

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

McKNIGHT AVENUE STORM DRAIN IMPROVEMENTS DESIGN

CITY OF ALBUQUERQUE PROJECT NO. 5832.91

NOVEMBER 30, 2018

APPROVAL OF RECORD DRAWINGS

ABCWUA ENGINEER

DATE



Shts. 4, 5 & 6



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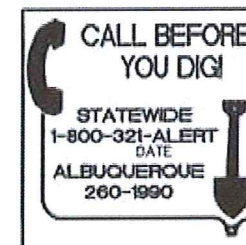
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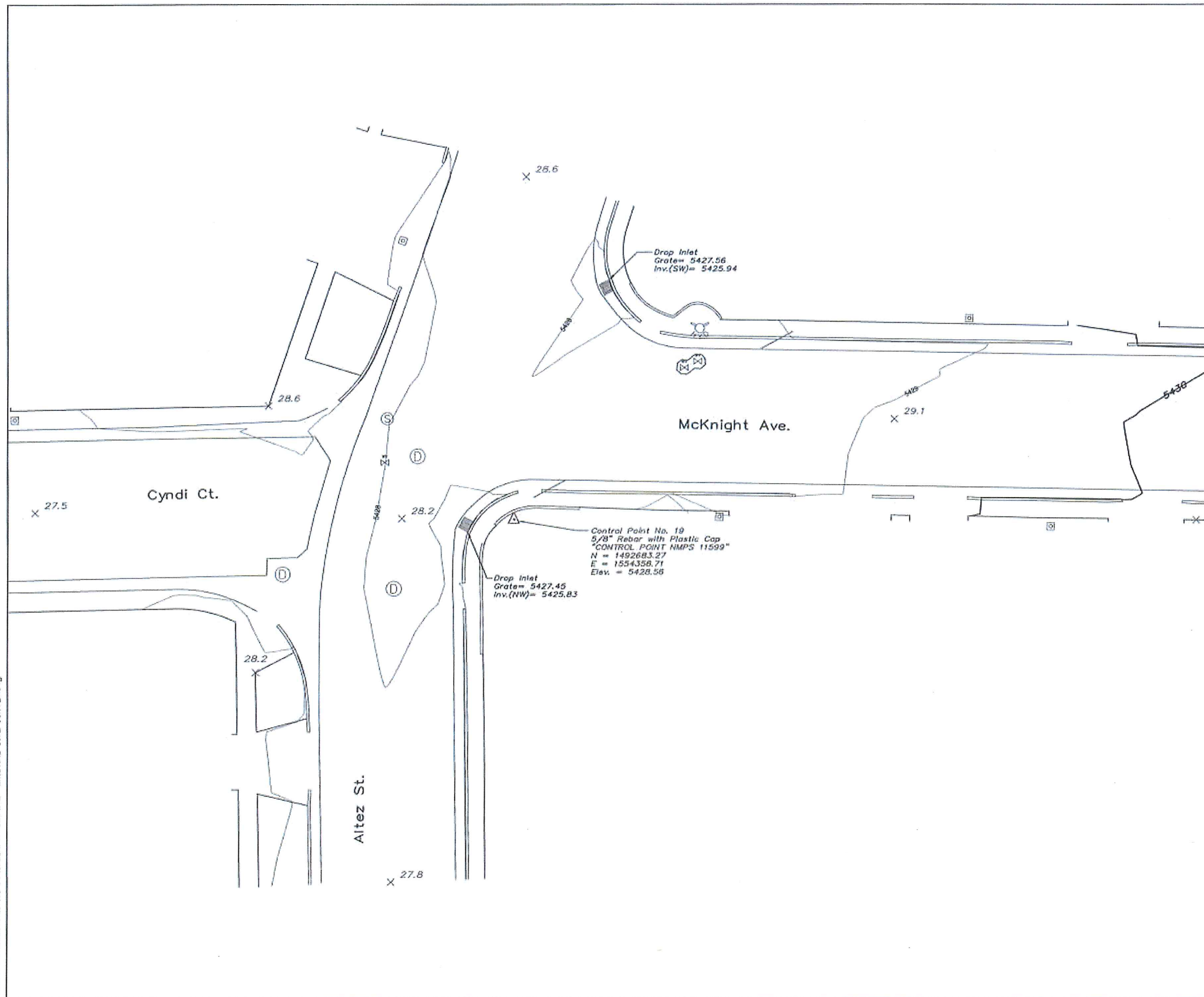
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Albuquerque, New Mexico 87109
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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRG. Chairman					
		Transportation					
		Water/Wastewater					
		Hydrology					
		C.E.P.					
		Contract Mgmt.			CITY ENGINEER DATE		
		Contract Coord.					
City Project No.		Zone Map No.	Drawing No.	Sheet	Of		
5832.91		J-20		1	6		

D:\SEC\PROJECTS\117106-06\CAD\DWG\PLANSET\1-2 EXISTING SITE SURVEY.dwg



LEGEND

- XX EXISTING FIRE HYDRANT
- W EXISTING WATER VALVE
- W EXISTING WATER METER
- W EXISTING STORM DRAIN MANHOLE
- W EXISTING SANITARY SEWER MANHOLE
- 5.52 EXISTING SPOT ELEVATION
- 30"--- EXISTING PVC SANITARY SEWER LINE
- 30"--- EXISTING CONCRETE STORM DRAIN LINE
- E--- EXISTING UNDERGROUND ELECTRIC LINE
- TV--- EXISTING UNDERGROUND CABLE TV LINE
- G--- EXISTING UNDERGROUND GAS LINE
- INDEX--- EXISTING CONTOUR (INDEX)

NOTE
Coordinates shown hereon are modified (surface) N.M. State Plane Coordinates, Central Zone - NAD 83 (NAD 83 2007), and were derived by scaling State Plane grid coordinates by the project average combined factor of 0.9999999999999999 around an origin of 0.0. Elevations are NAVD 88, and are adjusted to the C.O.A. Control Station "14-120" (published elevation = 5415.797'). The coordinates and elevations are expressed in U.S. Survey Feet.

AS BUILT INFORMATION

CONTRACTOR	DATE
SEE EXISTING SITE SURVEY, SHEET J.1	

BENCH MARKS

NO.	DATE	BY
180133	4/2018	Survey Tech, Inc.

ENGINEER'S SEAL

[Signature]
COURTNEY MCNEIL
12224
11-30-18

SURVEY INFORMATION

NO.	DATE	BY

REVISIONS

NO.	DATE	REVISIONS	BY

DESIGN

DESIGNED BY	DATE	SEC
GN	11-30-2018	

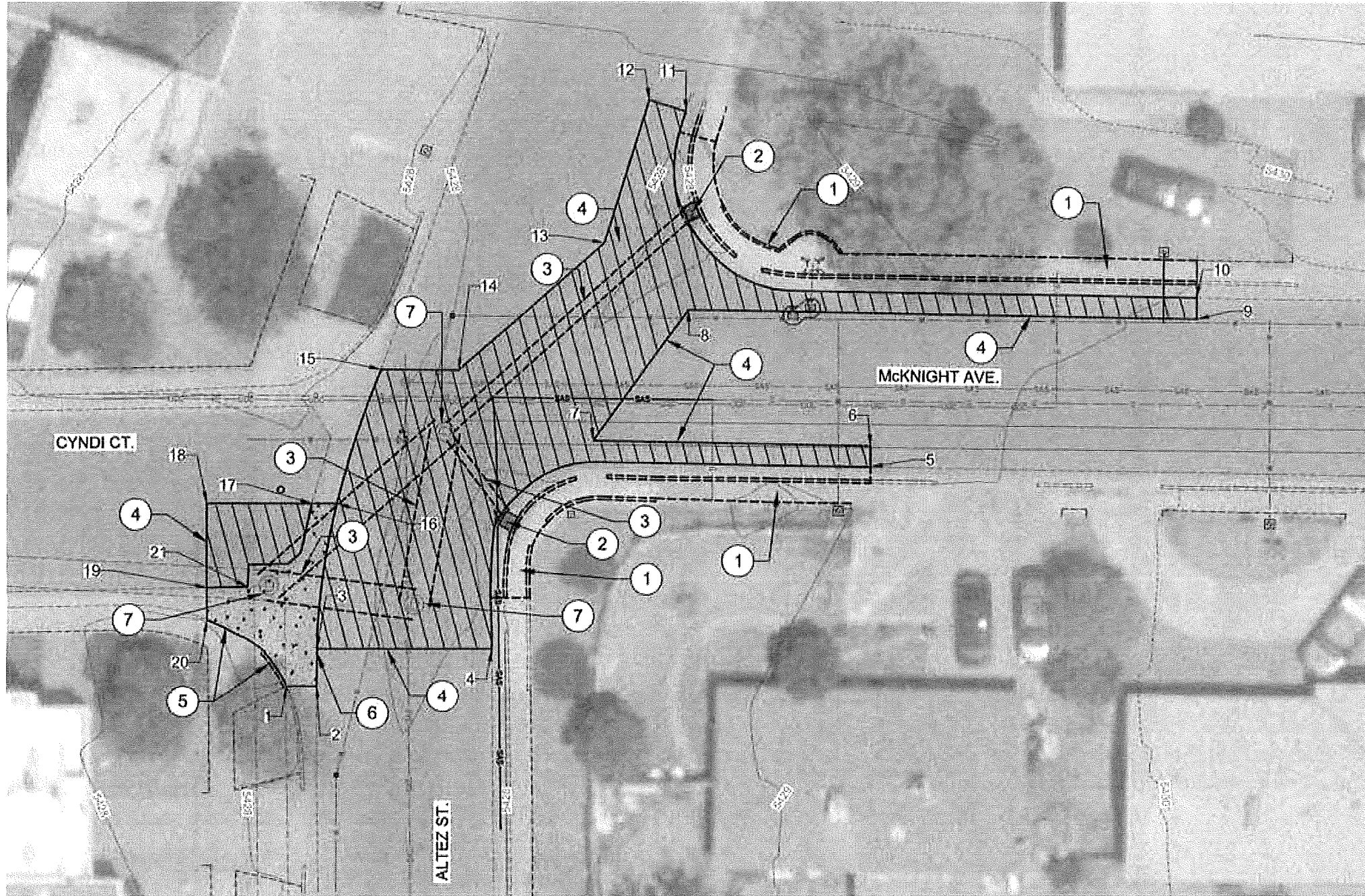
CHECKED BY

DATE	SEC
11-30-2018	GN

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: MCKNIGHT AVE. STORM DRAIN IMPROVEMENTS DESIGN
EXISTING SITE SURVEY

Design Review Committee	City Engineer Approval	City Project No.	Zone Map No.	Drawing No.	Sheet	Of
		5832.91	J-20		2	6



REMOVAL LIMITS POINT TABLE				
Point #	Description	Northing	Easting	Elevation
1	EC	1492555.00	1554313.47	5428.00
2	EC	1492655.00	1554318.29	5427.54
3	EC	1492661.78	1554318.28	5427.59
4	EP	1492661.78	1554349.18	5427.66
5	EP	1492660.81	1554409.42	5428.72
6	EP	1492694.18	1554409.42	5428.68
7	EP	1492695.03	1554362.22	5428.05
8	EP	1492715.90	1554377.38	5428.07
9	EP	1492714.47	1554438.38	5428.16
10	EP	1492717.58	1554458.39	5429.06
11	EP	1492747.56	1554378.91	5428.06

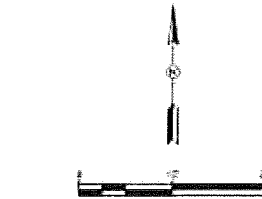
REMOVAL LIMITS POINT TABLE				
Point #	Description	Northing	Easting	Elevation
12	EP	1492749.37	1554371.17	5428.23
13	EP	1492728.56	1554363.67	5428.13
14	EP	1492708.24	1554340.78	5428.15
15	EP	1492706.37	1554328.48	5427.80
16	EC	1492684.97	1554321.41	5427.72
17	EC	1492684.07	1554317.43	5427.78
18	EP	1492684.07	1554300.67	5427.87
19	EC	1492671.54	1554300.74	5427.76
20	EC	1492665.39	1554300.77	5427.95
21	EC	1492671.00	1554307.23	5427.75

DEMOLITION KEYED NOTES

- 1 REMOVE, DISPOSE AND REPLACE EXISTING SIDEWALK AND ADA RAMP.
- 2 REMOVE AND DISPOSE EXISTING STORM DRAIN INLET
- 3 REMOVE AND DISPOSE EXISTING STORM DRAIN PIPE
- 4 REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT WITHIN LIMITS SHOWN. NEAT LINE SAWCUT WHERE REMOVAL LIMITS ABUT EXISTING ASPHALT PAVEMENT
- 5 REMOVE, DISPOSE AND REPLACE EXISTING CURB AND GUTTER. PROTECT IN PLACE EXISTING ADA RAMP
- 6 REMOVE, DISPOSE AND REPLACE EXISTING CONCRETE FILLET AND VALLEY GUTTER
- 7 REMOVE AND DISPOSE OF EXISTING STORM DRAIN MANHOLE

LEGEND

- LIMIT OF REMOVAL
- EXISTING STREET LIGHT
- EXISTING POWER POLE
- EXISTING ELECTRIC METER
- EXISTING ELECTRIC BOX
- EXISTING COMMUNICATION RISER
- EXISTING CABLE TV RISER
- EXISTING SIGN
- EXISTING TREE (DECIDUOUS)

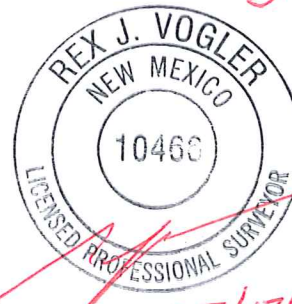


CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
TITLE: MCKNIGHT AVE. STORM DRAIN IMPROVEMENTS DESIGN	
SITE REMOVAL PLAN	
Design Review Committee	City Engineer Approval
City Project No. 5832.91	Zone Map No. J-20
Drawing No.	Sheet 3 of 6

④ Rim 5428.09 (New MH)

Inv	In	(S)	5424.80
Inv	Out	(W)	5418.97

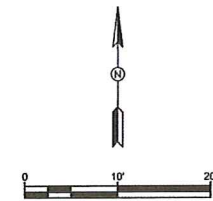
As Built by:



05/17/2019



FL	FLOWLINE
TG	TOP OF GRATE
TOC	TOP OF CONCRETE
TC	TOP OF CURB
N	NORTHING
E	EASTING
TA	TOP OF ASPHALT
PC	POINT OF CURVE
PT	POINT OF TANGENT
---	FLOWLINE



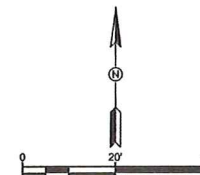
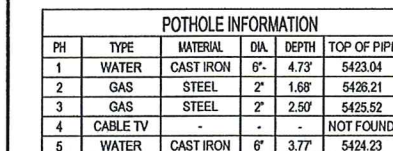
**SOLUTIONS FOR TODAY...
VISION FOR TOMORROW**

2201 San Pedro Dr. NE
Building 4, Suite 200
Albuquerque, NM 87119
Phone: (505) 864-0700
Fax: (505) 864-2378

NEW MEXICO

TEXAS

Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.	No. / Day / Yr.
City Project No. 5832.91	Zone Map No. J-20	Drawing No.	Sheet 4	Of 6



SEC JOB # 117106-06



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

TITLE: McKNIGHT AVE. STORM DRAIN IMPROVEMENTS DESIGN

STORM DRAIN PLAN & PROFILE STA. 10+00 TO 12+00

Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.	No. / Day / Yr.
City Project No. 5832.91	Zone Map No. J-20	Drawing No.	Sheet 5	Of 6

GENERAL NOTES:

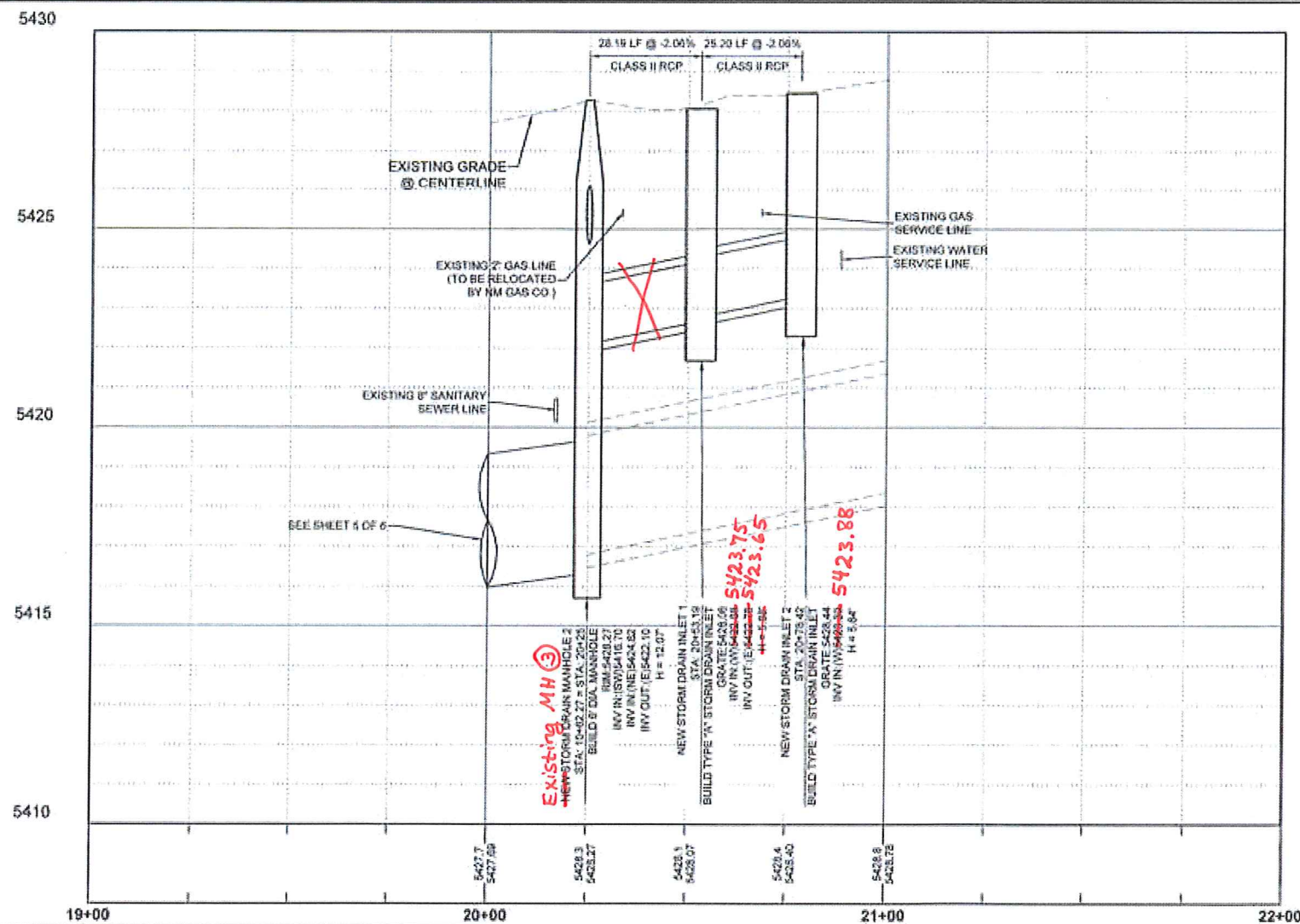
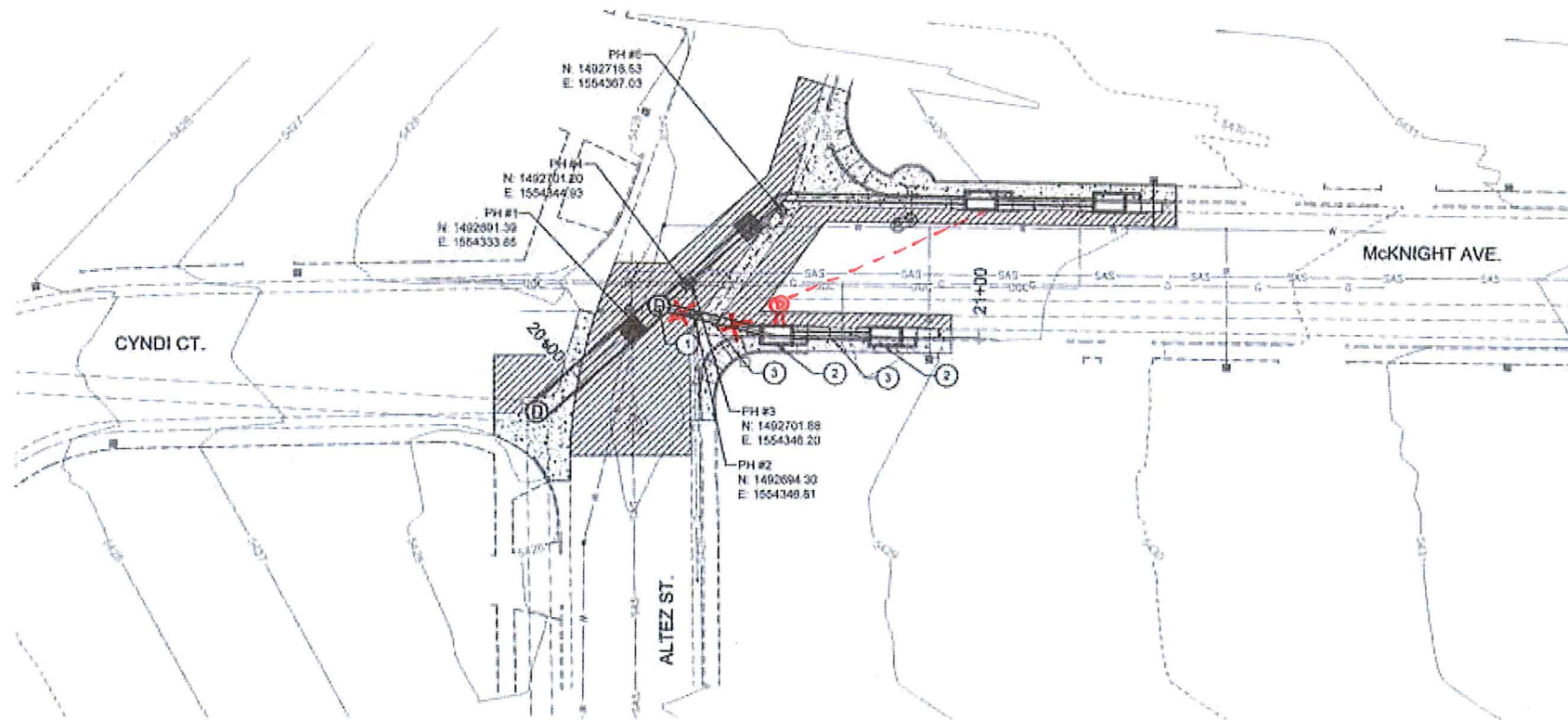
1. ALL CURB AND GUTTER, ADA RAMPS, SIDEWALK, AND DRIVEPADS DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. ALL ITEMS SHALL BE REPLACED TO MEET CURRENT ADA GUIDELINES TO THE MAXIMUM EXTENT PRACTICABLE.
2. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
3. ALL MANHOLE COORDINATES ARE TO CENTER OF MANHOLE LID. PIPE LENGTHS AND SLOPES SHOWN ARE BASED ON DISTANCE FROM MANHOLE CENTER TO MANHOLE CENTER.
4. PROVIDE TYPE 1 PIPE BEDDING FOR ALL NEW RCP INSTALLED.

KEYED NOTES:

- ① BUILD NEW 6' DIAMETER STORM DRAIN MANHOLE PER COA STANDARD DRAWING 2102.
- ② BUILD NEW STORM DRAIN INLET TYPE "A" PER COA STANDARD DRAWING 2201.
- ③ INSTALL 18" STORM DRAIN PIPE. SEE PROFILE FOR PIPE CLASS. PROVIDE TYPE 1 PIPE BEDDING.
- ④ INSTALL 34" x 53" ELLIPTICAL STORM-RAIN PIPE. PROVIDE TYPE 1 PIPE BEDDING.
- ⑤ PLACE A MINIMUM OF 5 LF OF LEAN FILL. BACKFILL TO SPRING LINE OF 18" RCP.
- ⑥ UNDERGROUND CABLE WAS SPOTTED, BUT NOT LOCATED BY HYDRO-EXCAVATION.
- ⑦ BUILD NEW 4' DIAMETER STORM DRAIN MANHOLE PER COA STANDARD DRAWING 2101.

[illegible]

D:\SEC\PROJECTS\11706-06\CAUD\PLAN\STORM DRAIN PLAN & PROFILE STA. 20+00 TO 21+00.dwg



GENERAL NOTES

1. ALL CURB AND GUTTER, ADA RAMPS, SIDEWALK, AND DRIVEPADS DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. ALL ITEMS SHALL BE REPLACED TO MEET CURRENT ADA GUIDELINES TO THE MAXIMUM EXTENT PRACTICABLE.
2. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
3. ALL MANHOLE COORDINATES ARE TO CENTER OF MANHOLE LID. PIPE LENGTHS AND SLOPES SHOWN ARE BASED ON DISTANCE FROM MANHOLE CENTER TO MANHOLE CENTER.
4. PROVIDE TYPE 1 PIPE BEDDING FOR ALL NEW RCP INSTALLED.

KEYED NOTES

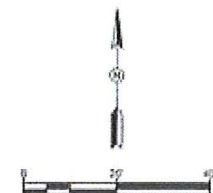
1. BUILD NEW 6\" DIAMETER STORM DRAIN MANHOLE PER COA STANDARD DRAWING 2101 OR 2102.
2. BUILD NEW STORM DRAIN INLET TYPE \"A\" PER COA STANDARD DRAWING 2201.
3. INSTALL 18\" STORM DRAIN PIPE. SEE PROFILE FOR PIPE CLASS. PROVIDE TYPE 1 PIPE BEDDING.

POTHOLE INFORMATION						
PH	TYPE	MATERIAL	DL	DEPTH	TOP OF PIPE	
1	WATER	CAST IRON	6\"	4.73	5423.04	
2	GAS	STEEL	2\"	1.68	5426.21	
3	GAS	STEEL	2\"	2.50	5425.52	
4	CABLE TV	-	-	-	NOT FOUND	
5	WATER	CAST IRON	6\"	3.77	5424.23	



As Built by:

05/17/2019



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION			
TITLE: McKnight Ave. Storm Drain Improvements Design			
STORM DRAIN PLAN & PROFILE STA. 20+00 TO 21+00			
Design Review Committee	City Engineer Approval	City Project No.	Zone Map No.
		5832.91	J-20
Drawing No.	Sheet	6	01
6	6		