

DOWNTOWN RATON INFRASTRUCTURE PROJECT RATON, NEW MEXICO

MARCH 2021


PROJECT ENGINEER:
KAREN M. STEARNS, P.E.
ENGINEERING ANALYTICS, INC.
219 S. 2ND ST.
RATON, NEW MEXICO 87740
575-445-7192

OWNER/FUNDING AGENCY:
CITY OF RATON
POST OFFICE BOX 910
224 SAVAGE AVE.
RATON, NEW MEXICO 87740
575-445-9551

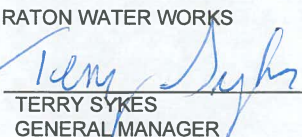
PROJECT FUNDING:
COMMUNITY DEVELOPMENT BLOCK GRANT
CDBG GRANT NO. 19-C-NR-I-01-G-16


CERTIFICATION

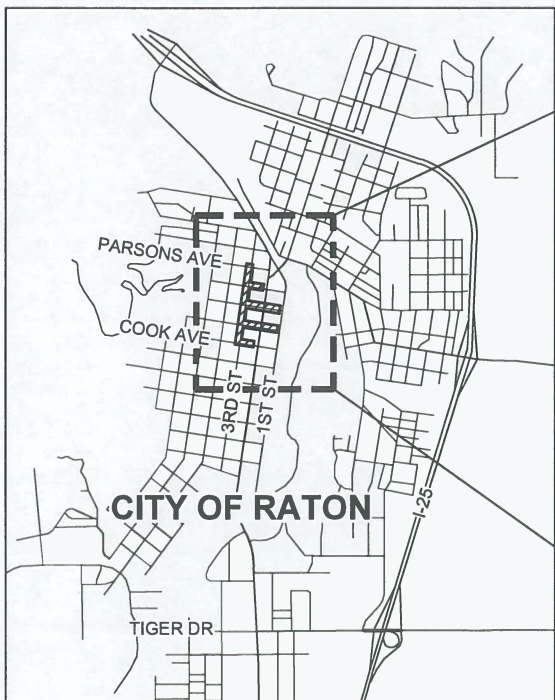
I, NEIL SEGOTTA, MAYOR OF THE CITY OF RATON, HEREBY
ACCEPT THESE PLANS FOR THE DOWNTOWN RATON
INFRASTRUCTURE PROJECT.

 3/15/2021
JAMES NEIL SEGOTTA JR. DATE
MAYOR

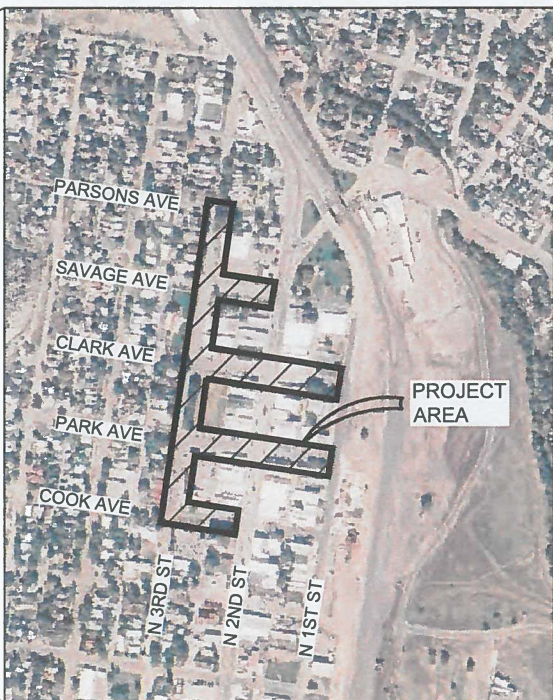
AFFECTED UTILITY COMPANIES

RATON WATER WORKS
 3/10/2021
TERRY SYKES DATE
GENERAL MANAGER

RATON PUBLIC SERVICE
 3/10/20
DAVID PIACINO DATE
GENERAL MANAGER



VICINITY MAP



SITE MAP



SHEET INDEX

- G-1.0 COVER SHEET AND SITE LOCATION
- G-2.0 CONSTRUCTION NOTES
- C-1.0 S 3RD STREET STA 30+00 TO 35+00
- C-2.0 N 3RD STREET STA 35+00 TO 39+00
- C-3.0 N 3RD STREET STA 39+00 TO 43+00
- C-4.0 N 3RD STREET STA 43+00 TO 46+50
- C-5.0 COOK AVENUE STA 10+00 TO 15+00
- C-6.0 PARK AVENUE STA 10+00 TO 15+00
- C-7.0 PARK AVENUE STA 15+00 TO 18+40
- C-8.0 CLARK AVENUE STA 10+00 TO 15+00
- C-9.0 CLARK AVENUE STA 15+00 TO 18+40
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- D-1.1 NM APWA DRAWINGS
- D-1.2 NM APWA DRAWINGS
- D-1.3 NMDOT DRAWINGS

REVISIONS

Revision	Date	Description
0	03-05-2021	ISSUED FOR CONSTRUCTION

Designed by:

Engineering Analytics, Inc.
219 S. 2nd Street
Raton, NM 87740
(575) 445-7192

Designed by:

TLD

Approved by:

KMS



DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

COVER SHEET
AND SITE
LOCATION

Project Number: 141029

Date: MARCH 5, 2021

Sheet: G-1.0

T:\41028 Street Paving\Notes Std Dwg.dwg SAVED: 3/3/21 PRINTED: 3/3/21

GENERAL NOTES

1.

ALL CONSTRUCTION SHALL COMPLY WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION AND NMDOT SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION.
2.

CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS IN THE CONTRACT DOCUMENTS, INCLUDING THE TECHNICAL SPECIFICATIONS, IN ADDITION TO THE PLAN SET.
3.

THE DRAWINGS/PLANS ILLUSTRATE THE SCOPE OF THE CONSTRUCTION PROJECT AT THE TIME OF THE BID PHASE. PLEASE REFER TO THE SPECIFICATIONS FOR THE ITEMS DENOTED AS ADDITIVE OR DEDUCTIVE ALTERNATES. PLEASE REFER TO THE CONTRACT FOR THE ACTUAL ITEMS INCLUDED IN THE CONSTRUCTION SCOPE OF WORK.
4.

CONTRACTOR SHALL PROTECT IN PLACE ANY SIDEWALK WITH STAMPED HISTORIC MARKINGS (FOR EXAMPLE, CONCRETE STAMPED "ERA", "WPA" OR STAMPED WITH CONTRACTOR NAME) OR SIMILARLY FINISHED CONCRETE IN THE VICINITY OF STAMPED SIDEWALK. CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER OF ANY STAMPED SIDEWALK FOUND WITHIN THE PROJECT LIMITS.
5.

CONTRACTOR IS REQUIRED TO INSTALL CURB RAMPS IN COMPLIANCE WITH REGULATORY ACCESSIBILITY REQUIREMENTS. APPLICABLE DRAWINGS FROM NMDOT STD SERIAL NO. 608-001 ARE PROVIDED ON SHEET D-1.3. CONTRACTOR SHALL BUILD THE ACCESSIBLE CURB RAMPS IN COMPLIANCE WITH SERIAL 608-001. THESE DRAWINGS PROVIDE PREFERENCES AND REQUIREMENTS REGARDING SLOPES AND DIMENSIONS, AS WELL AS VARIOUS INSTALLATION SCENARIOS, TO ASSIST THE CONTRACTOR IN RETROFITTING PEDESTRIAN AREAS FOR ACCESSIBILITY.
6.

BASED ON THE IMPROVEMENTS PROPOSED HEREIN, THE AREA OF DISTURBANCE IS ANTICIPATED TO BE LESS THAN 5 ACRES. IF APPLICABLE, CONTRACTOR IS RESPONSIBLE FOR SUBMITTING NOTICE OF INTENT (NOI) UNDER THE CONSTRUCTION GENERAL PERMIT (CGP) PRIOR TO CONSTRUCTION COMMENCEMENT AND COMPLYING WITH ALL REQUIREMENTS UNDER THE NOI AND CGP, INCLUDING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND BEST MANAGEMENT PRACTICES (BMP's).
7.

CONTRACTOR IS RESPONSIBLE FOR JOB SITE DUST CONTROL THROUGHOUT THE DURATION OF CONSTRUCTION.
8.

PONDING OF SURFACE WATER WILL NOT BE PERMITTED AT ANY TIME DURING CONSTRUCTION.
9.

CONTRACTOR MUST ENSURE THAT ALL ENVIRONMENTAL CONDITIONS ARE PROTECTED THROUGHOUT CONSTRUCTION AND THE SITE IS RESTORED TO A STATE ACCEPTABLE TO THE ENGINEER AND OWNER.
10.

CONTRACTOR TO PROVIDE TRAFFIC CONTROL PLANS TO ENGINEER AND CITY OF RATON PRIOR TO CONSTRUCTION. FOR ALL CITY STREETS. CONTRACTOR TO PROVIDE CONSTRUCTION SEQUENCING PLAN PRIOR TO STARTING CONSTRUCTION SO THAT THE OWNER CAN ALERT LOCAL RESIDENTS OF ANY CLOSURES AND/OR DETOURS PRIOR TO CLOSURES/DETOURS.
11.

NOT ALL EXISTING UTILITIES ARE SHOWN IN PLAN DUE TO INSUFFICIENT INFORMATION AND NEW CONSTRUCTION SINCE THE SURVEY AND MAPPING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION. PLEASE NOTE THAT SOME UTILITIES (FOR EXAMPLE, GAS AND ELECTRIC) ARE KNOWN TO BE SHALLOW IN THE DOWNTOWN AREA. CALL NEW MEXICO ONE CALL BEFORE YOU DIG (UTILITY LOCATES) 1-800-321-2537 OR 811.
12.

IMAGERY AND TOPOGRAPHIC DATA WERE FLOWN ON 3/9/2020 AND COLLECTED ON 5/7/2020, RESPECTIVELY, BY SHIELDS SURVEY UNDER CONTRACT WITH CITY OF RATON. SINCE THEN, RATON WATER WORKS COMPLETED CONSTRUCTION OF THE DOWNTOWN WATERLINE REPLACEMENT PROJECT AND CITY OF RATON PROGRESSED CONSTRUCTION OF STREET IMPROVEMENTS ON 1ST ST. (GREAT BLOCKS PHASE 2 PROJECT). PLANS FOR THESE PROJECTS ARE AVAILABLE ON REQUEST.
13.

THE DOWNTOWN WATERLINE REPLACEMENT PROJECT WAS COMPLETED IN FEB. 2021. ON 3RD ST., COOK AVE. AND PARK AVE., NEW WATERLINE WAS INSTALLED UTILIZING HORIZONTAL DIRECTIONAL DRILLING (HDD). EXCAVATIONS FOR HDD PITS, UTILITY POTHOLING, WATERLINE CONNECTIONS, SERVICE LINES AND HYDRANT LEGS WERE BACKFILLED WITH FLOWABLE FILL AND PATCHED WITH 4" TO 6" OF CONCRETE PAVEMENT OVER 6" BASE COURSE.
14.

CONTRACTOR MUST ENSURE THAT ALL EXISTING UTILITIES, ONSITE STRUCTURES, ADJACENT STRUCTURES AND SITES ARE PROTECTED DURING CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE SURE ALL DAMAGE IS REPAIRED TO EQUAL OR BETTER THAN EXISTING.
15.

STATIONING IS BASED ON APPROXIMATE ROAD CENTERLINE ACCORDING TO FIELD SURVEY CONDUCTED.
16.

CONTRACTOR SHALL PROTECT IN PLACE ALL CONCRETE COLLARS IN THE ASPHALT PAVEMENT SECTION, UNLESS DAMAGED OR OTHERWISE NOTED ON PLANS. ALL COLLARS IN THE CONCRETE PAVEMENT SECTION SHALL BE REPLACED DUE TO RAISED GRADE.
17.

CONTRACTOR TO TAKE CARE REMOVING CONCRETE CURB AND GUTTER AND SIDEWALK, BECAUSE LIGHTING CONDUIT MAY BE ENCASED IN THE CONCRETE OR VERY SHALLOW.
18.

THE HEIGHT OF THE EXISTING CURB AND GUTTER VARIES THROUGHOUT THE PROJECT, TYPICALLY 6" TO 8" OR HIGHER AT TRANSITIONS TO INLETS. NEW CURB SHALL BE BUILT WITH A CURB HEIGHT MATCHING THE EXISTING, UNLESS OTHERWISE NOTED ON PLANS.

UTILITY CONTACT INFORMATION

RATON WATER WORKS
(575) 445-3861



RATON PUBLIC SERVICE
(575) 445-8723



RATON NATURAL GAS COMPANY
(575) 445-3613



CENTRY LINK
(505) 629-1702 or (888) 592-7793





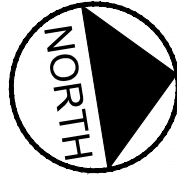
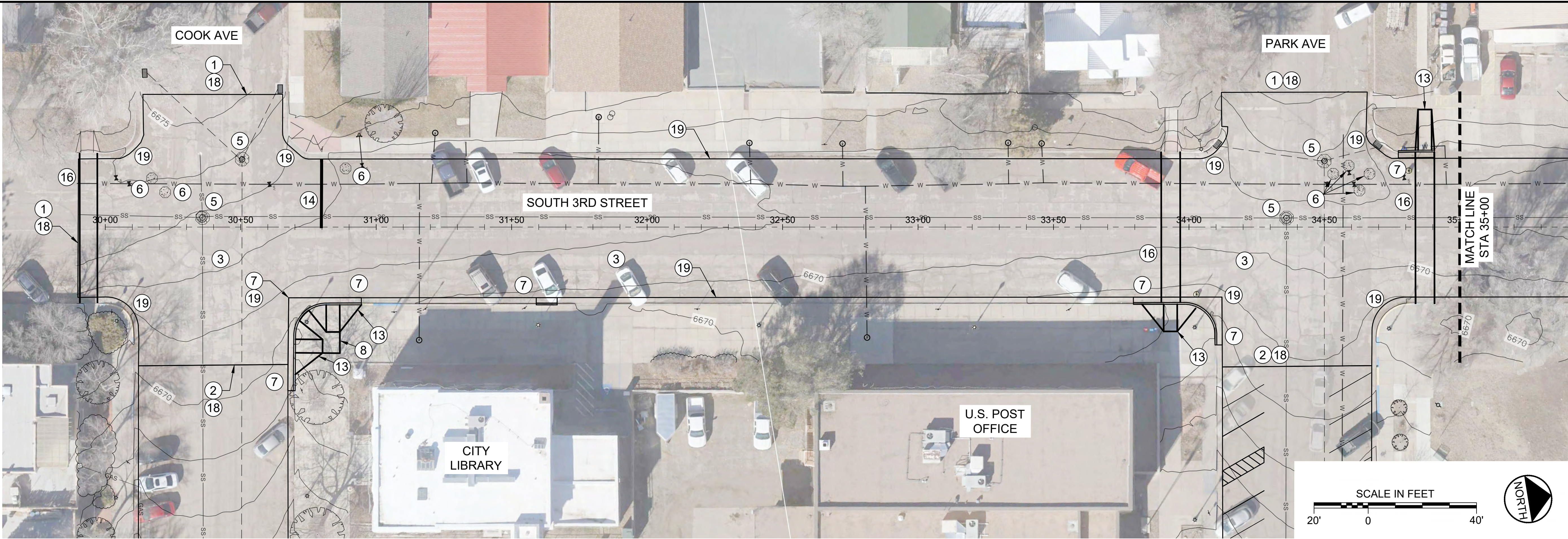
BACA VALLEY TELEPHONE AND SIERRA COMMUNICATIONS
(575) 278-2101 OR (888) 682.2101



NM 811 (ONECALL)
(505) 260-1990



<div>Project Number: 141029</div> <div>Date: MARCH 5, 2021</div> <div>Sheet: G-2.0</div>		<div>CONSTRUCTION NOTES</div>		<div>DOWNTOWN RATON INFRASTRUCTURE PROJECT RATON, NEW MEXICO</div>		<div></div>		<div>Designed by: Engineering Analytics, Inc.  219 S. 2nd Street Raton, NM 87740 (575) 445-7192</div> <div>Designed by: TLD</div> <div>Approved by: KMS</div>		<div>REVISIONS</div> <table><thead><tr><th>Revision</th><th>Date</th><th>Description</th></tr></thead><tbody><tr><td>0</td><td>03-05-2021</td><td>ISSUED FOR CONSTRUCTION</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Revision	Date	Description	0	03-05-2021	ISSUED FOR CONSTRUCTION									
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LEGEND:

- EX TOPO CONTOURS
- EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
- EX WATER
- EX SEWER
- EX GAS
- EX COMMUNICATIONS
- EX ELECTRIC
- EX STORM DRAIN

KEY NOTES:

- LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
- APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
- MILL CONCRETE PAVEMENT FULL WIDTH TO 1" DEPTH, APPLY TACK COAT, INSTALL ASPHALT PAVING FABRIC FULL WIDTH AND OVERLAY WITH ASPHALT PAVEMENT MIN. 2" THICK. SEE DETAILS 1 & 5 ON SHEET D-1.0.
- NOT USED
- ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- ADJUST WATER VALVE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
- REMOVE & REPLACE 4" THICK CONCRETE SIDEWALK PER NMDOT DWG 609-01-1-1.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- REMOVE & REPLACE ADA PERPENDICULAR CURB RAMP PER NMDOT DWG 608-001-2. WHERE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, CONTRACTOR CAN INSTALL 12"-24" FLARE.
- INSTALL 12" WIDE WHITE STOP BAR PAVEMENT MARKINGS USING TWO COATS OF REFLECTORIZED TRAFFIC-RATED PAINT.
- NOT USED
- INSTALL 7' WIDE PEDESTRIAN CROSS WALK MARKED WITH TWO COATS OF 6" WIDE WHITE REFLECTORIZED TRAFFIC-RATED PAINT PER DETAIL 7 ON SHEET D-1.0.
- NOT USED
- CONTRACTOR TO PROVIDE SMOOTH LEVEL TRANSITION AT INTERSECTIONS. SEE DETAIL 3 ON SHEET D-1.0.
- CONTRACTOR TO ROUND OVERLAY EDGE AT GUTTER AND PROVIDE SMOOTH LEVEL TRANSITION AT DRIVEWAYS AND ALLEYS. SEE DETAIL 4 ON SHEET D-1.0.

REVISIONS

Revision	Date	Description
0	03-05-2021	ISSUED FOR CONSTRUCTION

Designed by:
Engineering Analytics, Inc.
210 S. 2nd Street
Raton, NM 87740
(505) 445-7182

Designed by:
TLD

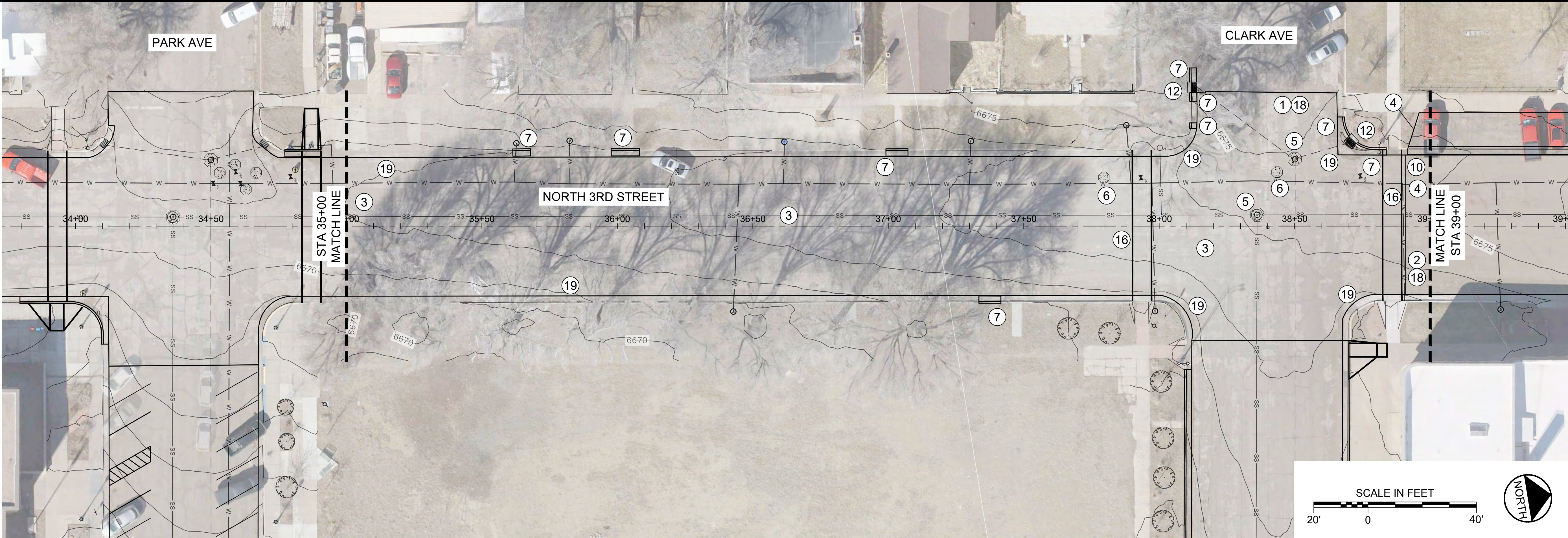
Approved by:
KMS



**DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO**

**S 3RD STREET
STA 30+00 TO 35+00**

Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-1.0



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Designed by:	TLD
Approved by:	KMS



DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

N 3RD STREET
STA 35+00 TO 39+00

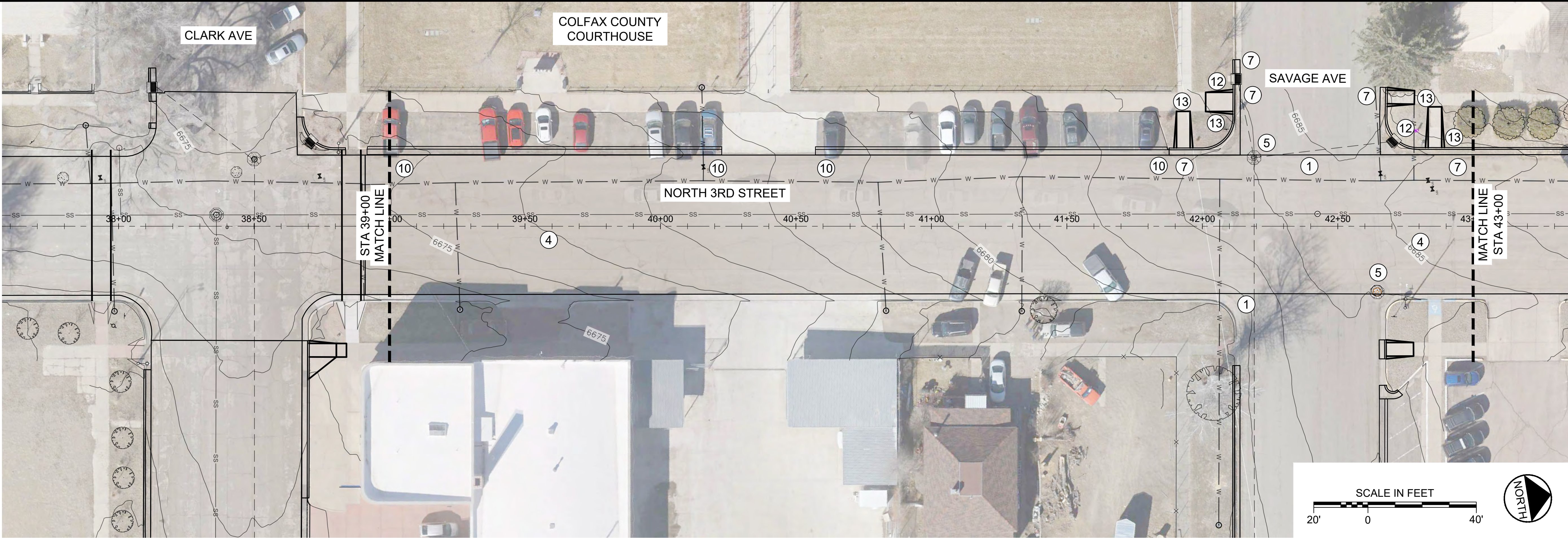
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Sheet:	C-2.0

LEGEND:

- EX TOPO CONTOURS
- EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
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KEY NOTES:

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- 2 APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
- 3 MILL CONCRETE PAVEMENT FULL WIDTH TO 1" DEPTH, APPLY TACK COAT, INSTALL ASPHALT PAVING FABRIC FULL WIDTH AND OVERLAY WITH ASPHALT PAVEMENT MIN. 2" THICK. SEE DETAILS 1 & 5 ON SHEET D-1.0.
- 4 MILL ASPHALT PAVEMENT TO 1.5" DEPTH, APPLY TACK COAT AND OVERLAY WITH ASPHALT PAVEMENT MIN. 1.5" THICK. SEE DETAILS 2 & 6 ON SHEET D-1.0.
- 5 ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- 6 ADJUST WATER VALVE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- 7 REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
- 8 NOT USED
- 9 NOT USED
- 10 REMOVE AND REPLACE WITH 3' WIDE CONCRETE VALLEY GUTTER PER NMDOT DWG 609-01-1/1.
- 11 NOT USED
- 12 REMOVE & REPLACE STORM DRAIN INLET WITH TYPE SINGLE "C" PER NM APWA DWG 2205, 2216 AND 2220. MATCH EX LATERAL INVERT. SLOPE INLET TOP TO MATCH EXISTING PAVEMENT GRADE. TRANSITION CURB AND GUTTER PER NM APWA DWG 2207. INLET DEPTH VARIES UP TO 6'. INLETS DEEPER THAN 4' SHALL HAVE STEPS PER NM APWA DWG 2229.
- 13 NOT USED
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Designed by: Engineering Analytics, Inc. 210 S 2nd Street Raton, NM 87240 (575) 445-7192	Designed by: TLD
	Approved by: KMS



DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

N 3RD STREET
STA 39+00 TO 43+00

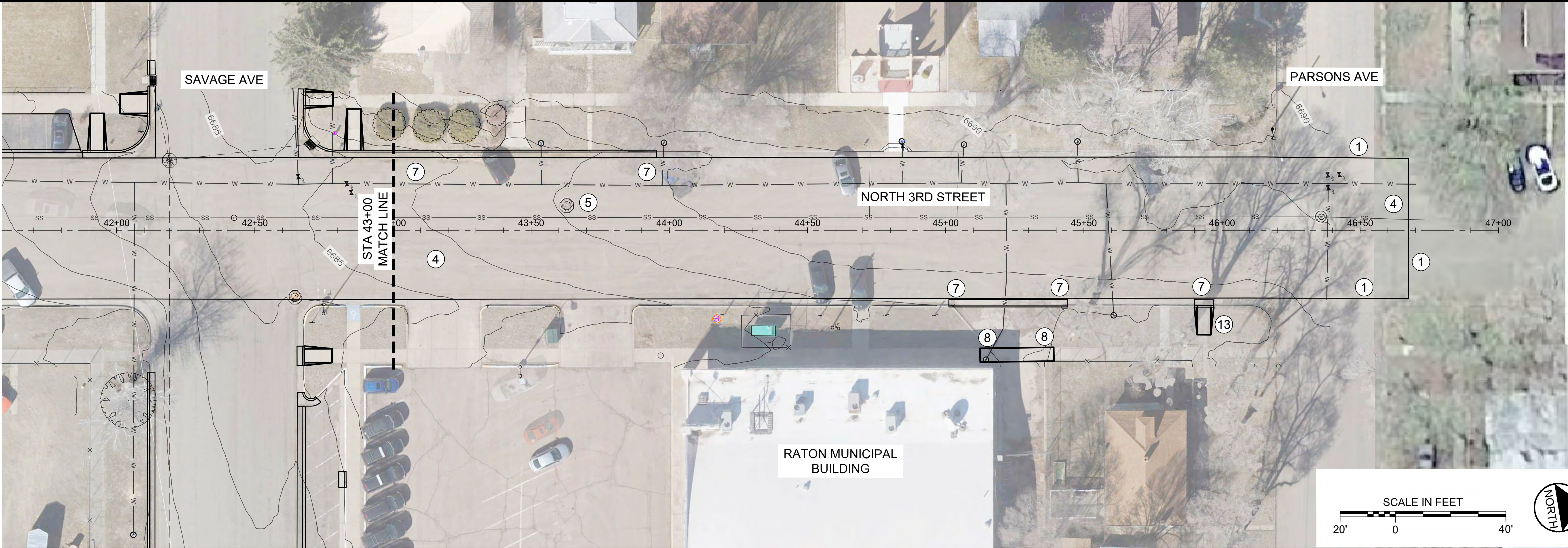
Project Number:	141029
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Sheet:	C-3.0

LEGEND:


- EX TOPO CONTOURS
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- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
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KEY NOTES:

- 1 LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
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- 4 MILL ASPHALT PAVEMENT TO 1.5" DEPTH, APPLY TACK COAT AND OVERLAY WITH ASPHALT PAVEMENT MIN. 1.5" THICK. SEE DETAILS 2 & 6 ON SHEET D-1.0.
- 5 ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
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- 13 REMOVE & REPLACE ADA PERPENDICULAR CURB RAMP PER NMDOT DWG 608-001-2. WHERE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, CONTRACTOR CAN INSTALL 12"-24" FLARE.
- 14 NOT USED
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N 3RD STREET
STA 43+00 TO 46+50

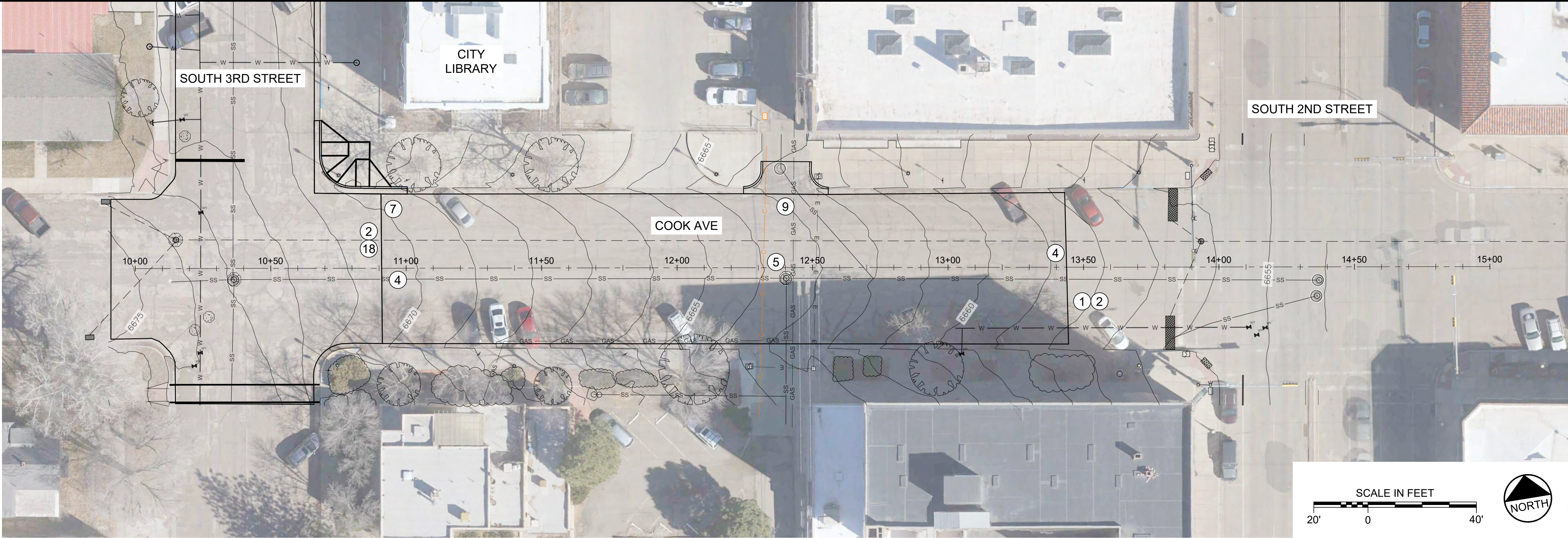
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DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

COOK AVENUE
STA 10+00 TO 15+00

Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-5.0

LEGEND:

- EX TOPO CONTOURS
- ×

6670.57

EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
- W

EX WATER
- SS

EX SEWER
- GAS

EX GAS
- EX COMMUNICATIONS
- E

EX ELECTRIC
- EX STORM DRAIN

KEY NOTES:

- 1

LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
- 2

APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
- 3

NOT USED
- 4

MILL ASPHALT PAVEMENT TO 1.5" DEPTH, APPLY TACK COAT AND OVERLAY WITH ASPHALT PAVEMENT MIN. 1.5" THICK. SEE DETAILS 2 & 6 ON SHEET D-1.0.
- 5

ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- 6

NOT USED
- 7

REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
- 8

NOT USED
- 9

REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12". MATCH EXISTING CURB RETURN RADII.
- 10

NOT USED
- 11

NOT USED
- 12

NOT USED
- 13

NOT USED
- 14

NOT USED
- 15

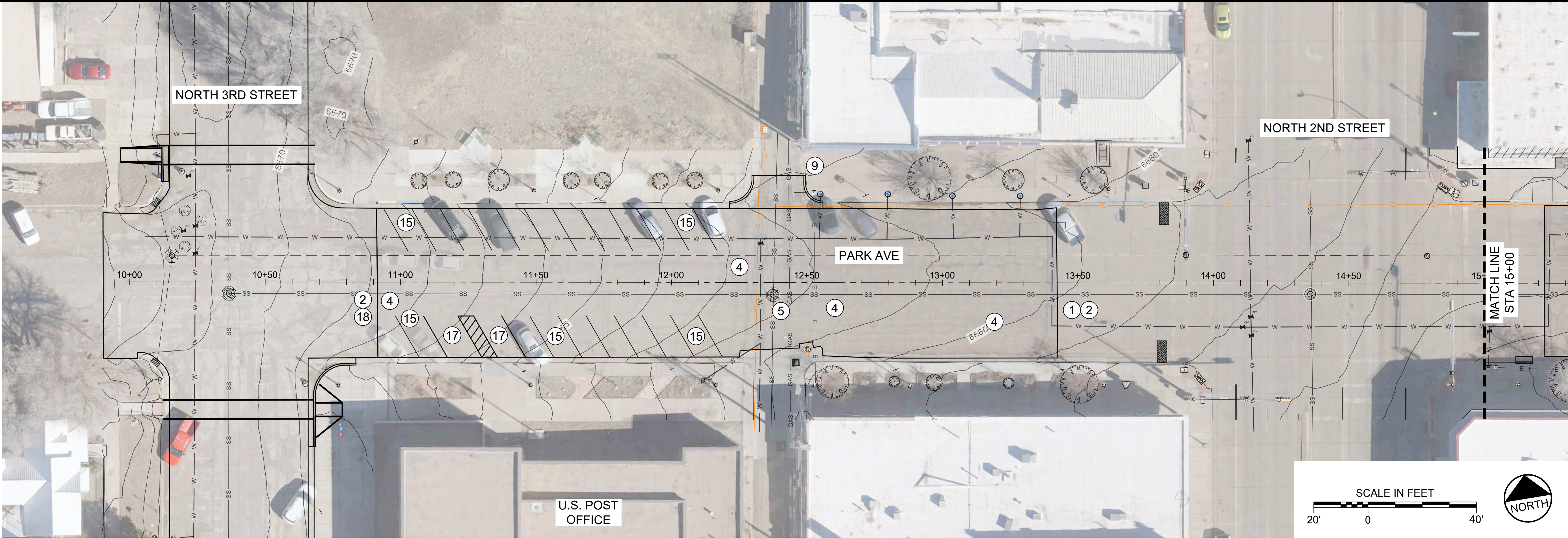
NOT USED
- 16

NOT USED
- 17

NOT USED
- 18

CONTRACTOR TO PROVIDE SMOOTH LEVEL TRANSITION AT INTERSECTIONS. SEE DETAIL 3 ON SHEET D-1.0.
- 19

NOT USED



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RATON, NEW MEXICO

PARK AVENUE
STA 10+00 TO 15+00

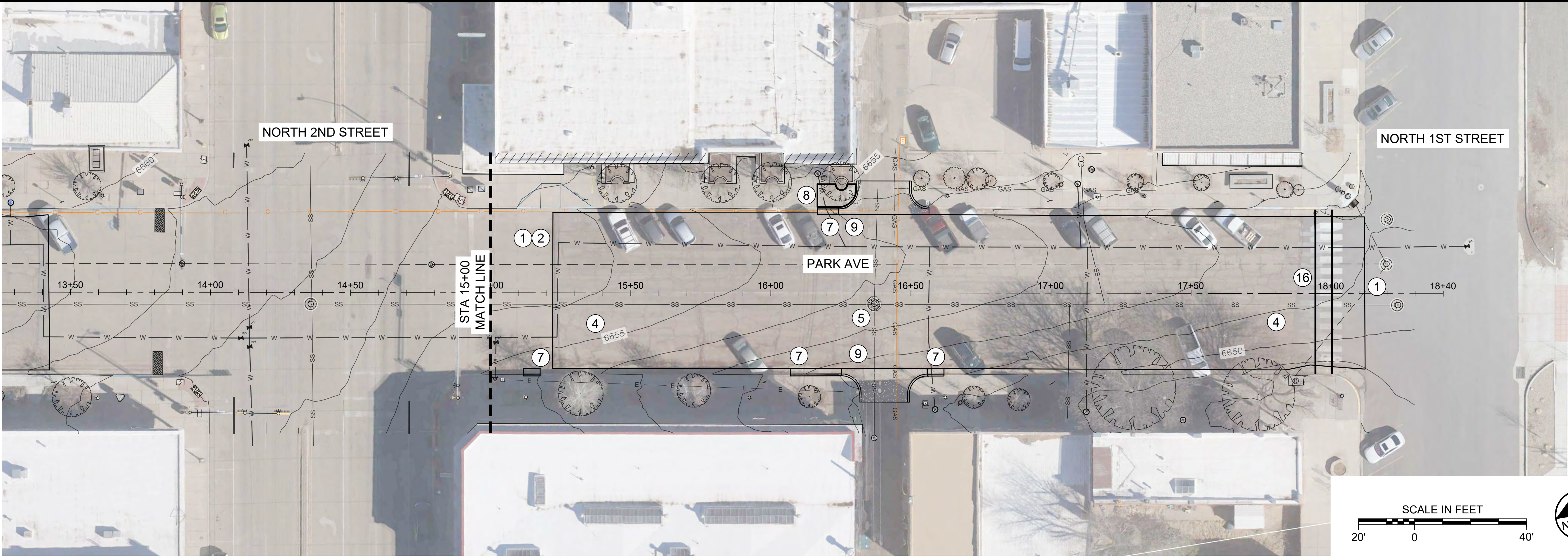
Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-6.0

LEGEND:

- EX TOPO CONTOURS
- EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
- EX WATER
- EX SEWER
- EX GAS
- EX COMMUNICATIONS
- EX ELECTRIC
- EX STORM DRAIN

KEY NOTES:

- LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
- APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
- NOT USED
- MILL ASPHALT PAVEMENT TO 1.5" DEPTH, APPLY TACK COAT AND OVERLAY WITH ASPHALT PAVEMENT MIN. 1.5" THICK. SEE DETAILS 2 & 6 ON SHEET D-1.0.
- ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- NOT USED
- NOT USED
- NOT USED
- REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12'. MATCH EXISTING CURB RETURN RADII.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- INSTALL 4" WIDE WHITE ANGLED (60-DEGREE) PARKING PAVEMENT MARKINGS USING TWO COATS OF REFLECTORIZED TRAFFIC-RATED PAINT. PARKING SPACES SHOULD BE SPACED 9' WIDE O.C. BY 20' LONG SPACES.
- NOT USED
- ADA ACCESS AISLES AND SPACES SHALL BE MARKED WITH BLUE LINES USING TWO COATS OF REFLECTORIZED TRAFFIC-RATED PAINT. ADA PARKING SPACES SHALL BE MARKED WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY USING BLUE REFLECTORIZED TRAFFIC-RATED PAINT. MARK ACCESS AISLE WITH DIAGONAL 4" WIDE BLUE REFLECTORIZED TRAFFIC-RATED PAINTED STRIPES, SPACED AT 30" O.C. ADA SPACES SHALL BE 11' WIDE O.C. FOR VAN SPACES AND MIN. 8' WIDE O.C. FOR REGULAR SPACES. MINIMUM 1 VAN SPACE REQUIRED.
- CONTRACTOR TO PROVIDE SMOOTH LEVEL TRANSITION AT INTERSECTIONS. SEE DETAIL 3 ON SHEET D-1.0.
- NOT USED



REVISIONS			Designed by: Engineering Analytics, Inc. 210 S 2nd Street Raton, NM 87740 (575) 445-7192	Designed by: TLD	Approved by: KMS
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DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

PARK AVENUE
STA 15+00 TO 18+40

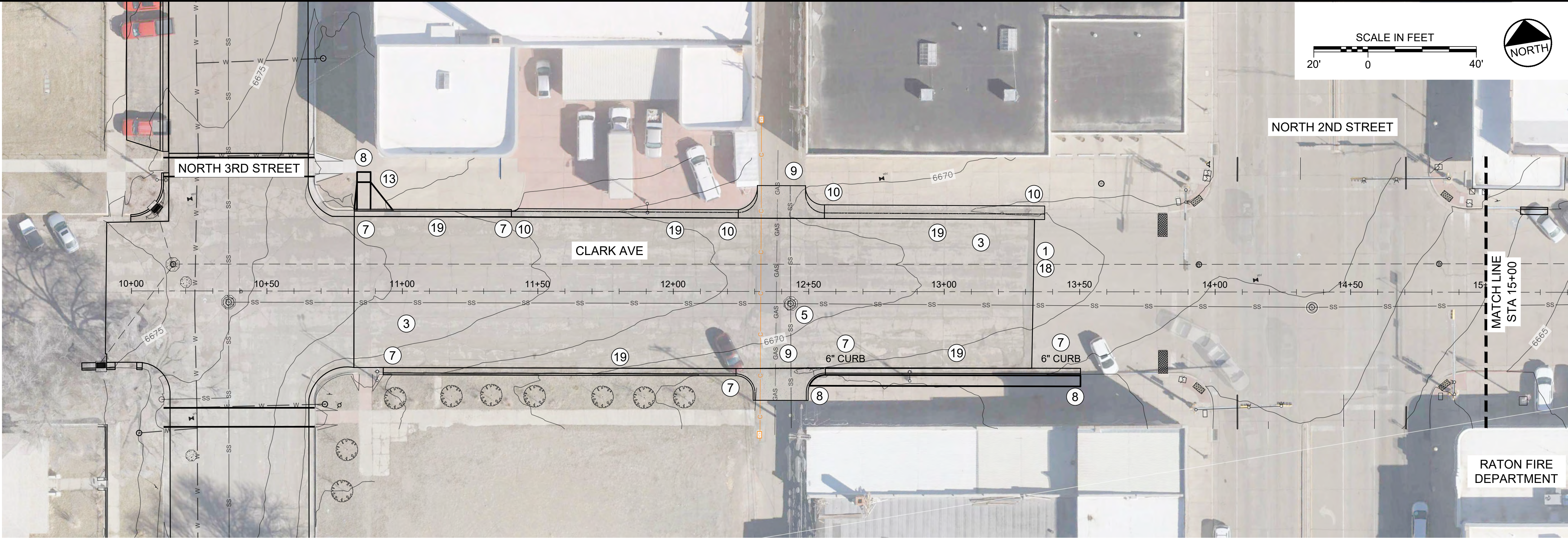
Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-7.0

LEGEND:

- EX TOPO CONTOURS
- EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
- EX WATER
- EX SEWER
- EX GAS
- EX COMMUNICATIONS
- EX ELECTRIC
- EX STORM DRAIN

KEY NOTES:

- 1 LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
- 2 APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
- 3 NOT USED
- 4 MILL ASPHALT PAVEMENT TO 1.5" DEPTH, APPLY TACK COAT AND OVERLAY WITH ASPHALT PAVEMENT MIN. 1.5" THICK. SEE DETAILS 2 & 6 ON SHEET D-1.0.
- 5 ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
- 6 NOT USED
- 7 REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
- 8 REMOVE & REPLACE 4" THICK CONCRETE SIDEWALK PER NMDOT DWG 609-01-1-1.
- 9 REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12'. MATCH EXISTING CURB RETURN RADII.
- 10 NOT USED
- 11 NOT USED
- 12 NOT USED
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 INSTALL 7' WIDE PEDESTRIAN CROSS WALK MARKED WITH TWO COATS OF 6" WIDE WHITE REFLECTORIZED TRAFFIC-RATED PAINT PER DETAIL 7 ON SHEET D-1.0.
- 17 NOT USED
- 18 NOT USED
- 19 NOT USED



- LEGEND:**
- EX TOPO CONTOURS
 - EX SPOT ELEVATION
 - EX SAN. SEWER MANHOLE
 - EX STORM SEWER MANHOLE
 - EX STORM SEWER DRAIN
 - EX WATERLINE VALVE
 - EX SIGN
 - EX WATER
 - EX SEWER
 - EX GAS
 - EX COMMUNICATIONS
 - EX ELECTRIC
 - EX STORM DRAIN

- KEY NOTES:**
- 1 LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
 - 2 NOT USED
 - 3 MILL CONCRETE PAVEMENT FULL WIDTH TO 1" DEPTH, APPLY TACK COAT, INSTALL ASPHALT PAVING FABRIC FULL WIDTH AND OVERLAY WITH ASPHALT PAVEMENT MIN. 2" THICK. SEE DETAILS 1 & 5 ON SHEET D-1.0.
 - 4 NOT USED
 - 5 ADJUST MANHOLE COVER TO FINISHED GRADE AND INSTALL CONCRETE COLLAR PER NM APWA DWG 2461.
 - 6 NOT USED
 - 7 REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
 - 8 REMOVE & REPLACE 4" THICK CONCRETE SIDEWALK PER NMDOT DWG 609-01-1-1.
 - 9 REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12'. MATCH EXISTING CURB RETURN RADII.
 - 10 REMOVE & REPLACE CONCRETE VALLEY GUTTER PER NMDOT DWG 609-01-1/1. STA 11+40 TO 12+25: 3' WIDE STA 12+55 TO 13+40: 5' WIDE
 - 11 NOT USED
 - 12 NOT USED
 - 13 REMOVE & REPLACE ADA PERPENDICULAR CURB RAMP PER NMDOT DWG 608-001-2. WHERE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, CONTRACTOR CAN INSTALL 12"-24" FLARE.
 - 14 NOT USED
 - 15 NOT USED
 - 16 NOT USED
 - 17 NOT USED
 - 18 CONTRACTOR TO PROVIDE SMOOTH LEVEL TRANSITION AT INTERSECTIONS. SEE DETAIL 3 ON SHEET D-1.0.
 - 19 CONTRACTOR TO ROUND OVERLAY EDGE AT GUTTER AND PROVIDE SMOOTH LEVEL TRANSITION AT DRIVEWAYS AND ALLEYS. SEE DETAIL 4 ON SHEET D-1.0.

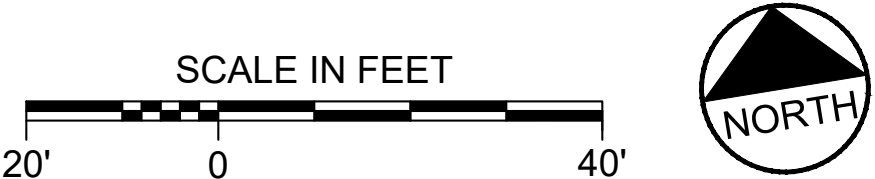
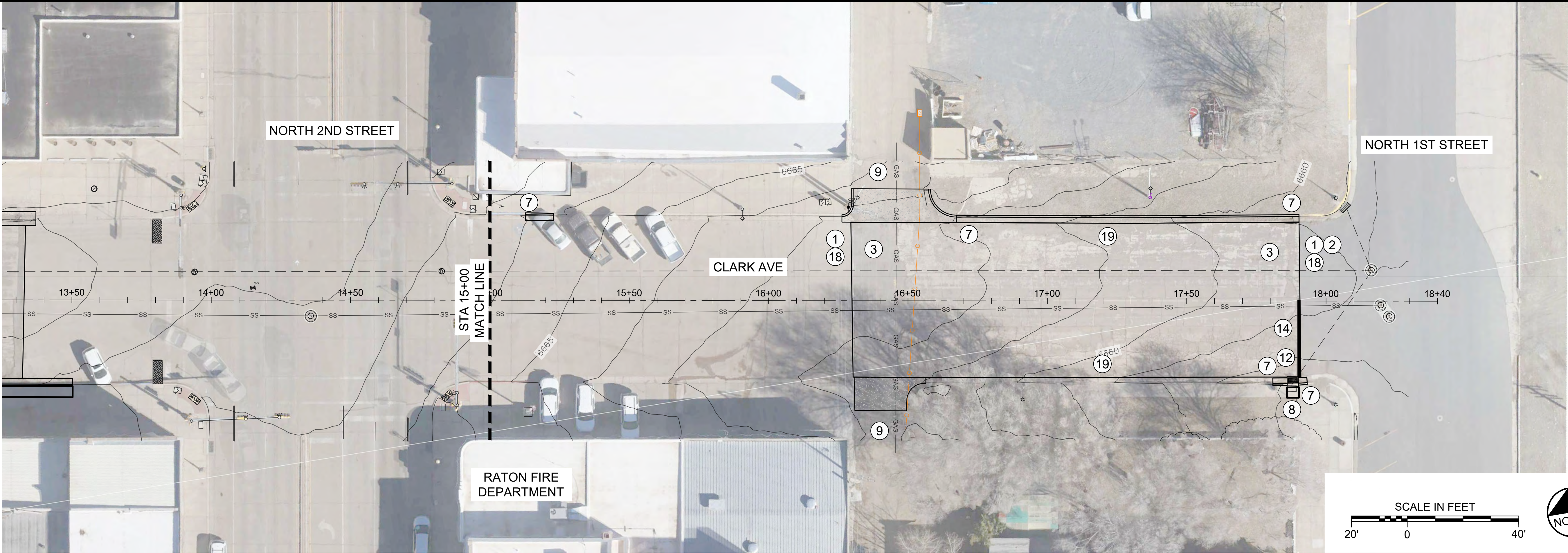
REVISIONS		
Revision	Date	Description
0	03-05-2021	ISSUED FOR CONSTRUCTION

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	Approved by: KMS

**DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO**



**CLARK AVENUE
STA 10+00 TO 15+00**

Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-8.0



- LEGEND:**
- EX TOPO CONTOURS
 - EX SPOT ELEVATION
 - EX SAN. SEWER MANHOLE
 - EX STORM SEWER MANHOLE
 - EX STORM SEWER DRAIN
 - EX WATERLINE VALVE
 - EX SIGN
 - EX WATER
 - EX SEWER
 - EX GAS
 - EX COMMUNICATIONS
 - EX ELECTRIC
 - EX STORM DRAIN

- KEY NOTES:**
- 1 LIMITS OF MILL AND OVERLAY. LOCATE AT NEAREST JOINT OR SAW CUT PAVEMENT TO FULL DEPTH.
 - 2 APPROXIMATE LOCATION OF JOINT BETWEEN CONCRETE PAVEMENT AND ASPHALT PAVEMENT.
 - 3 MILL CONCRETE PAVEMENT FULL WIDTH TO 1" DEPTH, APPLY TACK COAT, INSTALL ASPHALT PAVING FABRIC FULL WIDTH AND OVERLAY WITH ASPHALT PAVEMENT MIN. 2" THICK. SEE DETAILS 1 & 5 ON SHEET D-1.0.
 - 4 NOT USED
 - 5 NOT USED
 - 6 NOT USED
 - 7 REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
 - 8 REMOVE & REPLACE 4" THICK CONCRETE SIDEWALK PER NMDOT DWG 609-01-1-1.
 - 9 REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12'. MATCH EXISTING CURB RETURN RADII.
 - 10 NOT USED
 - 11 NOT USED
 - 12 REMOVE & REPLACE STORM DRAIN INLET WITH TYPE SINGLE "C" PER NM APWA DWG 2205, 2216 AND 2220. MATCH EX LATERAL INVERT. SLOPE INLET TOP TO MATCH EXISTING PAVEMENT GRADE. TRANSITION CURB AND GUTTER PER NM APWA DWG 2207. INLET DEPTH VARIES UP TO 6'. INLETS DEEPER THAN 4' SHALL HAVE STEPS PER NM APWA DWG 2229.
 - 13 NOT USED
 - 14 INSTALL 12" WIDE WHITE STOP BAR PAVEMENT MARKINGS USING TWO COATS OF REFLECTORIZED TRAFFIC-RATED PAINT.
 - 15 NOT USED
 - 16 NOT USED
 - 17 NOT USED
 - 18 CONTRACTOR TO PROVIDE SMOOTH LEVEL TRANSITION AT INTERSECTIONS. SEE DETAIL 3 ON SHEET D-1.0.
 - 19 CONTRACTOR TO ROUND OVERLAY EDGE AT GUTTER AND PROVIDE SMOOTH LEVEL TRANSITION AT DRIVEWAYS AND ALLEYS. SEE DETAIL 4 ON SHEET D-1.0.

CLARK AVENUE STA 15+00 TO 18+40		DOWNTOWN RATON INFRASTRUCTURE PROJECT RATON, NEW MEXICO			Designed by:  Engineering Analytics, Inc. 219 S. 2nd Street Raton, NM 87740 (575) 445-7192	<div>REVISIONS</div> <table><thead><tr><th>Revision</th><th>Date</th><th>Description</th></tr></thead><tbody><tr><td>0</td><td>03-05-2021</td><td>ISSUED FOR CONSTRUCTION</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>			Revision	Date	Description	0	03-05-2021	ISSUED FOR CONSTRUCTION												
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Project Number: 141029		Designed by: TLD																								
Date: MARCH 5, 2021		Approved by: KMS																								
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DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

SAVAGE AVENUE
STA 10+00 TO 15+00

Project Number:	141029
Date:	MARCH 5, 2021
Sheet:	C-10.0

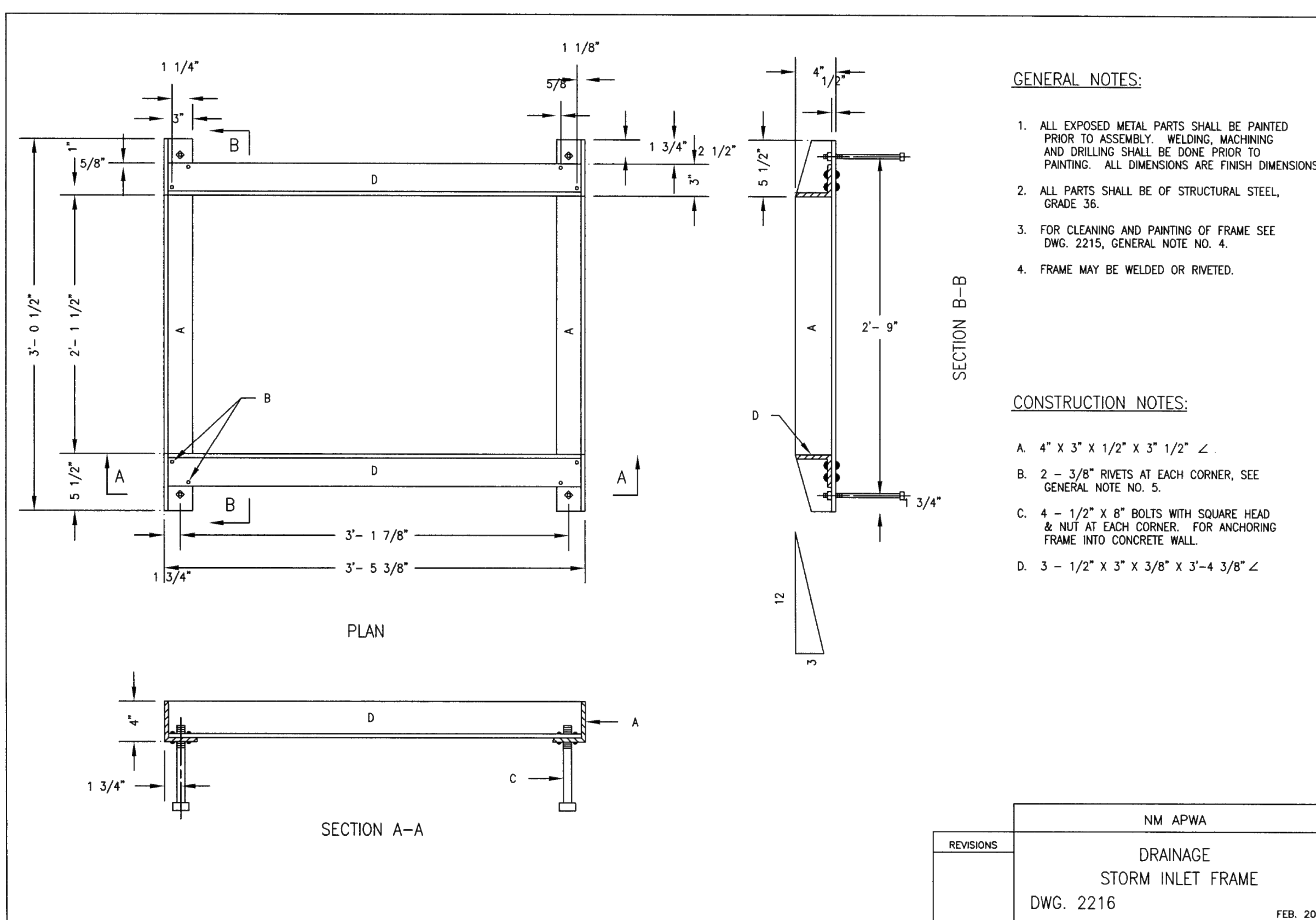
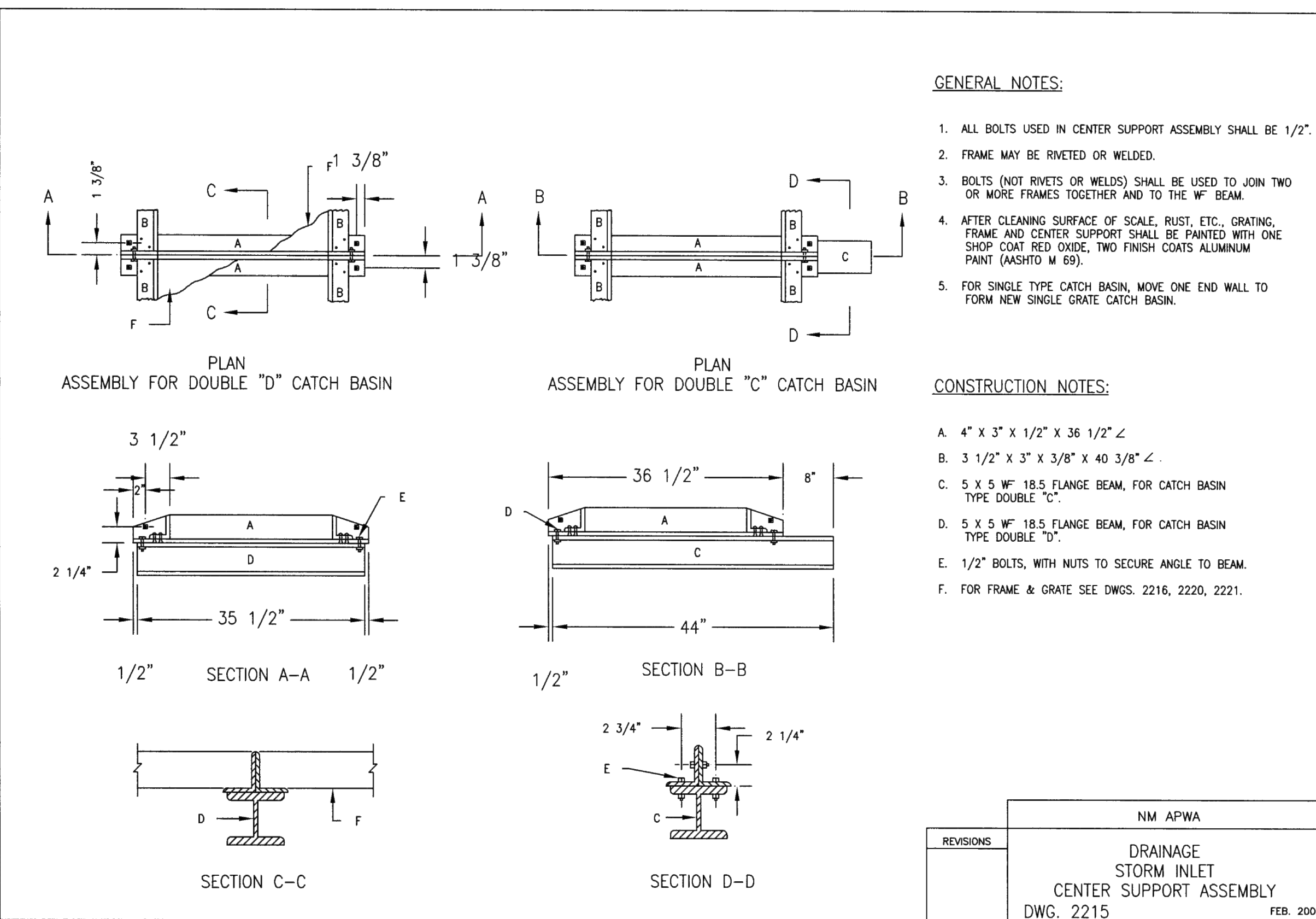
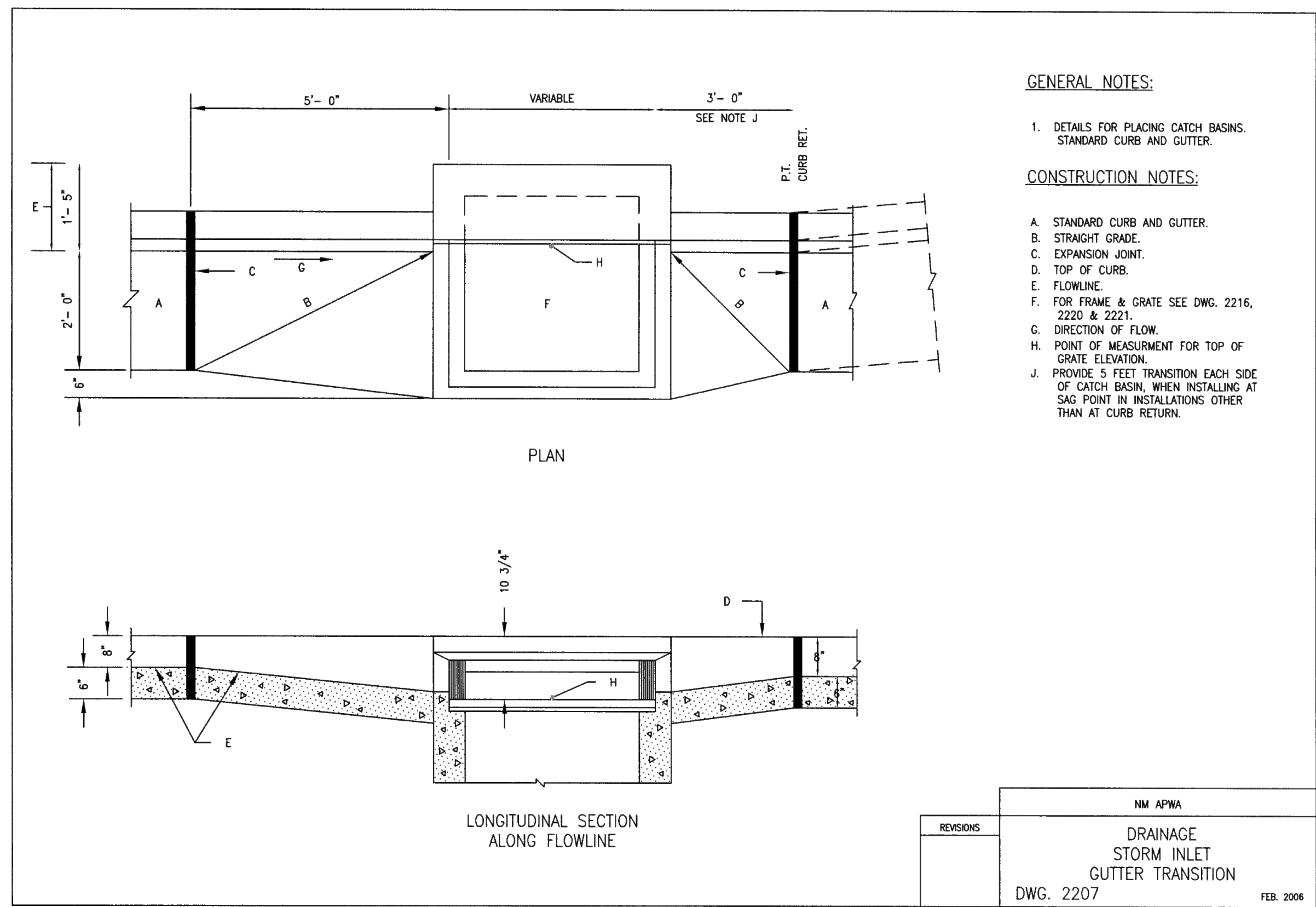
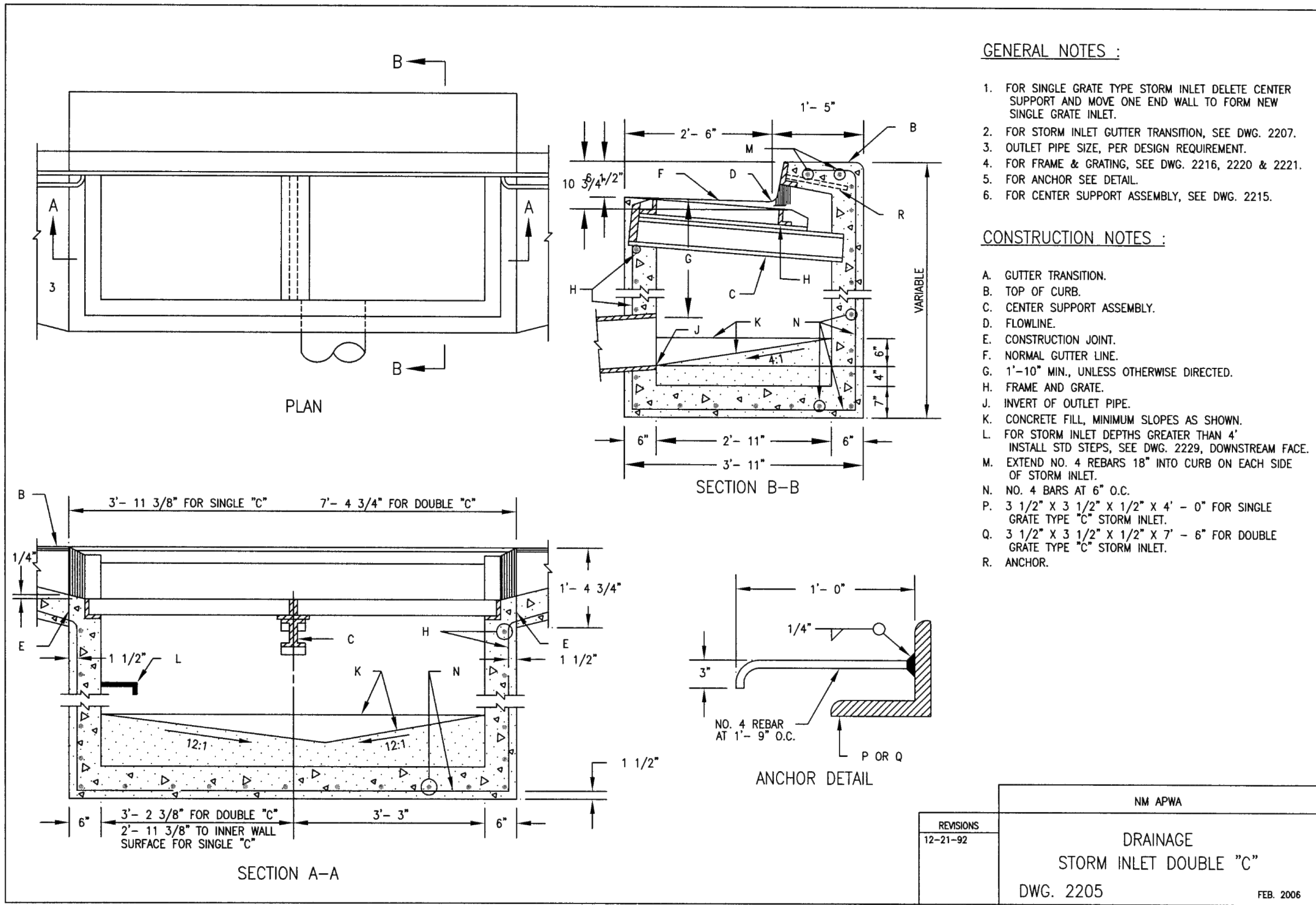
LEGEND:


- EX TOPO CONTOURS
- × 6670.57 EX SPOT ELEVATION
- EX SAN. SEWER MANHOLE
- EX STORM SEWER MANHOLE
- EX STORM SEWER DRAIN
- EX WATERLINE VALVE
- EX SIGN
- EX WATER
- EX SEWER
- EX GAS
- EX COMMUNICATIONS
- EX ELECTRIC
- EX STORM DRAIN

KEY NOTES:

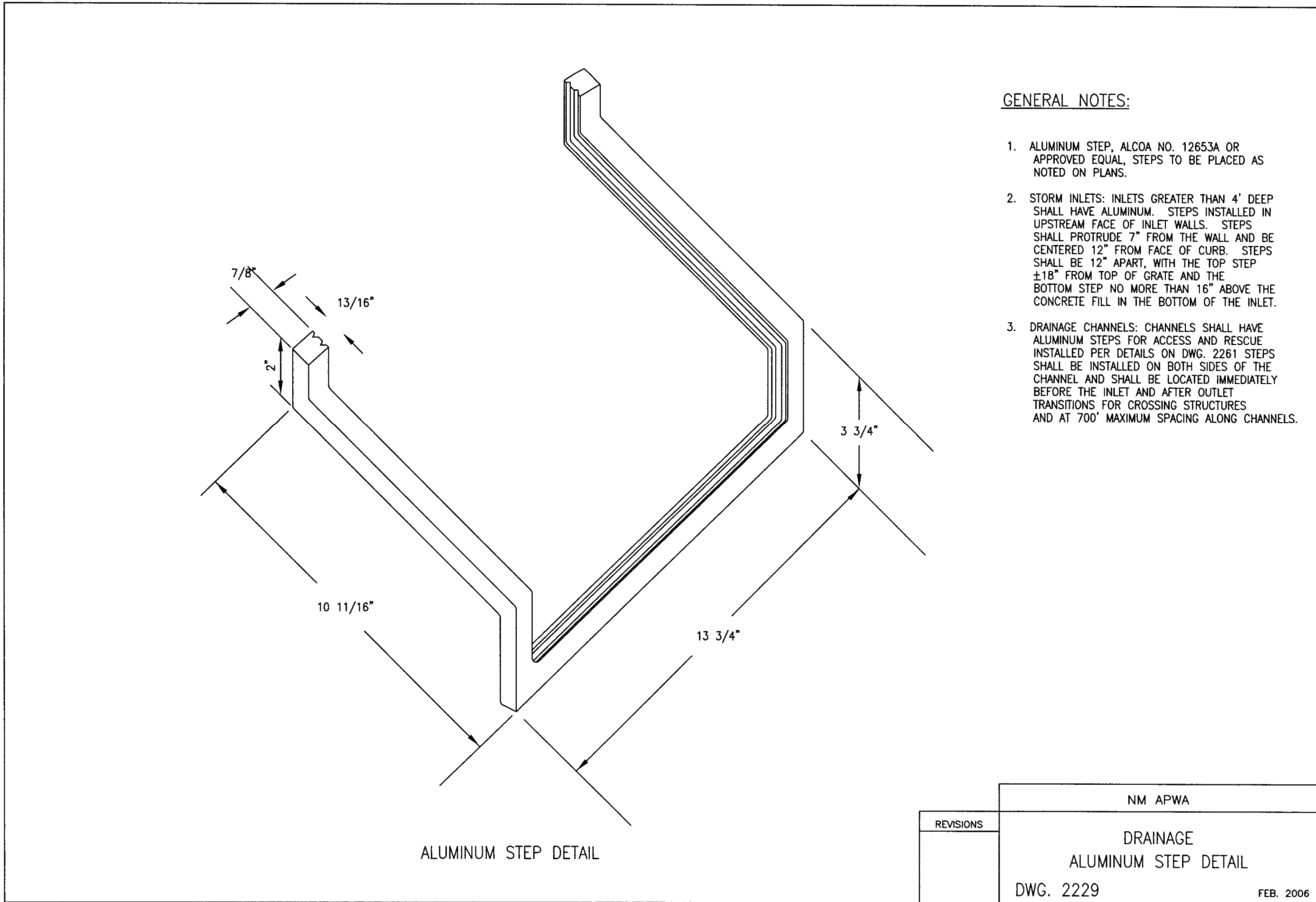
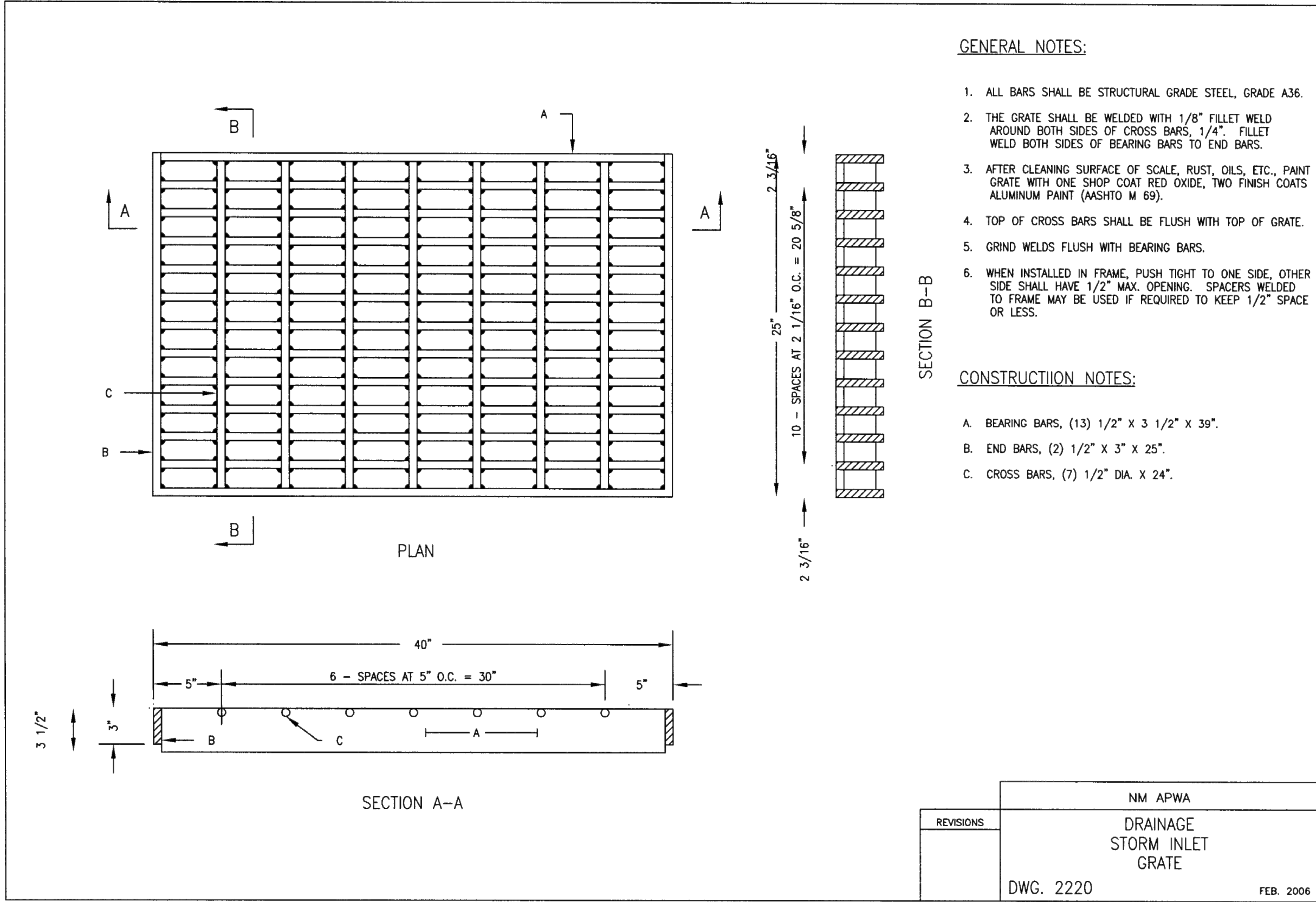
- 1 NOT USED
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- 5 NOT USED
- 6 NOT USED
- 7 REMOVE & REPLACE CONCRETE CURB AND GUTTER WITH TYPE "C" PER NMDOT DWG 609-01-1/1. CURB RETURN RADII SHALL BE 12' AT FACE OF CURB, UNLESS OTHERWISE NOTED ON PLANS.
- 8 NOT USED
- 9 REMOVE & REPLACE WITH CONCRETE CURB RETURN DRIVEPAD PER NMDOT DWG 608-001-9 AND 609-01-1/1. DRIVEWAY WIDTH TO MATCH EXISTING. UNLESS OTHERWISE NOTED ON PLAN, DRIVEWAY LENGTH IS L=12'. MATCH EXISTING CURB RETURN RADII.
- 10 REMOVE & REPLACE 3' WIDE CONCRETE VALLEY GUTTER PER NMDOT DWG 609-01-1/1.
- 11 NOT USED
- 12 NOT USED
- 13 REMOVE & REPLACE ADA PERPENDICULAR CURB RAMP PER NMDOT DWG 608-001-2. WHERE FLARED SIDES ARE PROTECTED FROM CROSS TRAVEL BY LANDSCAPING, CONTRACTOR CAN INSTALL 12"-24" FLARE.
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 NOT USED
- 19 NOT USED

T:\141029 Street Paving\Notes Sld Dwgss.dwg SAVED:3/3/21 PRINTED:3/3/21



Project Number: 141029		<div>NM APWA DRAWINGS</div>		<div>DOWNTOWN RATON INFRASTRUCTURE PROJECT RATON, NEW MEXICO</div>		<div>Designed by: Engineering Analytics, Inc.  219 S. 2nd Street Raton, NM 87240 (975) 445-7192</div>		REVISIONS	
Date: MARCH 5, 2021	Revision: 0							Date: 03-05-2021	Description: ISSUED FOR CONSTRUCTION
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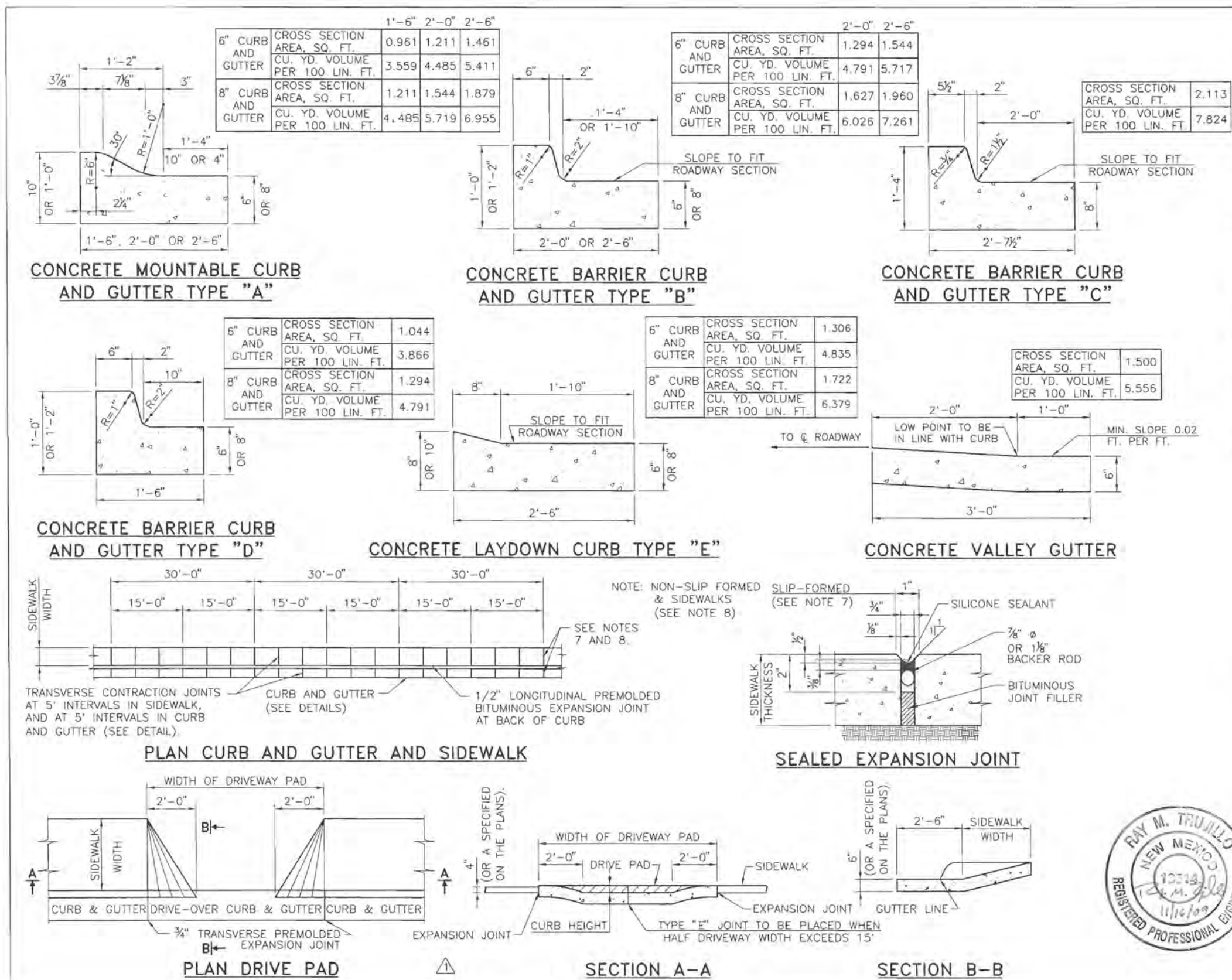
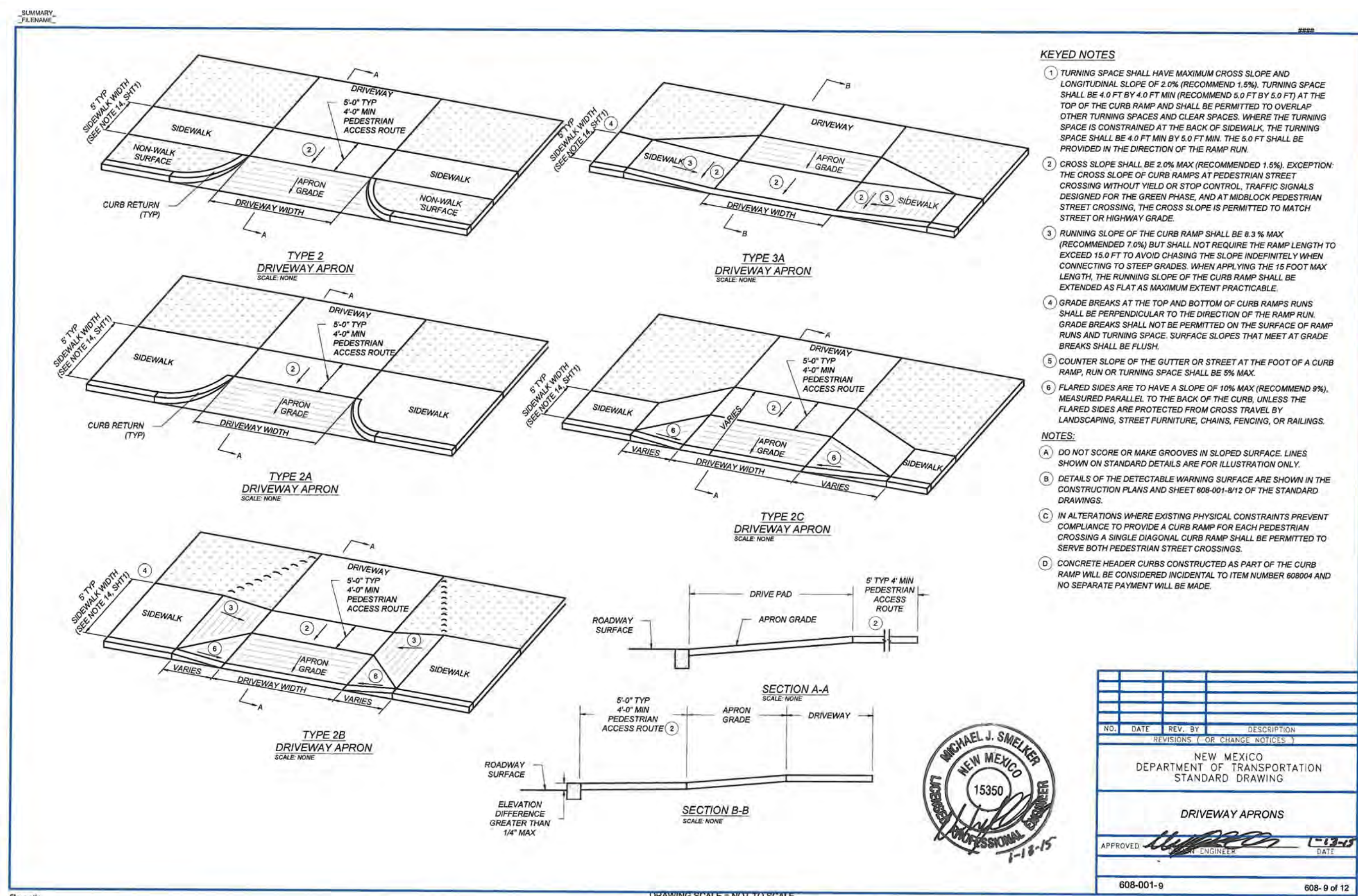
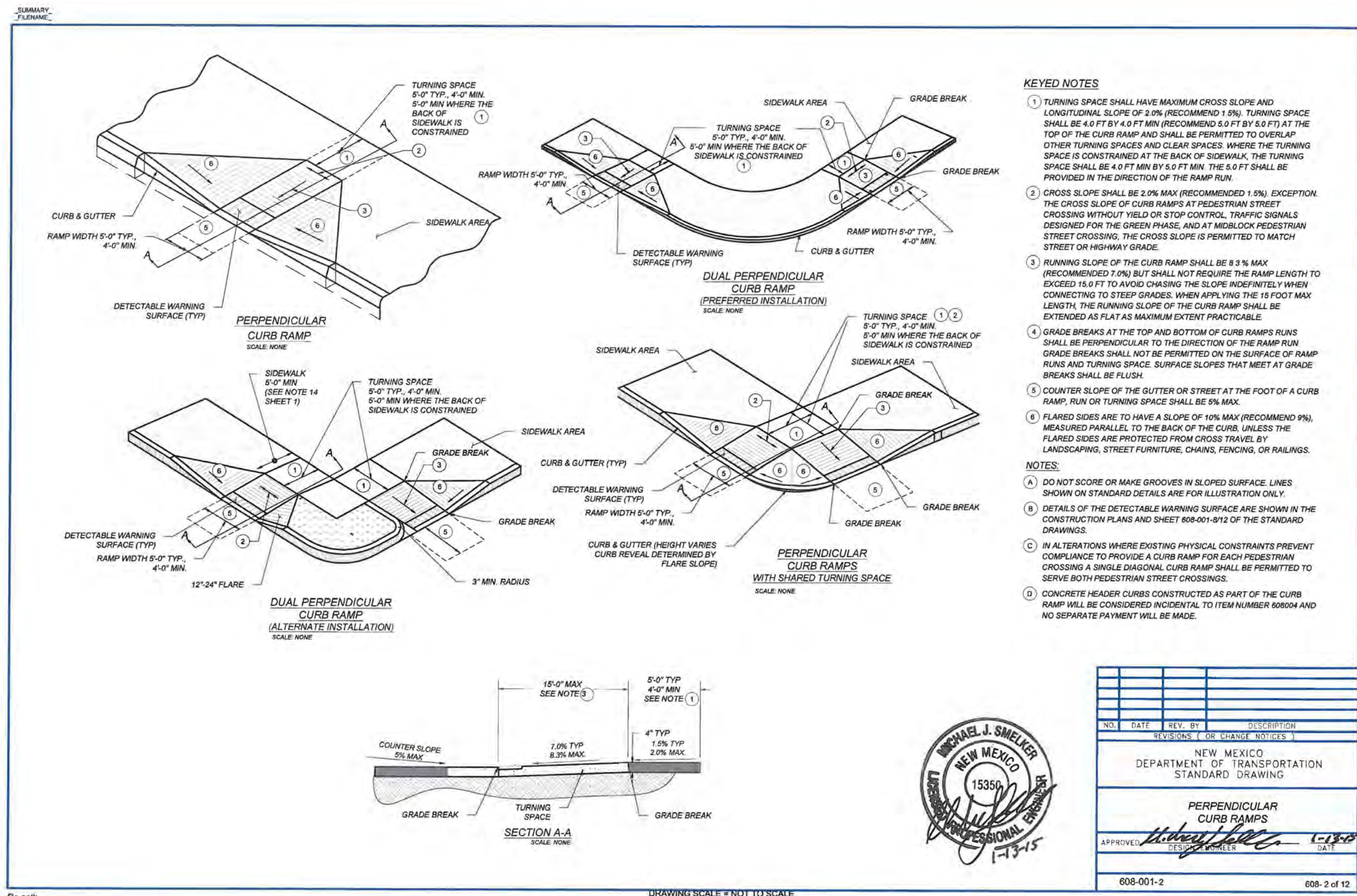
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DOWNTOWN RATON
INFRASTRUCTURE
PROJECT
RATON, NEW MEXICO

NM APWA
DRAWINGS

Project Number: 141029
Date: MARCH 5, 2021
Sheet: D-1.2



REVISIONS				Designed by:	Engineering Analytics, Inc. 210 S. 2nd Street Reno, NV 87740 (575) 445-7192	TLD	KMS
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	03-05-2021	0					
Project Number: 141029				Date: MARCH 5, 2021			
Sheet: D-1.3				NMDOT DRAWINGS			