

SEA ISLE BOARDWALK REPLACEMENT

TOWN OF INDIAN BEACH

INDIAN BEACH, NORTH CAROLINA

DRAWINGS

COVER SHEET	C1 OF 6
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PROPOSED WALKWAY PLAN & PROFILE	C4 OF 6
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DETAILS	C6 OF 6

PROJECT DATA

NAME OF PROJECT:
SEA ISLE BOARDWALK REPLACEMENT
TOWN OF INDIAN BEACH
INDIAN BEACH, CARTERET COUNTY, NC

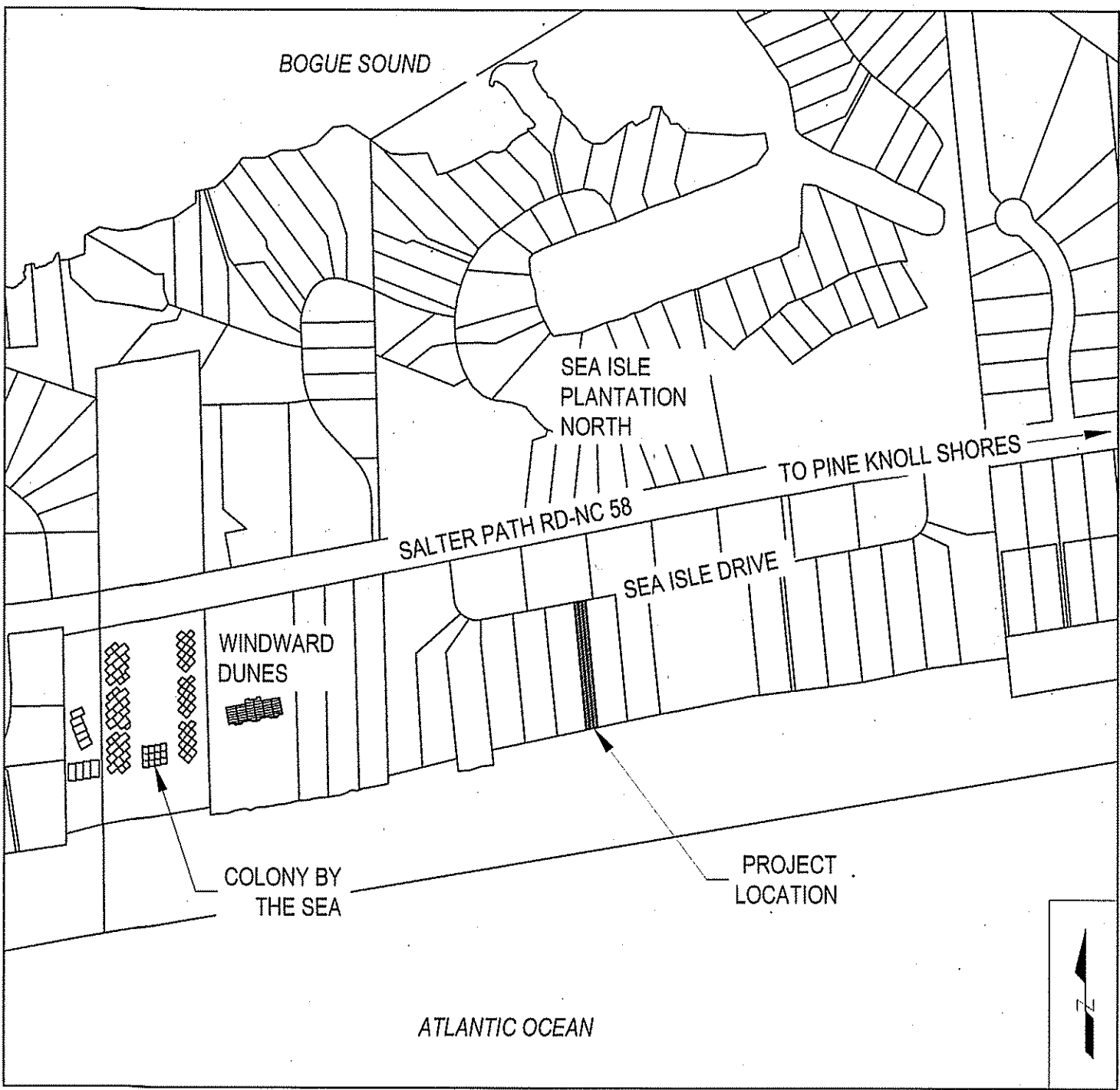
PREPARED BY:
ARENDELL ENGINEERS
1004 ARENDELL STREET
MOREHEAD CITY, NC 28557
PHONE: (252) 622-4338
EMAIL: GRAHAM@ARENDELLENGINEERS.COM

OWNER:
TOWN OF INDIAN BEACH
1400 SALTER PATH ROAD
INDIAN BEACH, NORTH CAROLINA

SURVEYOR:
JAMES I. PHILLIPS LAND SURVEYING
379 ARRINGTON ROAD
BEAUFORT, NC 28516
PHONE: (252) 728-6848

DATUMS:
VERTICAL: NAVD88
HORIZONTAL: NC STATE PLANE COORDINATE SYSTEM

CARTERET COUNTY



VICINITY MAP

SCALE: 1" = 400'

SYMBOLS & ABBREVIATIONS

AEC	AREA OF ENVIRONMENTAL CONCERN
ALT	ALTERNATE
APPROX	APPROXIMATE
ELEV	ELEVATION
EX	EXISTING
GALV	GALVANIZED
MIN	MINIMUM
N/F	NOW OR FORMERLY
NIC	NOT IN CONTRACT
O.C.	ON CENTER
STA	STATION
W/	WITH
Ø	DIAMETER



Know what's below.
Call before you dig.

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PROJECT MANAGER:	GDS
DESIGNED:	GDS
DRAWN BY:	GDS
CHECKED:	JJW
SCALE:	AS SHOWN
DATE:	08/20/2026



1004 Arendell Street
Morehead City, NC 28557
(252) 622-4338
Fax: (252) 622-4505

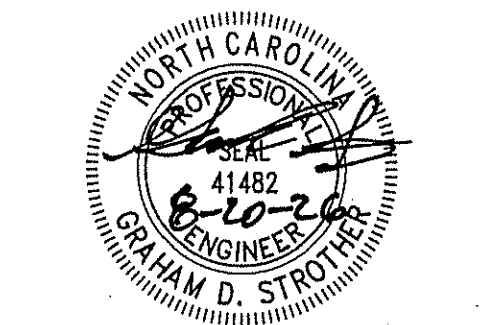
www.arendellengineers.com
North Carolina Certification No. C-1509

OWNER:
TOWN OF INDIAN BEACH,
NORTH CAROLINA
1400 SALTER PATH ROAD
INDIAN BEACH, NC 28512

PROJECT:
SEA ISLE BOARDWALK
REPLACEMENT

CARTERET COUNTY, NC

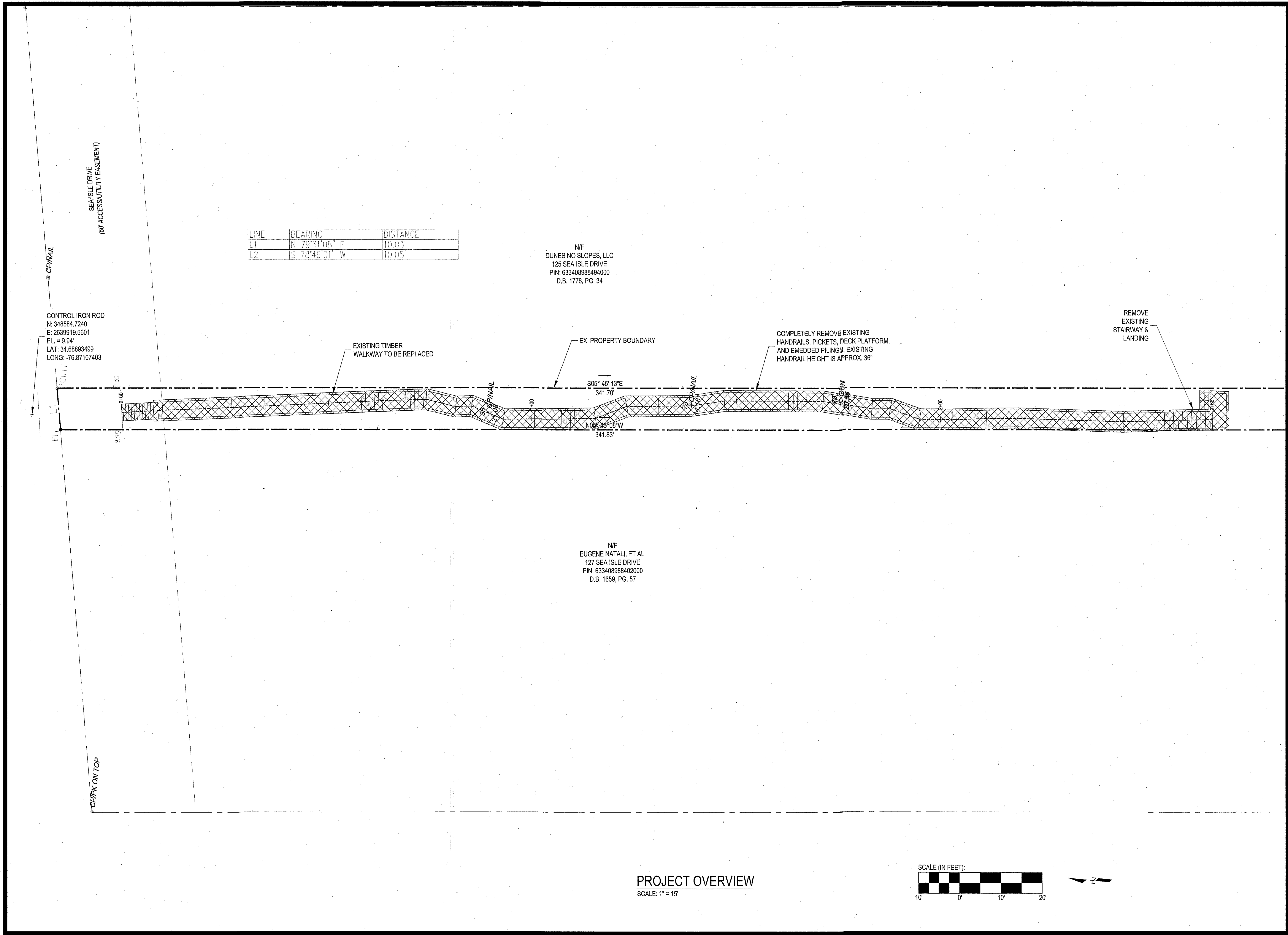
DRAWING:
COVER SHEET



DATE	08/20/2026				
BY	GDS				
REVISION	ISSUED FOR BID				
NO.	1				

SHEET NO:
C1

OF: 06
JOB NO. 25262



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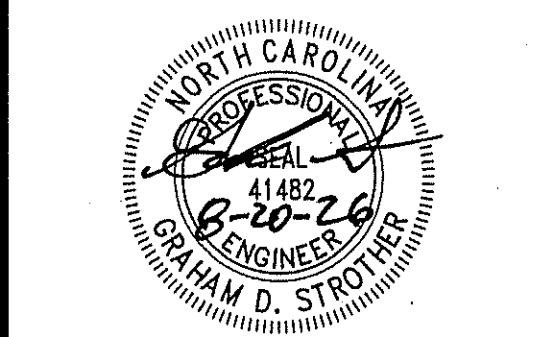
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SEA ISLE BOARDWALK
REPLACEMENT
CARTERET COUNTY, NC
DRAWING:

PROJECT OVERVIEW



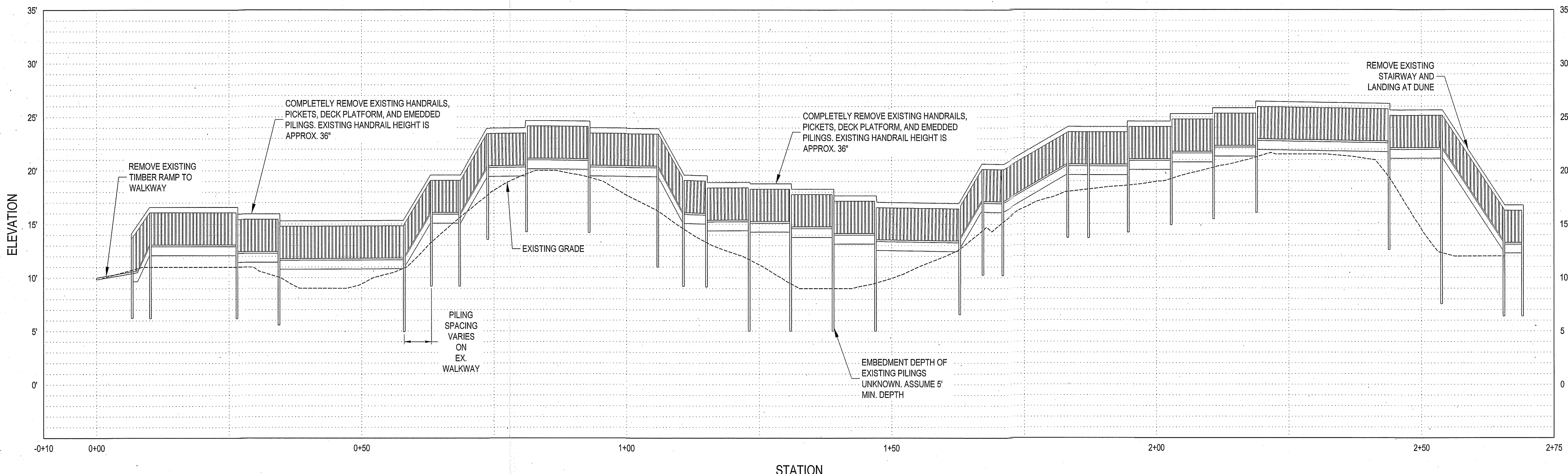
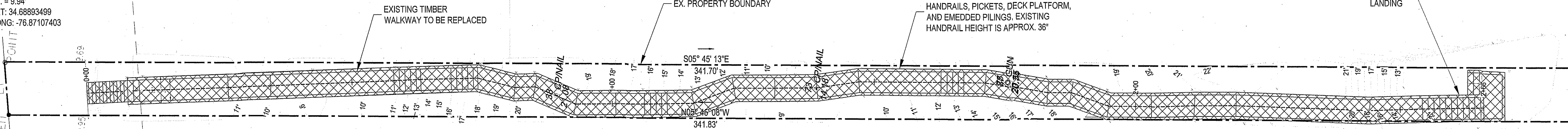
NO.	REVISION	BY	DATE
1	ISSUED FOR BID	GDS	08/20/2026

SHEET NO:
C2
OF: 06
JOB NO. 25262

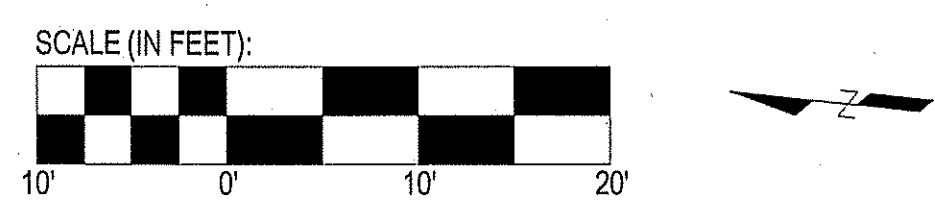
N/F
DUNES NO SLOPES, LLC
125 SEA ISLE DRIVE
PIN: 633408988494000
D.B. 1776, PG. 34

N/F
EUGENE NATALI, ET AL.
127 SEA ISLE DRIVE
PIN: 633408988402000
D.B. 1669, PG. 57

CONTROL IRON ROD
N: 348584.7240
E: 2639919.6601
EL. = 9.94'
LAT: 34.68893499
LONG: -76.87107403



EXISTING CONDITIONS & DEMOLITION PLAN & PROFILE
SCALE: 1" = 10'



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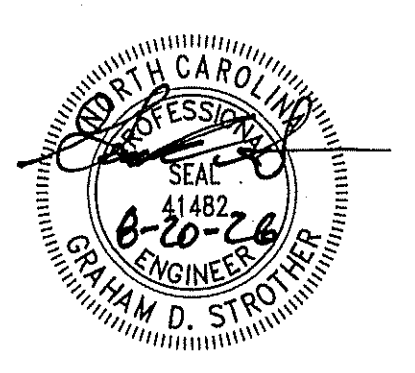
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CARTERET COUNTY, NC

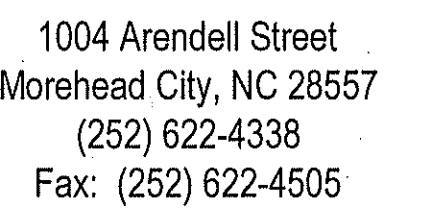
DRAWING:
EXISTING CONDITIONS &
DEMOLITION PLAN & PROFILE



NO.	REVISION	BY	DATE
1	ISSUED FOR BID	GDS	08/20/2026

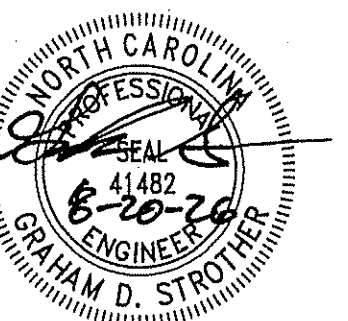
SHEET NO:
C3
OF: 06
JOB NO. 25262

<u>PROJECT MANAGER:</u>	GDS
<u>DESIGNED:</u>	GDS
<u>DRAWN BY:</u>	GDS
<u>CHECKED:</u>	JJW
<u>SCALE:</u>	AS SHOWN
<u>DATE:</u>	08/20/2026



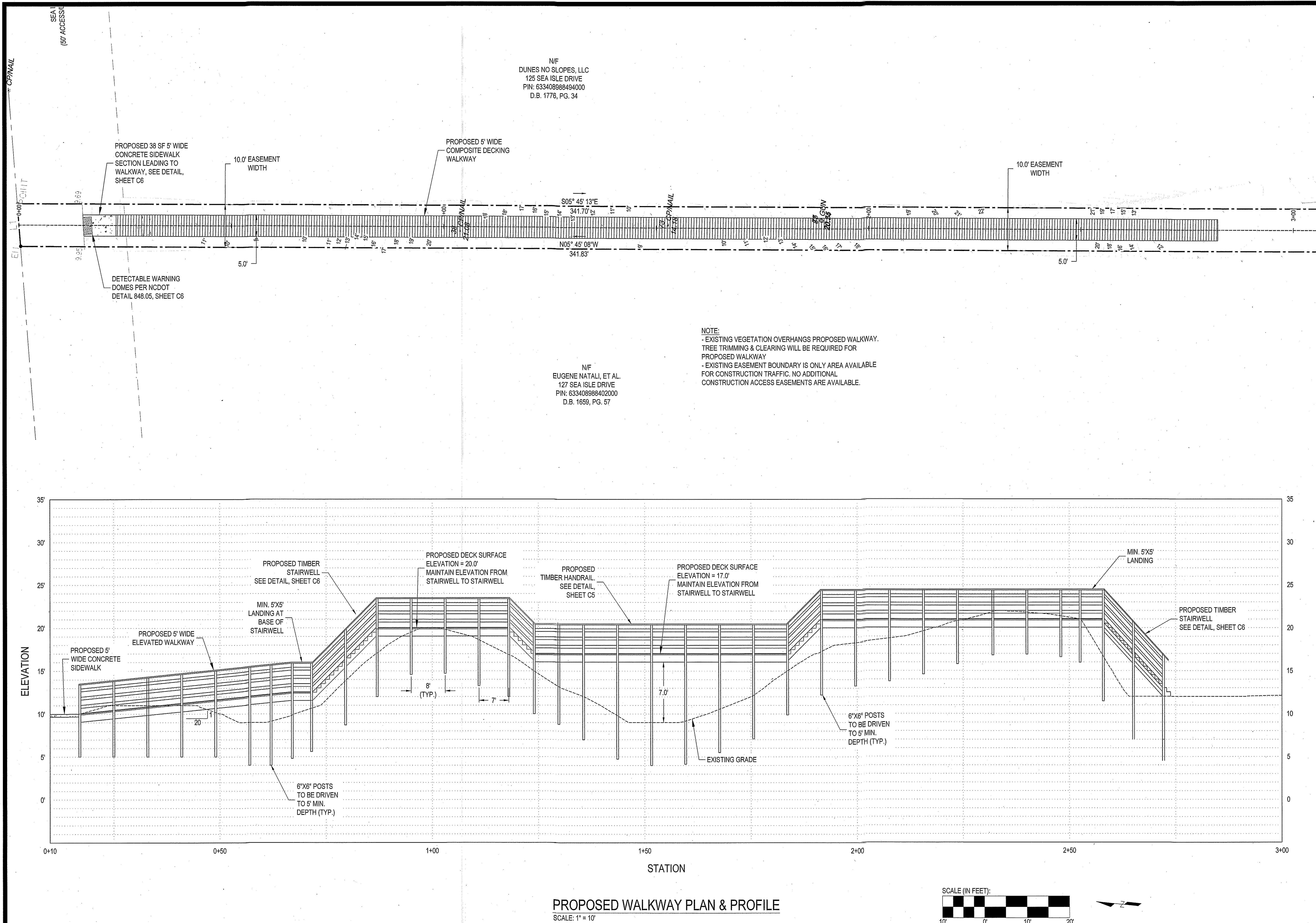
TOWN OF INDIAN BEACH,
NORTH CAROLINA
1400 SALTER PATH ROAD
INDIAN BEACH, NC 28512

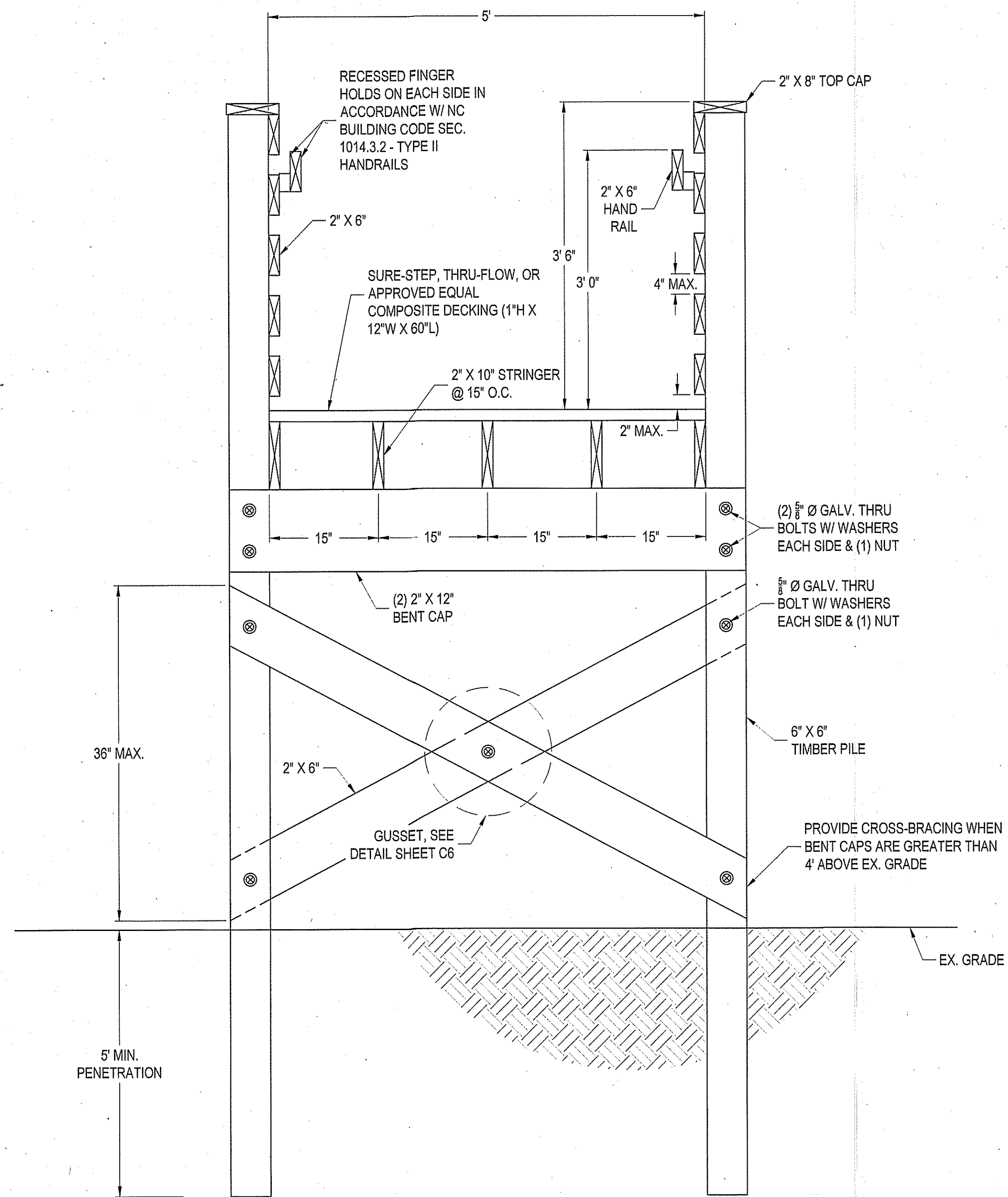
PROPOSED WALKWAY PLAN & PROFILE

[illegible]

C4

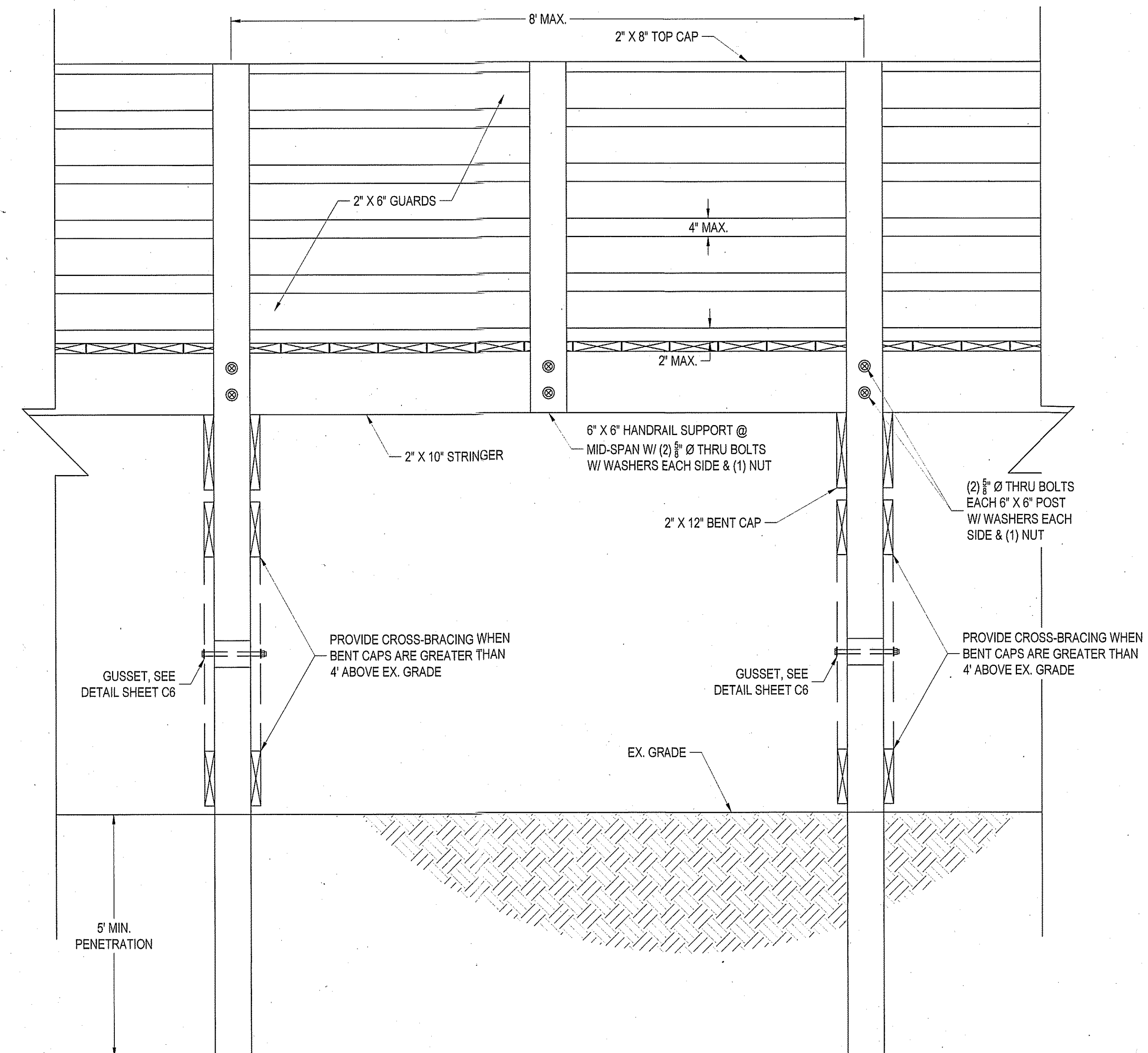
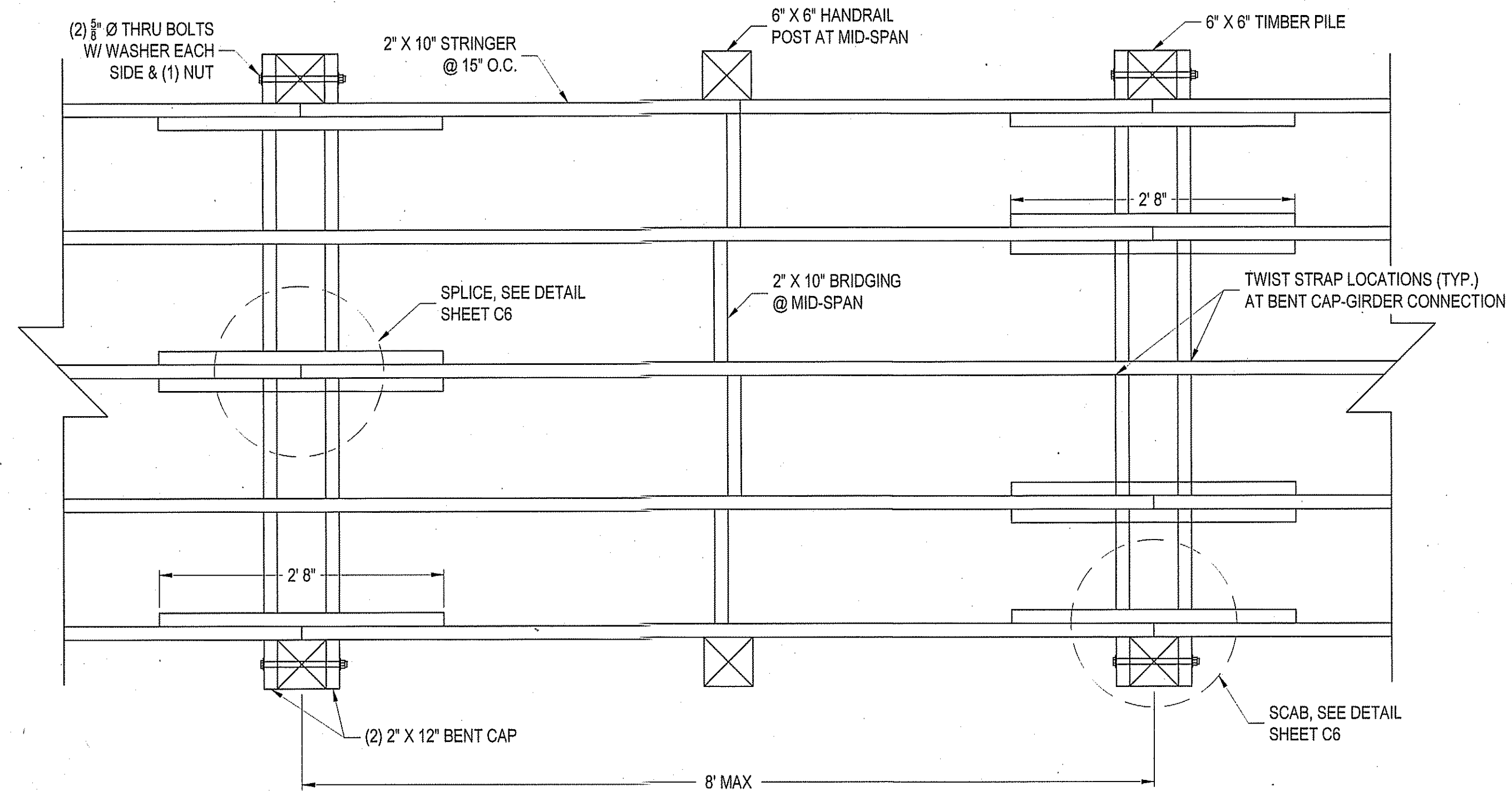
25262





NOTES:

- 2" X 6" HANDRAILS TO BE SECURED TO 6" X 6" POSTS USING TWO (2) 3" STAINLESS STEEL (MIN. GRADE 316) DECK SCREWS EACH POST. SCREW HOLES ARE TO BE PRE-DRILLED TO PREVENT SPLITTING OF BOARDS. 2" X 6" TO BE ROUTED TO MEET N.C. BUILDING CODE.
- 2" X 8" TOP CAP IS TO BE SECURED TO EACH POST USING TWO (2) 3" STAINLESS STEEL (MIN. GRADE 316) DECK SCREWS EACH POST. SECURE TO 2" X 6" HANDRAIL GUARD USING ONE (1) 3" STAINLESS STEEL DECK SCREW AT MID-SPAN. SCREW HOLES ARE TO BE PRE-DRILLED TO PREVENT SPLITTING OF BOARDS.
- COMPOSITE DECKING SURFACE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



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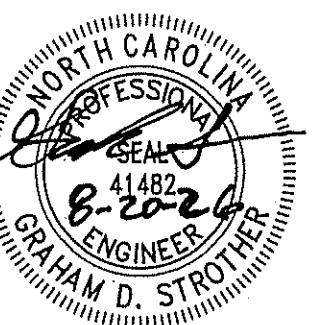
PROJECT:

SEA ISLE BOARDWALK
REPLACEMENT

CARTERET COUNTY, NC

DRAWING:

PROPOSED WALKWAY DETAILS



DATE	08/20/2026				
BY	GDS				
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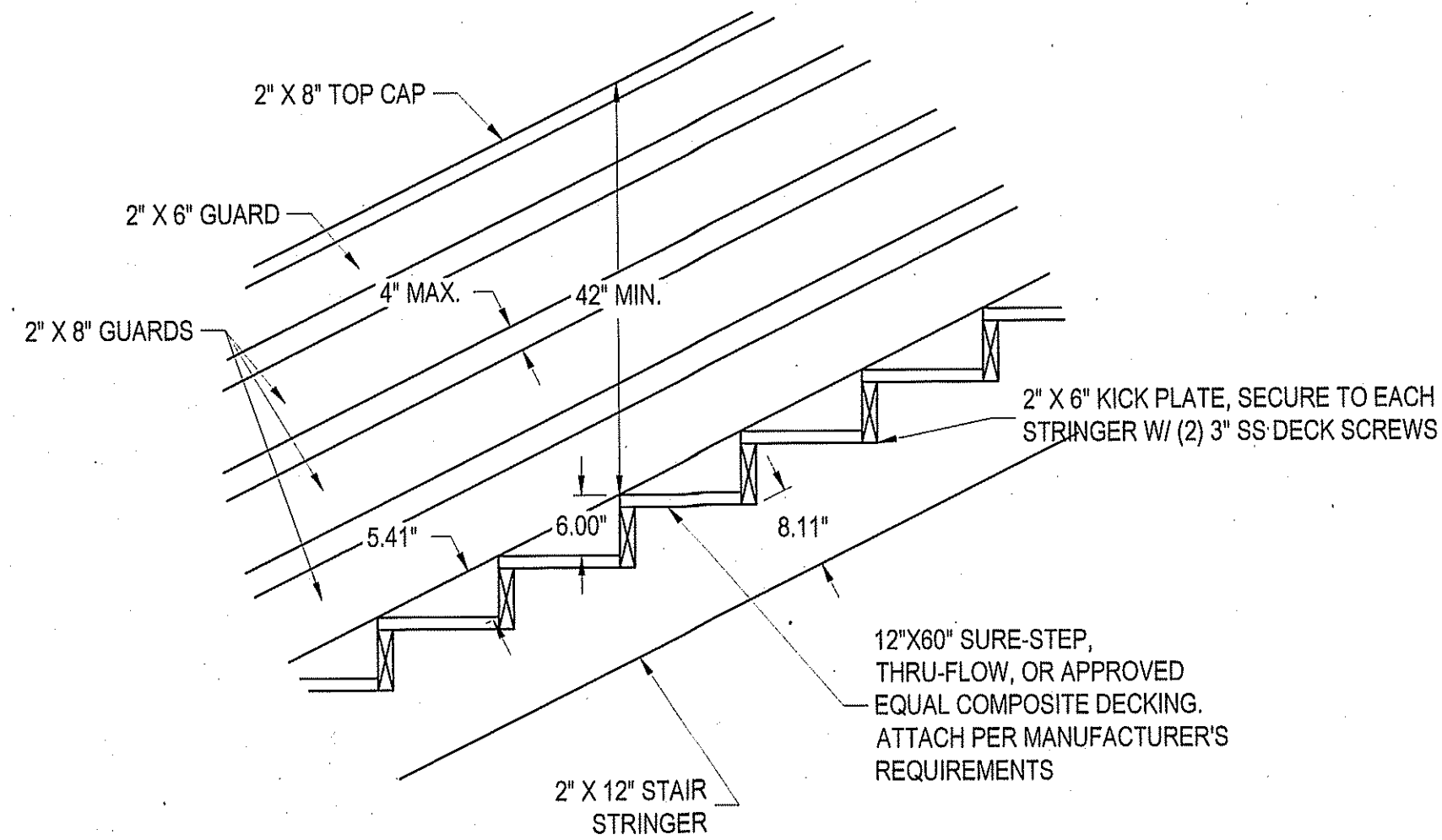
SHEET NO:

C5

OF: 06

JOB NO.

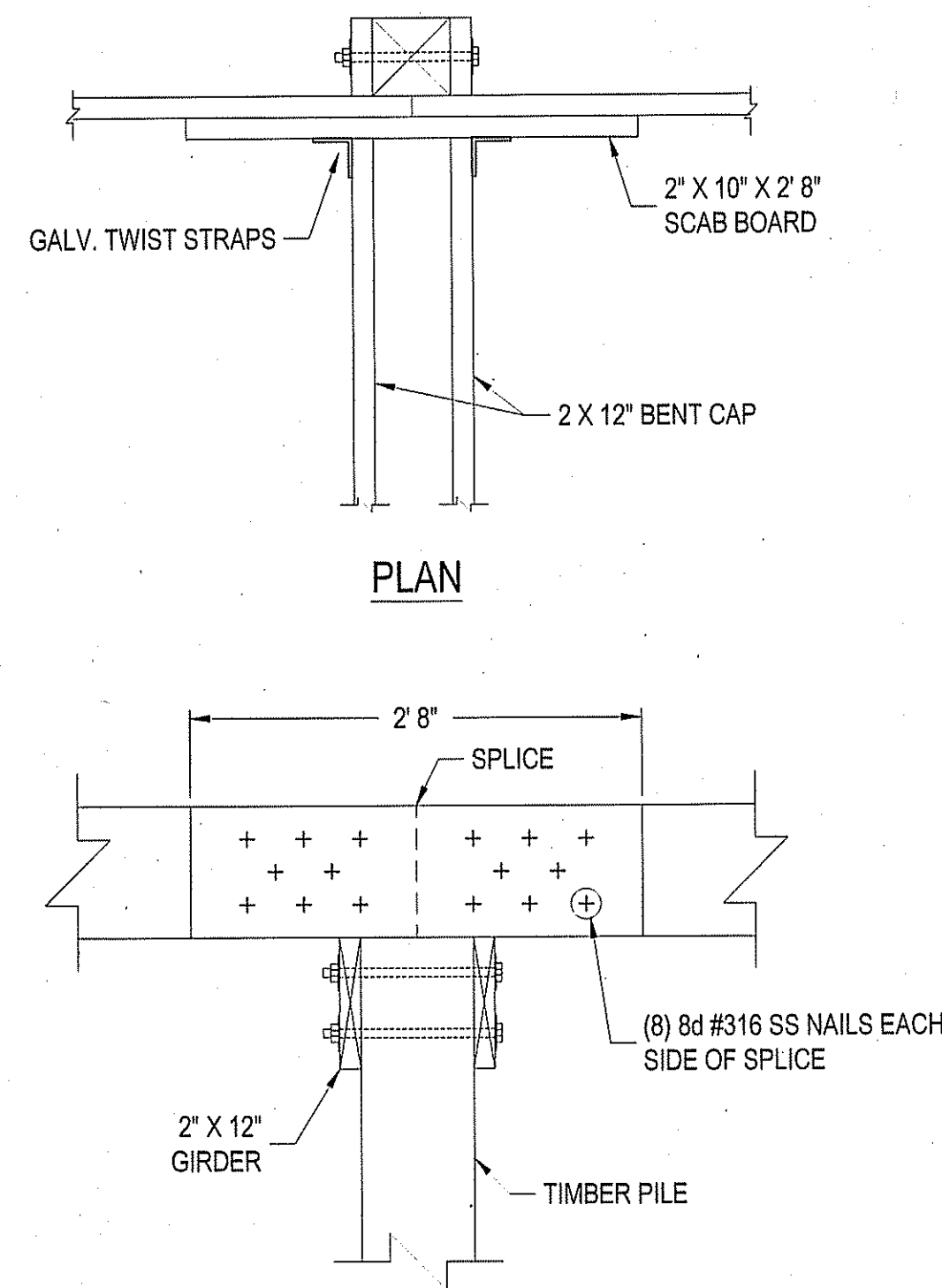
25262



- NOTES:
- GUARDS FOR STAIRWELLS SHALL HAVE A MINIMUM HEIGHT OF 42 INCHES MEASURED FROM THE LEADING EDGES OF THE TREAD NOSINGS.
 - GUARDS SHALL HAVE A MAXIMUM OPENING OF 6" AT THE TRIANGULAR OPENING AT THE OPEN SIDE OF THE STAIR FORMED BY THE RISER, TREAD, AND BOTTOM RAIL.
 - MAXIMUM OPENING BETWEEN GUARDS SHALL BE 4".
 - OWNER SHALL PROVIDE HANDRAILS AT ALONG BOTH SIDES OF RAMPS AND STAIRWELLS WITH A MINIMUM HEIGHT OF 34" AND MAXIMUM HEIGHT OF 38" ABOVE THE FINISHED SURFACE.
 - HANDRAILS SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA BUILDING CODE FOR GRASPABILITY.
 - HANDRAILS SHALL BE CONTINUOUS WITH EXTENSIONS PER THE NORTH CAROLINA BUILDING CODE.

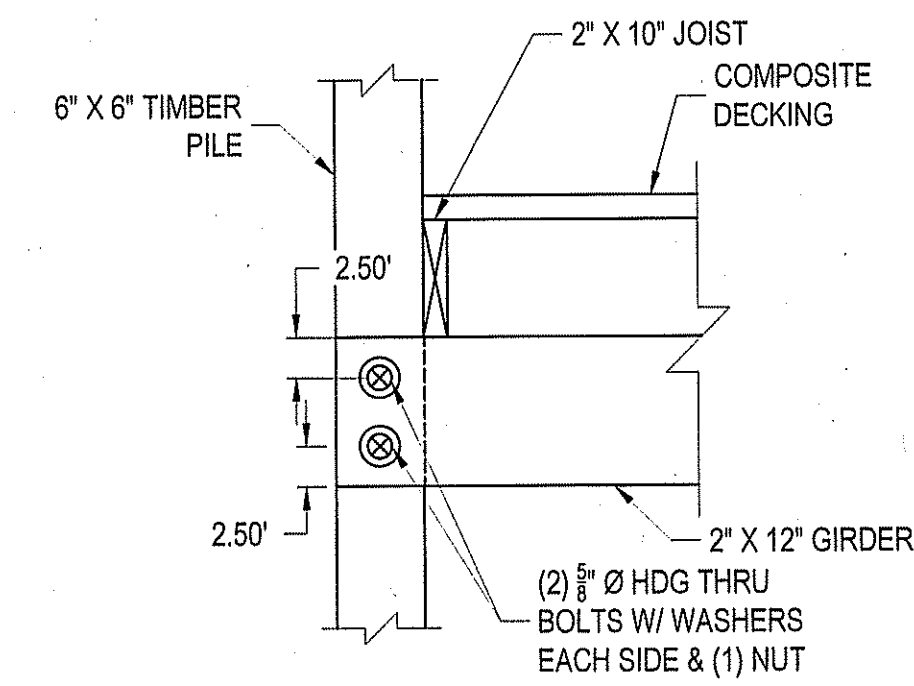
STAIRWELL DETAIL

SCALE: $\frac{3}{4}" = 1' 0"$



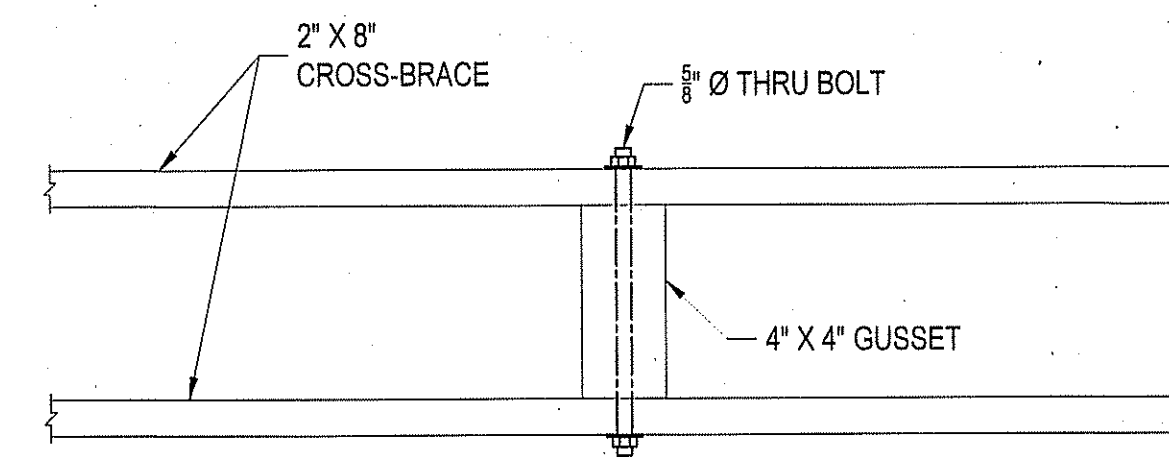
SPLICE & SCAB DETAILS

SCALE: NOT TO SCALE



GIRDER-POST CONNECTION DETAIL

SCALE: $1" = 1' 0"$



GUSSET DETAIL

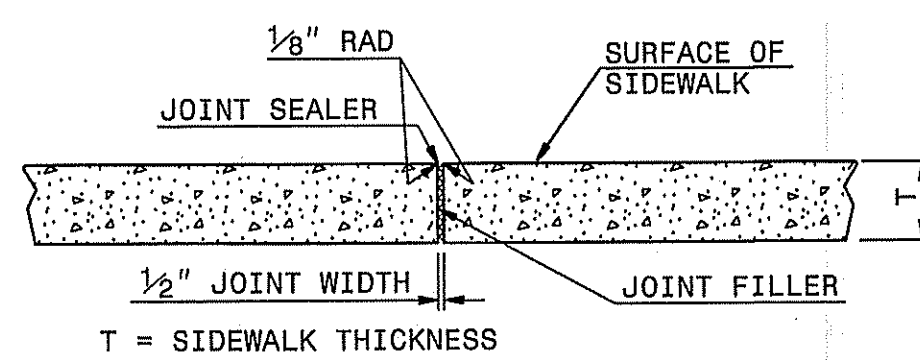
SCALE: $1 \frac{1}{2}" = 1' 0"$

NOTES:

CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.

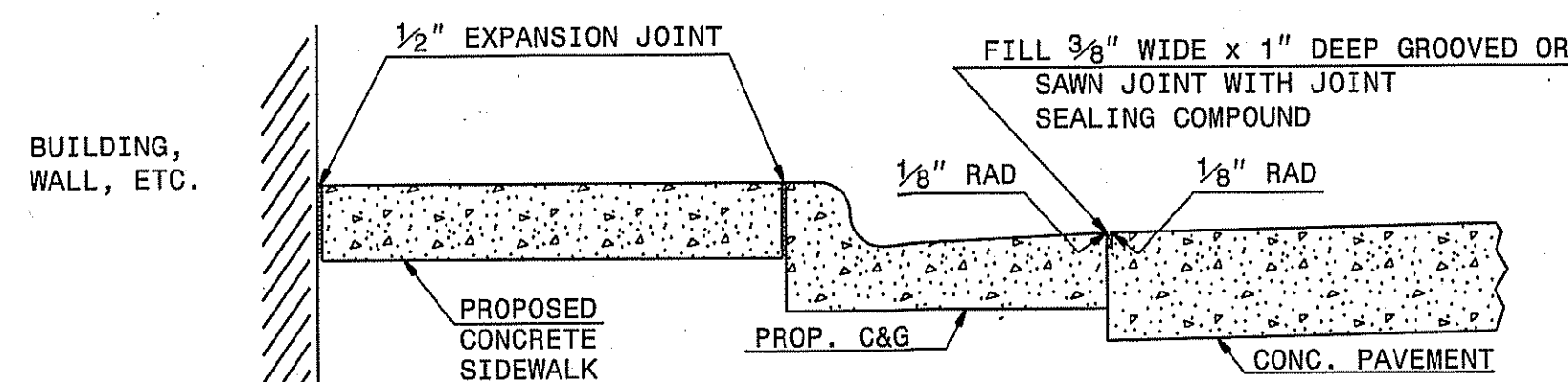
PLACE A GROOVE JOINT 1" DEEP WITH $\frac{1}{8}"$ RADII IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE $\frac{1}{2}"$ EXPANSION JOINT WILL BE REQUIRED AT 50' INTERVALS. A $\frac{1}{2}"$ EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.

SEE STD. DWG. 848.05 FOR CURB RAMP LOCATION REQUIREMENTS AND CONSTRUCTION GUIDELINES.



TRANSVERSE EXPANSION JOINT IN SIDEWALK

T = SIDEWALK THICKNESS

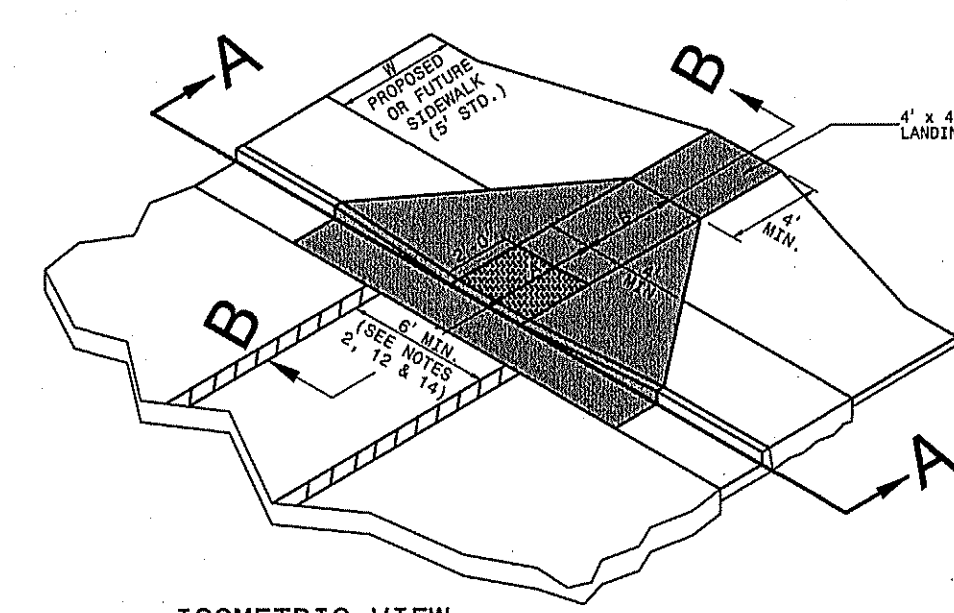


DETAILS SHOWING JOINTS IN CONCRETE SIDEWALK

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

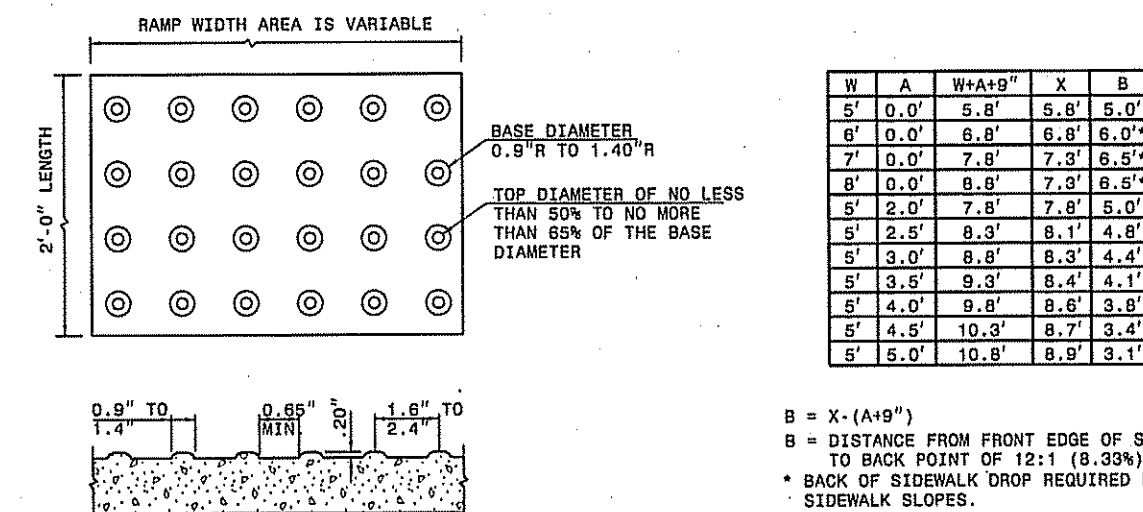
ROADWAY STANDARD DRAWING FOR
CONCRETE SIDEWALK

SHEET 1 OF 1
848.01

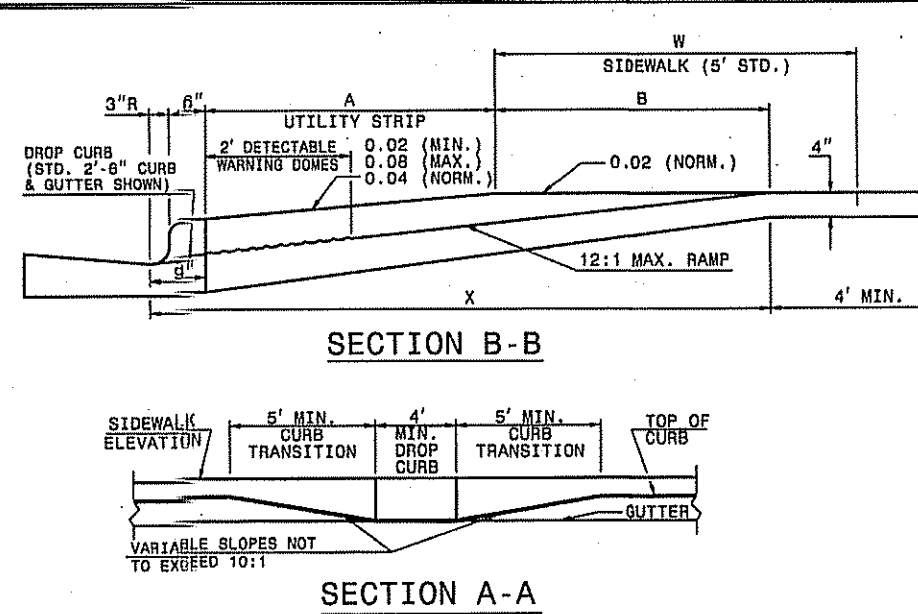


ISOMETRIC VIEW

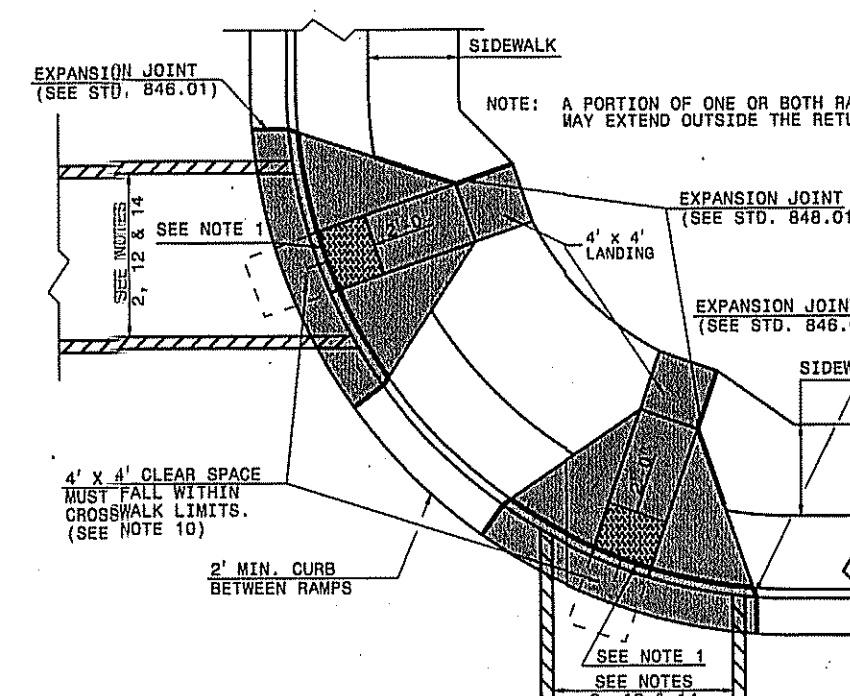
- NOTES:
- DETECTABLE WARNING DOMES WILL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 - DETECTABLE WARNING DOMES WILL CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



DETECTABLE WARNING DOMES



SECTION A-A



PLAN VIEW

DUAL RAMPS
ANY RADII
(4' MIN. FLOOR WIDTH)

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP
PROPOSED CURB AND GUTTER

SHEET 1 OF 3
848.05

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GDS

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GDS

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JJW

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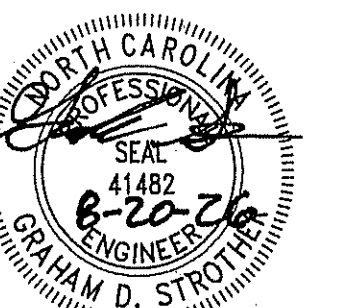
PROJECT:

SEA ISLE BOARDWALK
REPLACEMENT

CARTERET COUNTY, NC

DRAWING:

DETAILS



NO.	REVISION	ISSUED FOR BID	BY	DATE
1			GDS	08/20/2026

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C6

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