

An APWA Accredited Agency

REVIEWED BY:

G. AMUNDSEN, P.E.

DATE PLOTTED:

March 7, 2023

NO. DATE

REVISION

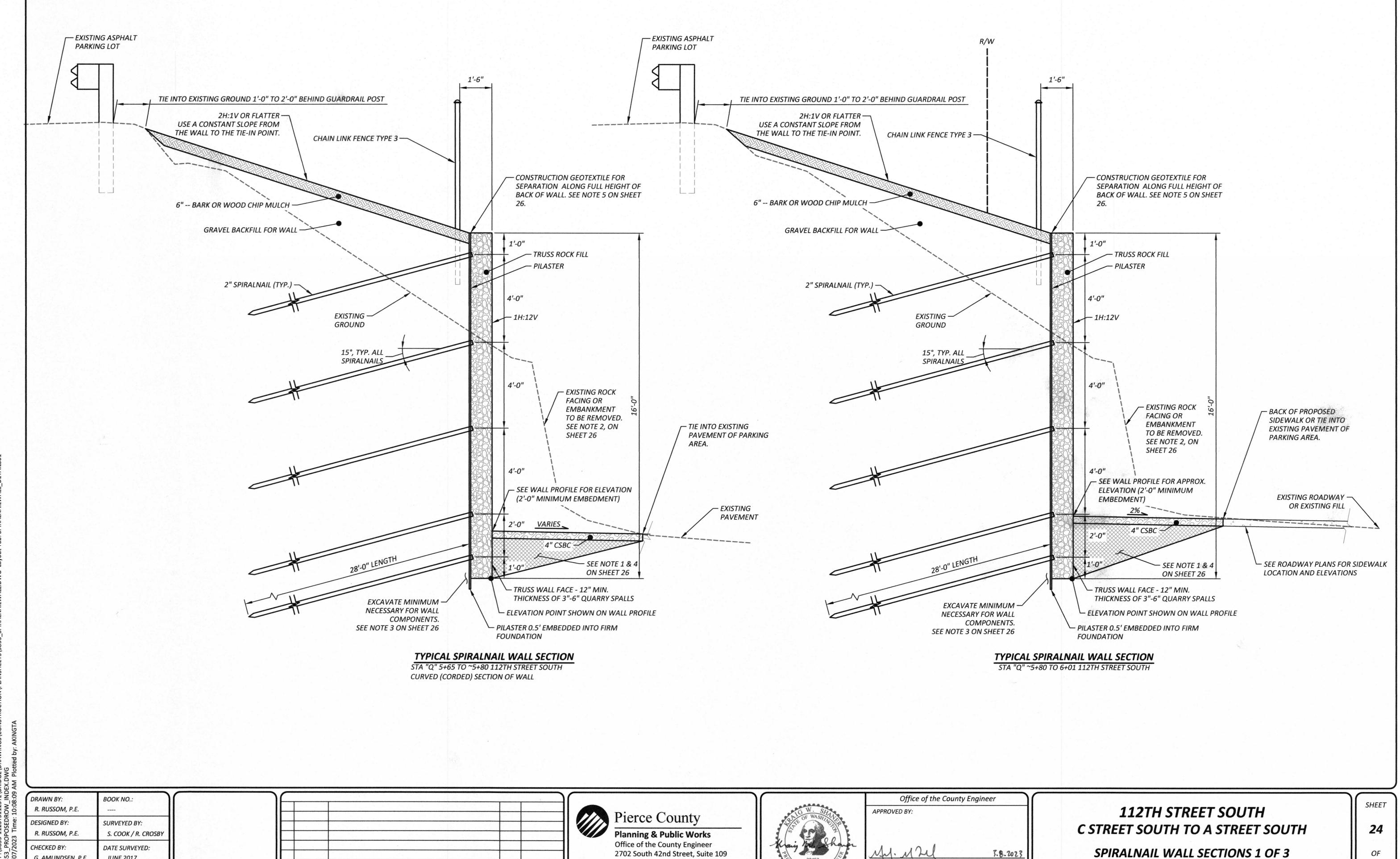
BY APPROVED

53

CRP 5853

KRAIG W. SHANER, P.E. FIELD ENGINEERING SECTION MANAGER

3-7-2023



Tacoma, Washington 98409

An APWA Accredited Agency

MELISSA C. McFADDEN, P.E.

3-7-2023

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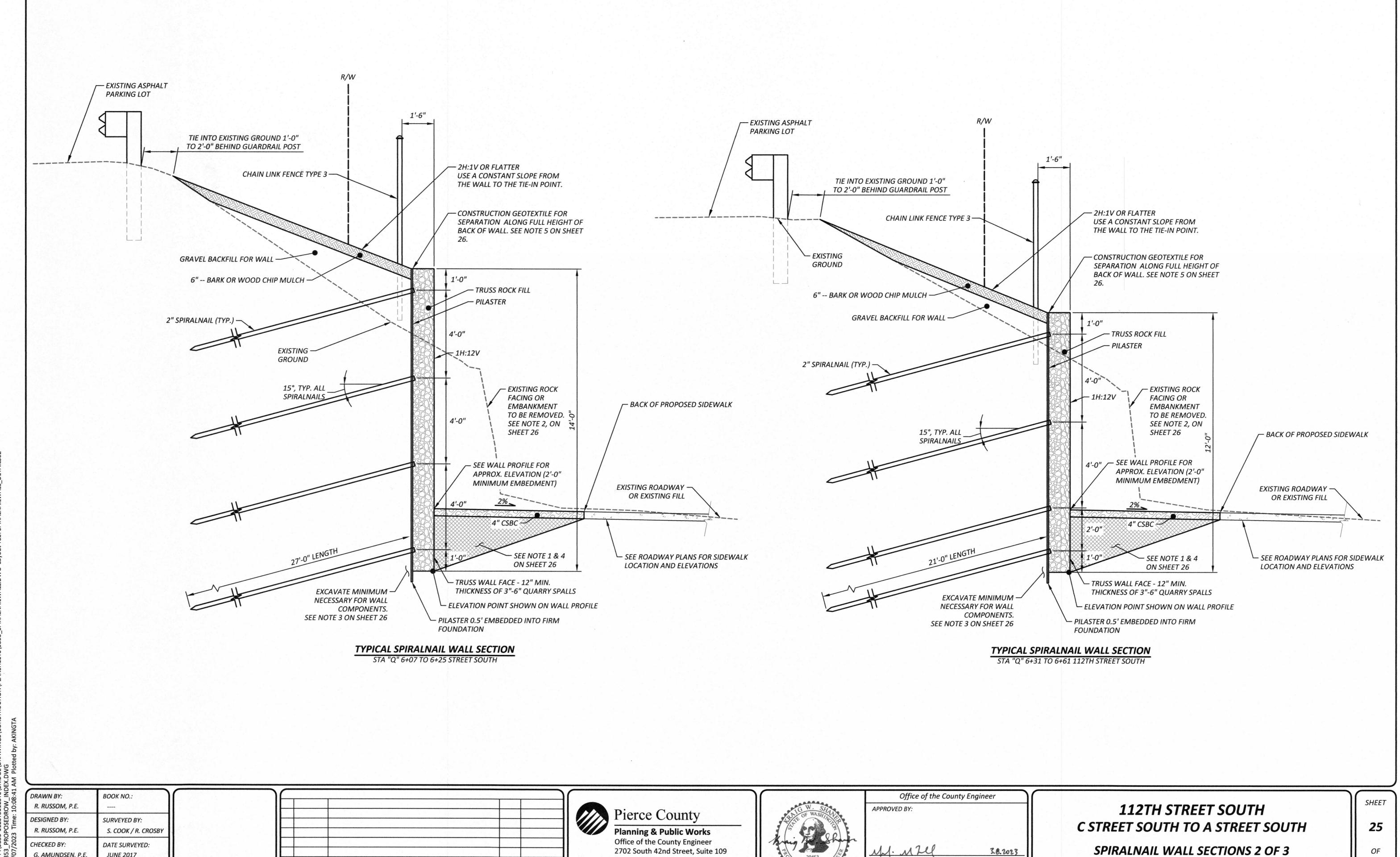
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2702 South 42nd Street, Suite 109

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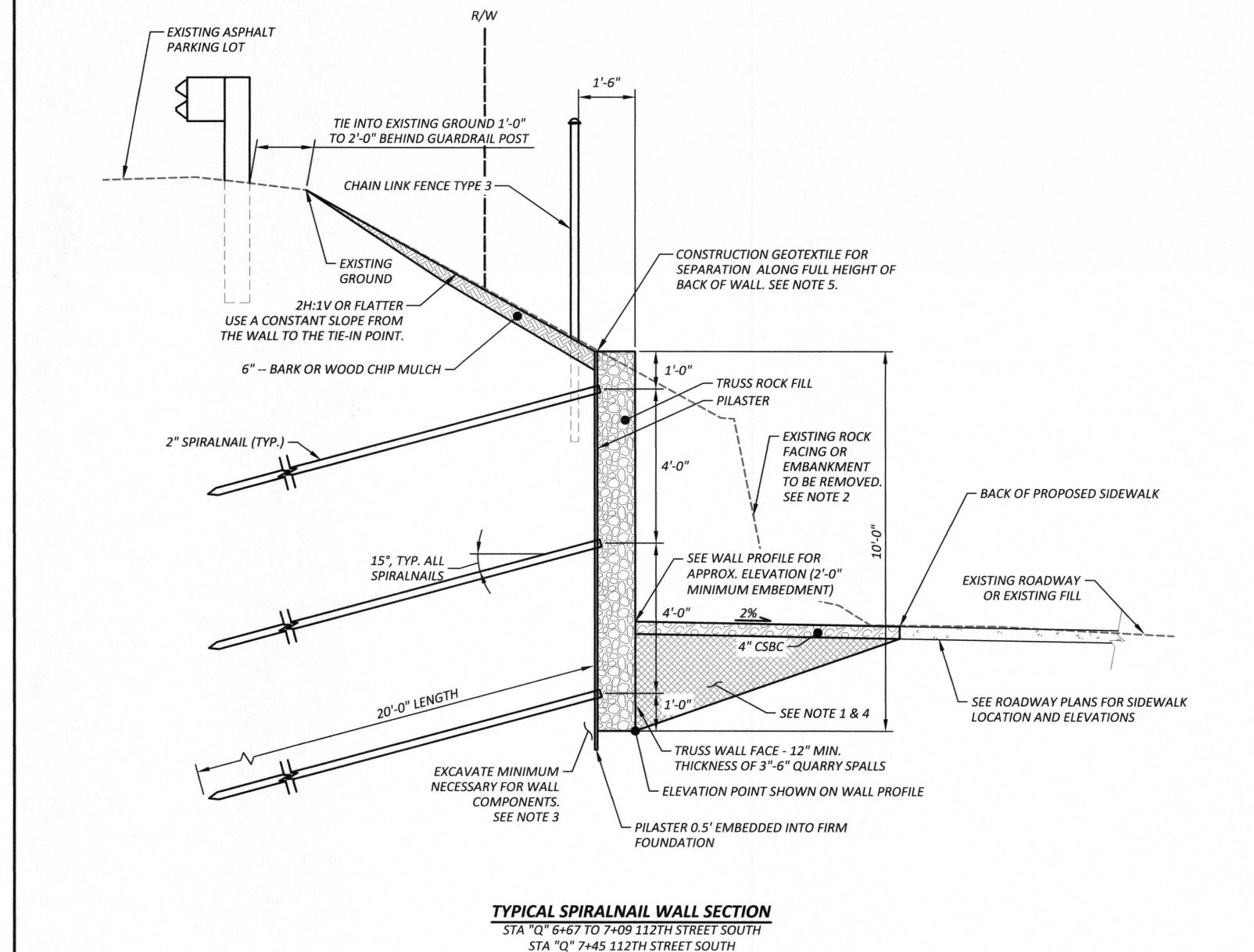
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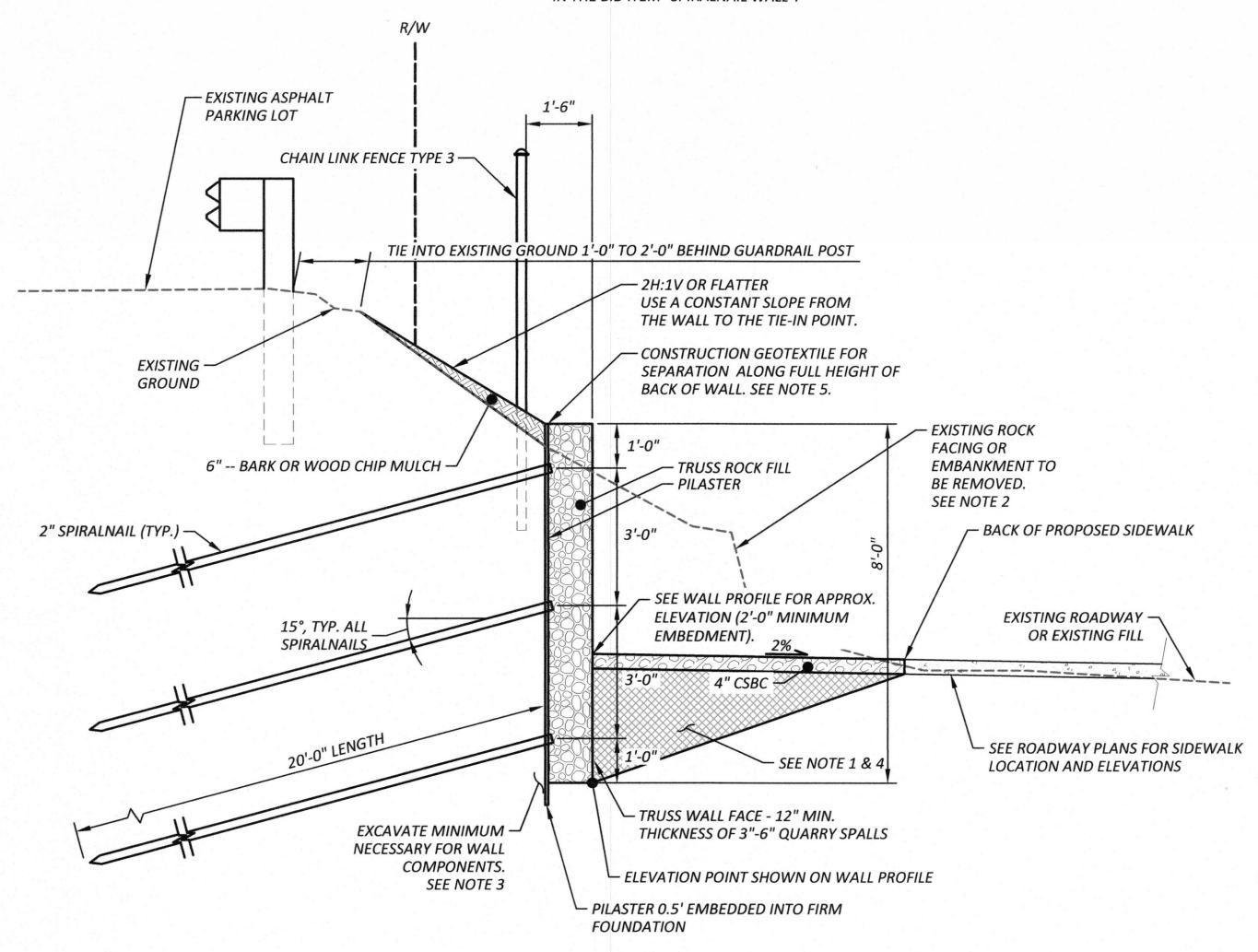
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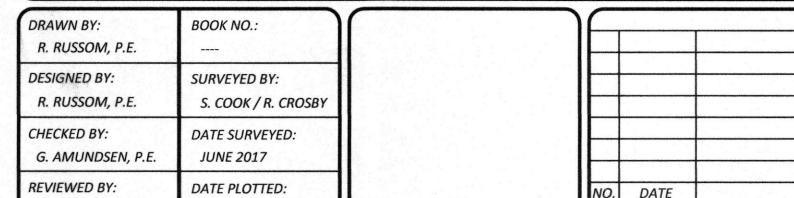
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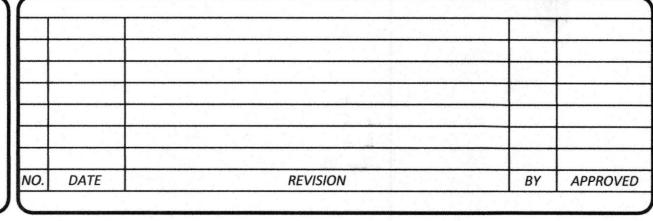
- 1. EXCAVATION IN FRONT OF THE WALL, THAT IS NOT INCLUDED IN THE BID ITEM "ROADWAY EXCAVATION INCL. HAUL" SHALL BE INCLUDED IN THE BID ITEM "SPIRALNAIL WALL".
- 2. REMOVAL AND DISPOSAL OF THE EXISTING ROCK FACING SHALL BE INCLUDED IN THE BID ITEM "REMOVING EXISTING ROCK FACING".
- 3. EXCAVATION NECESSARY TO EMBED THE SPIRALNAIL WALL AND TO TRIM THE FACE OF THE BACKSIDE EMBANKMENT SHALL BE INCLUDED IN THE BID ITEM "SPIRALNAIL WALL".
- 4. EMBANKMENT AND EMBANKMENT COMPACTION IN FRONT OF THE WALL THAT IS NOT INCLUDED IN THE BID ITEM "EMBANKMENT COMPACTION" SHALL BE INCLUDED IN THE BID ITEM "SPIRALNAIL WALL".
- 5. CONSTRUCTION GEOTEXTILE FOR SEPARATION ALONG FULL HEIGHT OF BACK OF WALL SHALL BE INCLUDED IN THE BID ITEM "SPIRALNAIL WALL".

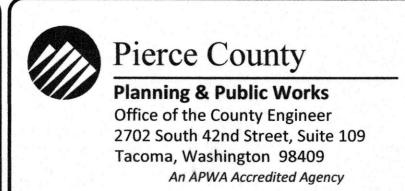


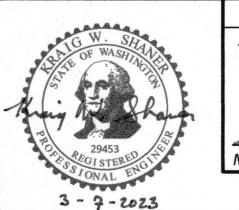
TYPICAL SPIRALNAIL WALL SECTION

STA "Q" 7+15 TO 7+39 112TH STREET SOUTH STA "Q" 7+51 TO 7+53 112TH STREET SOUTH









Office of the County Engineer

APPROVED BY:

3.6.2013

MELISSA C. McFADDEN, P.E.

KRAIG W. SHANER, P.E.

FIELD ENGINEERING SECTION MANAGER

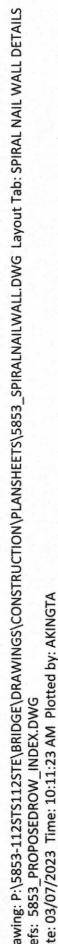
112TH STREET SOUTH
C STREET SOUTH TO A STREET SOUTH
SPIRALNAIL WALL SECTIONS 3 OF 3

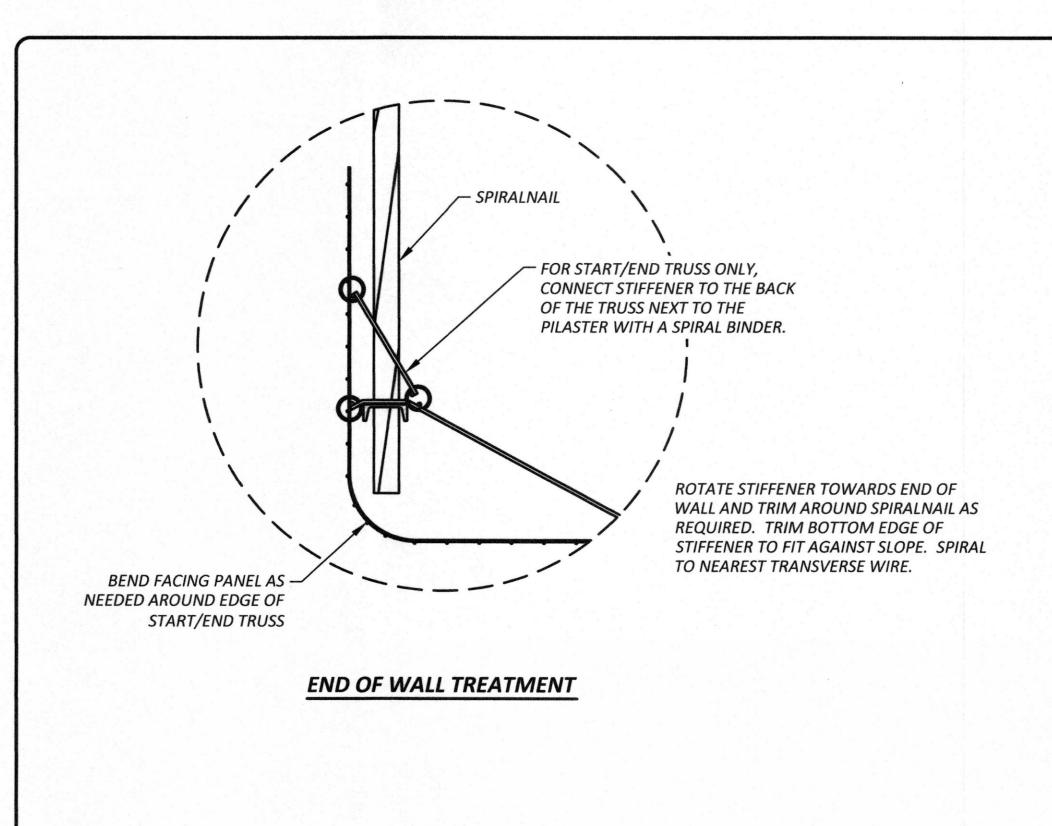
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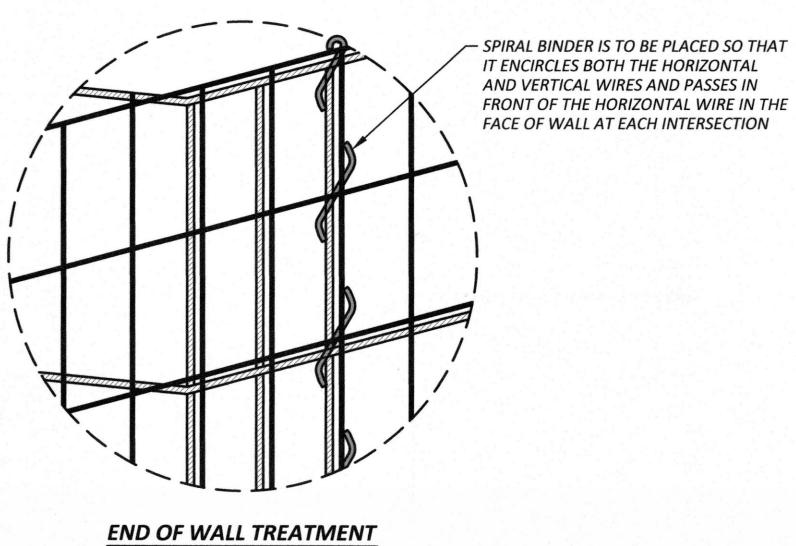
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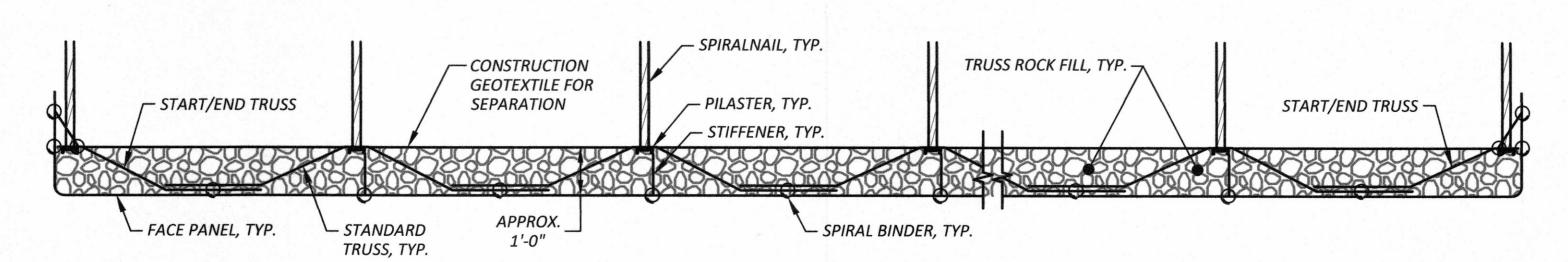
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OF

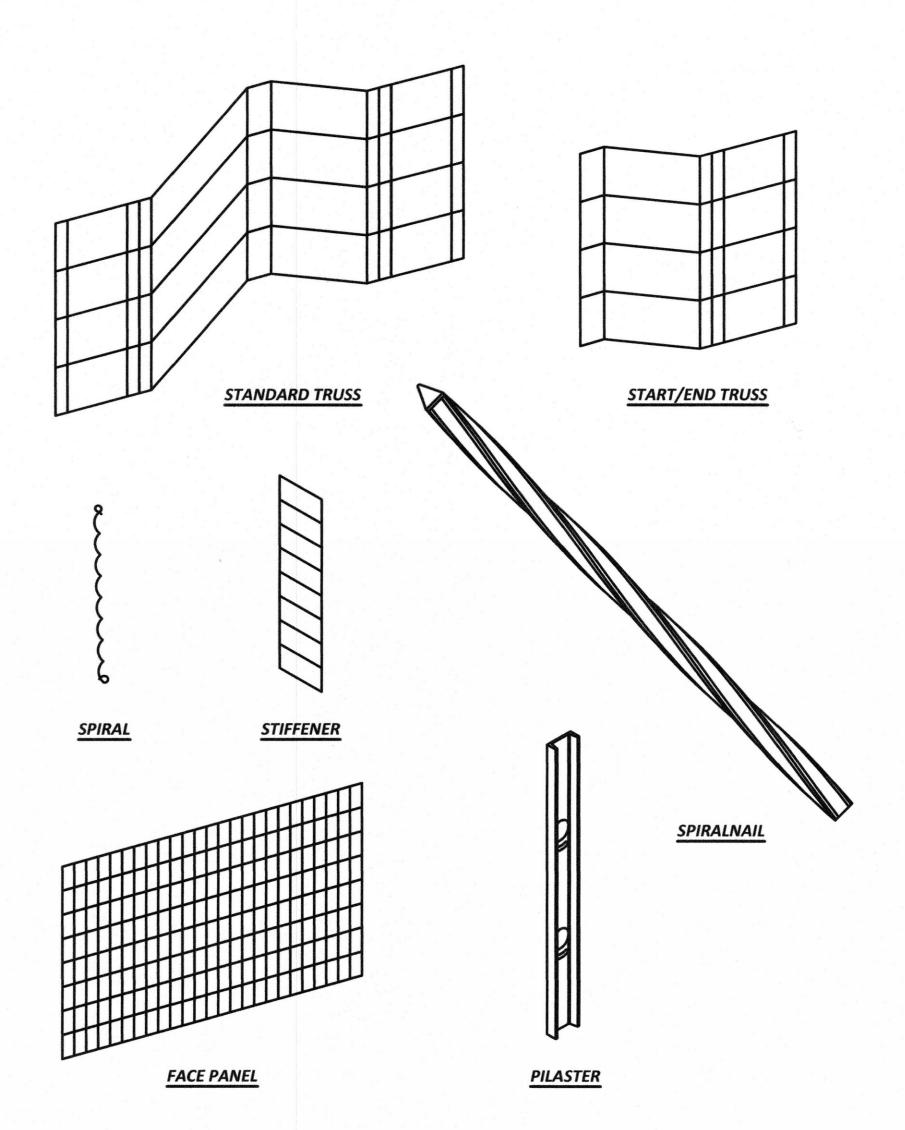








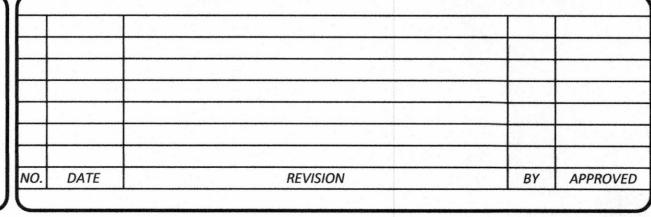
SPIRALNAIL WALL WIRETRUSS DETAIL



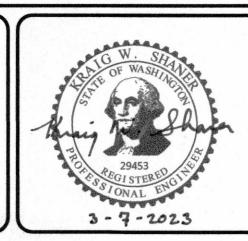
WALL COMPONENTS

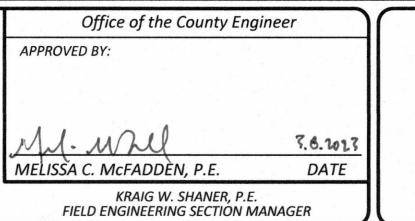
NOT TO SCALE

DRAWN BY: R. RUSSOM, P.E.	BOOK NO.:
DESIGNED BY:	SURVEYED BY:
R. RUSSOM, P.E.	S. COOK / R. CROSBY
CHECKED BY:	DATE SURVEYED:
G. AMUNDSEN, P.E.	JUNE 2017
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112TH STREET SOUTH
C STREET SOUTH TO A STREET SOUTH
SPIRALNAIL WALL DETAILS

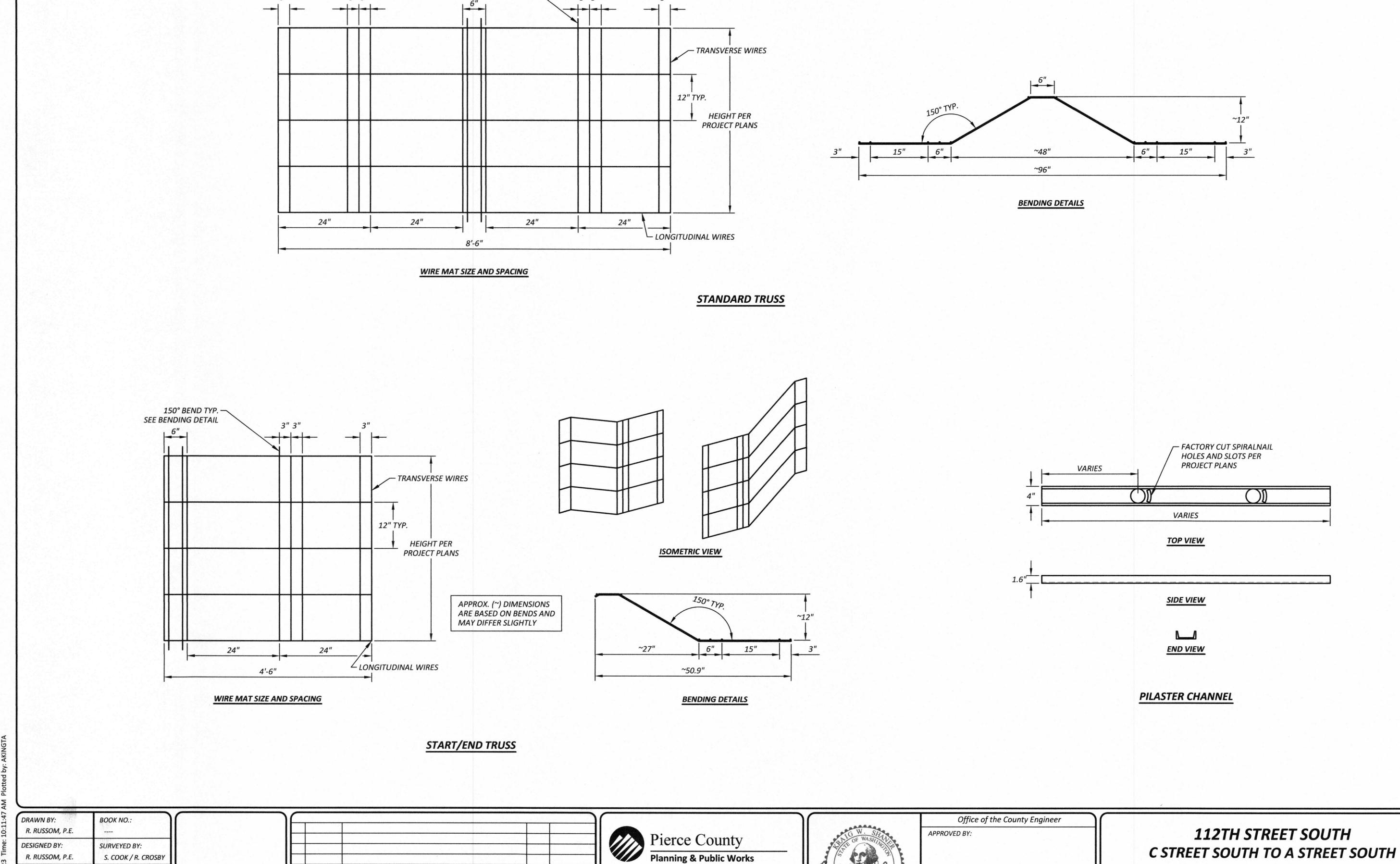
SPIRALNAIL WALL DETAILS

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27 OF

SHEET

53



Planning & Public Works

Office of the County Engineer

Tacoma, Washington 98409

2702 South 42nd Street, Suite 109

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3.8.2023

DATE

MELISSA C. McFADDEN, P.E.

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KRAIG W. SHANER, P.E. FIELD ENGINEERING SECTION MANAGER

SPIRALNAIL WALL DETAILS

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SHEET

OF

150° BEND TYP. —

SEE BENDING DETAIL

S. COOK / R. CROSBY

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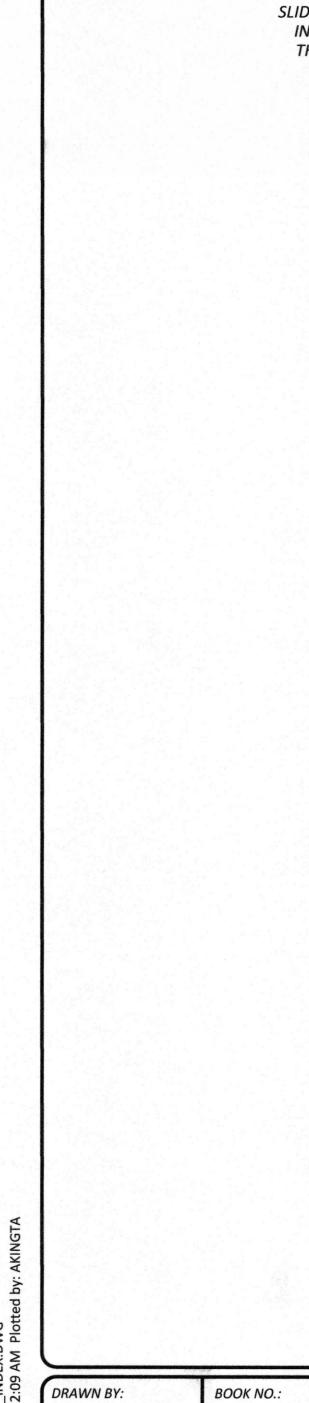
R. RUSSOM, P.E.

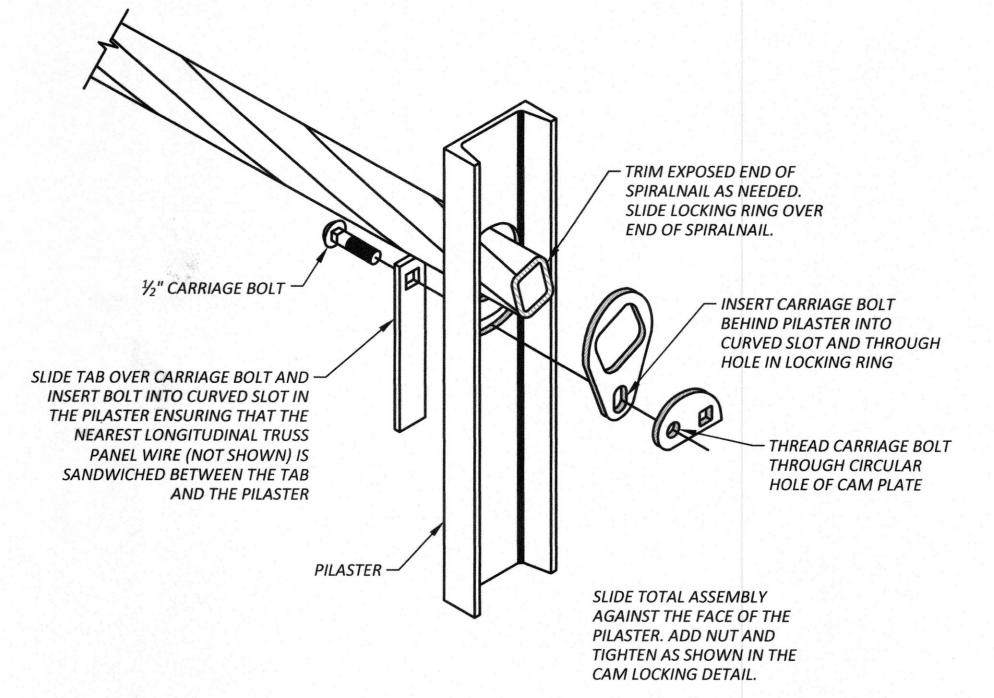
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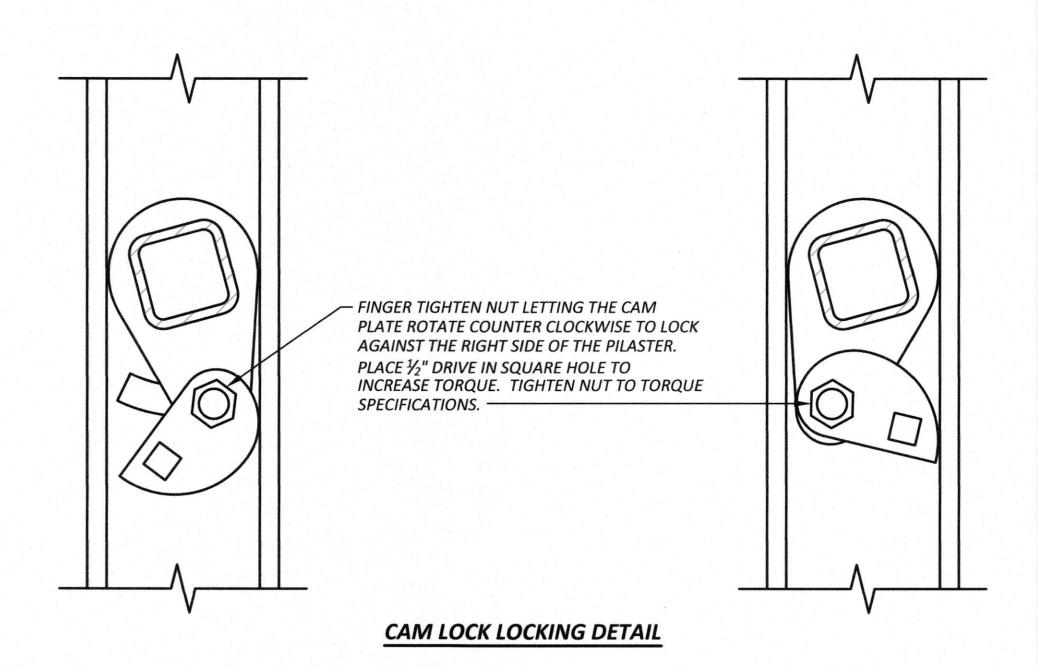
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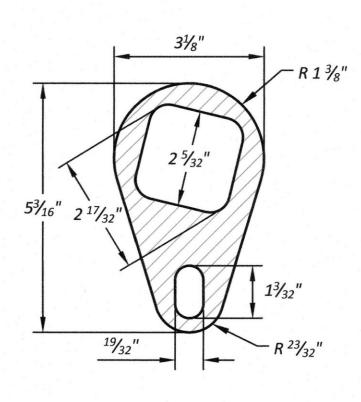
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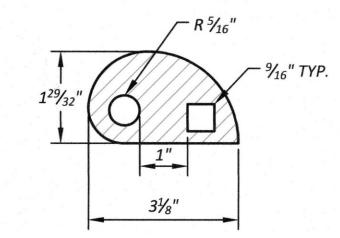


CAM LOCK ASSEMBLY

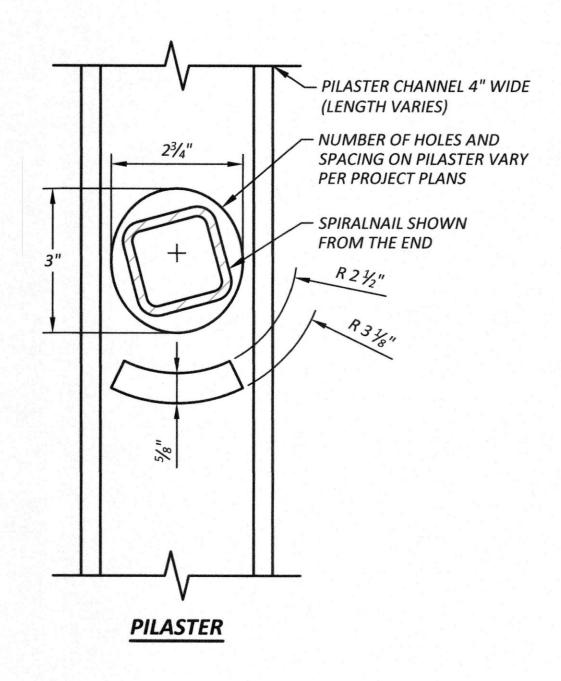


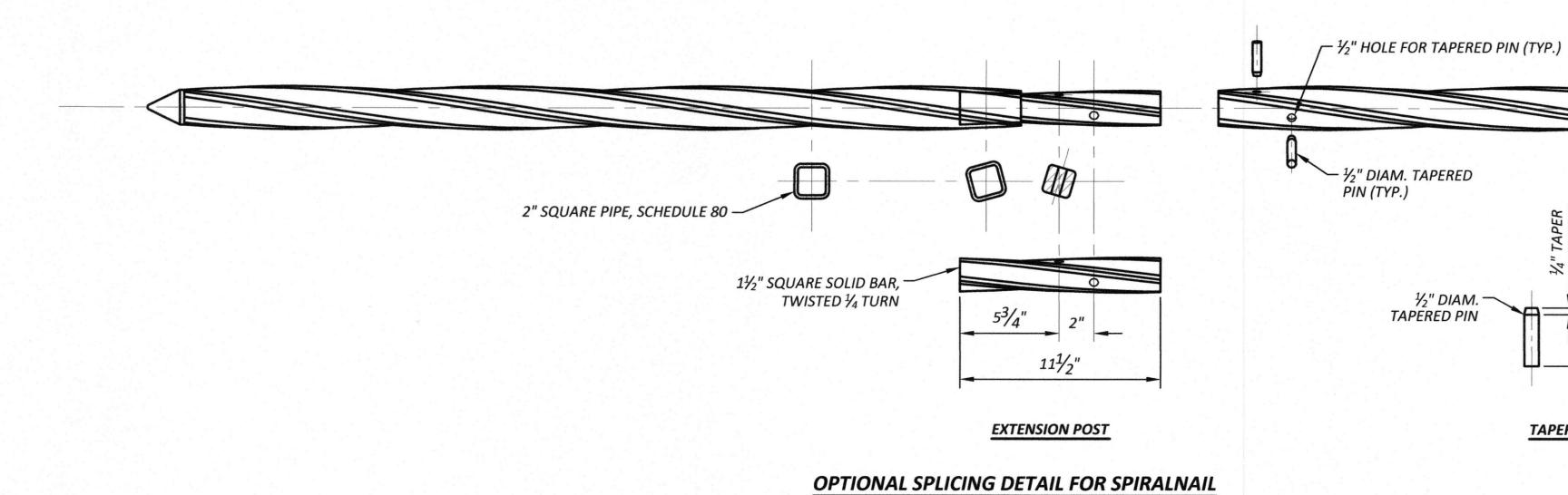


LOCKING RING



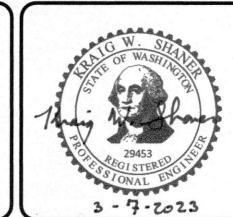
CAM PLATE

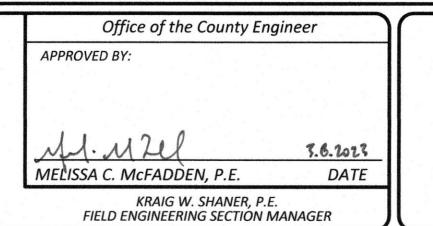




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112TH STREET SOUTH C STREET SOUTH TO A STREET SOUTH SPIRALNAIL WALL DETAILS

CRP 5853

TAPERED PIN

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OF

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