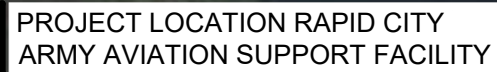


DRAINAGE INSTALL BETWEEN RAMPS AND HANGARS RAPID CITY AASF



C-001	CIVIL NOTES
C-002	CIVIL NOTES
C-101	EXISTING SITE
C-102	EROSION CONTROL
C-103	SITE DEMOLITION
C-104	SITE LAYOUT & ALIGNMENT DATA
C-105	CONSTRUCTION PHASING
C-106	STORM SEWER PLAN & PROFILE
C-107	STORM SEWER PLAN & PROFILE
C-501	STANDARD DETAILS
C-502	STANDARD DETAILS
C-503	STANDARD DETAILS
C-504	STANDARD DETAILS

SHEET ID
G-001

GENERAL SYMBOLOGY

SHEET NAMING CONVENTION

ARROW INDICATES DIRECTION OF PLAN NORTH

N

NORTH ARROW

PLAN

1/4" = 1'-0"

PLAN TITLE

SECTION LETTER

ARROW INDICATES DIRECTION OF SECTION CUT

X

XXX

SHEET WHERE SECTION IS LOCATED

FULL BUILDING SECTION CUT MARKER

SECTION LETTER

FLAG INDICATES DIRECTION OF SECTION CUT

X

XXX

SHEET WHERE SECTION IS LOCATED

SECTION CUT MARKER

SECTION LETTER

SECTION

3/8" = 1'-0"

X

XXX

SHEET WHERE SECTION VIEW IS FIRST CUT *

SECTION TITLE

DETAIL NUMBER

#

XXX

SHEET WHERE DETAIL IS LOCATED *

DETAIL MARKER

FOR REFERENCING DETAILS INCLUDED IN DRAWING SET.

XXXXXX

DETAIL MARKER

FOR REFERENCING DETAILS BOUND IN SPECIFICATIONS OR SEPARATE VOLUME.

DETAIL NUMBER

DETAIL

1/4" = 1'-0"

X

XXX

SHEET WHERE DETAIL IS LOCATED *

DETAIL TITLE

Diagram illustrating the placement of a single elevation or photo marker on a drawing.

The diagram shows two views: INTERIOR and EXTERIOR.

Labels and arrows:

- ARROW INDICATES POINT OF VIEW (points to the triangle on the EXTERIOR view)
- ELEVATION NUMBER (points to the 'X' inside the triangle on the EXTERIOR view)
- SHEET WHERE ELEVATION IS LOCATED * (points to the 'XXX' in the EXTERIOR view)

SINGLE ELEVATION OR PHOTO MARKER

ELEVATION NUMBER

ARROW INDICATES POINT OF VIEW ELEVATION

INDICATES SHEET WHERE ELEVATION IS LOCATED

MULTIPLE ELEVATION OR PHOTO MARKER

The diagram illustrates the components of an elevation marker. It features a circle on the left containing an 'X' above 'XXX'. A horizontal line extends from the circle to the right, with the text '3" = 1'-0"' written below it. Above the circle, the text 'ELEVATION IDENTIFICATION NUMBER' is connected by a line. To the right of the horizontal line, the word 'ELEVATION' is written in large, bold, capital letters. Below the horizontal line, the text 'SHEET WHERE POINT OF VIEW MARKER CAN BE FOUND *' is written. At the bottom, the words 'ELEVATION TITLE' are written in bold, capital letters.

TARGET ELEVATION

	ROOM NAME
	ROOM NUMBER
	DOOR NUMBER
	COLUMN GRID LINE
	WALL TYPE
	WINDOW TYPE
	LOUVER

 KEY NOTE NUMBER

— — — — — COLUMN GRID LINE/CENTERLINE

COLUMN GRID LINE/CENTERLINE

EQUIPMENT IDENTIFICATION

ALTERNATIVE 1

FIGURE

NPWP23

EXAMPLE

SERVICE ABBREVIATION	INDICATES NON-POTABLE WATER
EQUIPMENT ABBREVIATION	INDICATES PUMP
BUILDING OR STRUCTURE NUMBER	BUILDING 20
EQUIPMENT NUMBER	PUMP 23

ALTERNATIVE 2

FIGURE

NPWP-23

EXAMPLE

SERVICE ABBREVIATION	INDICATES NON-POTABLE WATER
EQUIPMENT ABBREVIATION	INDICATES PUMP
EQUIPMENT NUMBER	PUMP 23

G	GENERAL
V	SURVEYING/MAPPING
X	DEMOLITION
C	CIVIL
L	LANDSCAPING
U	MULTI-DISCIPLINE
S	STRUCTURAL
A	ARCHITECTURAL
D	PROCESS
M	MECHANICAL (HVAC)
P	PLUMBING
F	FIRE PROTECTION
E	ELECTRICAL
Y	INSTRUMENTATION

0	GENERAL (SYMBOLS, LEGENDS)
1	PLANS
2	ELEVATIONS
3	SECTIONS
4	LARGE SCALE VIEWS
5	DETAILS
6	SCHEDULES AND DIAGRAMS
8	PROFILES
9	3D REPRESENTATIONS

GRAVITY THICKENER ARCHITECTURAL SECTION, SHEET 01

0	2					AREA 02
AREA DESIGNATION						
		A				ARCHITECTURAL DISCIPLINE
DISCIPLINE DESIGNATOR						
			3			SECTION SHEET TYPE
SHEET TYPE DESIGNATOR						
				0	1	SHEET NUMBER 01
SHEET NUMBER						
0	2	A	3	0	1	SAMPLE SHEET NUMBER

1. THIS IS A STANDARD SHEET SHOWING COMMON SYMBOLLOGY. ALL SYMBOLS ARE NOT NECESSARILY USED ON THIS PROJECT.
2. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE PROPOSED IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH SHEET FOR USAGE.

[illegible]

LINDSAY SHAGLA					
LINDSAY SHAGLA	CHECKED BY:	PROJECT NO.:	CFMO NO.:	FILE NAME	
DRAWN BY:	CHRIS BAILEY	10382814	467074	ANSI D	G-003.DWG
SUBMITTED BY:	CHRIS BAILEY	SCALE		SIZE:	
NO SCALE					

South Dakota Army National Guard
Rapid City Army Aviation Support Facility
Rapid City, South Dakota

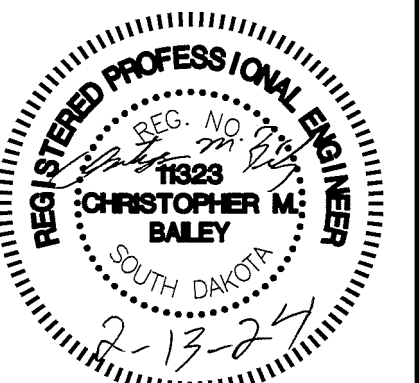


Drainage Install Between Ramps and Hangars Rapid City AASF
South Dakota Army National Guard
CFMO #467074

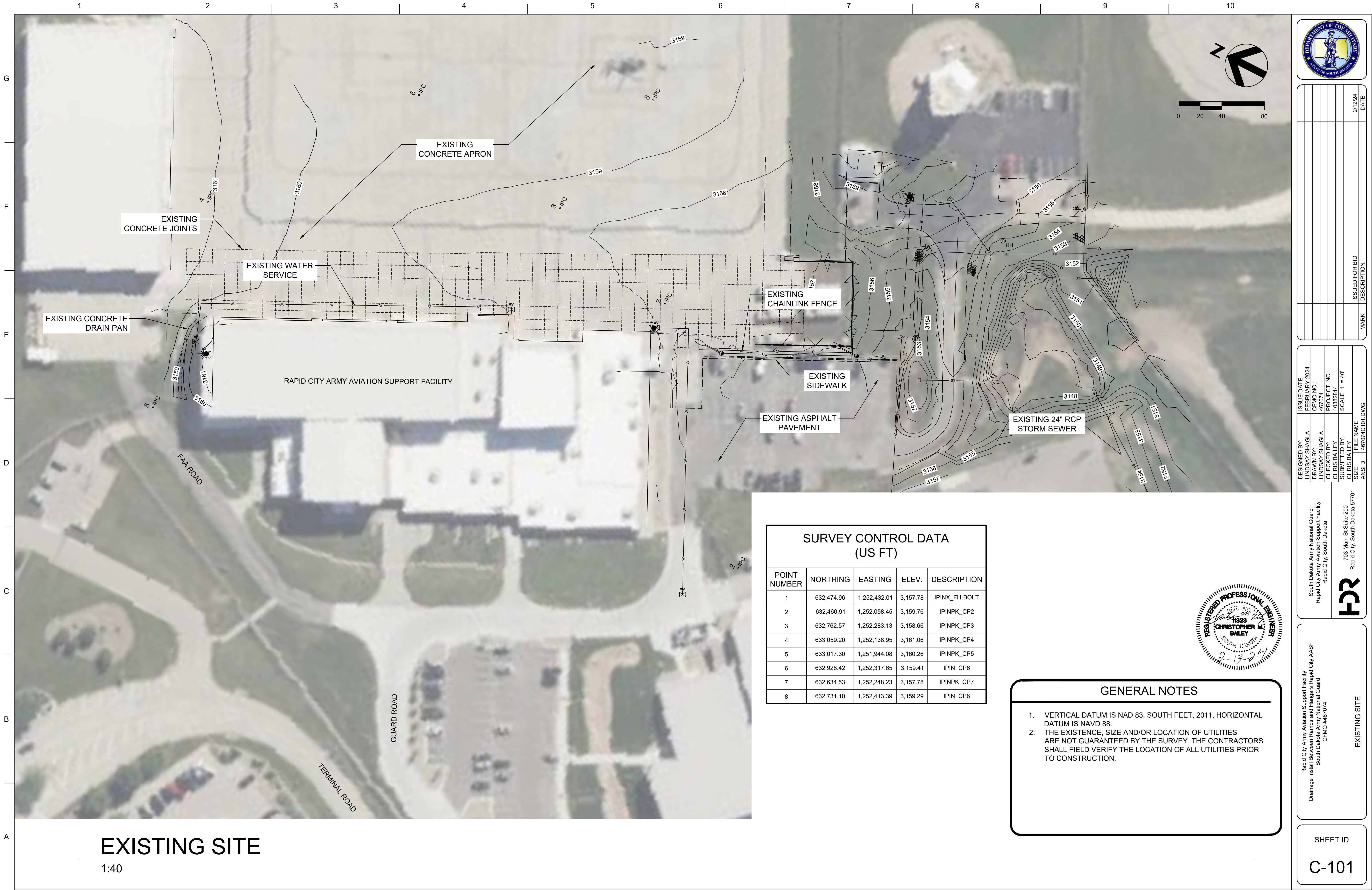
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SHEET ID

G-003



[illegible]



DATE	2/12/24
ISSUED FOR BID	
DESCRIPTION	
MARK	

DESIGNED BY: LINDSAY SHAGLA	ISSUE DATE: FEBRUARY 2024
DRAWN BY: LINDSAY SHAGLA	CFMO NO.: 467074
CHECKED BY: CHRIS BAILEY	PROJECT NO.: 10382814
SUBMITTED BY: CHRIS BAILEY	SCALE: 1" = 40'
ANSI D FILE NAME 467074C101.DWG	

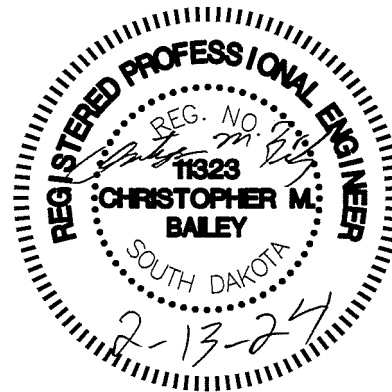
South Dakota Army National Guard Rapid City Army Aviation Support Facility Rapid City, South Dakota	703 Main St Suite 200 Rapid City, South Dakota 57701
PC	

Rapid City Army Aviation Support Facility Drainage Install Between Ramps and Hangars Rapid City AASF South Dakota Army National Guard CFMO #467074	EXISTING SITE
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SHEET ID	C-101
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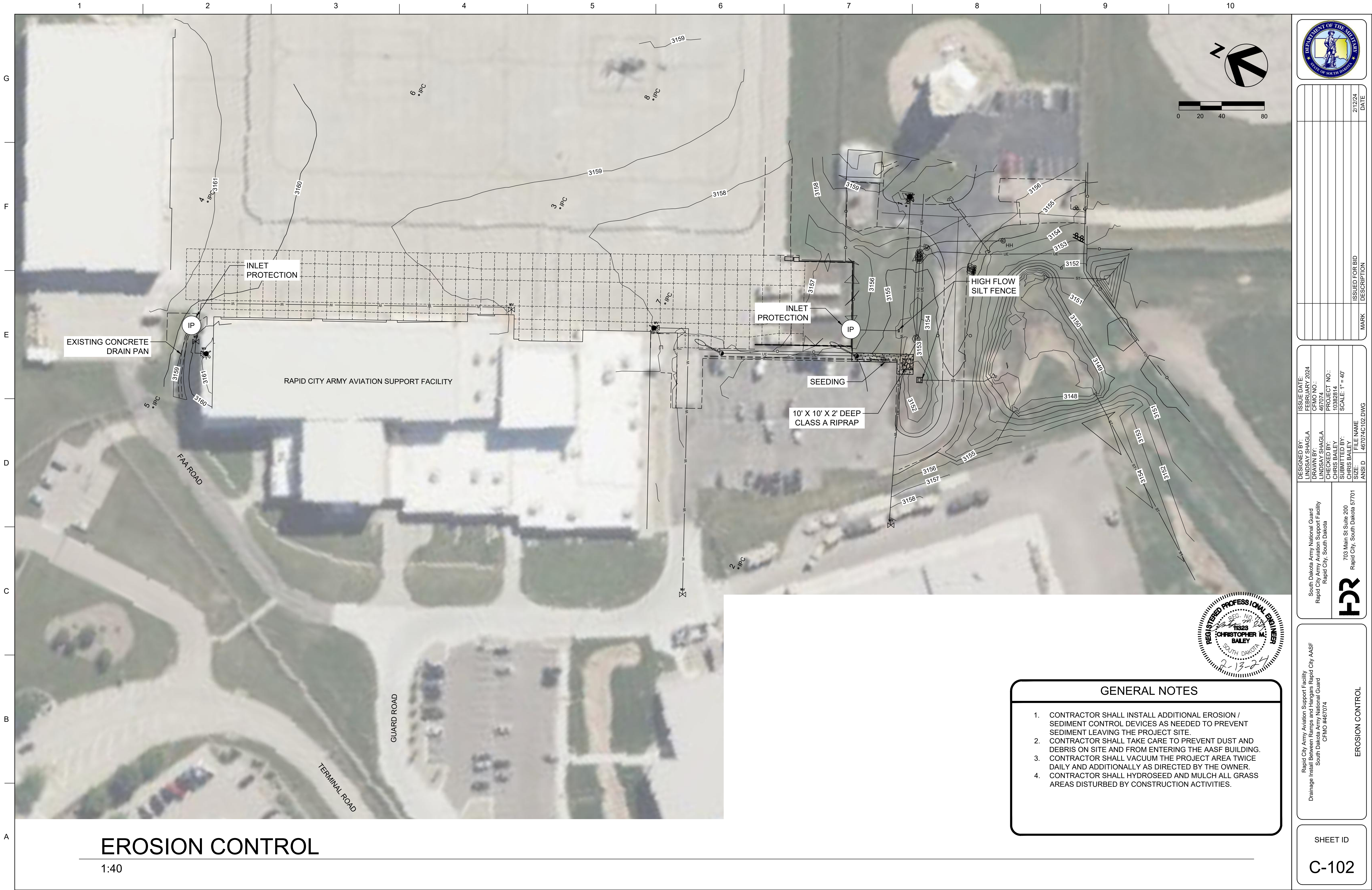
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(US FT)

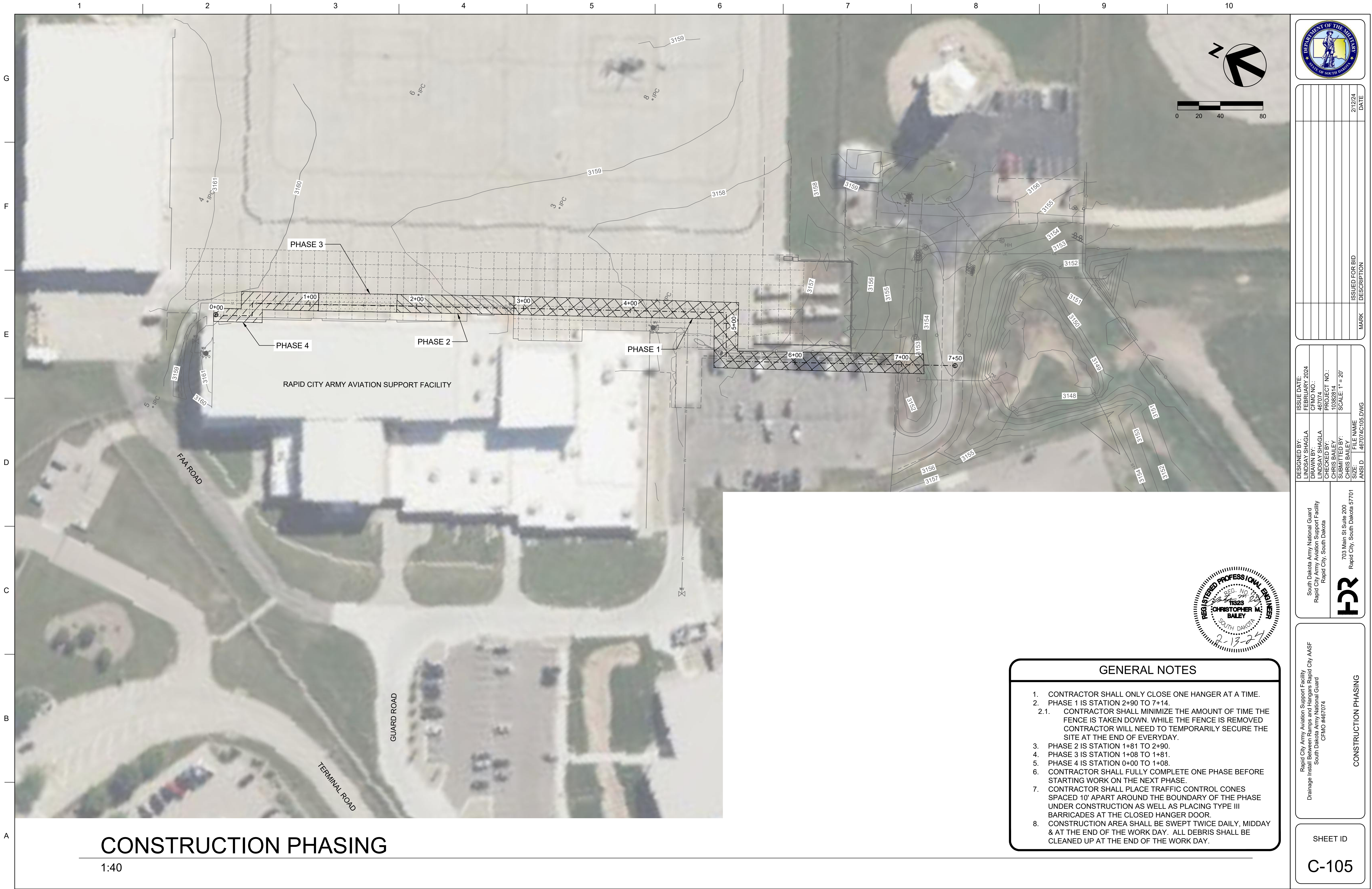
POINT NUMBER	NORTHING	EASTING	ELEV.	DESCRIPTION
1	632,474.96	1,252,432.01	3,157.78	IPINX_FH-BOLT
2	632,460.91	1,252,058.45	3,159.76	IPINPK_CP2
3	632,762.57	1,252,283.13	3,158.66	IPINPK_CP3
4	633,059.20	1,252,138.95	3,161.06	IPINPK_CP4
5	633,017.30	1,251,944.08	3,160.26	IPINPK_CP5
6	632,928.42	1,252,317.65	3,159.41	IPIN_CP6
7	632,634.53	1,252,248.23	3,157.78	IPINPK_CP7
8	632,731.10	1,252,413.39	3,159.29	IPIN_CP8



GENERAL NOTES

- VERTICAL DATUM IS NAD 83, SOUTH FEET, 2011, HORIZONTAL DATUM IS NAVD 88.
- THE EXISTENCE, SIZE AND/OR LOCATION OF UTILITIES ARE NOT GUARANTEED BY THE SURVEY. THE CONTRACTORS SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.





CONSTRUCTION PHASING

1:40



GENERAL NOTES

- CONTRACTOR SHALL ONLY CLOSE ONE HANGER AT A TIME.
- PHASE 1 IS STATION 2+90 TO 7+14.
 - CONTRACTOR SHALL MINIMIZE THE AMOUNT OF TIME THE FENCE IS TAKEN DOWN. WHILE THE FENCE IS REMOVED CONTRACTOR WILL NEED TO TEMPORARILY SECURE THE SITE AT THE END OF EVERYDAY.
- PHASE 2 IS STATION 1+81 TO 2+90.
- PHASE 3 IS STATION 1+08 TO 1+81.
- PHASE 4 IS STATION 0+00 TO 1+08.
- CONTRACTOR SHALL FULLY COMPLETE ONE PHASE BEFORE STARTING WORK ON THE NEXT PHASE.
- CONTRACTOR SHALL PLACE TRAFFIC CONTROL CONES SPACED 10' APART AROUND THE BOUNDARY OF THE PHASE UNDER CONSTRUCTION AS WELL AS PLACING TYPE III BARRICADES AT THE CLOSED HANGER DOOR.
- CONSTRUCTION AREA SHALL BE SWEEPED TWICE DAILY, MIDDAY & AT THE END OF THE WORK DAY. ALL DEBRIS SHALL BE CLEANED UP AT THE END OF THE WORK DAY.



ISSUED FOR BID	MARK	DESCRIPTION	DATE
			2/12/24

DESIGNED BY: LINDSAY SHAGLA	ISSUE DATE: FEBRUARY 2024
DRAWN BY: LINDSAY SHAGLA	CFMO NO.: 467074
CHECKED BY: CHRIS BAILEY	PROJECT NO.: 10382814
SUBMITTED BY: CHRIS BAILEY	SCALE: 1" = 20'
SIZE: ANSI D	FILE NAME: 467074C105.DWG

South Dakota Army National Guard
Rapid City Army Aviation Support Facility
Rapid City, South Dakota

703 Main St Suite 200
Rapid City, South Dakota 57701

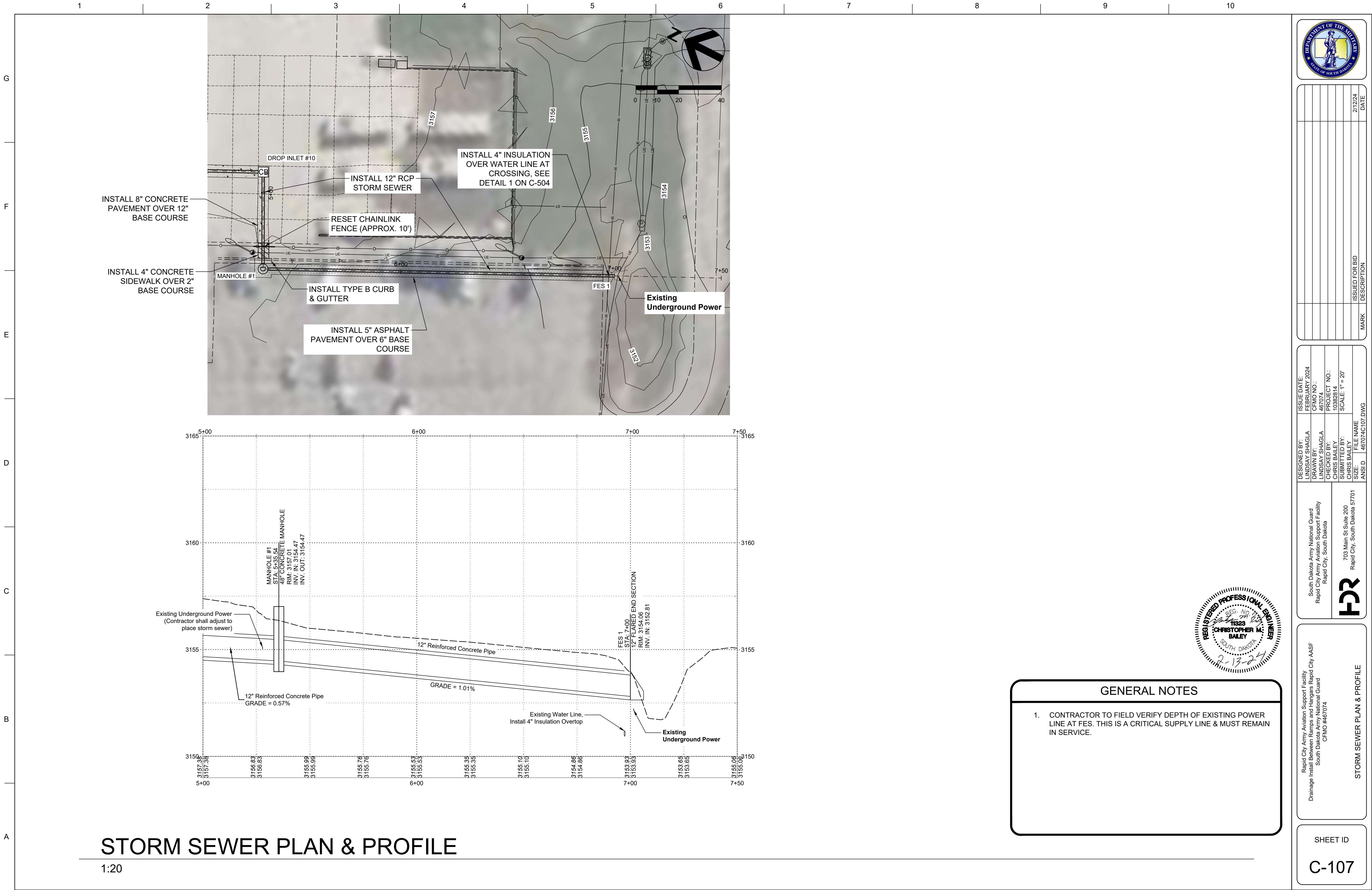
CDR

Rapid City Army Aviation Support Facility
Drainage Install Between Ramps and Hangars Rapid City AASF
South Dakota Army National Guard
CFMO #467074

CONSTRUCTION PHASING

SHEET ID

C-105



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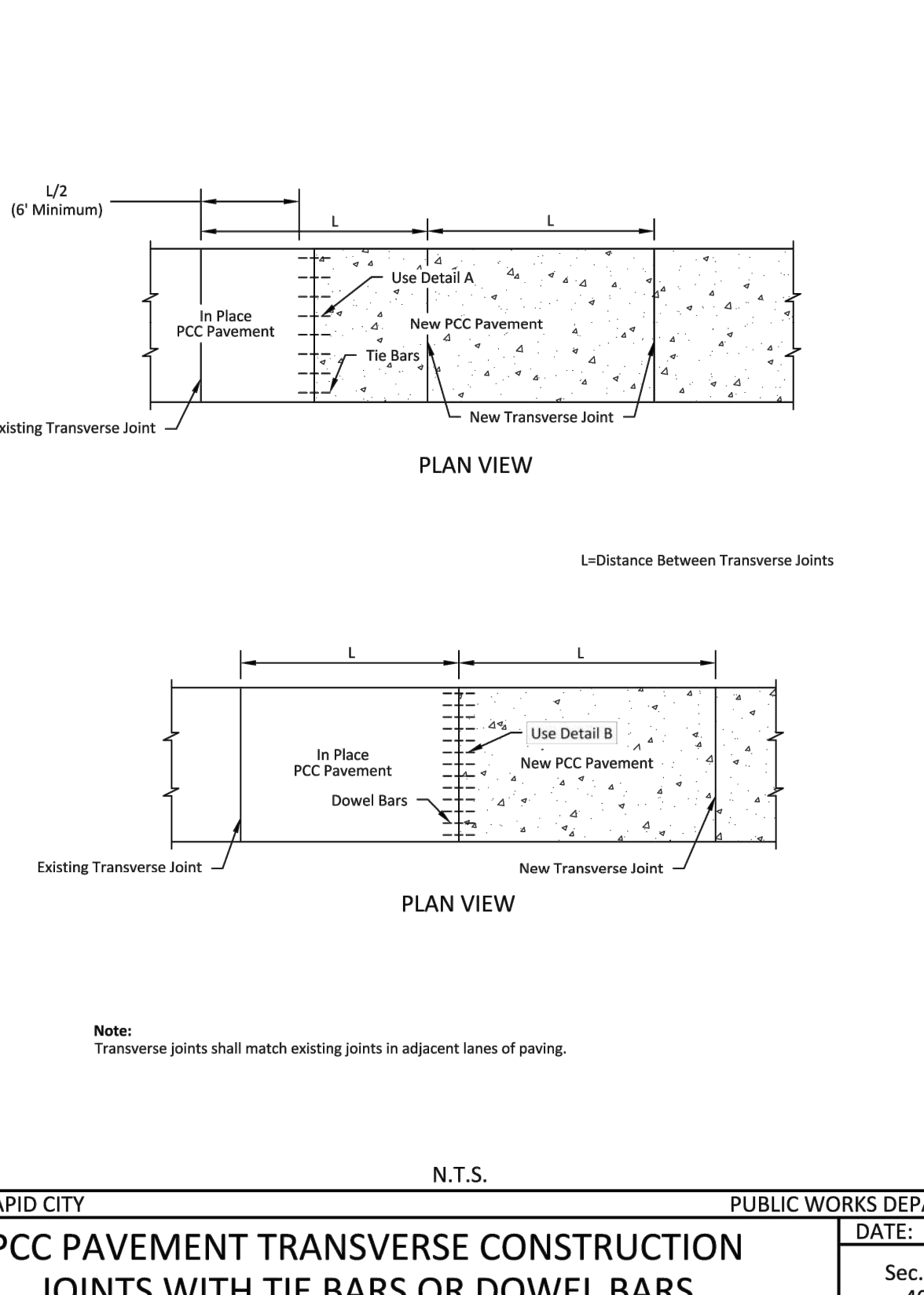
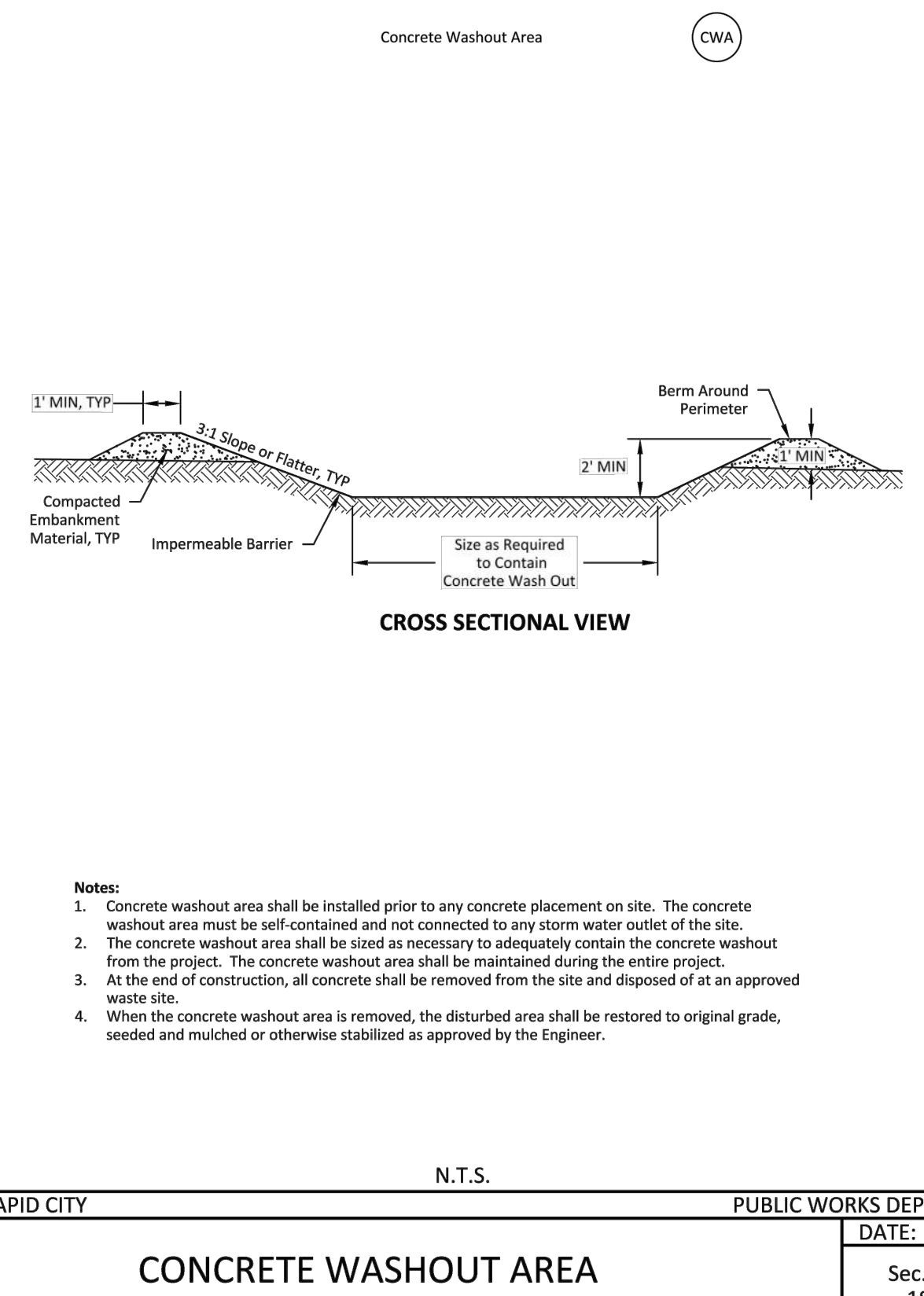
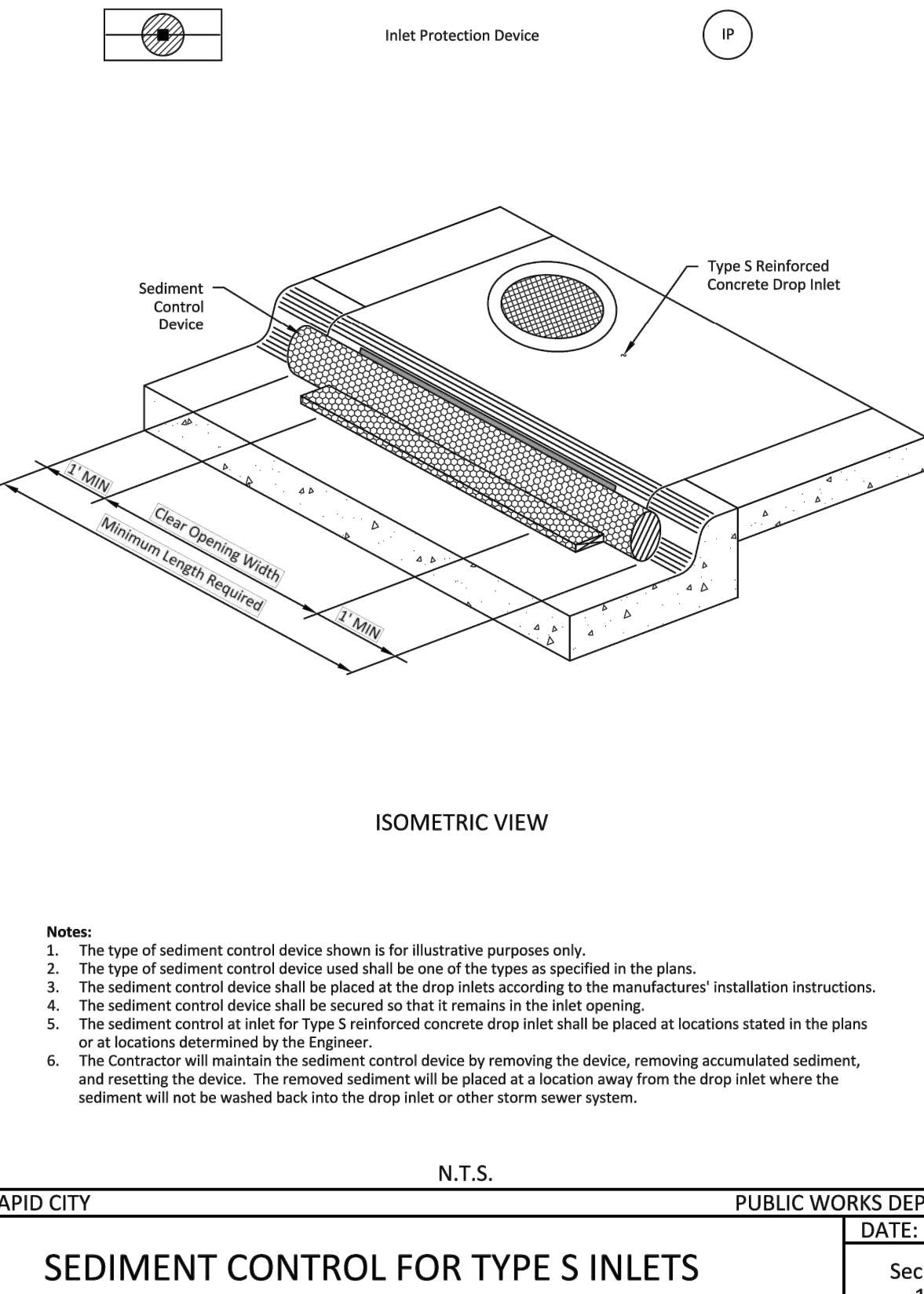
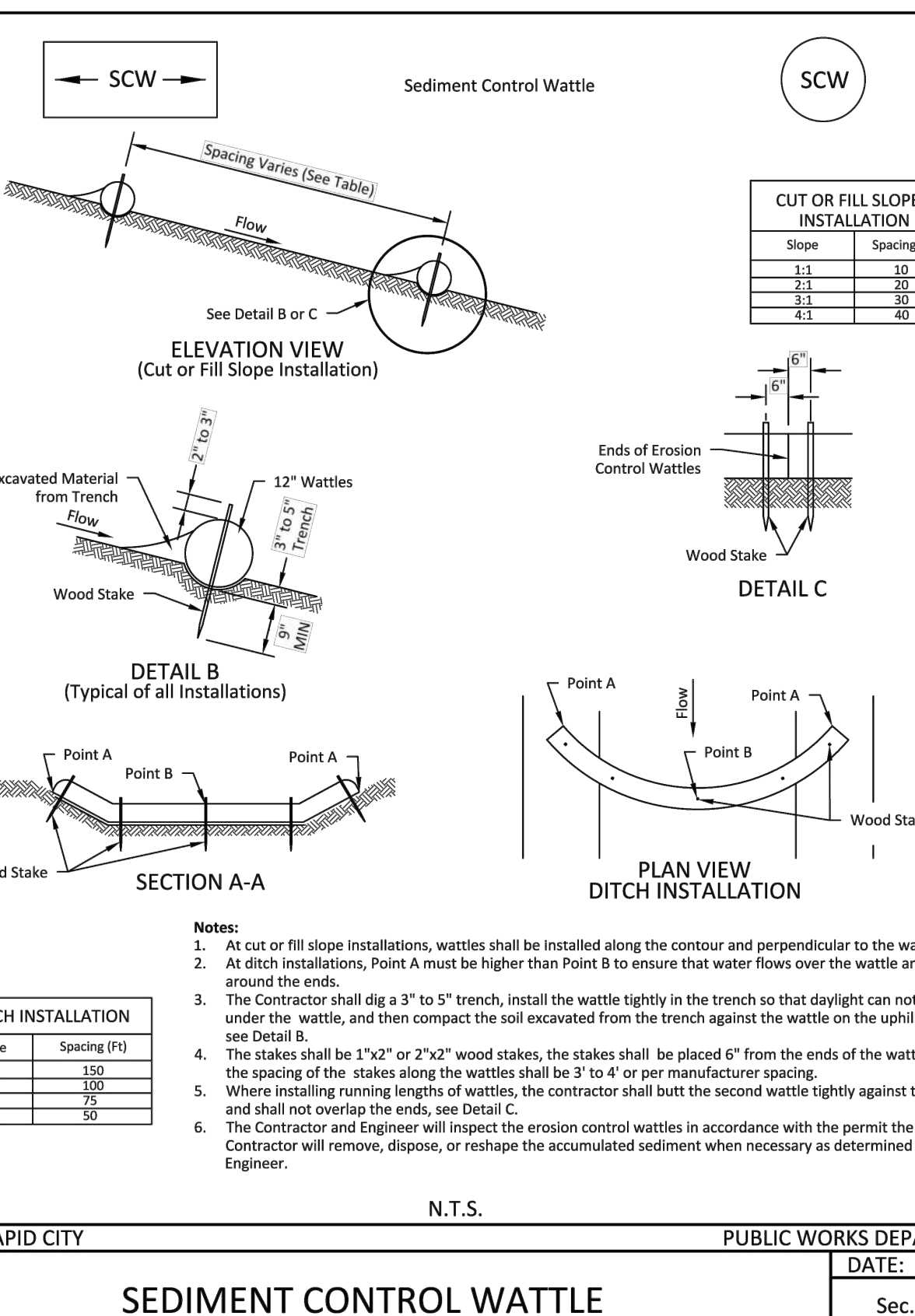
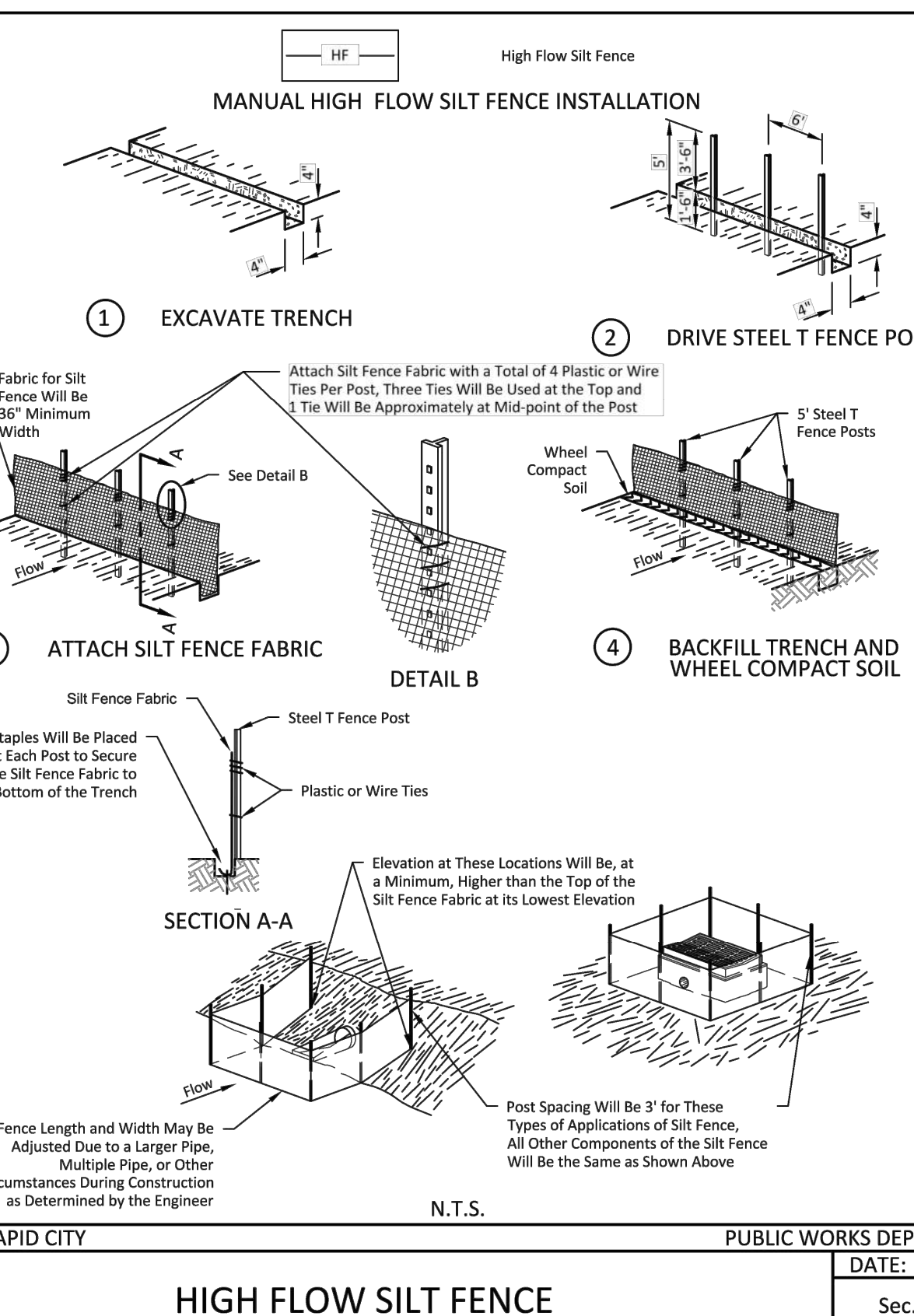
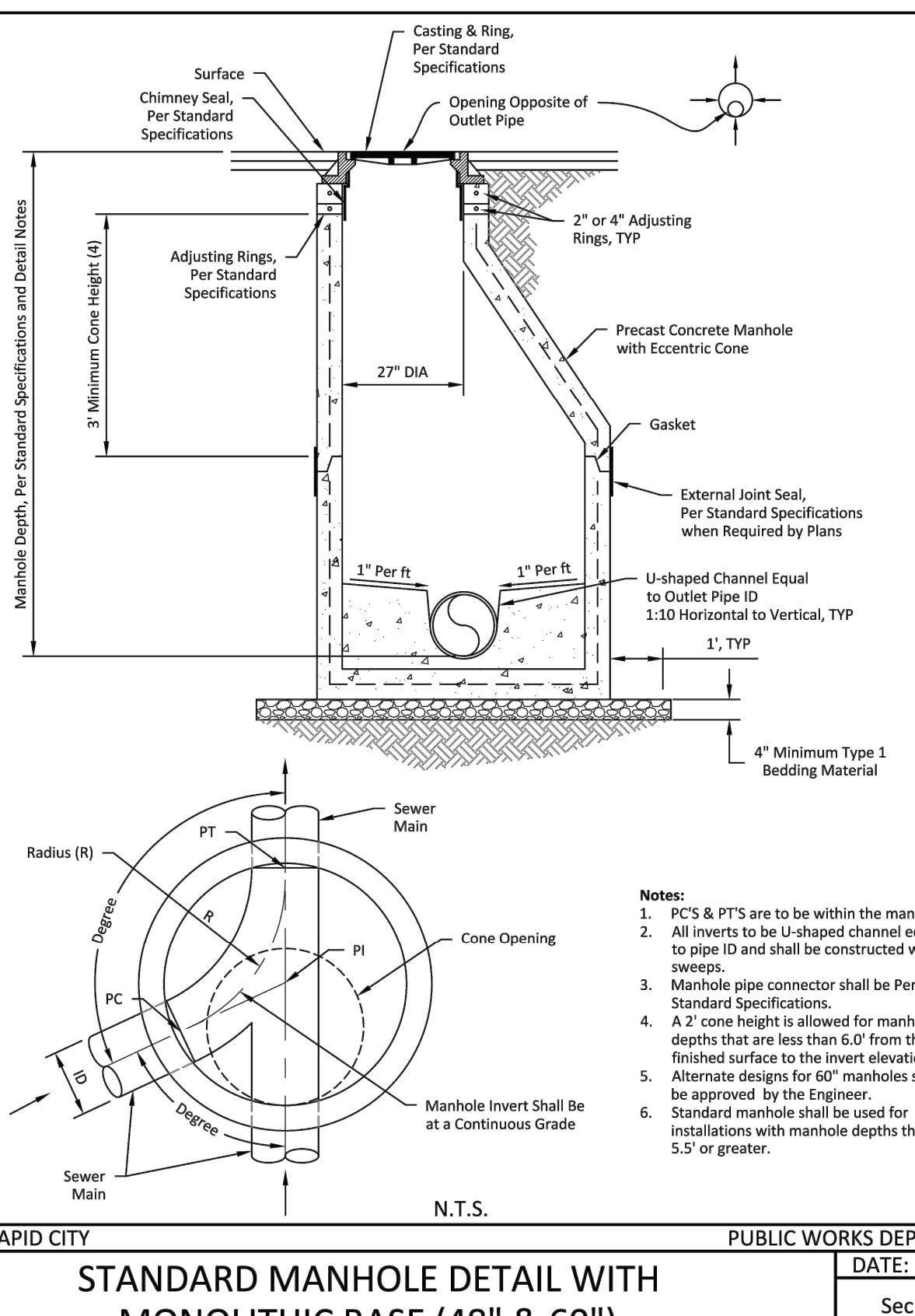
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LINDSAY SHAGLA	FILE NAME
DRAWN BY: LINDSAY SHAGLA	ANSI D 467074C501.DWG
CHECKED BY: CHRIS BAILEY	
SUBMITTED BY: CHRIS BAILEY	
SCALE: NA	
PROJECT NO.: 10382814	
CWFO NO.: 467074	
FEBRUARY 2024	

South Dakota Army National Guard
Rapid City Army Aviation Support Facility
Rapid City, South Dakota

703 Main St Suite 200
Rapid City, South Dakota 57701



Drainage Install Between Ramps and Hangars Rapid City AASF
South Dakota Army National Guard
CFMO #467074

STANDARD DETAILS

SHEET ID

C-501

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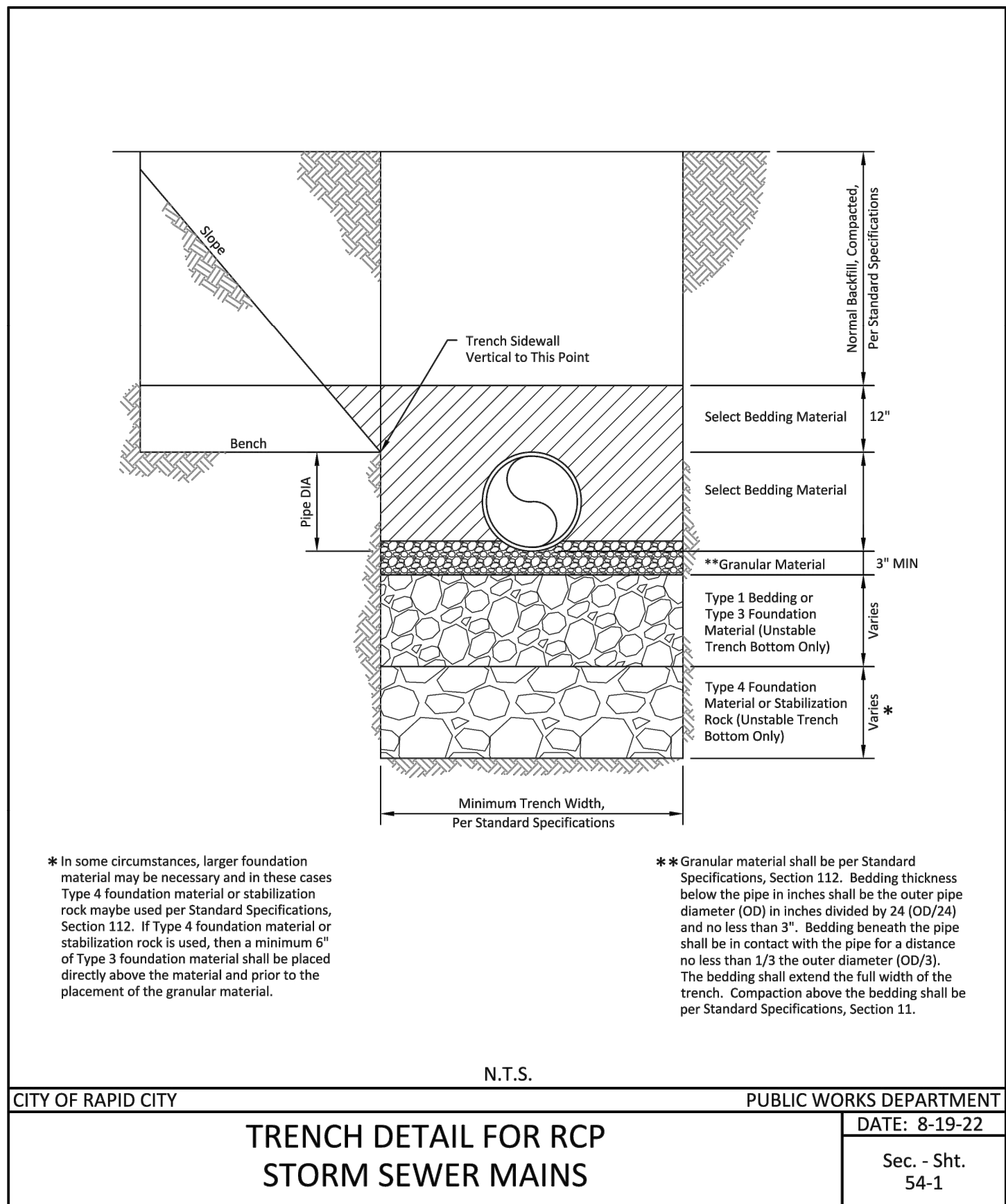
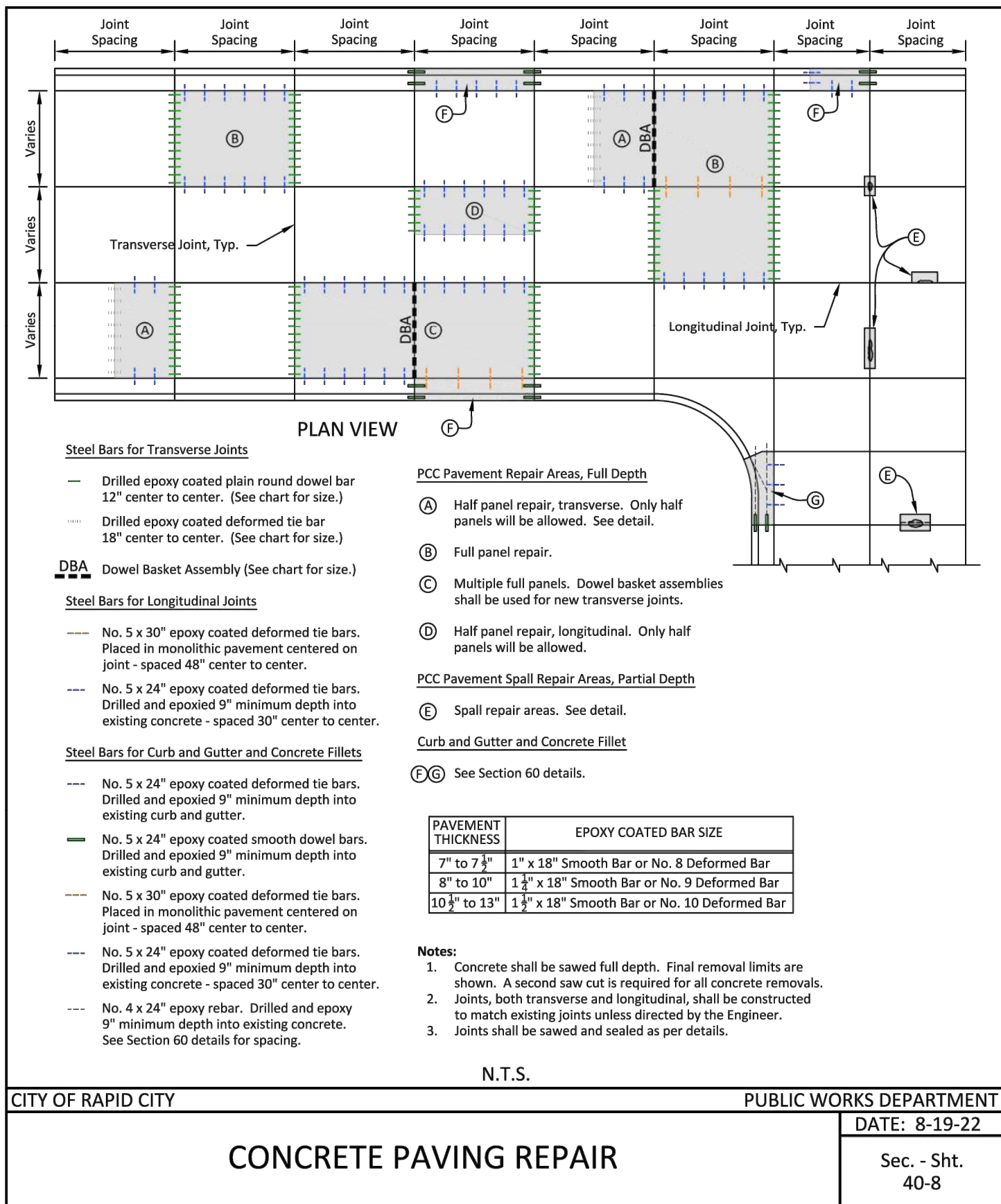
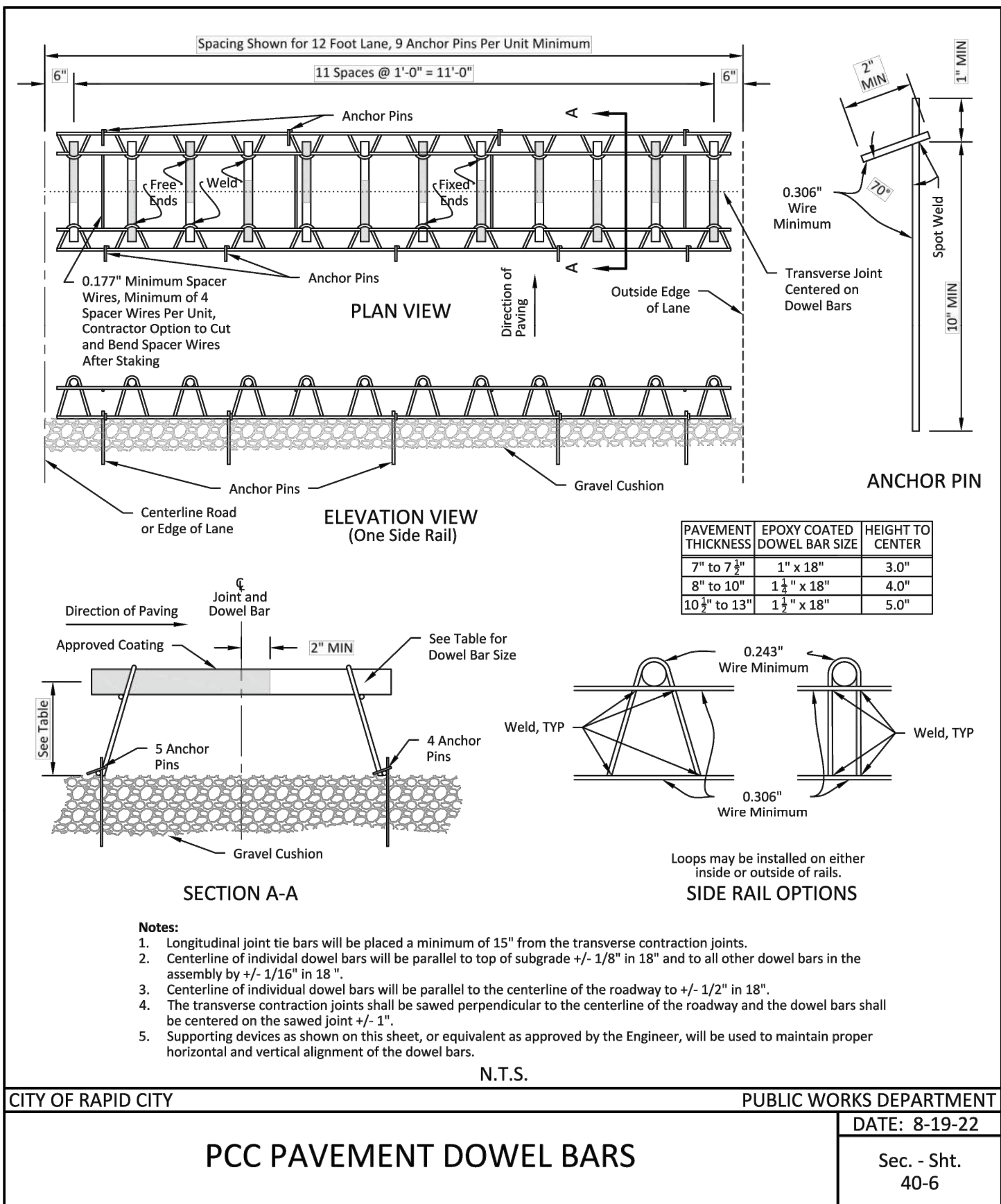
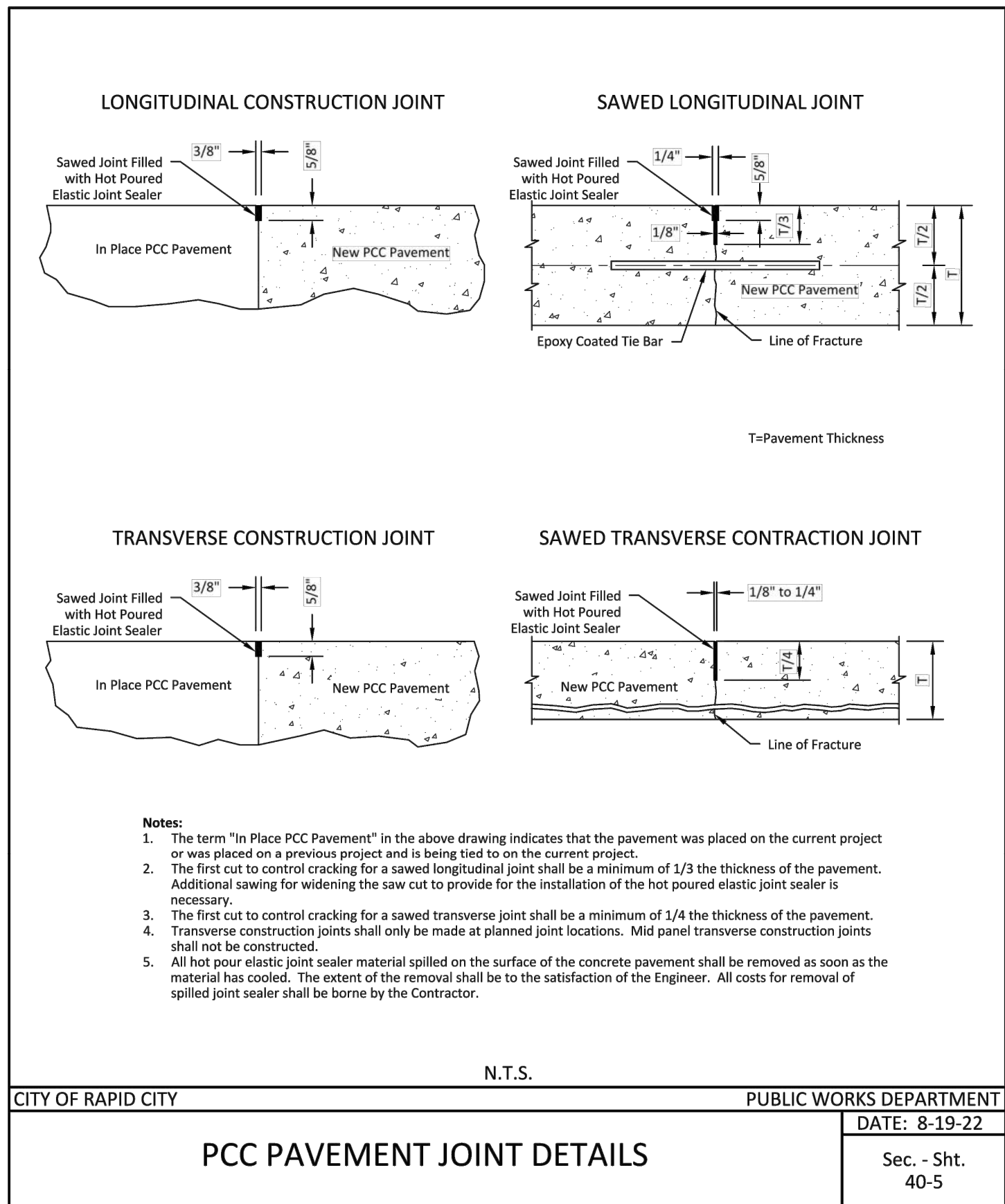
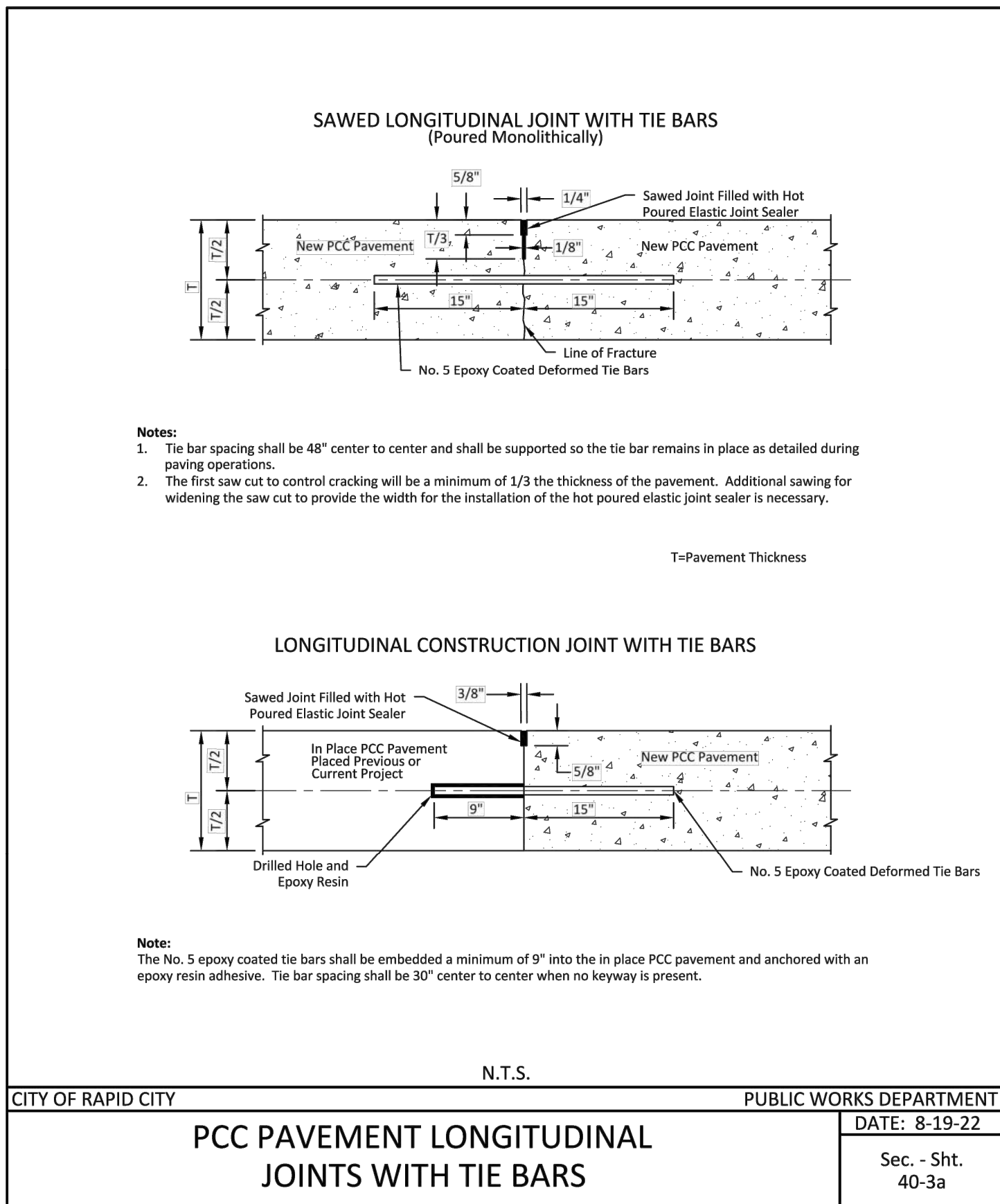
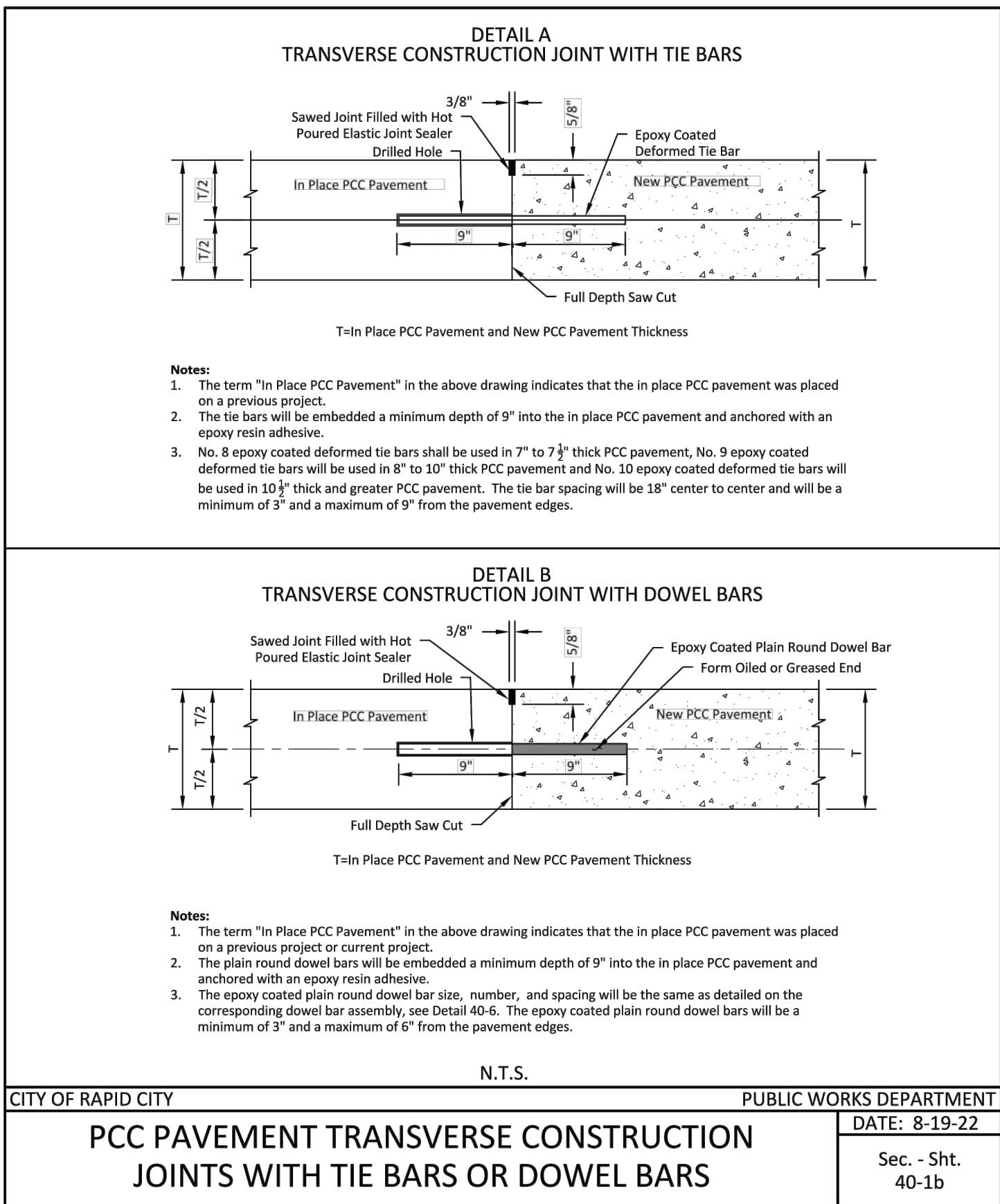
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ISSUED FOR BID	DATE
2/12/24	
DESCRIPTION	
MARK	

DESIGNED BY: LINDSAY SHAGLA	ISSUE DATE: FEBRUARY 2024
DRAWN BY: LINDSAY SHAGLA	CFMO NO.: 467074
CHECKED BY: CHRIS BAILEY	PROJECT NO.: 10382814
SUBMITTED BY: CHRIS BAILEY	SCALE: NA
SIZE: ANSI D	FILE NAME: 467074C502.DWG

South Dakota Army National Guard Rapid City Army Aviation Support Facility Rapid City, South Dakota CFMO #467074	703 Main St Suite 200 Rapid City, South Dakota 57701
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Rapid City Army Aviation Support Facility Drainage Install Between Ramps and Hangars Rapid City AASF South Dakota AMO #467074	SHEET ID C-502
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STANDARD DETAILS

