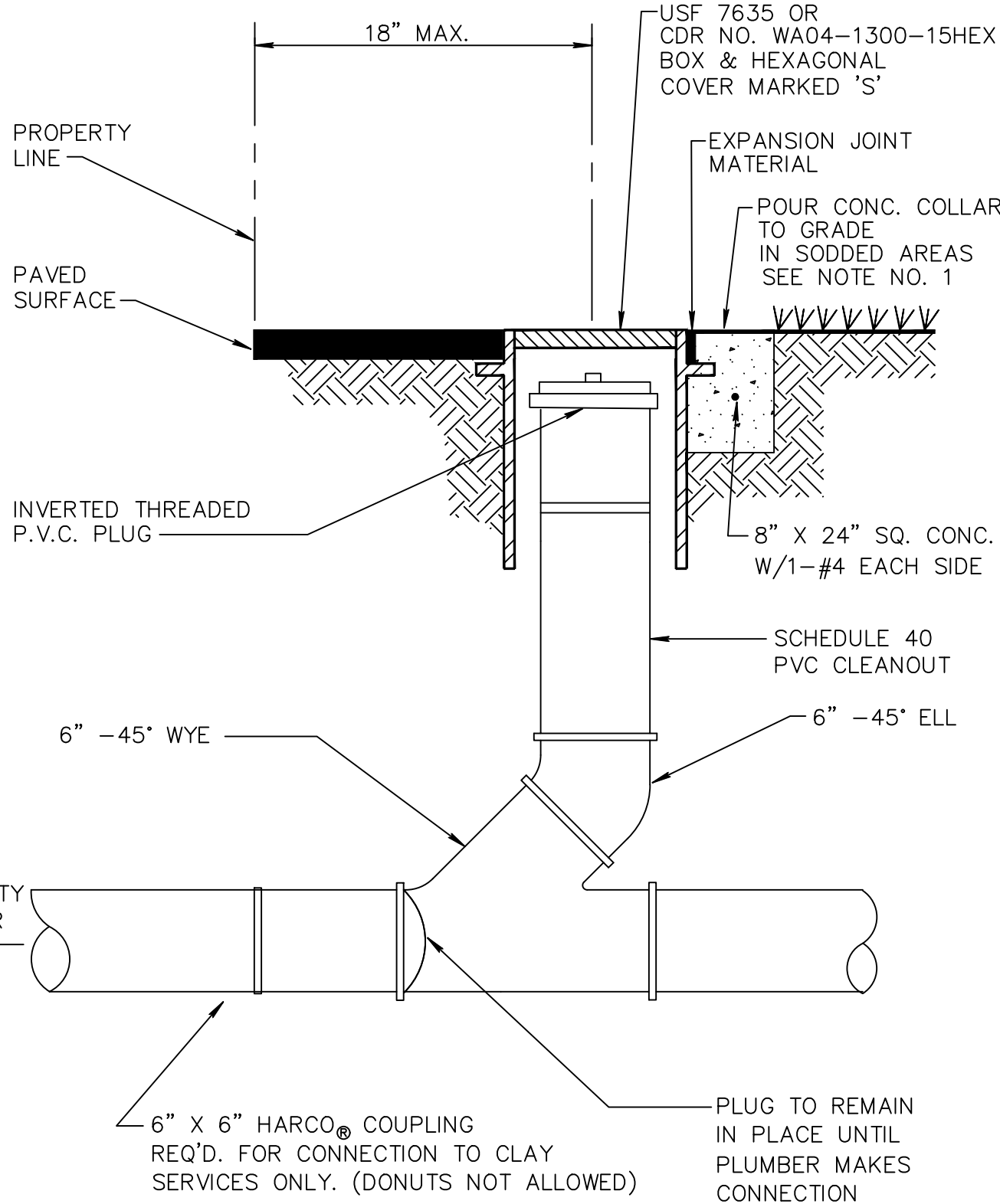
SEWER SERVICE CONNECTIONS WW 4.1



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.

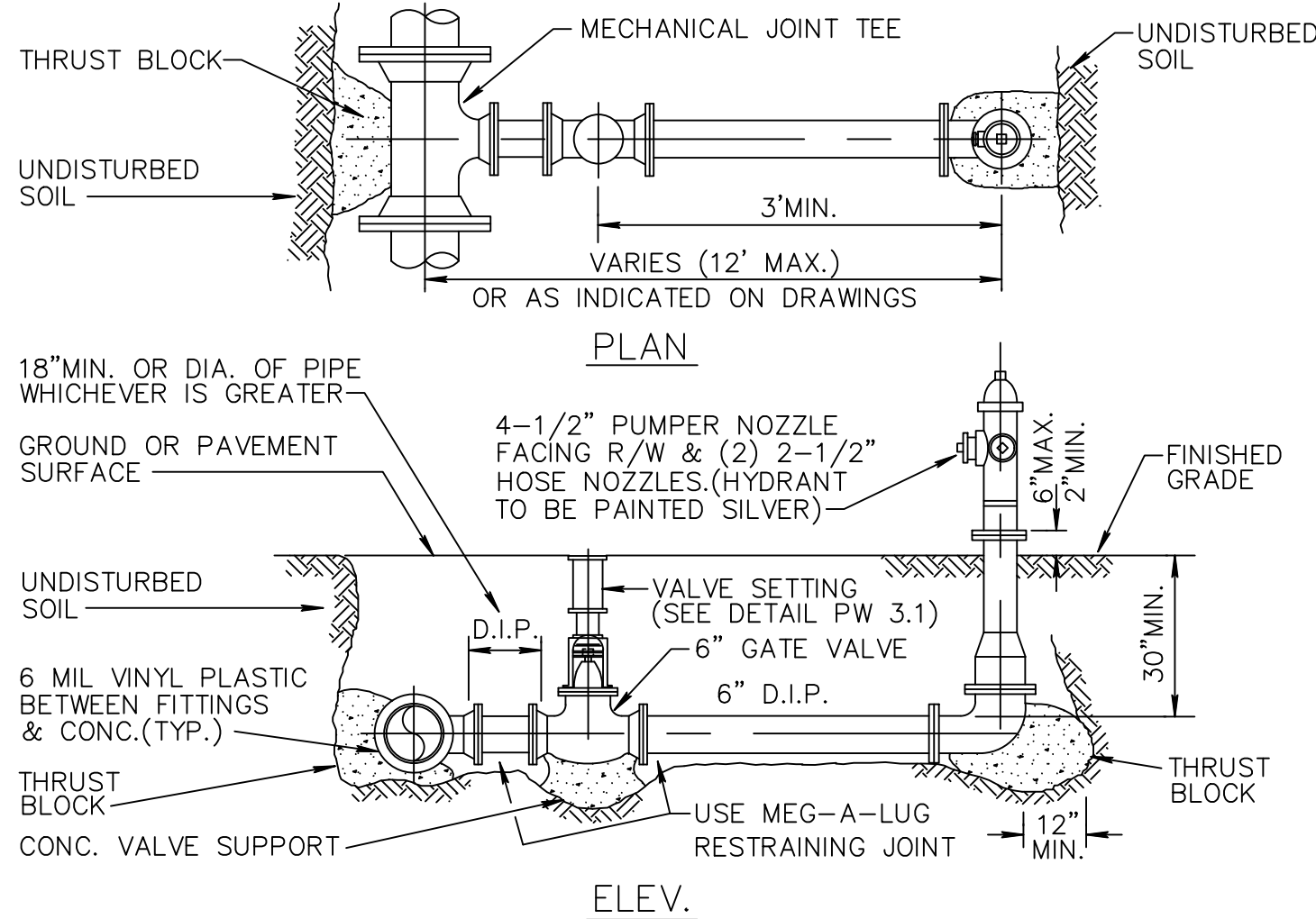
TYPICAL RESIDENTIAL CLEANOUT WW 5.1



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.

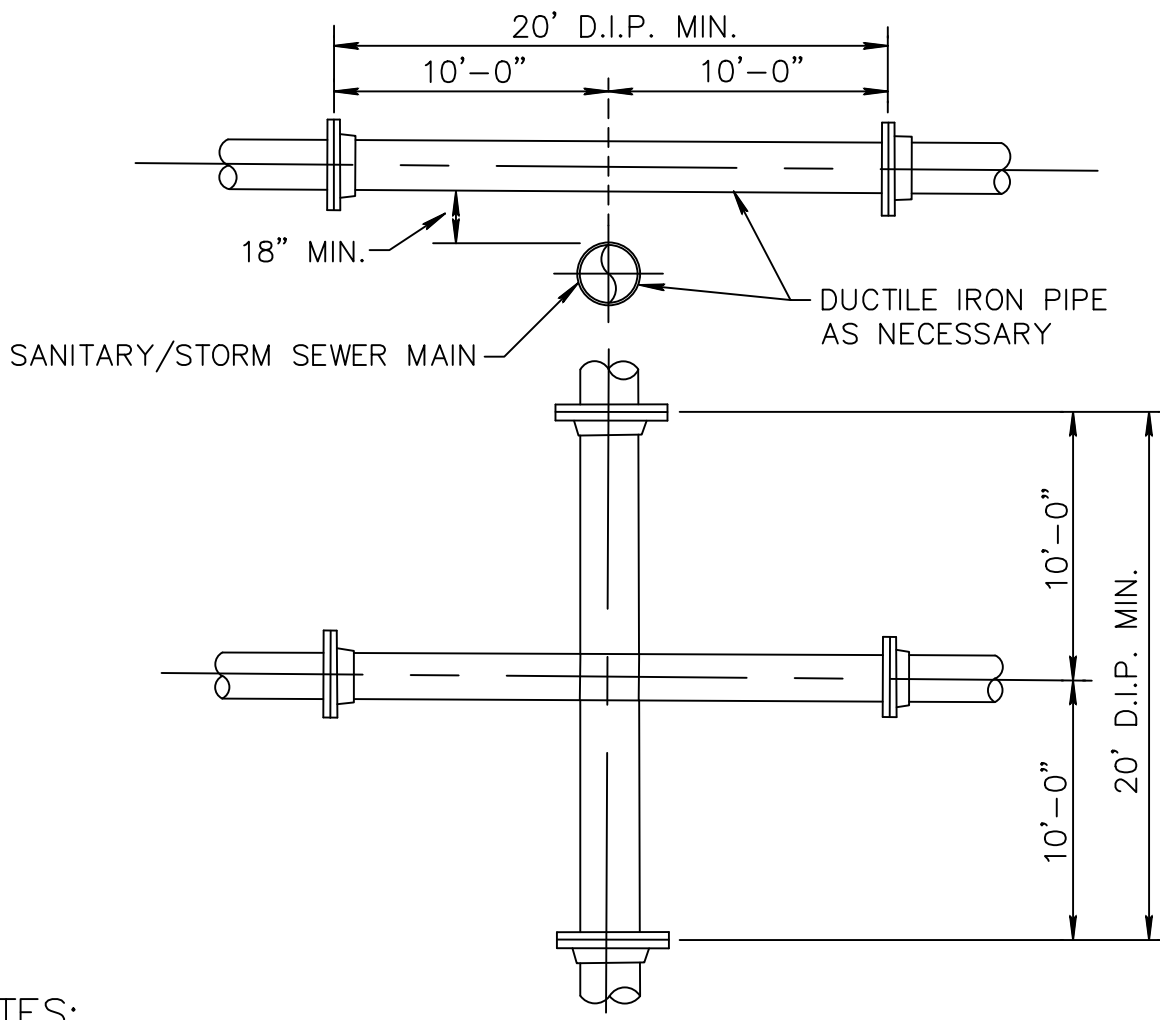
TYPICAL COMMERCIAL CLEANOUT WW 5.2



NOTES:

- HYDRANT SHALL BE INSTALLED PLUMB AND TRUE IN UNOBSTRUCTED LOCATION. (7.5' CLEARANCE ON THREE SIDES, 4' CLEARANCE AT REAR WITH 3' ACCESS LANE)
- NO BARREL EXTENSION SHALL BE PERMITTED WITHOUT PRIOR CONSENT OF CITY ENGINEER.
- VALVE SHALL BE PLACED ADJACENT TO MAIN, TIED TO TEE.
- ANCHOR TEES AND FITTINGS ARE PERMITTED.
- HYDRANT SHALL BE MUELLER CENTURION, AMERICAN B-84B, CLOW MEDALLION OR KENNEDY K81A WITH TRAFFIC BREAKAWAY FLANGE AND 5-1/4" VALVE.
- HYDRANTS SHALL NOT ENCR OACH IN SIDEWALKS, ROADWAYS, OR BIKE PATHS.
- ON RUNS LONGER THAN 20 FEET A SECOND VALVE IS REQUIRED AT THE HYDRANT.
- ALL HYDRANT INSTALLATION SHALL BE IN ACCORDANCE WITH CITY OF DELRAY BEACH FIRE PREVENTION CODE SEC. 96.05.
- IN CERTAIN SITUATIONS, PROTECTIVE BOLLARDS MAY BE REQUIRED AS DIRECTED BY THE ENGINEERING DEPT. (SEE BOLLARD DETAIL PW 5.2)
- FIRE HYDRANTS INSTALLED BUT NOT YET IN SERVICE SHALL BE COVERED WITH A BURLAP, OR PLASTIC SACK, OR HAVE OUT OF SERVICE RING IN PLACE.
- ALL HYDRANT LEADS GREATER THAN 20- FEET MUST HAVE AUTOMATIC FLUOHER INSTALLED AT HYDRANT END.

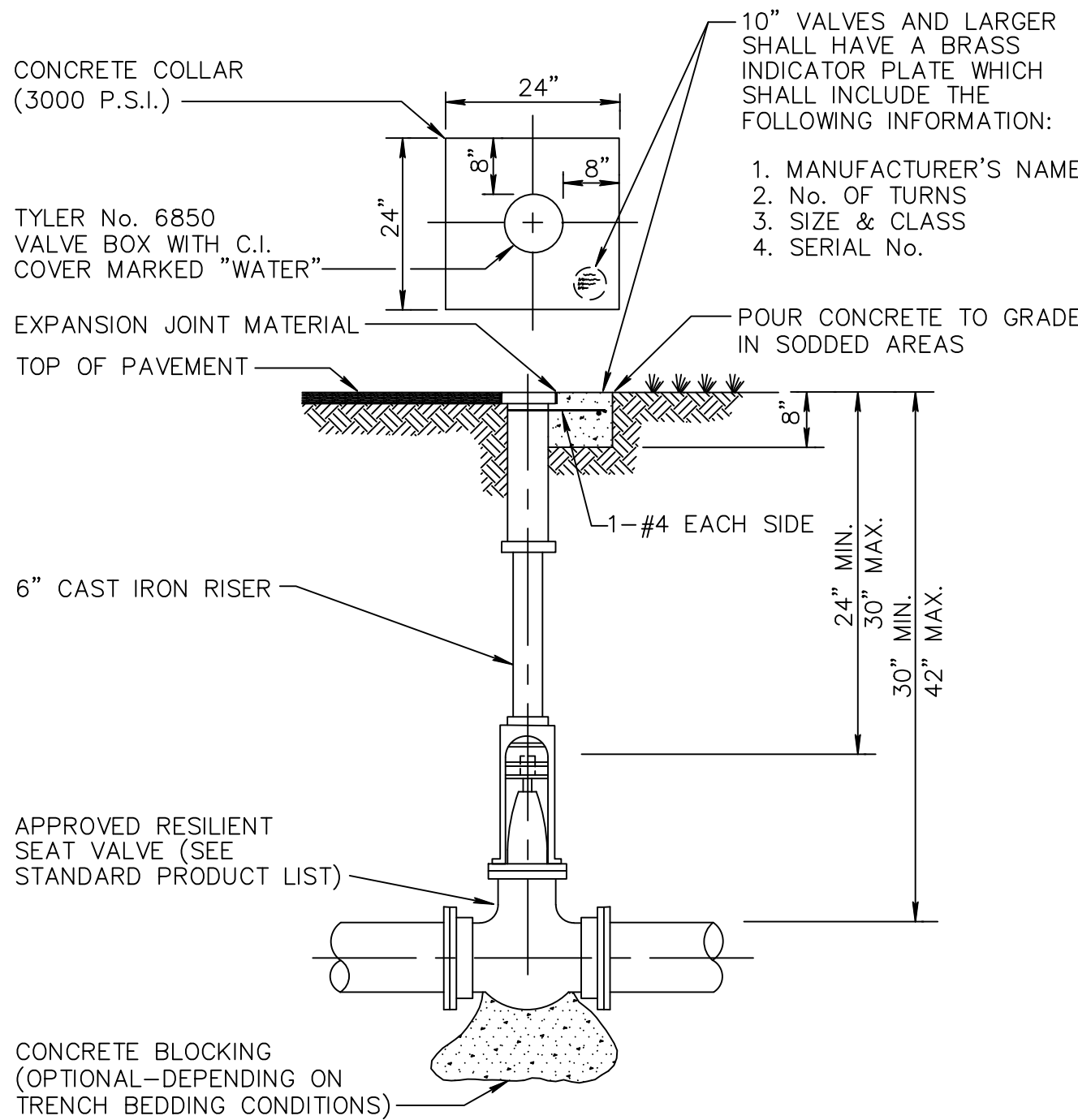
TYPICAL FIRE HYDRANT INSTALLATION PW 5.1



NOTES:

- STORM AND SANITARY SEWERS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND WATER MAIN JOINTS ARE EQUIDISTANT FROM POINT OF CROSSING WITH NO LESS THAN (10) FEET BETWEEN ANY TWO JOINTS AND BOTH PIPES SHALL BE D.I.P., AND THE MINIMUM VERTICAL SEPARATION SHALL BE 6 INCHES. WHERE THERE IS NO ALTERNATIVE TO SEWER PIPES CROSSING OVER A WATER MAIN, THE CRITERIA FOR MINIMUM 18" VERTICAL SEPARATION BETWEEN LINES AND JOINT ARRANGEMENT, AS STARTED ABOVE, SHALL BE REQUIRED AND BOTH PIPES SHALL BE CLASS 52 D.I.P. IRRESPECTIVE OF SEPARATION. D.I.P. IS NOT REQUIRED FOR STORM SEWERS.
- MAINTAIN (10) FEET HORIZONTAL DISTANCE BETWEEN WATER MAIN AND STORM OR SANITARY SEWER MAIN, AS A MINIMUM.
- FORCE MAIN CROSSING WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND THE OUTSIDE OF THE WATER MAIN WITH WATER MAIN CROSSING OVER FORCE MAIN.
- SEWER SERVICE LATERALS SHALL CROSS UNDER WATERMAINS WITH A MINIMUM VERTICAL SEPARATION OF EIGHTEEN (18) INCHES. IF EIGHTEEN (18) INCHES VERTICAL SEPARATION CANNOT BE MAINTAINED, THEN THE WATERMAIN SHALL BE D.I.P. AND THE SANITARY LATERAL C-900 SDR18 OR BETTER AND THE MINIMUM SEPARATION SHALL BE SIX (6) INCHES.
- WHEN IT IS NOT POSSIBLE FOR THE WATER MAIN TO CROSS OVER THE SEWER SERVICE LATERAL A MINIMUM VERTICAL SEPARATION OF AT LEAST TWELVE (12) INCHES MUST BE MAINTAINED. THE WATERMAIN SHALL BE D.I.P. AND THE SEWER LATERAL SHALL BE C-900 SDR-18 OR BETER.

WATER MAIN & SEWER CONFLICT DETAIL PW 2.1



NOTES:

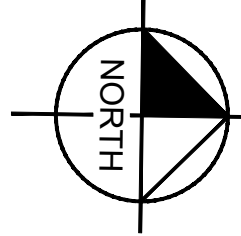
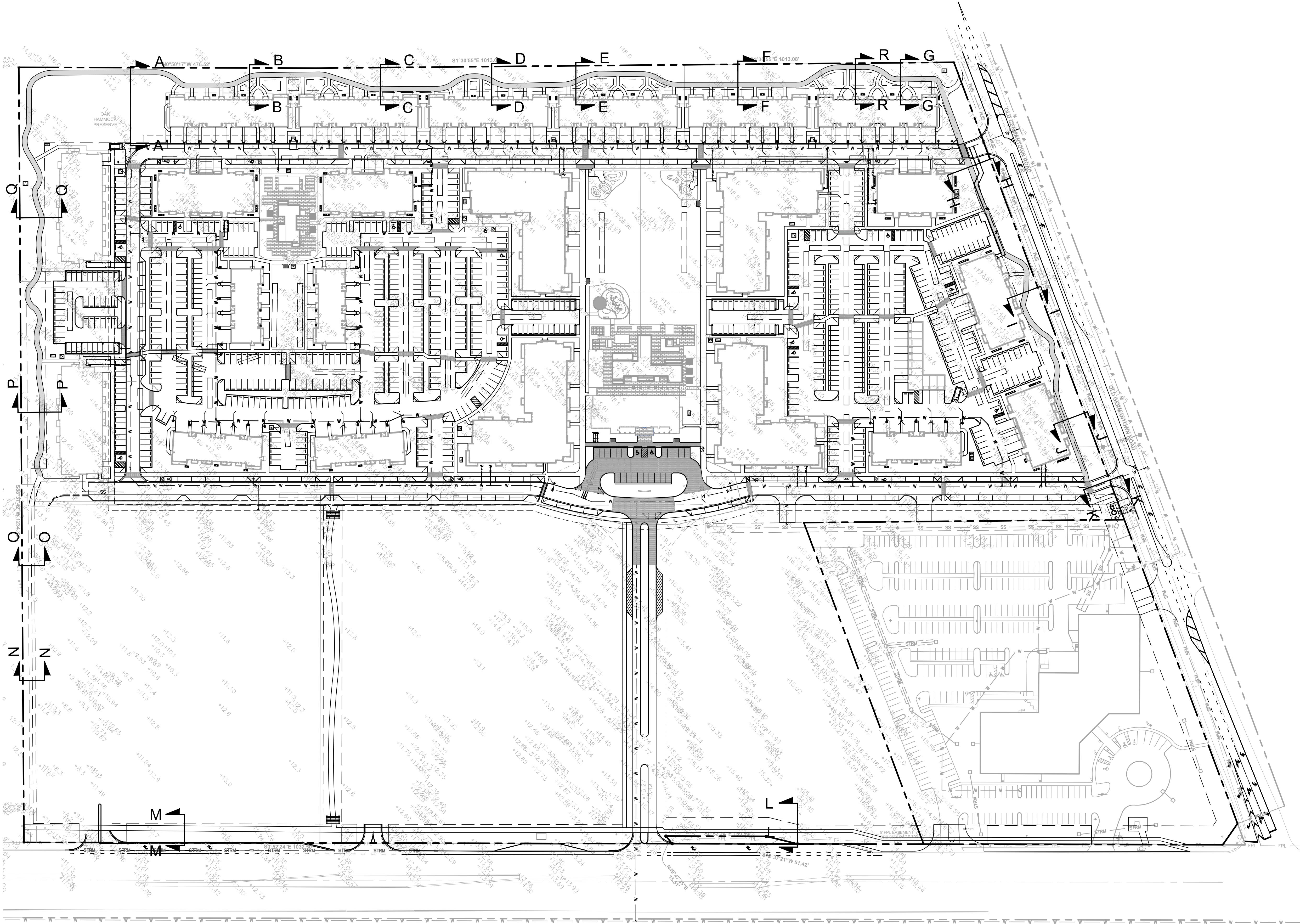
- CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS
- WHEN VALVE IS DEEPER THAN 30" AN EXTENSION WITH UNIVERSAL JOINT SHALL BE REQUIRED TO BRING OPERATING NUT 24"-30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS SHALL BE 316 STAINLESS STEEL. A 316 STAINLESS STEEL CENTERING PLATE SHALL ALSO BE REQUIRED.
- AT DEAD END OR WHERE MAIN LINES CHANGE DIRECTION, VALVES SHALL BE RESTRAINED USING "MEGALUGS", TIERODS, OR OTHER APPROVED RESTRAINT.

TYPICAL GATE VALVE DETAIL
4" THRU 12" PW 3.1

KHA PROJECT 140248002		DATE NOV. 2020		SCALE AS SHOWN		DESIGNED BY JRF		DRAWN BY JRF		CHECKED BY MDS		DATE -----	
MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776												DATE -----	
KIMLEY»Horn												REVISIONS	
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1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS FLORIDA												DATE	
SHEET NUMBER C6.13												BY	

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GRAPHIC SCALE IN FEET
0 40 80 160

1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
FLORIDA
DELRAY BEACH

PERIMETER
SECTIONS

KHA PROJECT
140248002
DATE
NOV. 2020
SCALE AS SHOWN
DESIGNED BY JRF
DRAWN BY JRF
CHECKED BY MDS
DATE: _____

LICENSED PROFESSIONAL

MICHAEL D. SPRUCE, P.E.
FLORIDA LICENSE NUMBER
52776

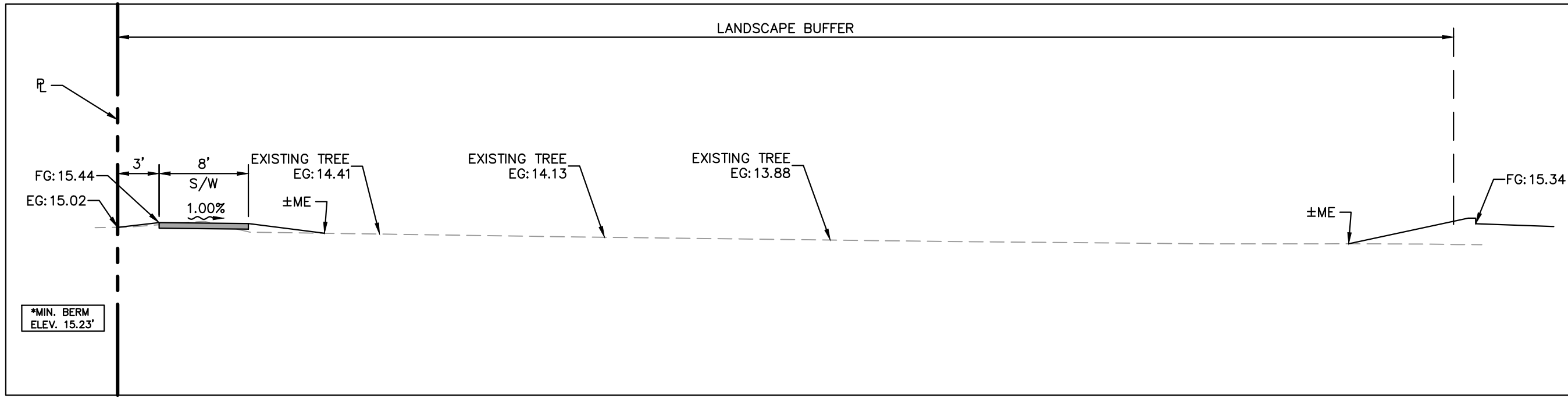
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REVISIONS

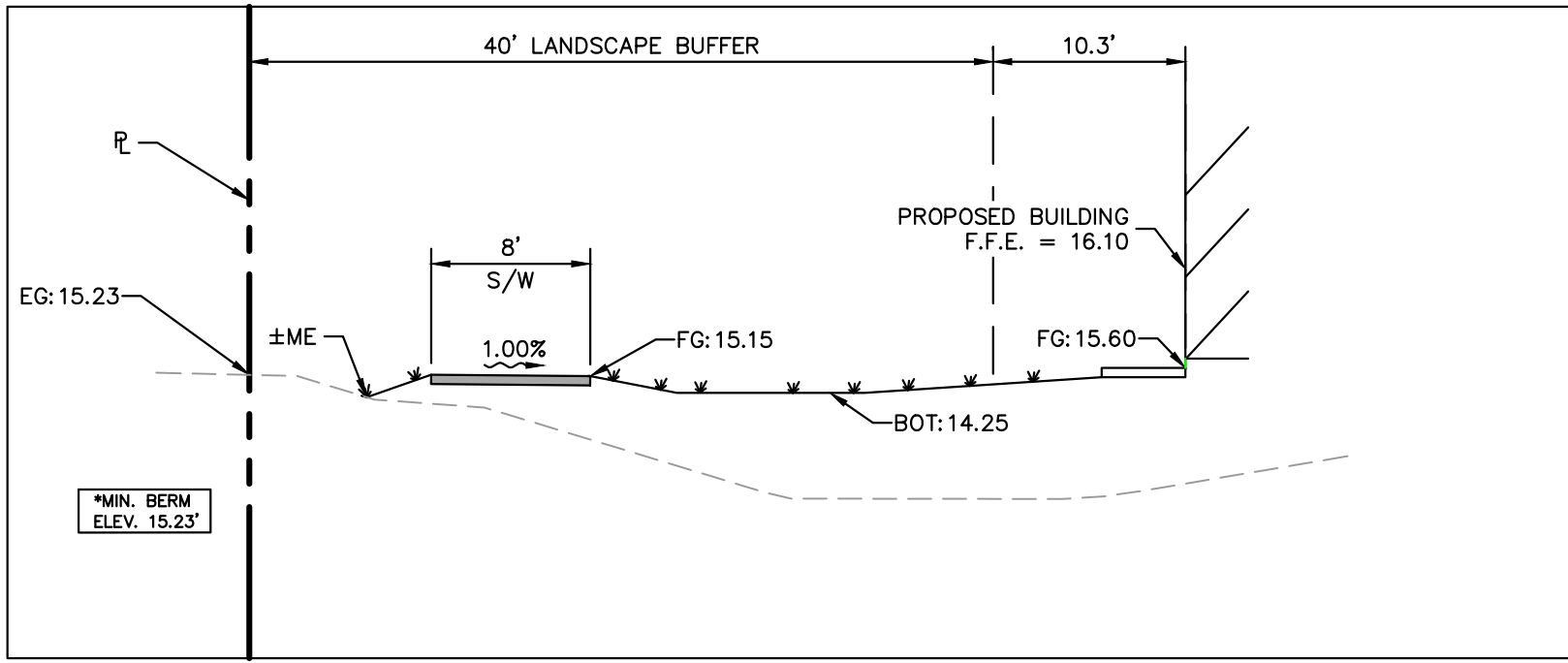
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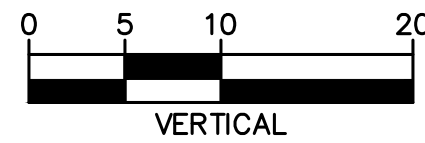
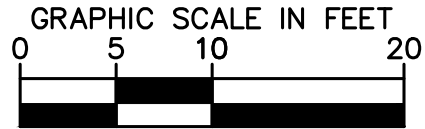
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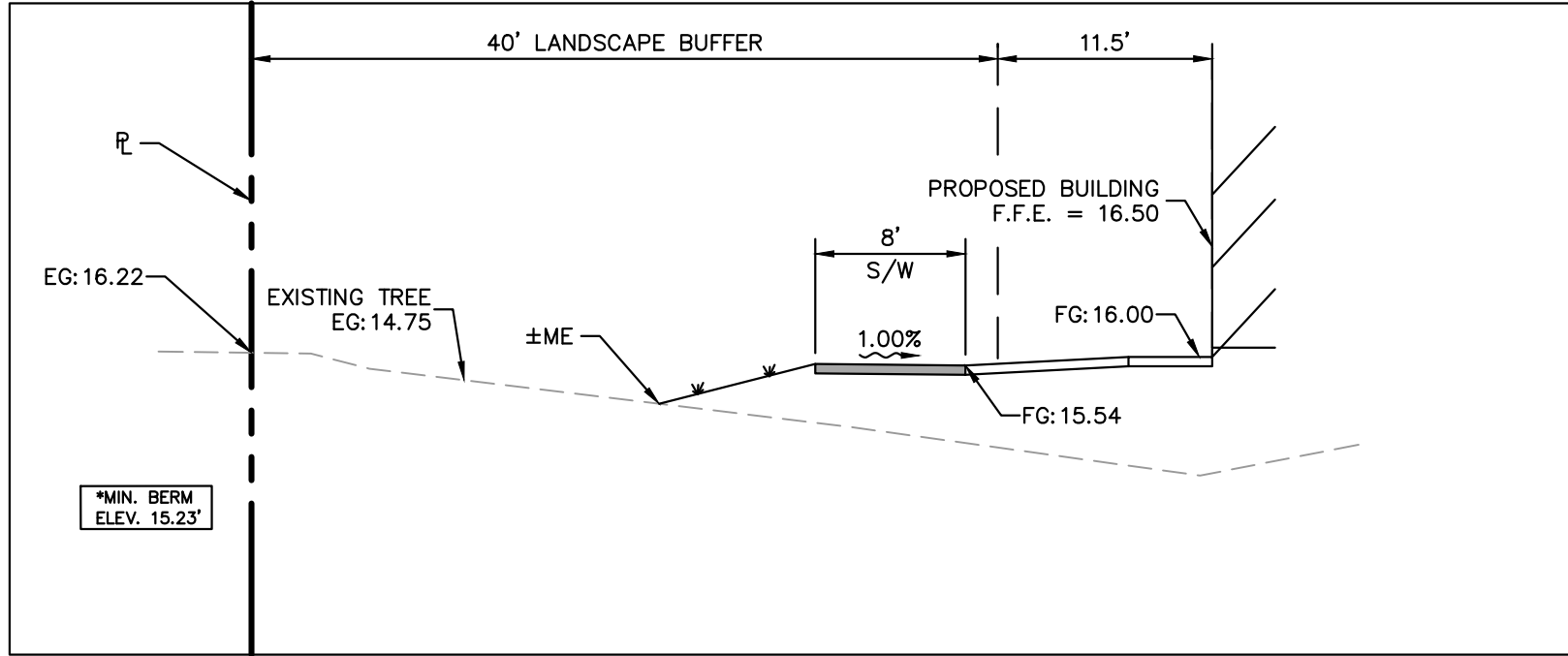
SECTION A-A



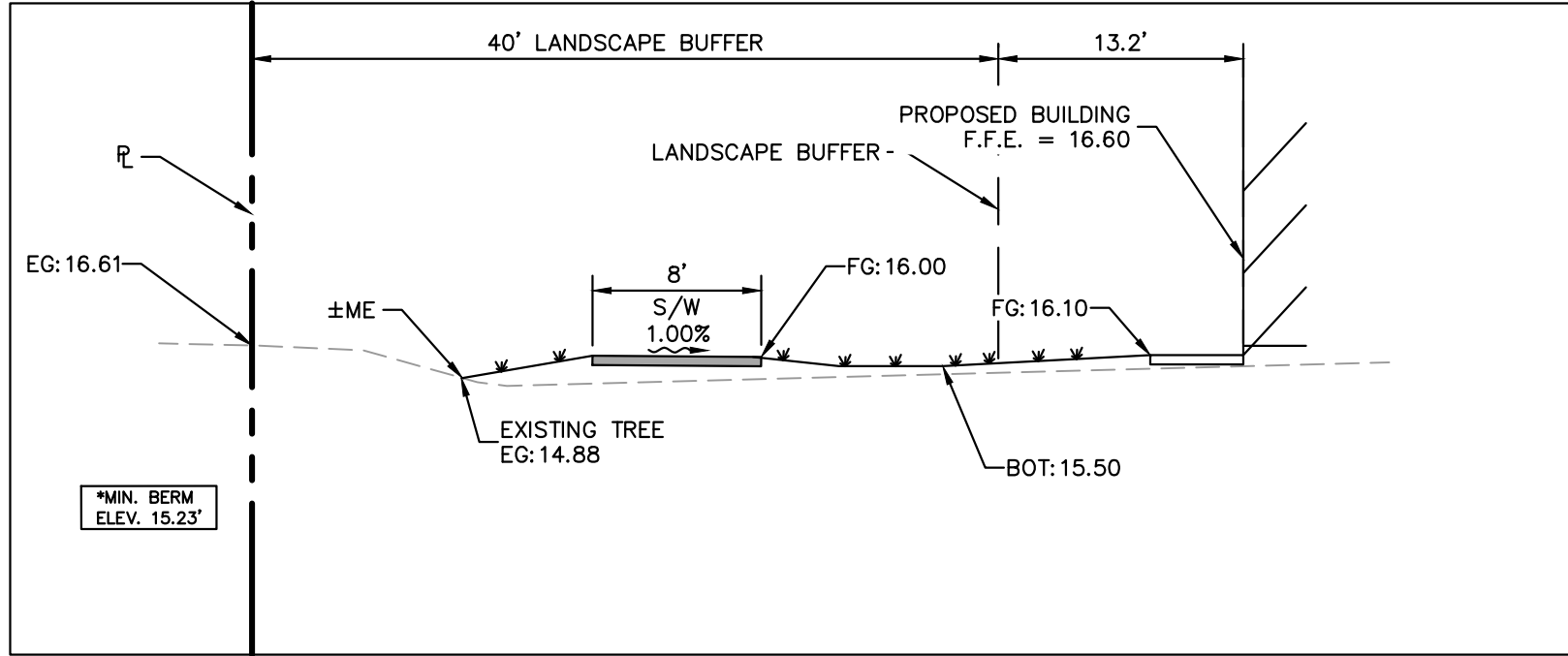
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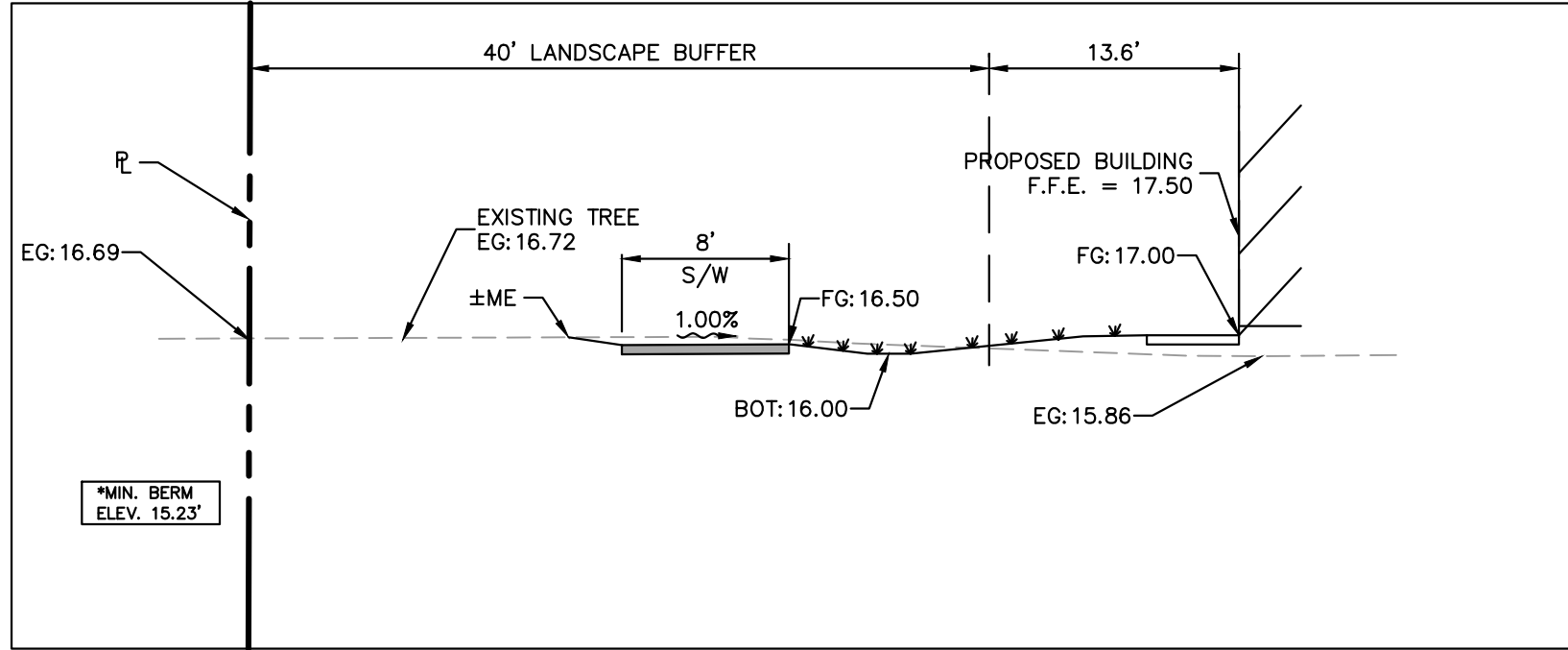
NOTE: FINAL GRADES ARE TO TOP OF SOD, CONTRACTOR TO HOLD DOWN MIN. 2.5" ON DIRT.



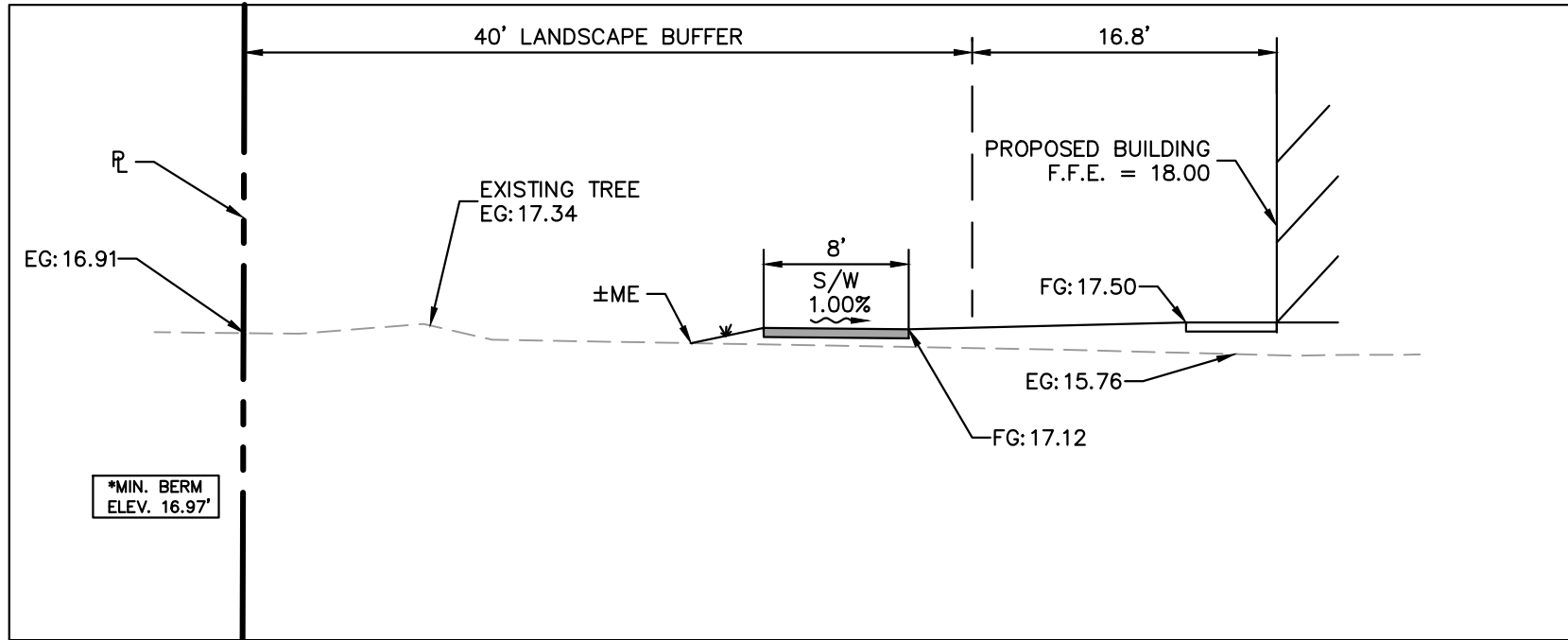
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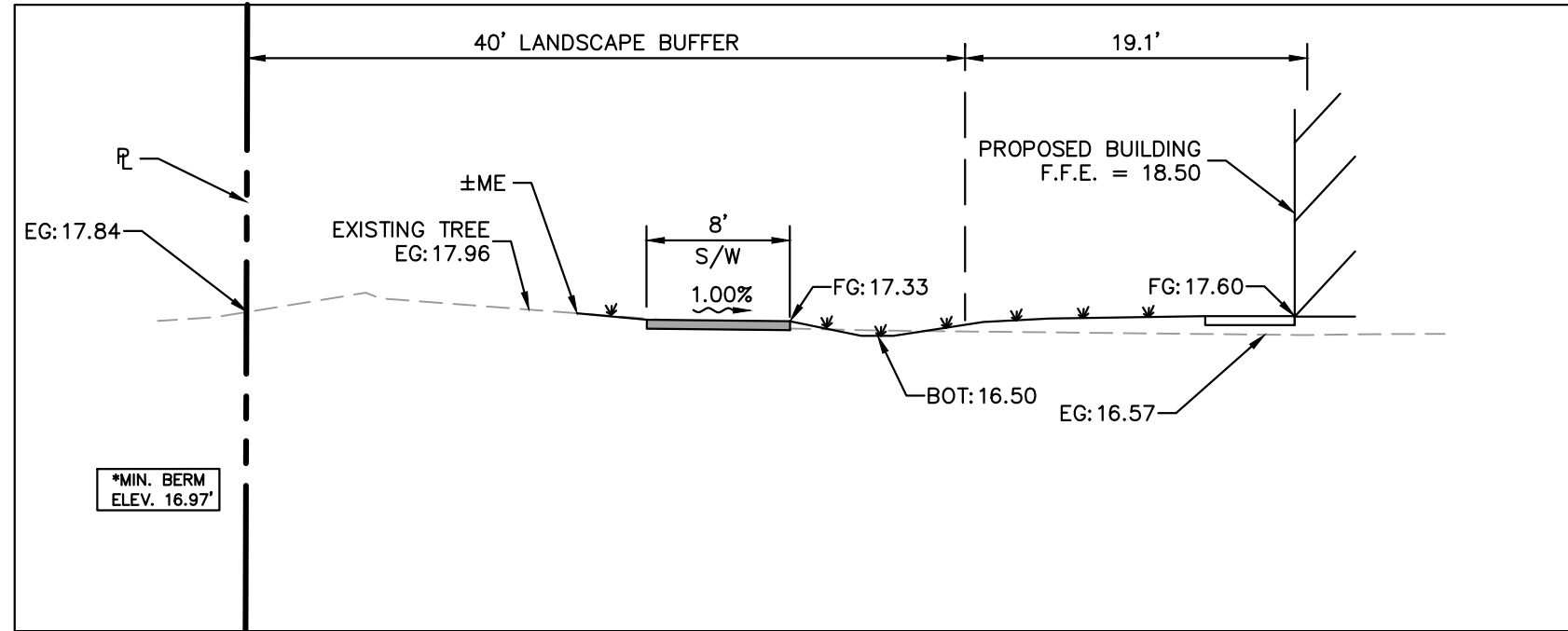
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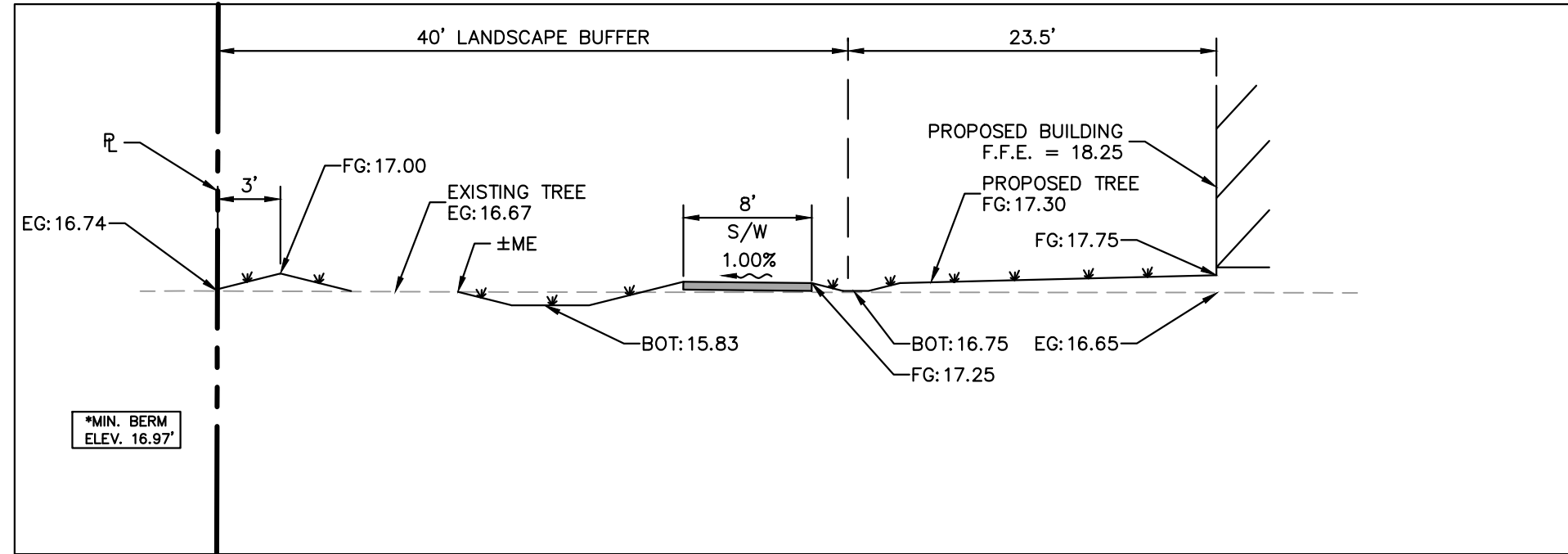
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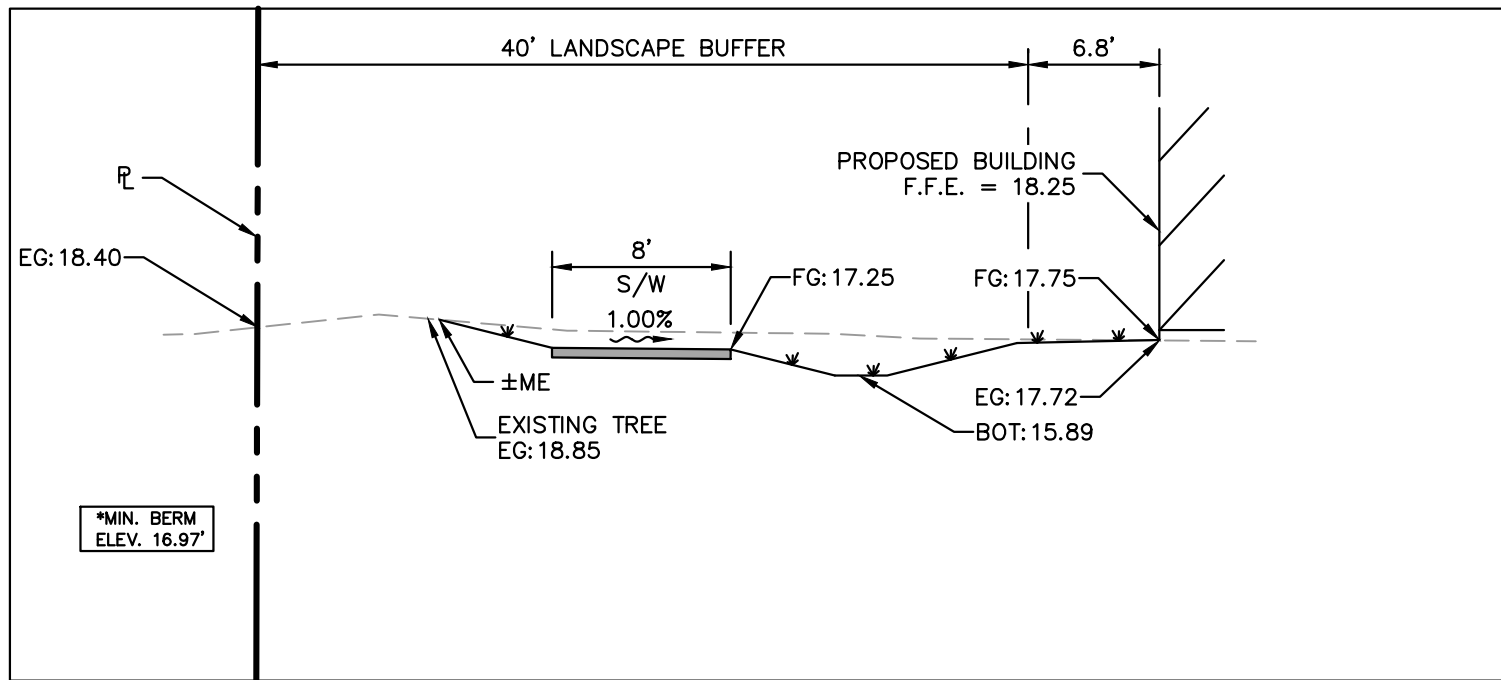
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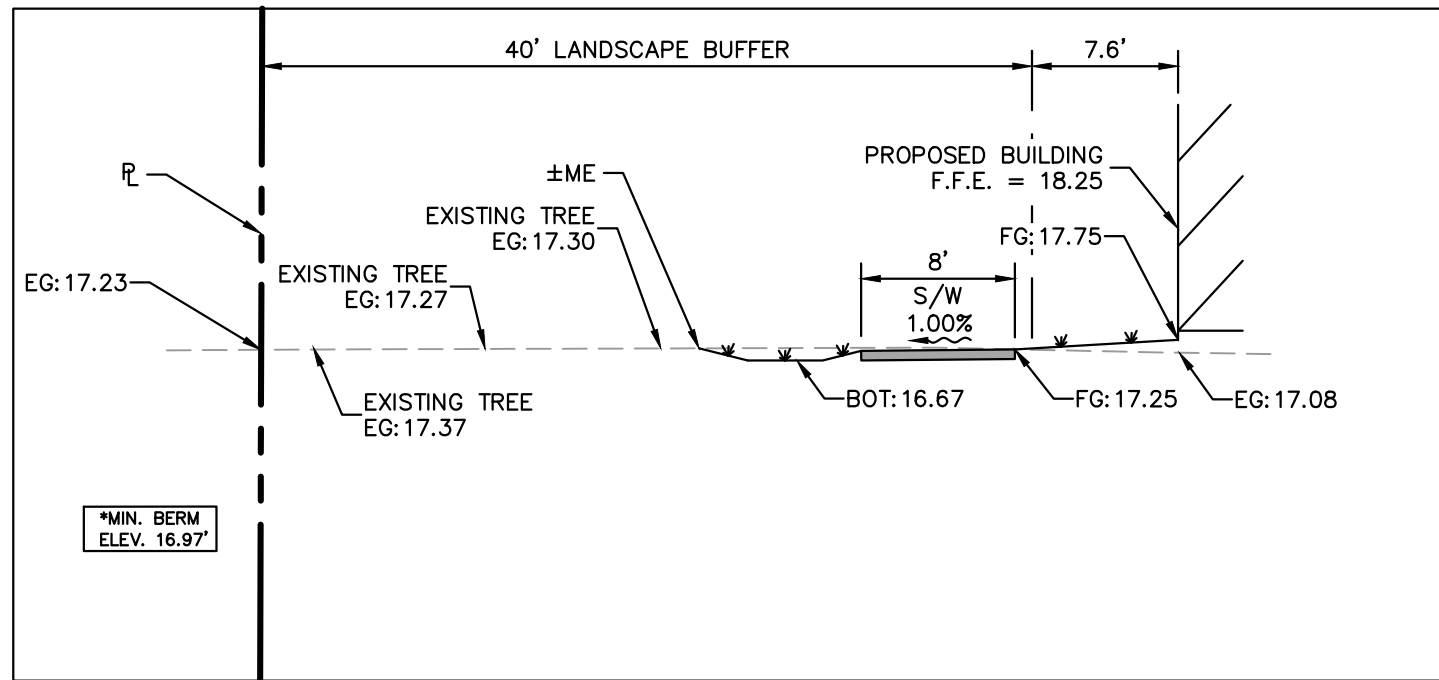
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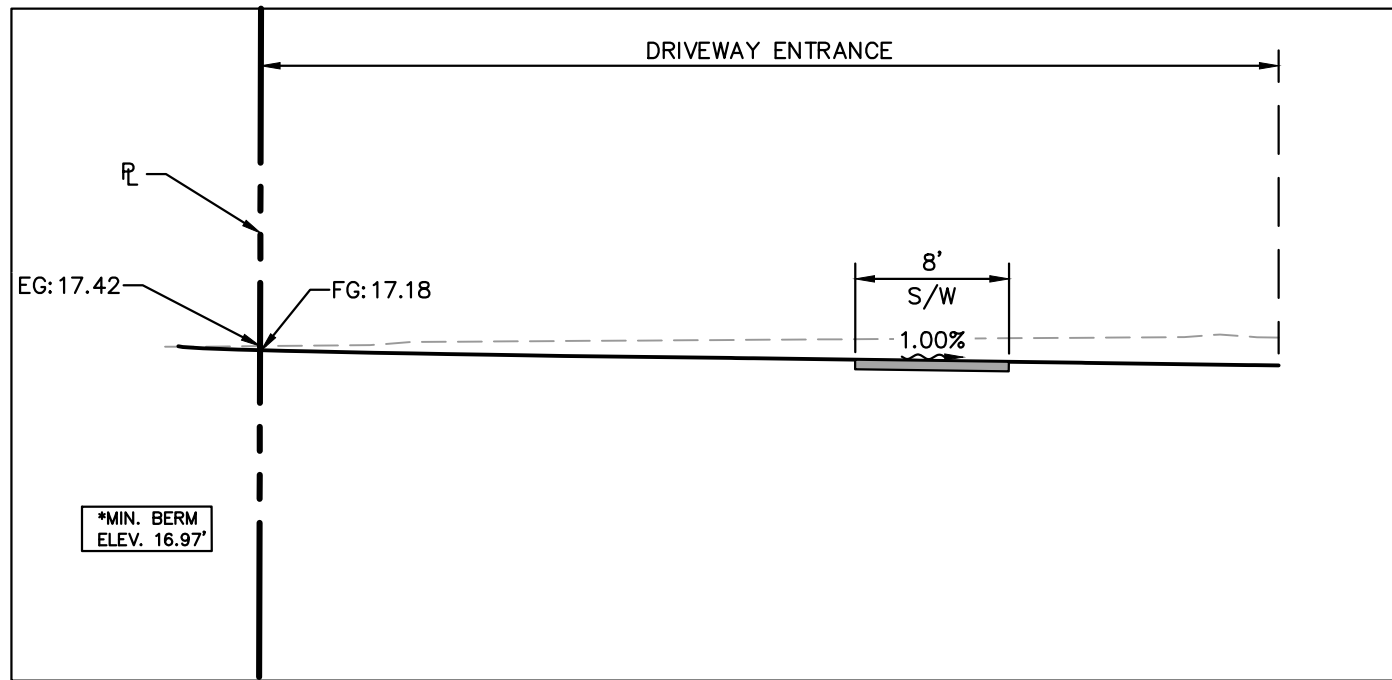
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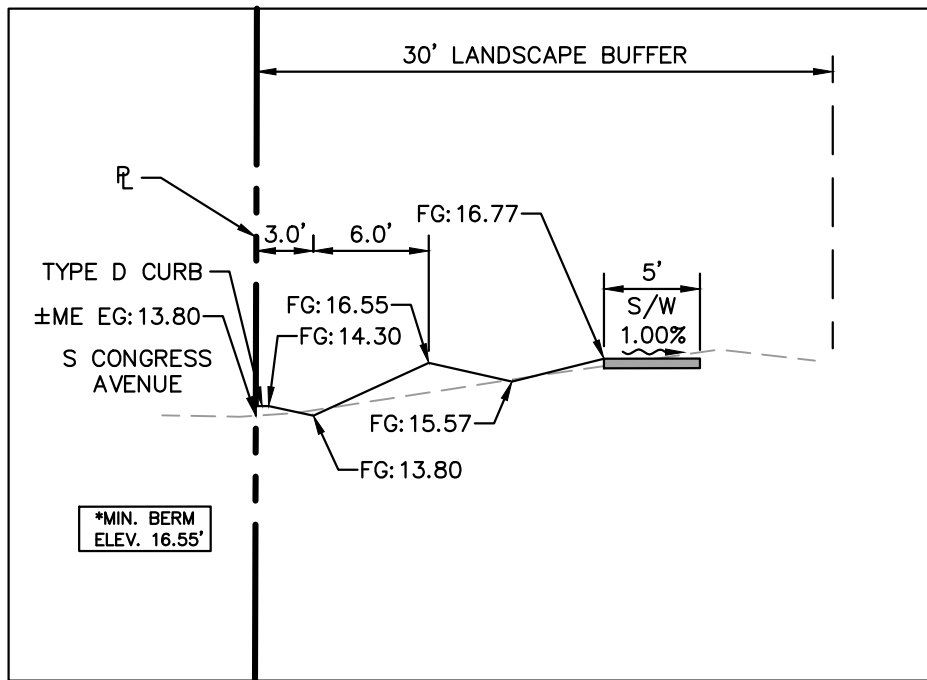
SECTION I-I



SECTION J-J



SECTION K-K



SECTION L-L

No.	REVISIONS	DATE	BY

Kimley»Horn

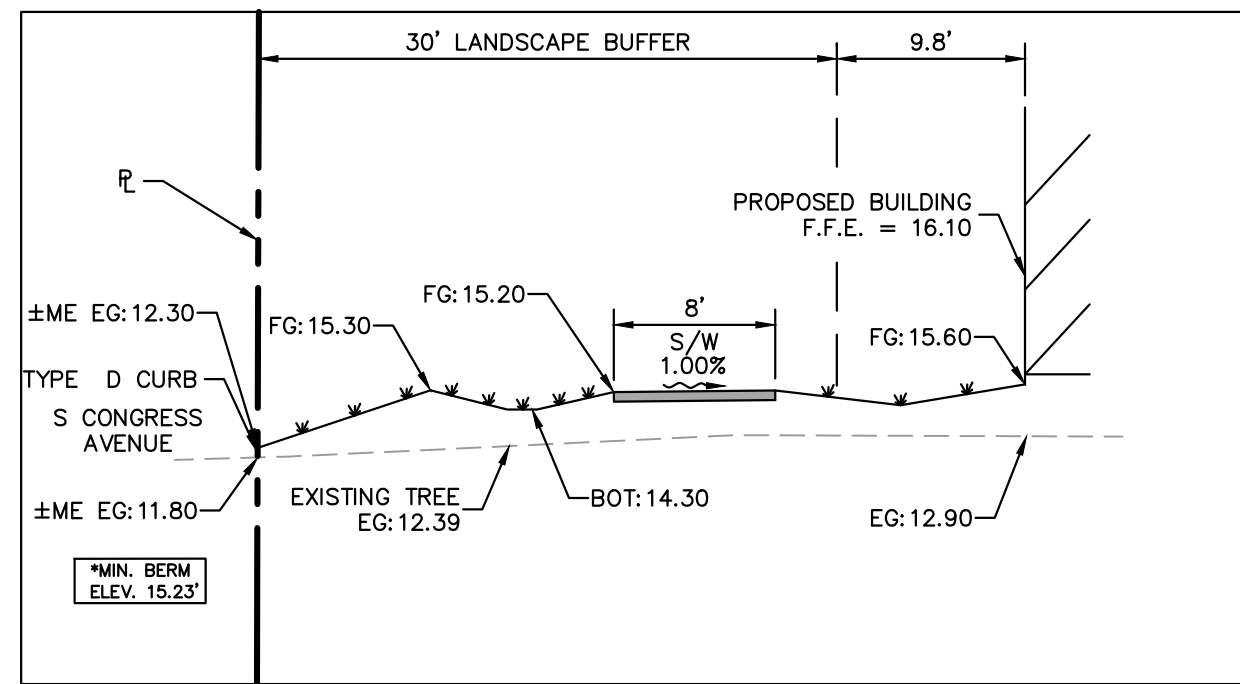
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1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445
PHONE: 561-330-2345 FAX: 561-863-8175
WWW.KIMLEY-HORN.COM CA 0000696

KHA PROJECT 140248002	LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E.
DATE NOV. 2020	FLORIDA LICENSE NUMBER 52776
SCALE AS SHOWN	DATE -----
DESIGNED BY JRT	CHECKED BY MDS
DRAWN BY JRT	

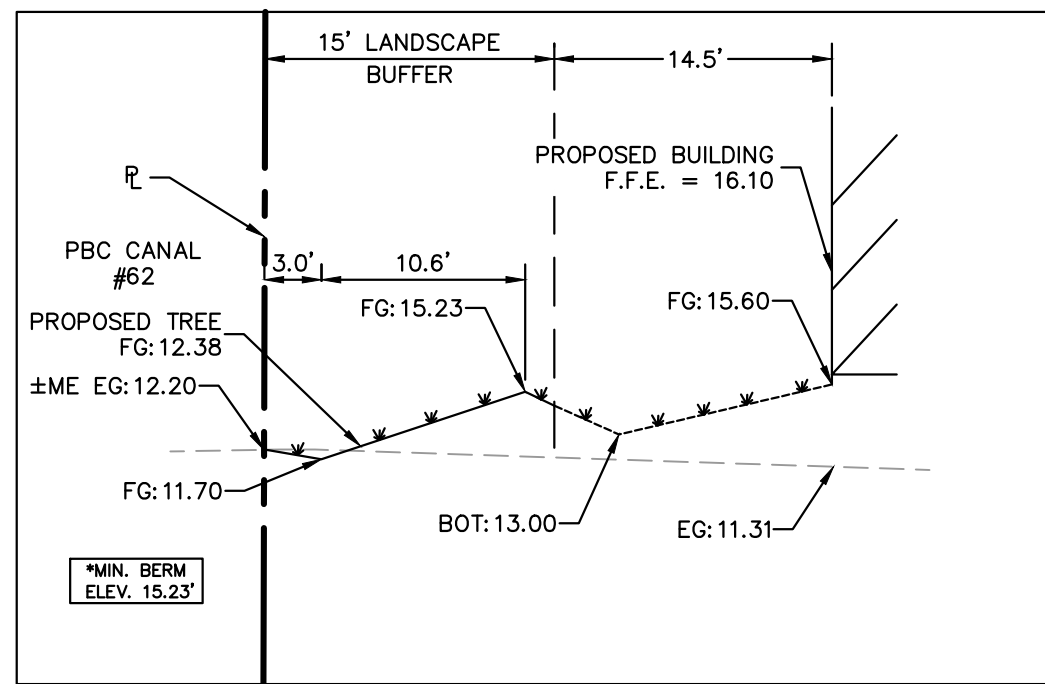
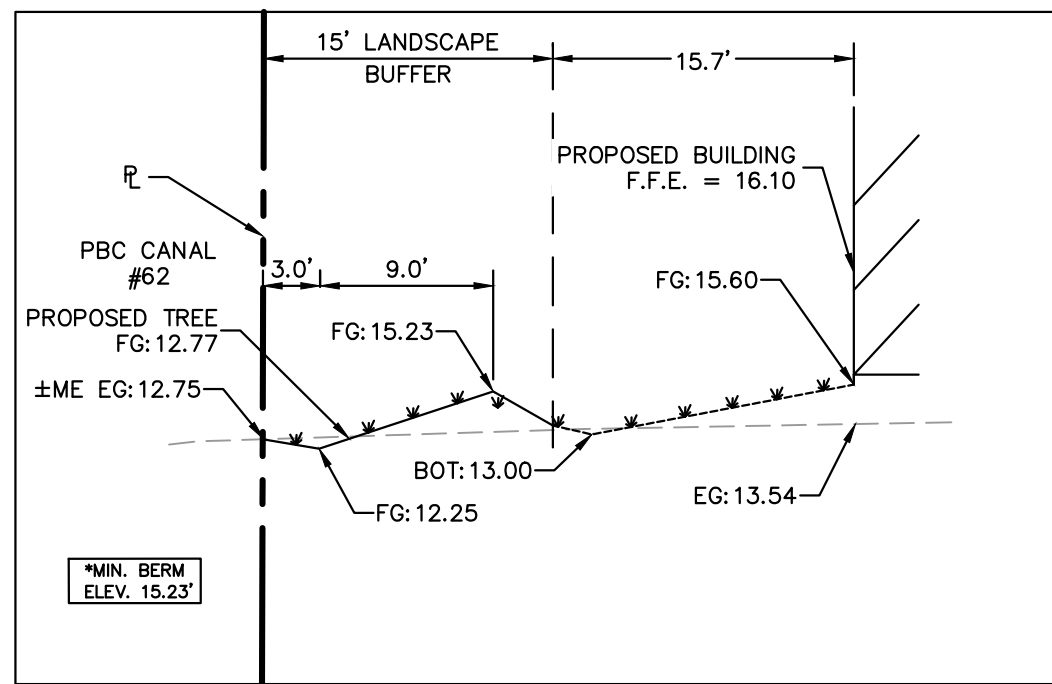
**PERIMETER
SECTIONS**

**1690 - 2350 S.
CONGRESS AVENUE**
PREPARED FOR
13TH FLOOR INVESTMENTS
FLORIDA
DELRAY BEACH

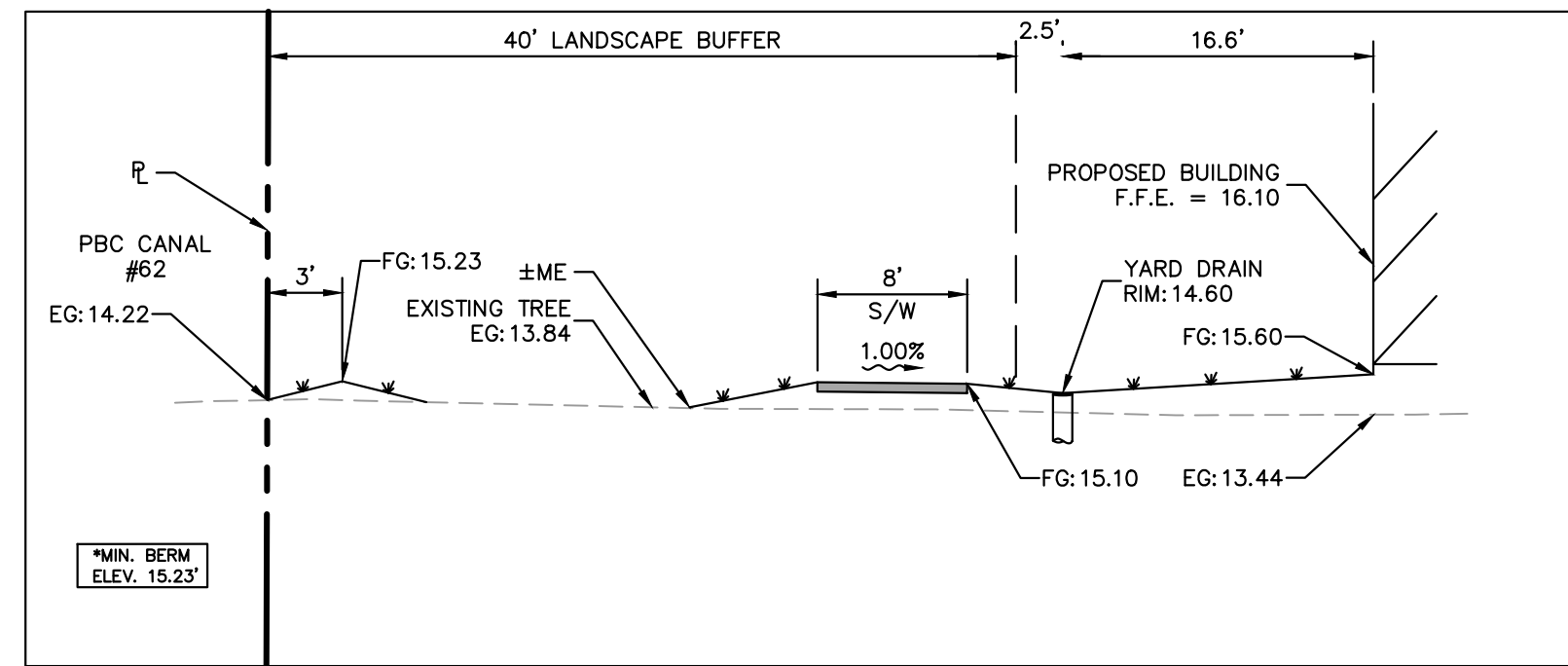
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C8.02



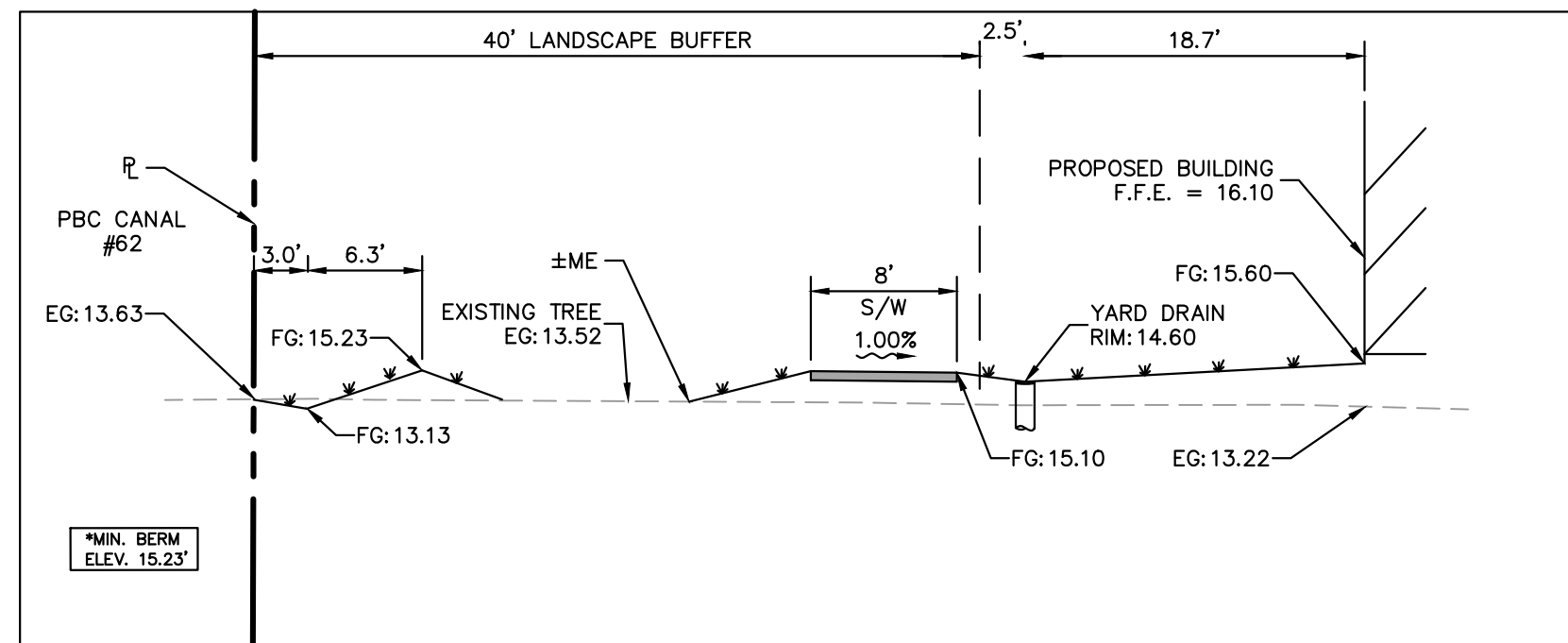
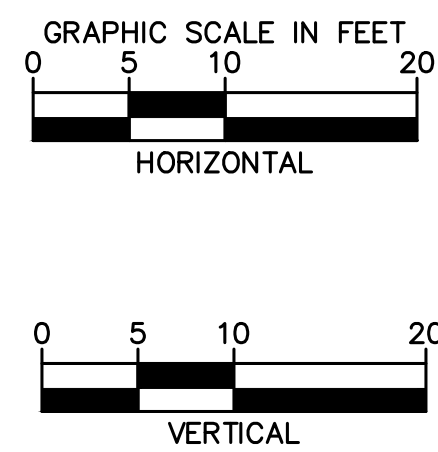
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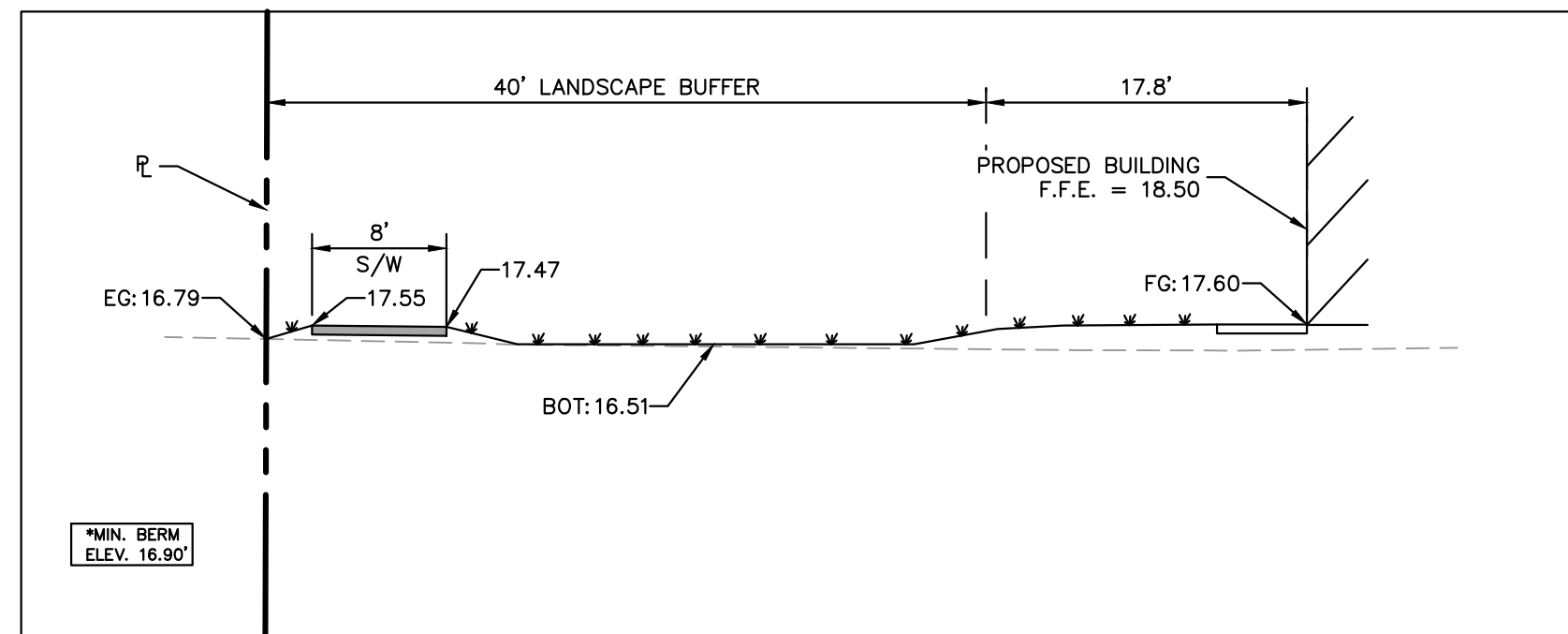
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SECTION P-P



SECTION Q-Q

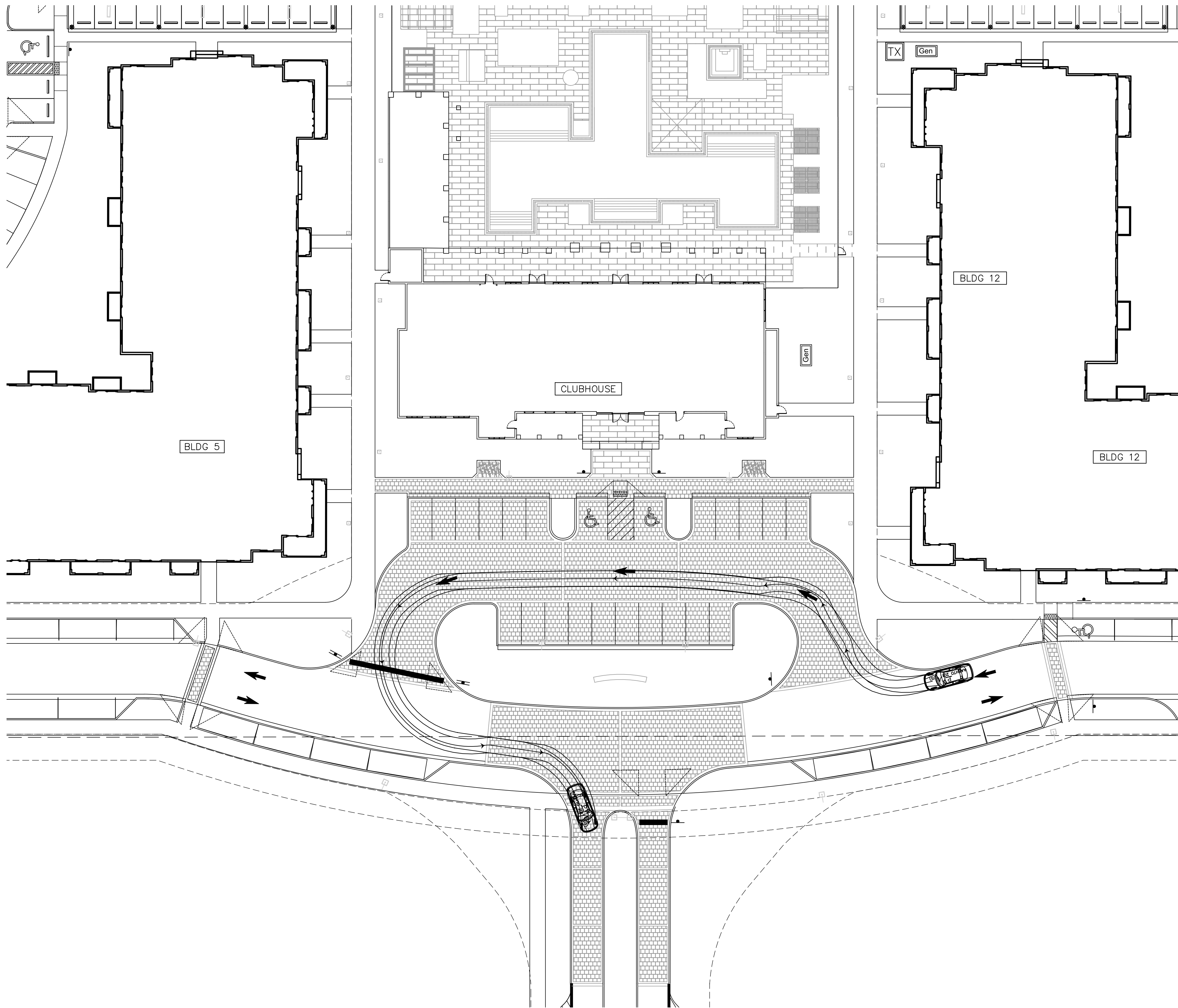


SECTION R-R

NOTE: FINAL GRADES ARE TO TOP
OF SOD, CONTRACTOR TO HOLD
DOWN MIN. 2.5" ON DIRT.

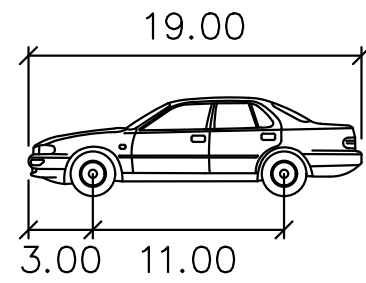
1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA		PERIMETER SECTIONS		KHA PROJECT 140248002	LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776	Kimley»»Horn © 2020, KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE, SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696	No. _____ DATE _____ REVISIONS _____ BY _____
				DATE NOV 2020			
				SCALE AS SHOWN DESIGNED BY JRF			
				DRAWN BY JRF			
				CHECKED BY MDS	DATE: _____		

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LEGEND

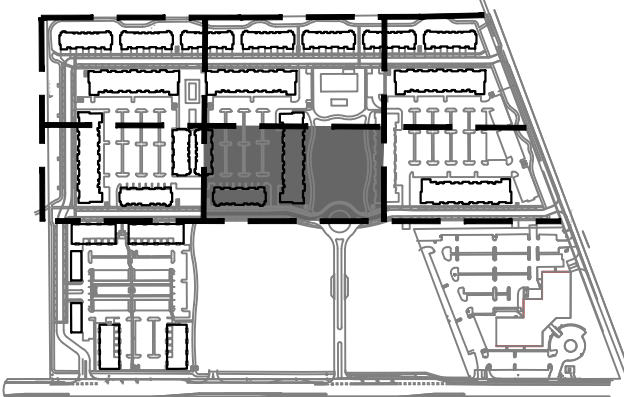
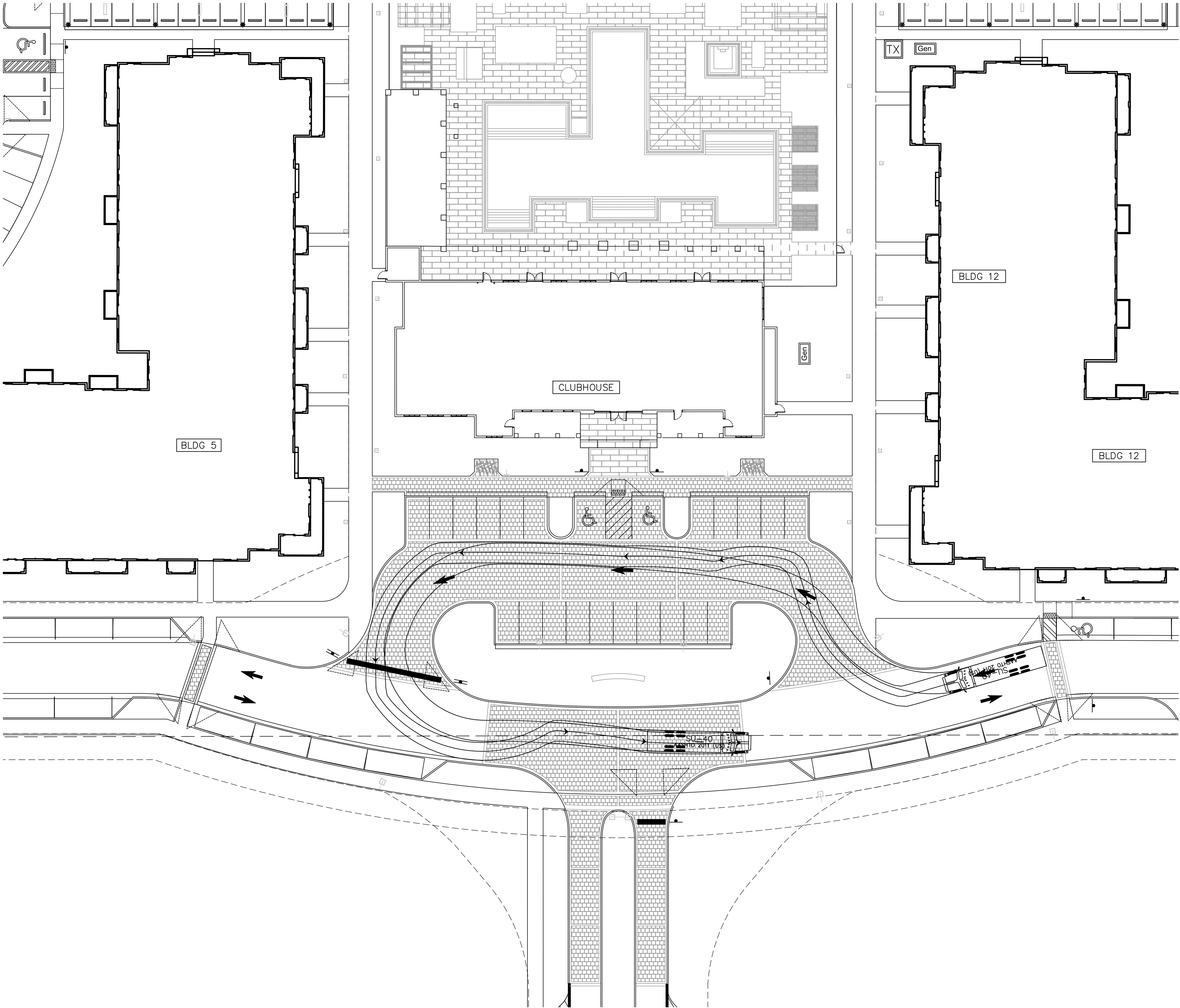
===== PROPERTY LINE



P

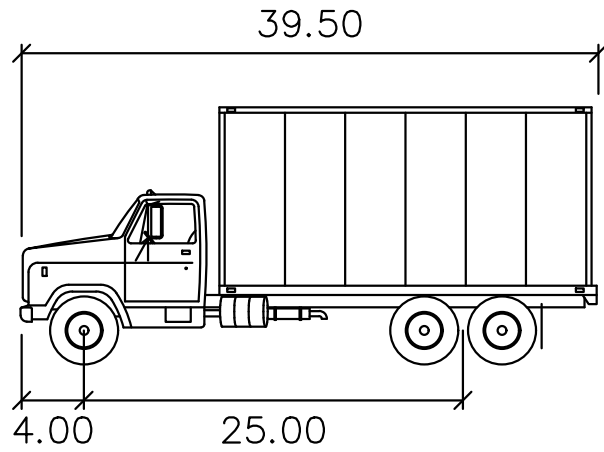
	feet
Width	: 7.00
Track	: 6.00
Lock to Lock Time	: 6.0
Steering Angle	: 31.6

1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA		AUTOTURN PLAN		KHA PROJECT 140248002		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776		Kimley»»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE., SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		No. _____ DATE _____ REVISIONS _____ BY _____	
SHEET NUMBER C9.00				SCALE AS SHOWN DESIGNED BY JVP DRAWN BY BJC		DATE NOV 2020					
				CHECKED BY _____ MDS _____							



LEGEND

--- PROPERTY LINE



SU-40

feet

Width : 8.00
Track : 8.00
Lock to Lock Time : 6.0
Steering Angle : 31.8

1690 - 2350 S.
CONGRESS AVENUE
PREPARED FOR
13TH FLOOR INVESTMENTS
DELRAY BEACH
FLORIDA

SHEET NUMBER
C9.02

AUTOTURN PLAN

KHA PROJECT
140248002
DATE
NOV. 2020
SCALE AS SHOWN
DESIGNED BY JVP
DRAWN BY B/J
CHECKED BY MDS
DATE: _____

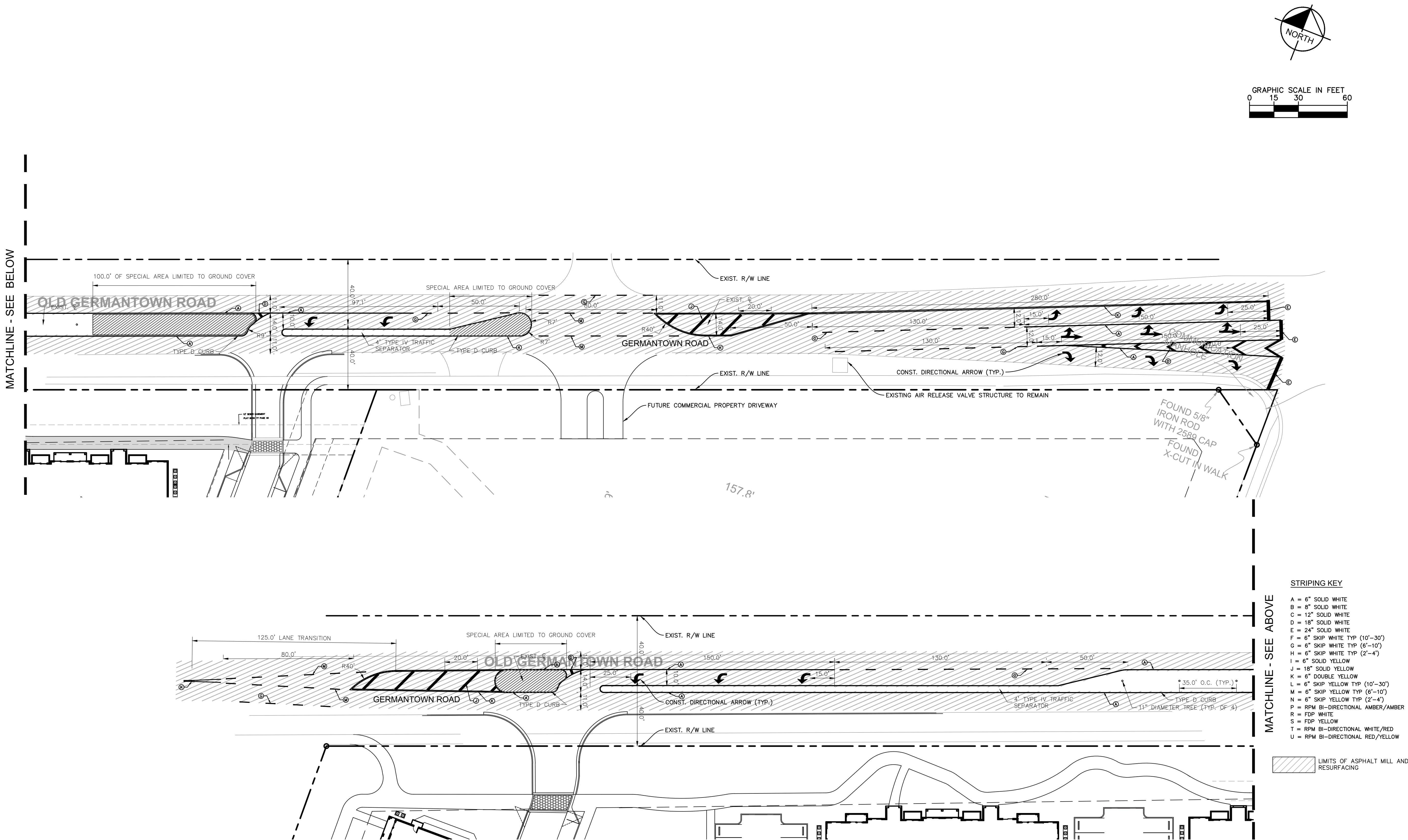
LICENSED PROFESSIONAL
MICHAEL D. SPRUCE, P.E.
FLORIDA LICENSE NUMBER
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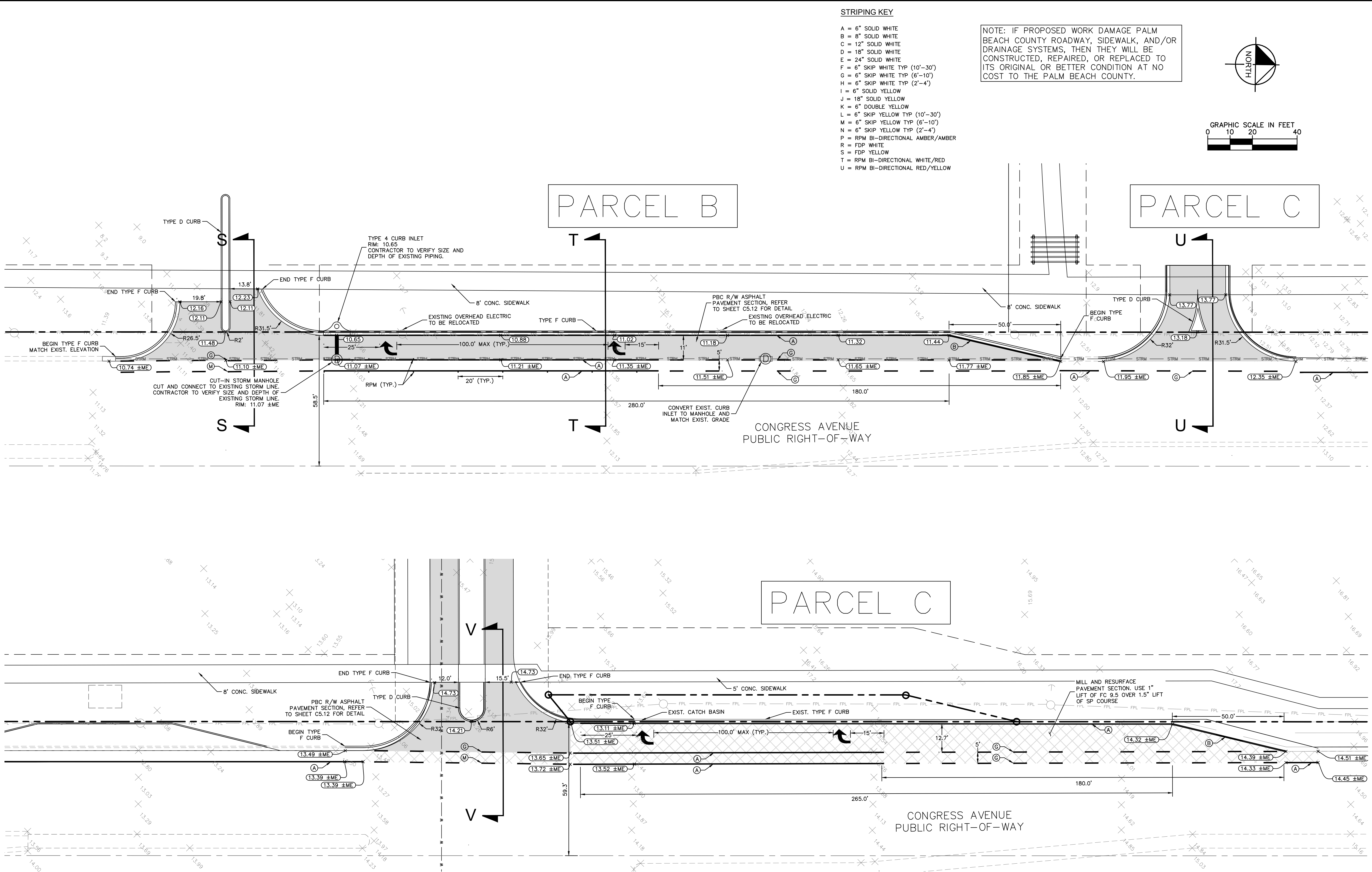
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SHEET NUMBER C12.00		1690 - 2350 S. CONGRESS AVENUE PREPARED FOR 13TH FLOOR INVESTMENTS DELRAY BEACH FLORIDA		GERMANTOWN ROAD PLAN		KHA PROJECT 140248002 DATE FEB. 2019 SCALE AS SHOWN DESIGNED BY JVP DRAWN BY BJG CHECKED BY MDS		LICENSED PROFESSIONAL MICHAEL D. SPRUCE, P.E. FLORIDA LICENSE NUMBER 52776 DATE:		© 2019 KIMLEY-HORN AND ASSOCIATES, INC. 1615 S CONGRESS AVE., SUITE 201, DELRAY BEACH, FL 33445 PHONE: 561-330-2345 FAX: 561-863-8175 WWW.KIMLEY-HORN.COM CA 00000696		Kimley»Horn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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C13.00		PREPARED FOR		13TH FLOOR INVESTMENTS		TURN LANE PLAN		140248002		MICHAEL D. SPRUCE, P.E.											
FLORIDA		DELRAY BEACH		SCALE AS SHOWN		DESIGNED BY		FLORIDA LICENSE NUMBER		DATE:		52776		CHECKED BY		MDS					
						JVP															
						DRAWN BY		B/C													