



E & A CONSULTING GROUP, INC.

Engineering Answers

10909 Mill Valley Road, Suite 100 • Omaha, NE 68154-3950
P 402.895.4700 • F 402.895.3599
www.eacg.com

Dear Homeowner:

The SID has contracted concrete work to be done on the streets in your SID. A contractor will be on site to do work which includes removing the existing concrete that is damaged and replacing it with new pavement.

Throughout the course of this project, there could be some minimal damage done to yards and or sprinkler systems. The contractor that is on site will be responsible for replacing any damaged sprinkler lines and/or heads. They will also be replacing any sod that is torn up while on site. Once the new sod is laid, it will be the responsibility of the homeowner at each lot to water the new sod until it has re-established itself.

Before starting the work on site, each contractor must put in a call and have all the utilities in the area located. You might notice some areas in your yard that have been flagged and/or spray painted. This does not indicate the area in which they will be working. It is just to give them an idea of what kind of utilities are in the area that could possibly be hit while the contractor is on site working.

All work that is completed in public Right-of-Way and follow City of Omaha and Sarpy County specifications.

The work in your SID should not take longer than 30 days to complete. Please let me know if you have any questions or concerns on this at all.

Thank You,

A handwritten signature in black ink, appearing to read 'Chris Anderson', written over a horizontal line.

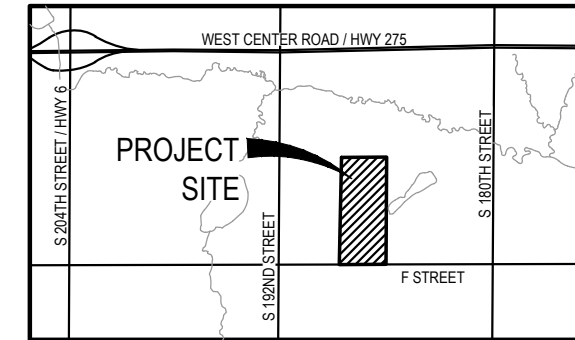
Chris Anderson
Construction Administration Tech.
Engineering Answers...by transforming concepts into reality
E & A Consulting Group, Inc.
10909 Mill Valley Road, Suite 100 • Omaha, NE 68154
402.895.4700 (o)
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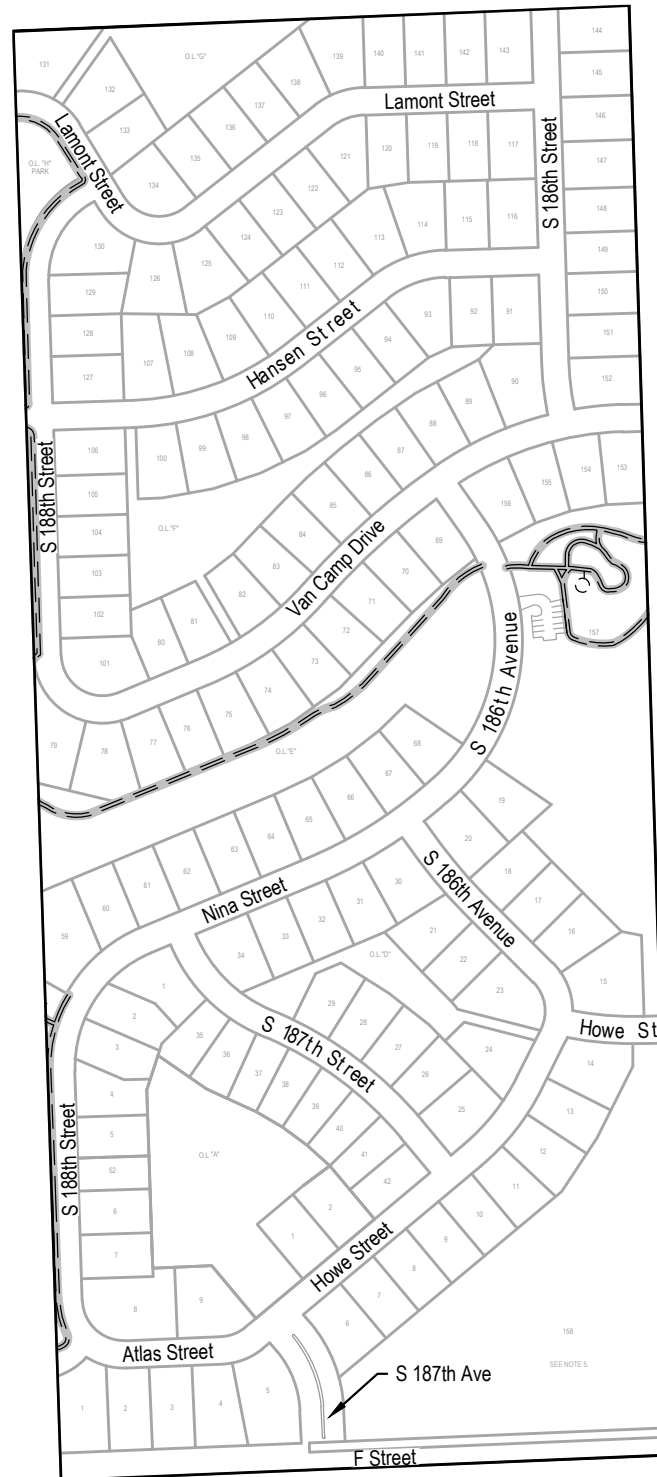
WEST BAY SPRINGS

2023 STREET RECONSTRUCTION

SID NO. 485
DOUGLAS COUNTY, NEBRASKA



VICINITY MAP

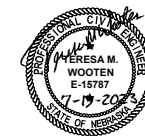


APPROXIMATE BID QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
1	CONCRETE PAVEMENT REPAIR, LARGE AREA	1,069	SY
2	CONCRETE PAVEMENT REPAIR, SMALL AREA	79	SY
3	FULL DEPTH SAW CUT EXISTING PAVEMENT	810	LF
4	CONSTRUCT STORM SEWER TAP	2	EA
5	CONSTRUCT 4" PERFORATED UNDERDRAIN	150	LF
6	ADJUST MANHOLE TO GRADE	4	EA
7	REMOVE & REPLACE PCC SIDEWALK	186	SF
8	REMOVE & REPLACE PCC CURB RAMP	73	SF
9	CONSTRUCT DETECTABLE WARNING PANEL (2 locations)	16	SF
10	REMOVE AND REPLACE FAULTY SUBGRADE	25	TN

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER
2	DETAIL
3	PLAN



APPLICANT

SID # 485
Stacy VanBlair, Chairman
11440 West Center Road, Ste. C
Omaha, NE 68144
P: 402.334.0700
F: 402.334.0815
bbeller@fdjlaw.com

DESIGNER

E & A Consulting Group, Inc
Teresa Wooten, P.E.
10909 Mill Valley Road, Suite 100
Omaha, NE 68154
P: 402.895.4700
F: 402.895.3599
twooten@eacg.com

INSPECTOR

E & A Consulting Group, Inc
Randall L. Pierce, P.E.
10909 Mill Valley Road, Suite 100
Omaha, NE 68154
P: 402.895.4700
F: 402.895.3599
rpierce@eacg.com

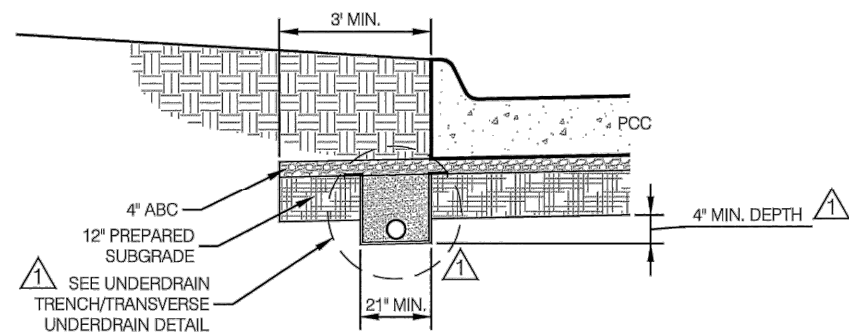
CONTRACTOR

E & A CONSULTING GROUP, INC.
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State of NE Certificate of Authorization #CA0008

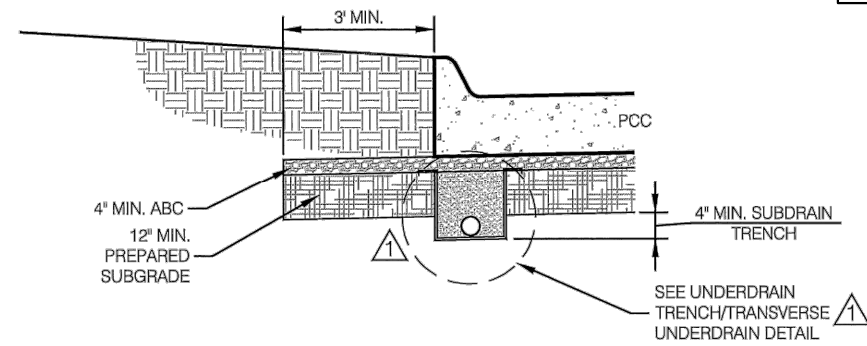


WEST BAY SPRINGS
2023 STREET
RECONSTRUCTION
SID 485
DOUGLAS COUNTY, NEBRASKA

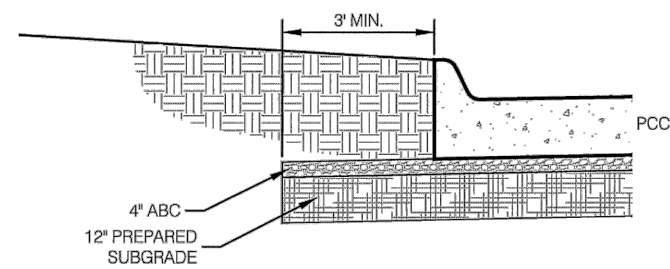
COVER	
Revisions	Description
Date	Date
7/19/2023	TAM
Drawn By: JMB	Checked By: JMB
Scale: 1" = 30'	Sheet: 1 of 3



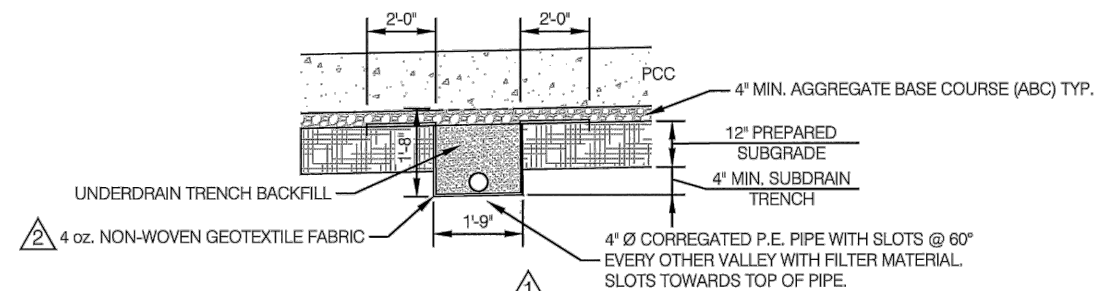
**TYPE 1 UNDERDRAIN
(DEFAULT TYPE)**



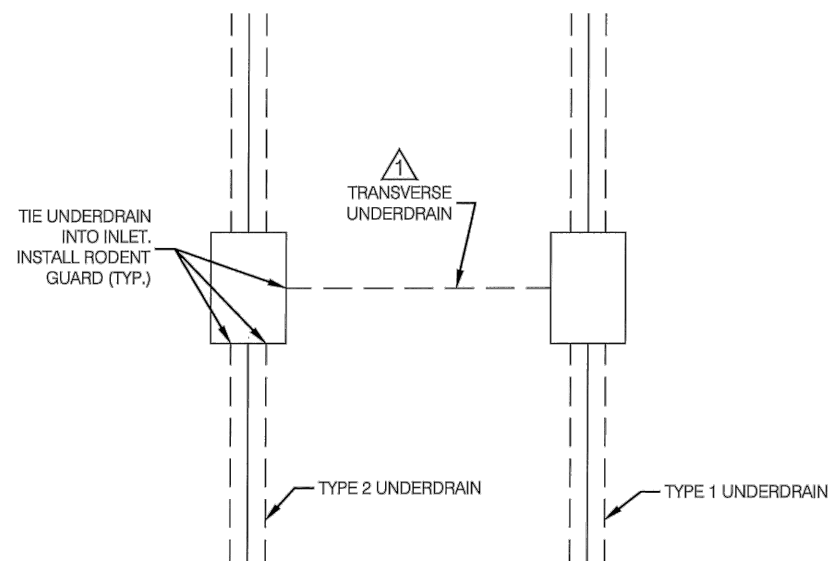
TYPE 2 UNDERDRAIN



**TYPE 3 UNDERDRAIN
(NO LONGITUDINAL DRAIN)**



UNDERDRAIN TRENCH/TRANSVERSE UNDERDRAIN DETAIL



GENERAL UNDERDRAIN LAYOUT

NOTES

1. TYPE 1 AND 2 INSTALLATION FOR LONGITUDINAL UNDERDRAIN. TRANSVERSE UNDERDRAINS INCLUDED.
2. TYPE 3 USED WITH TRANSVERSE ONLY UNDERDRAINS.
3. TRANSVERSE UNDERDRAINS INSTALLED PER ENGINEERS DIRECTION AND OFFSET FROM STORM SEWER PIPE.
4. TIE ALL UNDERDRAINS INTO INLETS AND INSTALL RODENT GUARDS. GUARDS SUBSIDIARY TO UNDERDRAINS.
5. PLACE PERFORATIONS UP FOR ALL INSTALLATIONS.
6. UNDERDRAIN TRENCH BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH TABLE 305.01 OF THE STANDARD SPECIFICATIONS.

1	REVISION 03/19/2020
2	REVISION 06/03/2020

Gayle Stendivant
 DESIGN ENGINEER
Todd R. Pfitzer
 CITY ENGINEER

CITY OF OMAHA PUBLIC WORKS DEPARTMENT		STANDARD PLATE 305-01	SHEET 1/1
UNDERDRAIN DETAIL			

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 2023 STREET
 RECONSTRUCTION
 SID 485
 DOUGLAS COUNTY, NEBRASKA

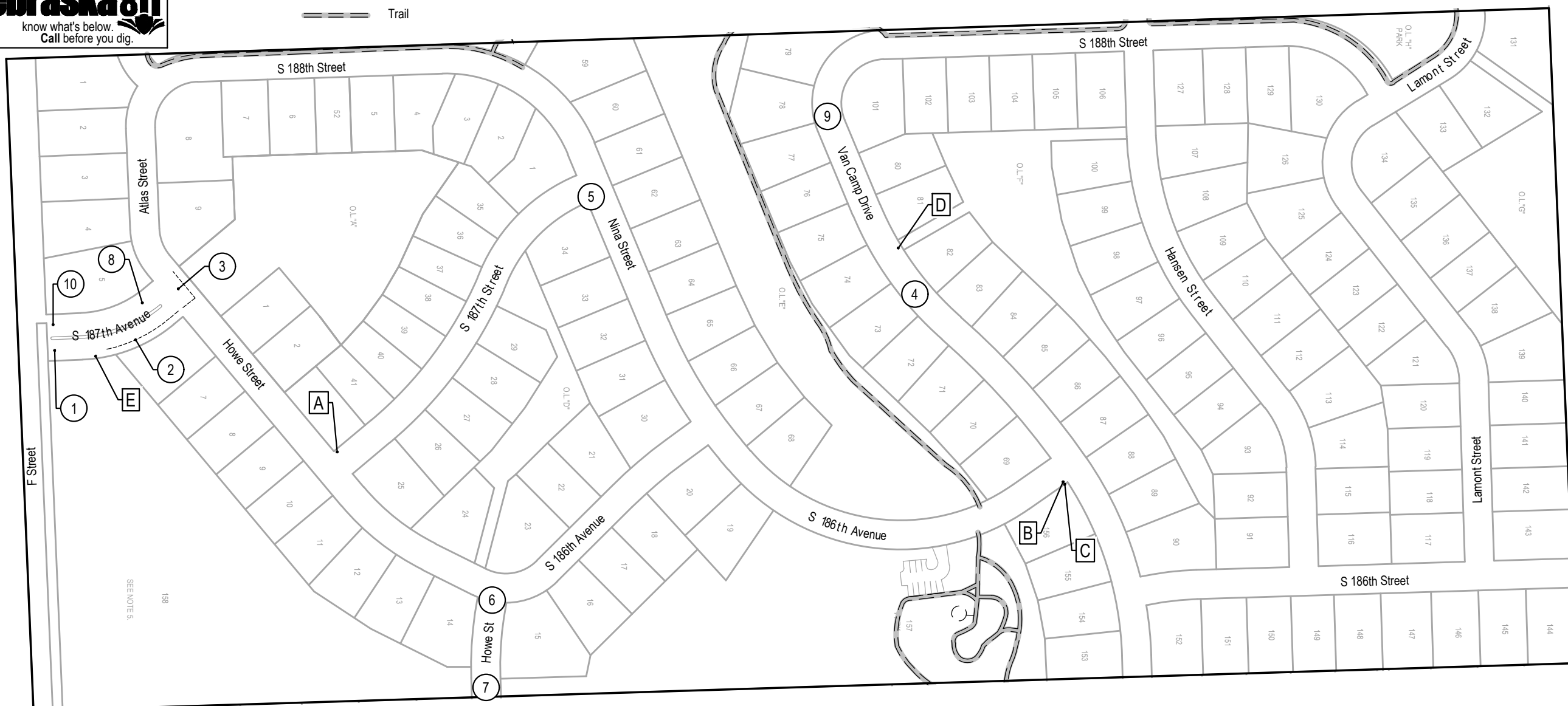
DETAIL

Revisions	Date	Description
1	7/19/2023	TAM
2		JMB
3		NIA
4		2 of 3



LEGEND

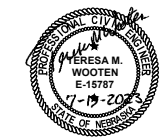
- 4" Perforated Underdrain
- Trail



2023 STREET RECONSTRUCTION									
AREA NO.	NO. POURS	SAW CUT L.F.	CURB L.F.	WIDTH	X	LENGTH	LARGE AREA EST S.Y.	SMALL AREA EST S.Y.	NOTES
1	1	85		12.5	x	30.0		41.7	
2	1	85	50	17.0	x	160.0	302.2		Install 4" perforated underdrain - 55 L.F.
3	2	150	60	50.0	x	60.0	333.3		Adjust Manhole (Qty x 2), Install 4" perforated underdrain - 85 L.F.
				10.0	x	12.5	13.9		Install 4" perforated underdrain - 10 L.F.
4	1	70	45	12.5	x	45.0	62.5		
5	1	40	15	12.5	x	15.0		20.8	
6	1	70	45	12.5	x	45.0	62.5		
7	1	50	12	6.0	x	25.0		16.7	Adjust Manhole
8	2	110	60	25.0	x	45.0	125.0		

2023 STREET RECONSTRUCTION									
AREA NO.	NO. POURS	SAW CUT L.F.	CURB L.F.	WIDTH	X	LENGTH	LARGE AREA EST S.Y.	SMALL AREA EST S.Y.	NOTES
9	2	50	60	25.0	x	30.0	83.3		Adjust Manhole
10	1	100	15	12.5	x	62.0	86.1		

2023 STREET RECONSTRUCTION				
AREA NO.	TYPE	APPROX. DIMEN.	EST S.F.	NOTES
A	Ramp	4 x 7	28.0	ADA Plate - Cast Iron
B	Ramp	5 x 9	45.0	ADA Plate - Cast Iron
C	Sidewalk	6 x 15	90.0	
D	Sidewalk	4 x 8	32.0	
E	Sidewalk	4 x 16	64.0	



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**WEST BAY SPRINGS
2023 STREET
RECONSTRUCTION**

SID 485
DOUGLAS COUNTY, NEBRASKA

PLAN

Proj No: P2023.137.005

Date: 7/19/2023

Designed By: TAMM

Drawn By: JMB

Scale: 1" = 20'

Sheet: 3 of 3

Revisions

Date	Description

7/19/2023 10:15 AM

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