

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 21, 2025

Scott Eddings, P.E.
Huitt-Zollars, Inc.
333 Rio Rancho Blvd., Suite 101
Rio Rancho, NM 87124

RE: Montage 5
Engineer's Certification Date: 2/18/25
Engineer's Stamp Date: 10/13/23
Hydrology File: R16D006C
Case # HYDR-2025-00044

Dear Mr. Eddings:

PO Box 1293

Albuquerque

NM 87103

www.cabq.gov

Based upon the information provided in your submittal received 2/18/2025, the Grading and Drainage Plan is approved for Building Permit and Building Pad Certification for the Montage 5 subdivision.

Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PRIOR TO CERTIFICATE OF OCCUPANCY:

1. Engineer's Certification, per the DPM Part 6-14 (G): Engineer's Certification Checklist for Subdivision and Part 6-14 (H): Required Certification Language is required.
2. Please provide the Drainage Covenant with Exhibit A for the stormwater quality ponds per Article 6-15(C) of the DPM prior to Permanent Release of Occupancy. Please submit the original copies along with the **\$ 25.00** recording fee check made payable to Bernalillo County to the Hydrology Section of Development Review Services on the Ground floor of Plaza de Sol.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony Montoya".

Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: _____ Hydrology File # _____

Legal Description: _____

City Address, UPC, OR Parcel: _____

Applicant/Agent: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

Applicant/Owner: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

(Please note that a DFT SITE is one that needs Site Plan Approval & ADMIN SITE is one that does not need it.)

TYPE OF DEVELOPMENT: PLAT (#of lots) _____ RESIDENCE
DFT SITE ADMIN SITE

RE-SUBMITTAL: YES NO

DEPARTMENT: TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

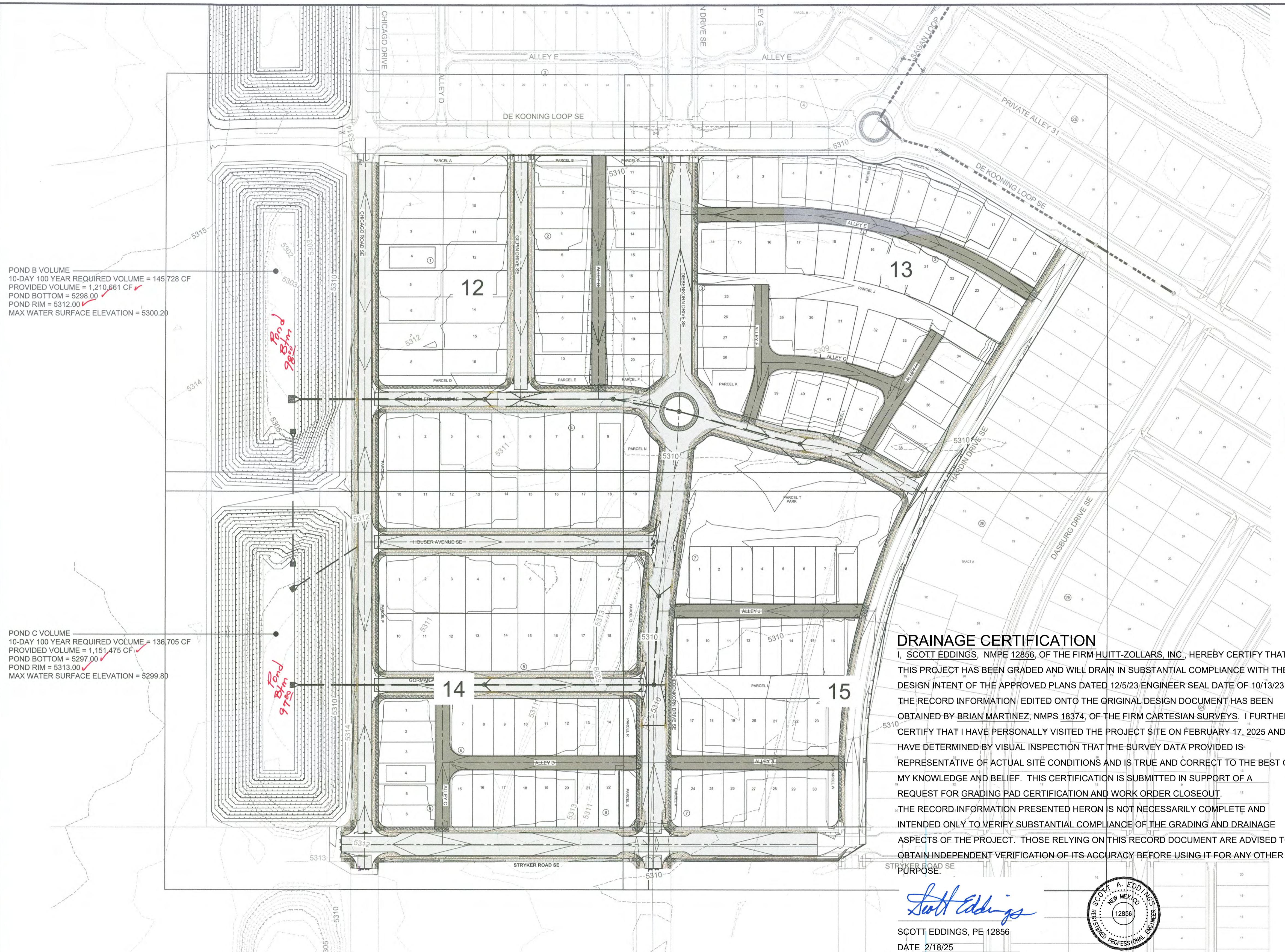
TYPE OF SUBMITTAL:

ENGINEER/ARCHITECT CERTIFICATION
PAD CERTIFICATION
CONCEPTUAL G&D PLAN
GRADING & DRAINAGE PLAN
DRAINAGE REPORT
DRAINAGE MASTER PLAN
CLOMR/LOMR
TRAFFIC CIRCULATION LAYOUT (TCL)
ADMINISTRATIVE
TRAFFIC CIRCULATION LAYOUT FOR DFT
APPROVAL
TRAFFIC IMPACT STUDY (TIS)
STREET LIGHT LAYOUT
OTHER (SPECIFY) _____

TYPE OF APPROVAL SOUGHT:

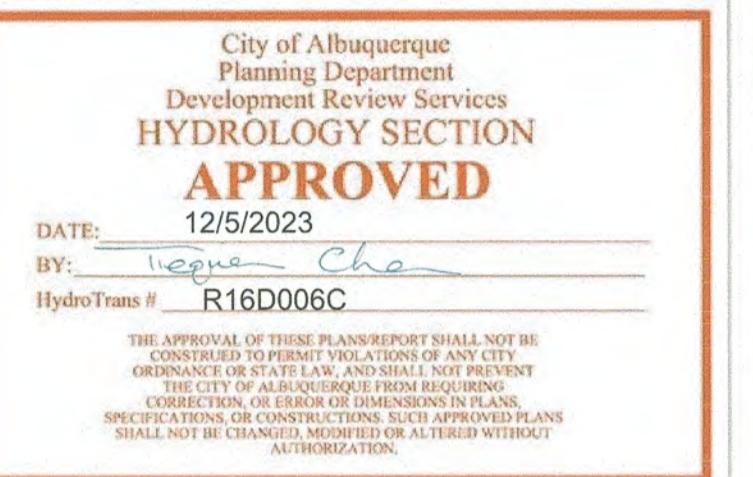
BUILDING PERMIT APPROVAL
CERTIFICATE OF OCCUPANCY
CONCEPTUAL TCL DFT APPROVAL
PRELIMINARY PLAT APPROVAL
FINAL PLAT APPROVAL
SITE PLAN FOR BLDG PERMIT DFT
APPROVAL
SIA/RELEASE OF FINANCIAL GUARANTEE
FOUNDATION PERMIT APPROVAL
GRADING PERMIT APPROVAL
SO-19 APPROVAL
PAVING PERMIT APPROVAL
GRADING PAD CERTIFICATION
WORK ORDER APPROVAL
CLOMR/LOMR
OTHER (SPECIFY) _____

DATE SUBMITTED: _____



GENERAL NOTES

- | | AS BUILT INFORMATION | CONTRACTOR | WORK |
|----------|--|------------|------|
| CH MARKS | | | |
| 1. | ALL DISTURBED COMMERCIAL LOTS AND NON-RESIDENTIAL LOTS AREAS NOT PROPOSED TO BE IMPROVED SHALL BE STRAW CRIMPED W/ NATIVE SEEDING PER COA SPECIFICATION 1011 & 1012. | | |
| 2. | SEE PLAT FOR LOT DIMENSIONS. | | |
| 3. | SEE DETAIL 16 FOR TYPICAL LOT GRADING. | | |
| 4. | SUBDIVISION WILL NOT HAVE A PERIMETER WALL. INDIVIDUAL LOTS WILL HAVE GARDEN WALLS TO BE PERMITTED WITH HOME CONSTRUCTION. | | |
| 5. | EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT. | | |
| 6. | THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION PROJECT. | | |
| 7. | CONTRACTOR SHALL OBTAIN PERMISSION TO GRADE ON PRIVATE PROPERTY. CITY SHALL NOT BE RESPONSIBLE FOR CONTRACTOR TRESPASSING ON PRIVATE PROPERTY | | |

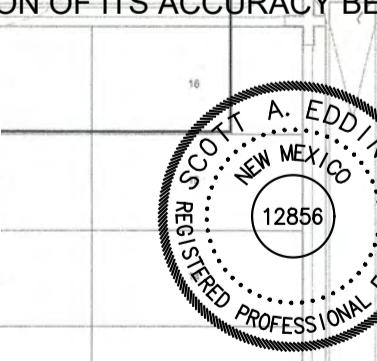


PROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE
O (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO
ILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.



TITLE: SC DEVELOPMENT

OVERALL GRADING PLAN



SCOTT EDDINGS, PE 12856
DATE 2/18/25



**HUITT
ZOLLARS**

MONTAGE UNIT 5

SC³ DEVELOPMENT

TITLE:

OVERALL GRADING PLAN

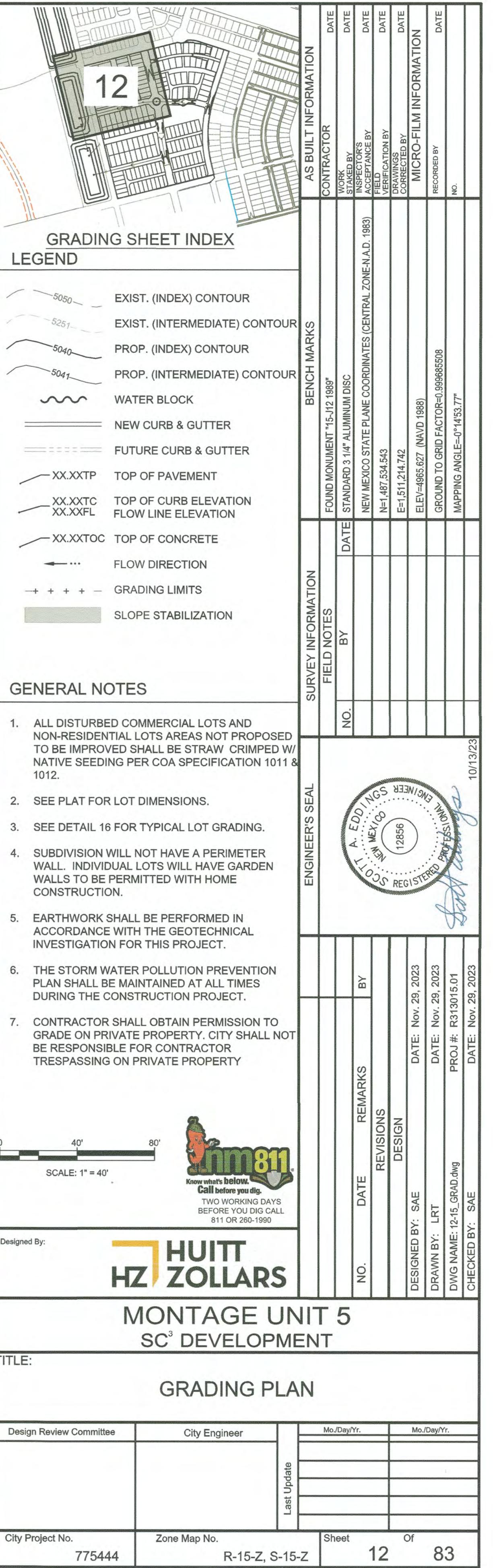
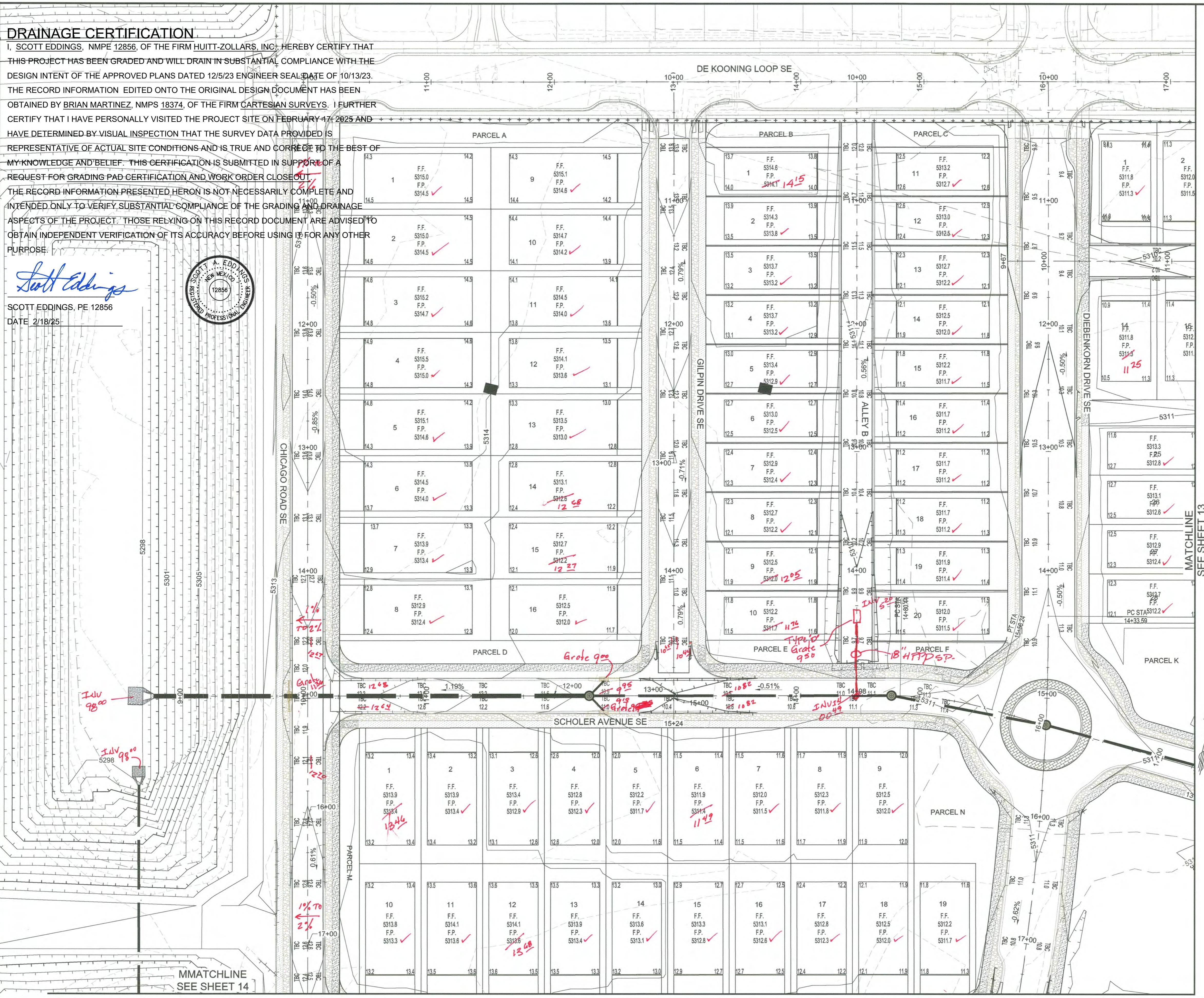
Design Review Committee	City Engineer	Last Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.		Zone Map No.	Sheet	Of
775444		R-15-Z, S-15-Z	11	83

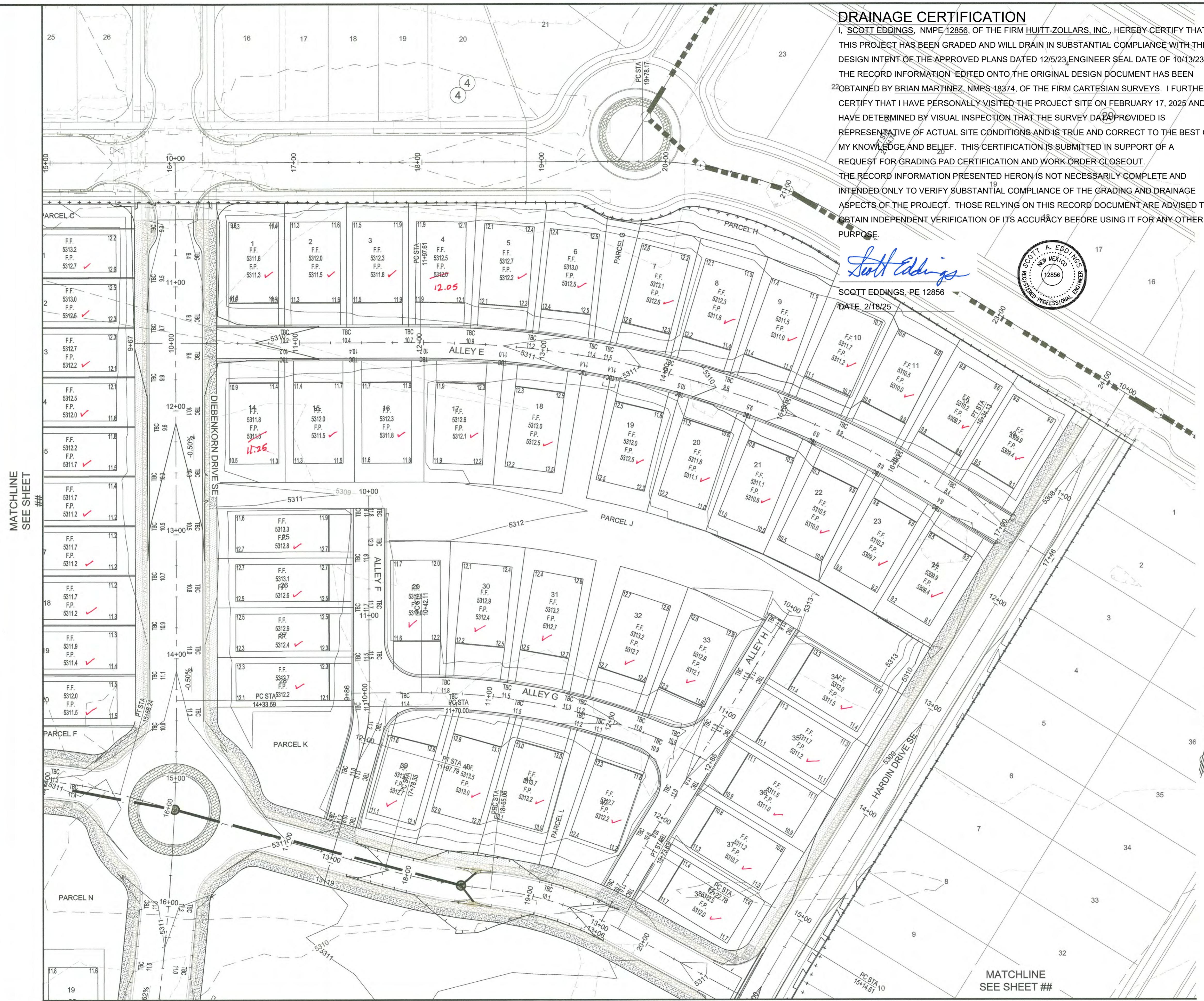
DRAINAGE CERTIFICATION

I, SCOTT EDDINGS, NMPE 12856, OF THE FIRM HUITT-ZOLLARS, INC., HEREBY CERTIFY
THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH THE
DESIGN INTENT OF THE APPROVED PLANS DATED 12/5/23 ENGINEER SEAL DATE OF 10/13/23
THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN
OBTAINED BY BRIAN MARTINEZ, NMPS 18374, OF THE FIRM CARTESIAN SURVEYS. I FURTHER
CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON FEBRUARY 17, 2025 AND
HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS
REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST
MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A
REQUEST FOR GRADING PAD CERTIFICATION AND WORK ORDER CLOSEOUT.

DATE 2/18/25

DATE

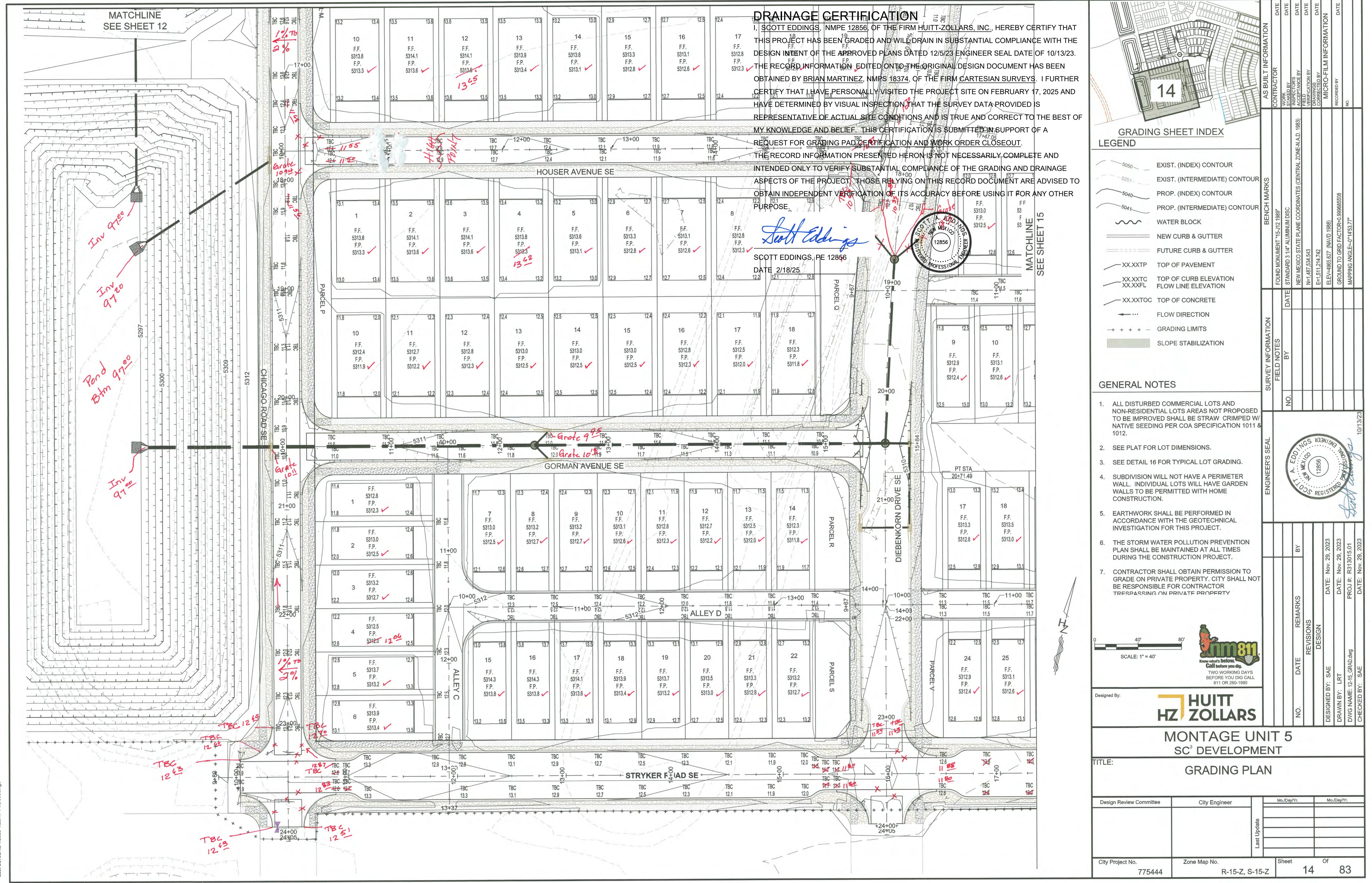




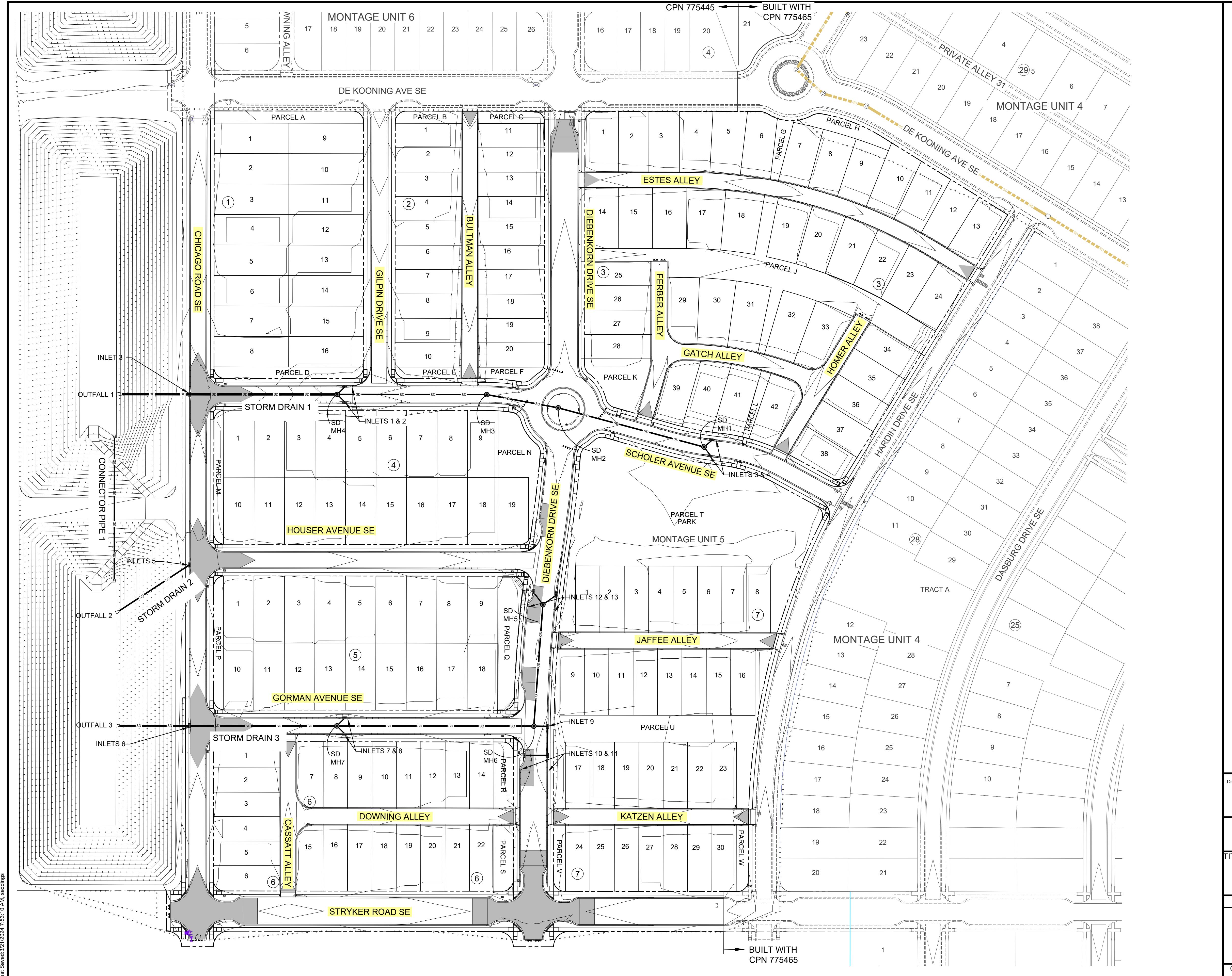
AS BUILT INFORMATION		BENCH MARKS	
CONTRACTOR	DATE	INSPECTOR	DATE
SCOTT A. EDDINGS	10/13/23	FIELD CHECK BY	DATE
12856		DRAWINGS BY	DATE
		ON CONSTRUCTION	DATE
		MICRO-FILM INFORMATION	DATE
		RECORDED BY	DATE
		NO.	

GRADING SHEET INDEX		LEGEND	
NO.	BY	DATE	
5050	EXIST. (INDEX) CONTOUR	FOUND MONUMENT 15-J12 1988*	
5251	EXIST. (INTERMEDIATE) CONTOUR	STANDARD 3 1/4 ALUMINUM DESC	
5040	PROP. (INDEX) CONTOUR	NM NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE NAD 1983)	
5041	PROP. (INTERMEDIATE) CONTOUR	NET-1487 534.543	
wavy line	WATER BLOCK	NET-1511 241.742	
solid line	NEW CURB & GUTTER	ELEV=485.627 (NAVD 1988)	
dashed line	FUTURE CURB & GUTTER	GROUND TO GRID FACTOR=0.909685508	
XX.XXTP	TOP OF PAVEMENT	MAPPING ANGLE=0145.377	
XX.XXTC	TOP OF CURB ELEVATION		
XX.XXFL	FLOW LINE ELEVATION		
XX.XXOC	TOP OF CONCRETE		
arrow	FLOW DIRECTION		
+++	GRADING LIMITS		
grey area	SLOPE STABILIZATION		

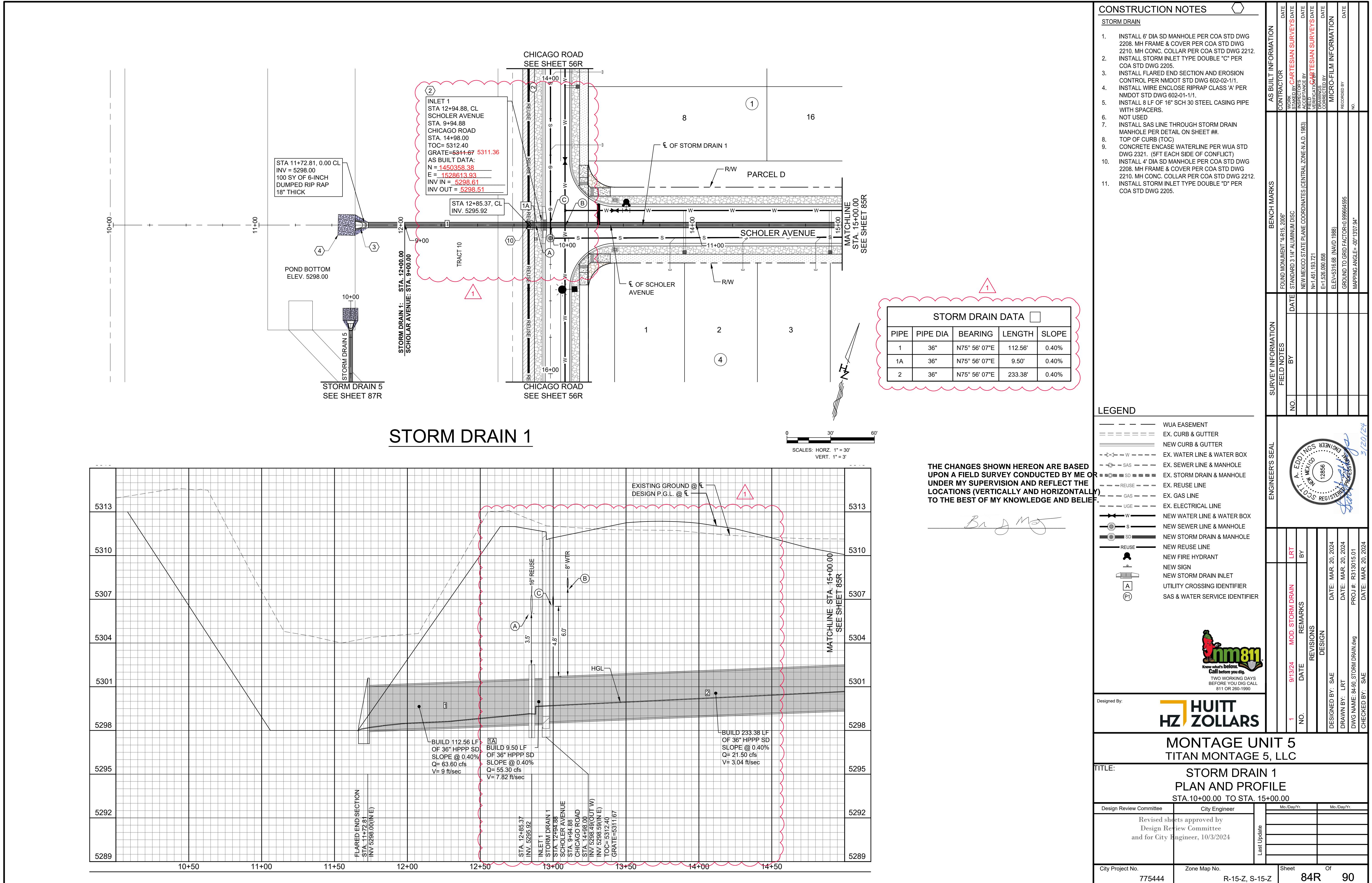
SURVEY INFORMATION		FIELD NOTES	
NO.	BY	DATE	
1	SCOTT A. EDDINGS	10/13/23	
2	12856		
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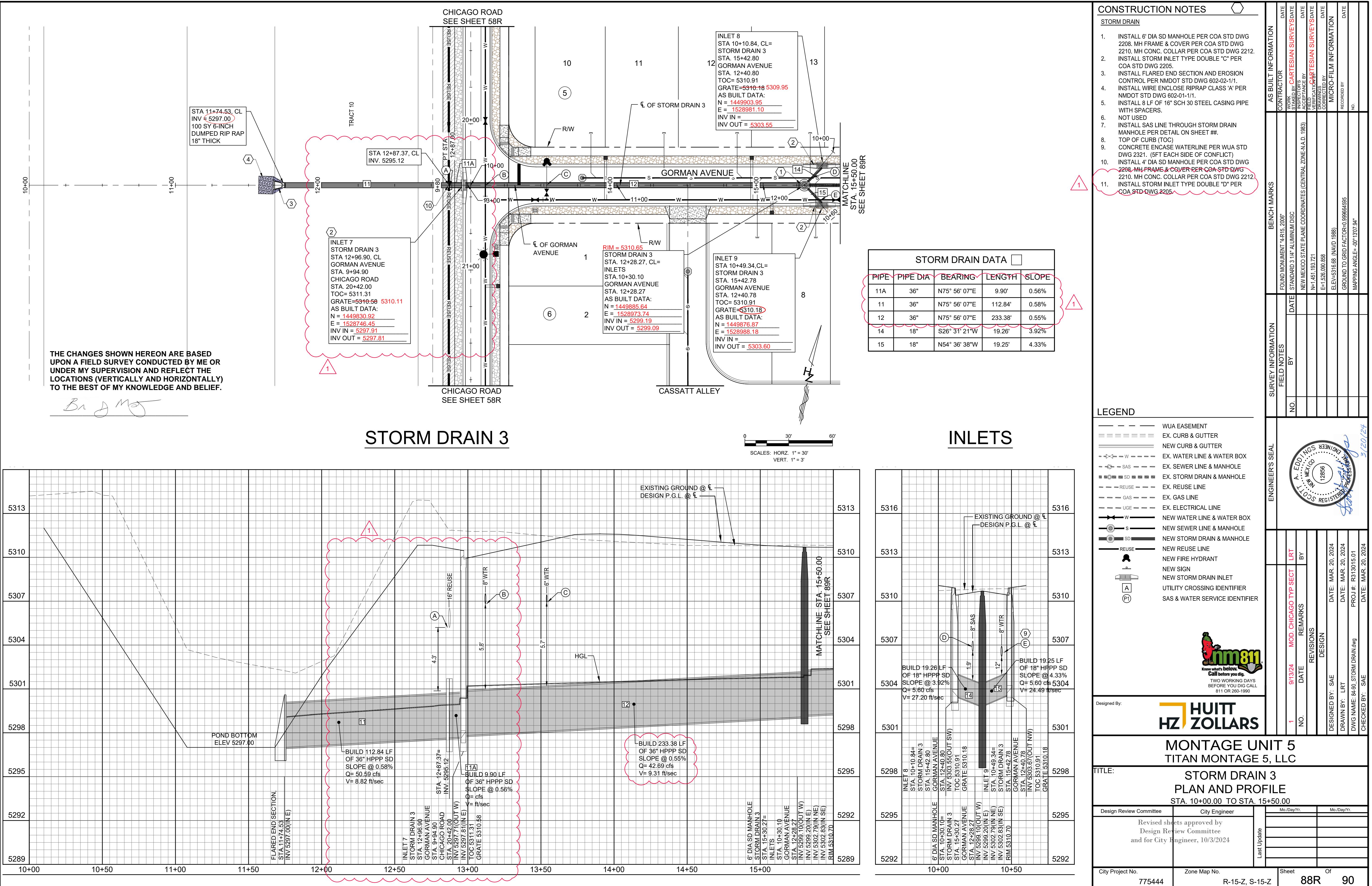
RECORD DRAWINGS



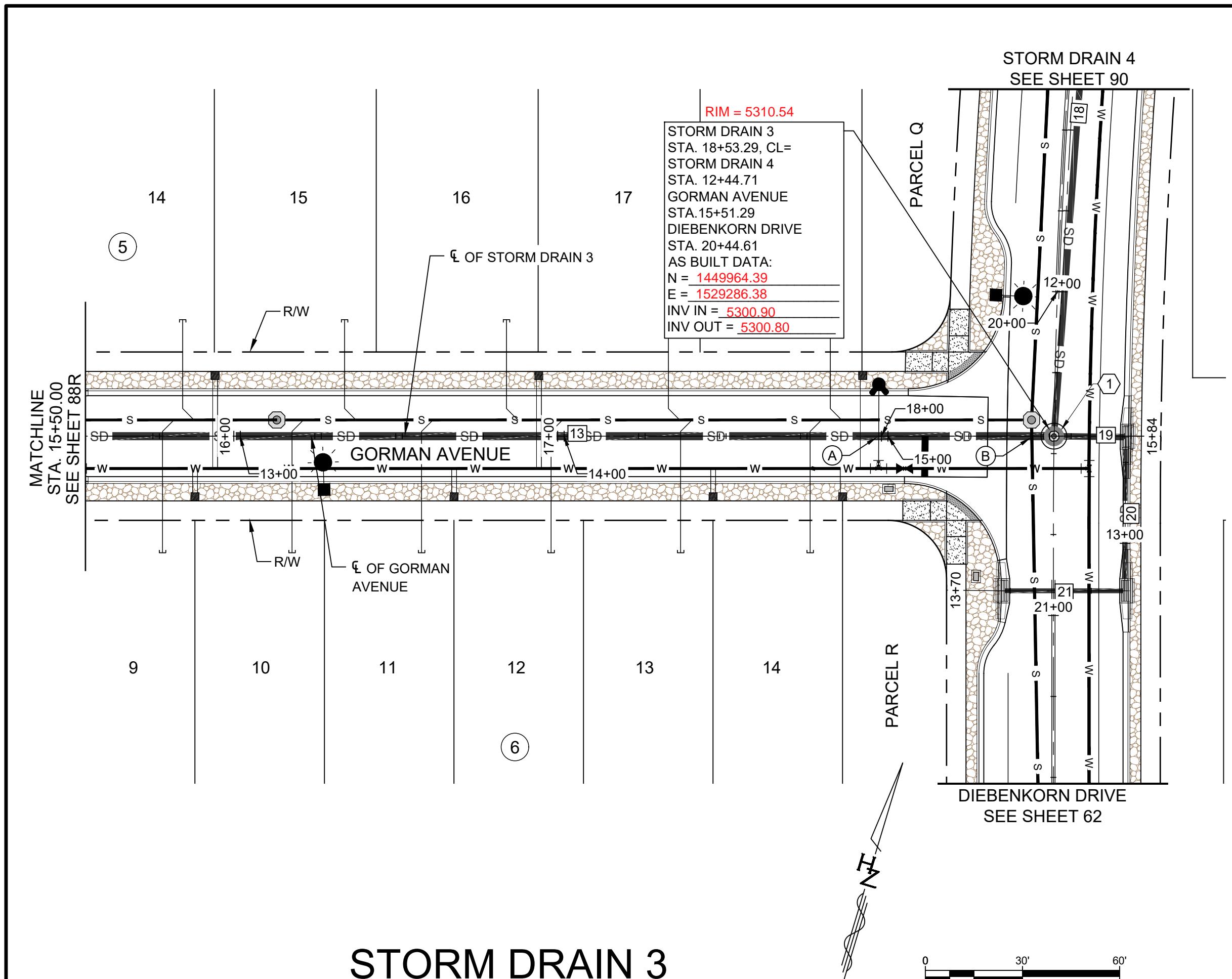
RECORD DRAWINGS



RECORD DRAWINGS



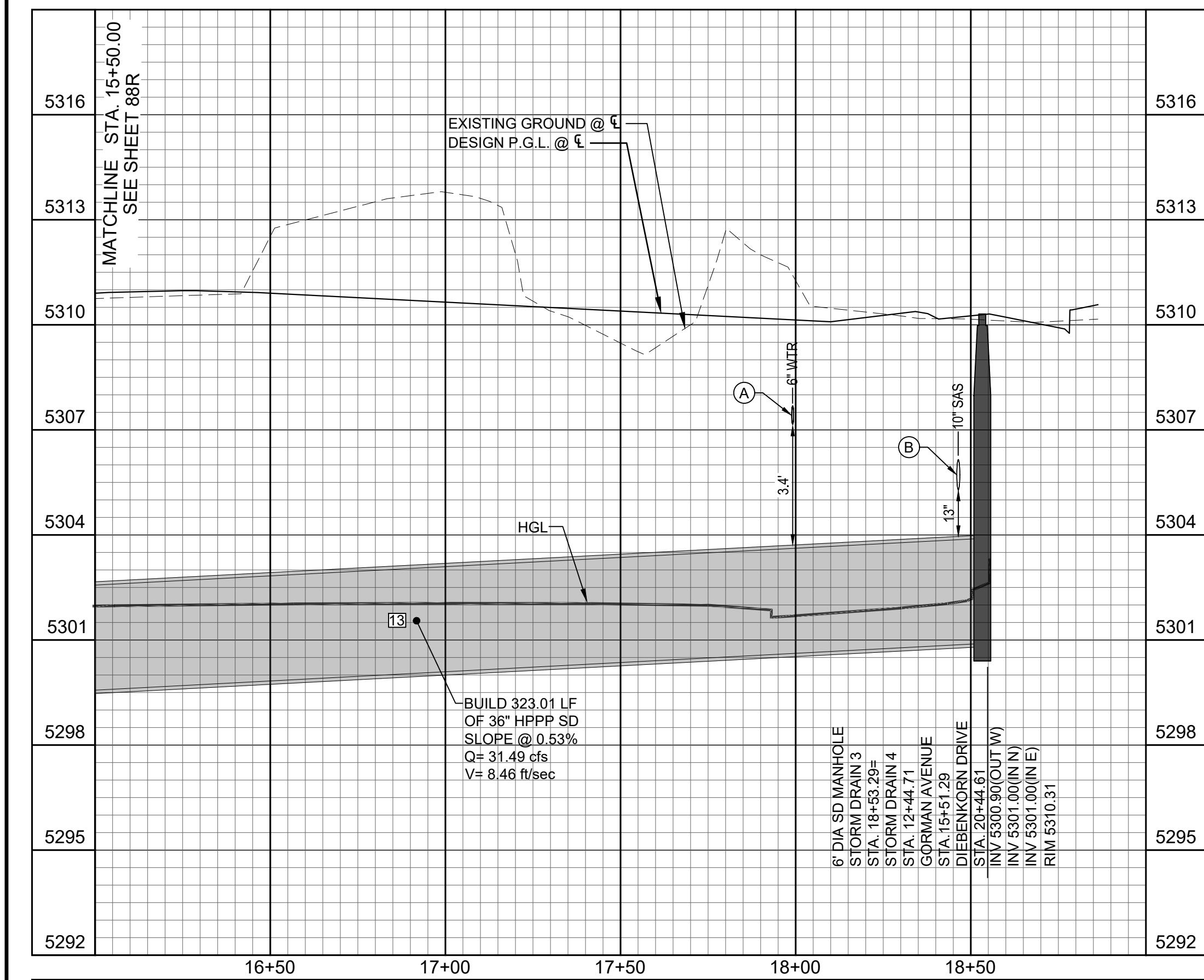
RECORD DRAWINGS



STORM DRAIN 3

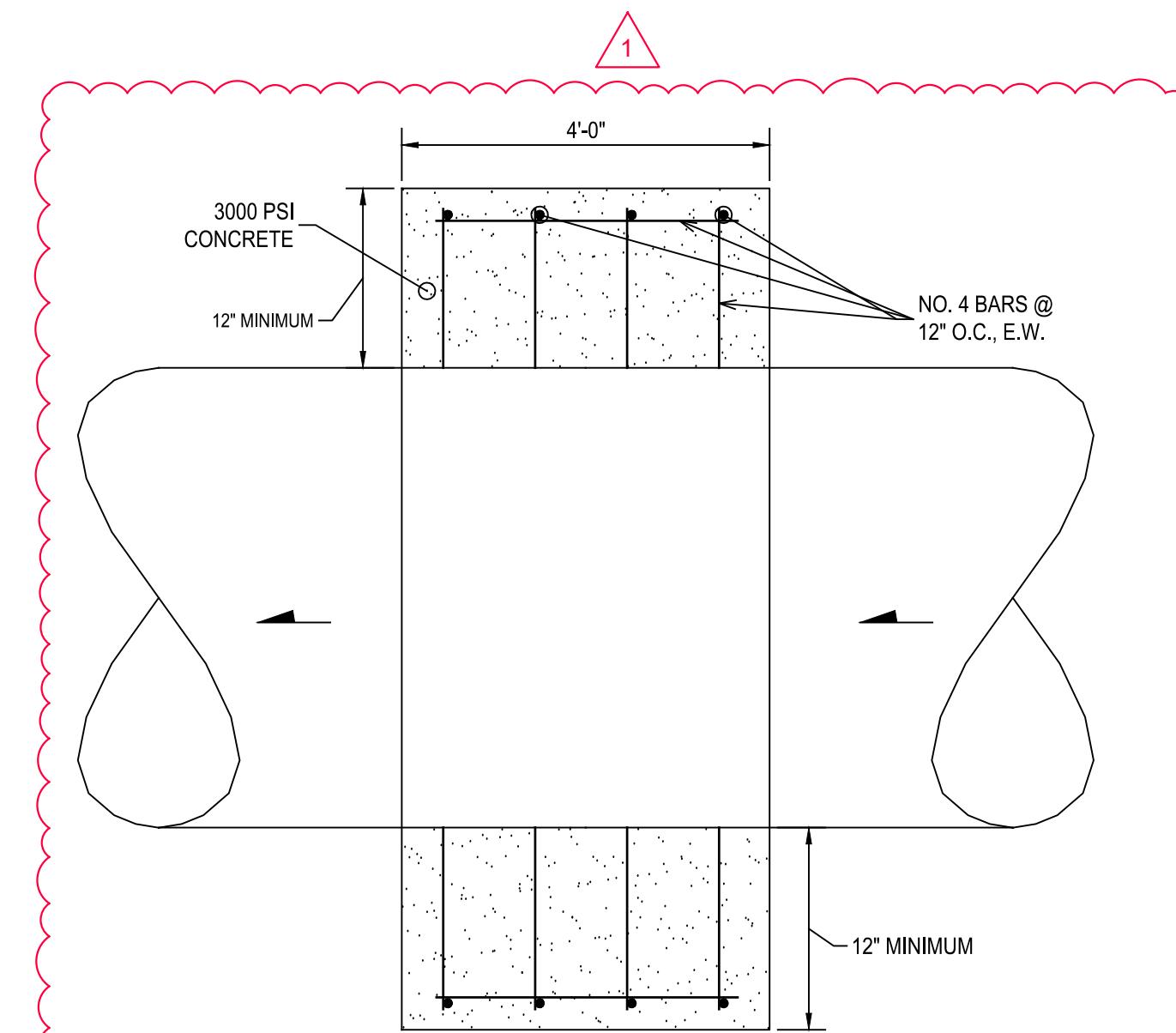
**THE CHANGES SHOWN HEREON ARE BASED
UPON A FIELD SURVEY CONDUCTED BY ME OR
UNDER MY SUPERVISION AND REFLECT THE
LOCATIONS (VERTICALLY AND HORIZONTALLY)
TO THE BEST OF MY KNOWLEDGE AND BELIEF.**

Bn A Mo

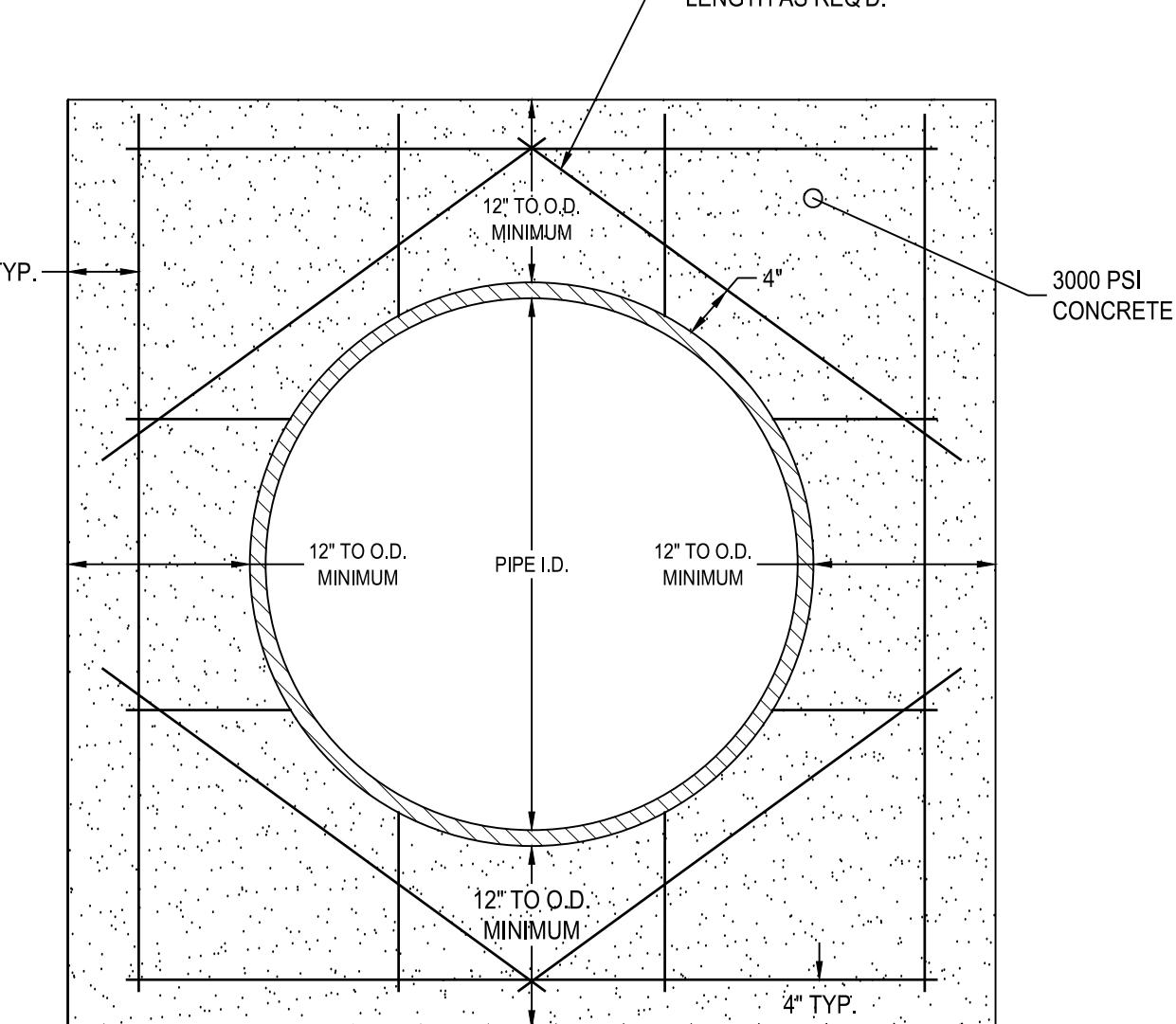


CONCRETE COLLAR CONNECTION

N.T.S.



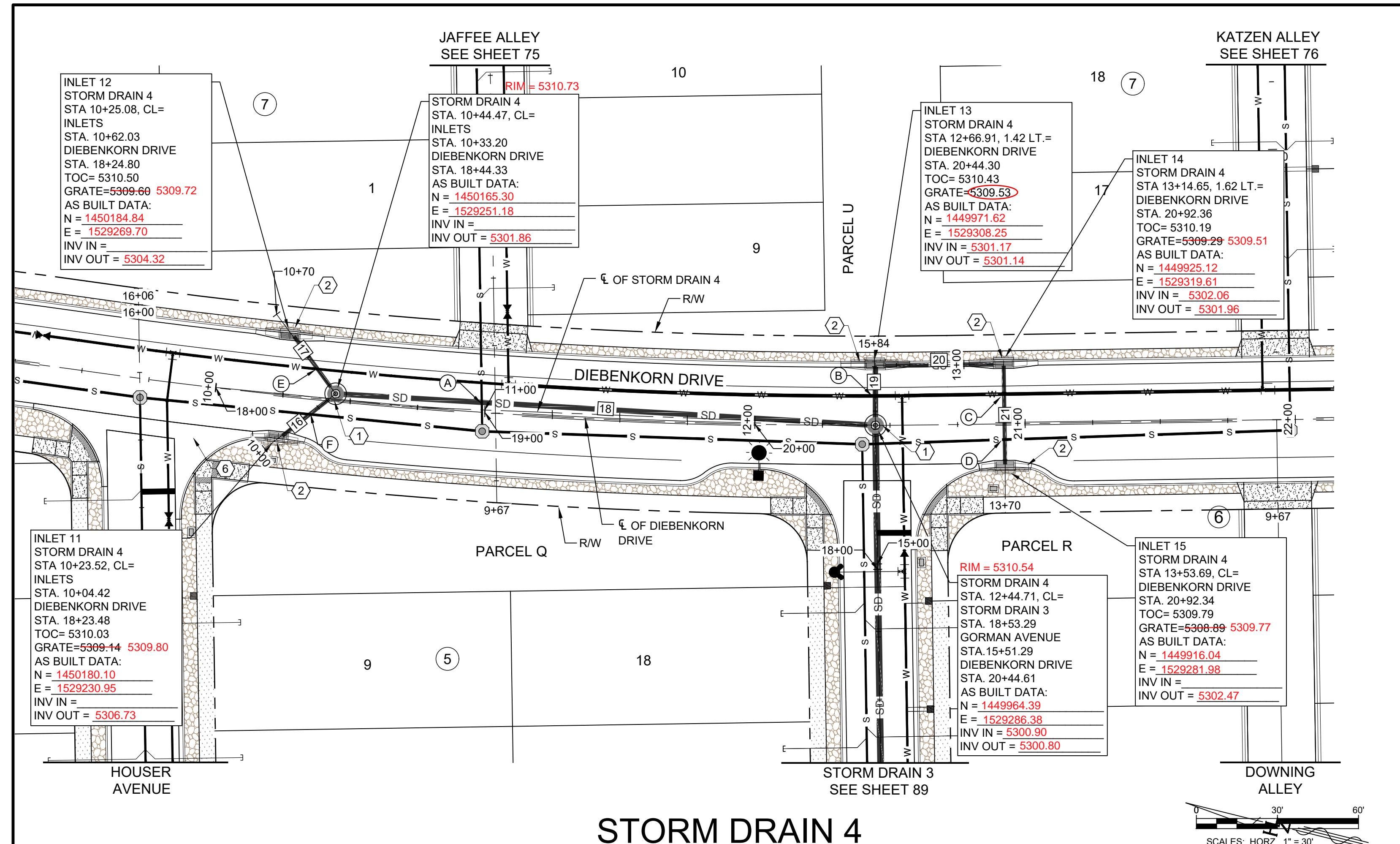
PLAN VIEW



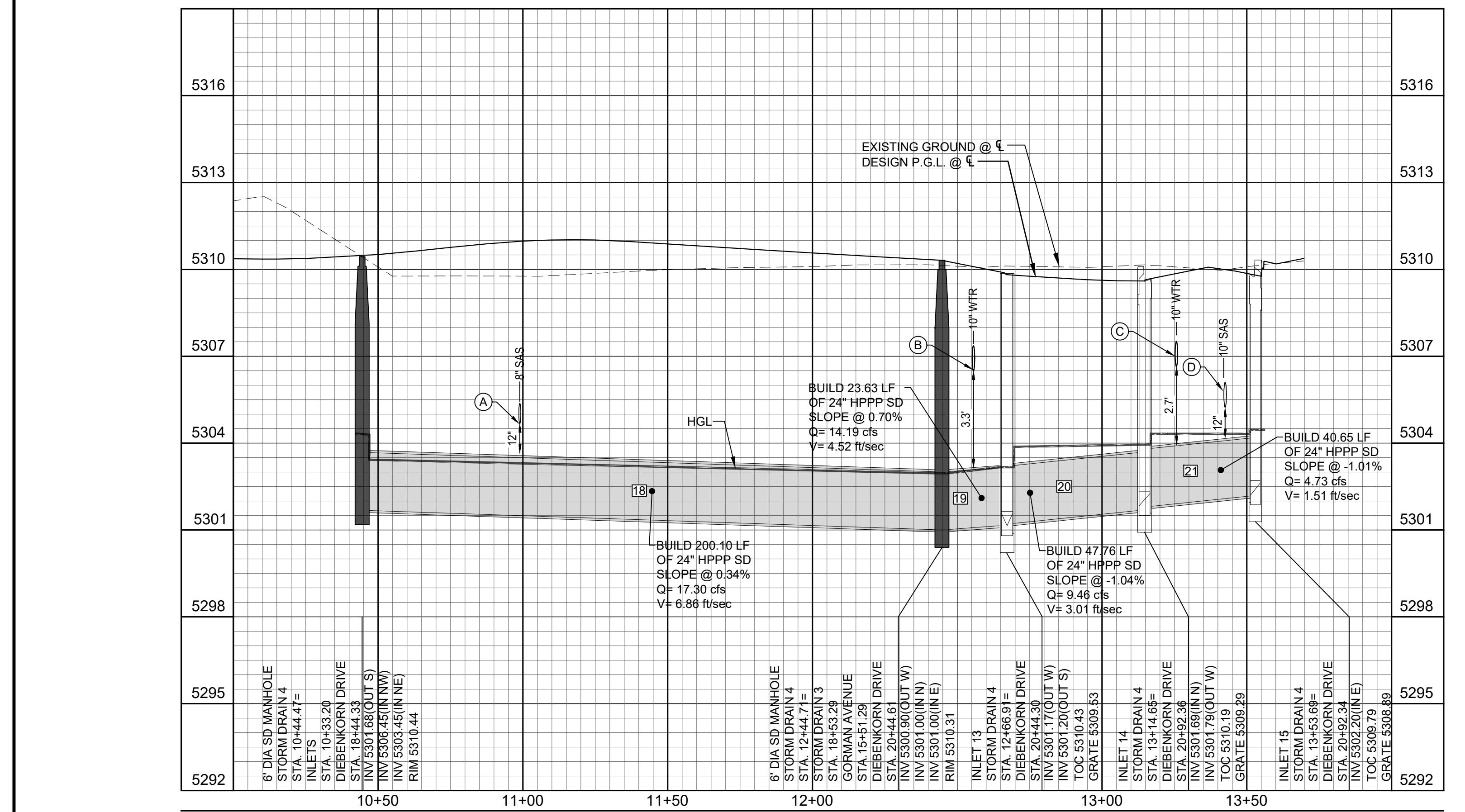
CONCRETE COLLAR CONNECTION

N.T.S.

RECORD DRAWINGS



STORM DRAIN 4



SD INLETS

STORM DRAIN DATA				
PIPE	PIPE DIA	BEARING	LENGTH	SLOPE
16	18"	S50° 52' 01"E	28.79'	0.70%
17	18"	N40° 10' 33"E	28.83'	1.74%
18	24"	S09° 51' 06"E	200.10'	0.34%
19	24"	N75° 56' 07"E	23.63'	0.70%
20	24"	S13° 51' 11"E	47.76'	-1.04%
21	24"	S75° 57' 58"W	40.65'	-1.01%

CONSTRUCTION NOTES

ORM DRAIN

- INSTALL 6' DIA SD MANHOLE PER COA STD DWG 2208. MH FRAME & COVER PER COA STD DWG 2210. MH CONC. COLLAR PER COA STD DWG 2212.

INSTALL STORM INLET TYPE DOUBLE "C" PER COA STD DWG 2205.

INSTALL FLARED END SECTION AND EROSION CONTROL PER NMDOT STD DWG 602-02-1/1.

INSTALL WIRE ENCLOSURE RIPRAP CLASS 'A' PER NMDOT STD DWG 602-01-1/1.

INSTALL 8 LF OF 16" SCH 30 STEEL CASING PIPE WITH SPACERS.

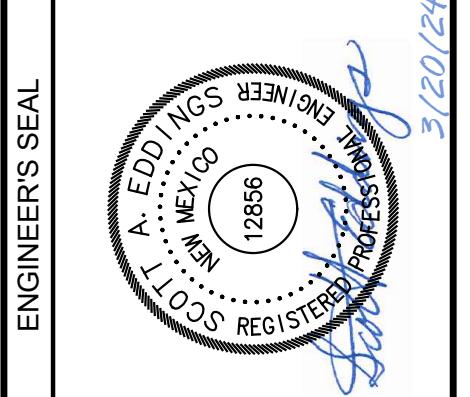
NOT USED

INSTALL SAS LINE THROUGH STORM DRAIN MANHOLE PER DETAIL ON SHEET ##.

TOP OF CURB (TOC)

SURVEY INFORMATION				BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES							
NO.	BY	DATE	FOUND MONUMENT "4-R15, 2006"			CONTRACTOR COMPASS - 2/13/25	
			STANDARD 3 1/4" ALUMINUM DISC	WORK STAKED BY	CARTESIAN SURVEYS	DATE	
			NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983)	INSPECTOR'S ACCEPTANCE BY			
			N=1,451,193.721	FIELD VERIFICATION BY	CARTESIAN SURVEYS	DATE	
			E=1,526,090.858	DRAWINGS CORRECTED BY			
			ELEV=5316.68 (NAVD 1988)	MICRO-FILM INFORMATION			
			GROUND TO GRID FACTOR=0.999664595	RECORDED BY		DATE	
			MAPPING ANGLE= -00°13'07.94"	NO.			

GEND



MONTAGE UNIT 5
N MONTAGE 5, LLC

MONTAGE UNIT 5 N MONTAGE 5, LLC

STORM DRAIN 4 PLAN AND PROFILE

EXISTING GROUND @ F
DESIGN P.G.L. @ F

BUILD 28.79 LF
OF 18" HPPP SD
SLOPE @ 0.70%
Q= 8.65 cfs
V= 20.87 ft/sec

BUILD 28.83 LF
OF 18" HPPP SD
SLOPE @ 1.74%
Q= 8.65 cfs
V= 15.93 ft/sec

INLET 11
STA 10+04.42
STORM DRAIN 4
STA 10+23.52
DIEBENKORN DRIVE
STA 18+23.48
INV 5306.65(OUT SE)

6'DIA SD MANHOLE
STA 10+33.20= STORM DRAIN 4
STA. 10+44.47 DIEBENKORN DRIVE
STA. 18+44.33 INV 5301.68(OUT S)
INV 5306.45(IN NW)
INV 5303.45(IN NE)
RIM 5310.44

INLET 12
STA. 10+62.03= STORM DRAIN 4
STA. 10+25.08 DIEBENKORN DRIVE
STA. 18+24.80 INV 5303.95(OUT SW)
TOC 5310.50 GRATE 5309.60

10" WTR
18"
12"
10" SAS
16"

10+00 10+50