

# FINAL ENGINEERING PLANS FOR EDGEMONT

**PROJECT TEAM MEMBERS:**

**OWNER:**  
LAKE COUNTY DREAMCATCHER LLC  
8605 WHISPERING WILLOW CT  
ORLANDO, FL 32835

**ENVIRONMENTAL:**  
ECOLOGICAL CONSULTING SOLUTIONS, INC.  
235 HUNT CLUB BOULEVARD, SUITE 202  
LONGWOOD, FL 32779  
PHONE: (407) 869-9434

**DEVELOPER:**  
DR HORTON, INC.  
6200 LEE VISTA BLVD. SUITE 400  
ORLANDO, FL 32822  
PHONE: (407) 246-9834

**SURVEYOR:**  
KPM FRANKLIN  
1012 EMMETT STREET  
KISSIMEE, FL 34741  
PHONE: (407) 846-1216

**ENGINEER:**  
MADDEN, MOORHEAD, & STOKES, LLC.  
431 E. HORATIO AVE., STE 260  
MAITLAND, FL 32751  
PHONE: (407) 629-8330

**GEOTECHNICAL:**  
UNIVERSAL ENGINEERING SCIENCES  
3532 MAGGIE BLVD.  
ORLANDO, FL 32811  
PHONE: (407) 423-0504

**UTILITY PROVIDERS:**

**WATER & WASTE WATER:**  
UTILITIES INC. OF FLORIDA  
200 WEATHERSFIELD AVENUE  
ALTA MONTE SPRINGS, FL 32714  
PHONE: (321) 972-0360

**CABLE:**  
SPECTRUM  
3767 ALL AMERICAN BLVD.  
ORLANDO, FL 32810  
PHONE: (407) 532-8509

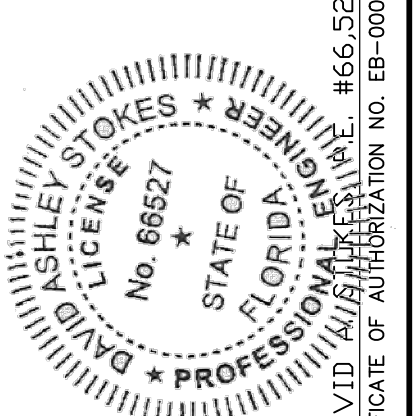
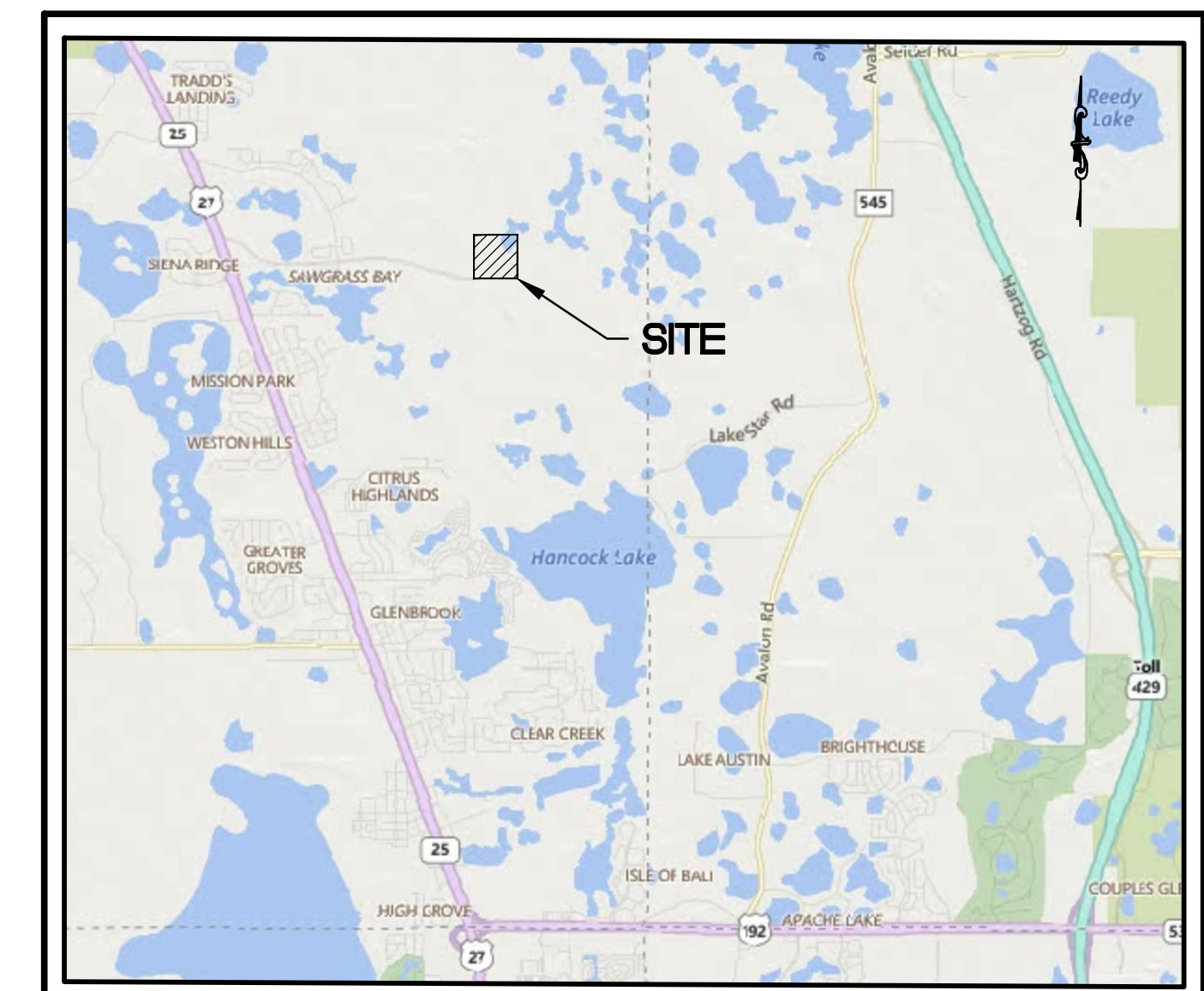
**PHONE:**  
CENTURYLINK  
33 N. MAIN STREET  
WINTER GARDEN, FL 34787  
PHONE: (407) 814-5329

**GAS:**  
TECO ENERGY  
600 W. ROBINSON ST.  
ORLANDO, FL 32801  
PHONE: (407) 420-6663

**POWER:**  
SECO ENERGY  
330 SOUTH US HIGHWAY 301  
SUMTERVILLE, FL 33585  
PHONE: (352) 569-9639

## VICINITY MAP

SCALE: 1" = 500'



**LEGAL DESCRIPTION PER TITLE COMMITMENT:**

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF LAKE, STATE OF FLORIDA, AND DESCRIBED AS FOLLOWS:

THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 26 EAST, LAKE COUNTY, FLORIDA.

TOGETHER WITH DECLARATION OF ACCESS EASEMENT AND SECOND MODIFICATION TO ROADWAY EASEMENT AGREEMENTS RECORDED NOVEMBER 4, 2004 IN OFFICIAL RECORDS BOOK 2690, PAGE 2279 ALL OF THE PUBLIC RECORDS OF LAKE COUNTY, FLORIDA.

**LEGAL DESCRIPTION PER SURVEYOR:**

A PARCEL OF LAND LYING IN SECTION 13, TOWNSHIP 24 SOUTH, RANGE 26 EAST, LAKE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF SAID SECTION 13; THENCE, ALONG THE NORTH LINE OF SAID SECTION, NORTH 89°53'50" EAST, 1312.40 FEET TO THE NORTHEAST CORNER OF NORTHWEST 1/4 OF THE NORTHWEST 1/4 OF SAID SECTION 13; THENCE, ALONG THE EAST LINE OF SAID NORTHWEST 1/4 OF THE NORTHWEST 1/4, S00°15'25"W, 1326.78 FEET; THENCE, ALONG THE SOUTH LINE OF SAID NORTHWEST 1/4 OF THE NORTHWEST 1/4, S89°51'50"W, 1311.67 FEET; THENCE, ALONG THE WEST LINE OF SAID SECTION 13, N001°3'30"W, 1327.54 FEET TO THE POINT OF BEGINNING.

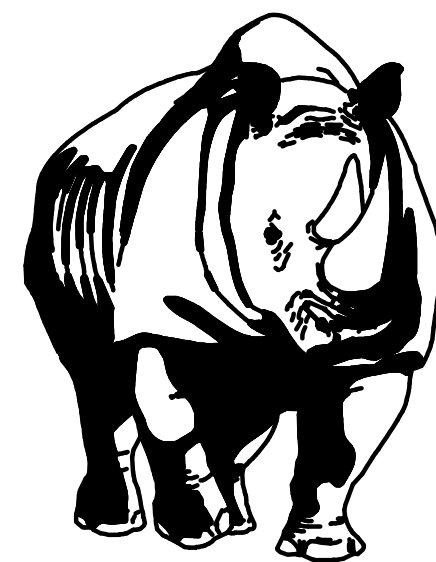
CONTAINING 39.97 ACRES MORES OR LESS.

**PARCEL ID:**  
**13-24-26-0002-000-00600**

**SECTION 13, TOWNSHIP 24 SOUTH, RANGE 26 EAST  
LAKE COUNTY, FLORIDA**

FOR

**DR HORTON, INC.**  
**6200 LEE VISTA BLVD. SUITE 400**  
**ORLANDO, FLORIDA 32822**  
**(407) 246-9834**



**MADDEN**  
**MOORHEAD & STOKES, LLC**  
**CIVIL ENGINEERS**

431 E. HORATIO AVENUE, SUITE 260  
MAITLAND, FLORIDA 32751  
PHONE (407) 629-8330  
FAX (407) 629-8336

## INDEX OF SHEETS

C001	COVER SHEET
SV01	BOUNDARY AND TOPO SURVEY
SV02	OFF-SITE TOPO SURVEY
C002	SYMBOLS AND ABBREVIATIONS
C003	GENERAL NOTES
C005 - C005.4	WETLAND IMPACT PLAN
C006	OVERALL SITE PLAN
C100 - C101	SITE/ GEOMETRY PLANS
C200 - C201	UTILITY PLANS
C300 - C301	DRAINAGE PLANS
C400 - C402	GRADING PLANS
C500 - C501	OFF-SITE PLANS
C601 - C605	PLAN & PROFILES
C700	EROSION CONTROL PLAN
C800	VEHICULAR CIRCULATION PLAN
C900 - C903	CONSTRUCTION DETAILS
C910 - C913	CITY DETAILS
C920 - C922	LIFT STATION DETAILS
L-100	TREE MITIGATION PLAN
L-200	OVERALL LAYOUT PLAN
L-201	LAYOUT PLAN
L-301	HARDSCAPE DETAILS
L-400	OVERALL LANDSCAPE PLAN
L-401	LANDSCAPE PLAN AND PLANT LIST
L-402	LANDSCAPE DETAILS AND NOTES
L-500	OVERALL IRRIGATION PLAN
L-501	IRRIGATION PLAN
L-502	IRRIGATION PLAN
L-503	IRRIGATION DETAILS AND NOTES
SL100	STREET LIGHTING PLAN
SL101	STREET LIGHTING DETAILS
PLAT SHEETS 1-8	PRELIMINARY PLAT

EDGEMONT (JOB. NO. 19058)

DAVID A. STOKES, P.E., #66,527  
CERTIFICATE OF AUTHORIZATION NO. EP-0007723

H:\data\19058\img\final\19058\_c001 - cover.dwg

GENERAL NOTES

- 1. ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE LATEST LOCAL...
2. ALL FDOT DESIGN INDICES ARE HEREBY INCORPORATED AS PLAN REFERENCES HEREIN...
3. THE LOCATIONS OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWER MAINS, GAS LINES, ETC., AS SHOWN ON THE PLANS...

PAVING AND DRAINAGE

- 1. THE CONTRACTOR SHALL CONSTRUCT PAVEMENT IN ACCORDANCE WITH TYPICAL PAVEMENT SECTIONS AND LOCAL AGENCY SPECIFICATIONS...
2. FLORIDA LAW (F.S. 553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION IN ANY PUBLIC OR PRIVATE STREET, ALLEY, RIGHT-OF-WAY DEDICATED TO THE PUBLIC USE...

SANITARY SEWER

- 1. ROOF DRAINS, FOUNDATION DRAINS OR OTHER STORM WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED...
2. GRAVITY SEWER PIPE SHALL BE SDR35 PVC AND SHALL MEET ASTM D3034, UNLESS OTHERWISE SPECIFIED...
3. ALL SANITARY SERVICE LATERALS SHALL BE 6-INCH DIAMETER PVC AND SHALL END WITH A CLEAN OUT...

WATER

- 1. ALL MATERIALS AND CONSTRUCTION REQUIREMENTS FOR THE FIRE SERVICE WATER LINES CHECK VALVES SHALL BE IN ACCORDANCE WITH THE FLORIDA FIRE PREVENTION CODE...
2. ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH AWWA STANDARDS AND IN ACCORDANCE WITH LOCAL AGENCY STANDARDS...
3. ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME INTO CONTACT WITH DRINKING WATER WILL CONFORM TO NSF INTERNATIONAL STANDARD 61 AND WILL BE MARKED WITH THE NSF SEAL OF APPROVAL...

RECLAIMED WATER

- 1. POLYVINYL CHLORIDE PLASTIC PIPE (PVC) 4-INCH THROUGH 12-INCH SHALL BE MANUFACTURED IN ACCORDANCE WITH ANS/AWWA C900 (LATEST EDITION) AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI AND HAVE A DR (DIMENSION RATIO) OF 18...
2. DUCTILE IRON PIPE (DIP) SHALL BE STANDARD PRESSURE CLASS 350 IN SIZES 4-INCH THROUGH 12-INCH AND CONFORM TO ANS/AWWA C150/A21.50 (LATEST EDITION)...
3. PIPE SIZES GREATER THAN 12" IN BOTH PVC AND DUCTILE IRON SHALL BE SEPARATELY SPECIFIED ON THE PLANS, WITH THICKNESS CLASSES TO BE SHOWN BASED ON WORKING PRESSURES, PIPE DEPTH AND TRENCH CONDITIONS...

FIRE

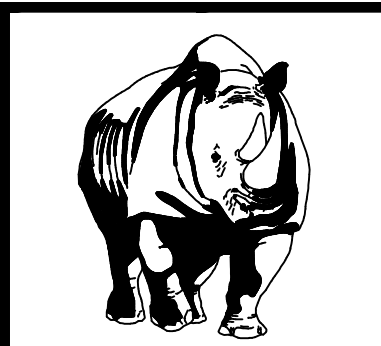
PLANS SHALL BE IN ACCORDANCE WITH THE 6TH EDITION OF THE FLORIDA FIRE PREVENTION CODE: NFPA 101, 2015 EDITION NFPA 1, 2013 EDITION NFPA 14, 2013 EDITION NFPA 24, 2013 EDITION NFPA 13, 2013 EDITION

SPECIAL PURPOSE

- 1. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS...
2. UNDERGROUND VALVE IDENTIFICATION (UVI) MARKERS SHALL BE PROVIDED AT EACH VALVE LOCATION...
3. BUTTERFLY VALVES SHALL MEET OR EXCEED THE DESIGN STRENGTH TESTING AND PERFORMANCE REQUIREMENTS OF AWWA C504 (LATEST EDITION), CLASS 150...
4. AIR RELEASE VALVES SHALL BE PLACED AT HIGH POINTS OF THE TRANSMISSION MAIN TO PERMIT ESCAPE OF TRAPPED AIR...

LAKE COUNTY NOTES:

- 1. VALVES SHALL NOT BE LOCATED IN SIDEWALKS, RAMPS, OR CURBS.
2. THE WATER MAIN, REUSE MAIN, AND FORCE MAIN SHALL BE DUCTILE IRON PIPE WHERE UNDER THE ROADWAY.



MADDEN MOORHEAD & STOKES, LLC CIVIL ENGINEERS

431 E. Horatio Avenue Suite 260 Maitland, Florida 32751 (407) 629-8330

GENERAL NOTES FOR EDDGEMONT FLORIDA LAKE COUNTY

DR HORTON, INC. 6200 LEE VISTA BLVD., SUITE 400 ORLANDO, FLORIDA 32822 (407) 246-9834

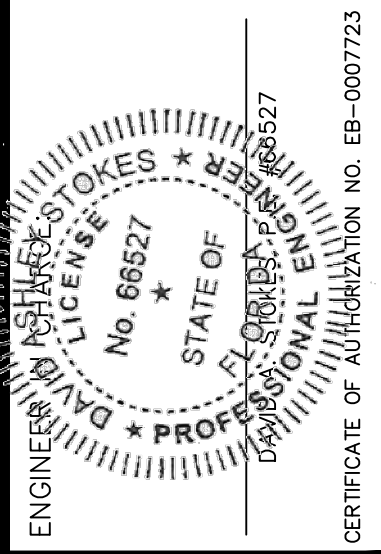
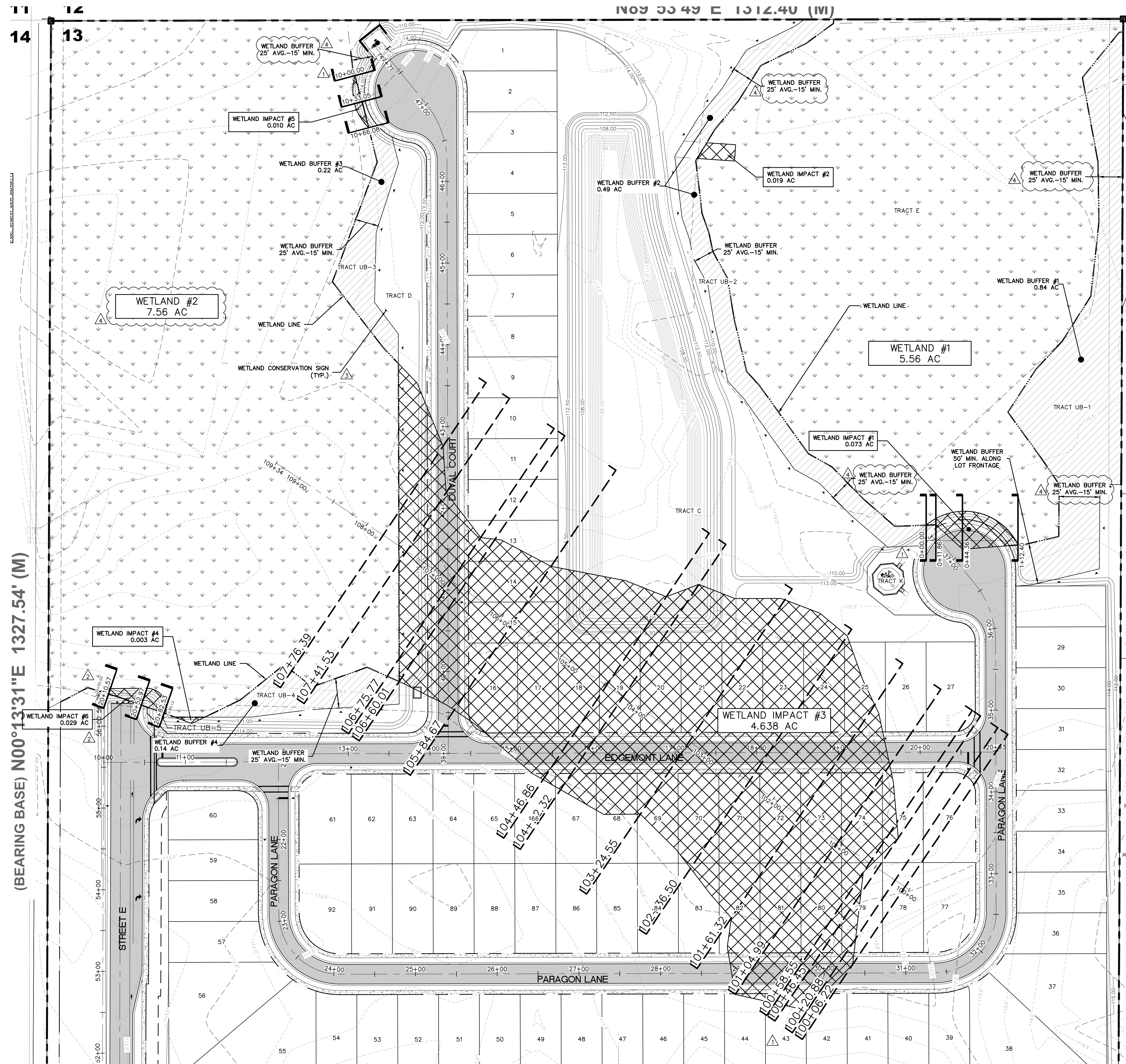


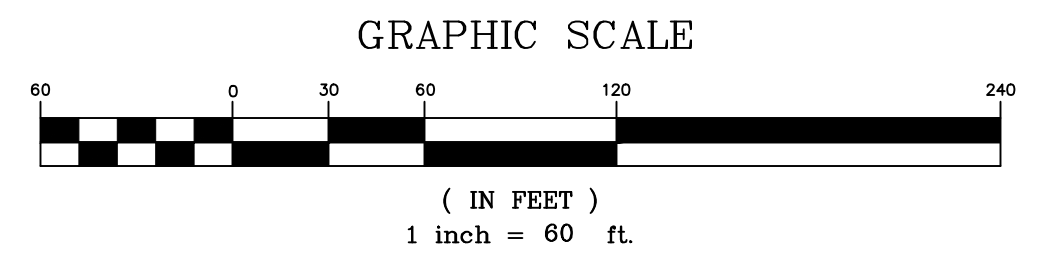
Table with columns: DATE, REVISIONS, JOB #, DATE, SCALE, DESIGNED BY, DRAWN BY, APPROVED BY. Includes a grid for revisions and a signature block.



(BEARING BASE) N00°13'31"E 1327.54' (M)

N09°55'49"E 1512.40' (M)

S00°15'25"W 1326.78' (M)



HATCH LEGEND

- LIMITS OF WETLAND
- WETLAND IMPACT AREA
- WETLAND BUFFER

WETLAND DATA:

- CURRENT WETLANDS: 17.795 AC
- WETLANDS TO BE MITIGATED: 4.772 AC
- WETLANDS TO REMAIN: 13.023 AC

TOTAL IMPACT VOLUMES

- WETLAND 1 IMPACTS:
  - TOTAL VOLUME OF FILL: 5,500 C.F. (0.13 AC.-FT.)
  - TOTAL VOLUME OF CUT: 0 C.F. (0 AC.-FT.)
- WETLAND 2 IMPACTS:
  - TOTAL VOLUME OF FILL: 827,311 C.F. (18.99 AC.-FT.)
  - TOTAL VOLUME OF CUT: 19,574 C.F. (0.45 AC.-FT.)

**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

WETLAND IMPACT PLAN  
FOR  
**EDGEMONT**  
LAKE COUNTY, FLORIDA

**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

DAVID J. EDGEMONT  
No. 68627  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
CIVIL  
CERTIFICATE OF AUTHORIZATION No. EB-0007223

NO.	DATE	REVISIONS
1	10/20/20	ISSUED PER SURVIVOR COMMENTS
2	12/08/20	REVISED PER LAKE COUNTY COMMENTS
3	12/10/20	REVISED PER SURVIVOR COMMENTS
4	03/11/21	REVISED PER SURVIVOR COMMENTS
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=60'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C005

H:\Data\19058\_Eng\Final\SRWD (no future row)\19058\_C005 - WETLAND IMPACT PLAN.dwg March 10, 2021 4:00 PM

GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.



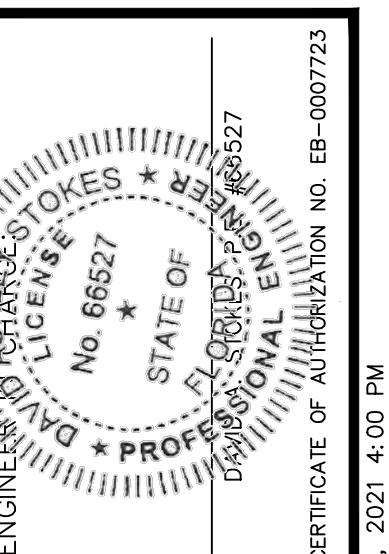
**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

WETLAND IMPACT PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

DR HORTON, INC.

6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



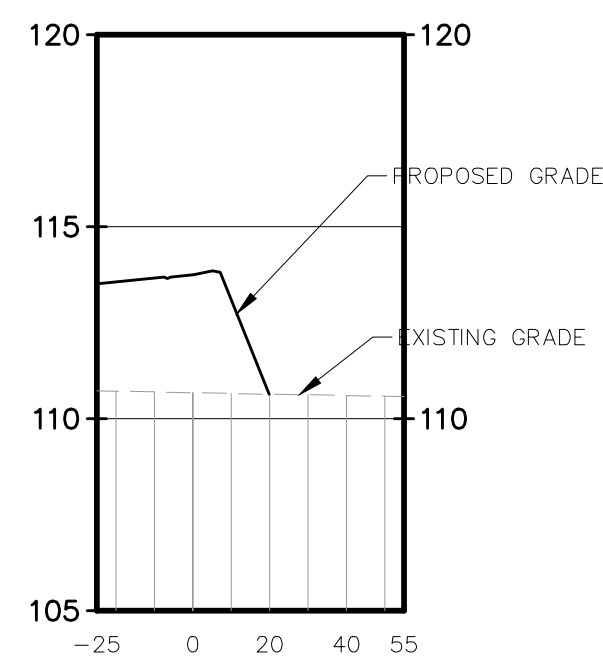
CERTIFICATE OF AUTHORIZATION NO. EB-000723  
EXPIRES 03/31/2021

NO.	DATE	REVISIONS
1	10/20/20	ISSUED SHEET PER S&PW COMMENTS
2	12/08/20	REVISED PER LAKE COUNTY COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
 DATE: 06/24/2020  
 SCALE: 1"=50'  
 DESIGNED BY: TTB  
 DRAWN BY: TTB  
 APPROVED BY: DAS

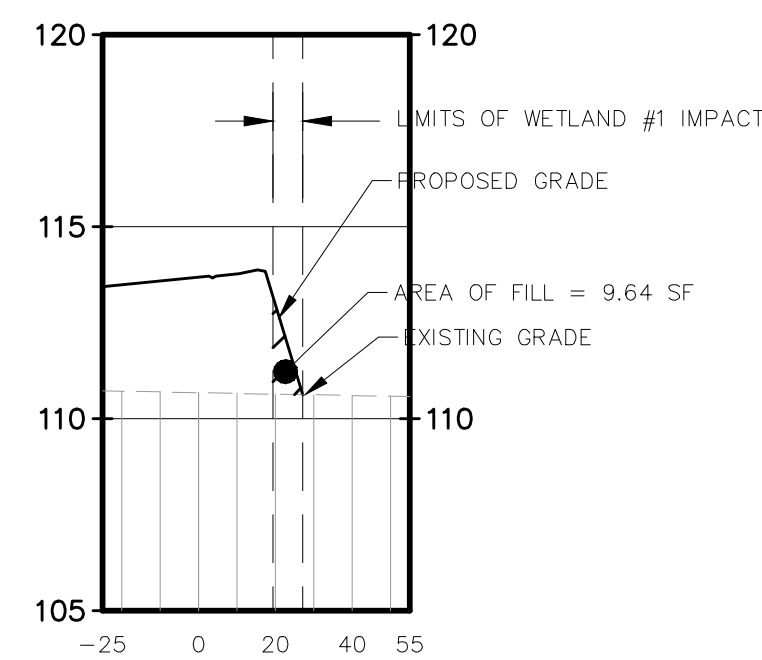
C005.1

0+00.00



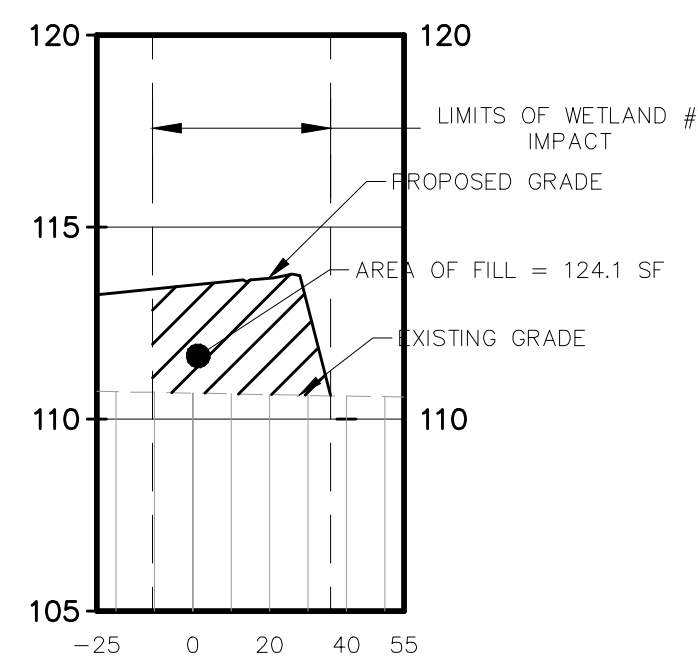
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL  
EXTENT/BEGINNING OF  
WETLAND IMPACTS

0+11.86



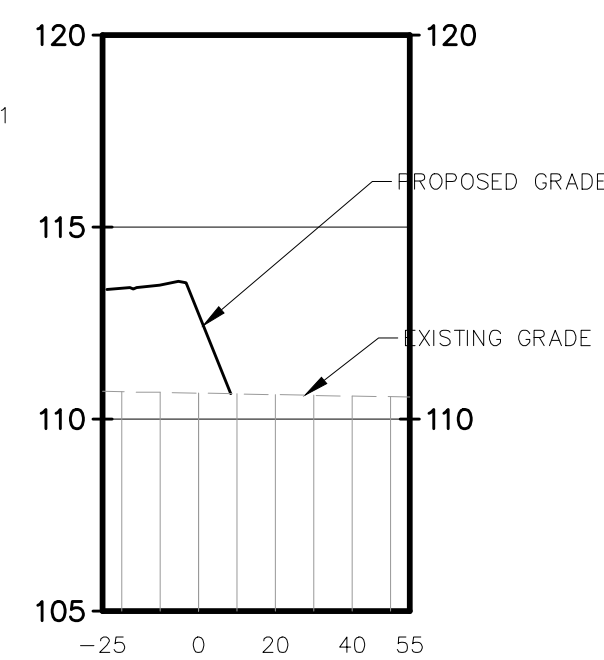
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

0+44.36



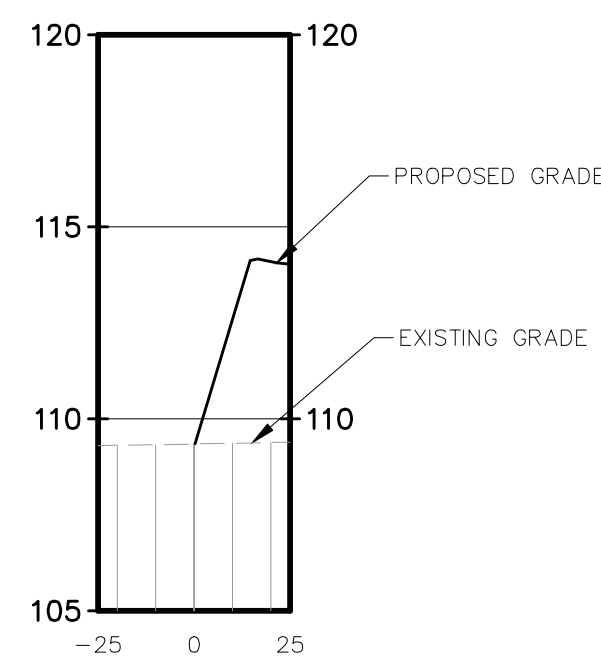
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

0+81.04



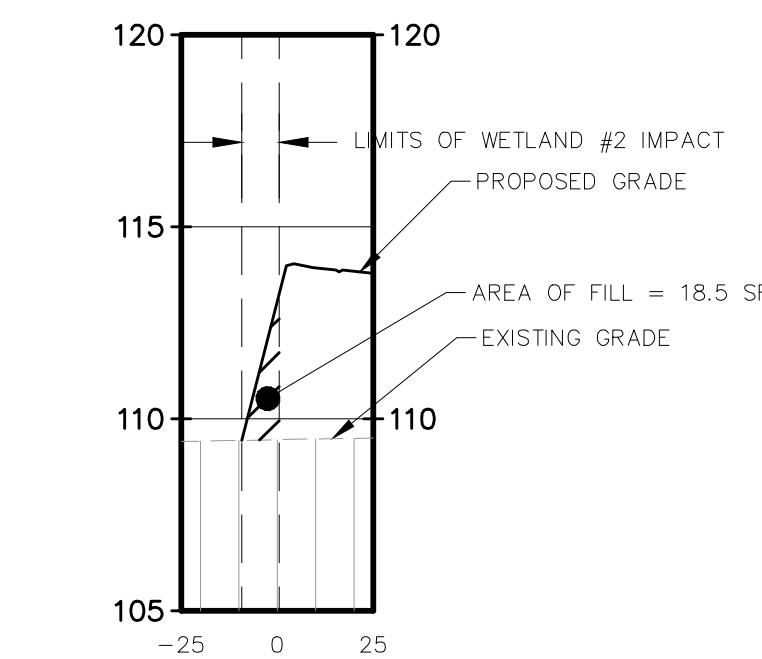
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL  
EXTENT/END OF WETLAND  
IMPACTS

10+00.00



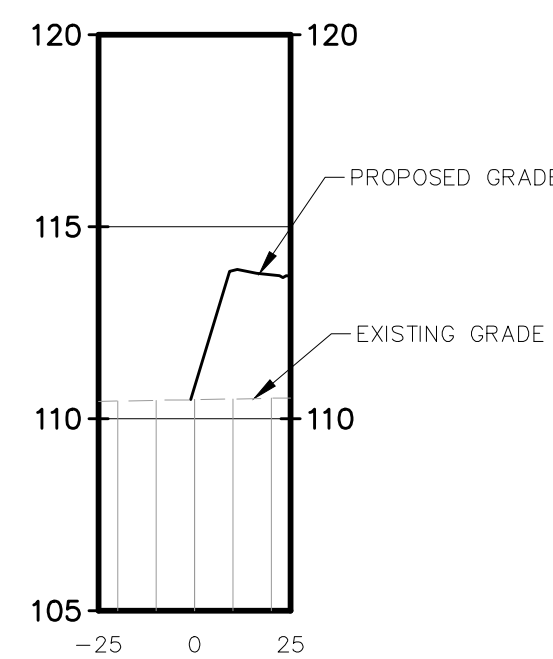
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL  
EXTENT/BEGINNING OF  
WETLAND IMPACTS

10+33.05



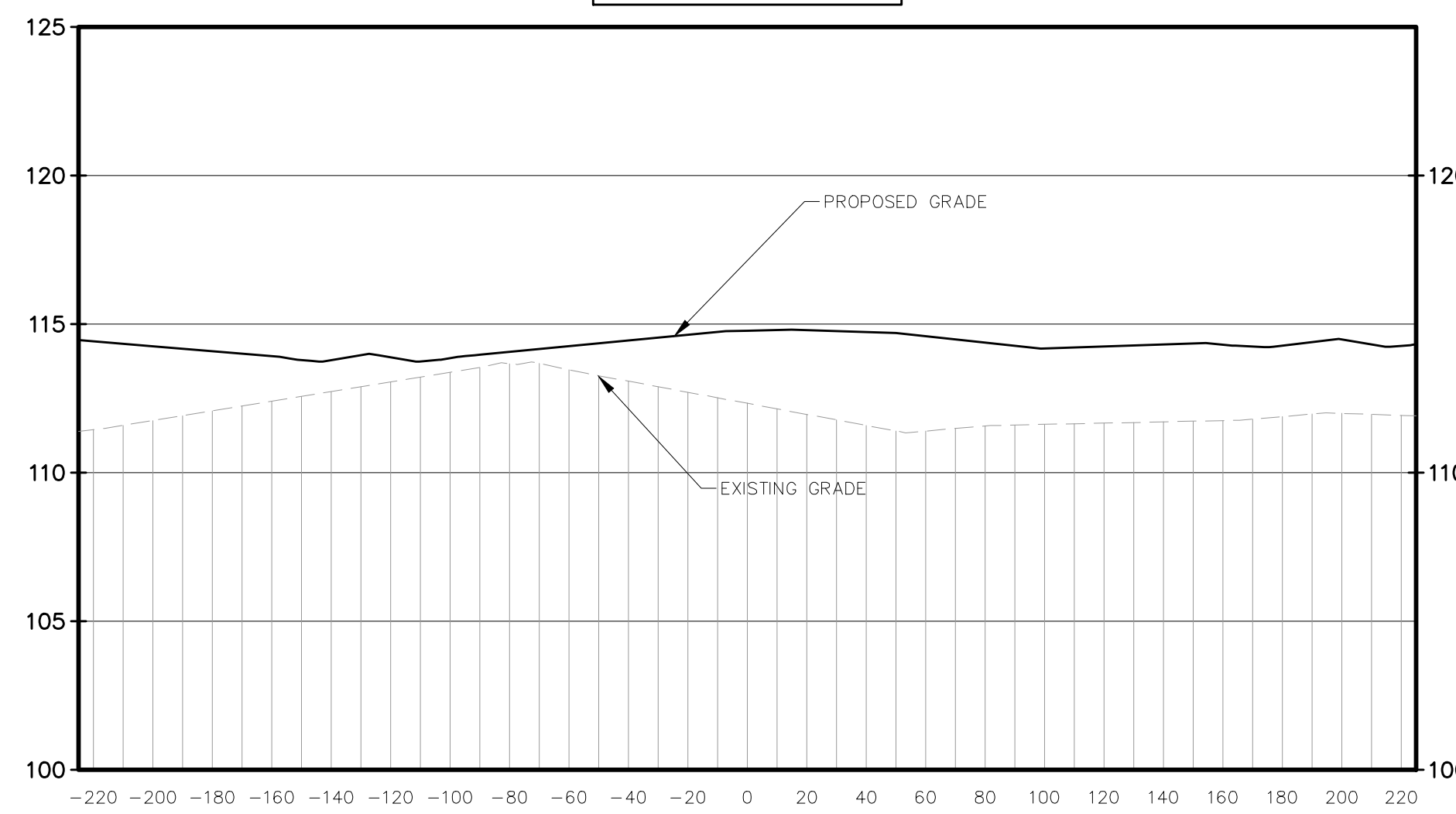
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

10+66.08



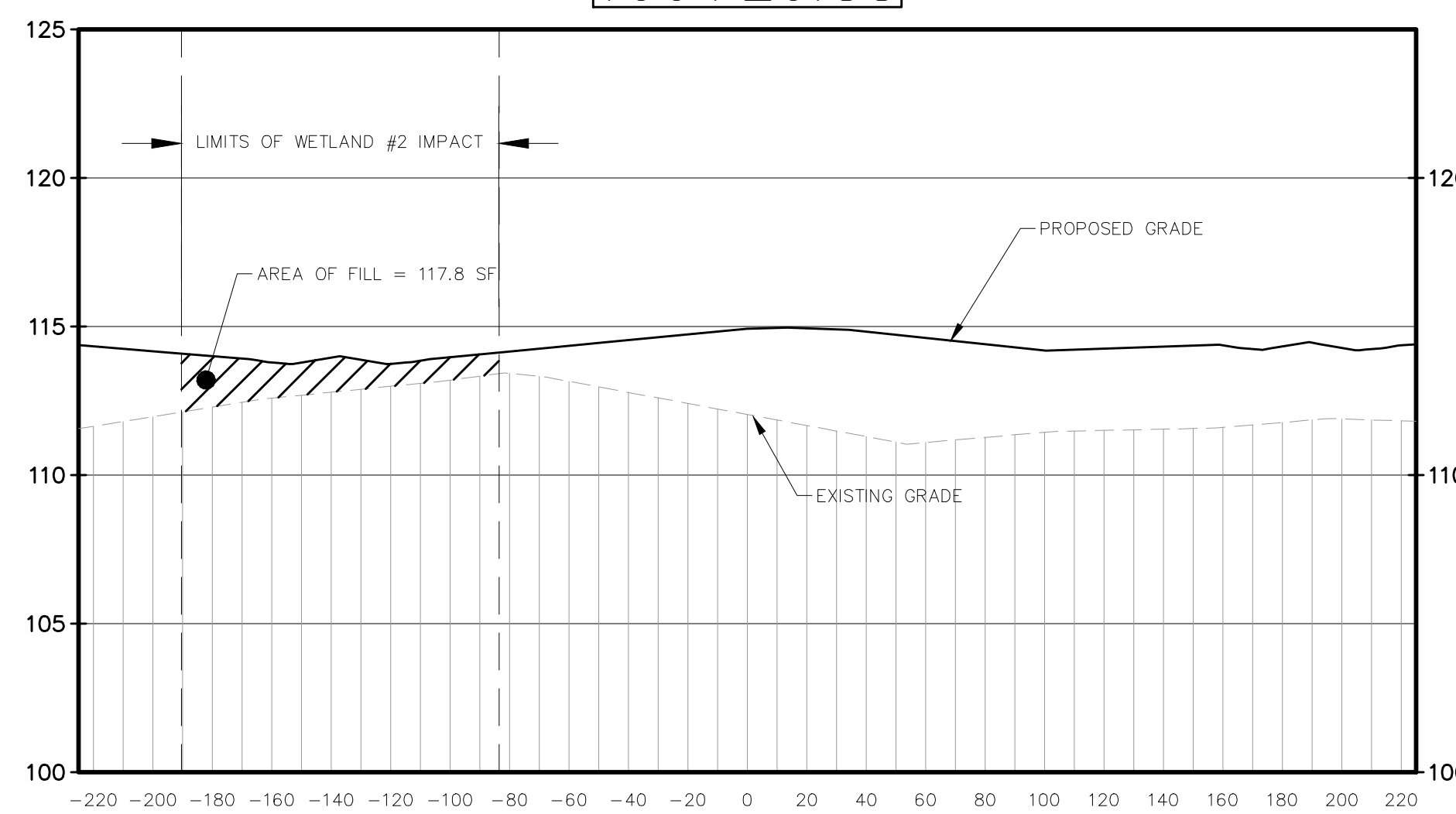
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL  
EXTENT/END OF WETLAND  
IMPACTS

100+06.22



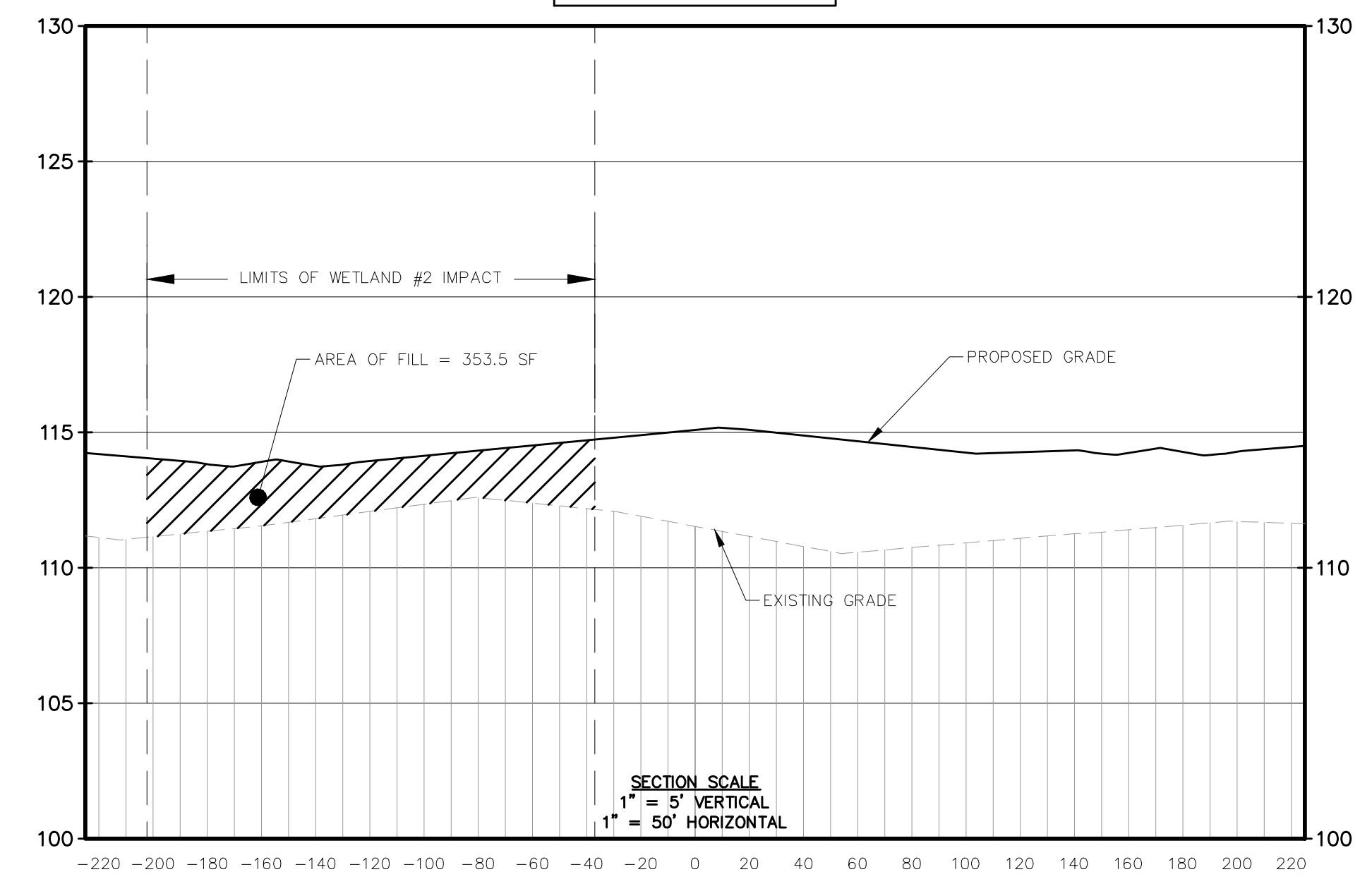
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL  
EXTENT/BEGINNING OF  
WETLAND IMPACTS

100+20.88



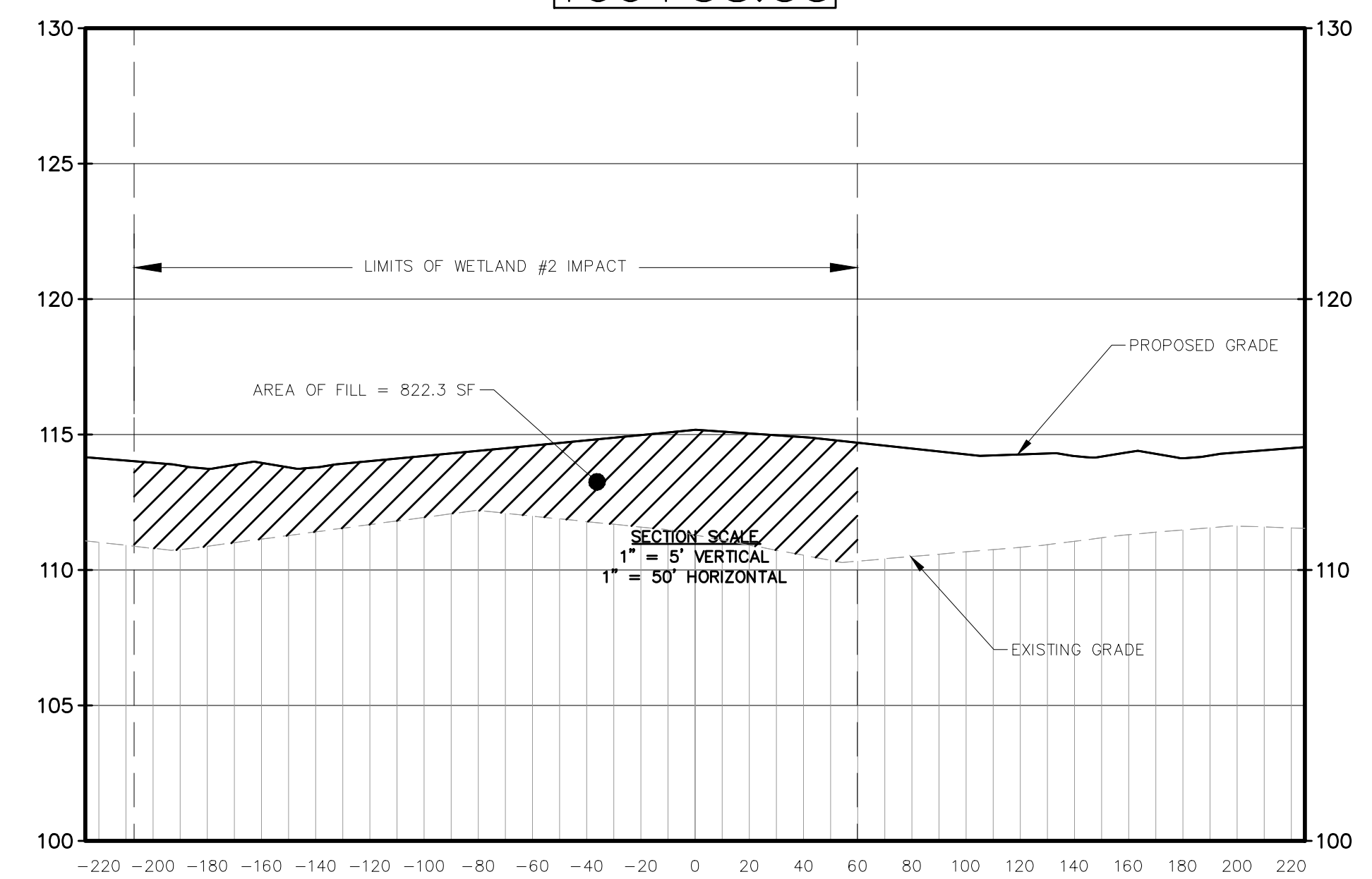
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

100+46.45

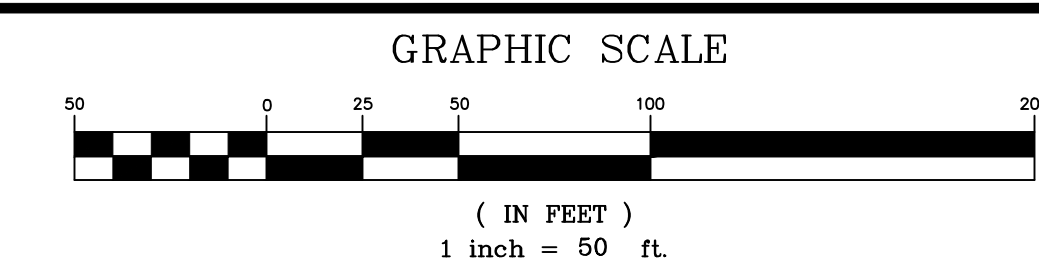


SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

100+58.55



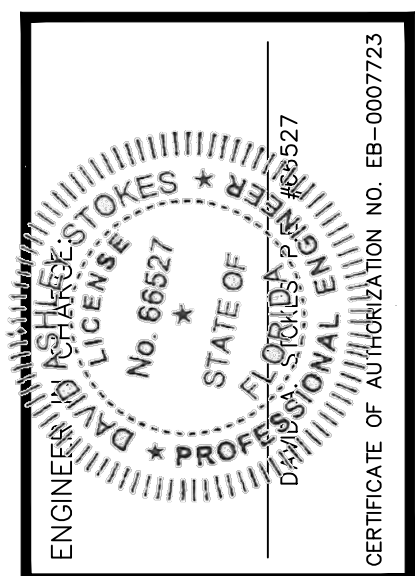
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL



**MADDEN**  
 MOORHEAD & STOKES, LLC  
 CIVIL ENGINEERS  
 431 E. Horatio Avenue  
 Suite 260  
 Maitland, Florida 32751  
 (407) 629-8330

WETLAND IMPACT PLAN  
 FOR  
**EDGE MONT**  
 LAKE COUNTY  
 FLORIDA

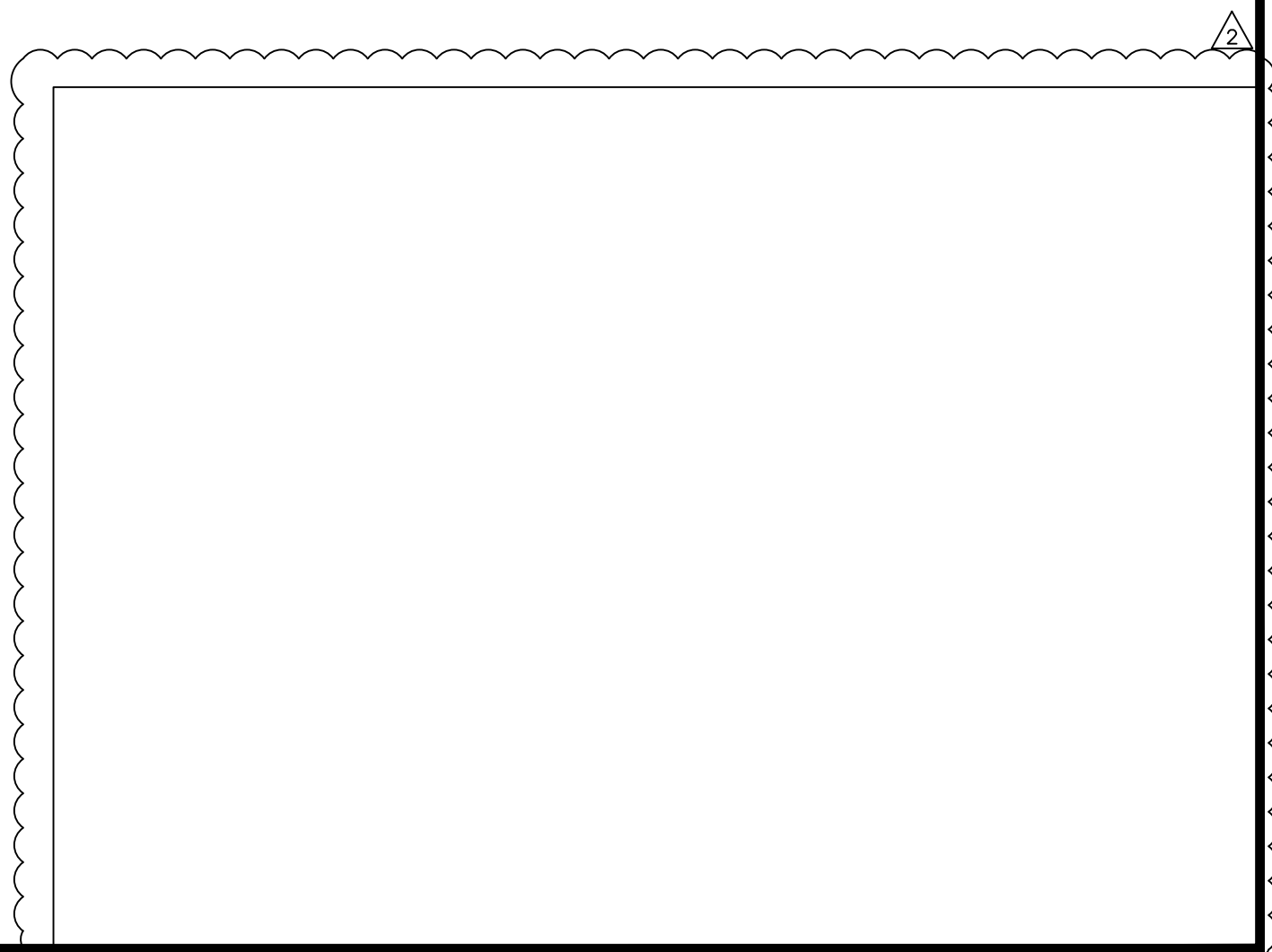
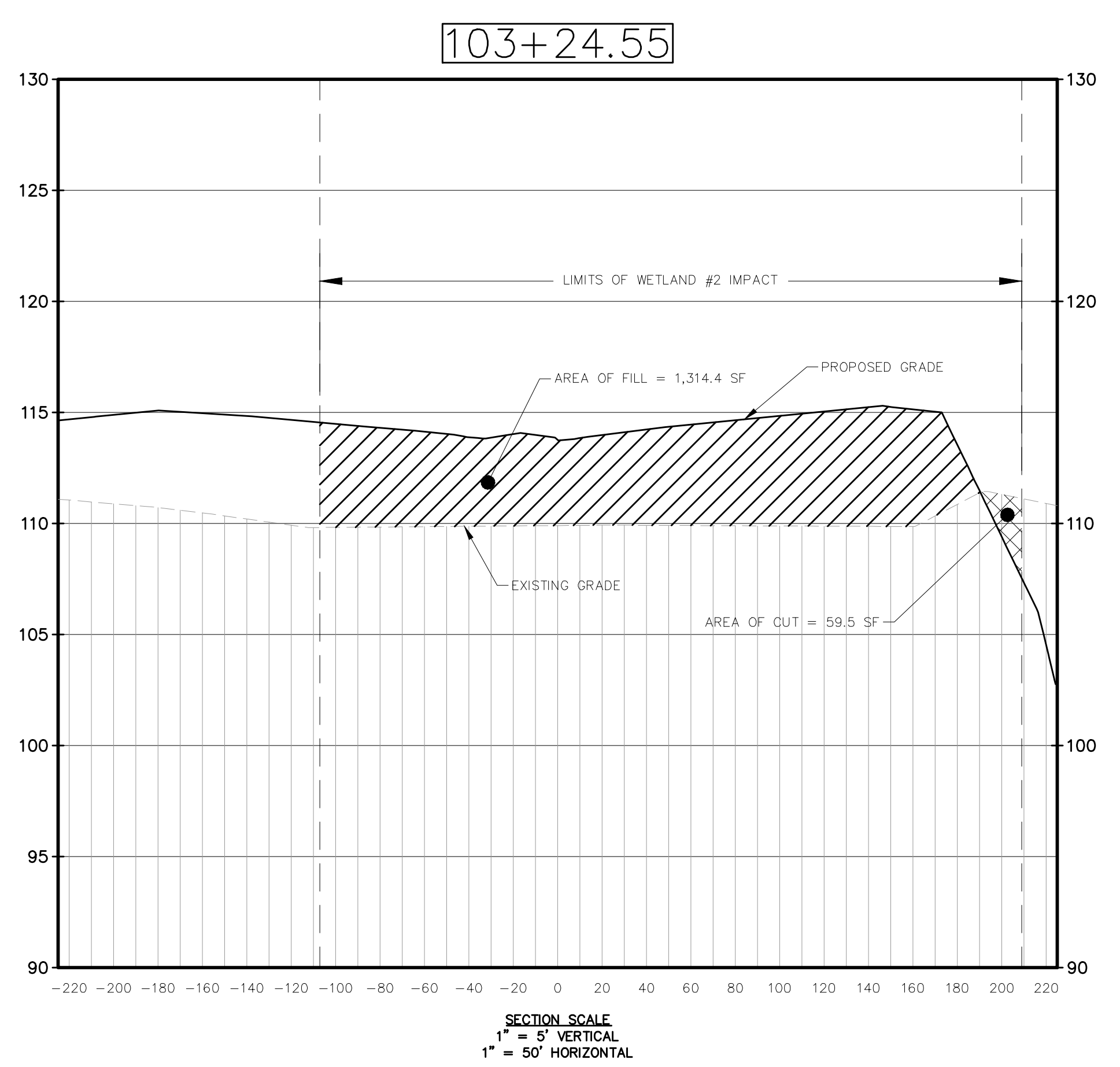
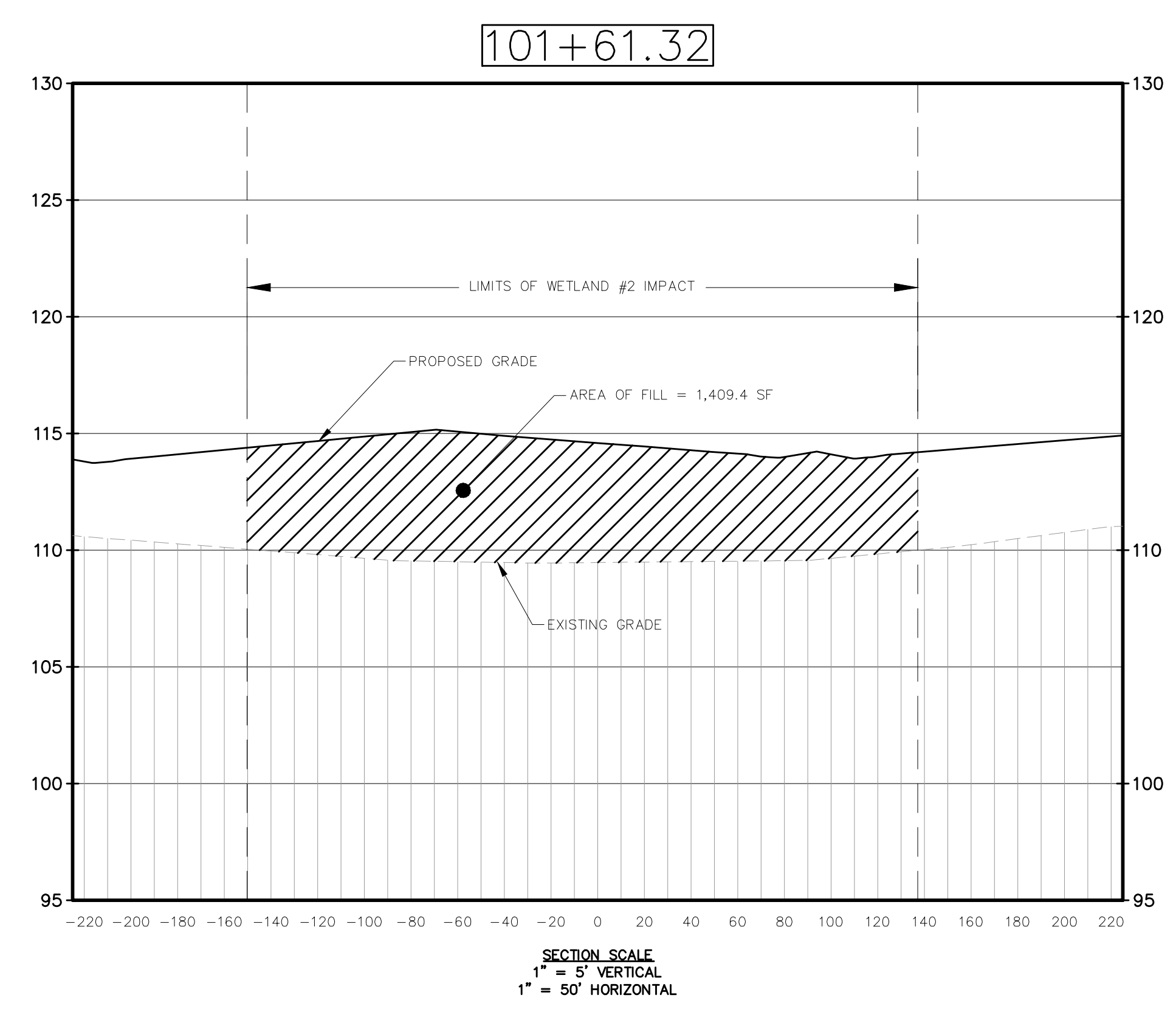
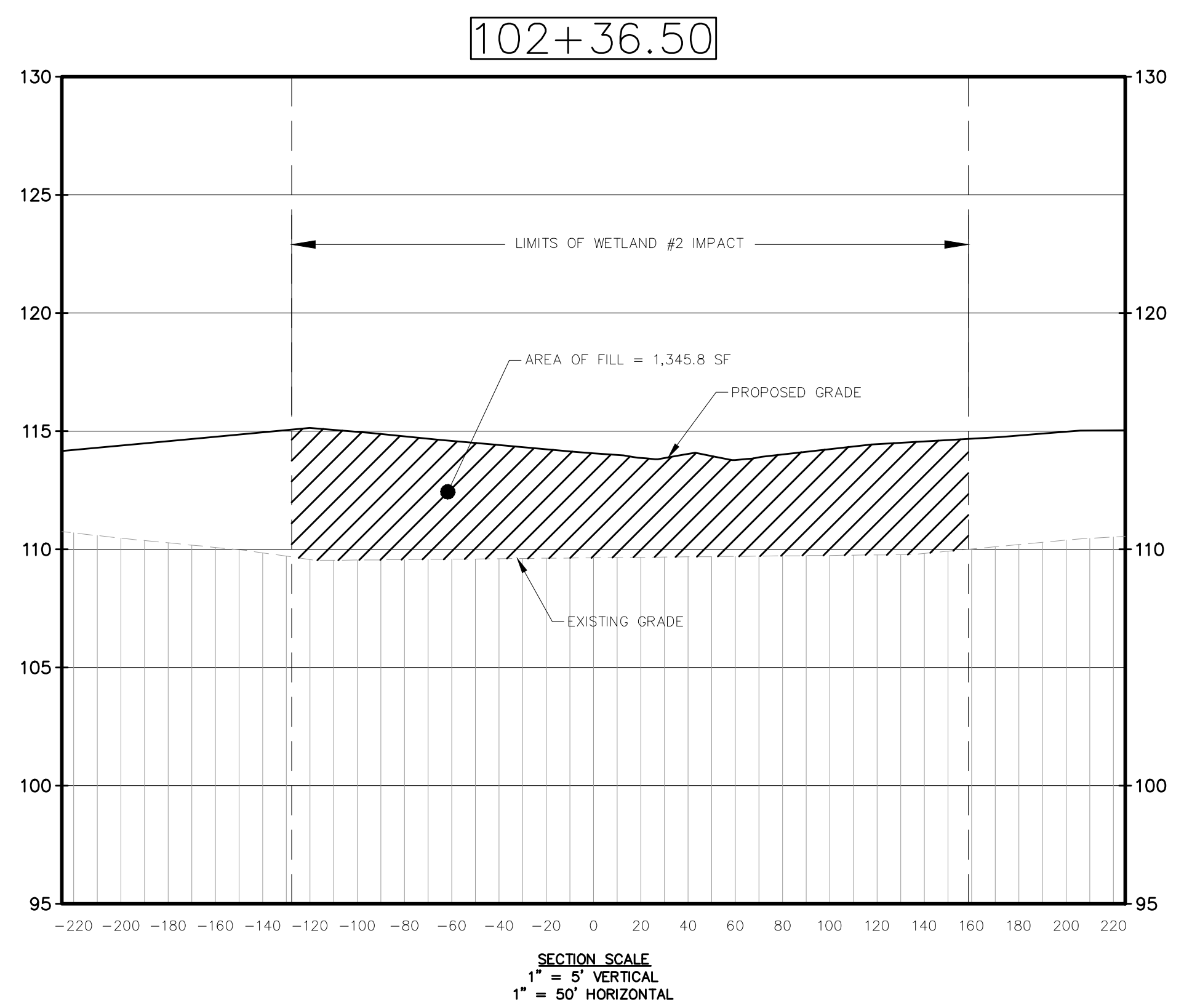
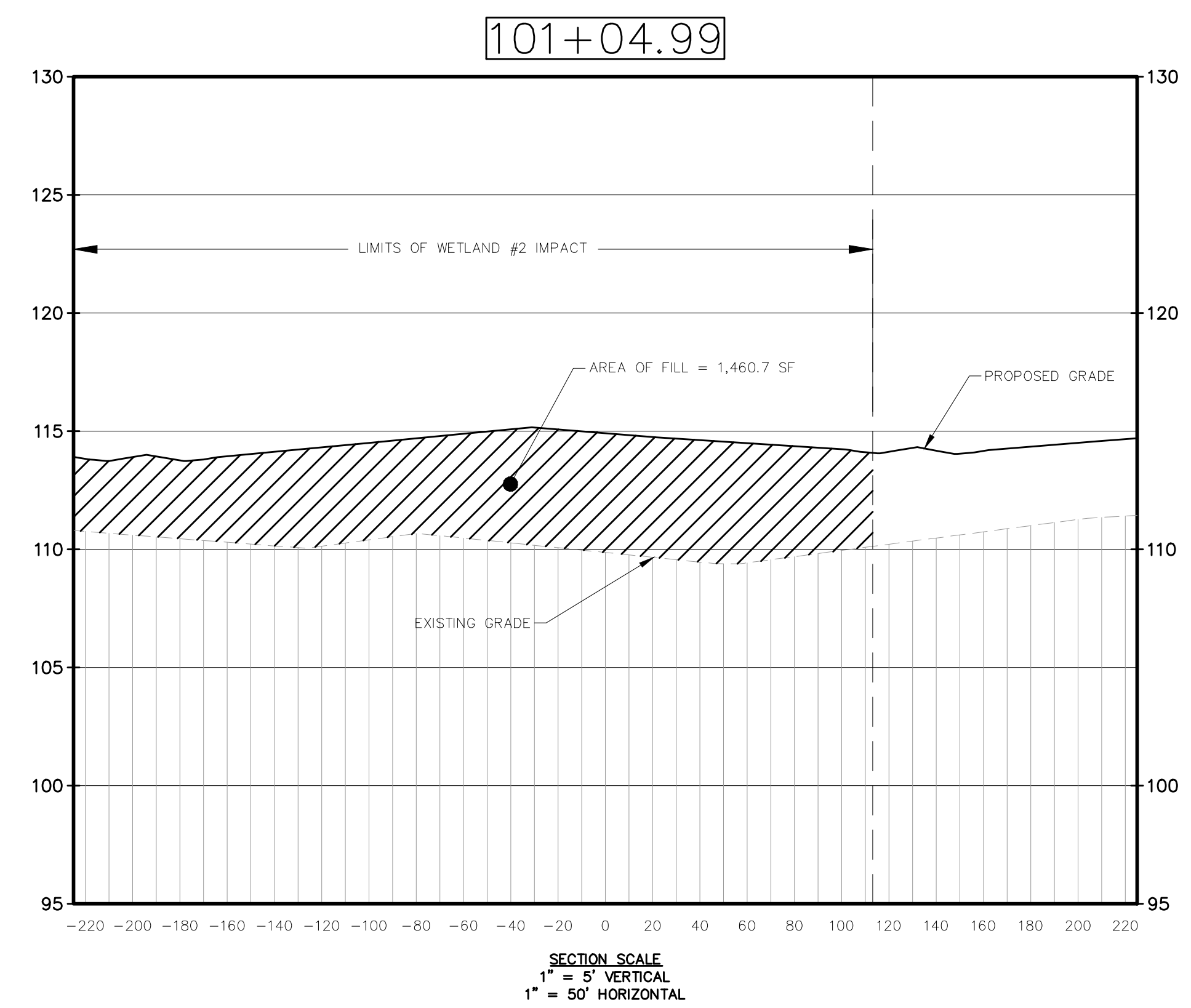
DR HORTON, INC.  
 6200 LEE VISTA BLVD., SUITE 400  
 ORLANDO, FLORIDA 32822  
 (407) 246-9834

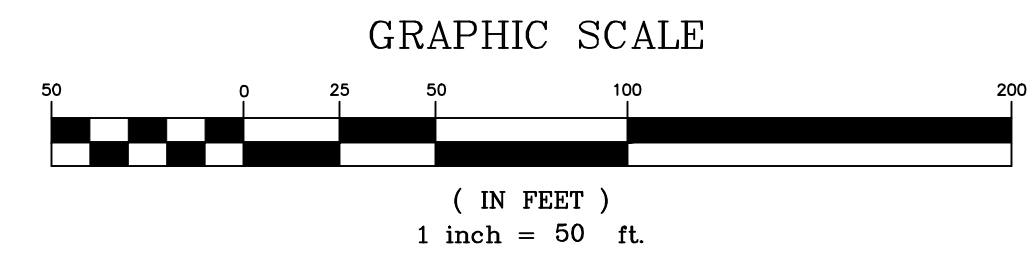


NO.	DATE	REVISIONS
1	10/20/20	ISSUED SHEET PER S.W.R.M.D. COMMENTS
2	12/08/20	REVISED PER LAKE COUNTY COMMENTS

JOB # 19058  
 DATE: 06/24/2020  
 SCALE: 1"=50'  
 DESIGNED BY: TTB  
 DRAWN BY: TTB  
 APPROVED BY: DAS

C005.2

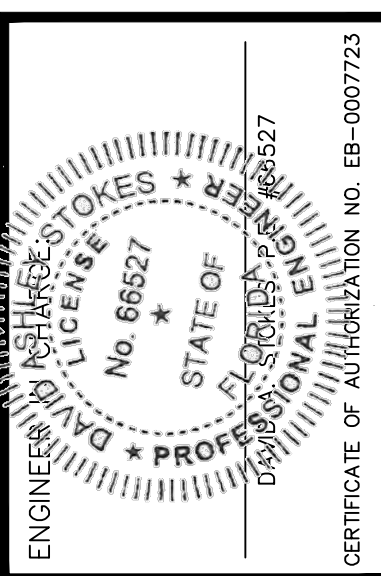




**MADDEN**  
MOORHEAD & STOKES, LLC  
**CIVIL ENGINEERS**  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

WETLAND IMPACT PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

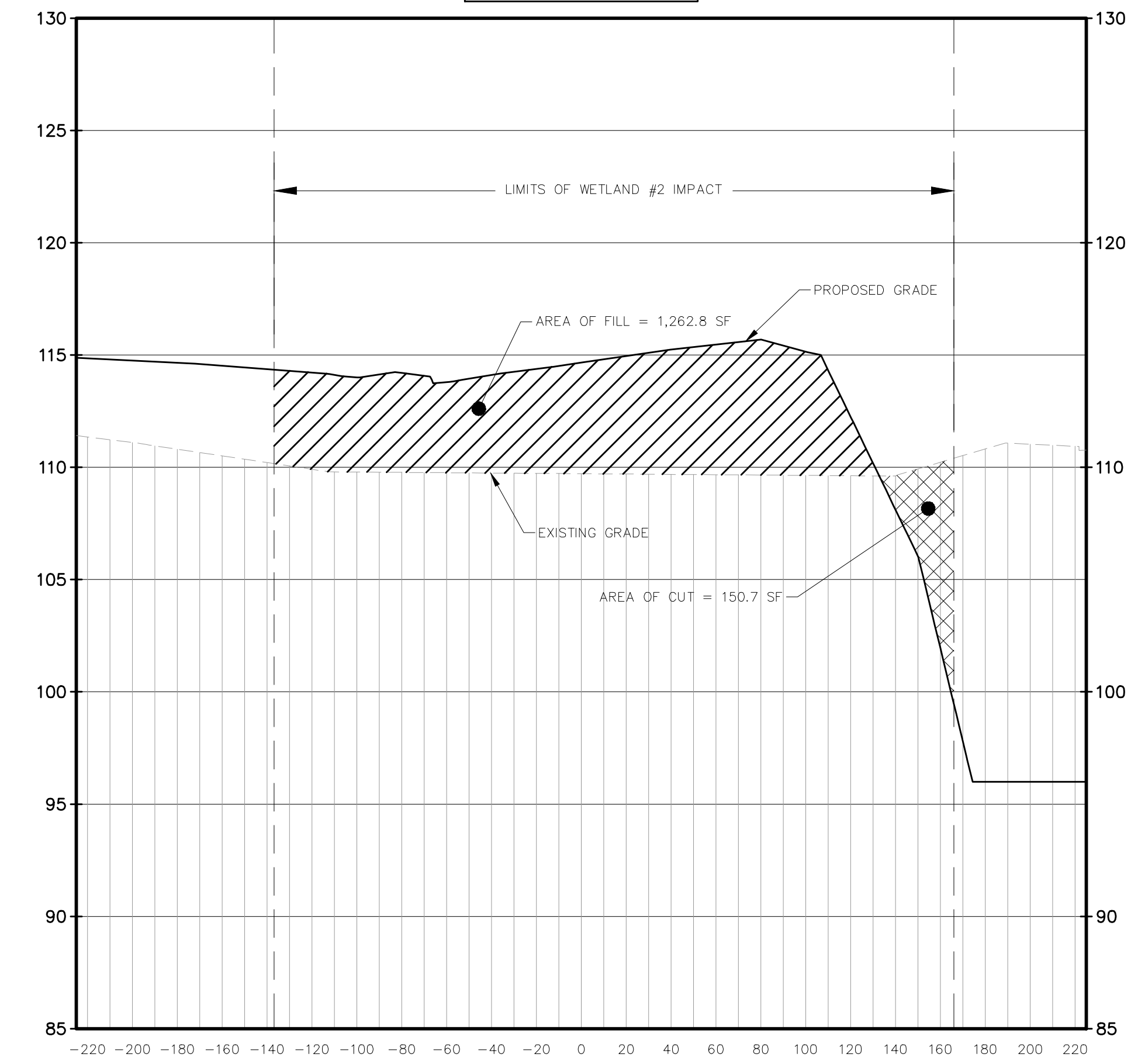


NO.	DATE	REVISIONS
1	10/20/20	ADDED SHEET PER SRMID COMMENTS
2	12/08/20	REVISED PER LAKE COUNTY COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

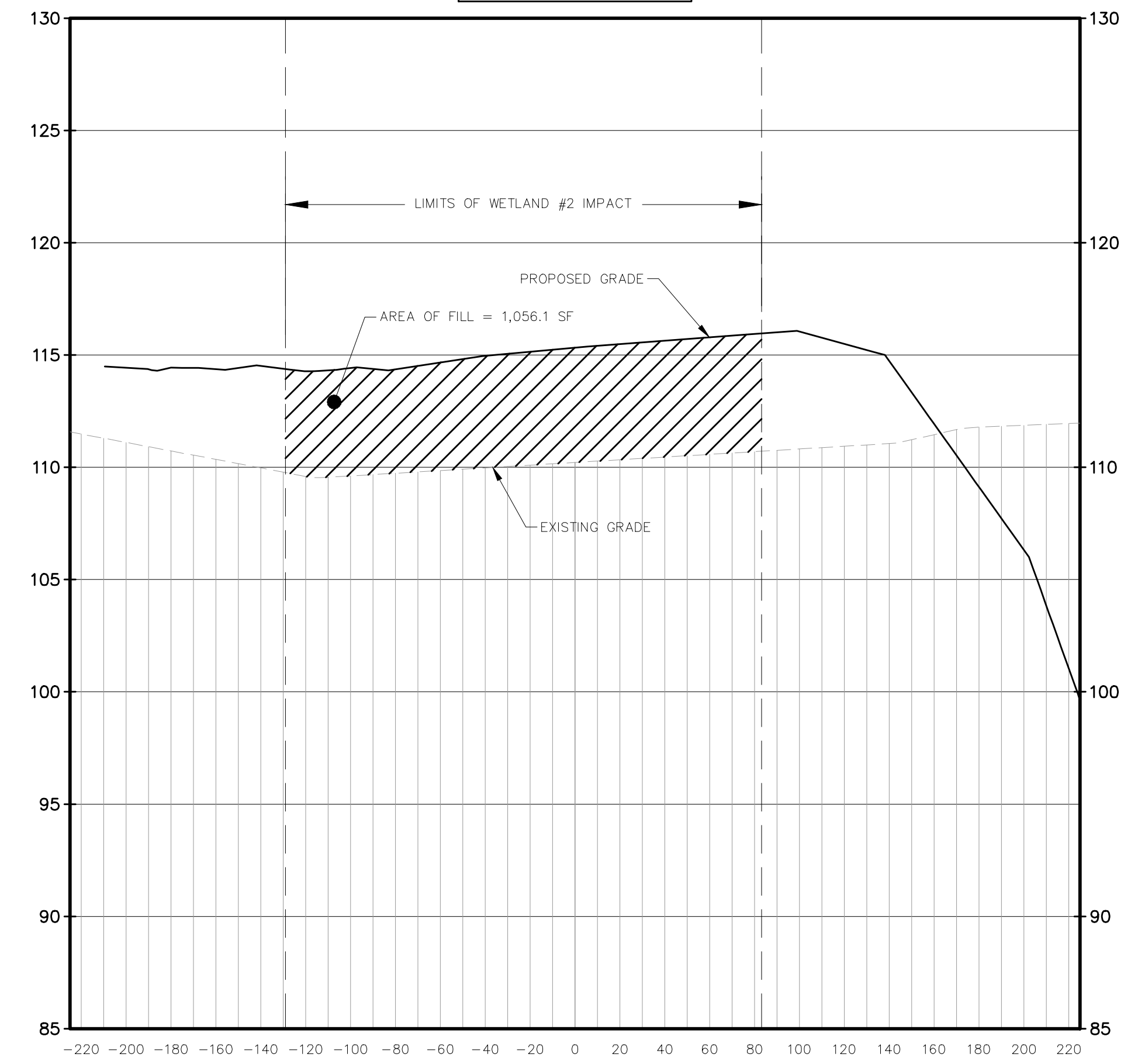
C005.3

104+22.32



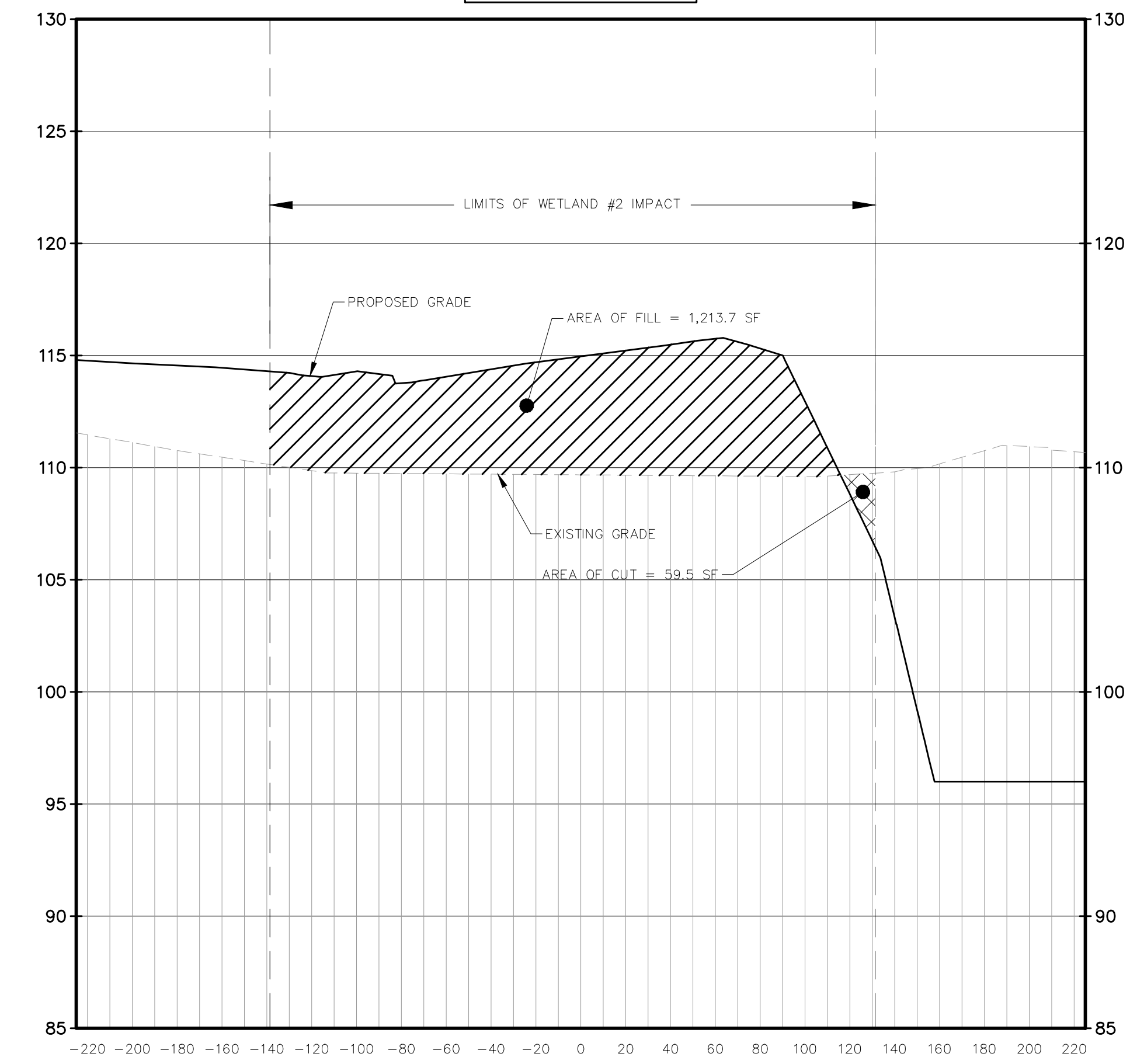
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

105+84.67



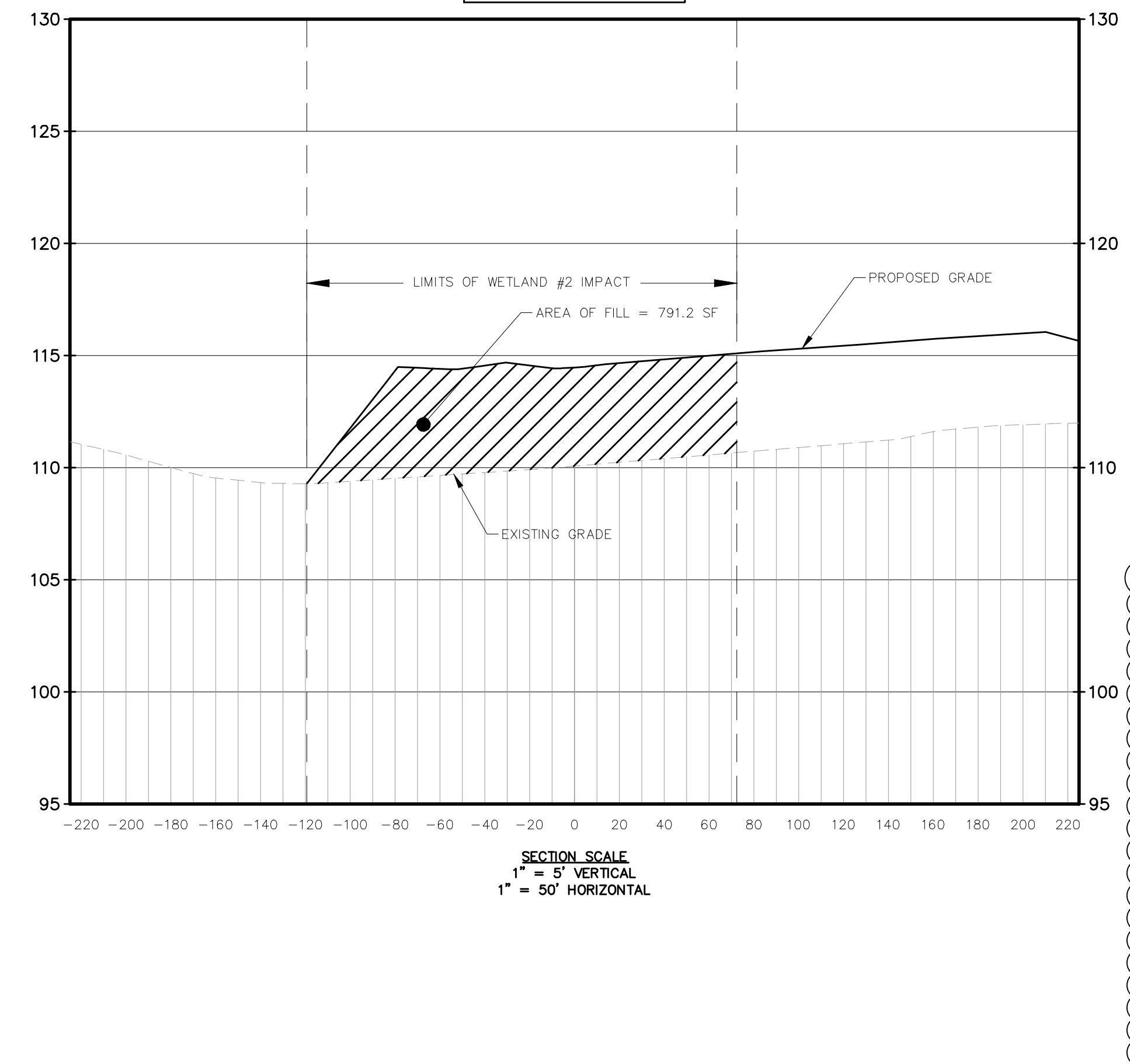
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

104+46.86



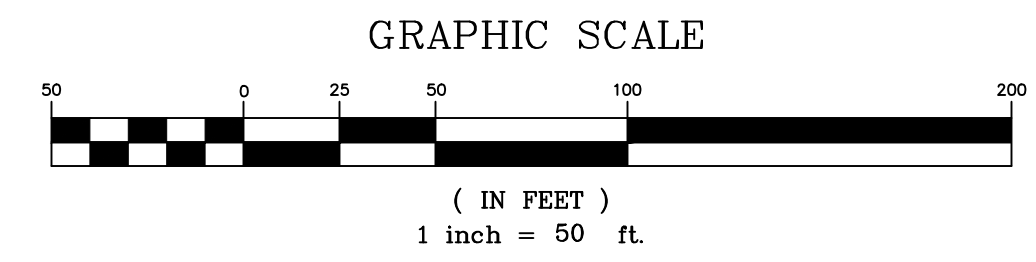
SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

106+60.01



SECTION SCALE  
1" = 5' VERTICAL  
1" = 50' HORIZONTAL

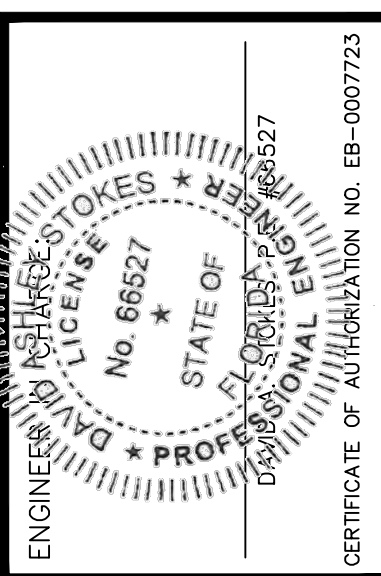




**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

WETLAND IMPACT PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

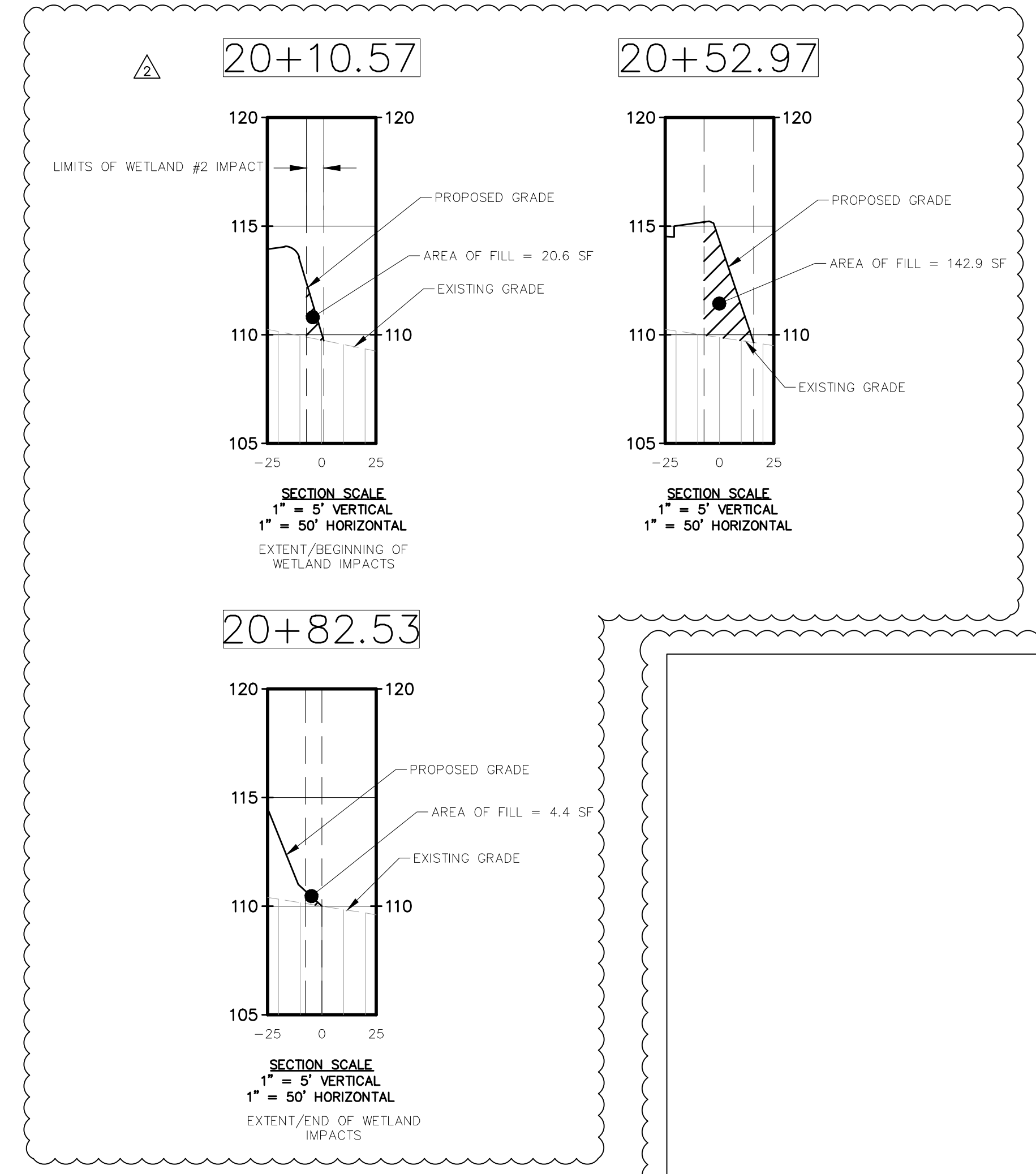
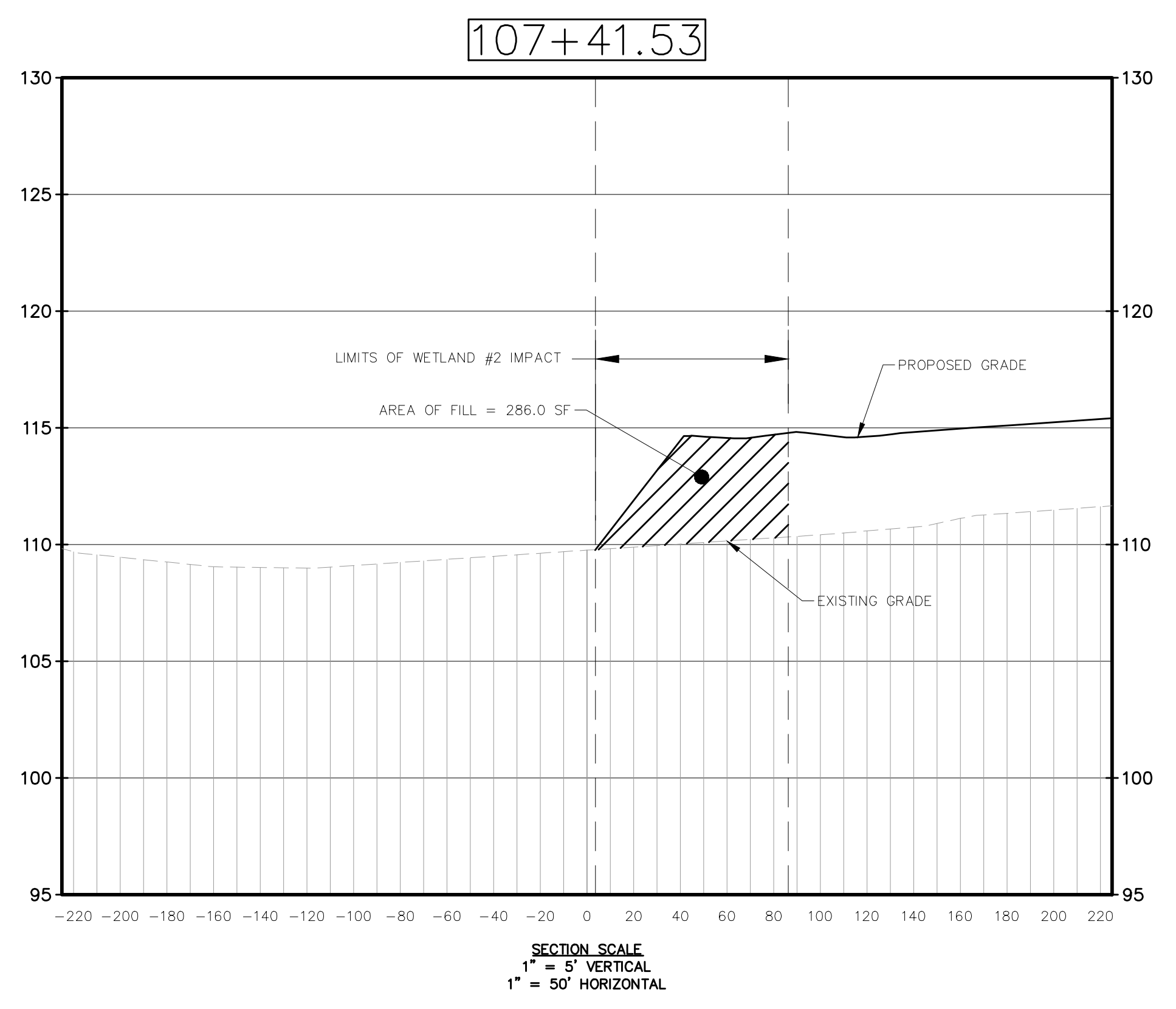
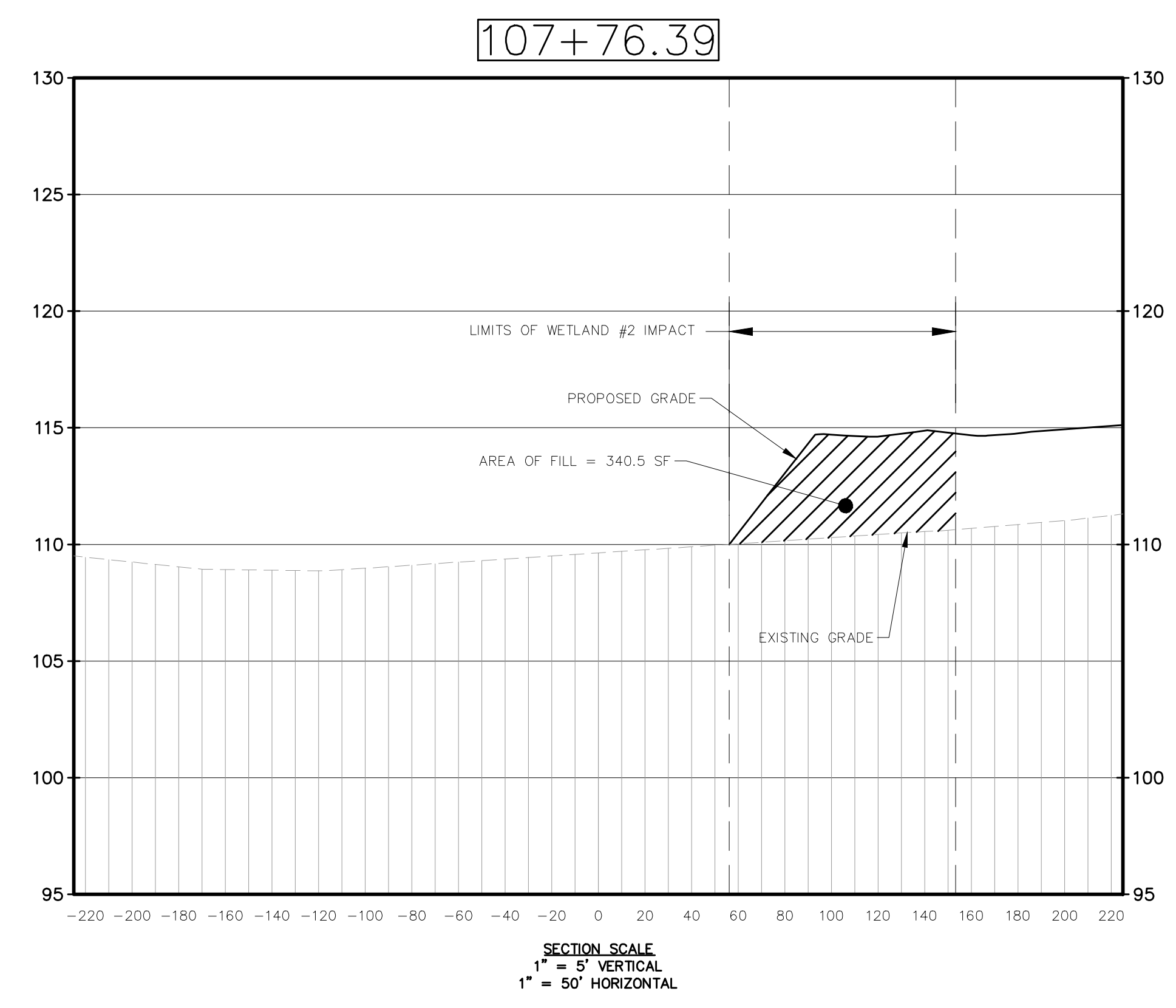
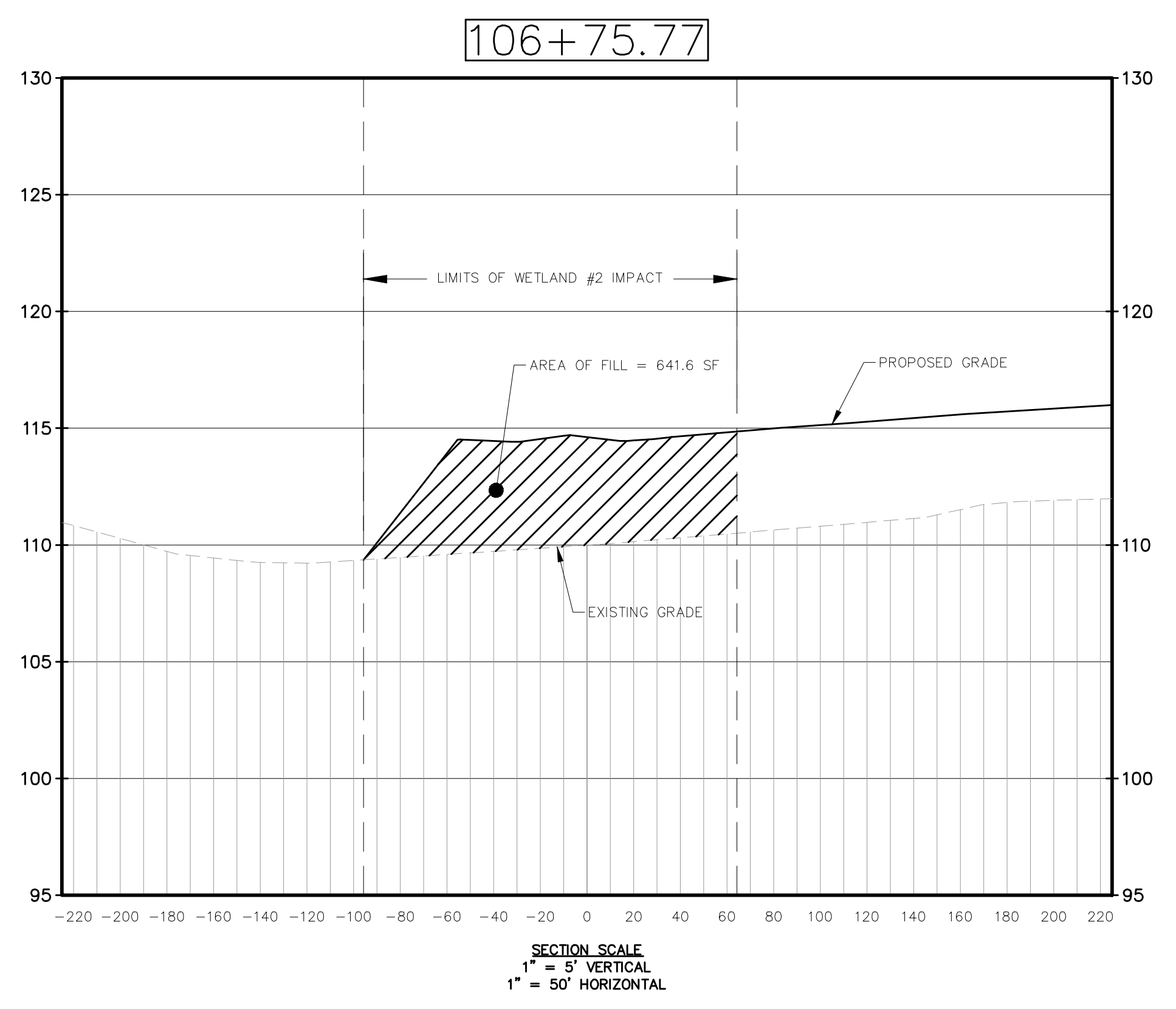
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



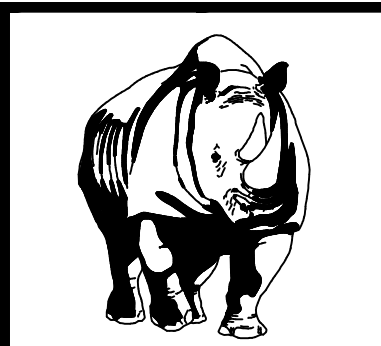
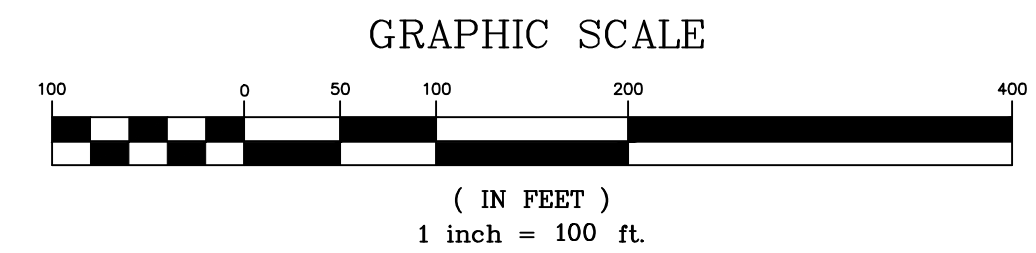
NO.	DATE	REVISIONS
1	10/20/20	ADDED SHEET PER SRMID COMMENTS
2	12/08/20	REVISED PER LAKE COUNTY COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C005.4



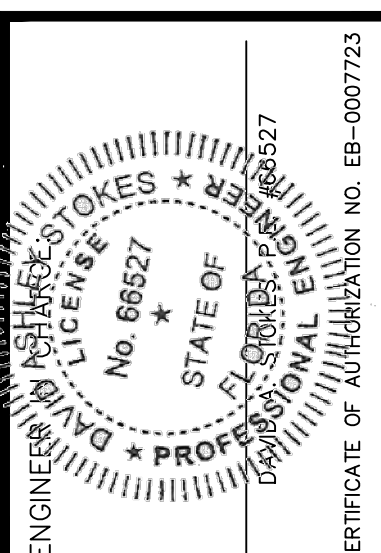
H:\Data\19058\Eng\Final\SRMID (c) Future rev\19058\_C005 - WETLAND IMPACT PLAN.dwg March 10, 2021 4:00 PM



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

OVERALL SITE PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

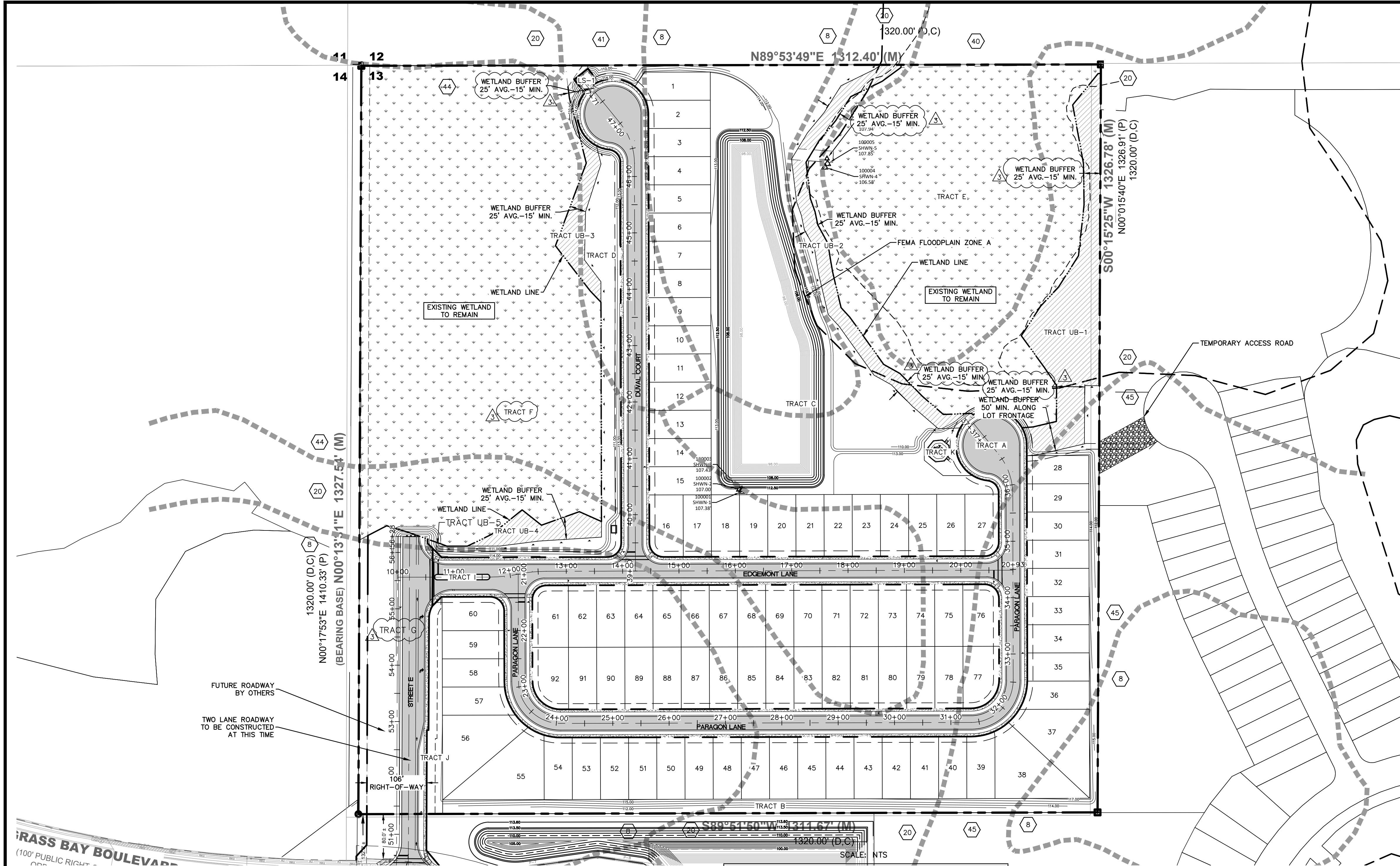
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2	02/17/21	REVISED PER UTILITIES INC. OF FLORIDA COMMENTS
3	03/17/21	REVISED PER SJRWMD COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=100'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C006



**SITE DATA:**

- GROSS PROJECT AREA: ±39.97 ACRES / ±1,741,242 S.F.
- PARCEL ID: 13-24-26-0002-000-00600
- EXISTING ZONING: PUD BY ORDINANCE 2018-26
- EXISTING FUTURE LAND USE: URBAN LOW FLU
- MAXIMUM LOTS PROPOSED: 92 SINGLE-FAMILY DETACHED
- MINIMUM LOT SIZE: 40' x 110'
- MINIMUM LIVING AREA: 1,250 SF
- MAXIMUM BUILDING HEIGHT: 40'
- LOT SETBACKS - SINGLE FAMILY DETACHED (MEASURED FROM THE PROPERTY LINE):  
FRONT: 20 FEET  
REAR: 5 FEET  
SIDE: 5 FEET  
SECONDARY FRONT: 15 FEET
- THE PROJECT SITE CONTAINS ±17.80 ACRES OF EXISTING WETLANDS. -4.67 ACRES WILL BE MITIGATED -13.13 ACRES WILL NOT BE MITIGATED
- PER FEMA FIRM PANEL NO. 12069C0675E, DATED DEC. 18, 2012, THE SUBJECT PROPERTY IS DESIGNATED ZONE 'X'; AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN.
- STORM RUNOFF GENERATED ON SITE SHALL BE TREATED USING LAKE COUNTY AND SJRWMD STORMWATER MANAGEMENT SYSTEM.
- THE ON SITE STORMWATER MANAGEMENT SYSTEM SHALL BE DESIGNED TO MEET LAKE COUNTY AND SJRWMD REQUIREMENTS.
- FIRE PROTECTION WILL BE PROVIDED AND DESIGNED IN ACCORDANCE WITH ALL APPLICABLE LAKE COUNTY CODE AND REGULATIONS.
- ALL CONSTRUCTION MATERIALS AND OTHER PROPOSED IMPROVEMENTS SHALL MEET THE APPLICABLE CODES OF LAKE COUNTY.
- A MANDATORY HOMEOWNERS ASSOCIATION SHALL BE CREATED TO PROVIDE FOR MANAGEMENT OF ALL COMMON AREAS AND FACILITIES.
- PROJECT SIGNAGE WILL COMPLY WITH THE LAKE COUNTY LAND DEVELOPMENT CODE.
- LANDSCAPE BUFFERS SHALL MEET THE REQUIREMENTS OF LAKE COUNTY LDC.
- ANY WETLAND BUFFER AND/OR WETLAND IMPACT MITIGATION REQUIRED WILL BE PROVIDED PER SJRWMD AND LAKE COUNTY REQUIREMENTS.
- PROPOSED ROADS WILL BE PUBLIC.
- LOT DRAINAGE EASEMENTS SHALL BE PROVIDED, 5' SIDE AND REAR YARD DRAINAGE EASEMENTS REQUIRED.
- DEVELOPMENT TO BE COMPLETED IN ONE PHASE.
- THE MAXIMUM IMPERVIOUS SURFACE RATION (ISR) FOR THE OVERALL DEVELOPMENT IS 60%. SEE TABLE ON THIS SHEET.
- PER LDR REQUIREMENTS STATED IN SECTION 9.04.04, SIDEWALKS ARE REQUIRED ON AT LEAST ONE SIDE OF THE RIGHT-OF-WAY.
- ALL STREET LIGHTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND/OR HOA. LAKE COUNTY SHALL NOT MAINTAIN ANY STREET LIGHTING PROPOSED WITHIN THESE PLANS FOR THIS DEVELOPMENT.
- SIDEWALKS MUST HAVE SUBGRADE COMPACTED TO MINIMUM 98% OF MODIFIED PROCTOR TEST MAXIMUM DRY DENSITY.
- ALL CURB RAMPS, LANDINGS AND SIDEWALKS NOT FRONTING RESIDENTIAL LOTS MUST BE CONSTRUCTED WITH THE ROAD INFRASTRUCTURE. ALL SIDEWALKS FRONTING RESIDENTIAL LOTS MUST BE BONDED OR CONSTRUCTED WITH THE ROAD INFRASTRUCTURE.
- TWO 1" RECLAIMED WATER METERS WILL BE INSTALLED, ONE FOR TRACT C, AND ONE FOR TRACT K.

**TRACT / LAND USE TABLE**

TRACT NAME	USE	OWNERSHIP	MAINTENANCE	ACRE (±)
TRACT A	RIGHT OF WAY	COUNTY	COUNTY	4.37 (10.93%)
TRACT B	LANDSCAPE/OPEN SPACE/SIGNAGE	H.O.A.	H.O.A.	0.99 (2.48%)
TRACT C	OPEN SPACE/RETENTION	H.O.A.	H.O.A.	4.48 (11.20%)
TRACT D	LANDSCAPE/OPEN SPACE	H.O.A.	H.O.A.	0.84 (2.10%)
TRACT E	CONSERVATION	H.O.A.	H.O.A.	5.53 (13.83%)
TRACT F	CONSERVATION	H.O.A.	H.O.A.	7.60 (19.01%)
TRACT G	RIGHT OF WAY/DRAINAGE	COUNTY	COUNTY	1.43 (3.58%)
TRACT LS-1	LIFT STATION	UTILITIES INC.	UTILITIES INC.	0.02 (0.04%)
TRACT I	LANDSCAPE/OPEN SPACE/SIGNAGE	COUNTY	H.O.A.	0.02 (0.04%)
TRACT J	LANDSCAPE/OPEN SPACE/WALL/FENCE	H.O.A.	H.O.A.	0.22 (0.55%)
TRACT K	RECREATION	H.O.A.	H.O.A.	0.10 (0.26%)
TRACT UB-1	UPLAND BUFFER /OPEN SPACE	H.O.A.	H.O.A.	0.94 (2.36%)
TRACT UB-2	UPLAND BUFFER /OPEN SPACE	H.O.A.	H.O.A.	0.48 (1.21%)
TRACT UB-3	UPLAND BUFFER /OPEN SPACE	H.O.A.	H.O.A.	0.24 (0.60%)
TRACT UB-4	UPLAND BUFFER /OPEN SPACE	H.O.A.	H.O.A.	0.19 (0.47%)
TRACT UB-5	UPLAND BUFFER /OPEN SPACE	H.O.A.	H.O.A.	0.002 (0.00%)
SINGLE FAMILY LOTS:				12.52 (31.32%)
TOTAL PROJECT AREA:				39.97 (100.0%)

**COMMON OPEN SPACE**

OPEN SPACE REQUIRED:  
25% OF NET BUILDABLE AREA  
26.95 AC x 25% = 6.74 ACRES REQUIRED

OPEN SPACE PROVIDED:

TRACT B	0.99 AC.
TRACT C (SURFACE WATER RETENTION AREA SUBTRACTED)	2.82 AC.
TRACT D	0.84 AC.
TRACT J	0.02 AC.
TRACT UB-1	0.22 AC.
TRACT UB-2	0.94 AC.
TRACT UB-3	0.48 AC.
TRACT UB-4	0.24 AC.
TRACT UB-5	0.19 AC.
TRACT UB-5	0.002 AC.
<b>OPEN SPACE TOTAL</b>	<b>6.742 AC.</b>

**LAND USE:**

- GROSS PROJECT AREA: 39.97 AC.
- NET DENSITY:  
ESTIMATED PROPOSED NET BUILDABLE AREA:  
= GROSS AREA (39.97 AC.) - EXIST. WETLANDS (13.02) = 26.95 AC.  
PROPOSED MAXIMUM NET DENSITY:  
= # OF LOTS (92 DU) / BUILDABLE AREA (26.95 AC.)  
= 3.41 DU/AC.
- GROSS DENSITY:  
PROPOSED MAXIMUM NET DENSITY:  
= # OF LOTS (92 DU) / GROSS AREA (39.97 AC.)  
= 2.30 DU/AC.

**SOILS LEGEND**

SOIL NUMBER	SOIL NAME	HYDROLOGIC GROUP
8	CANDLER SANDS 0-5% SLOPE	A
20	IMMOKALEE SAND	B/D
40	PLACID AND MYAKKA FINE SANDS, DEPRESSIONAL	A/D
41	POMELLO SAND, 0-5% SLOPE	C
44	SWAMP	D*
45	TAVARES SAND, 0-5% SLOPE	A

SOURCE: UNIVERSAL ENGINEERING SCIENCES  
GEOTECHNICAL REPORT DATED 08/07/2019  
\* SOIL 44 WAS DETERMINED PER WEB SOILS SURVEY MAP, HYDROLOGIC GROUP D WAS ASSUMED.

**IMPERVIOUS AREA BREAKDOWN**

AREA TYPE	AREA (AC)	IMPERVIOUS AREA (AC)	IMPERVIOUS (%)
RIGHT OF WAY	4.37	3.42	78
LOTS*	12.52	9.38	75
OPEN SPACE	6.74	0.0	0
CONSERVATION	13.13	13.13	100
RECREATION	0.10	0.08	75
LIFT STATION	0.02	0.02	100
RETENTION	1.68	1.68	100
LAKE COUNTY RIGHT OF WAY	1.43	0.51	36
<b>TOTAL</b>	<b>39.97</b>	<b>28.39</b>	<b>71%</b>

\*4125 SF IMPERVIOUS PER TYPICAL LOT

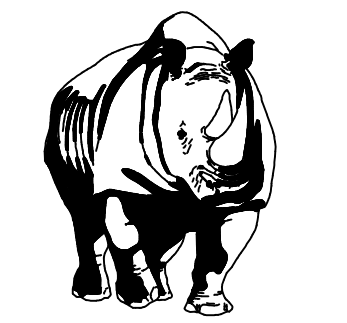
- LEGEND:**
- BOUNDARY / PROPERTY LINE
  - WETLAND LINE
  - WETLAND BUFFER LINE
  - CENTER LINE
  - EDGE OF PAVEMENT / MIAMI CURB
  - RIGHT-OF-WAY LINE
  - EASEMENT
  - LOT LINE
  - BUILDING SETBACK LINE
  - 100 YR FLOOD LINE (FEMA)
  - WETLAND



GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

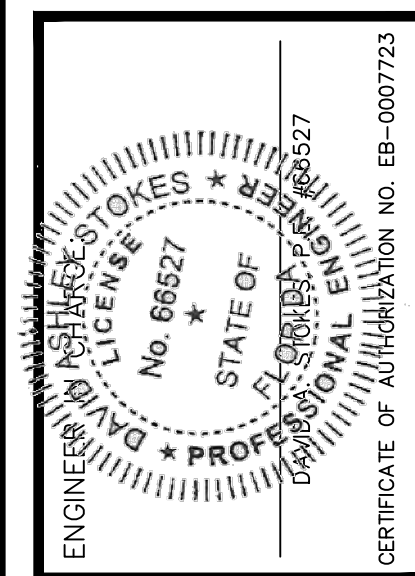


**MADDEN**  
MOORHEAD & STOKES, LLC  
**CIVIL ENGINEERS**

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

SITE/ GEOMETRY PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

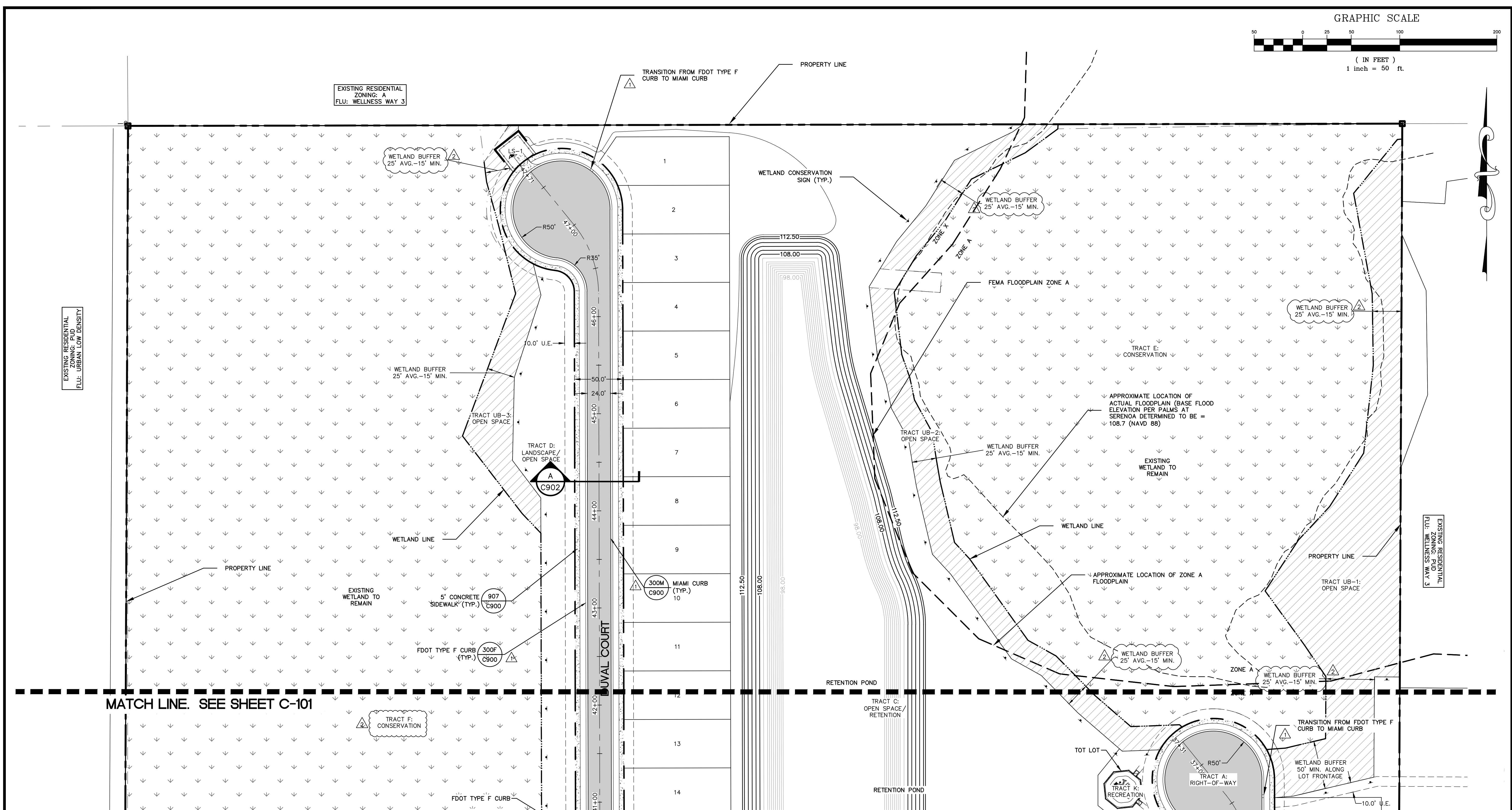
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



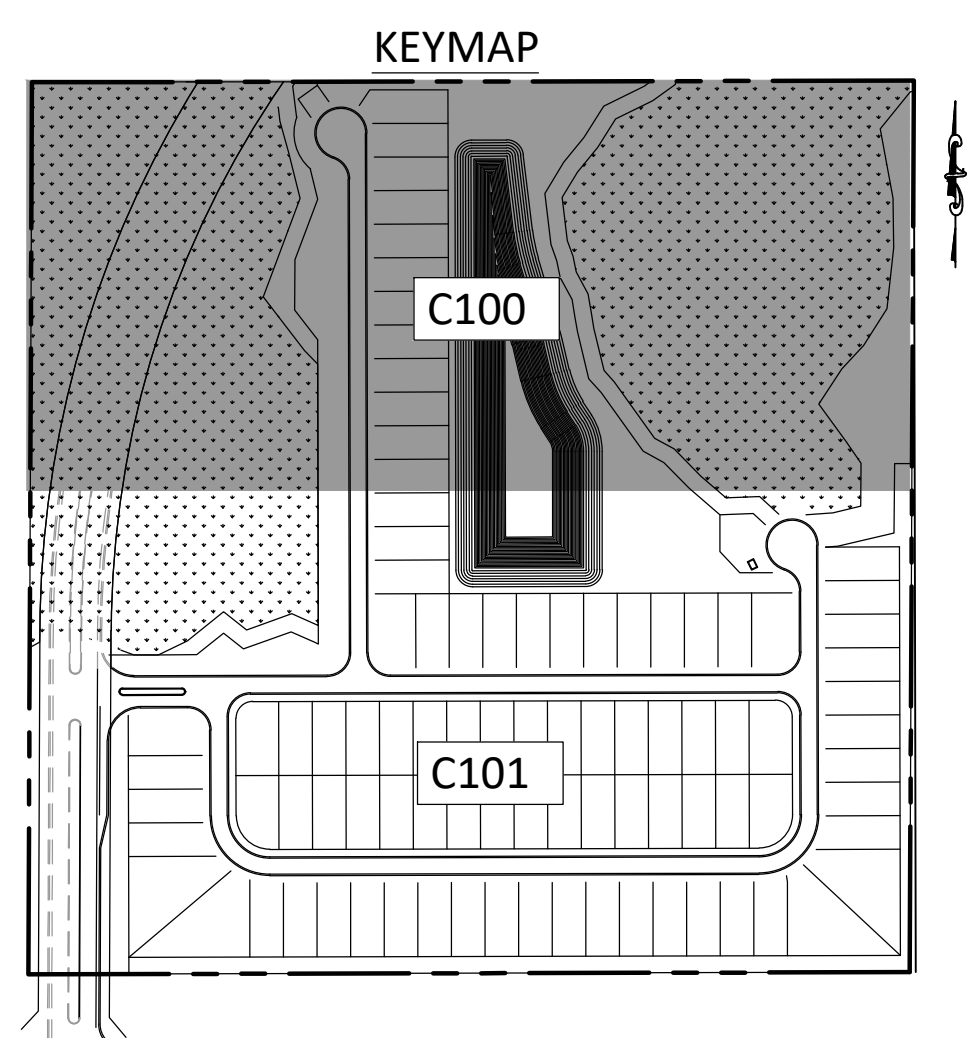
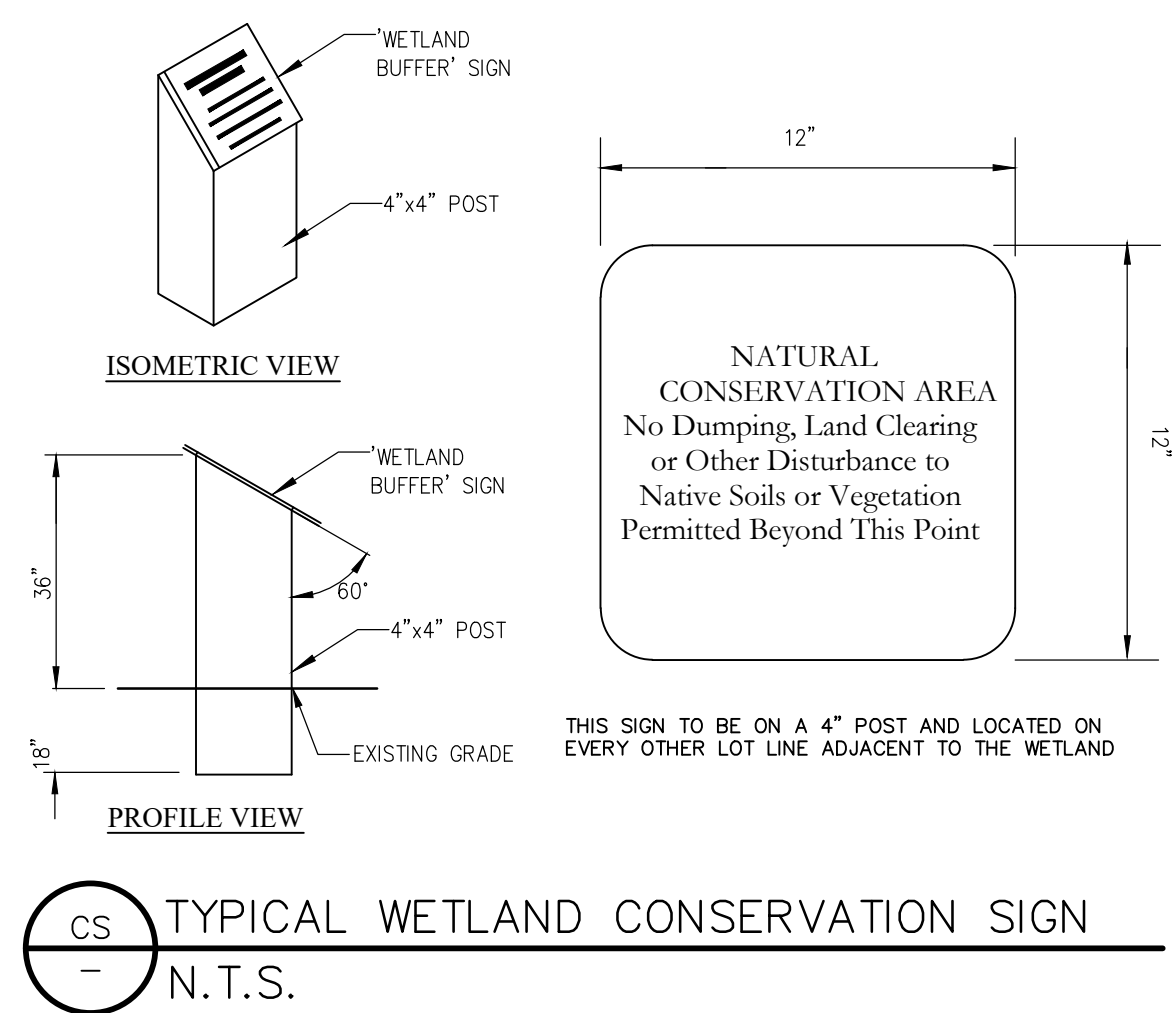
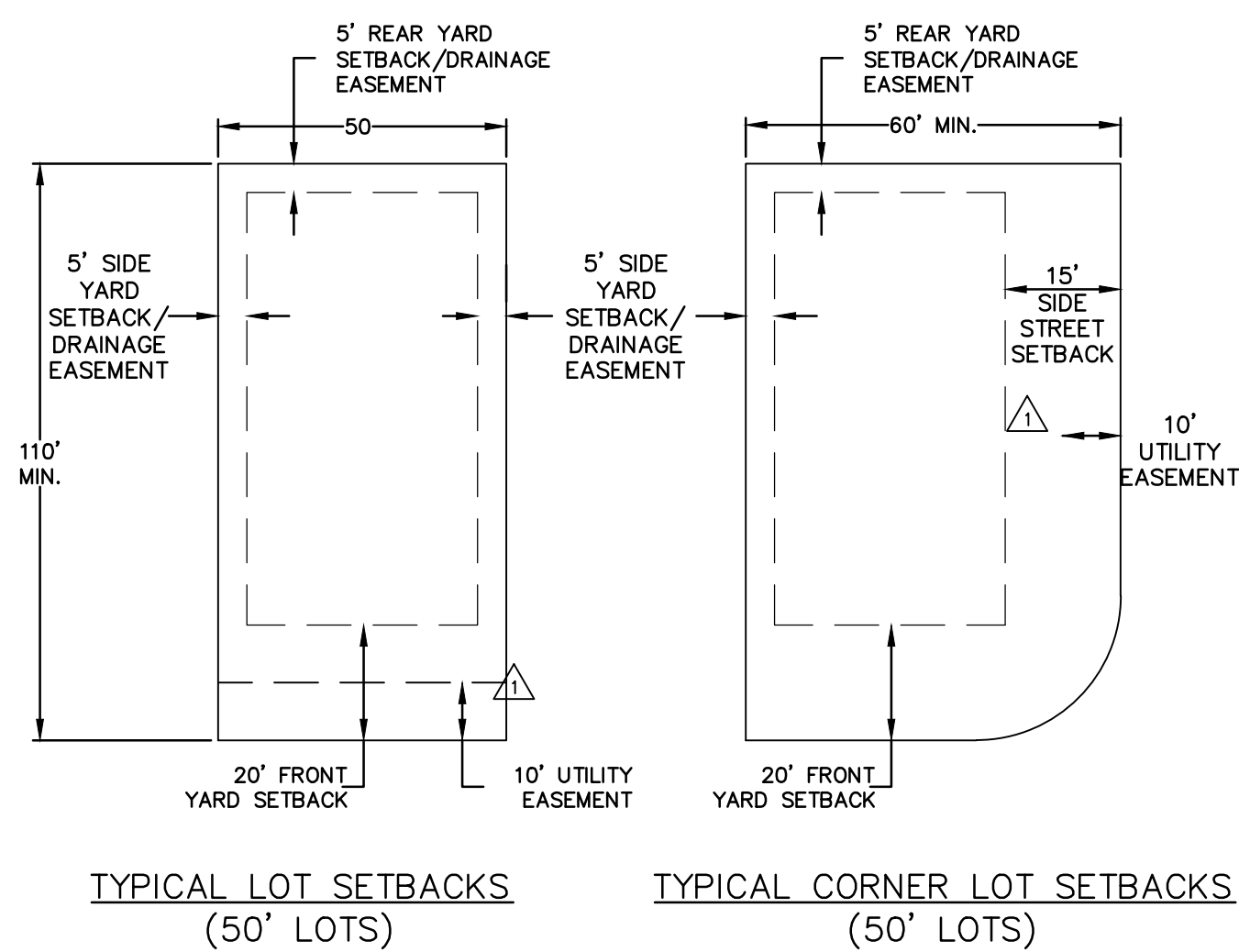
NO.	DATE	REVISIONS
1	12/04/20	REVISED PER LAKE COUNTY COMMENTS
2	03/11/21	REVISED PER SRMMD COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C100



MATCH LINE. SEE SHEET C-101

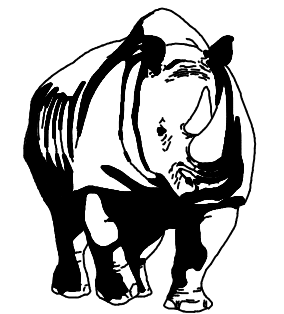


H:\Data\19058\_Eng\Final\SRMMD (c) future rev\19058\_C100 - SITE PLAN.dwg March 10, 2021 2:51 PM

GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

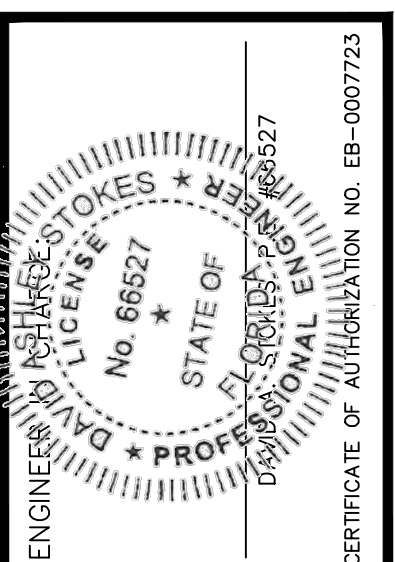


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

SITE/ GEOMETRY PLAN  
FOR  
**EDGEMONT**  
LAKE COUNTY  
FLORIDA

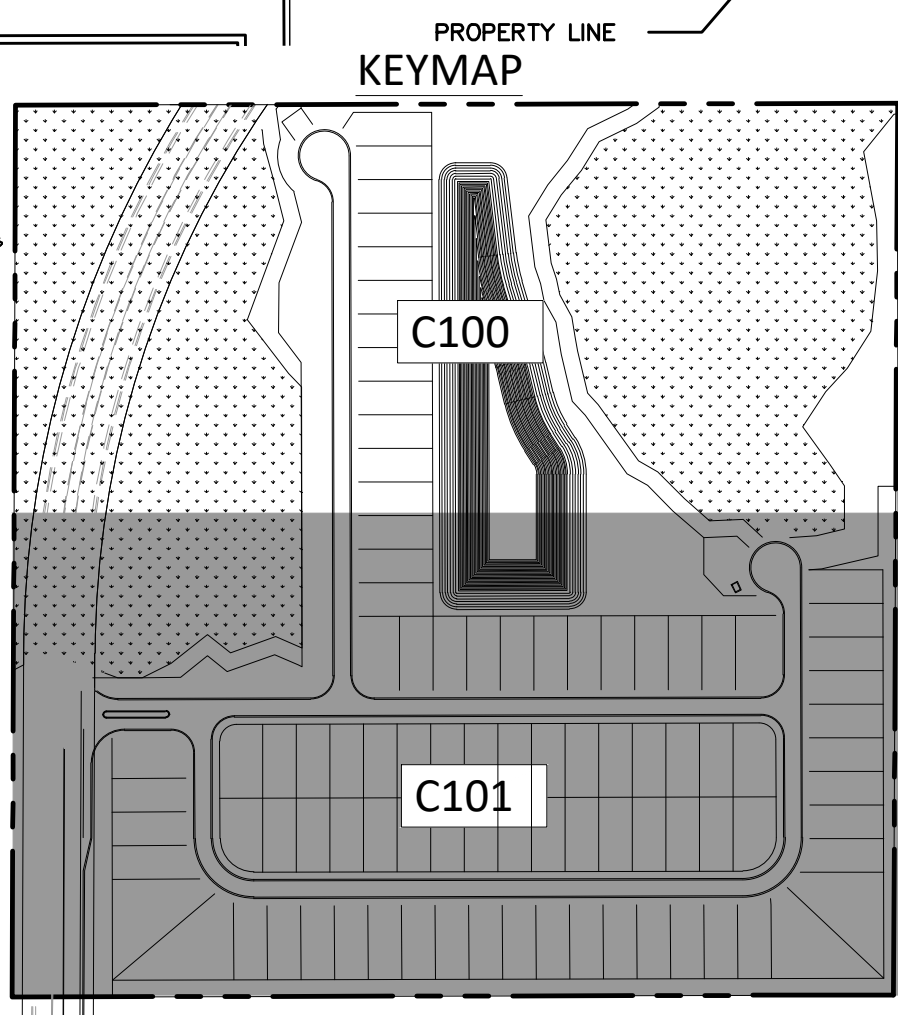
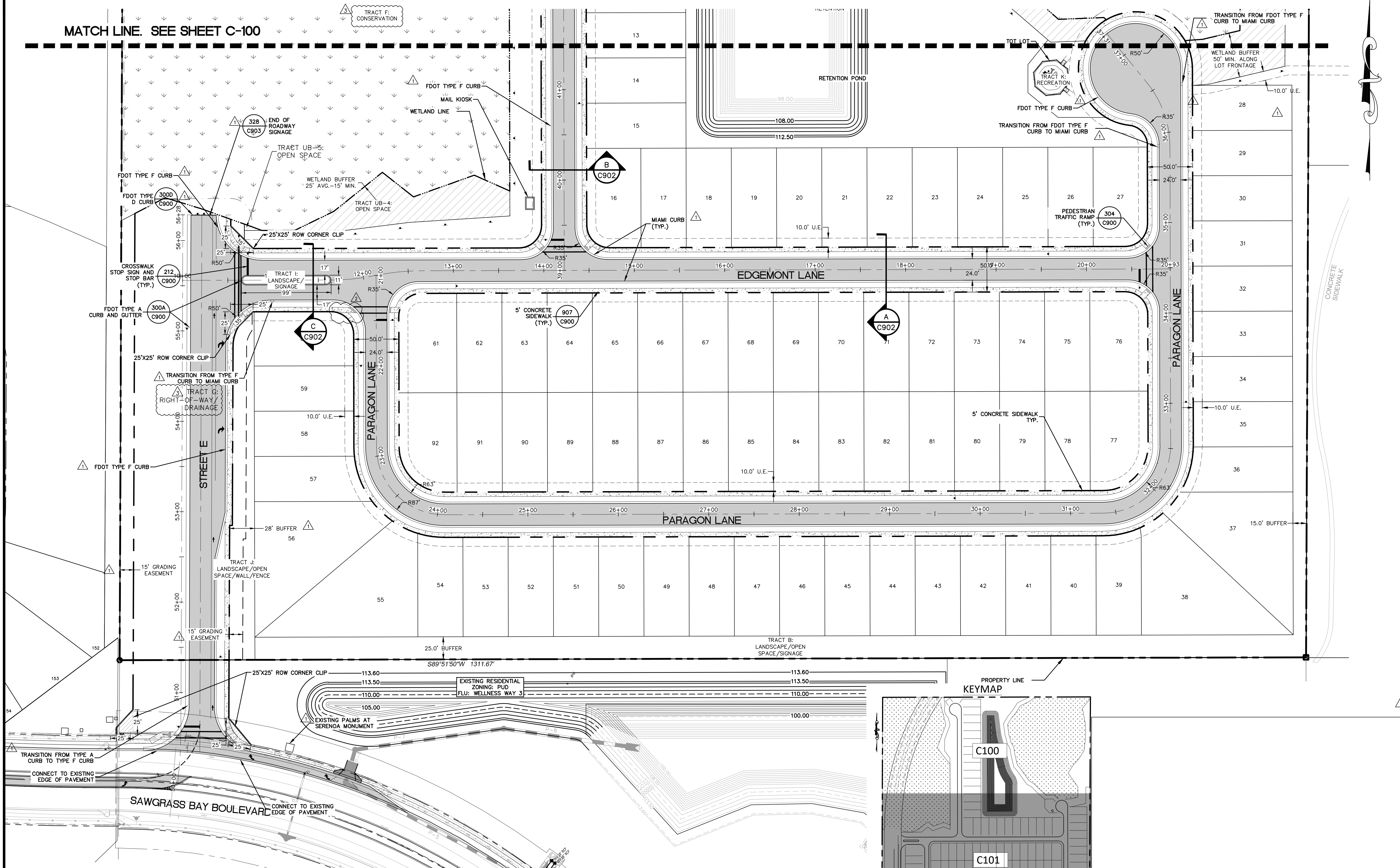
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2	07/14/21	REVISED PER LAKE COUNTY COMMENTS
3	03/29/21	REVISED PER SHRMID COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

**C101**

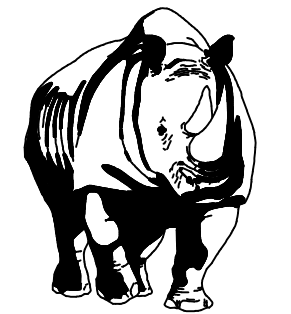


H:\Data\19058\_Eng\Final\SRMID (c) future rev\19058\_C100 - SITE PLAN.dwg March 2, 2021 1:00 PM

GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

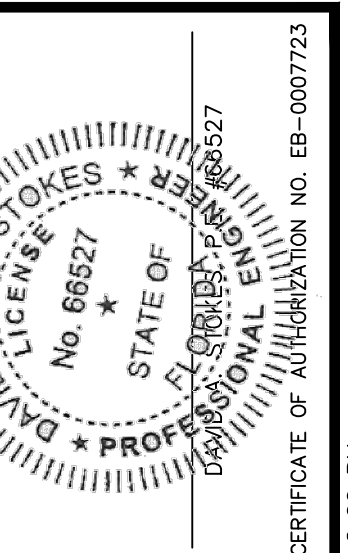


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

DRAINAGE PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

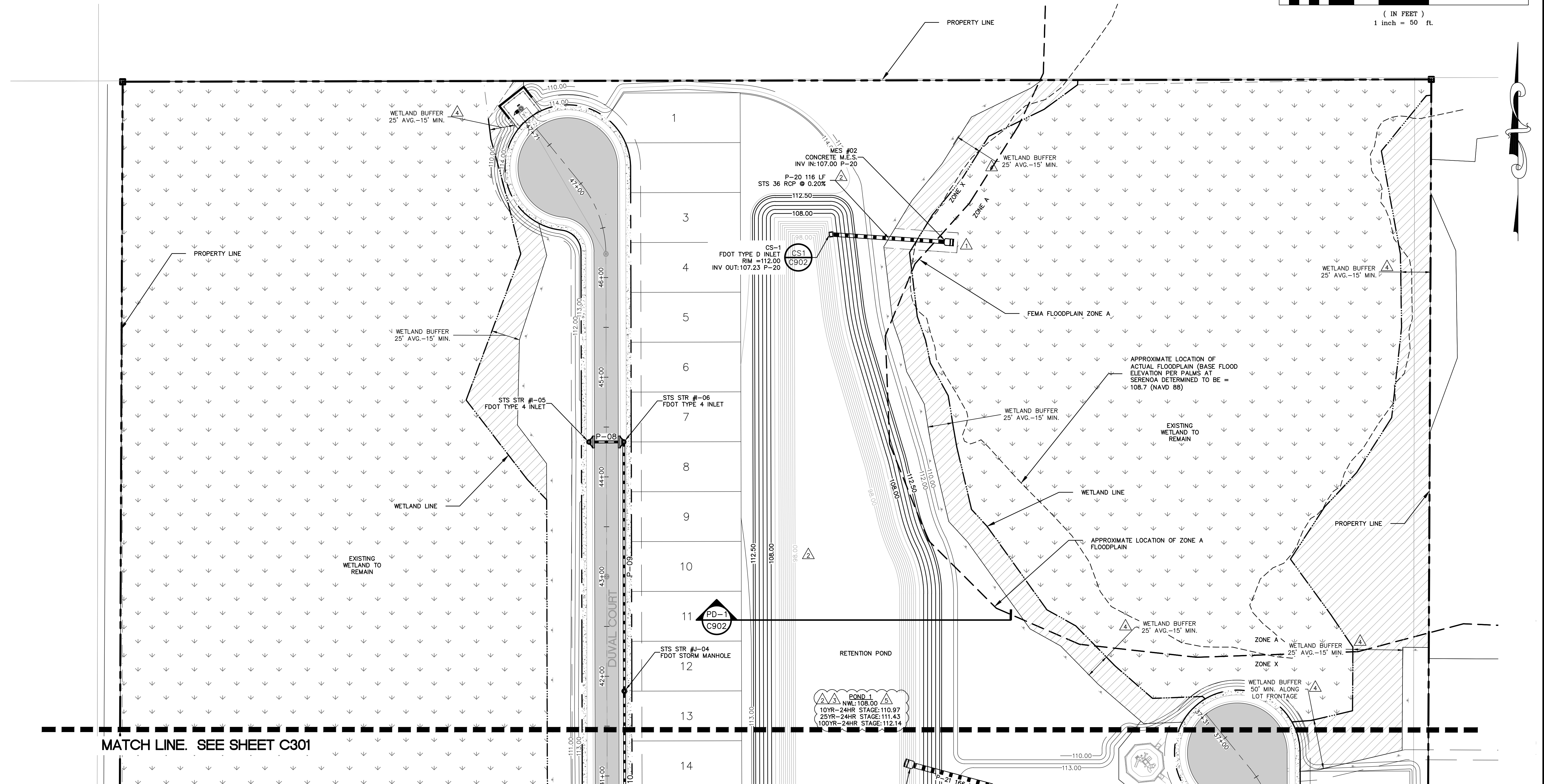
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	10/29/20	REVISED PER SRMMD COMMENTS
2	12/09/20	REVISED PER LAKE COUNTY COMMENTS
3	01/21/21	REVISED PER SRMMD COMMENTS
4	03/17/21	REVISED PER SRMMD COMMENTS
5	03/25/21	REVISED PER SRMMD COMMENTS
6		
7		
8		
9		
10		
11		

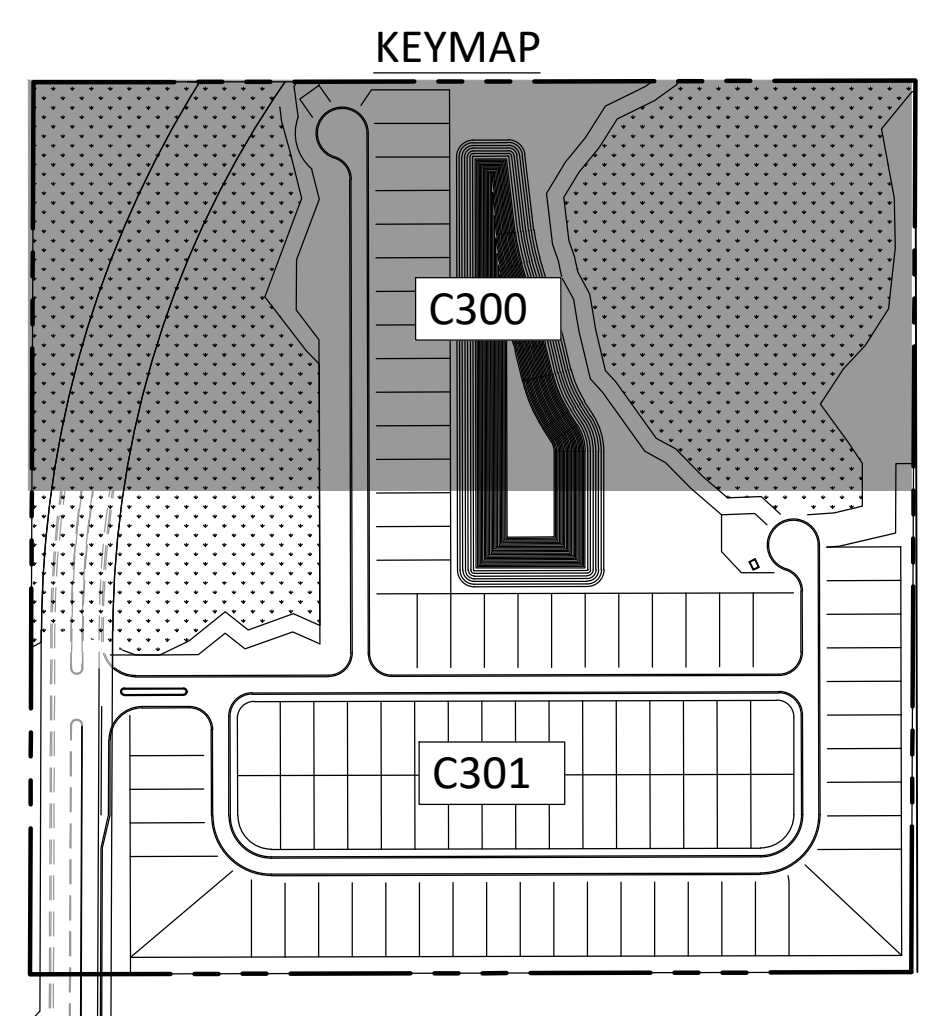
JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C300



MATCH LINE. SEE SHEET C301

- NOTES:
- ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.
  - ALL STORM PIPES UP TO 36" MAY BE SUBSTITUTED FOR HP AT THE CLIENTS CHOICE.



H:\Data\19058\Eng\Final\SRMMD (c) future rev\19058\_C300 - DRAINAGE PLAN.dwg March 25, 2021 2:00 PM

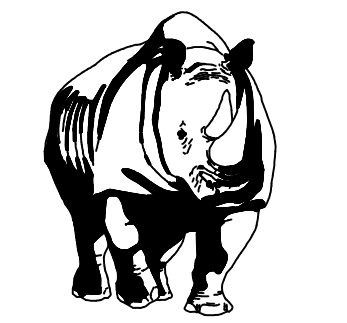
GRAPHIC SCALE



( IN FEET )  
1 inch = 50 ft.

NOTES:

- 1. ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.
- 2. ALL STORM PIPES UP TO 36" MAY BE SUBSTITUTED FOR HP AT THE CLIENTS CHOICE.

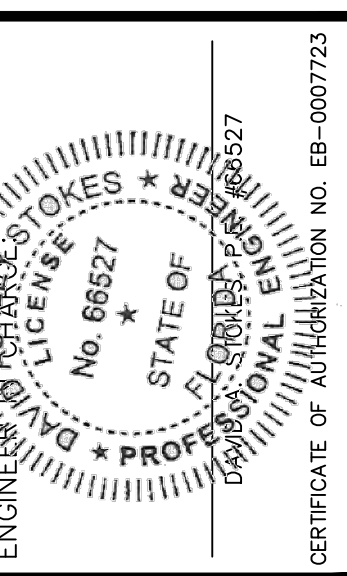


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

DRAINAGE PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

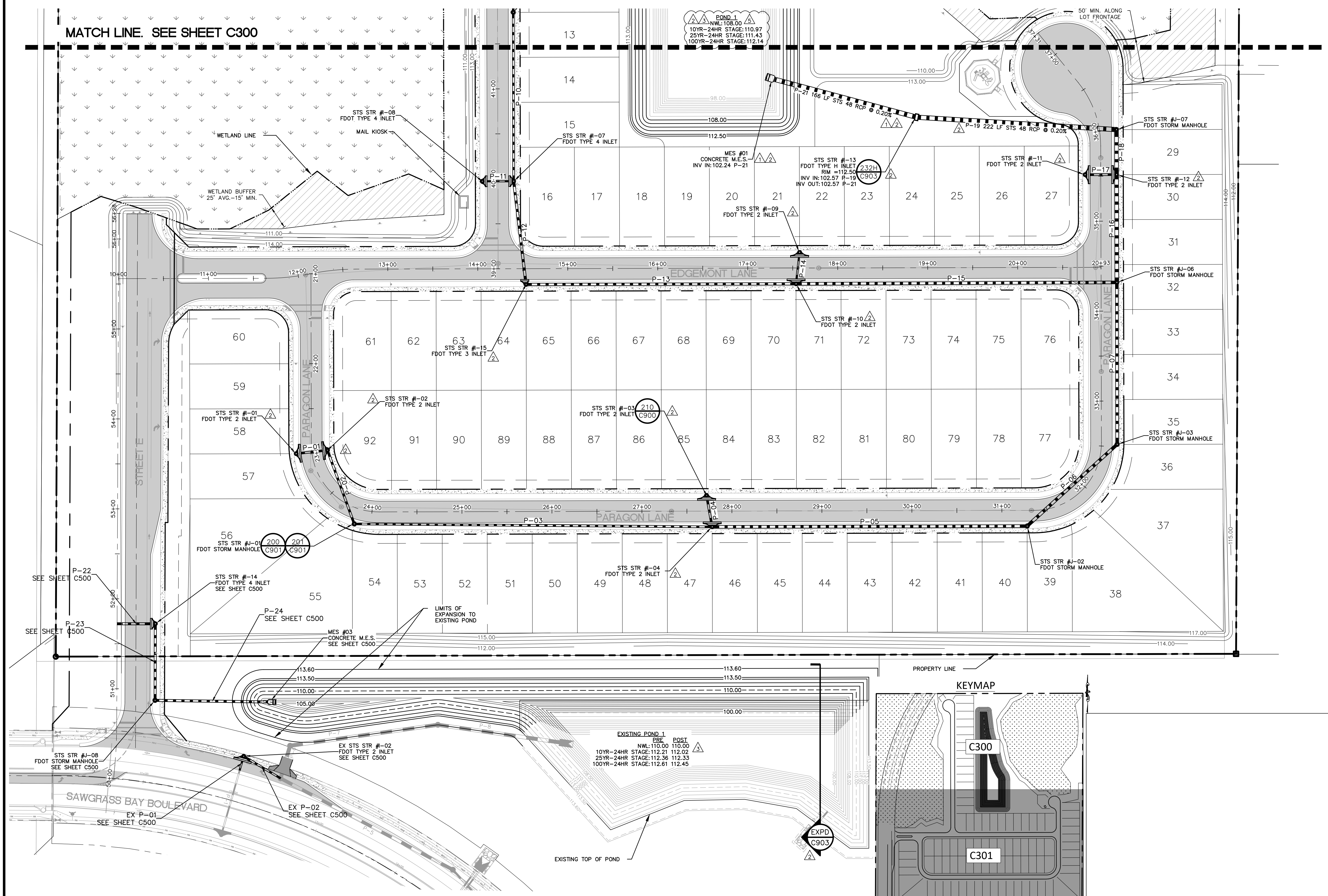
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	09/21/20	REVISED PER DC
2	12/09/20	REVISED PER LAKE COUNTY COMMENTS
3	02/02/21	REVISED PER SRMID COMMENTS
4	03/02/21	REVISED FUTURE ROW PER SRMID COMMENTS
5	03/25/21	REVISED PER SRMID COMMENTS
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C301



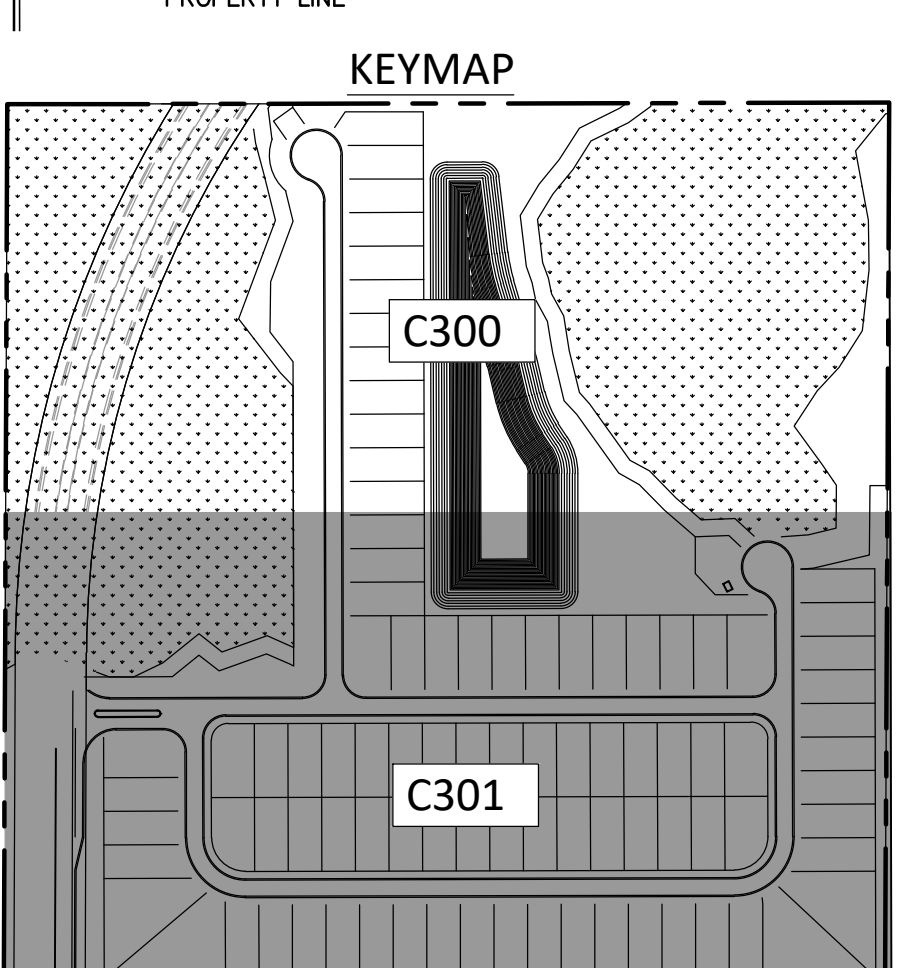
MATCH LINE. SEE SHEET C300

**POND 1**  
NWL: 108.00  
10YR-24HR STAGE: 110.97  
25YR-24HR STAGE: 111.43  
100YR-24HR STAGE: 112.14

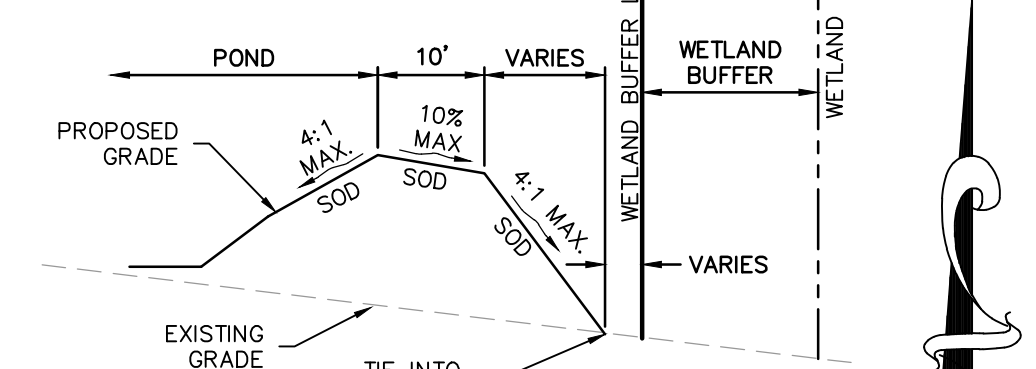
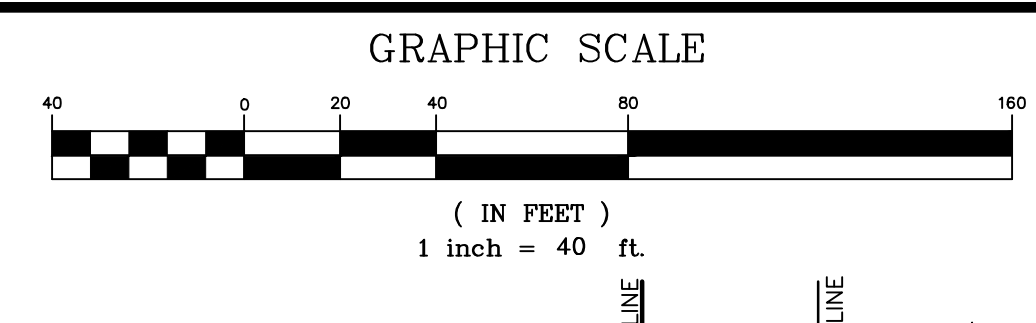
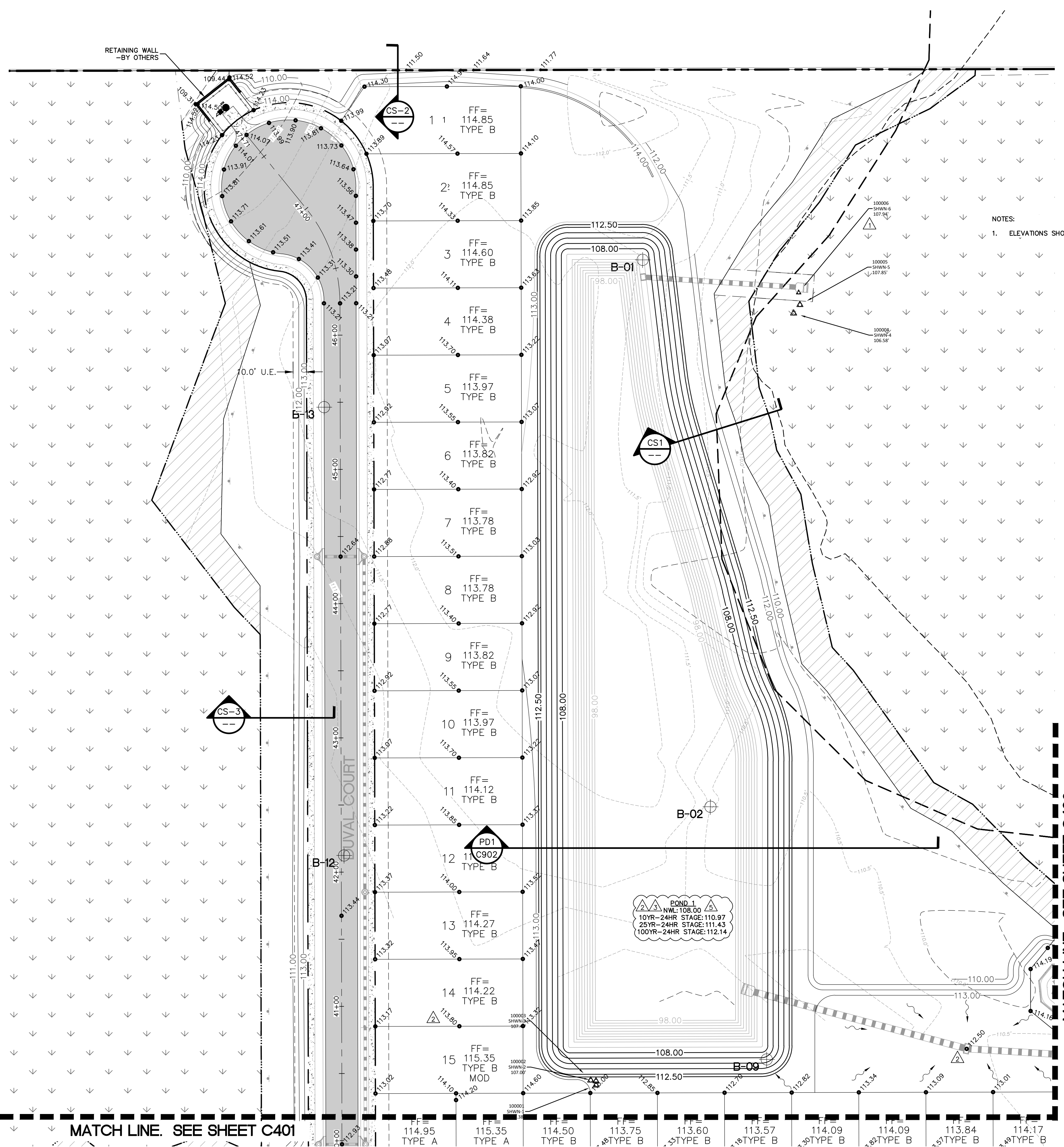
**MES #01**  
CONCRETE M.E.S.  
INV IN: 102.24 P-21

**MES #03**  
CONCRETE M.E.S.  
SEE SHEET C500

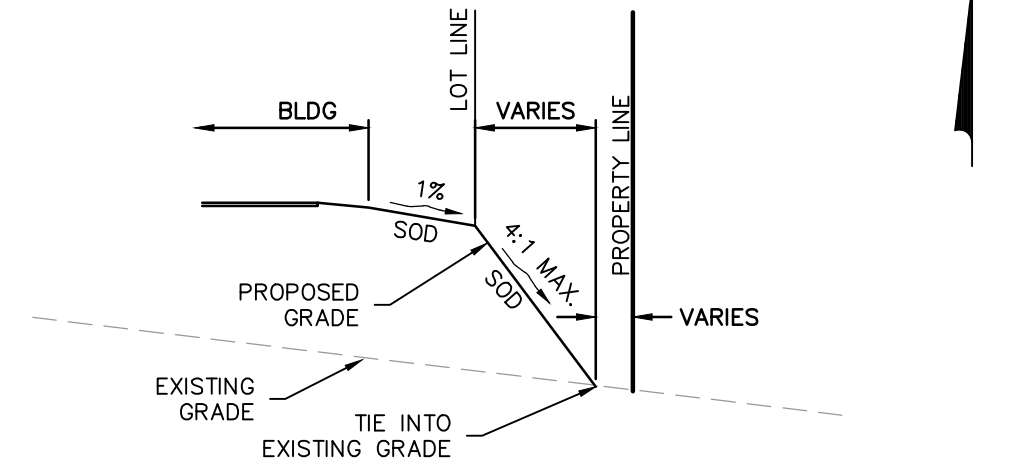
**EXISTING POND 1**  
PRE POST  
NWL: 110.00 110.00  
10YR-24HR STAGE: 112.21 112.02  
25YR-24HR STAGE: 112.36 112.33  
100YR-24HR STAGE: 112.61 112.45



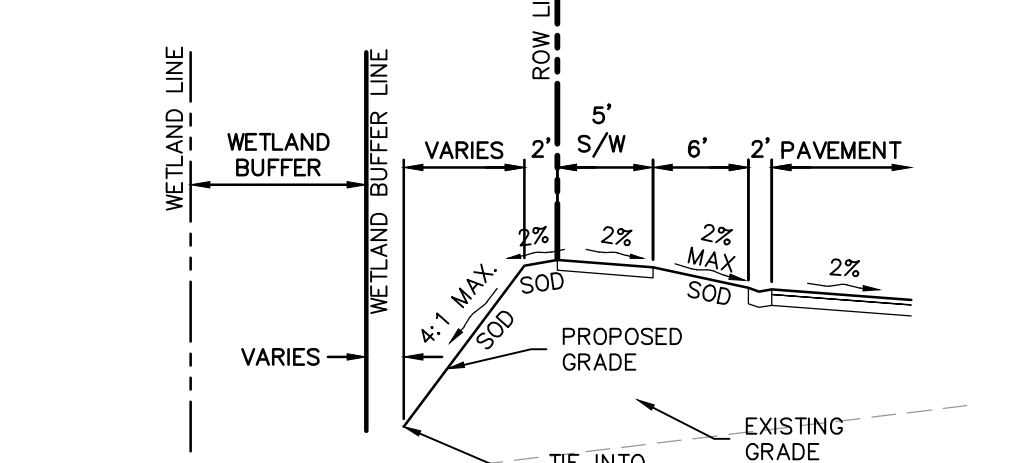
H:\Data\19058\Eng\Final\SRMID (c) future row\19058\_C300 - DRAINAGE PLAN.dwg March 25, 2021 2:09 PM



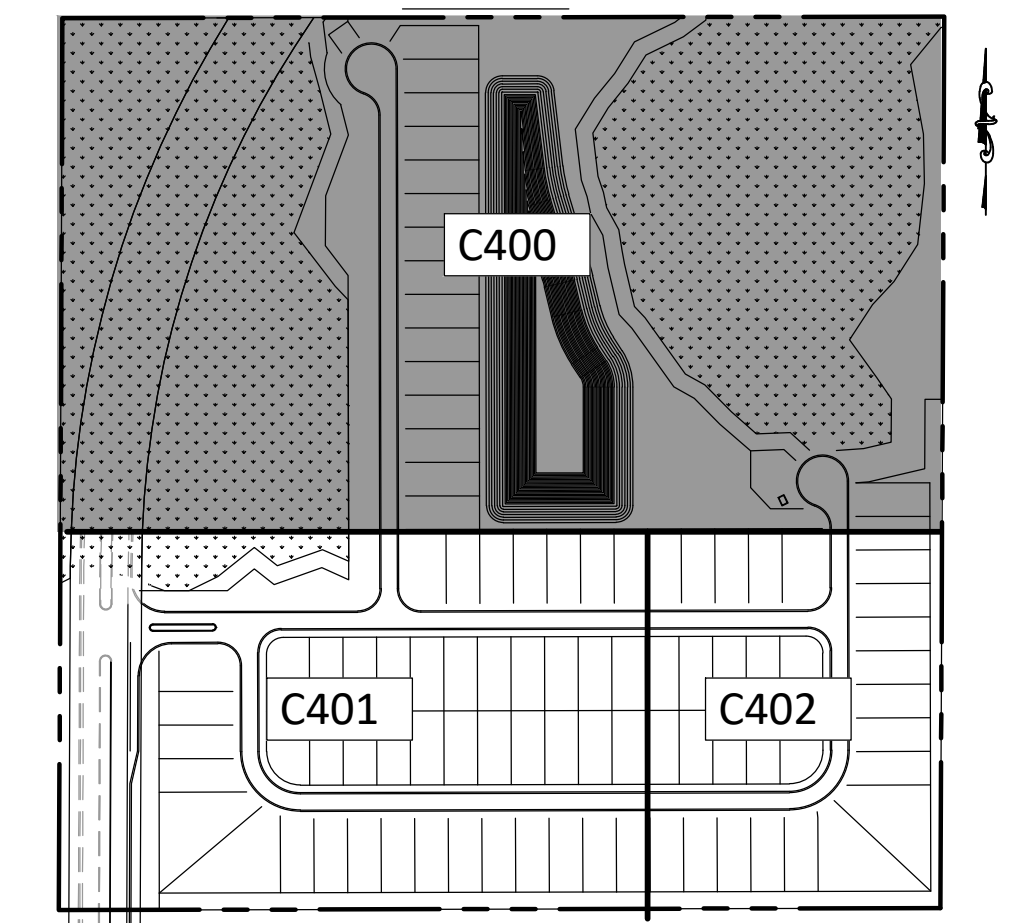
CS1 TIE IN SECTION #1  
N.T.S.



CS2 TIE IN SECTION #2  
N.T.S.



CS3 TIE IN SECTION #3  
N.T.S.



MATCH LINE. SEE SHEET C401

MATCH LINE. SEE SHEET C402

**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

GRADING PLAN FOR  
**EDGE MONT**  
LAKE COUNTY FLORIDA

DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

ENGINEER  
DAVID W. STOKES  
No. 66627  
STATE OF FLORIDA  
PROFESSIONAL SEAL  
CERTIFICATE OF AUTHORIZATION NO. EB-0007723  
EXPIRES 12/31/2027

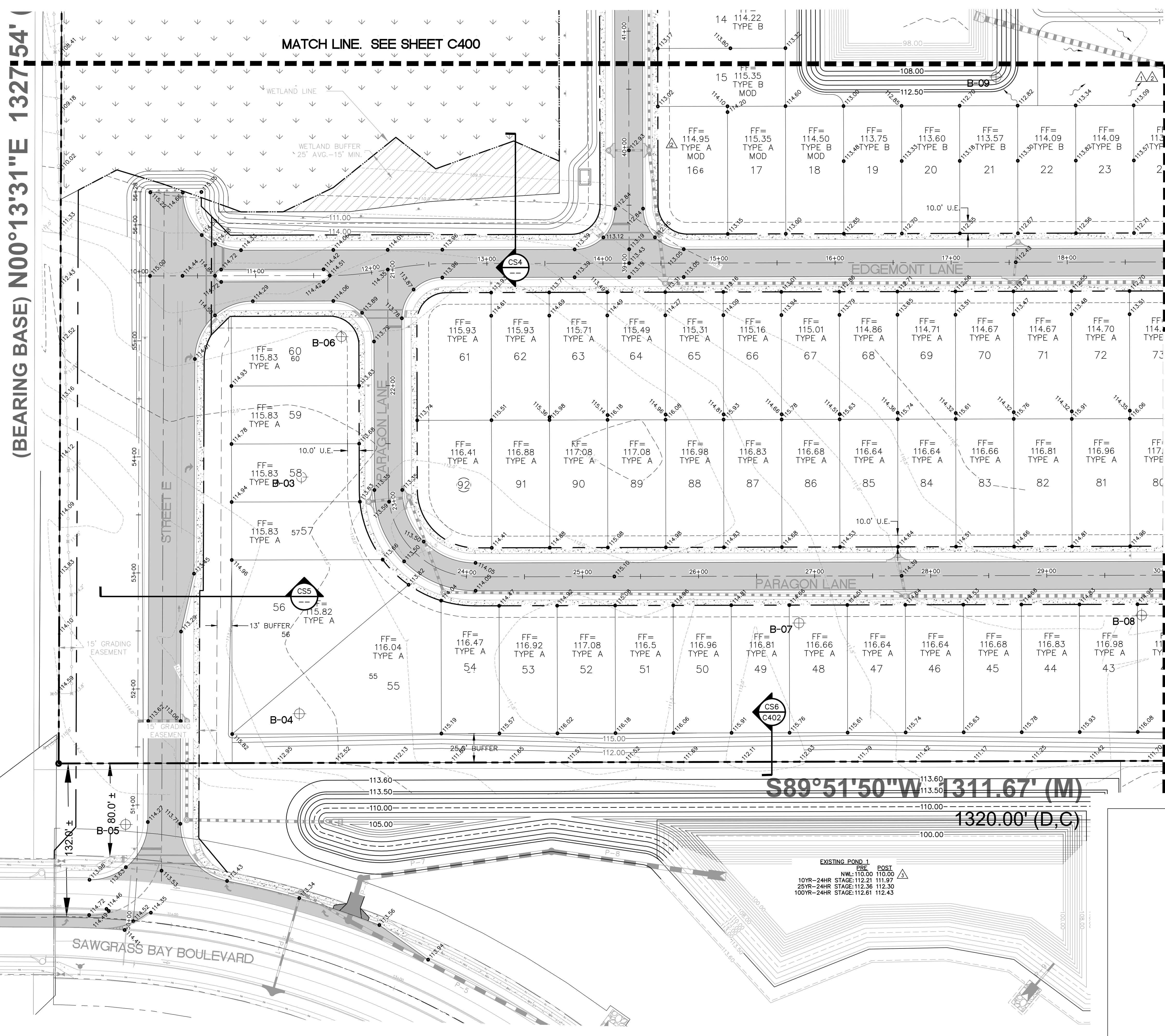
NO.	DATE	REVISIONS
1	10/29/20	REVISED PER SWM COMMENTS
2	12/09/20	REVISED PER LAKE COUNTY COMMENTS
3	02/02/21	REVISED FUTURE ROW PER SWM COMMENTS
4	03/02/21	REVISED FUTURE ROW PER SWM COMMENTS
5	03/25/21	REVISED PER SWM COMMENTS
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=40'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C400

(BEARING BASE) N00°13'31"E 1327.54'

MATCH LINE. SEE SHEET C400

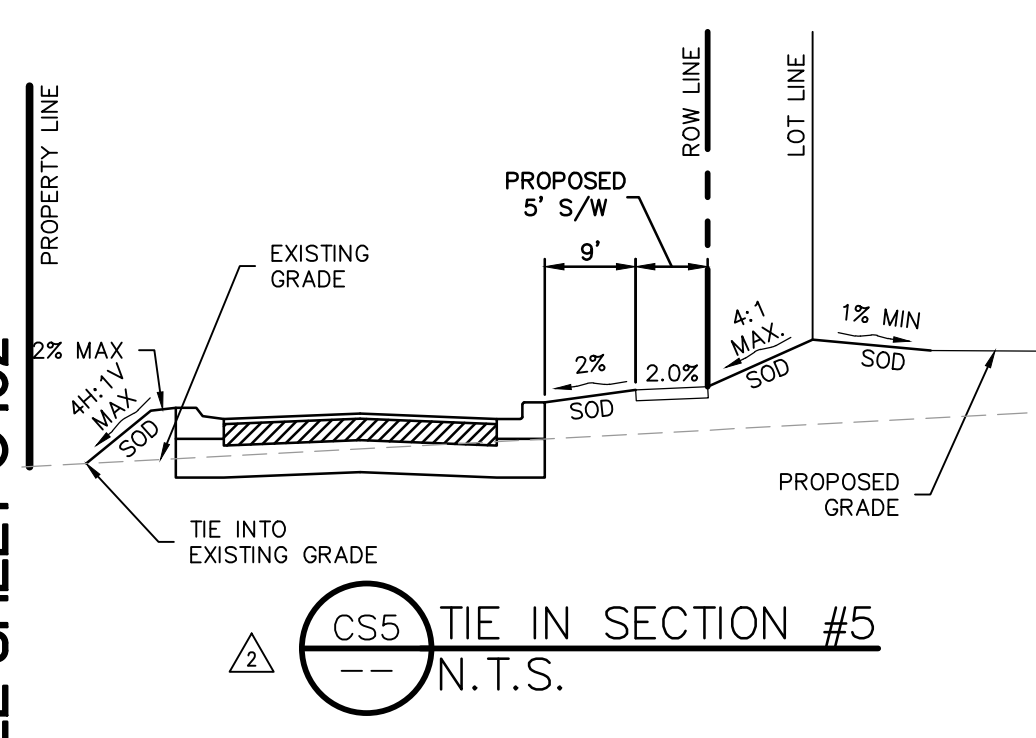
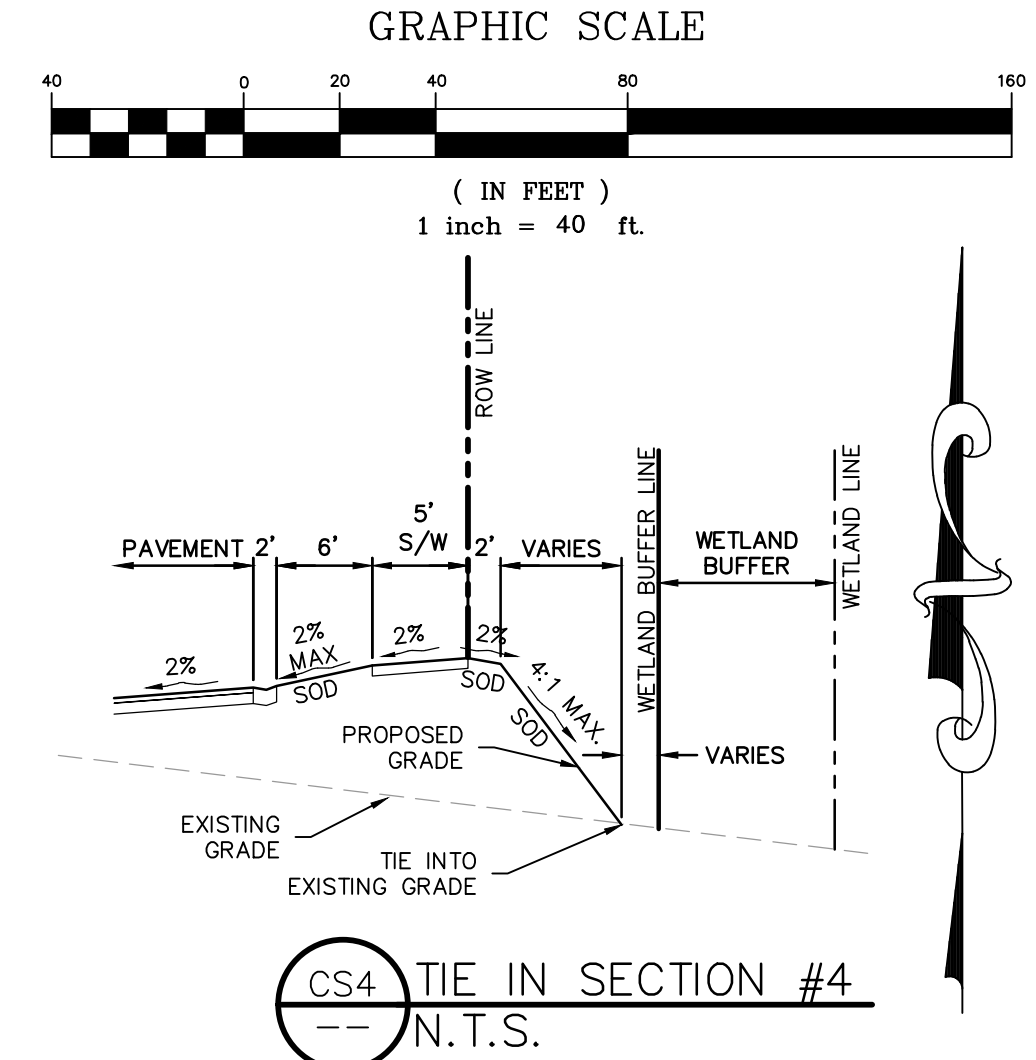


S89°51'50"W 1311.67' (M)

1320.00' (D,C)

EXISTING POND 1

PRE	POST
NWL: 110.00	110.00
10YR-24HR STAGE: 112.21	111.97
25YR-24HR STAGE: 112.36	112.30
100YR-24HR STAGE: 112.61	112.43

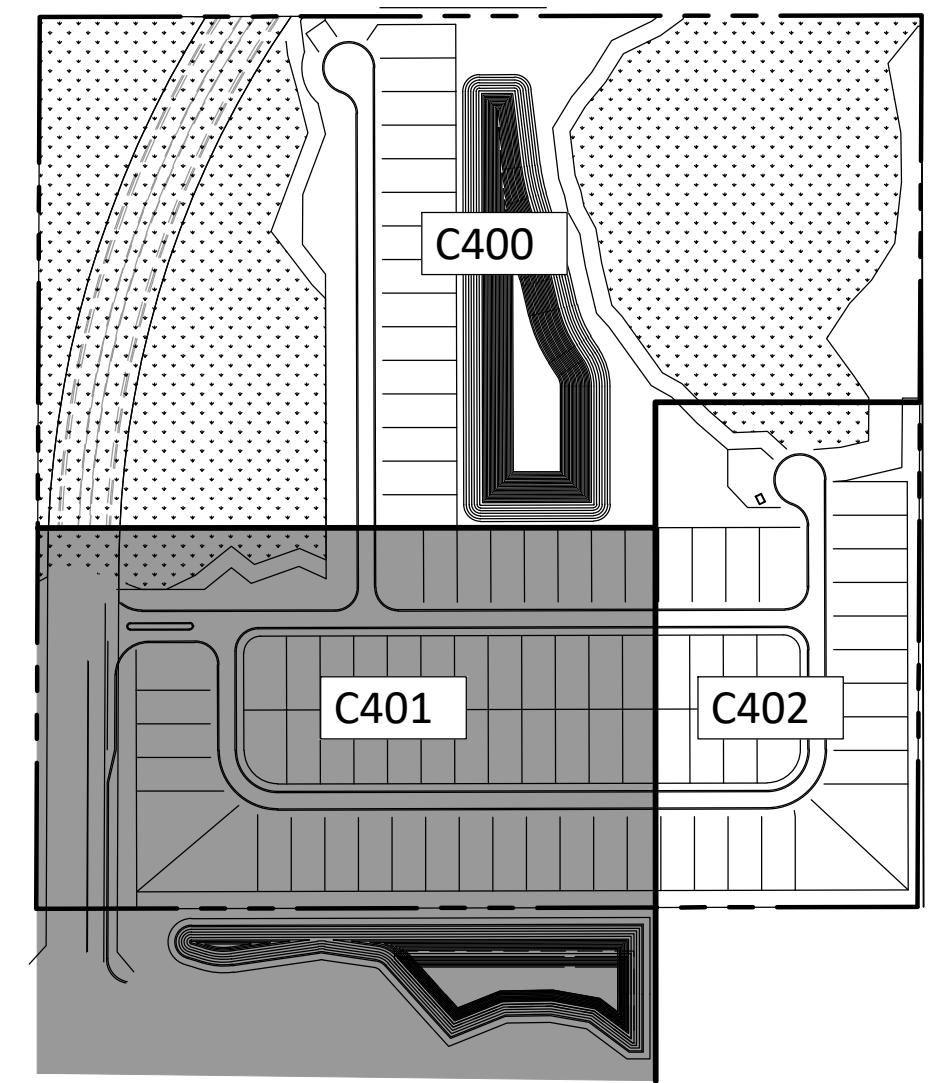


NOTES:  
1. ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.

LEGEND

⊕ APPROXIMATE LOCATION OF SOIL BORINGS

KEYMAP



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

GRADING PLAN FOR  
**EDGEMONT**  
FLORIDA  
LAKE COUNTY

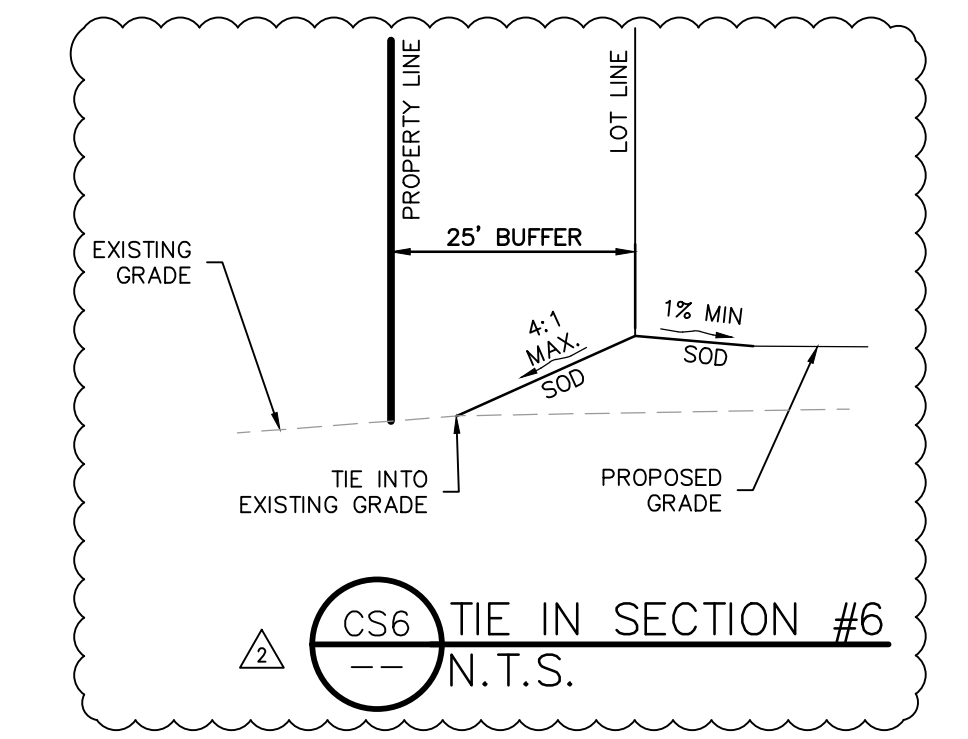
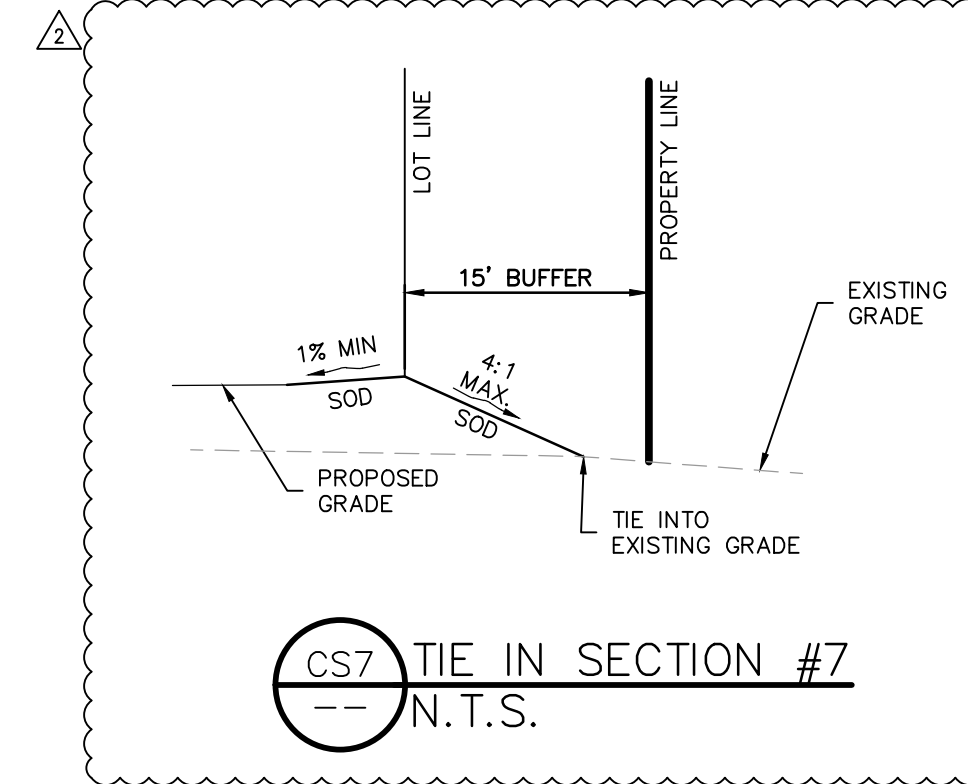
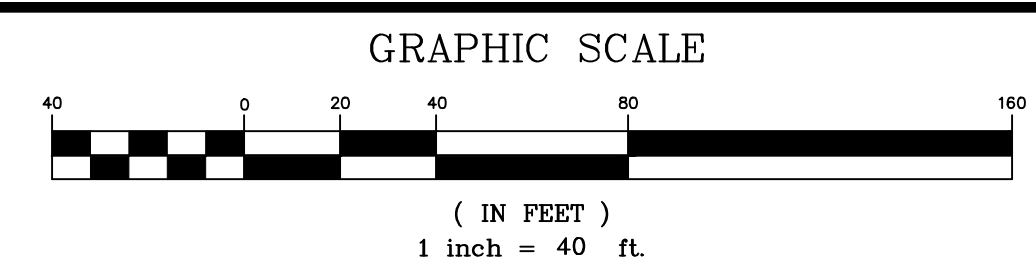
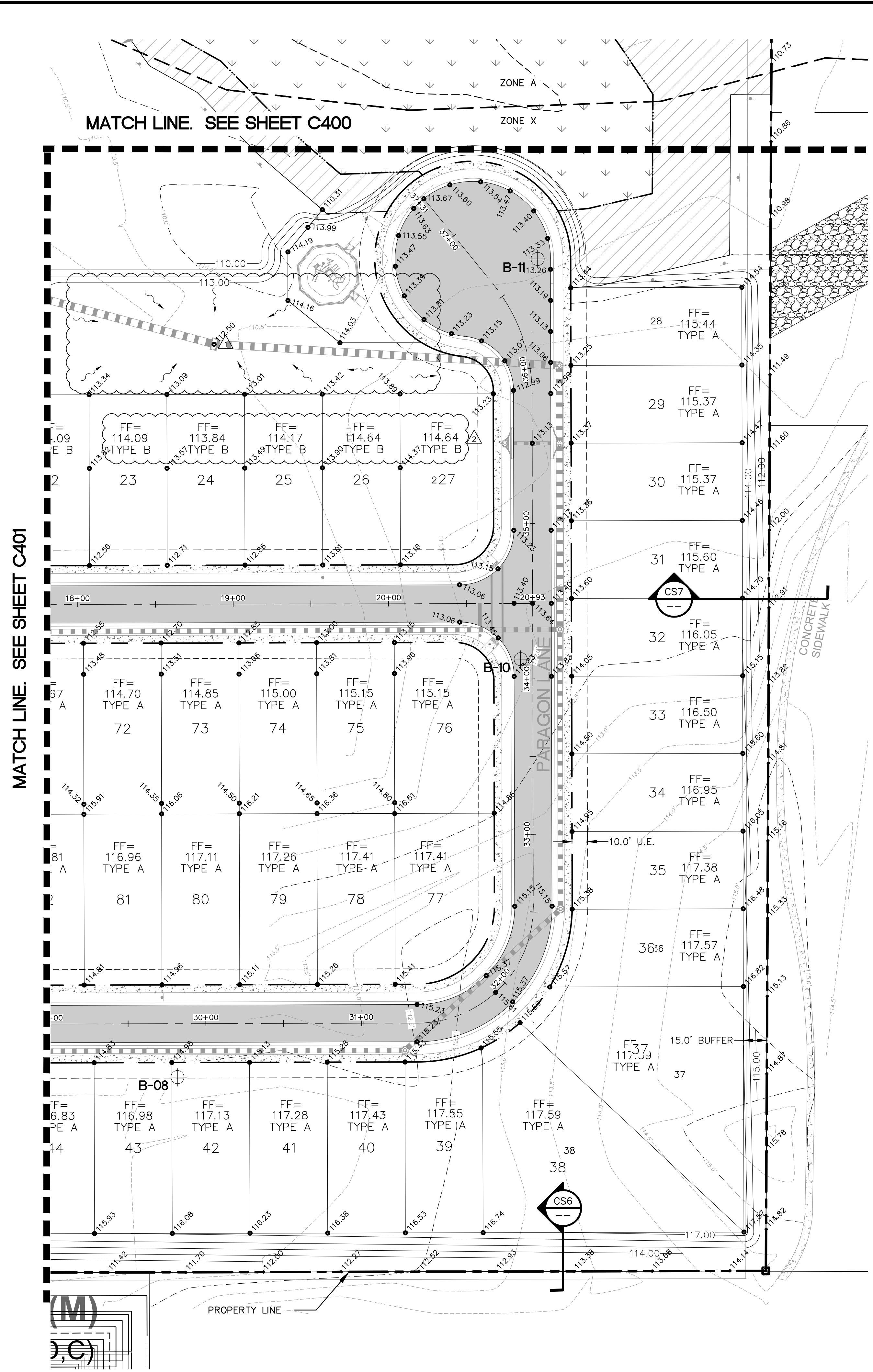
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

DAVID W. STOKES  
No. 66627  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
CIVIL ENGINEERING

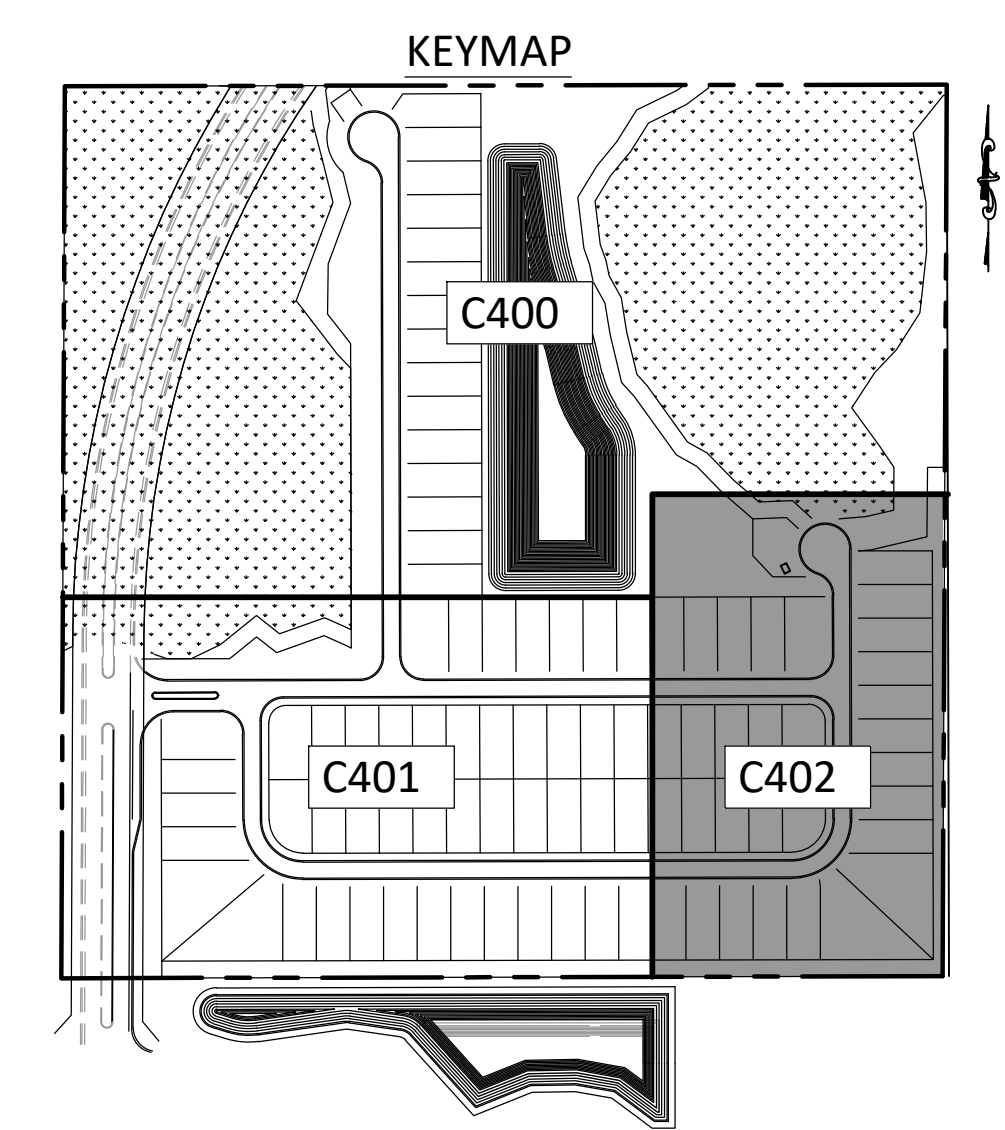
NO.	DATE	REVISIONS
1	10/29/20	REVISION PER SURVIVOR COMMENTS
2	12/08/20	REVISION PER LAKE COUNTY COMMENTS
3	01/20/21	REVISION PER SURVIVOR COMMENTS
4	03/02/21	REMOVED FUTURE ROW PER SURVIVOR COMMENTS
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=40'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C401



NOTES:  
1. ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

GRADING PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

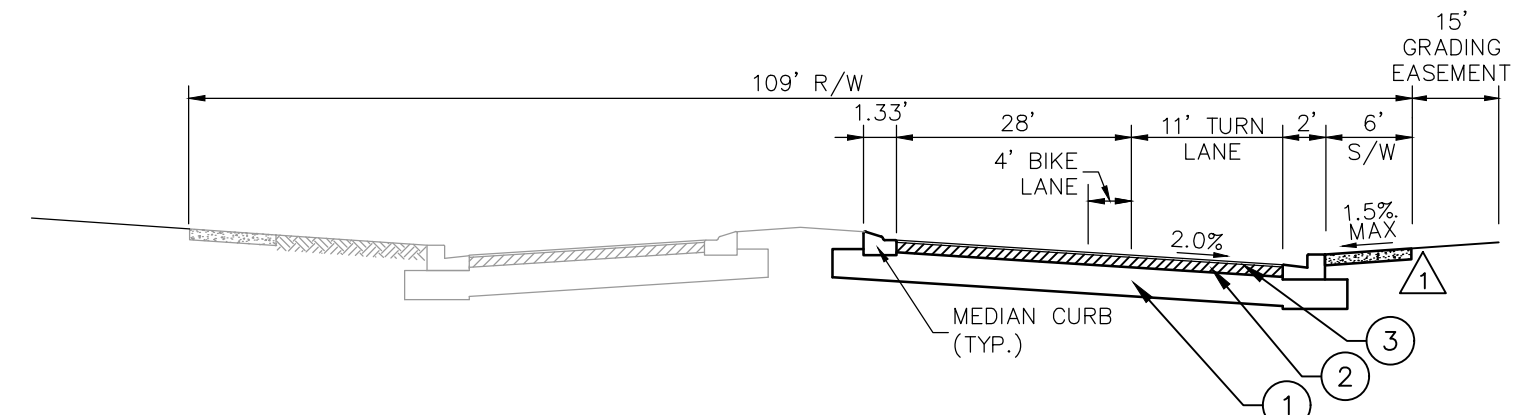
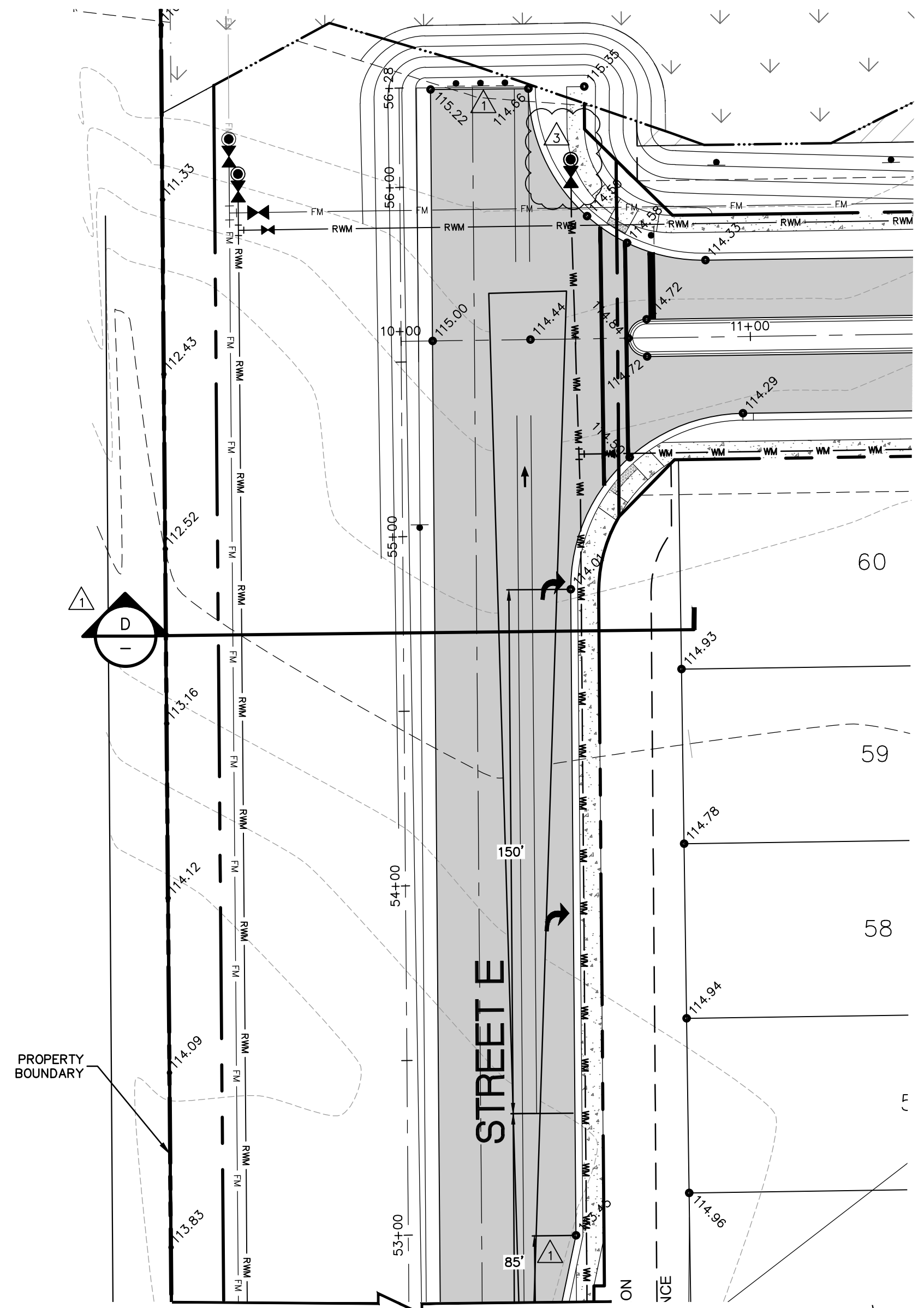
DAVID W. MOORHEAD  
LICENSE NO. 86627  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
CERTIFICATE OF AUTHORIZATION NO. EP-0007723

NO.	DATE	REVISIONS
1	10/29/20	REVISED PER SPANND COMMENTS
2	12/28/20	REVISED PER LAKE COUNTY COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=40'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

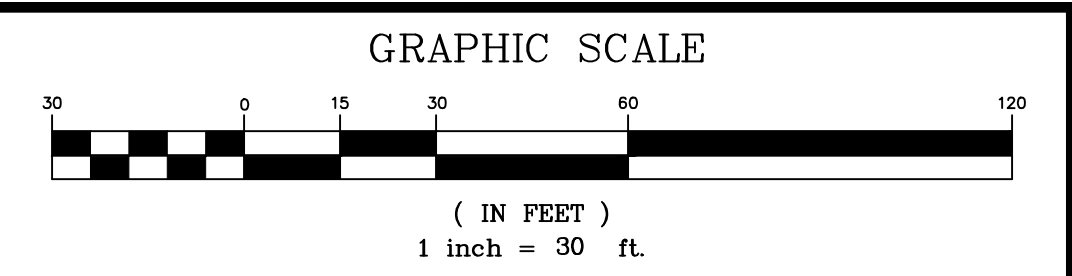
C402

H:\Data\19058\_Eng\Final\19058\_C400 GRADING PLAN.dwg March 5, 2021 2:53 PM

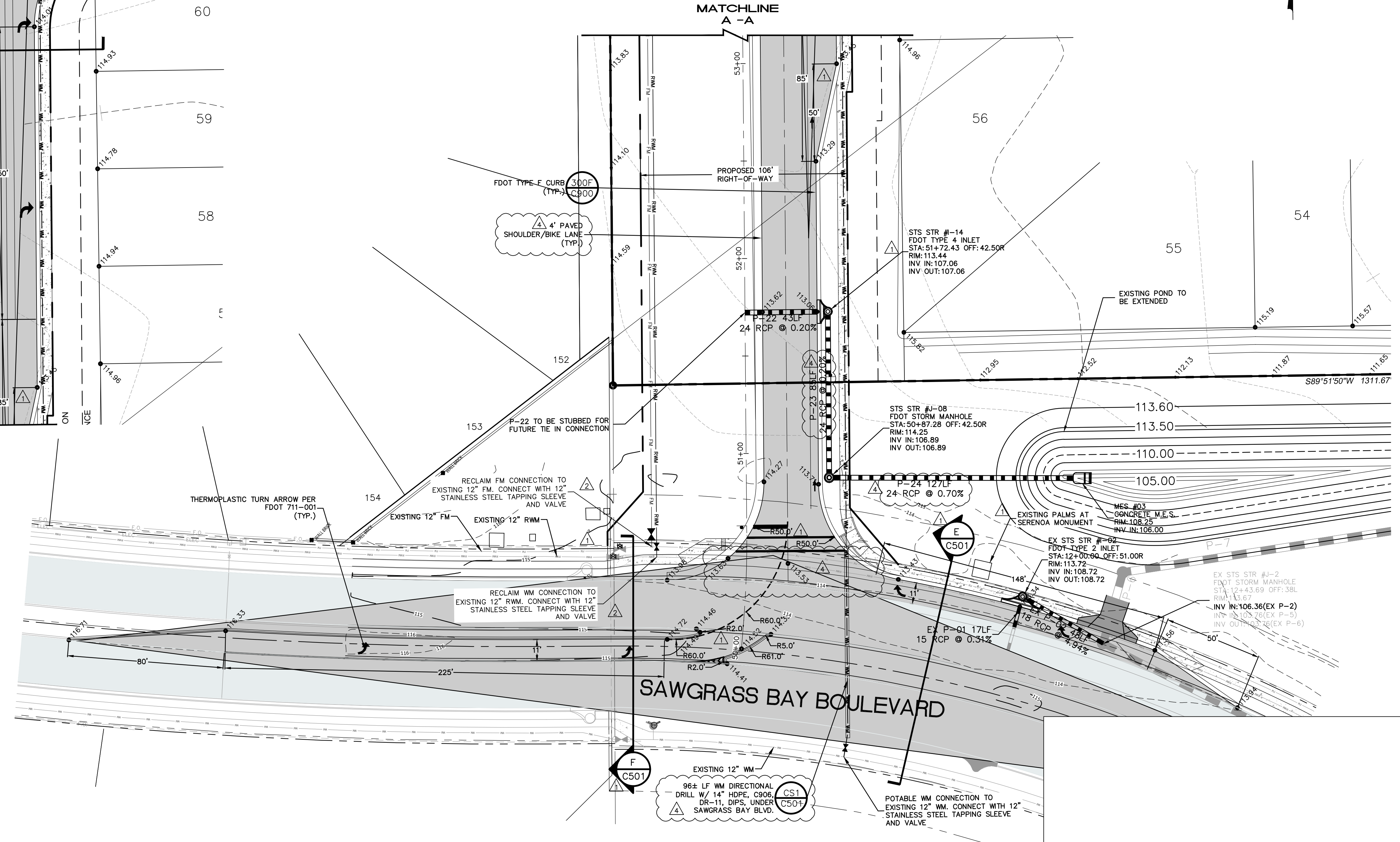
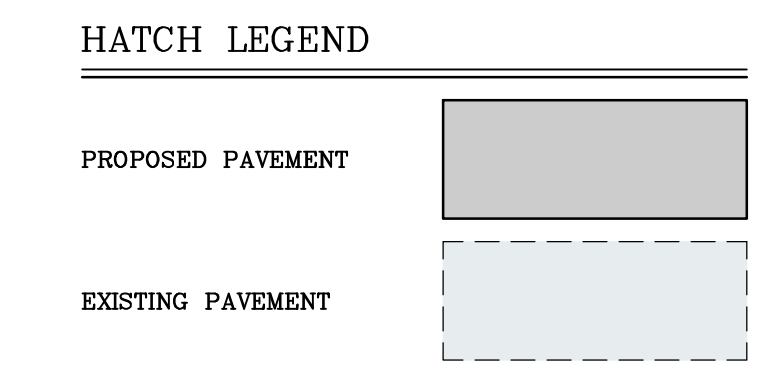


**109' RIGHT OF WAY SECTION (TYP.)**  
NOT TO SCALE

- ① 12" STABILIZED SUBGRADE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 40, OR MINIMUM FBV OF 50 PSI. SUBGRADE MATERIAL SHALL BE CLEAN OF ORGANIC MATERIAL.
- ② 10" LIMEROCK BASE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 100. LIMEROCK MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
- ③ 1" TYPE FC 9.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY. 2.5" TYPE SP 12.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY.



- NOTES:
1. VALVES SHALL NOT BE LOCATED IN SIDEWALKS OR CURBS.
  2. THE WATER MAIN, AND FORCE MAIN SHALL BE DUCTILE IRON PIPE WHERE UNDER THE ROADWAY.
  3. ALL CONSTRUCTION MATERIALS AND METHODS, SHALL MEET THE LATEST FDOT DESIGN STANDARDS INDEX, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE UTILITY ACCOMMODATION MANUAL.
  4. ALL STRIPING WITHIN LAKE COUNTY RIGHT OF WAY SHALL BE LEAD-FREE THERMOPLASTIC.
  5. ALL MAINTENANCE OF TRAFFIC SHALL ADHERE TO THE REQUIREMENTS OF THE FDOT DESIGN STANDARDS 600 INDEXES.
  6. ALL STRIPING PER FDOT INDEX 711-001.
  7. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE TO FDOT INDEX 706-001.
  8. ALL DISTURBED AREAS WITHIN LAKE COUNTY RIGHT OF WAY SHALL BE GRADED AND SODDED WITH ARGENTINE BAHIA SOD.



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

OFF-SITE PLAN FOR  
**EDGE MONT**  
LAKE COUNTY FLORIDA

**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

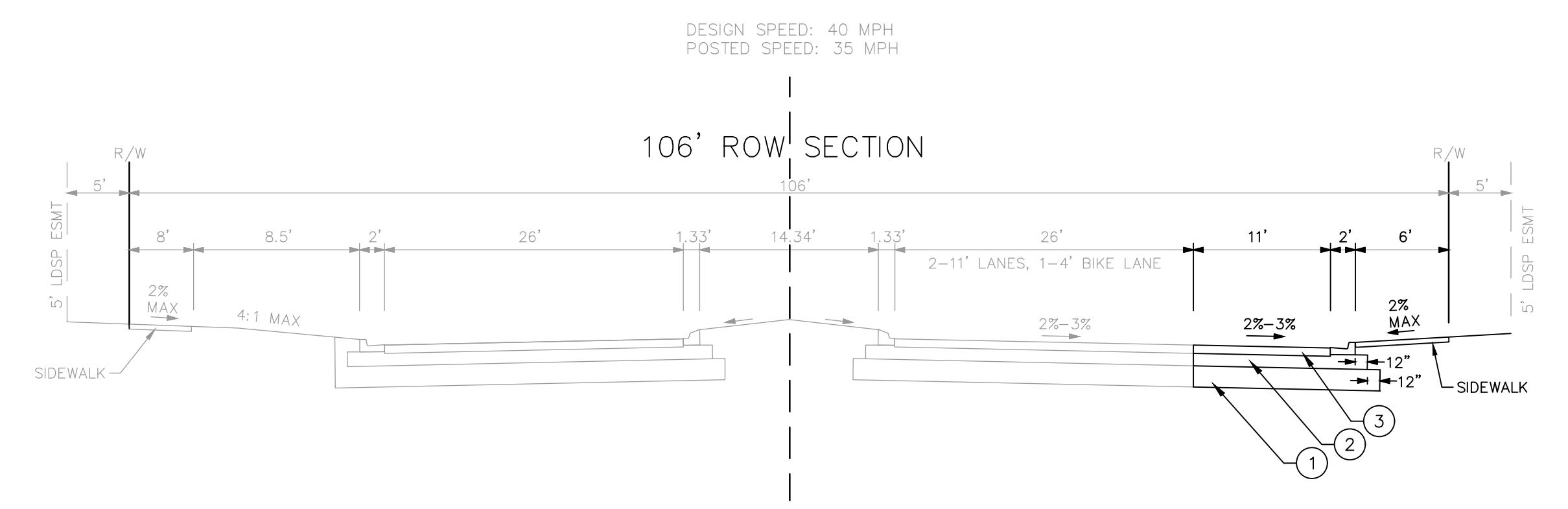
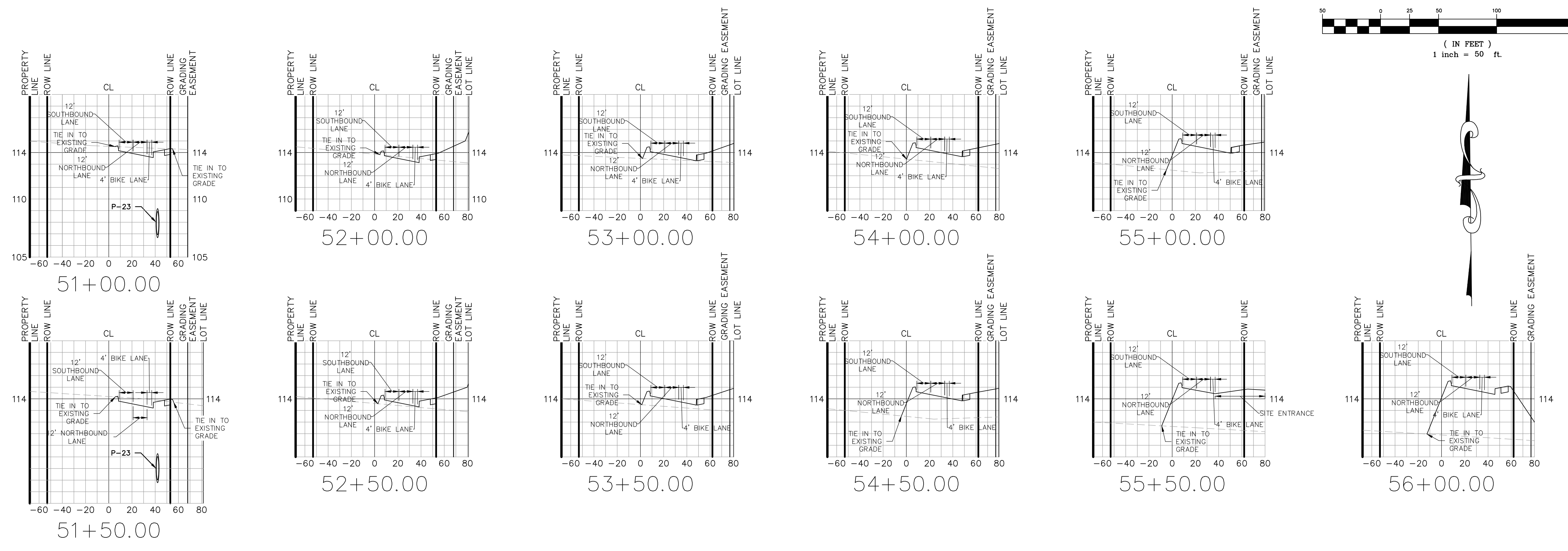
ENGINEER  
No. 86827  
STATE OF FLORIDA  
PROFESSIONAL SEAL  
CIVIL ENGINEER  
19058-0500

NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2	12/09/20	REVISED PER UTILITIES DIVISION OF FLORIDA COMMENTS
3	03/02/21	REVISED PER LAKE COUNTY COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

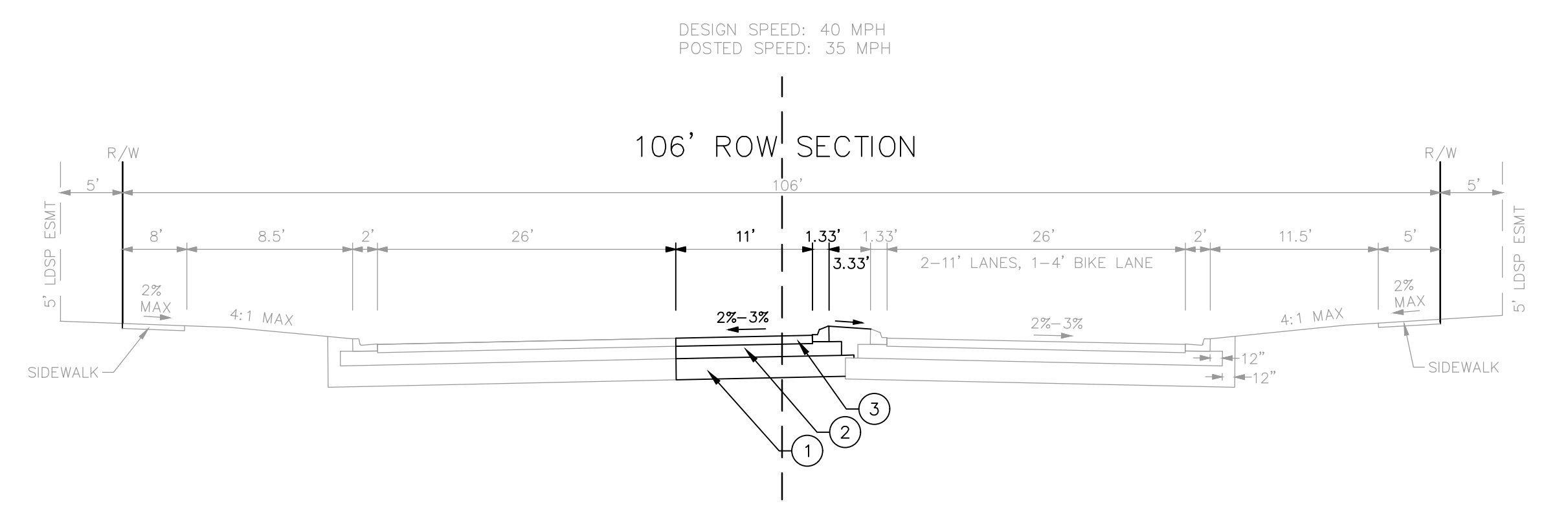
JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=30'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

**C500**



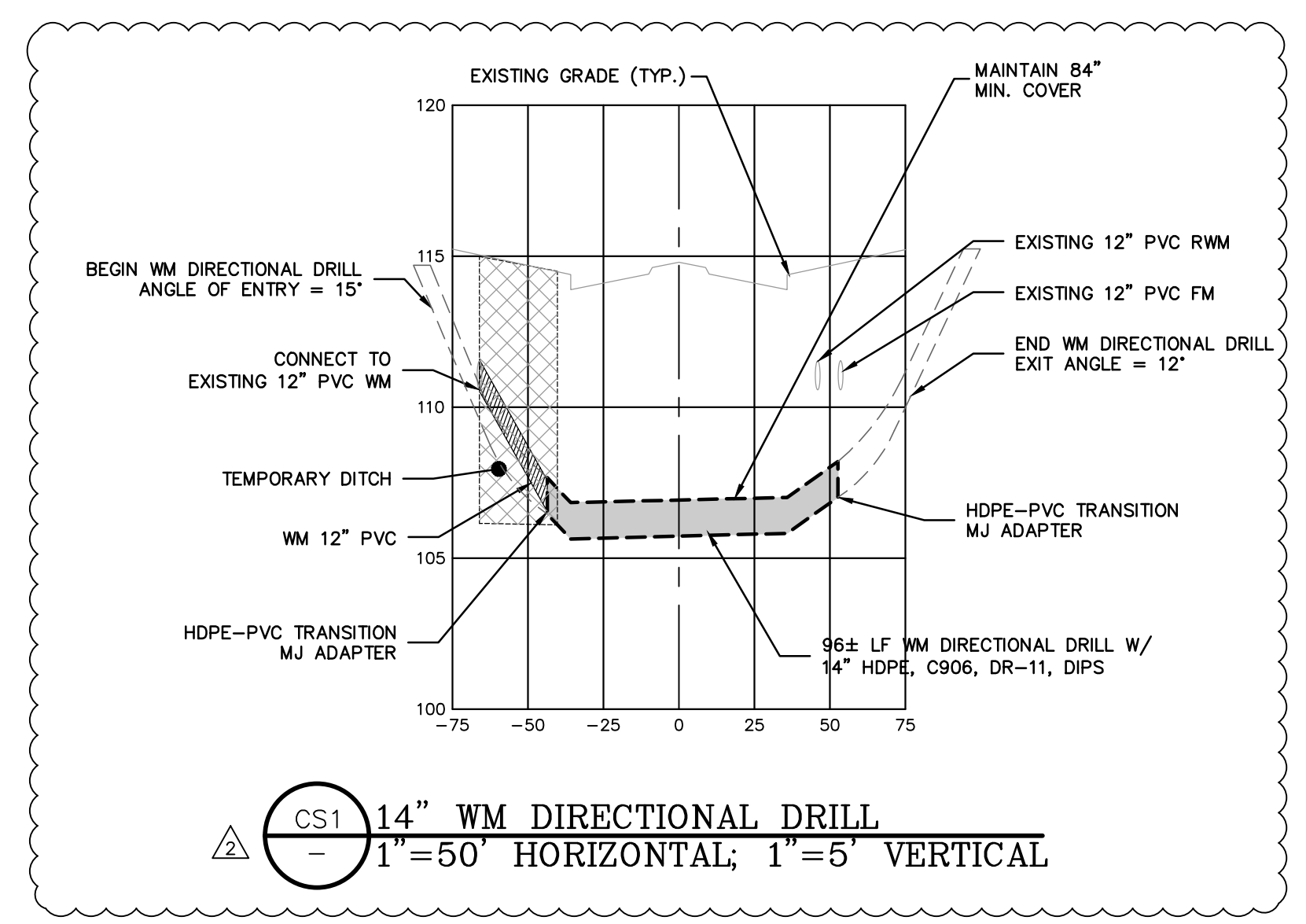


**E** RIGHT HAND TURN LANE SECTION  
(TYP.) NOT TO SCALE

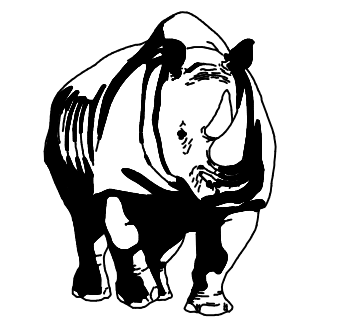


**F** RIGHT HAND TURN LANE SECTION  
(TYP.) NOT TO SCALE

- ① 12" STABILIZED SUBGRADE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 40, OR MINIMUM FBV OF 50 PSI. SUBGRADE MATERIAL SHALL BE CLEAN OF ORGANIC MATERIAL.
- ② 10" LIMEROCK BASE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 100. LIMEROCK MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
- ③ 1" TYPE FC 9.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY. 2.5" TYPE SP 12.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY.



**CS1** 14" WM DIRECTIONAL DRILL  
1"=50' HORIZONTAL; 1"=5' VERTICAL

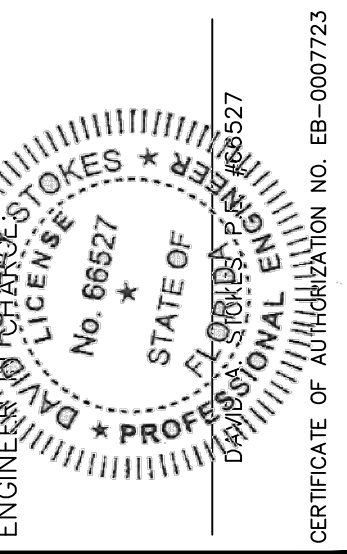


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

OFF-SITE PLAN  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

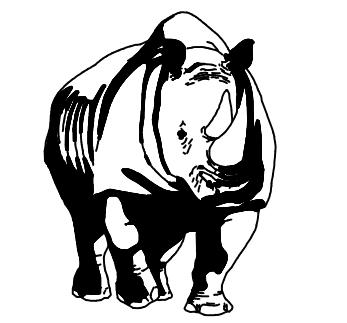
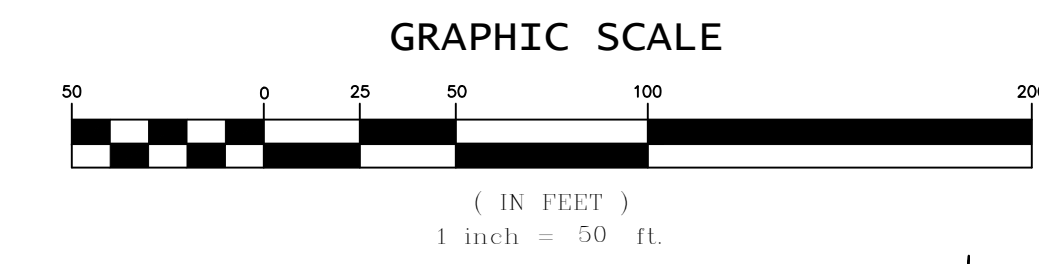
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	12/09/20	ADDED SHEET PER LAKE COUNTY COMMENTS
2	03/29/21	REVISED PER LAKE COUNTY COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

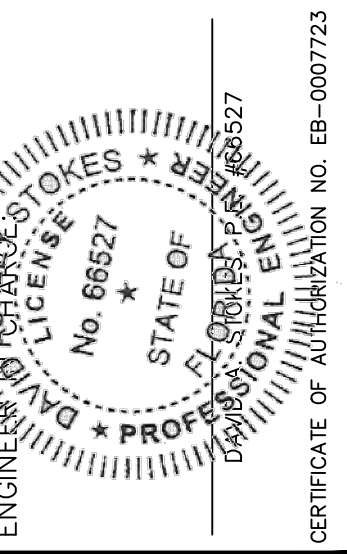
**C501**



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

PLAN AND PROFILE  
FOR  
**EDGEMONT**  
LAKE COUNTY  
FLORIDA

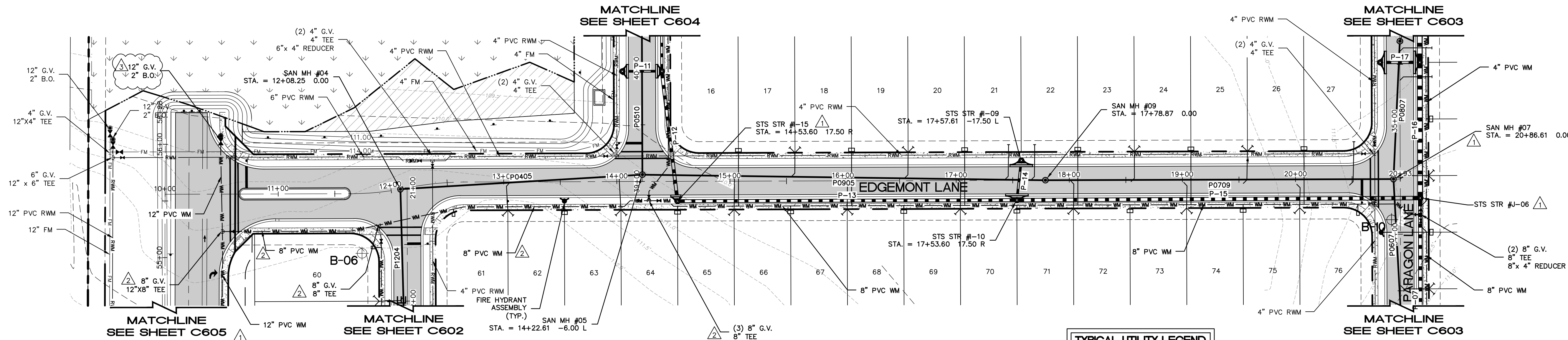
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	11/20/20	REVISED PER LAKE COUNTY COMMENTS
2	12/09/20	REVISED PER UTILITIES INC. OF FLORIDA COMMENTS
3	03/29/21	REVISED PER SRWMD COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

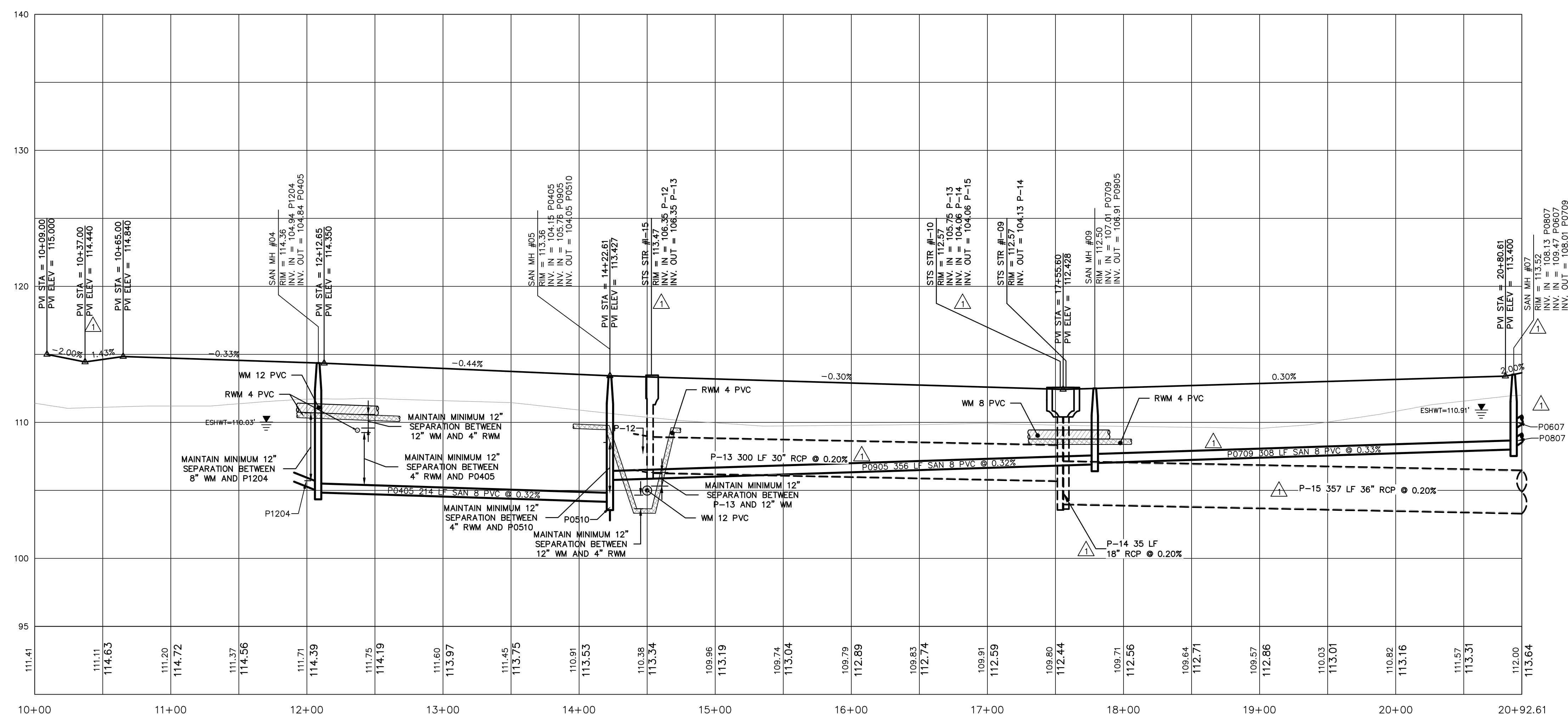
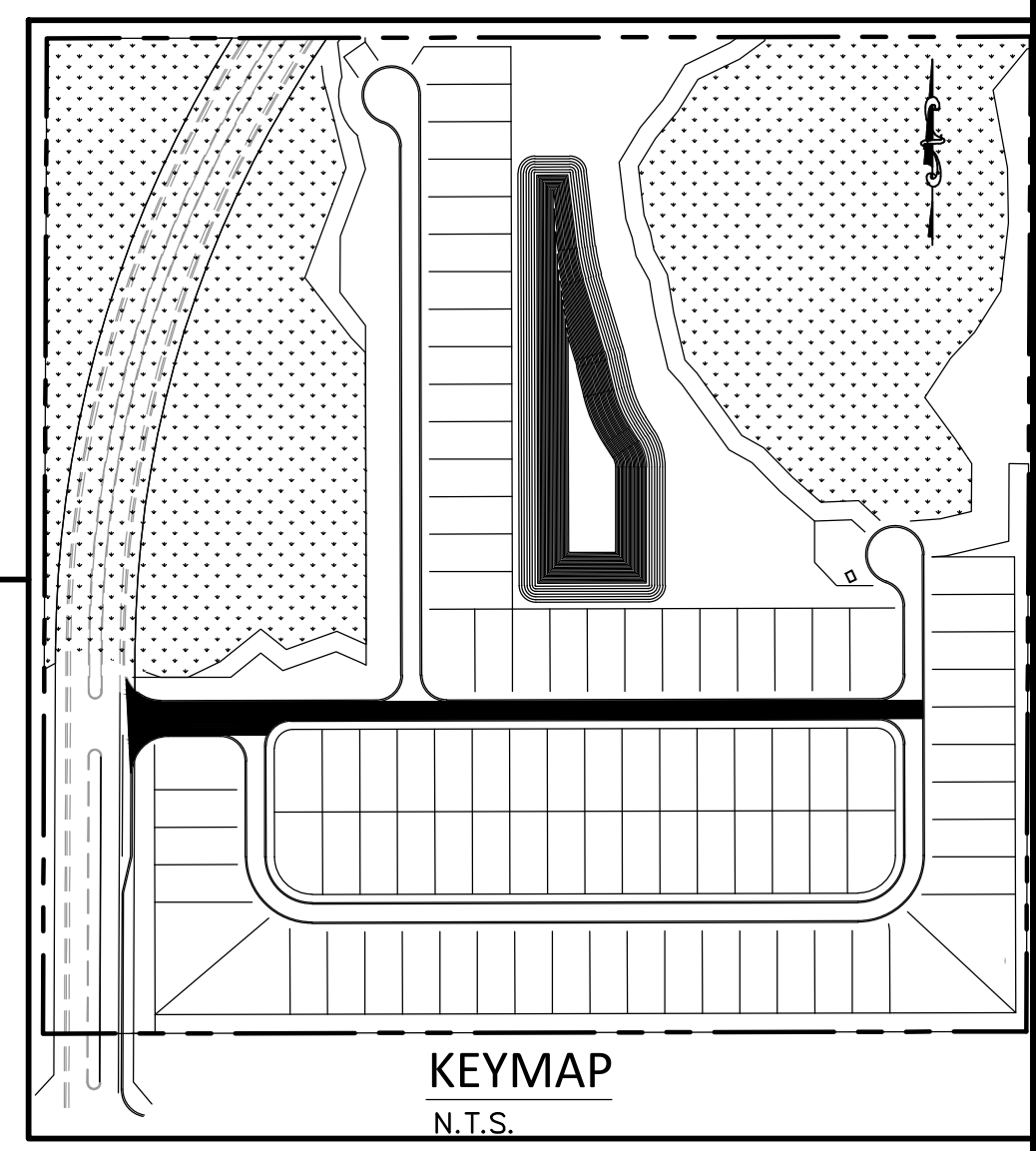
JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

**C601**



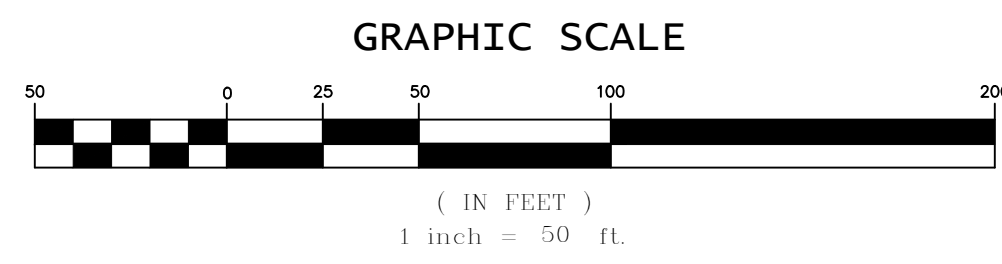
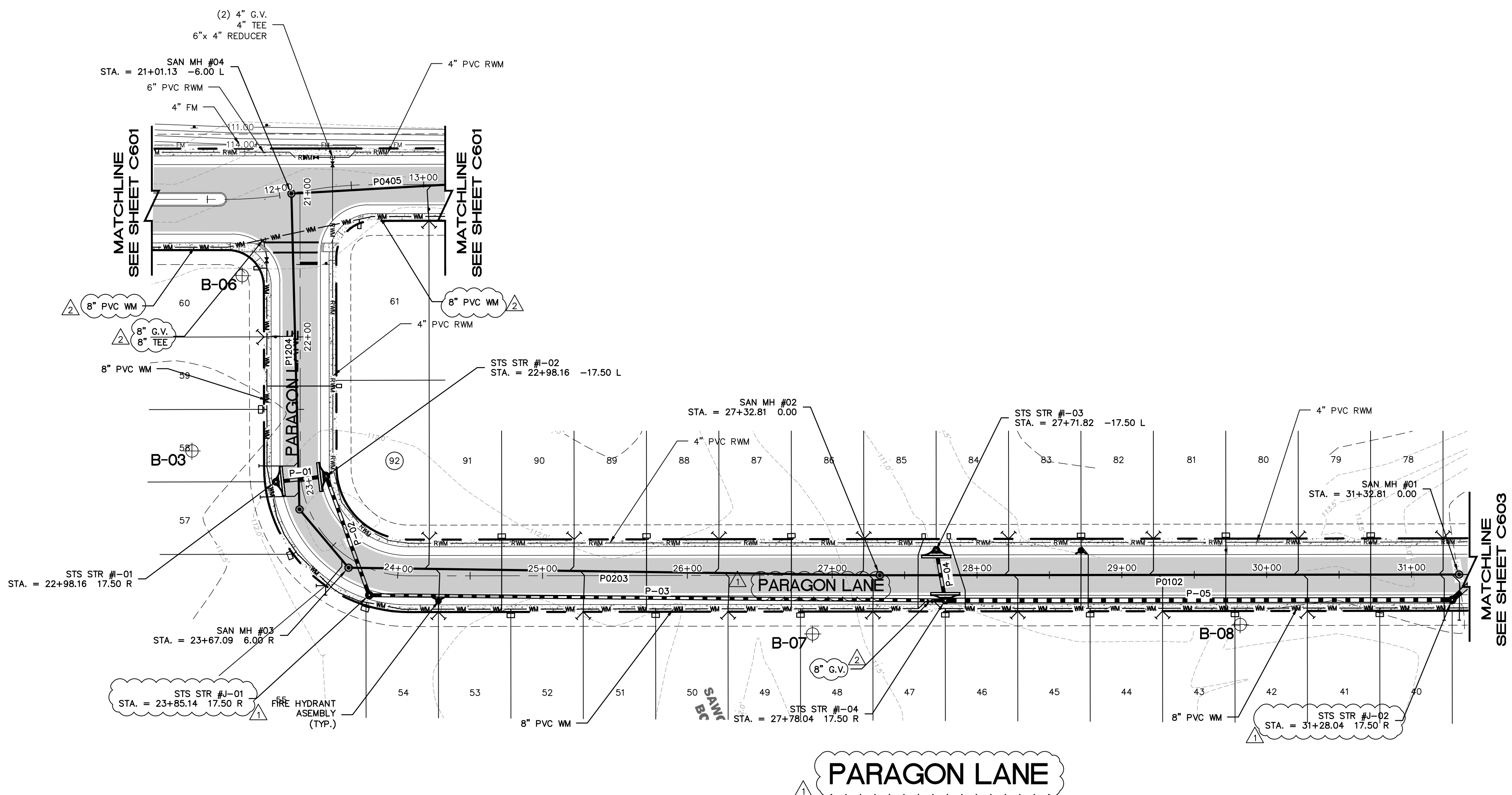
TYPICAL UTILITY LEGEND	
DESCRIPTION	SYMBOL
FIRE HYDRANT ASSEMBLY	[Symbol]
DOUBLE SANITARY SERVICE	[Symbol]
SINGLE SANITARY SERVICE	[Symbol]
DOUBLE WM SERVICE	[Symbol]
SINGLE WM SERVICE	[Symbol]
DOUBLE RWM SERVICE	[Symbol]
SINGLE RWM SERVICE	[Symbol]
GATE VALVE	[Symbol]
WM OR RWM CROSS	[Symbol]
WM OR RWM TEE	[Symbol]
BLOW-OFF AND VALVE	[Symbol]

**EDGEMONT LANE**

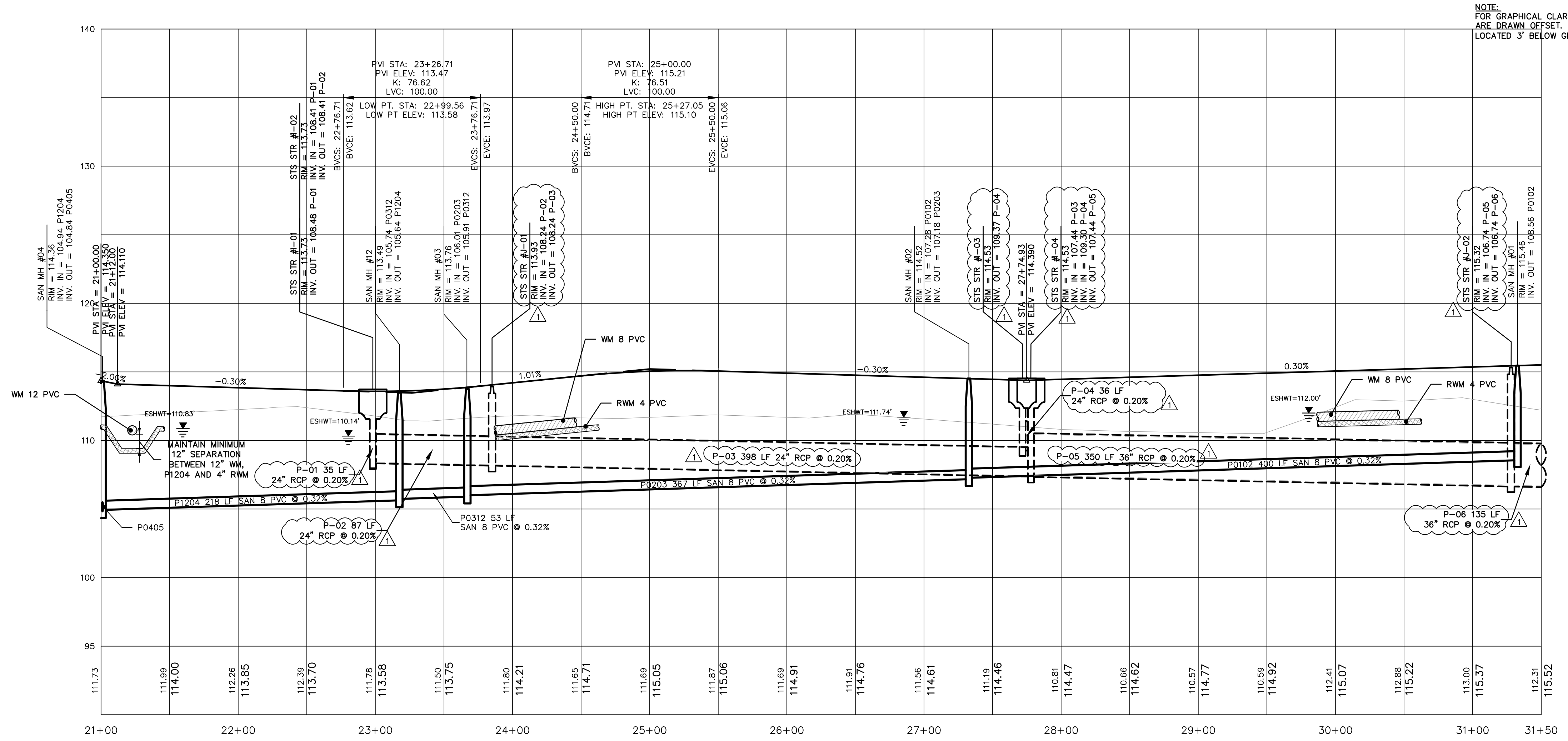
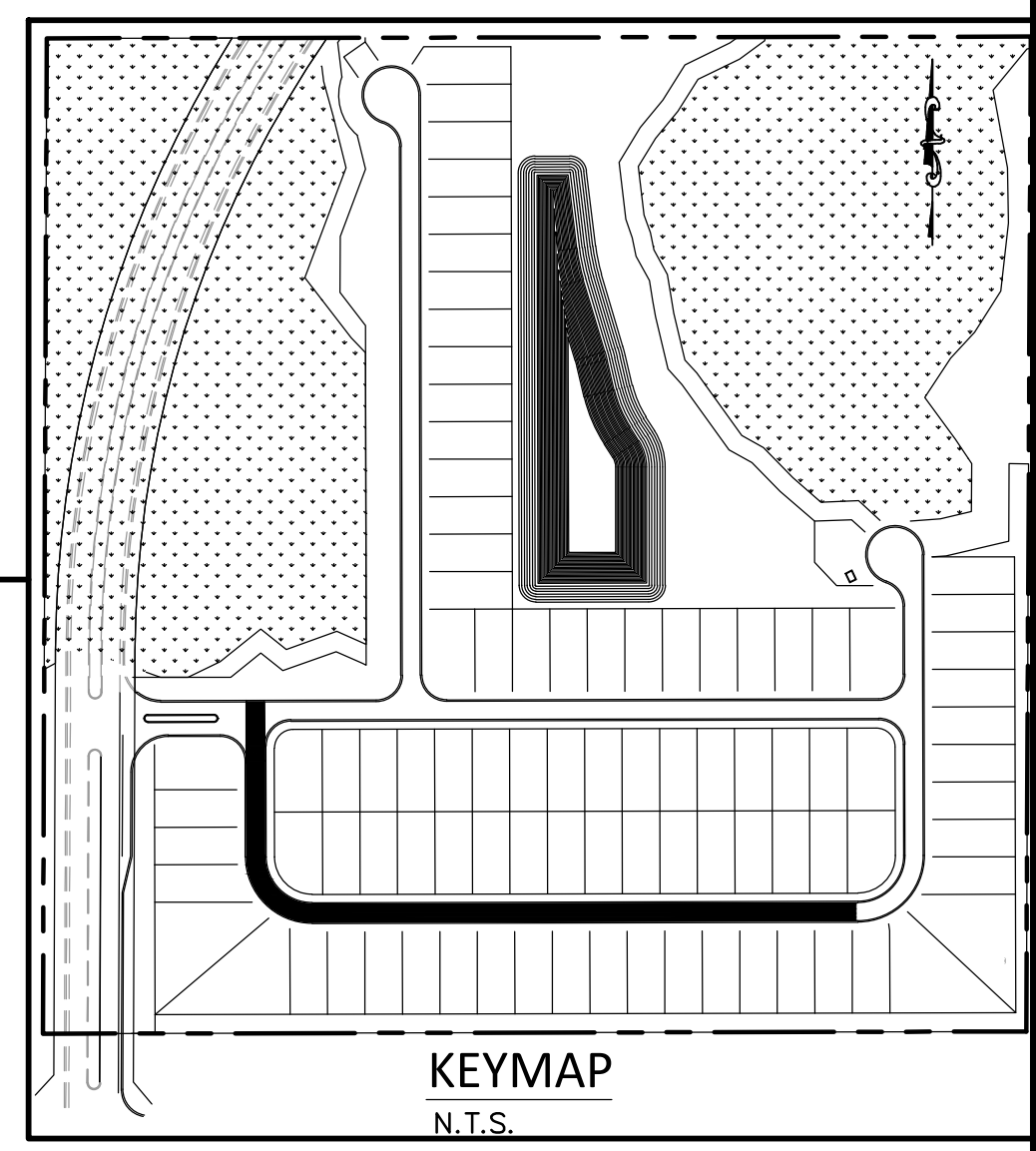


NOTE:  
FOR GRAPHICAL CLARITY, RECLAIM AND FORCE MAIN  
ARE DRAWN OFFSET. ALL PRESSURE MAINS ARE TO BE  
LOCATED 3' BELOW GRADE UNLESS OTHERWISE NOTED.

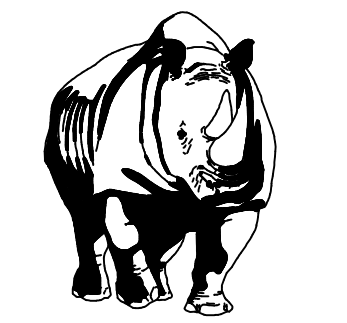
H:\Data\19058\Eng\Final\SRWMD (c:\future\rev)\19058\_C601 - EDGEMONT (In Aug March 2, 2021) 1:03 PM



TYPICAL UTILITY LEGEND	
SYMBOL	DESCRIPTION
	FIRE HYDRANT ASSEMBLY
	DOUBLE SANITARY SERVICE
	SINGLE SANITARY SERVICE
	DOUBLE WM SERVICE
	SINGLE WM SERVICE
	DOUBLE RVM SERVICE
	SINGLE RVM SERVICE
	GATE VALVE
	WM OR RVM CROSS
	WM OR RVM TEE
	BLOW-OFF AND VALVE



NOTE:  
FOR GRAPHICAL CLARITY, RECLAIM AND FORCE MAIN  
ARE DRAWN OFFSET. ALL PRESSURE MAINS ARE TO BE  
LOCATED 3' BELOW GRADE UNLESS OTHERWISE NOTED.



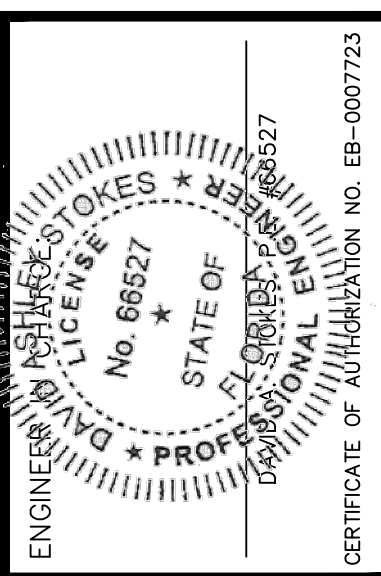
**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

PLAN AND PROFILE

FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

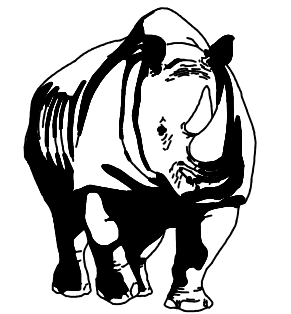
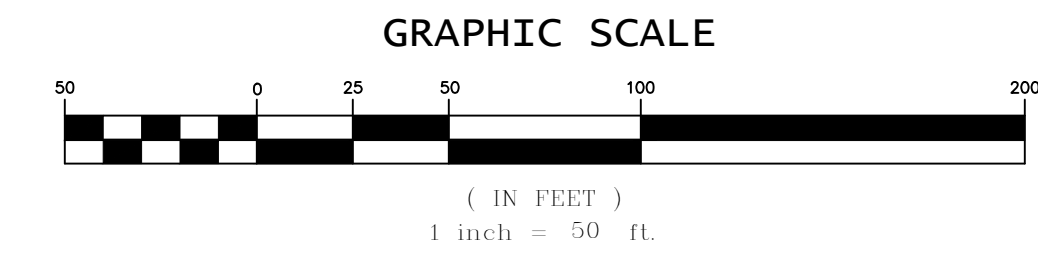
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



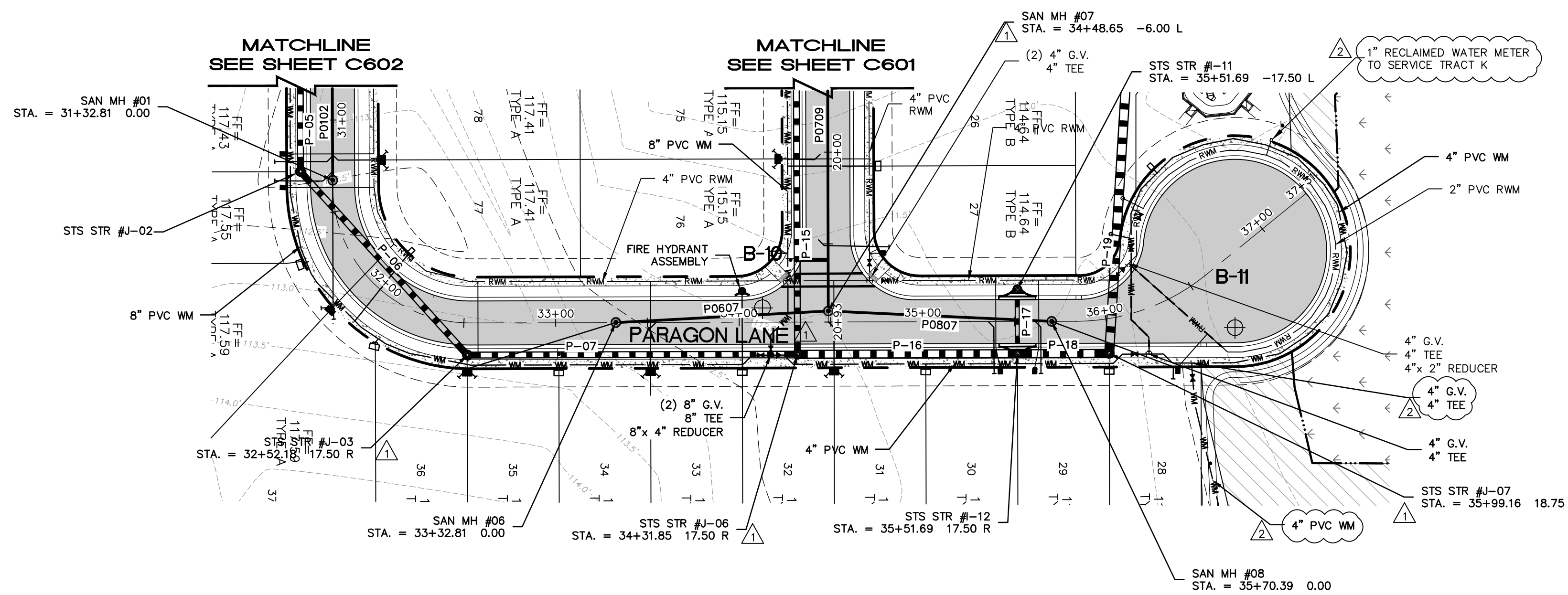
NO.	DATE	REVISIONS
1	11/29/20	REVISED PER LAKE COUNTY COMMENTS
2	11/29/20	REVISED PER UTILITIES INC. OF FLORIDA COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

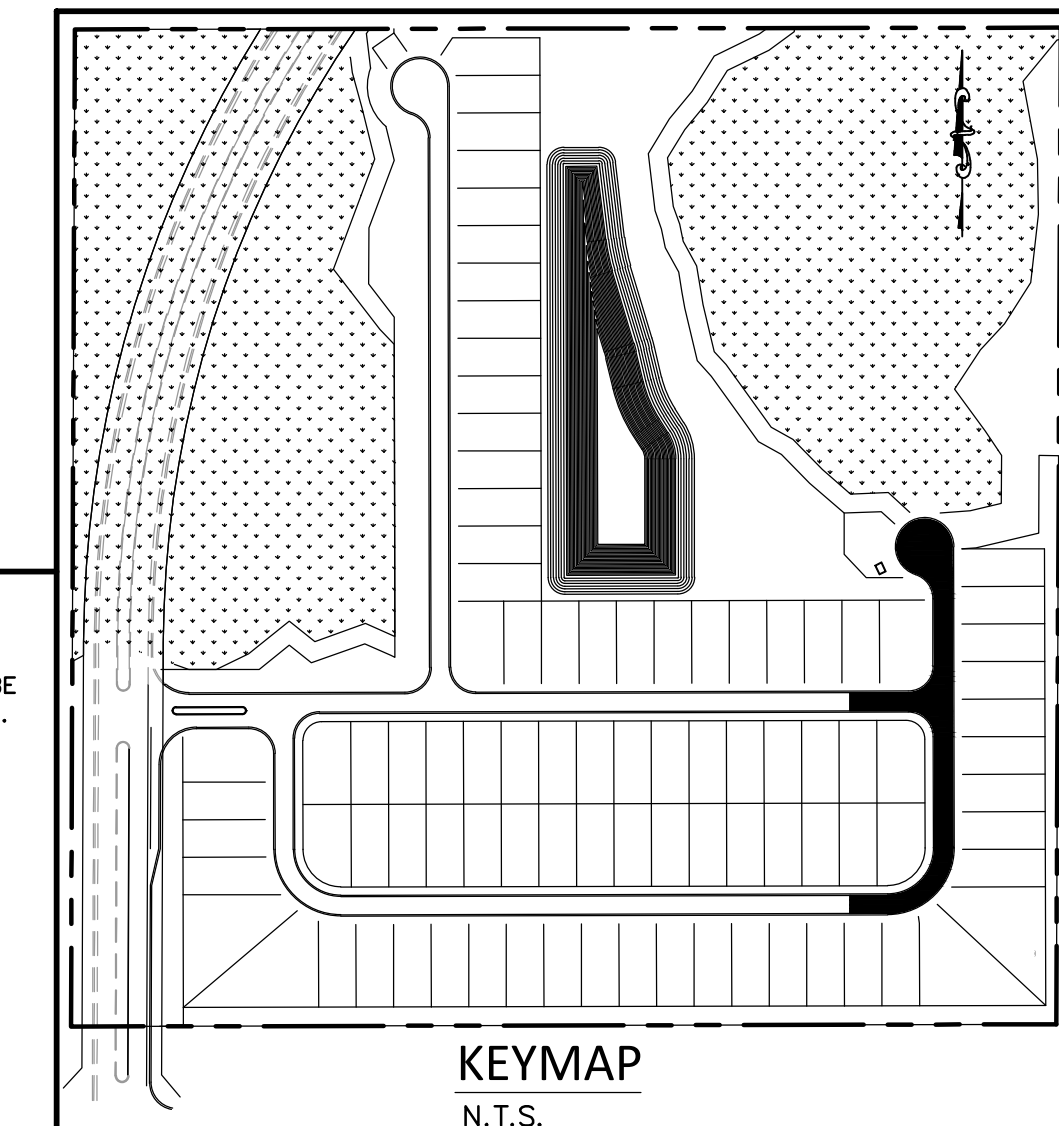
C602



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

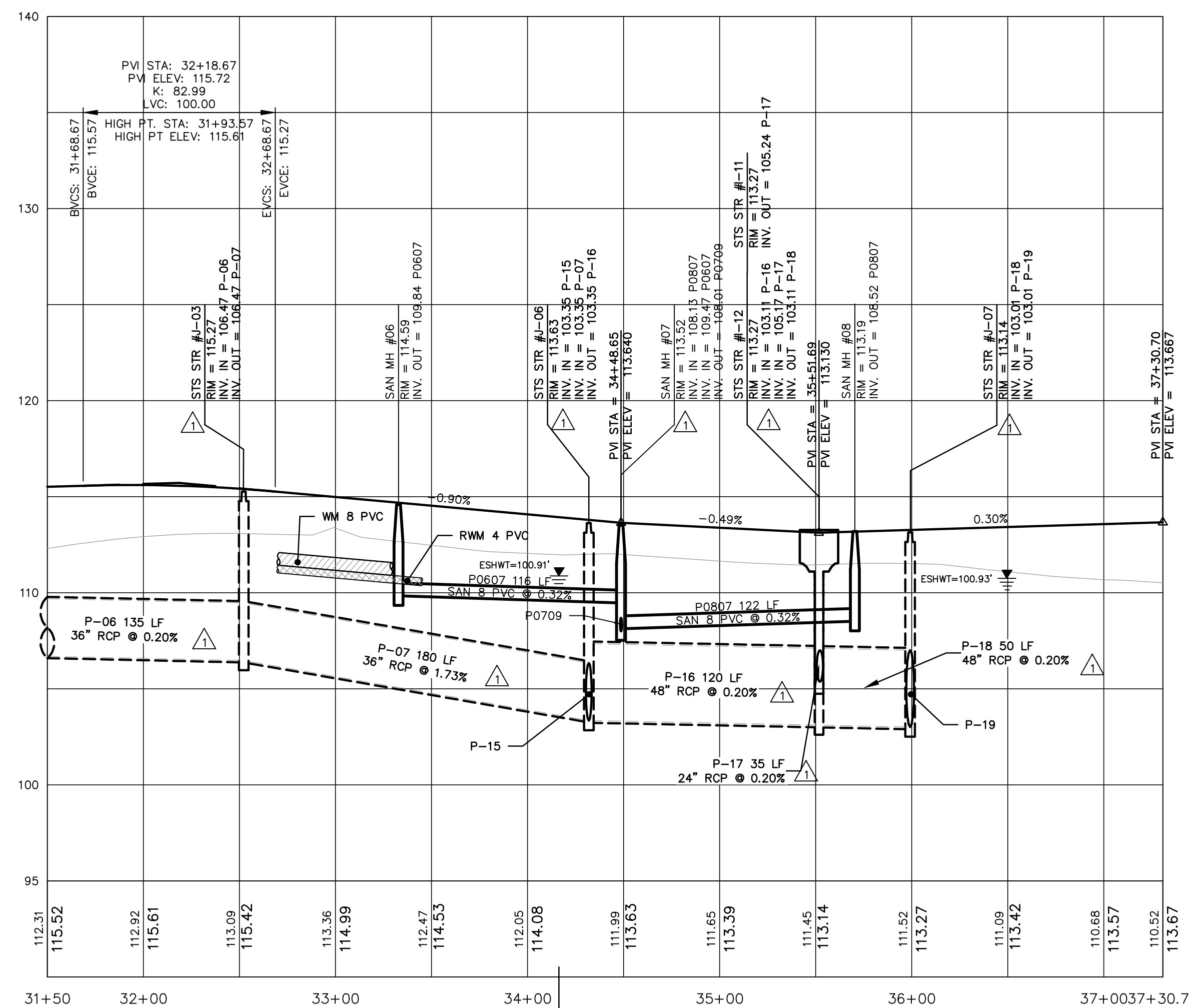


TYPICAL UTILITY LEGEND	
SYMBOL	DESCRIPTION
	FIRE HYDRANT ASSEMBLY
	DOUBLE SANITARY SERVICE
	SINGLE SANITARY SERVICE
	DOUBLE WM SERVICE
	SINGLE WM SERVICE
	DOUBLE RWM SERVICE
	SINGLE RWM SERVICE
	GATE VALVE
	WM OR RWM CROSS
	WM OR RWM TEE
	BLOW-OFF AND VALVE



▲ PARAGON LANE

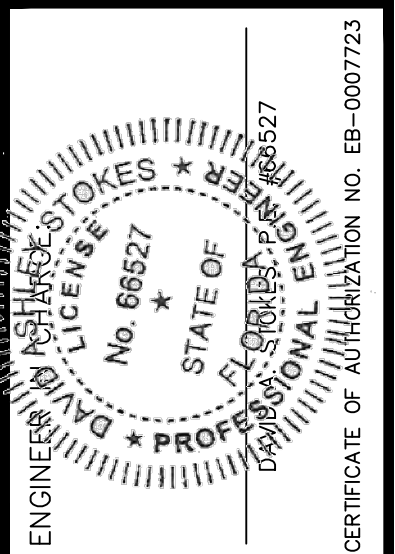
NOTE:  
FOR GRAPHICAL CLARITY, RECLAIM AND FORCE MAIN  
ARE DRAWN OFFSET. ALL PRESSURE MAINS ARE TO BE  
LOCATED 3' BELOW GRADE UNLESS OTHERWISE NOTED.



PLAN AND PROFILE

FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834

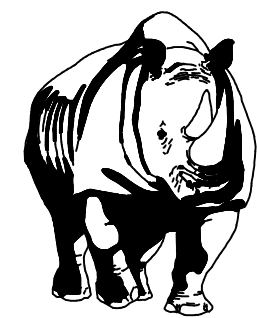
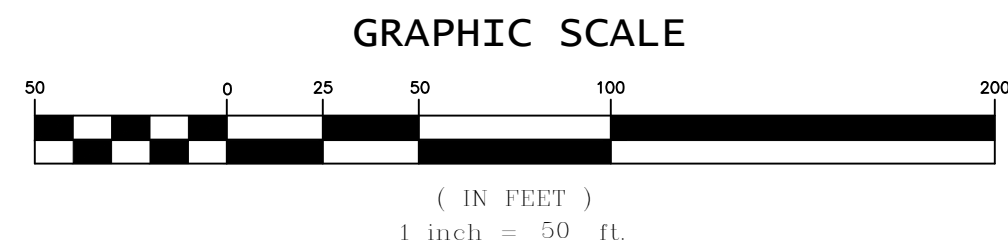


NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2	02/17/21	REVISED PER UTILITIES INC. OF FLORIDA COMMENTS
3		
4		
5		
6		
7		
8		
9		
10		
11		

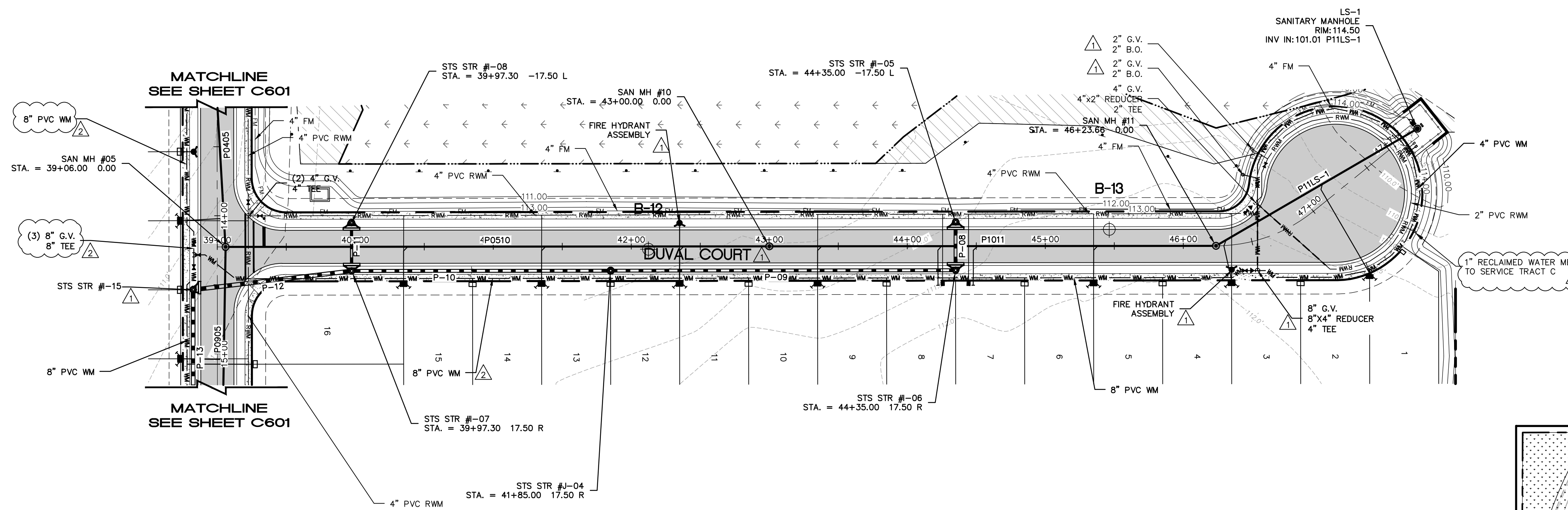
JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C603

H:\Data\19058\_Eng\Final\19058\_C603 PARAGON Ln.dwg, March 5, 2021, 2:55 PM

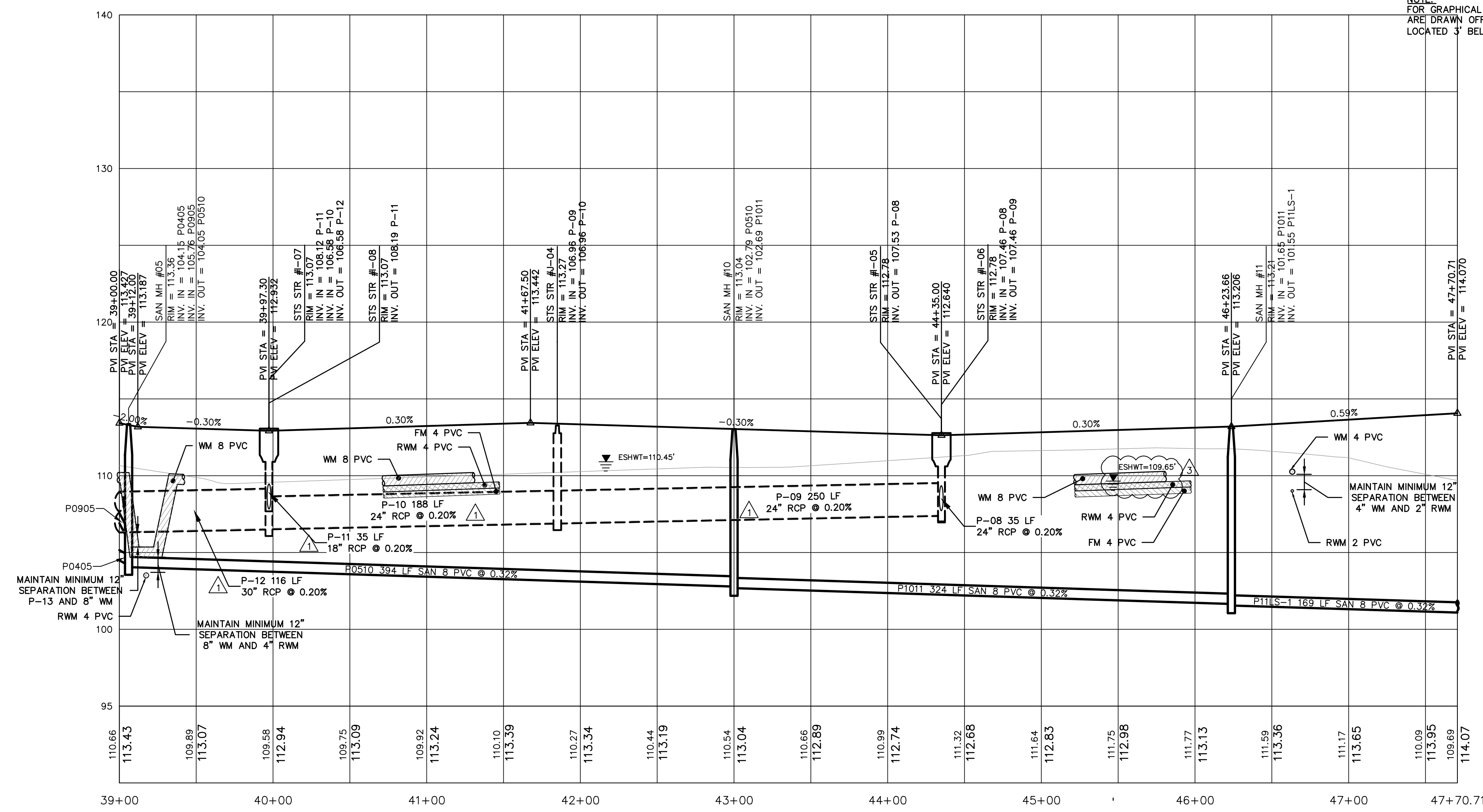


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

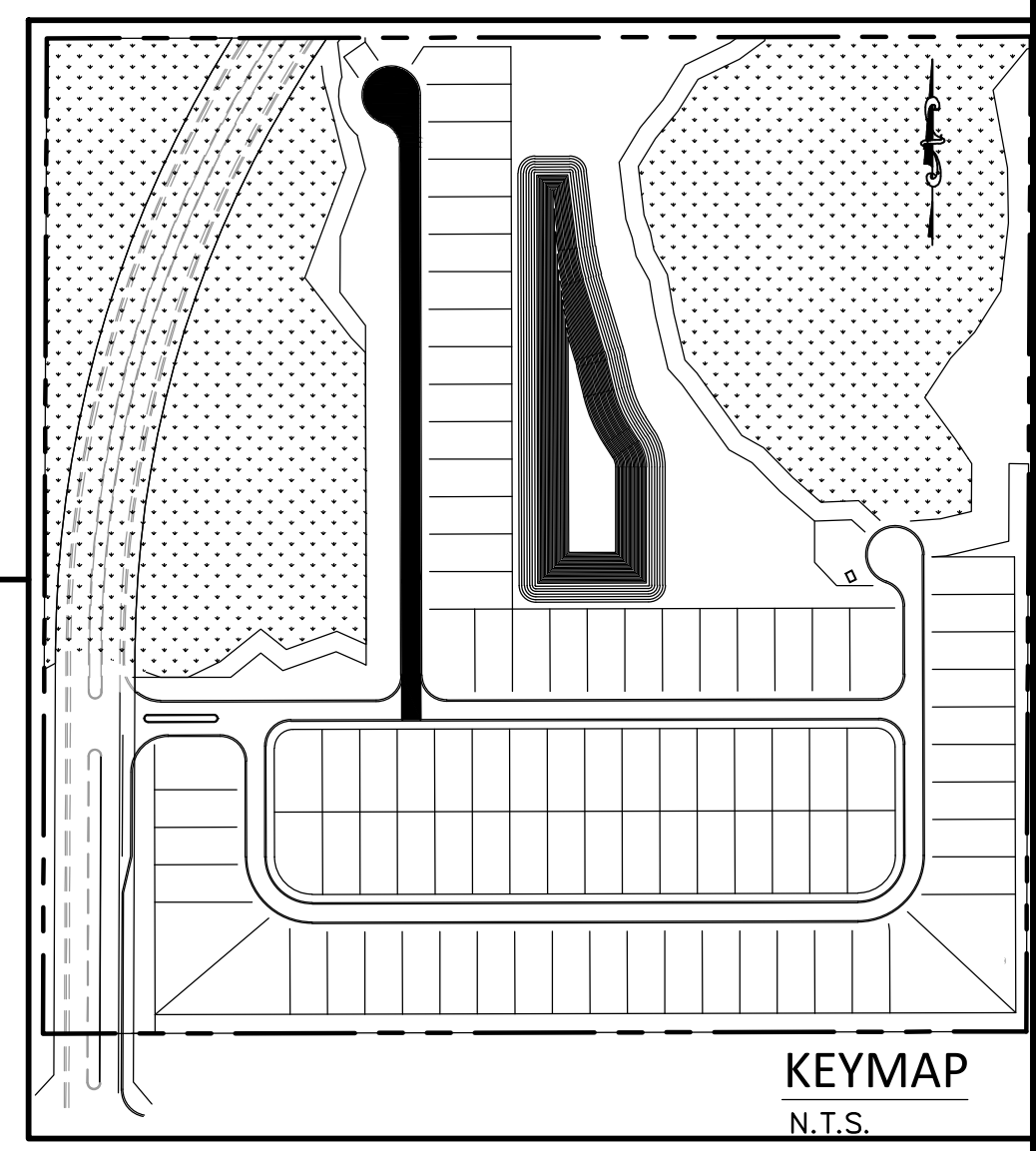


TYPICAL UTILITY LEGEND	
SYMBOL	DESCRIPTION
	FIRE HYDRANT ASSEMBLY
	DOUBLE SANITARY SERVICE
	SINGLE SANITARY SERVICE
	DOUBLE WM SERVICE
	SINGLE WM SERVICE
	DOUBLE RWM SERVICE
	SINGLE RWM SERVICE
	GATE VALVE
	WM OR RWM CROSS
	WM OR RWM TEE
	BLOW-OFF AND VALVE

DUVAL COURT

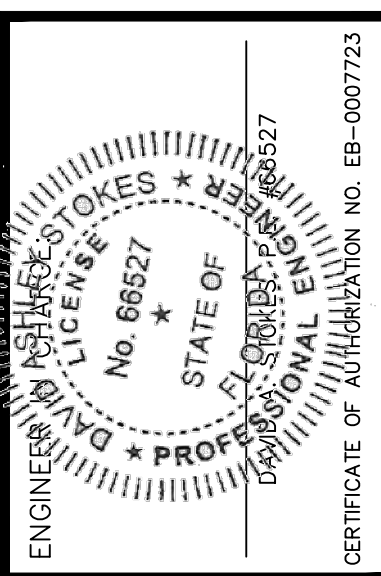


NOTE:  
FOR GRAPHICAL CLARITY, RECLAIM AND FORCE MAIN  
ARE DRAWN OFFSET. ALL PRESSURE MAINS ARE TO BE  
LOCATED 3' BELOW GRADE UNLESS OTHERWISE NOTED.



PLAN AND PROFILE  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

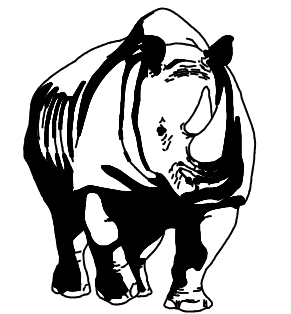
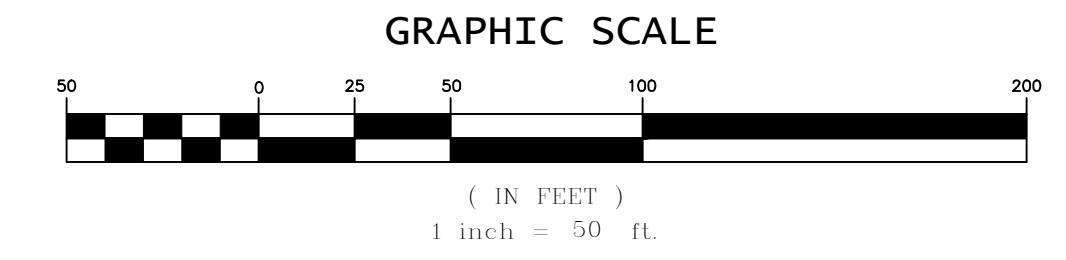
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	11/20/20	REVISED PER LAKE COUNTY COMMENTS
2	11/20/20	REVISED PER UTILITIES INC. OF FLORIDA COMMENTS
3	12/17/21	REVISED PER LAKE COUNTY COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

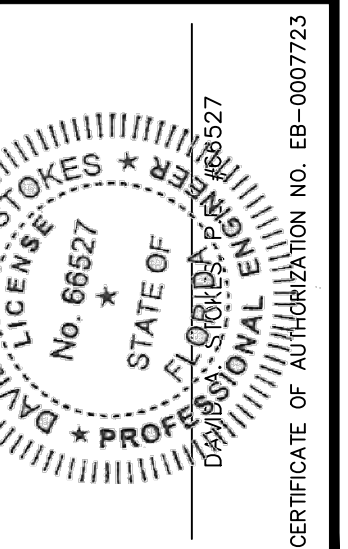
C604



**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

PLAN AND PROFILE  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

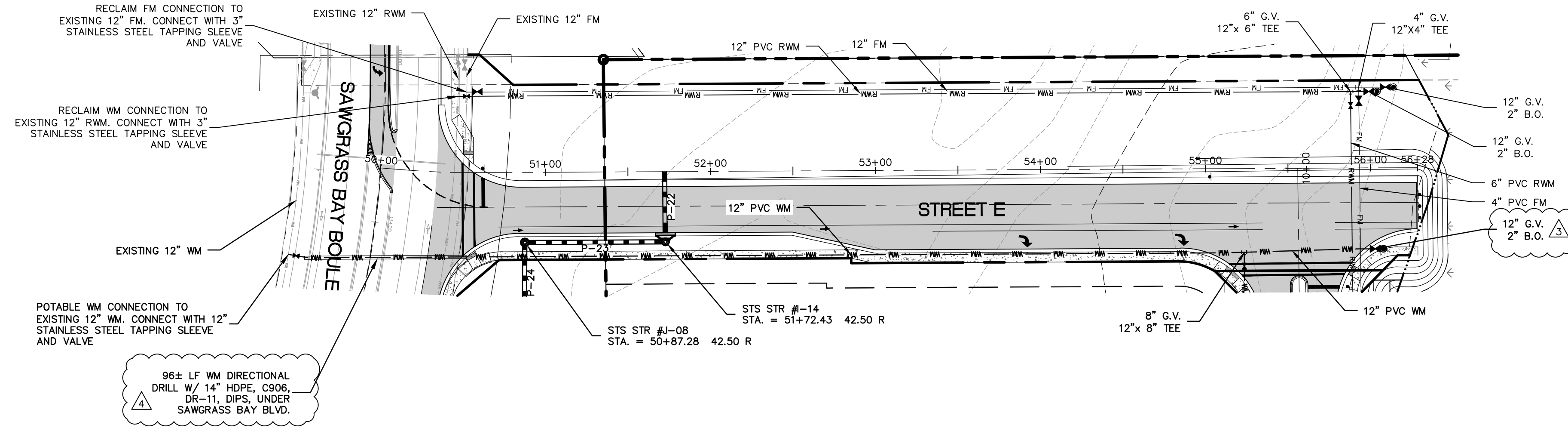
**DR HORTON, INC.**  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	11/20/20	ADDED SHEET PER LAKE COUNTY COMMENTS
2	07/14/21	REVISED PER LAKE COUNTY COMMENTS
3	07/14/21	REVISED PER LAKE COUNTY COMMENTS
4	03/07/21	REVISED PER LAKE COUNTY COMMENTS
5		
6		
7		
8		
9		
10		
11		

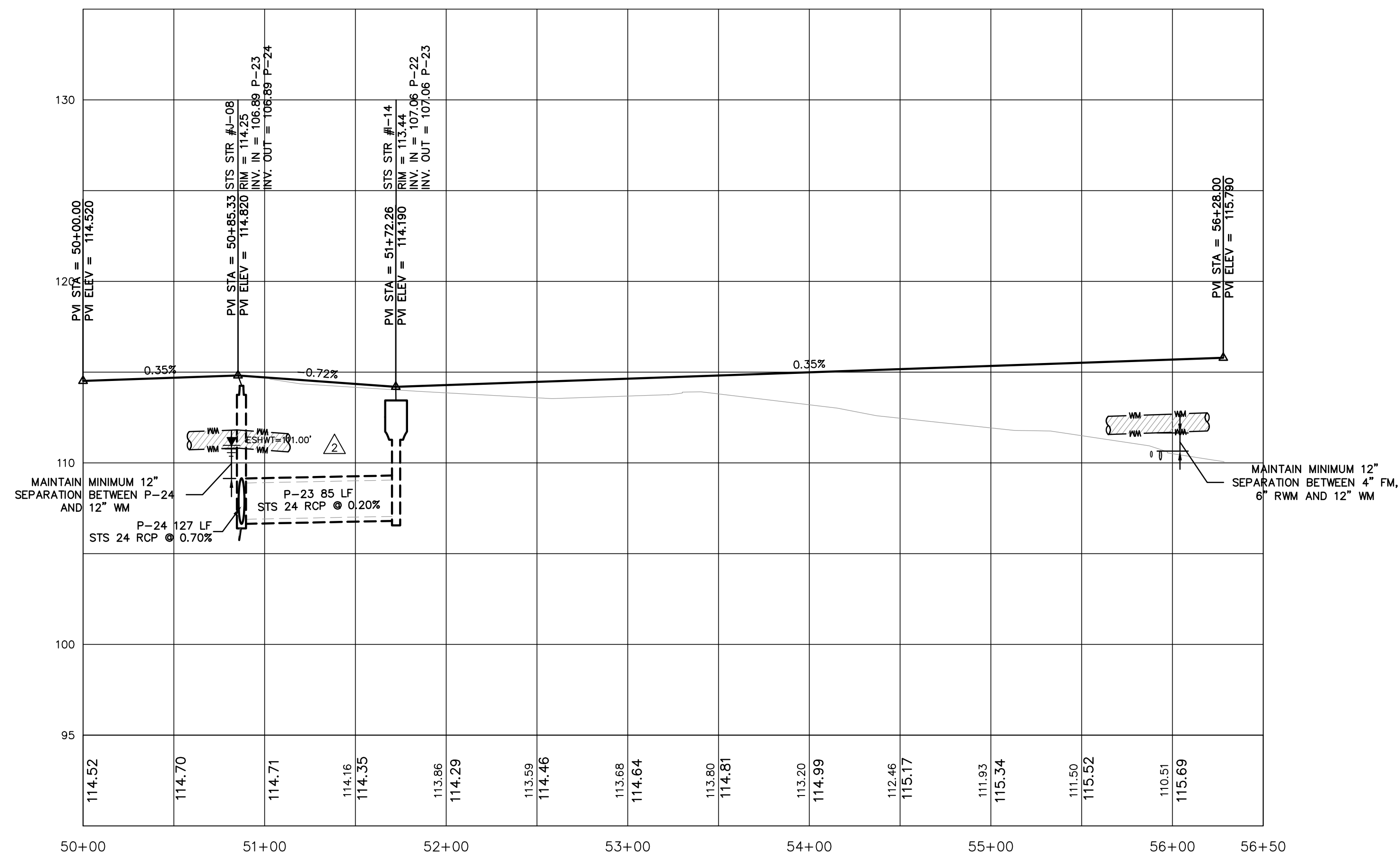
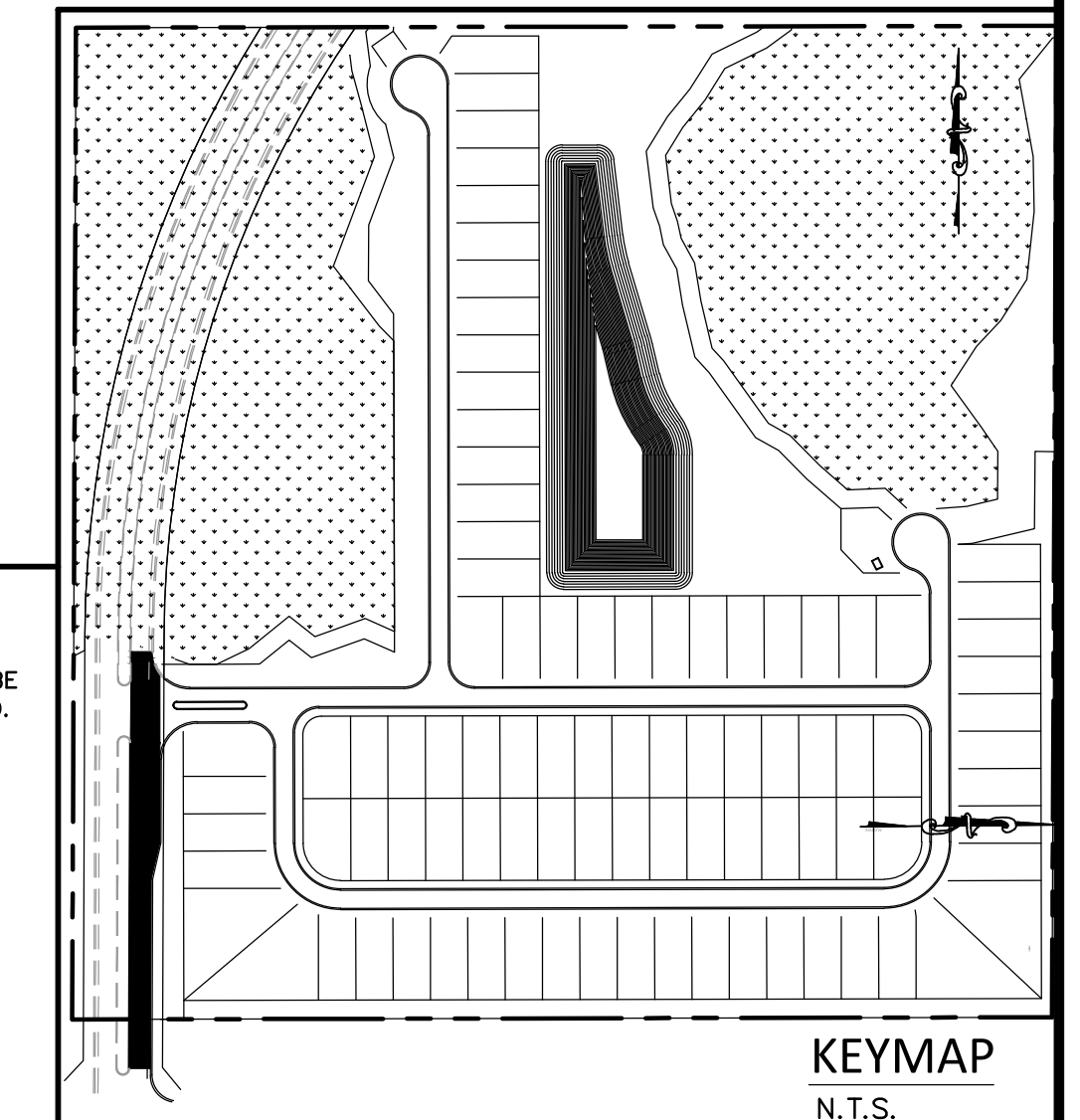
JOB # 19058  
DATE: 06/24/2020  
SCALE: 1"=50'  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

**C605**



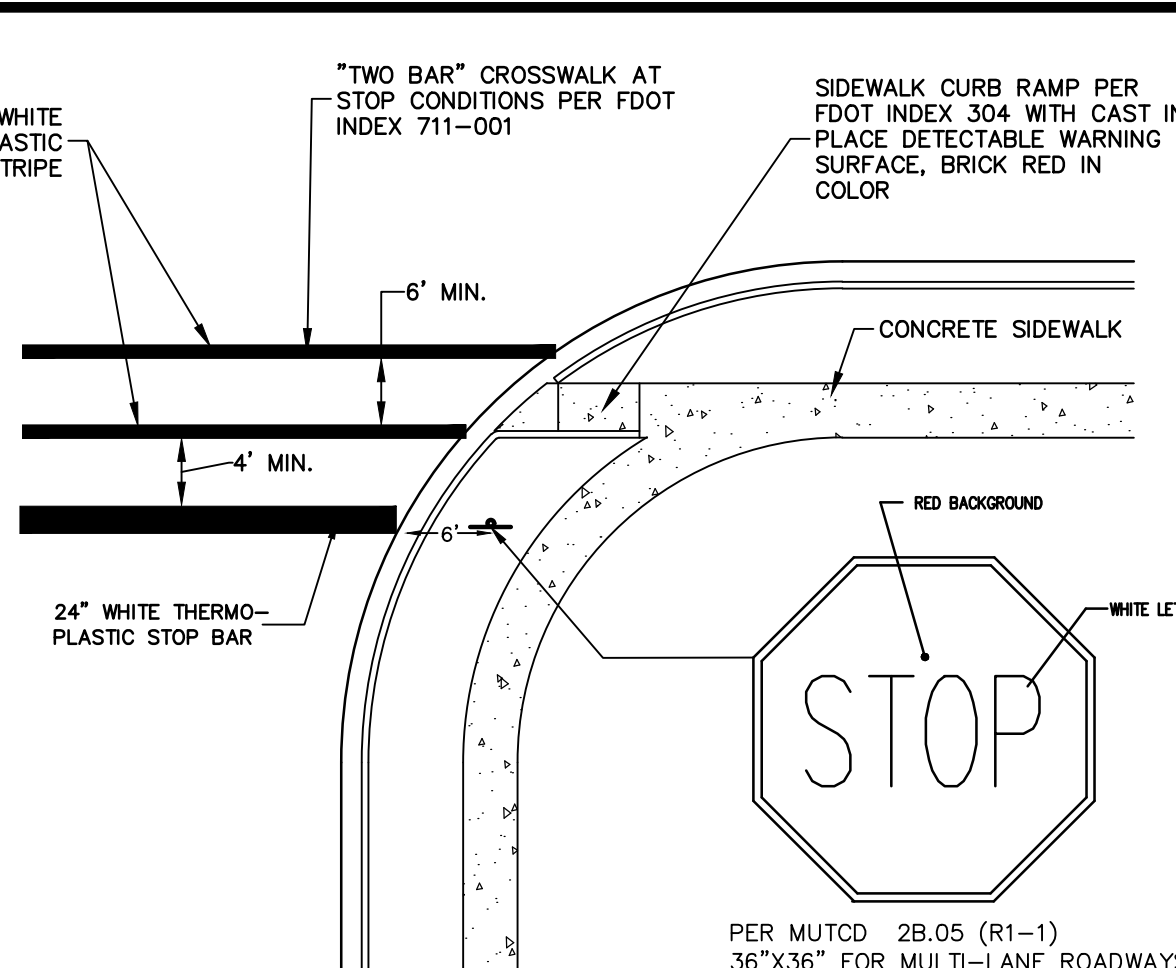
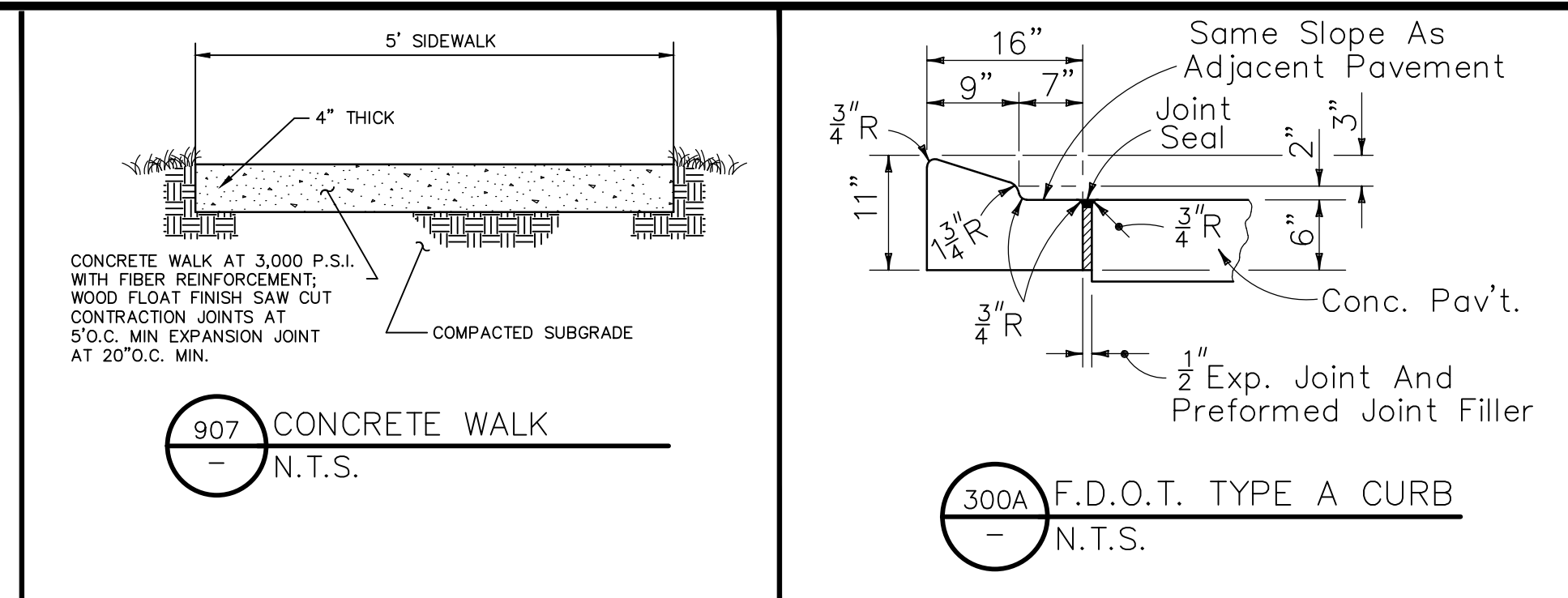
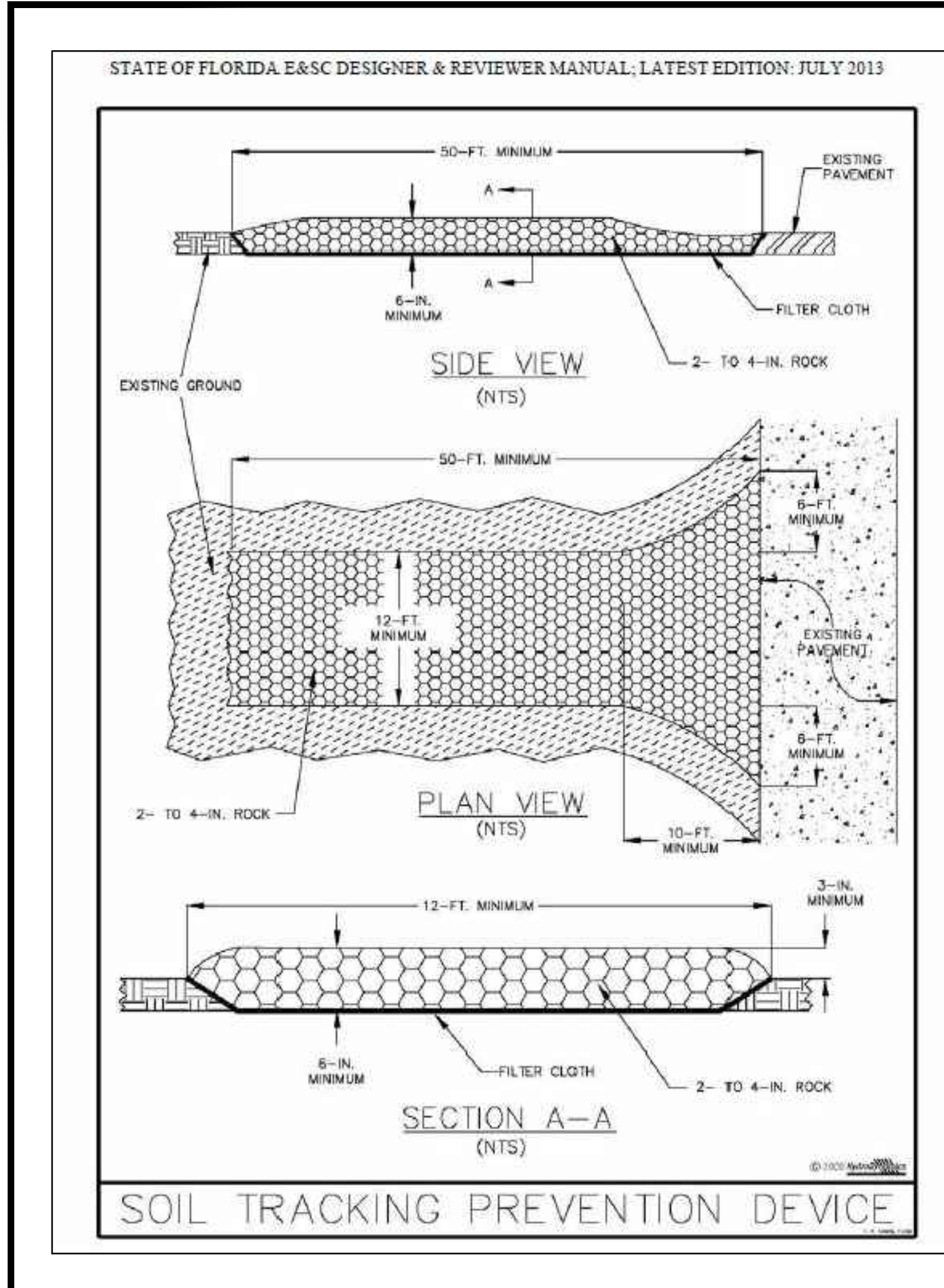
**STREET E**

NOTE:  
FOR GRAPHICAL CLARITY, RECLAIM AND FORCE MAIN  
ARE DRAWN OFFSET. ALL PRESSURE MAINS ARE TO BE  
LOCATED 3' BELOW GRADE UNLESS OTHERWISE NOTED.



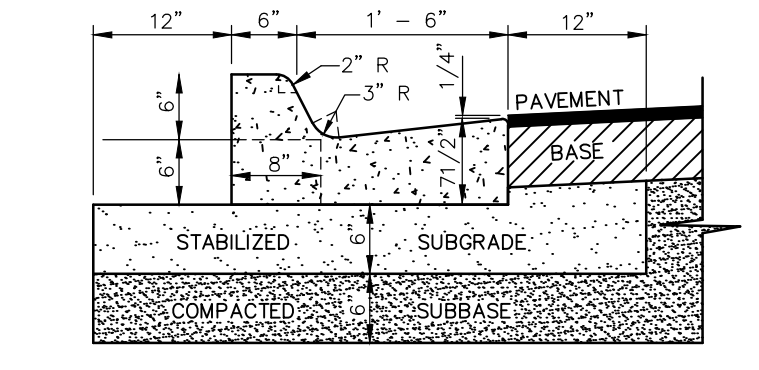
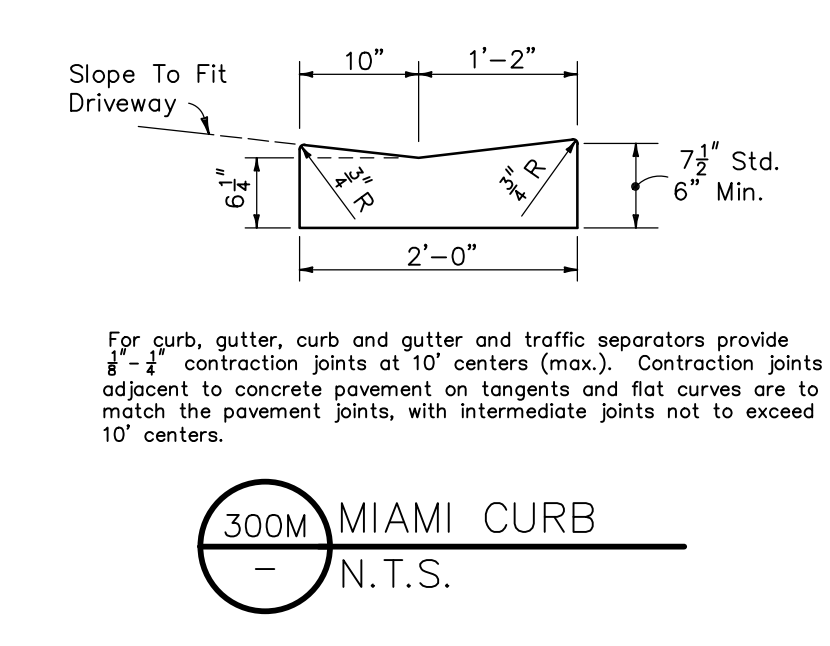
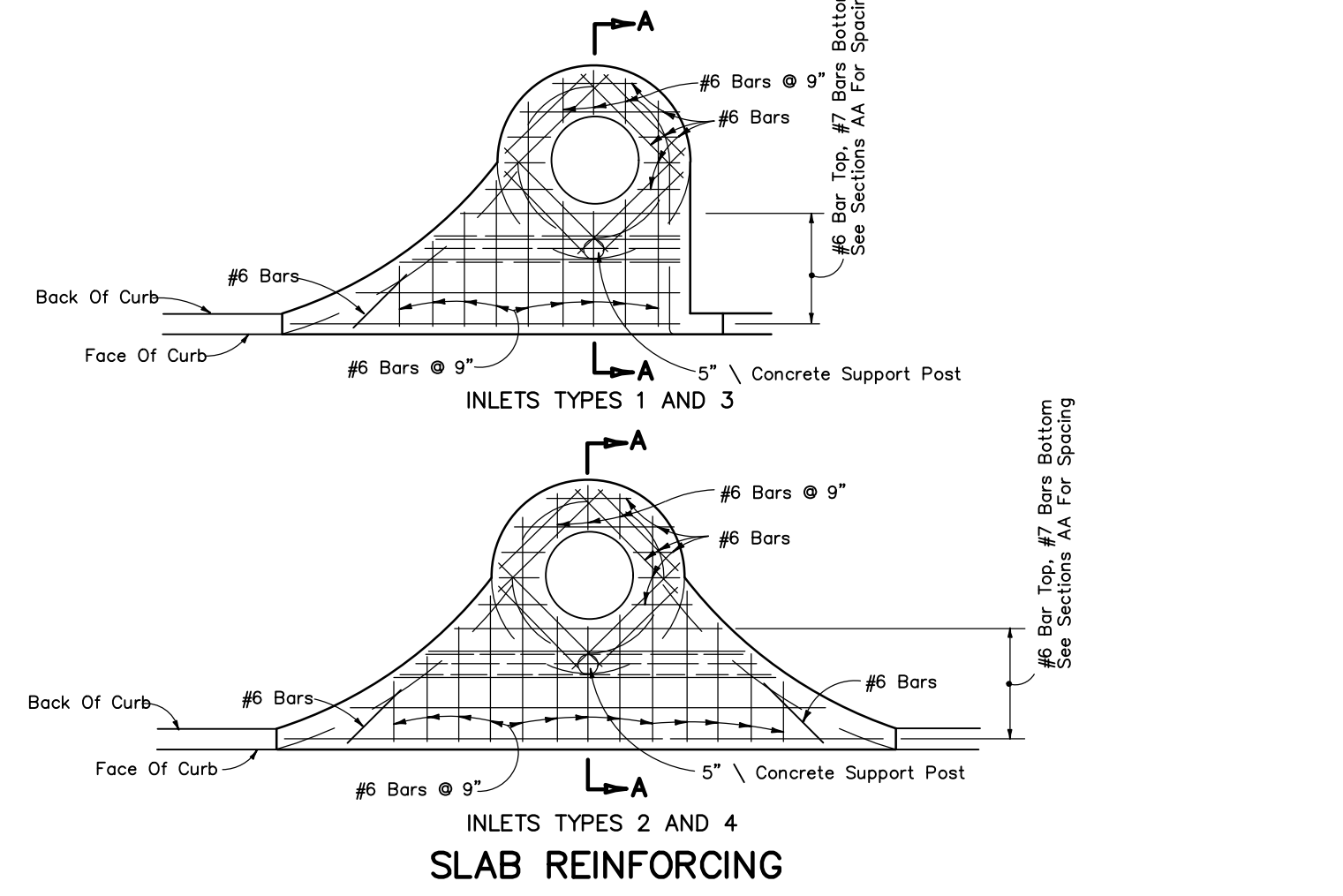
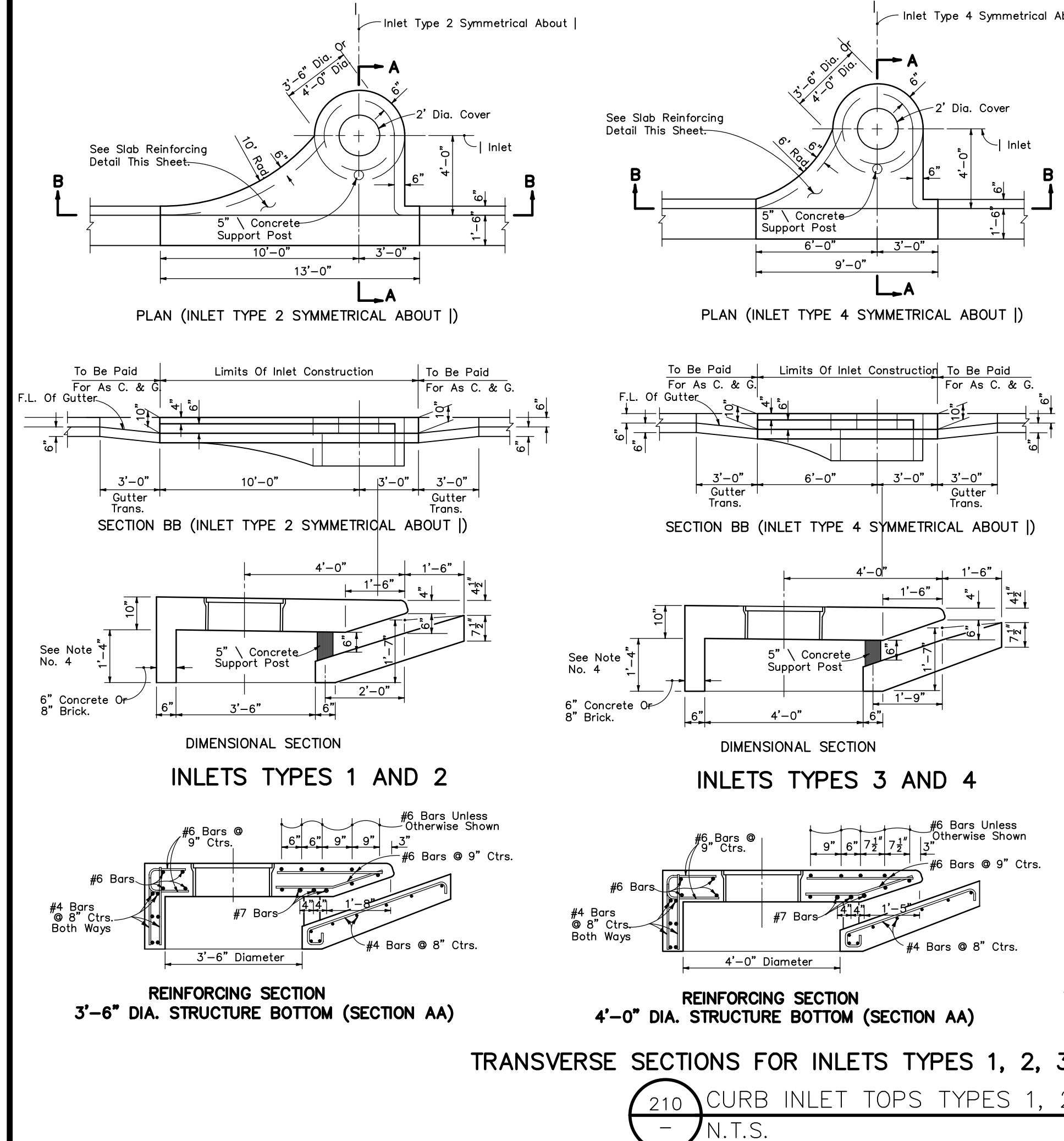
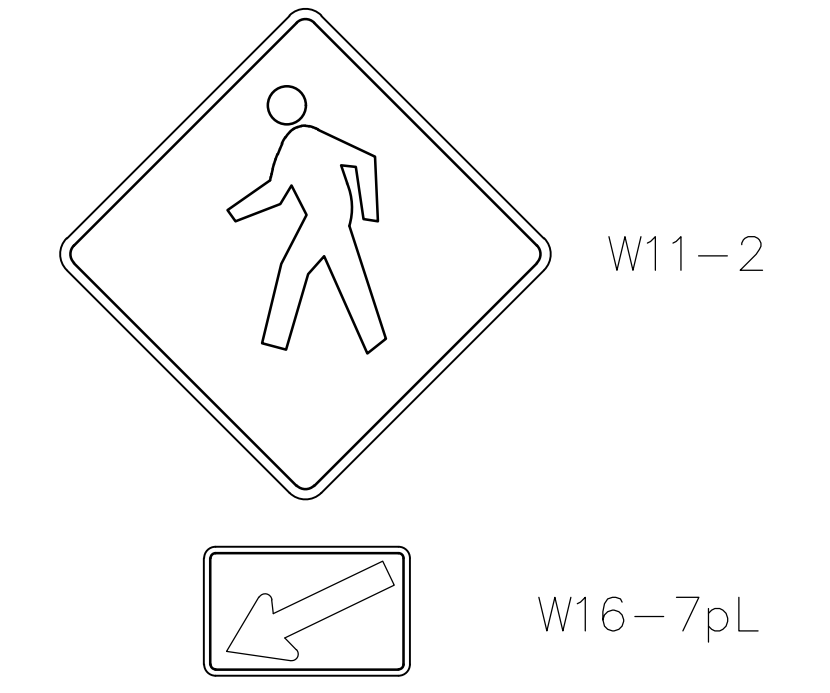
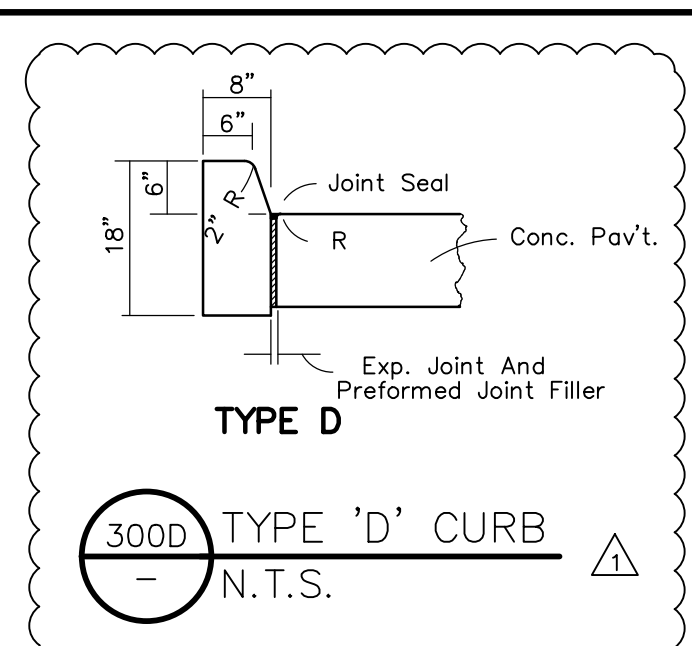
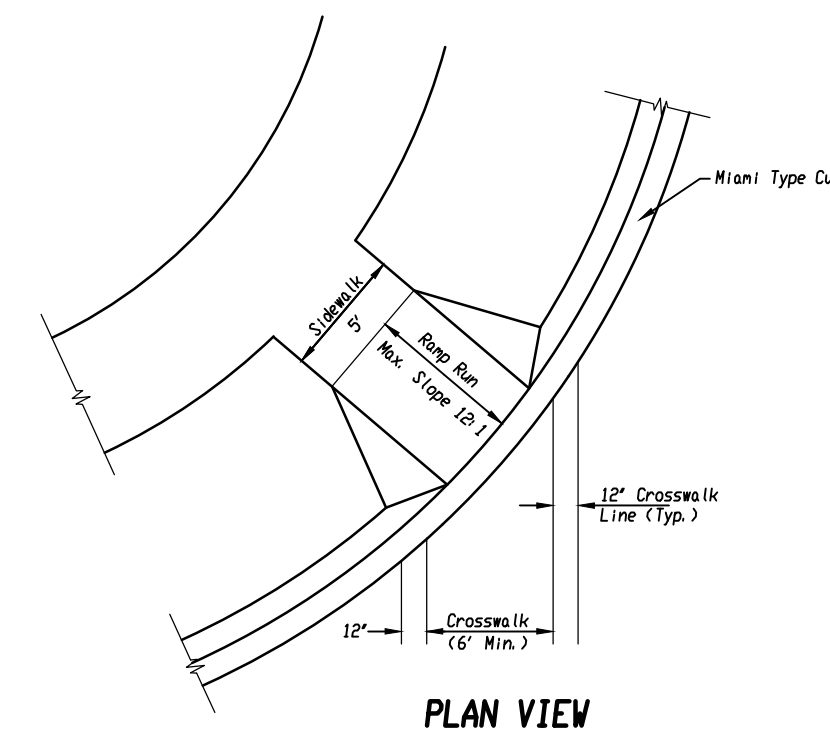
MAINTAIN MINIMUM 12"  
SEPARATION BETWEEN 4" FM,  
6" RWM AND 12" WM

MAINTAIN MINIMUM 12"  
SEPARATION BETWEEN P-24  
AND 12" WM

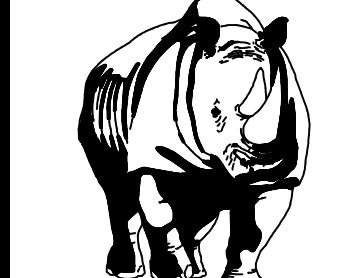


NOTE: RAMP RUNS SHALL HAVE A TACTILE SURFACE. RAMP LANDINGS ADJOINING VEHICULAR WAYS SHALL HAVE A TACTILE SURFACE 36" WIDE BORDERING THE VEHICULAR WAY.

**212 CROSSWALK, STOP SIGN, AND STOP BAR**  
- N.T.S.



- GENERAL NOTES
- The finished grade and slope of the inlet tops are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.
  - When inlets are to be constructed on a curve, refer to the plans to determine the radius and, where necessary, modify the inlet details accordingly. Bend steel when necessary.
  - All steel in inlet top shall have 1" minimum cover unless otherwise shown. Inlet tops shall be either cast-in-place or precast concrete.
  - The rear wall portion of inlet tops Types 1, 2, 3 & 4 may be constructed with brick. Dowels to top slab required.
  - For supplemental details see Index No. 201.
  - Only round concrete support post will be acceptable.
  - These inlets are to be used with Curb and Gutter Types E and F. Locate outside of pedestrian crosswalk where practical.
  - For sturture bottoms see Index No. 200.
  - Inlet to be paid for under the contract unit price for inlets (Curb) (Type. ), Each.




**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS  
431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

CONSTRUCTION DETAILS

# EDGE MONT

FOR  
LAKE COUNTY  
FLORIDA

DR. HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



ENGINEER DAVE L. STOKES  
No. 68627  
STATE OF FLORIDA  
PROFESSIONAL CIVIL ENGINEER  
CERTIFICATE OF AUTHORIZATION NO. EB-000723

NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: NTS  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

**C900**

H:\Data\19058\Eng\Final\19058\_L\_C900 - CONSTRUCTION DETAILS.dwg March 5, 2021 2:56 PM

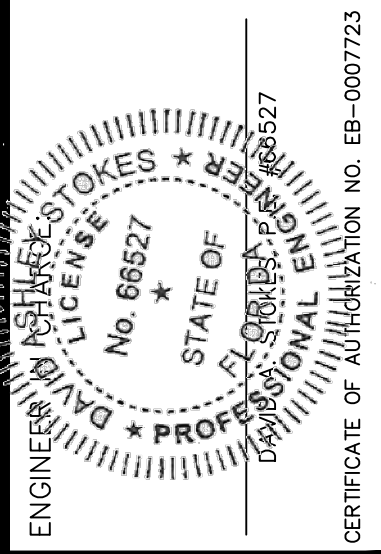


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

CONSTRUCTION DETAILS  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

DATE: 06/24/2020  
SCALE: NTS  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

JOB # 19058  
DATE: 06/24/2020  
SCALE: NTS  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C901

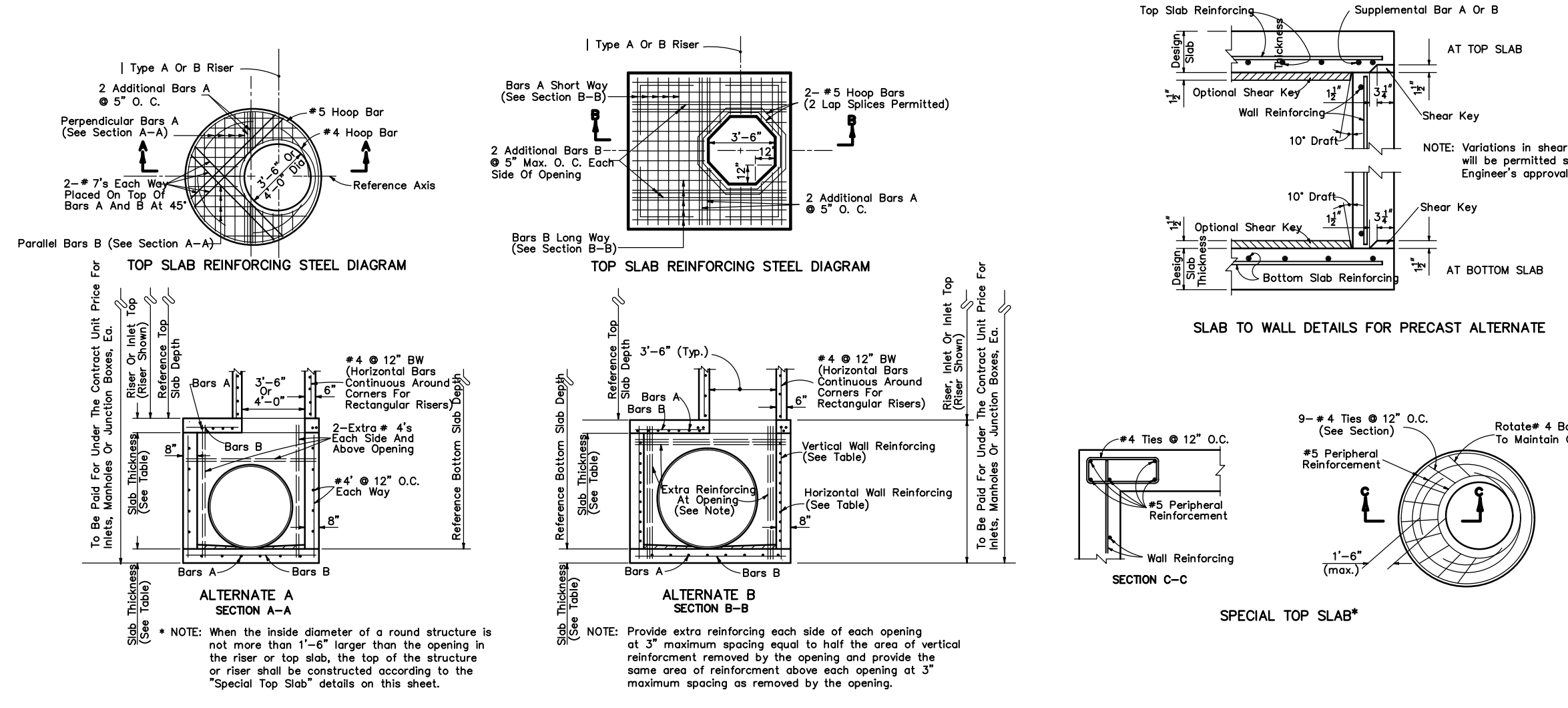
SLAB DESIGNS - SQUARE AND RECTANGULAR STRUCTURES  
(ALL SLABS 8" THICK - REINFORCING PARALLEL TO SHORT WAY AND LONG WAY)

SHORT-WAY		LONG-WAY		SHORT-WAY		LONG-WAY	
SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE	SLAB DEPTH	SCHEDULE
<b>SIZE 3'-0" UNLIMITED</b>							
20.5" - 29"	B	20.5" - 40"	B	20.5" - 3'	D	20.5" - 3'	D
29" - 40"	C			3" - 4"	C	3" - 4"	C
				4" - 14"	B	4" - 14"	B
				14" - 21"	C	14" - 21"	C
				21" - 28"	D	21" - 28"	D
				28" - 40"	F	28" - 40"	F
<b>SIZE 4'-0" UNLIMITED</b>							
20.5" - 19"	B	20.5" - 34"	B	20.5" - 3'	D	20.5" - 3'	D
19" - 29"	D	34" - 40"	C	3" - 4"	C	3" - 4"	C
				4" - 12"	G	4" - 12"	G
				12" - 19"	C	12" - 19"	C
				19" - 26"	D	19" - 26"	D
				26" - 40"	F	26" - 40"	F
<b>SIZE 6'1"</b>							
20.5" - 3'	C	20.5" - 3'	C	20.5" - 3'	D	20.5" - 3'	D
3" - 19"	B	3" - 19"	B	3" - 4"	C	3" - 4"	C
19" - 28"	C	19" - 28"	C	4" - 7"	B	4" - 16"	B
28" - 38"	D	28" - 38"	D	7" - 16"	C	16" - 23"	C
38" - 40"	F	38" - 40"	F	16" - 23"	D	23" - 32"	D
<b>SIZE 6'1"</b>							
20.5" - 3'	C	20.5" - 3'	C	20.5" - 3'	D	20.5" - 3'	D
3" - 14"	B	3" - 14"	B	3" - 4"	C	3" - 4"	C
14" - 24"	C	14" - 24"	C	4" - 7"	B	4" - 16"	B
24" - 34"	D	24" - 34"	D	7" - 16"	C	16" - 23"	C
34" - 40"	F	34" - 40"	F	16" - 23"	D	23" - 32"	D
<b>SIZE 6'1"</b>							
20.5" - 3'	C	20.5" - 3'	C	20.5" - 3'	D	20.5" - 3'	D
3" - 14"	B	3" - 14"	B	3" - 4"	C	3" - 4"	C
14" - 21"	C	14" - 21"	C	4" - 16"	B	4" - 16"	B
21" - 27"	E	21" - 27"	E	16" - 22"	D	16" - 22"	D
27" - 40"	G	27" - 40"	G	22" - 28"	E	22" - 28"	E
<b>SIZE 6'1"</b>							
20.5" - 3'	C	20.5" - 3'	C	20.5" - 3'	D	20.5" - 3'	D
3" - 8"	B	3" - 8"	B	3" - 4"	C	3" - 4"	C
8" - 17"	C	8" - 17"	C	4" - 12"	B	4" - 12"	B
17" - 23"	D	17" - 23"	D	12" - 18"	C	12" - 18"	C
23" - 40"	F	23" - 40"	F	18" - 24"	E	18" - 24"	E
<b>SIZE 7'1"</b>							
20.5" - 3'	C	20.5" - 3'	C	20.5" - 3'	D	20.5" - 3'	D
3" - 4"	B	3" - 4"	B	3" - 4"	C	3" - 4"	C
4" - 15"	C	4" - 15"	C	4" - 12"	B	4" - 12"	B
15" - 21"	D	15" - 21"	D	12" - 18"	C	12" - 18"	C
21" - 27"	E	21" - 27"	E	18" - 24"	E	18" - 24"	E
27" - 40"	G	27" - 40"	G	24" - 32"	F	24" - 32"	F

GENERAL NOTES

- Slab thickness is appropriate for top, intermediate, and bottom slabs.
- Slab depth is measured from finished grade to top of slab.
- Wall design depth is measured to the top of the bottom slab for boxes and to the top of the intermediate slab for risers.
- Wall height is the distance between top of lower slab to bottom of upper slab.

SCHEDULE	GRADE 60 STEEL (65 KSI UTS FIBERGLASS)
A	0.20
B	0.24
C	0.37
D	0.53
E	0.75
F	1.06
G	1.45



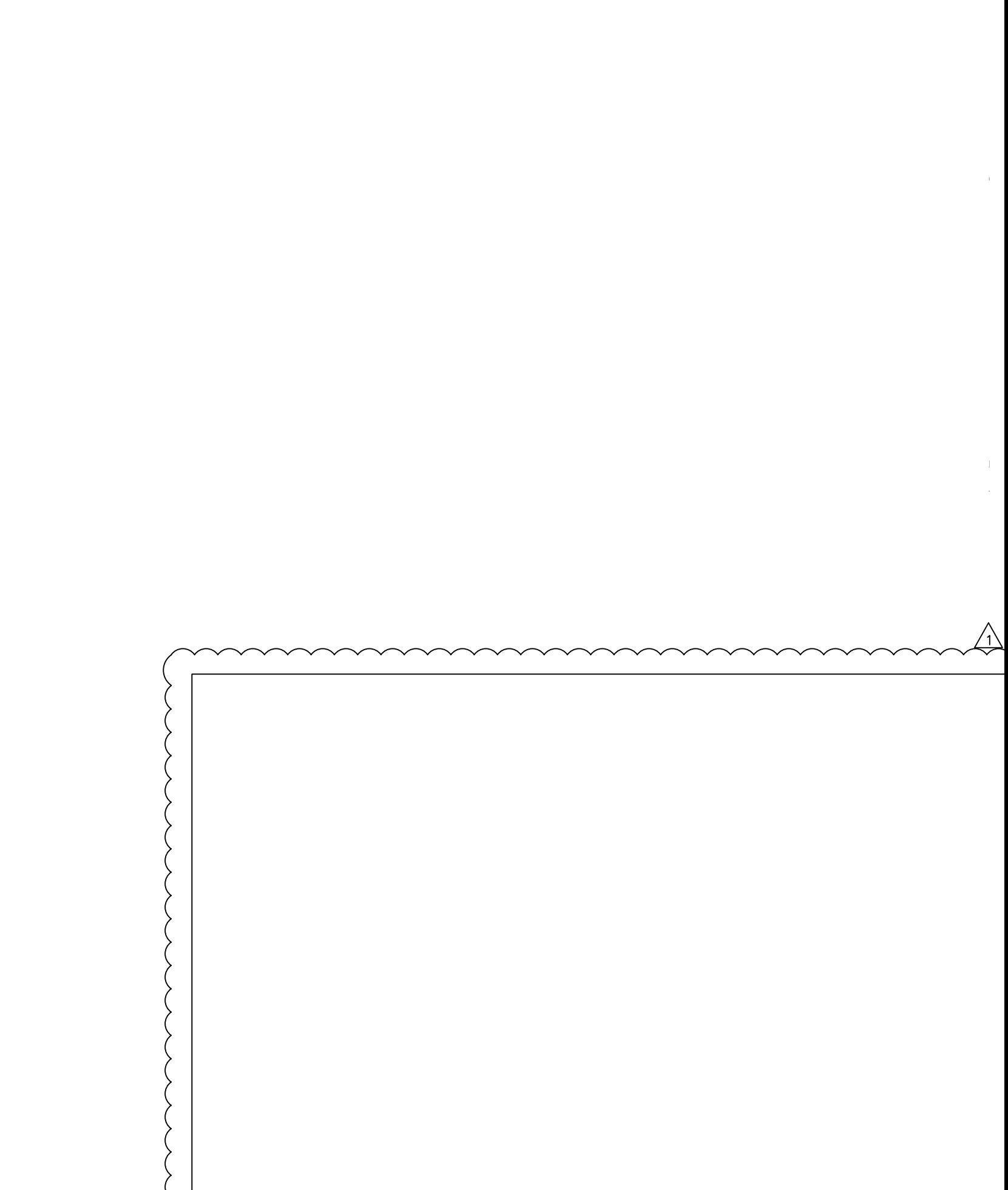
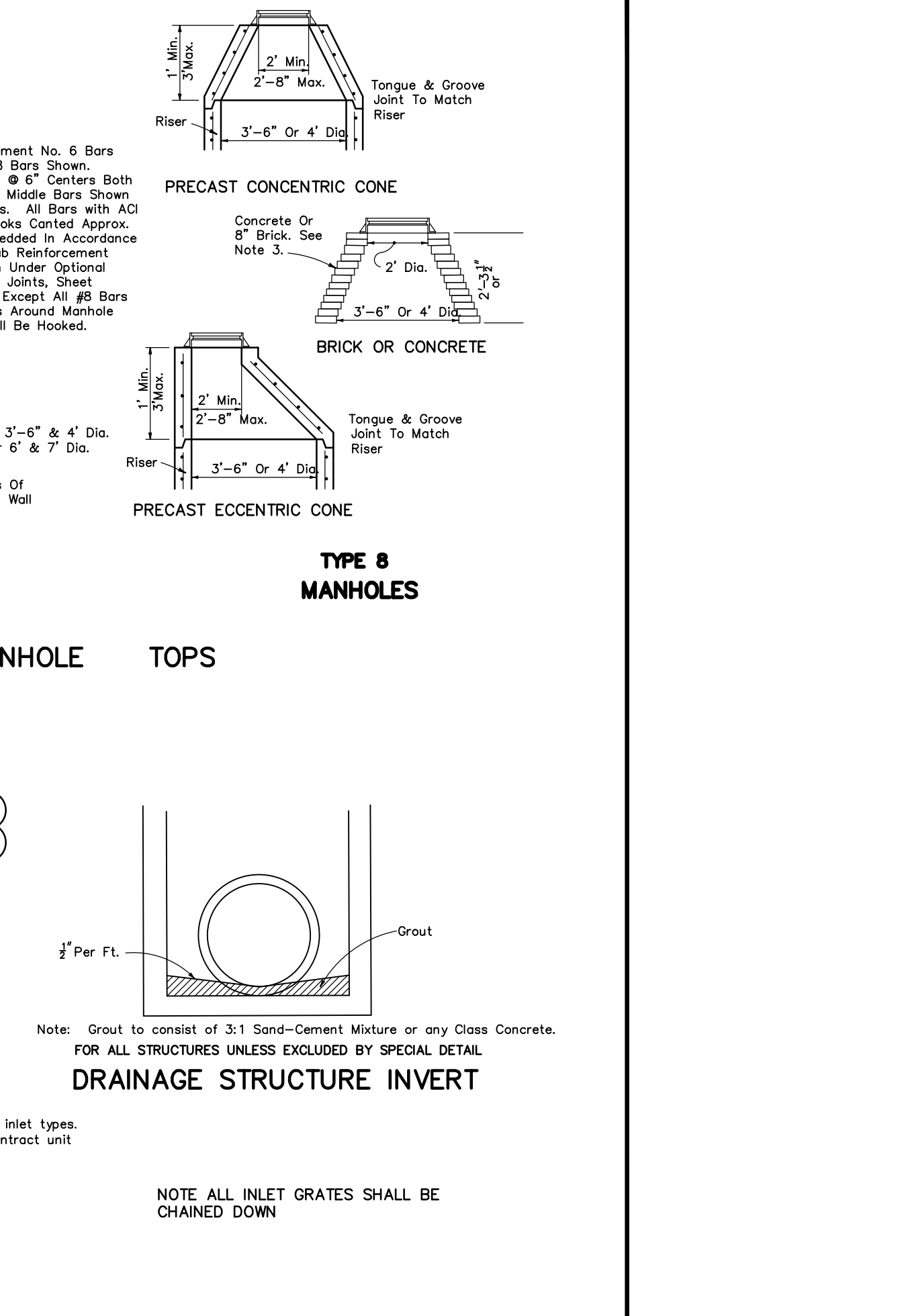
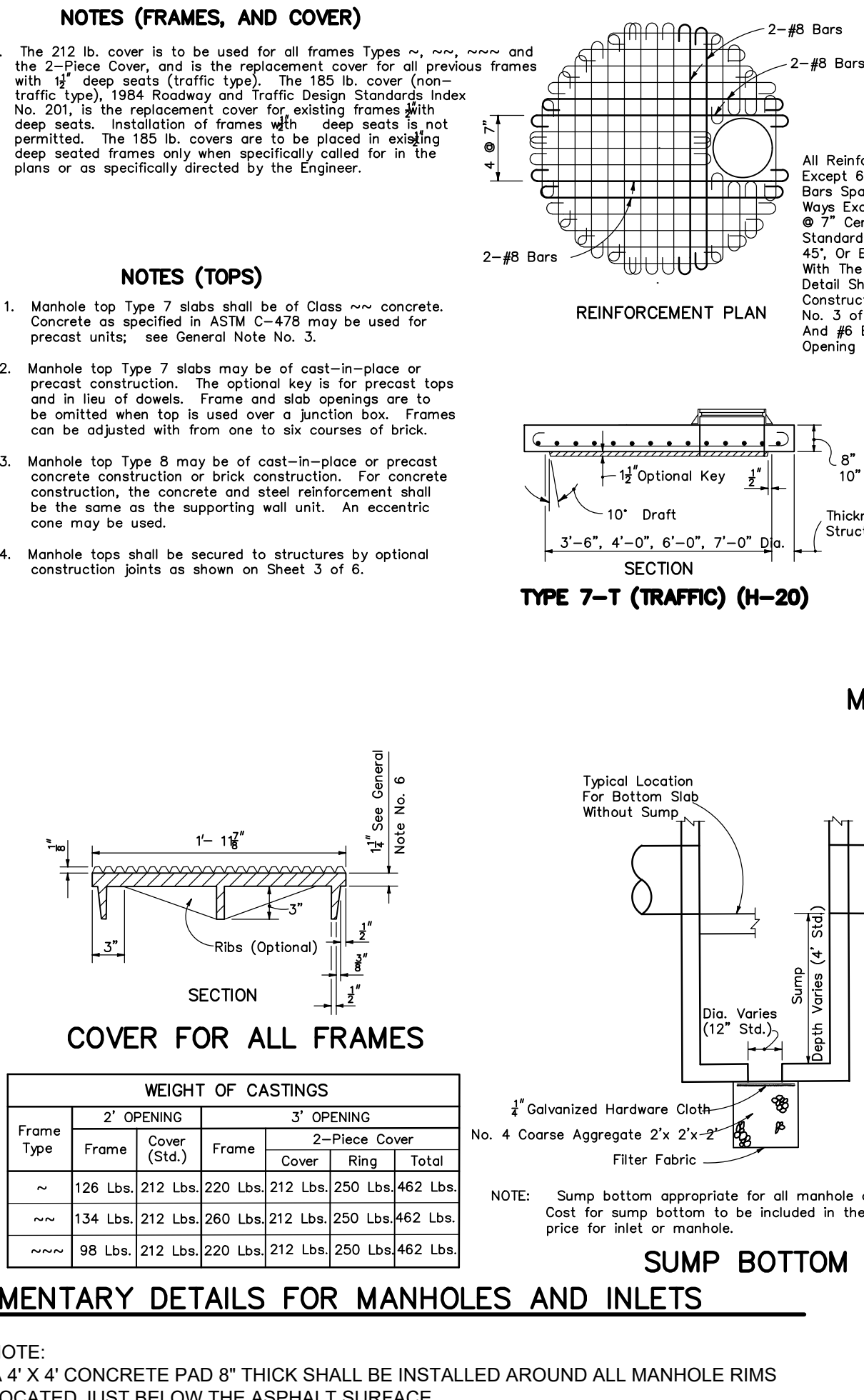
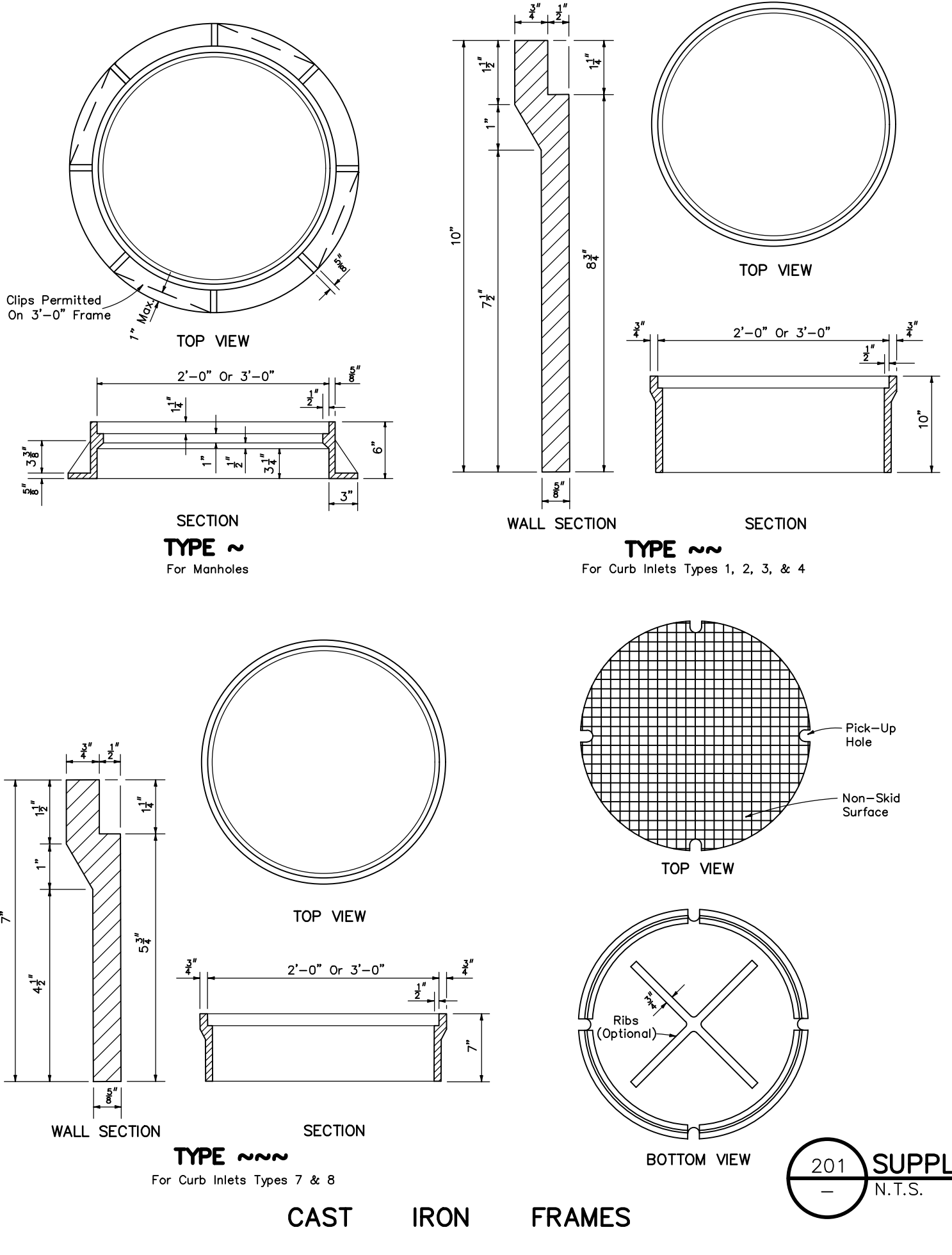
NOTE: Variations in shear key dimensions will be permitted subject to the Engineer's approval.

NOTE: Provide extra reinforcing each side of each opening of 3" maximum spacing equal to half the area of vertical reinforcement removed by the opening and provide the same area of reinforcement above each opening at 3" maximum spacing as removed by the opening.

GENERAL NOTES

- Standard structure bottoms 4'-0" diameter and smaller (Alt. A) and 6'-0" diameter and smaller (Alt. B) are designated Type P. Larger standard structure bottoms (Types 1, 2, 3, 4, 5, 6, 9, and 10, and any manhole or junction box standard drawings) are designated Type J. Riser are permitted for all structures.
- Walls of circular structures (Alternate A) constructed in place may be of non-reinforced concrete or brick or reinforced concrete. Precast drawings of rectangular structures (Alternate B) shall be constructed of reinforced concrete only.
- Rectangular structures may be rotated as directed by the Engineer in order to facilitate connections between the structure walls and storm sewer pipes.
- Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast circular units may be furnished with walls in accordance with either A.S.T.M. C-478 (or to 90° diameter) or A.S.T.M. C-79. Class B wall, manhole where the vertical riser is placed in the center one-third of the wall.
- Top and floor slab thickness and reinforcement are for precast and cast-in-place construction. Top and floor slabs shall be of Class B concrete. Concrete as specified in A.S.T.M. C-478 (4000 psi) may be used in lieu of Class B concrete in precast terms manufacturing plants which are under the "Standard Operating Procedures" for the inspection of precast drainage products.
- All reinforcement shall be A.S.T.M. A615, Grade 60 or 65 KSI welded wire fabric, either smooth or deformed.
- The corner fillets shown are necessary for rectangular structures used with circular risers (Alt. B) or designated Type P. Larger standard structure bottoms (Types 1, 2, 3, 4, 5, 6, 9, and 10, and any manhole or junction box standard drawings) are designated Type J. Riser are permitted for all structures.
- Walls of circular structures (Alternate A) constructed in place may be of non-reinforced concrete or brick or reinforced concrete. Precast drawings of rectangular structures (Alternate B) shall be constructed of reinforced concrete only.
- Rectangular structures may be rotated as directed by the Engineer in order to facilitate connections between the structure walls and storm sewer pipes.
- Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast circular units may be furnished with walls in accordance with either A.S.T.M. C-478 (or to 90° diameter) or A.S.T.M. C-79. Class B wall, manhole where the vertical riser is placed in the center one-third of the wall.
- Top and floor slab thickness and reinforcement are for precast and cast-in-place construction. Top and floor slabs shall be of Class B concrete. Concrete as specified in A.S.T.M. C-478 (4000 psi) may be used in lieu of Class B concrete in precast terms manufacturing plants which are under the "Standard Operating Procedures" for the inspection of precast drainage products.
- All reinforcement shall be A.S.T.M. A615, Grade 60 or 65 KSI welded wire fabric, either smooth or deformed.
- The corner fillets shown are necessary for rectangular structures used with circular risers (Alt. B) or designated Type P. Larger standard structure bottoms (Types 1, 2, 3, 4, 5, 6, 9, and 10, and any manhole or junction box standard drawings) are designated Type J. Riser are permitted for all structures.
- Walls of circular structures (Alternate A) constructed in place may be of non-reinforced concrete or brick or reinforced concrete. Precast drawings of rectangular structures (Alternate B) shall be constructed of reinforced concrete only.
- Rectangular structures may be rotated as directed by the Engineer in order to facilitate connections between the structure walls and storm sewer pipes.
- Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast circular units may be furnished with walls in accordance with either A.S.T.M. C-478 (or to 90° diameter) or A.S.T.M. C-79. Class B wall, manhole where the vertical riser is placed in the center one-third of the wall.
- Top and floor slab thickness and reinforcement are for precast and cast-in-place construction. Top and floor slabs shall be of Class B concrete. Concrete as specified in A.S.T.M. C-478 (4000 psi) may be used in lieu of Class B concrete in precast terms manufacturing plants which are under the "Standard Operating Procedures" for the inspection of precast drainage products.
- All reinforcement shall be A.S.T.M. A615, Grade 60 or 65 KSI welded wire fabric, either smooth or deformed.

NOTE ALL INLET GRATES SHALL BE CHAINED DOWN



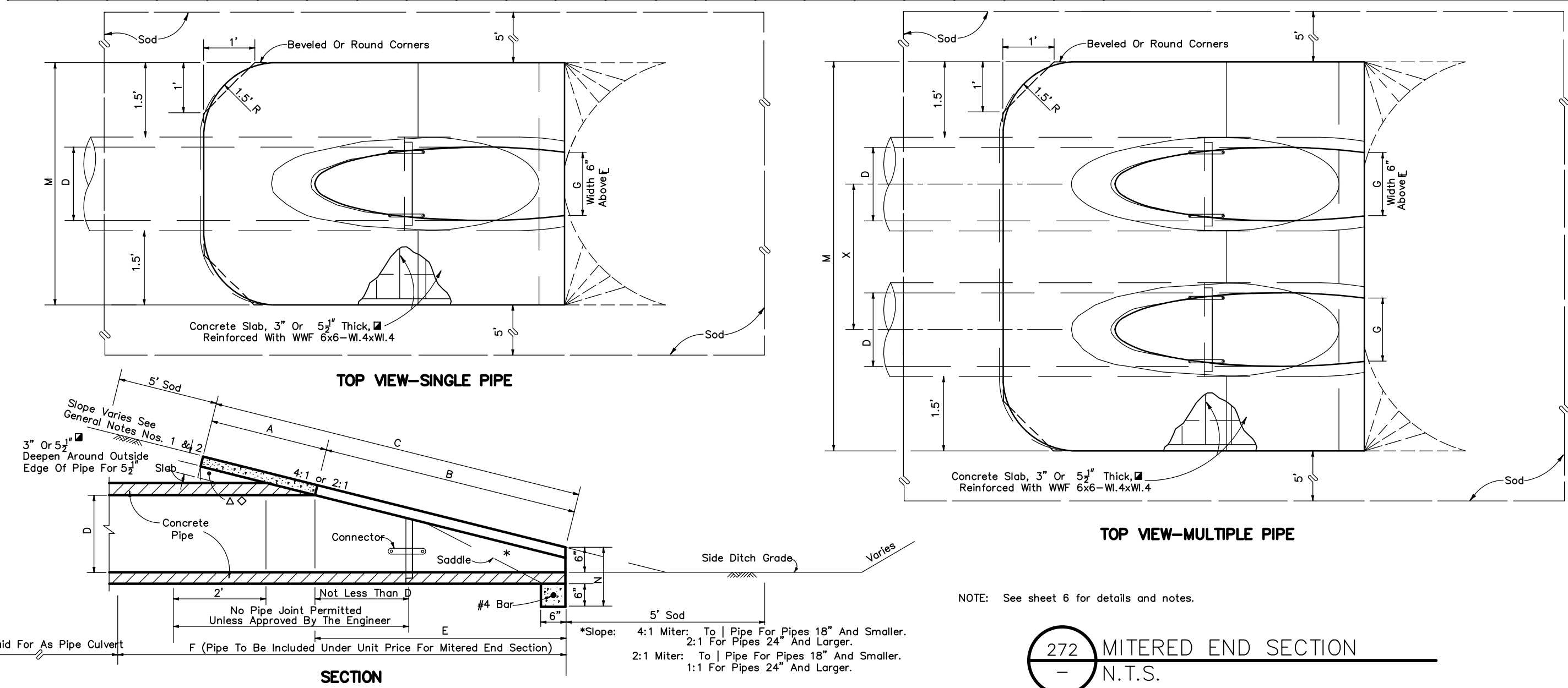
NOTE: A 4' X 4' CONCRETE PAD 8" THICK SHALL BE INSTALLED AROUND ALL MANHOLE RIMS LOCATED JUST BELOW THE ASPHALT SURFACE



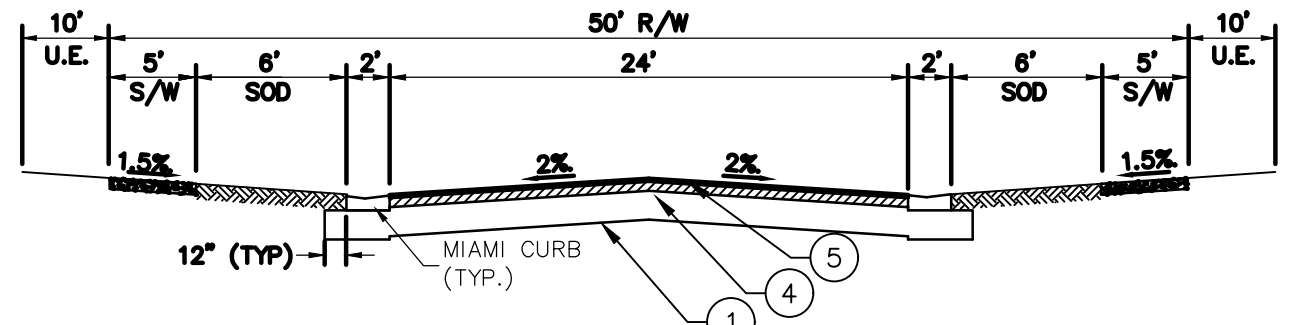
	DIMENSIONS AND QUANTITIES																				
	D	X	A	B	C	E	F	G	5" CONCRETE SLAB (CY)			SODDING (SQ. YDS.)									
									Single Pipe	Double Pipe	Quad. Pipe	Single Pipe	Double Pipe	Quad. Pipe							
2:1 Slope	15'	2'-7"	1.92	2.18	4.10	2.06	8'	1.22	4.63	7.21	9.79	12.37	1.19	0.38	0.58	0.77	21	24	27	30	
4:1 Slope	15'	2'-7"	2.27	4.08	6.36	4.03	8'	1.22	4.63	7.21	9.79	12.37	1.19	0.37	0.87	1.15	144	23	28	29	32

See General Note No. 3.  
See Sheet 5 of 6 For 3" Slab Quantities

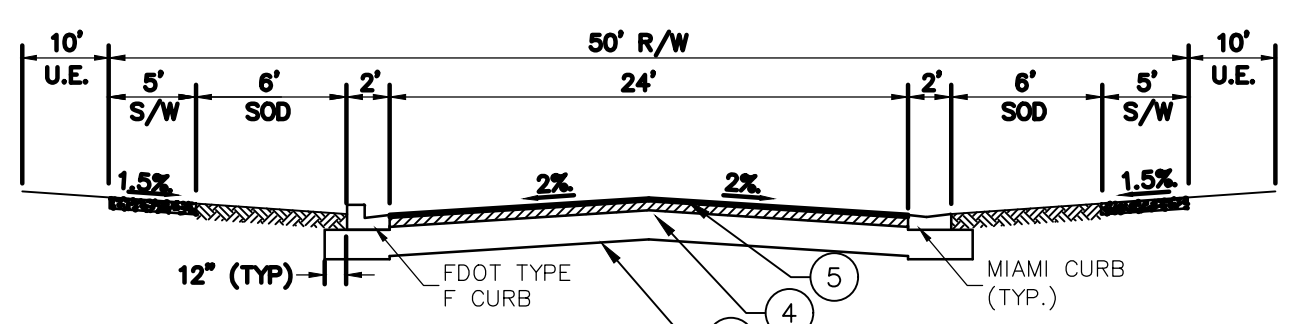
△ 6.42' △ 6.25' Dimensions permitted to allow use of 8' standard pipe lengths.  
○ 10.40' ○ 10.10' Dimensions permitted to allow use of 12' standard pipe lengths.  
△ Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



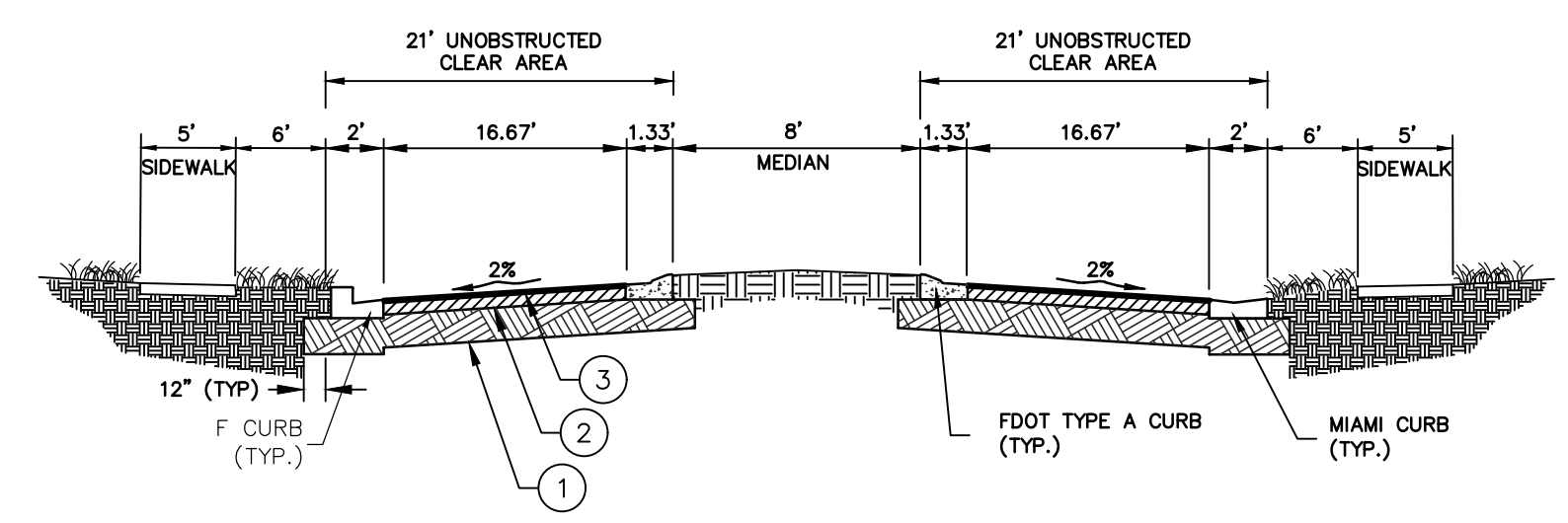
272 MITERED END SECTION  
N.T.S.



A 50' RIGHT OF WAY SECTION  
(TYP.) NOT TO SCALE



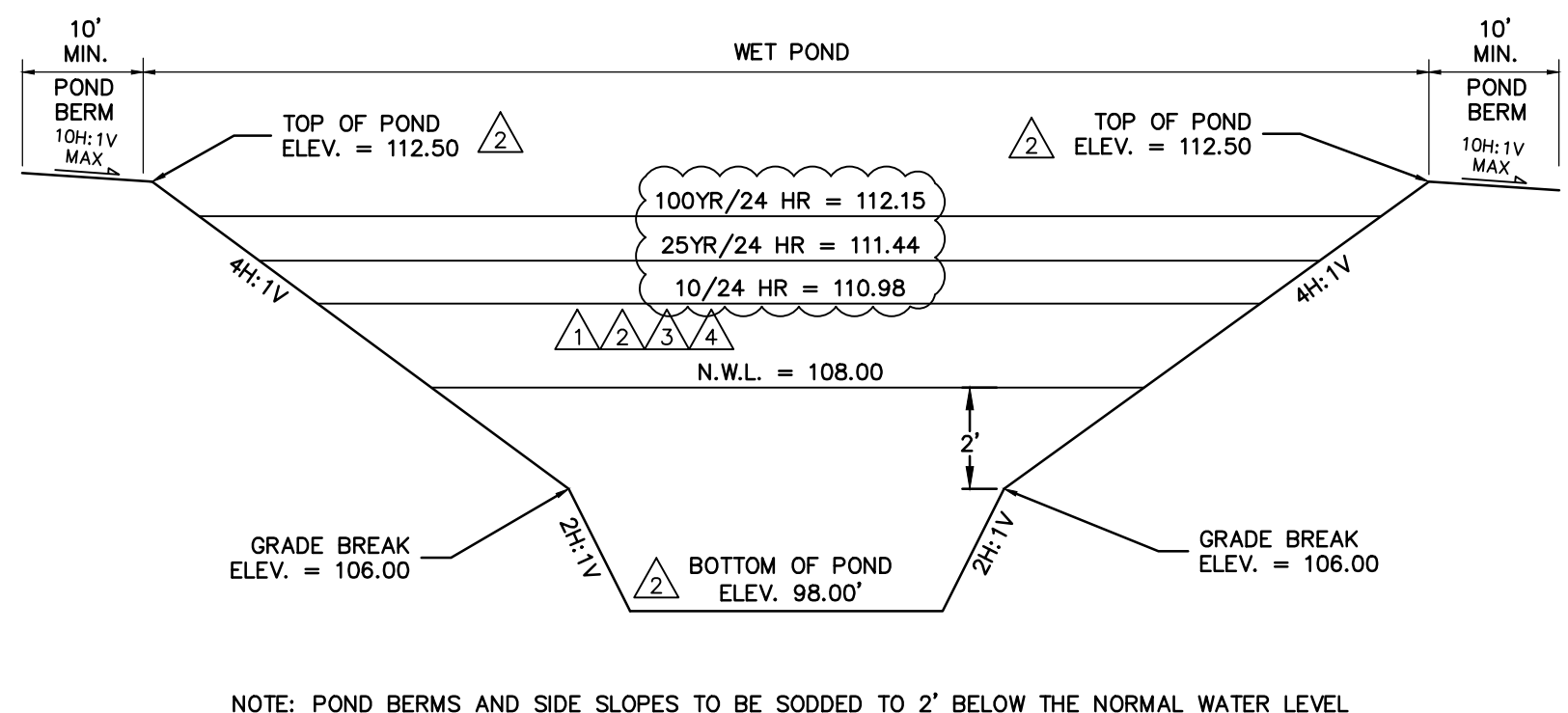
B 50' RIGHT OF WAY SECTION  
(TYP.) NOT TO SCALE



C DIVIDED ENTRANCE SECTION  
N.T.S.

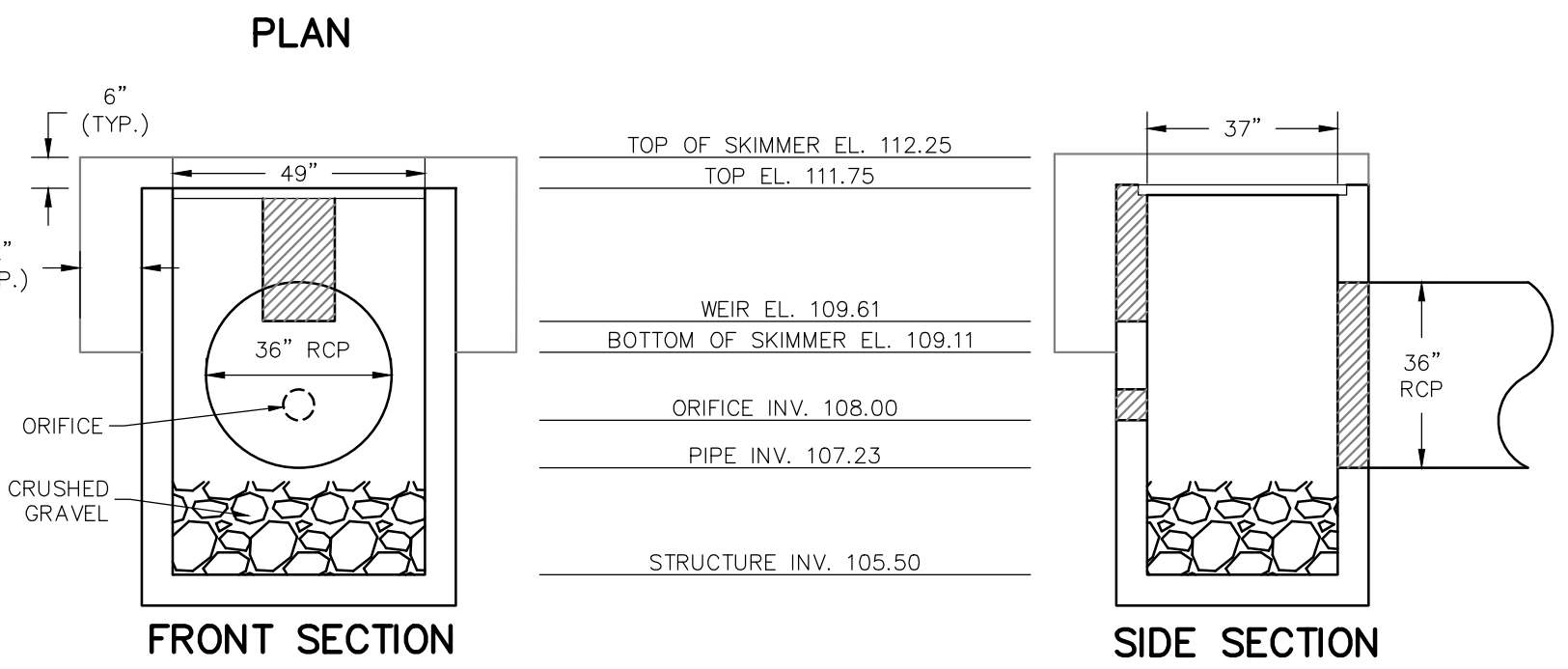
- 1 12" STABILIZED SUBGRADE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 40. OR MINIMUM FSV OF 50 PSI. SUBGRADE MATERIAL SHALL BE CLEAN OF ORGANIC MATERIAL.
- HEAVY DUTY PAVEMENT:
  - 2 8" LIMEROCK BASE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 100. LIMEROCK MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
  - ALTERNATE 1: 6" RECYCLED CONCRETE AGGREGATE (RCA) BASE COMPACTED TO 100% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 120. RCA MATERIAL SHALL BE SOURCED FROM AN FDOT APPROVED SUPPLIER AND COMPLY WITH THE GRADATION REQUIREMENTS LISTED IN THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
- 2 1/2" TYPE SP 12.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY
- LIGHT DUTY PAVEMENT:
  - 4 6" LIMEROCK BASE COMPACTED TO 98% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 100. LIMEROCK MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
  - ALTERNATE 1: 6" RECYCLED CONCRETE AGGREGATE (RCA) BASE COMPACTED TO 100% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY WITH A MINIMUM LBR OF 120. RCA MATERIAL SHALL BE SOURCED FROM AN FDOT APPROVED SUPPLIER AND COMPLY WITH THE GRADATION REQUIREMENTS LISTED IN THE LATEST EDITION OF FDOT ROAD & BRIDGE CONSTRUCTION SPECIFICATIONS.
- 5 1 1/2" TYPE SP 9.5 ASPHALTIC CONCRETE COMPACTED TO 93% OF MAXIMUM DENSITY

PAVEMENT SPECIFICATIONS  
N.T.S.

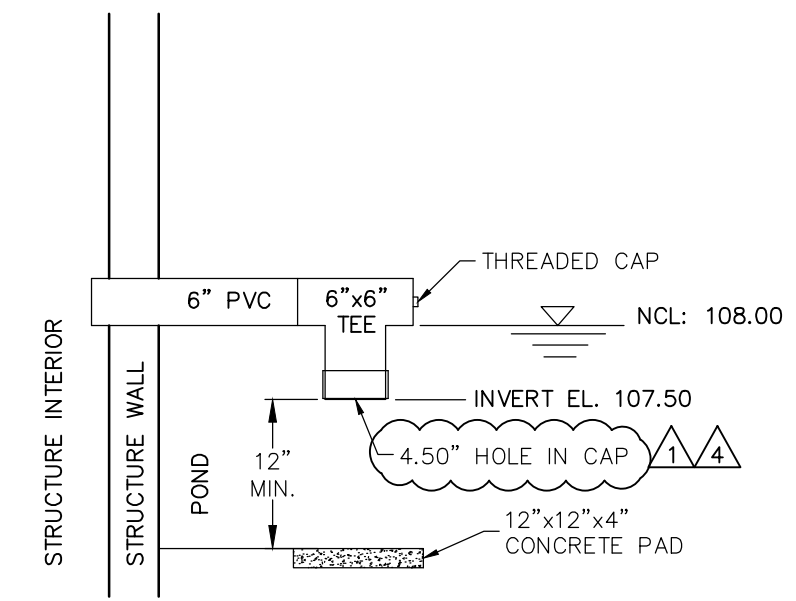


NOTE: POND BERMS AND SIDE SLOPES TO BE SODDED TO 2' BELOW THE NORMAL WATER LEVEL.

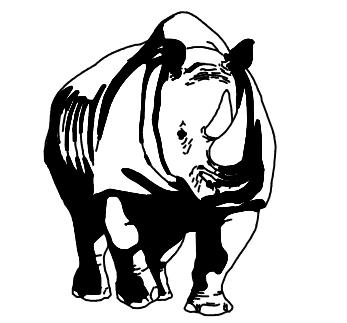
PD1 WET POND 1 SECTION  
N.T.S.



CS1 FDOT MODIFIED TYPE "C" INLET  
N.T.S.



PVC1 ORIFICE DETAIL (POND 1)  
N.T.S.

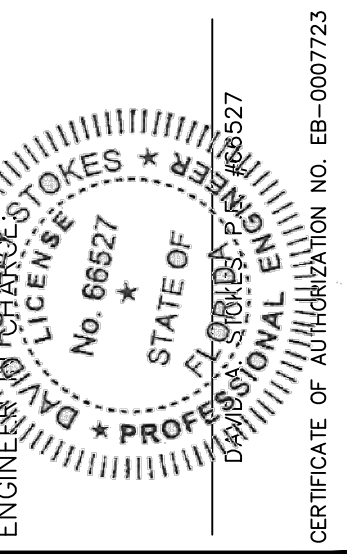


**MADDEN**  
MOORHEAD & STOKES, LLC  
CIVIL ENGINEERS

431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

CONSTRUCTION DETAILS  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

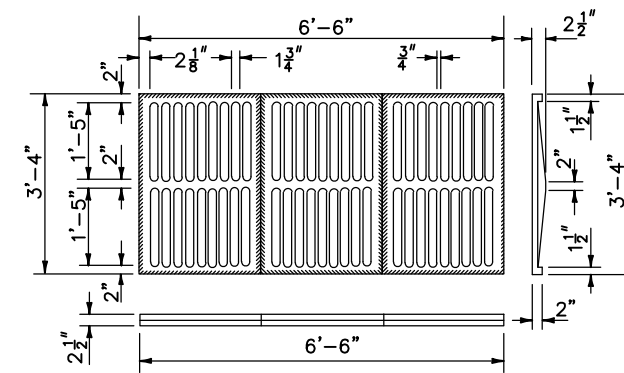
DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



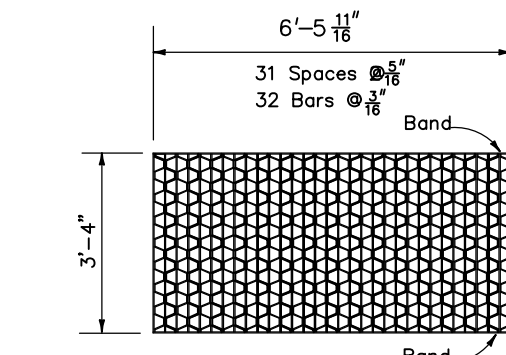
NO.	DATE	REVISIONS
1	10/15/20	REVISED PER SRWMD COMMENTS
2	2/7/20	REVISED PER LAKE COUNTY COMMENTS
3	4/8/20	REVISED PER SRWMD COMMENTS
4	8/25/21	REVISED PER SRWMD COMMENTS
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: NTS  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

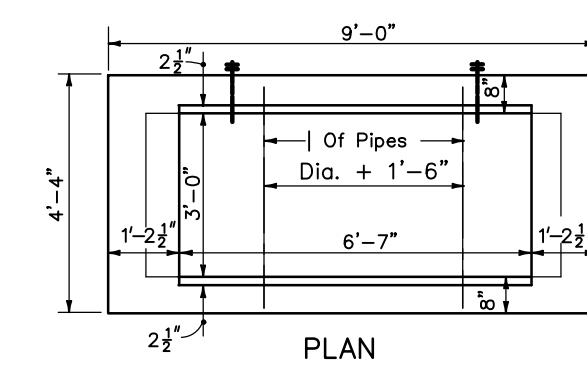
C902



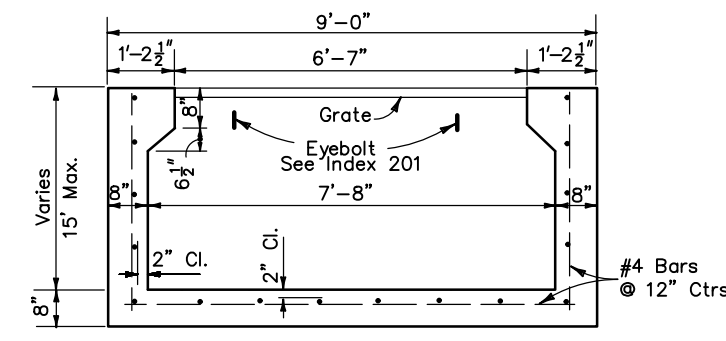
TYPE H  
Approx. Weight 725 Lbs.



TYPE H  
Straight Bars 2" x 3/8"  
Reticuline Bars 1 1/2" x 3/8"  
Bands 1 1/2" x 3/8"  
Approx. Weight 315 Lbs.



PLAN



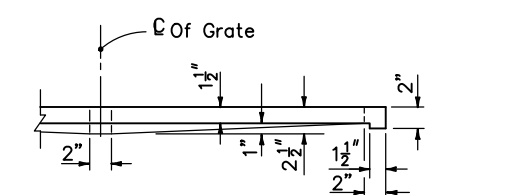
SECTION

TYPE H

Recommended Maximum Pipe Size:  
3'-0" Wall-24" Pipe  
7'-0" Wall-1-60" Pipe  
2'-30" Pipe

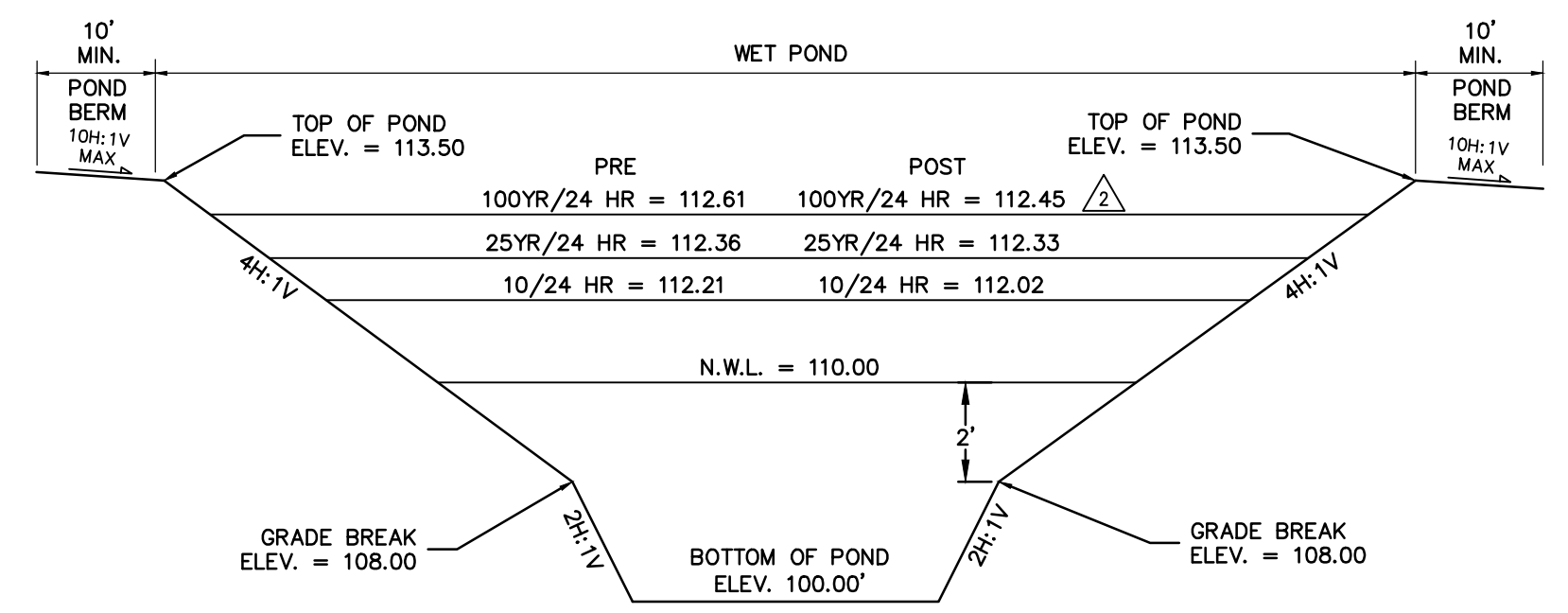
GENERAL NOTES

- These inlets are suitable for bicycle and pedestrian areas and are to be used in ditches, medians and other areas subject to infrequent traffic loadings but are not to be placed in areas subject to any heavy wheel loads.
- Inlets subject to minimal debris should be constructed without slots. Where debris is a problem inlets should be constructed with slots. Slotted inlets located within roadway clear zones and in areas accessible to pedestrians shall have traversable slots. The traversable slot modification is not adaptable to Inlet Type H. Slots may be constructed at either or both ends as shown on plans.
- Steel grates are to be used on all inlets where bicycle traffic is anticipated. Steel grates are to be used on all inlets with traversable slots. Either cast iron or steel grates may be used on inlets without slots where bicycle traffic is not anticipated. Either cast iron or steel grates may be used on all inlets with non-traversable slots. Subject to the selection described above, when Alternate G grate is specified in the plans, either the steel grate, hot dipped galvanized after fabrication, or the cast iron grate may be used, unless the plans stipulate the particular type.
- Recommended maximum pipe sizes shown are for concrete pipe. Pipe sizes larger than those recommended must be checked for fit.
- All exposed corners and edges of concrete are to be chamfered.
- Pavement to be used on inlets without slots and inlets with non-traversable slots only when called for in the plans, but required on all traversable slot inlets. Cost to be included in contract unit price for inlets. Quantities shown are for information only.
- Traversable slots constructed in existing inlets shall be paid for as inlets partial, and shall include the cost for slot openings, paving and any required replacement grates.
- Sodding to be used on all inlets not located in paved areas and paid for under contract unit price for Sodding SY.
- For supplementary details see Detail No. 201.



HALF SECTION CAST IRON GRATES

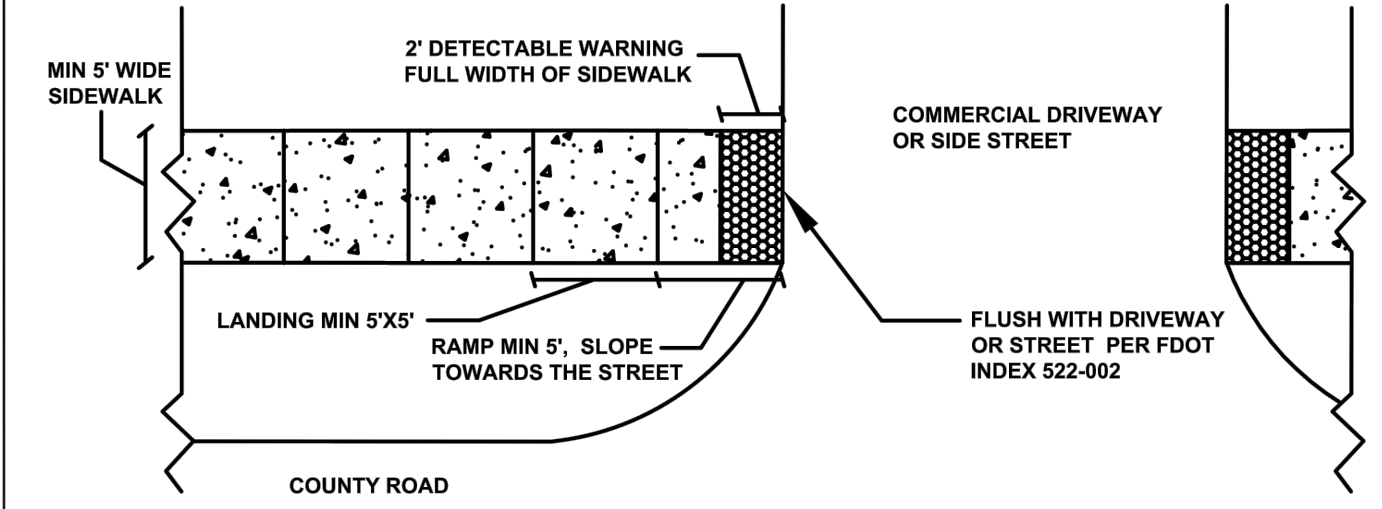
232H F.D.O.T. TYPE H INLET  
N.T.S.



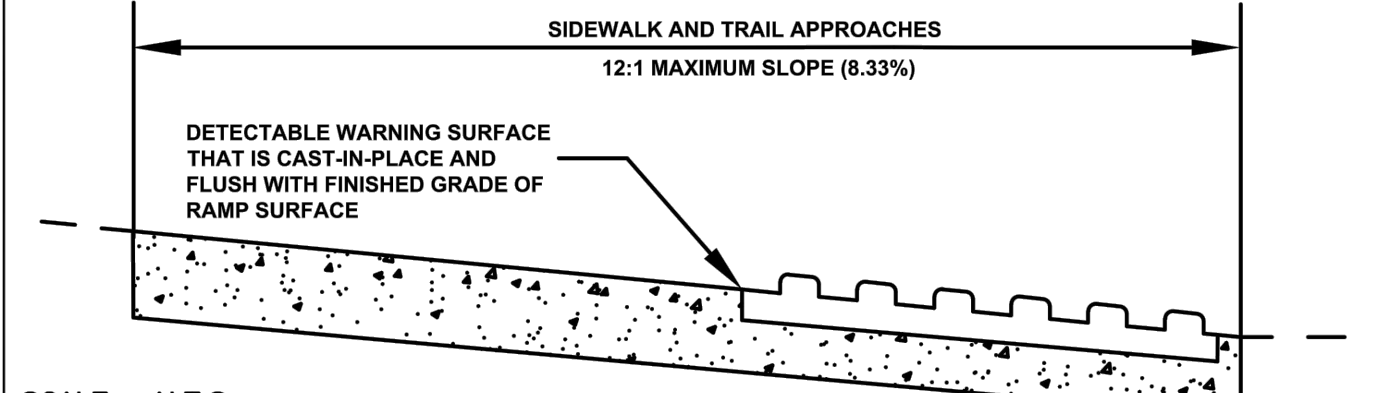
NOTE: POND BERMS AND SIDE SLOPES TO BE SODDED TO 2' BELOW THE NORMAL WATER LEVEL.

EXPD EXISTING POND 1 SECTION  
N.T.S.

TYPICAL CAST-IN-PLACE OR WET SET  
DETECTABLE WARNING MAT DETAIL



- NOTES:
- ALL SIDEWALKS AND TRAILS INTERSECTING CURBED ROADWAYS AND COMMERCIAL DRIVEWAYS SHALL HAVE CONCRETE CURB RAMPS, REFER TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARDS PLAN FOR ROAD CONSTRUCTION 2018-19 FOR INDEX 522-001 AND 522-002.
  - ALL SIDEWALK AND TRAIL INTERSECTIONS WITH UNCURBED DRIVEWAYS TWENTY FOUR FEET AND WIDER AND UNCURBED ROADWAYS SHALL HAVE A CONCRETE APRON EXTENDING THE FULL WIDTH OF THE TRAIL OR MINIMUM OF FIVE (5) FEET. ALL SIDEWALK AND TRAIL APPROACHES SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE APPROACH AND TWENTY FOUR (24) INCHES IN THE DIRECTION OF TRAVEL.
  - ALL DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT SPECIFICATION 527, FDOT STANDARD PLANS FOR ROAD CONSTRUCTION 2018-19 FOR INDEX 522-002, ADA SPECIFICATIONS, AND BE INSTALLED SUCH THAT THE EDGE OF THE DETECTABLE WARNING SURFACE IS FLUSH WITH THE FINISHED GRADE OF THE APPROACH SURFACE.
  - DETECTABLE WARNING SURFACES WITHIN COUNTY RIGHT-OF-WAY SHALL BE EITHER CAST-IN-PLACE, LIQUID APPLIED, OR THERMOPLASTIC APPLIED MAT. THE SUPPLIERS FOR THESE TWO TYPES OF DETECTABLE WARNING SURFACES MUST BE APPROVED ON THE MOST RECENT FDOT APPROVED PRODUCT LIST (APL) SPECIFICATION 527 DETECTABLE WARNINGS ON WALKING SURFACES.
  - WHEN DETECTABLE WARNING SURFACE IS INSTALLED IN A RADIUS WHERE CANNOT BE FLUSH WITH THE DRIVEWAY OR STREET THE FURTHEST EDGE SHALL BE INSTALLED NO GREATER THAN 5' FROM BACK OF CURB OR EDGE OF PAVEMENT.
  - THE COLOR OF THE DETECTABLE WARNING MAT SHALL BE EITHER BRICK RED OR SAFETY YELLOW.



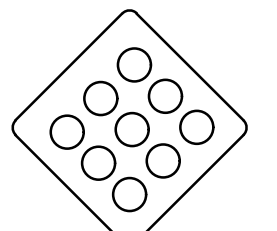
SCALE: N.T.S.

LAKE COUNTY DEPARTMENT OF PUBLIC WORKS	DESIGNED: ELL	CHECKED: ELL	DATE: SEP 2016
ENGINEERING DIVISION	DRAWN: ELL	CHECKED: ELL	DATE: JAN 2016
	APPROVED: WJW	CHECKED: WJW	DATE: SEP 2016

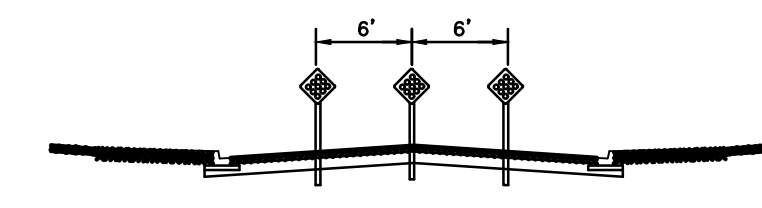
LAKE COUNTY DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
350 N. BINCULAR AVE., WEAVER, FLORIDA 32778

SIDEWALK RAMP APPROACHES  
CAST-IN-PLACE (WET SET)  
DETECTABLE WARNING MATS

01 of 03



NINE 3" RED REFLECTORS MOUNTED SYMMETRICALLY ON A 18" DIAMOND REFLECTORIZED RED PANEL



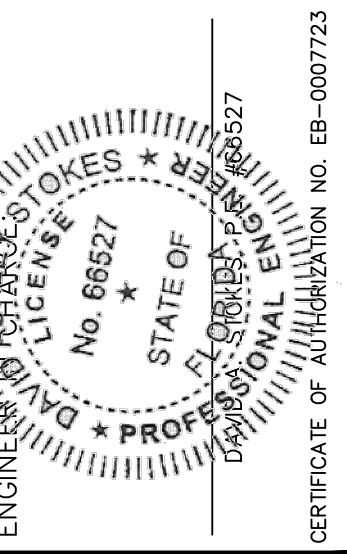
328 END OF ROADWAY MARKERS  
N.T.S.



431 E. Horatio Avenue  
Suite 260  
Maitland, Florida 32751  
(407) 629-8330

CONSTRUCTION DETAILS  
FOR  
**EDGE MONT**  
LAKE COUNTY  
FLORIDA

DR HORTON, INC.  
6200 LEE VISTA BLVD., SUITE 400  
ORLANDO, FLORIDA 32822  
(407) 246-9834



NO.	DATE	REVISIONS
1	12/09/20	REVISED PER LAKE COUNTY COMMENTS
2	07/15/20	REVISED PER SWM COMMENTS
3	05/05/21	REVISED PER LAKE COUNTY COMMENTS
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 19058  
DATE: 06/24/2020  
SCALE: NTS  
DESIGNED BY: TTB  
DRAWN BY: TTB  
APPROVED BY: DAS

C903