

QUICK POINT NATURE PRESERVE CONSTRUCTION DOCUMENTS

PREPARED FOR:
THE TOWN OF LONGBOAT KEY, FLORIDA

VICINITY MAP



SHEET INDEX

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DSW
DESIGN STUDIOS WEST
• • •

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130 N. TAMiami TRAIL, SUITE 301
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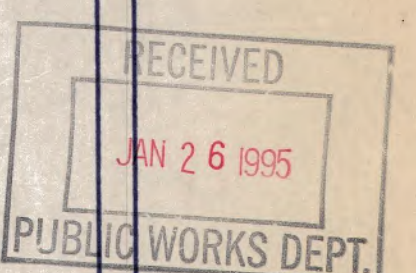
COASTAL DUNES
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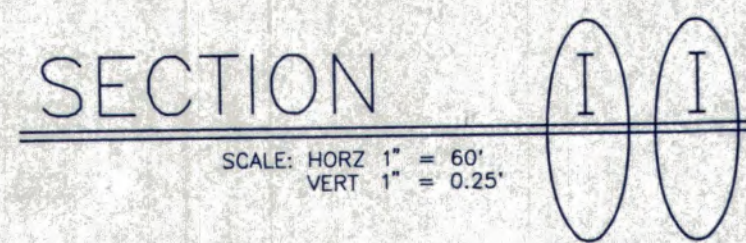
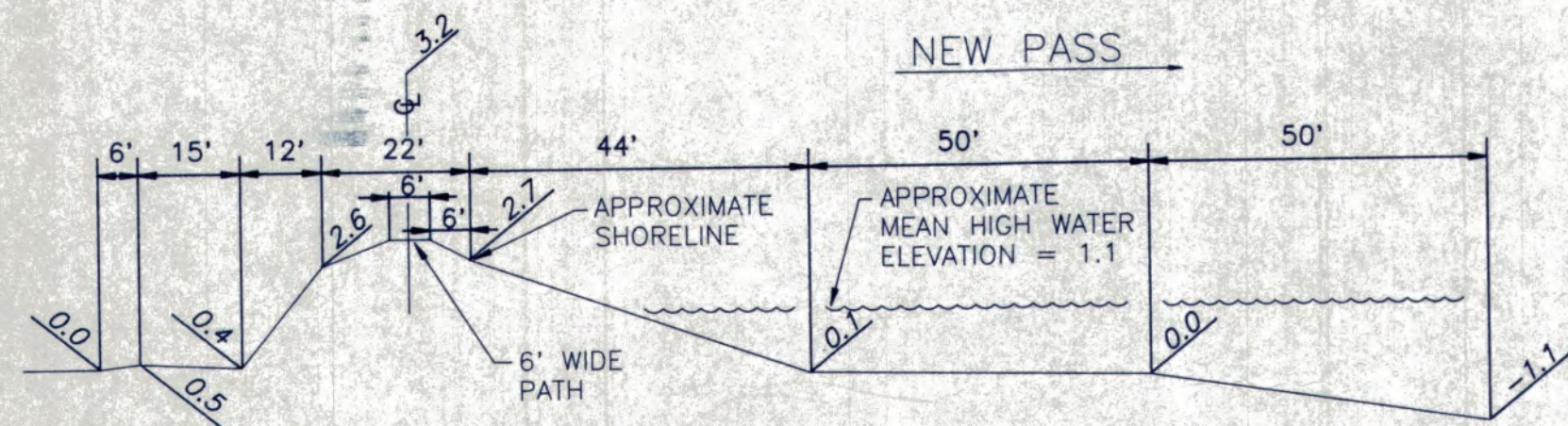
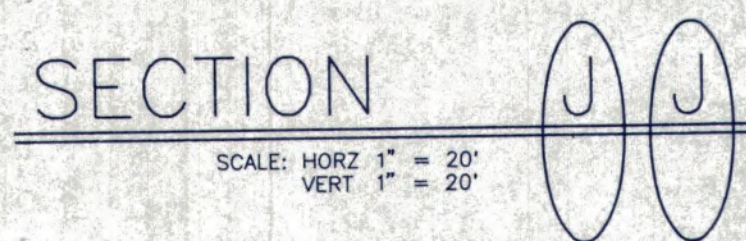
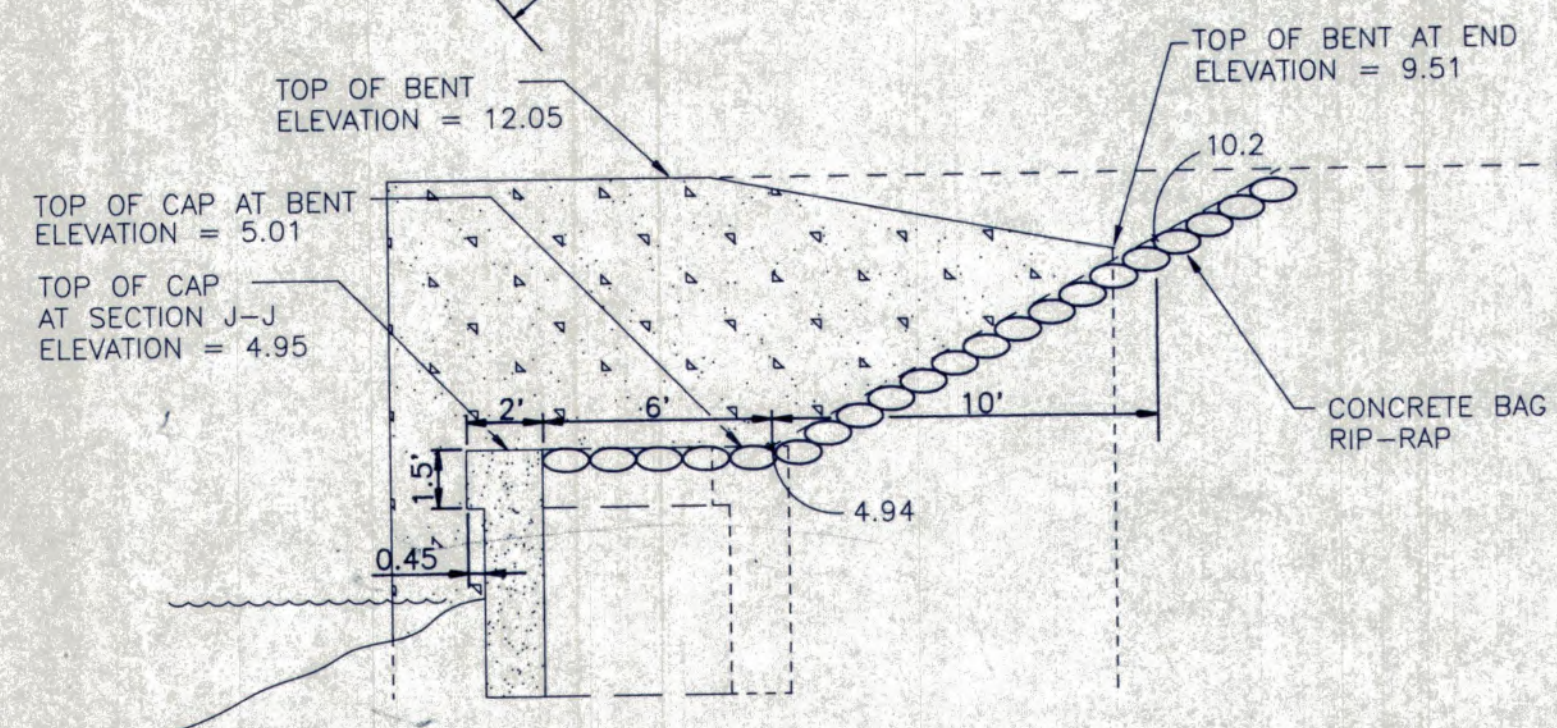
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PROFESSIONAL LAND SURVEYORS
8818 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3084

LOCATION MAP



DATE: JANUARY 23, 1995
JOB NUMBER: 0441.00
SET #



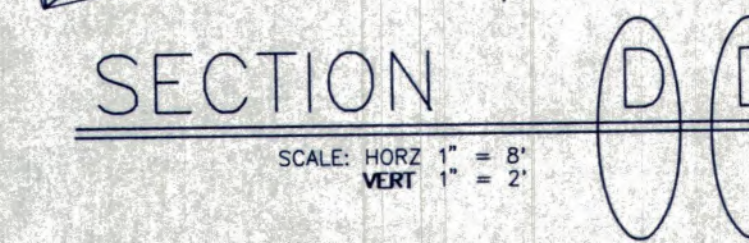
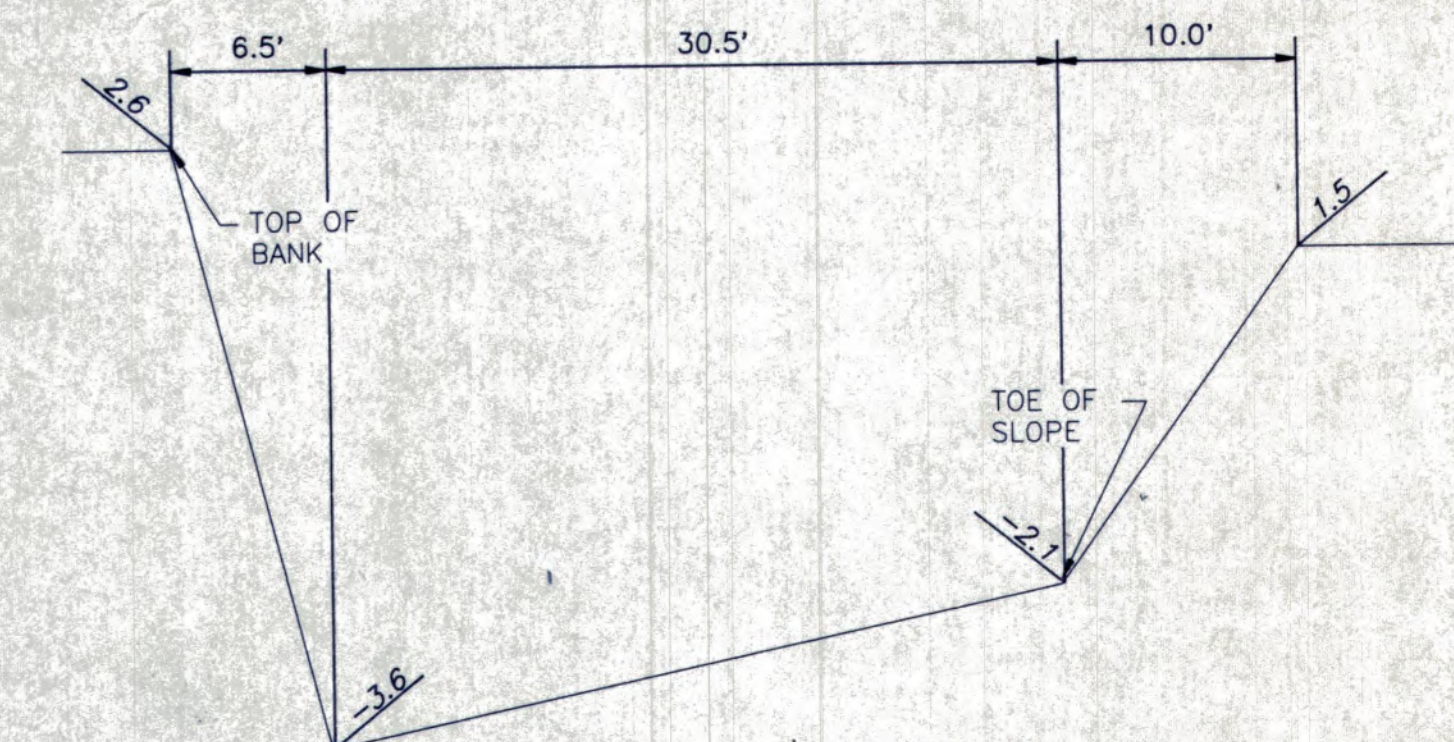
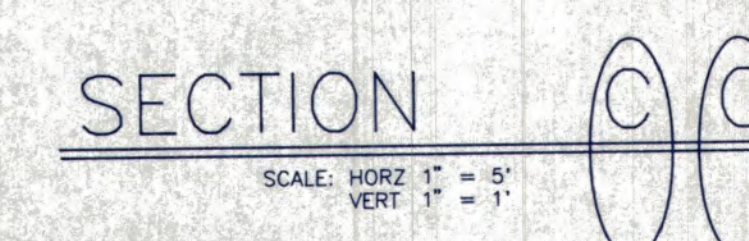
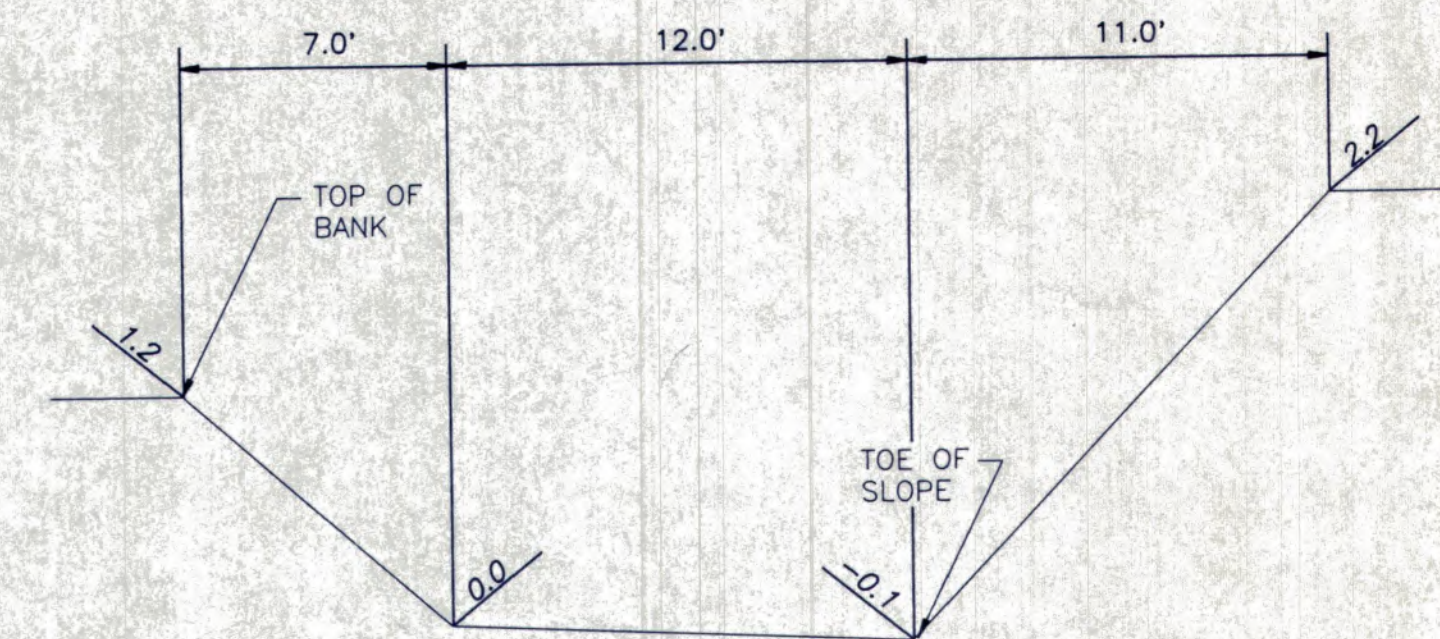
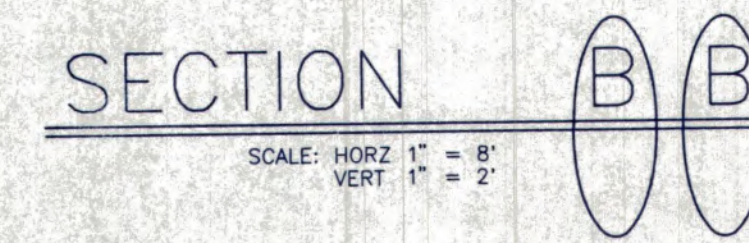
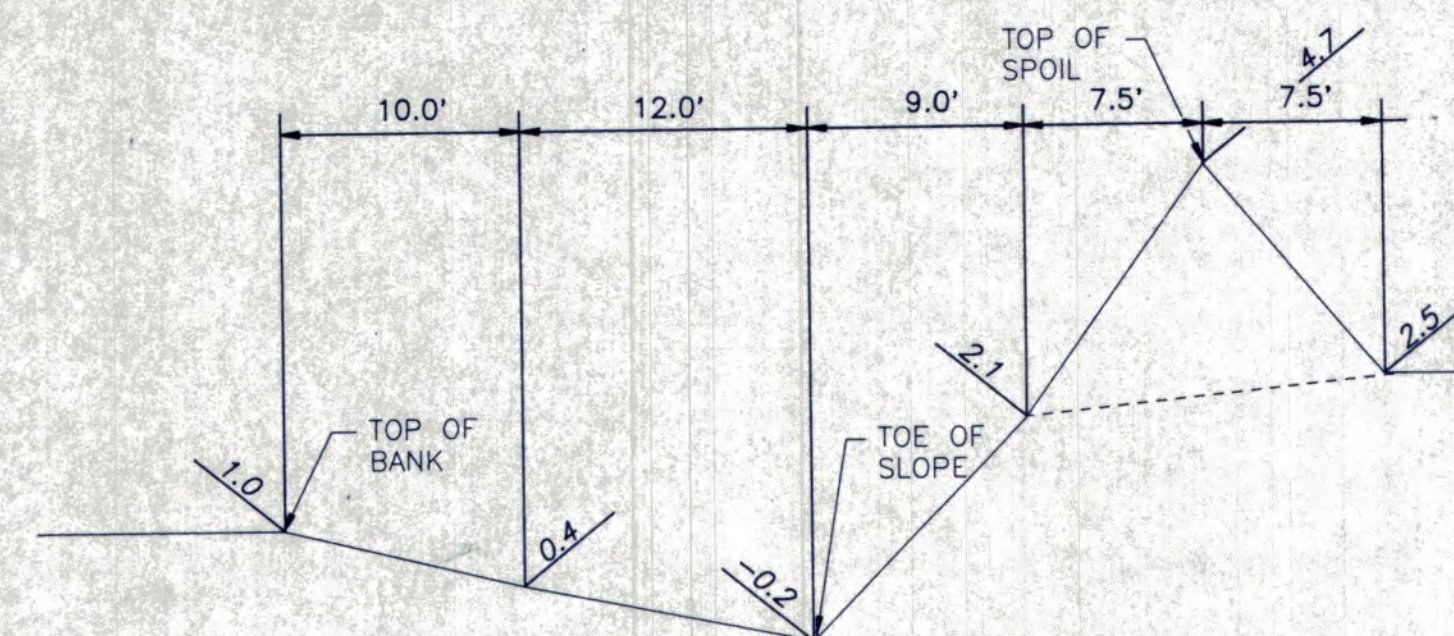
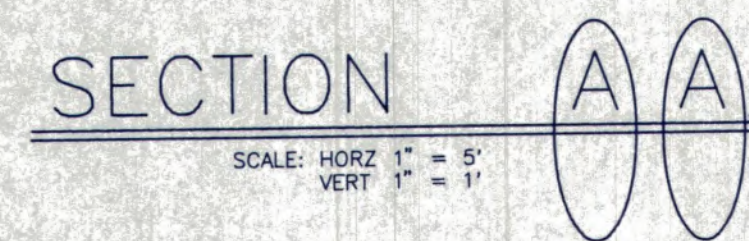
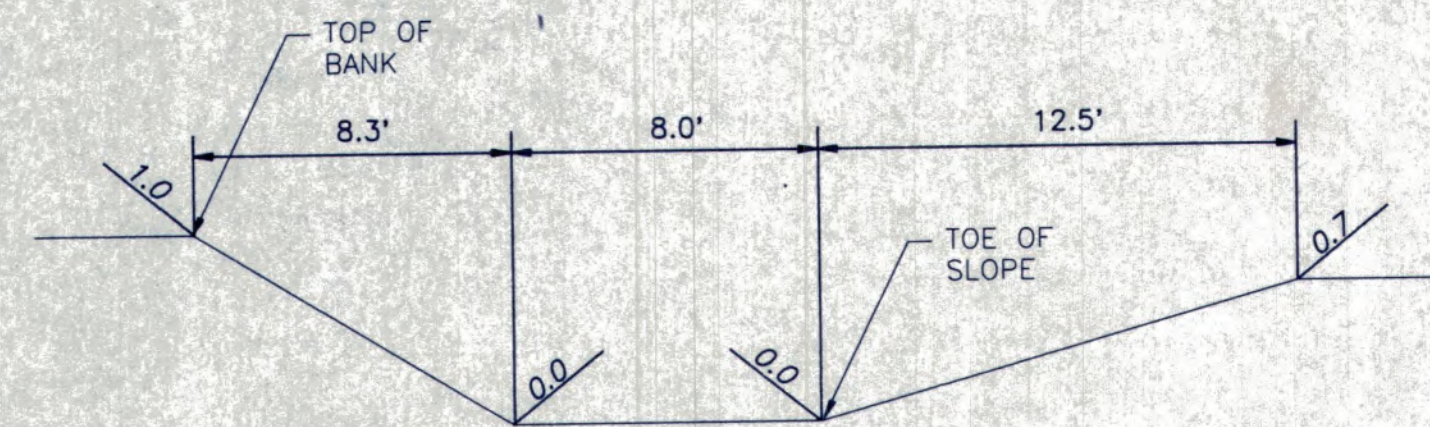
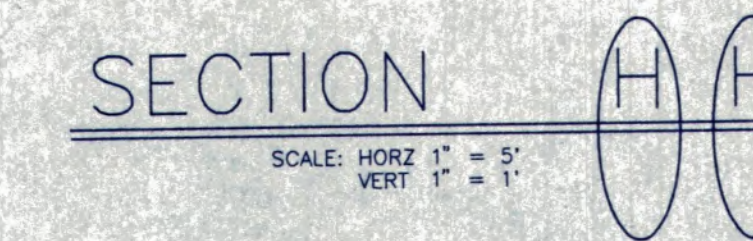
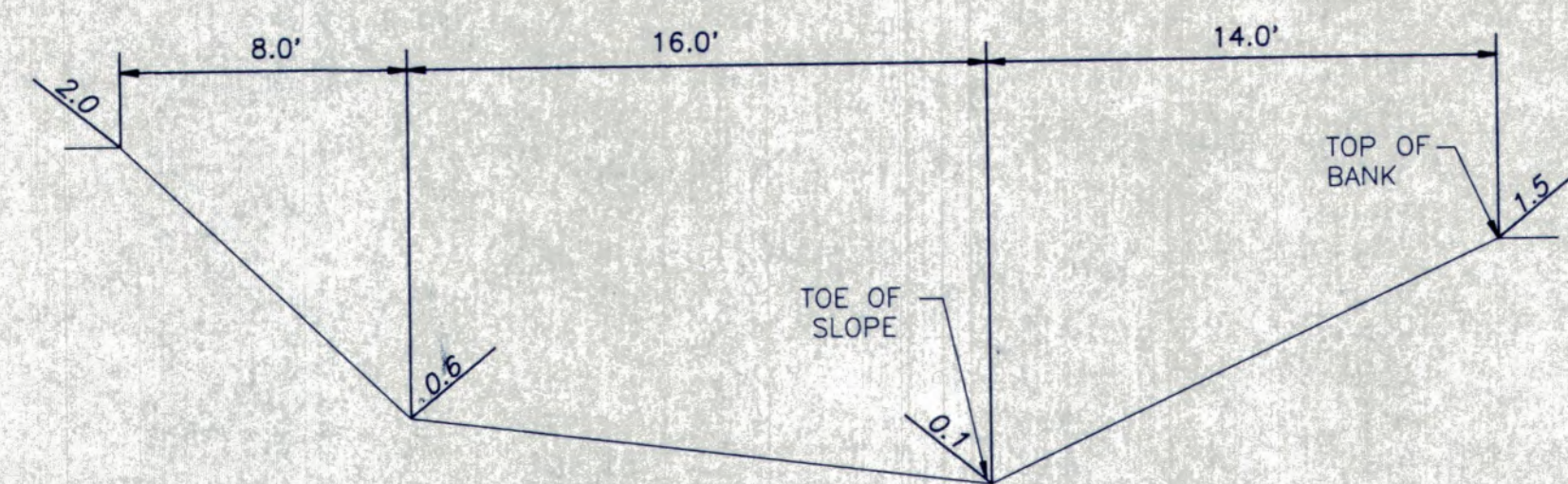
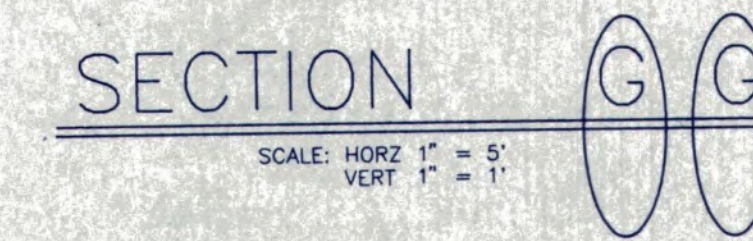
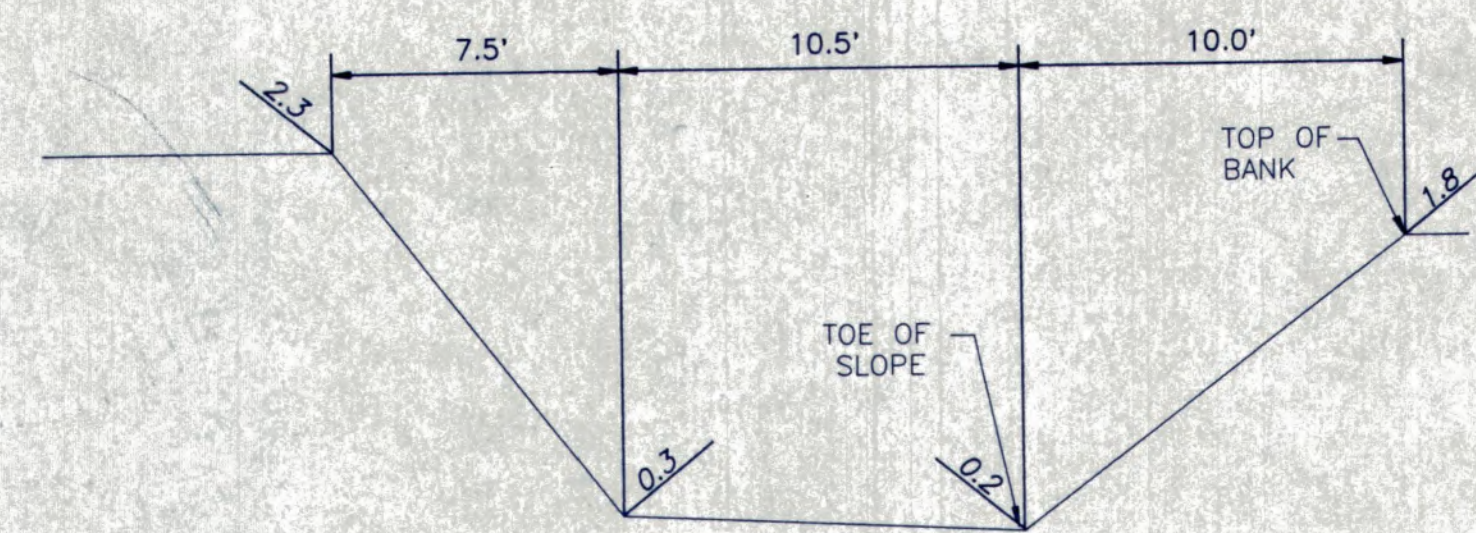
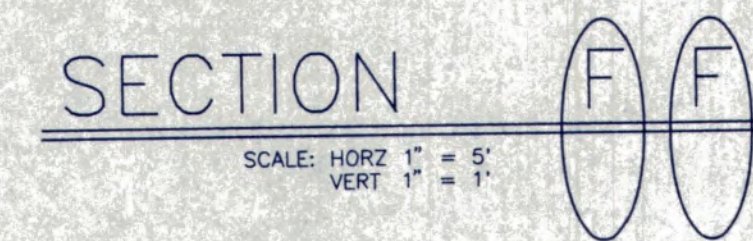
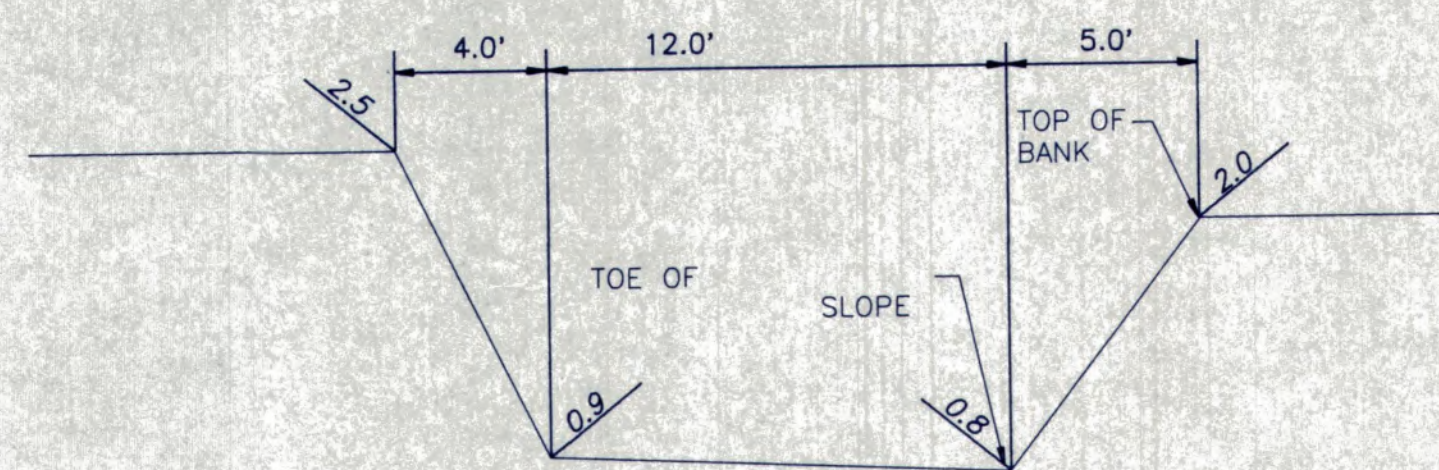
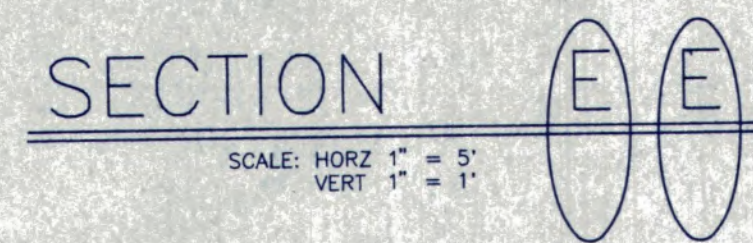
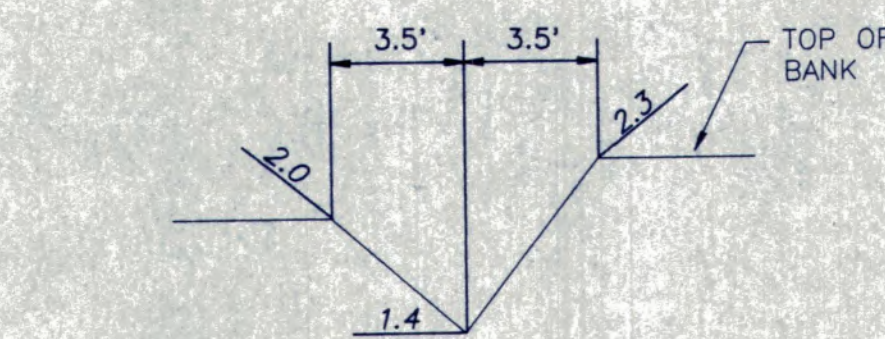


CERTIFIED TO: DESIGN STUDIOS WEST, INC.
COASTAL DUNES, INC.
TOWN OF LONGBOAT KEY, FLORIDA

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY REPRESENTS A FIELD SURVEY PERFORMED ON 02-12-93 UNDER MY DIRECTION ON AND THAT IT MEETS THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO CHAPTER 472 OF THE FLORIDA STATUTES AND CHAPTER 21HH-6 OF THE FLORIDA ADMINISTRATIVE CODE.

DATE SIGNED:..... KENNETH R. PALMER, FLORIDA CERTIFICATE No. 4661
 SURVEY NOT VALID UNLESS IMPRINTED WITH AN EMBOSSED SEAL AND SIGNED IN INK



SURVEYOR'S NOTES:

5. THIS DOCUMENT IS AN INSTRUMENT OF CONVEYANCE OF THE PROJECT TO WHICH IT APPLIES WITHOUT THE NEED FOR ANY FURTHER WRITTEN CONSENT OR COARTATION BY MR PALMER & ASSOCIATES, P.A. WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO MR PALMER & ASSOCIATES, P.A.
6. PROPERTY IS LOCATED IN FLOOD ZONE "A1-3", PER FLOOD INSURANCE RATE MAP # 123126 0010 B. DATE 8-15-83
7. ELEVATIONS SHOWN, IF ANY, ARE BASED ON NATIONAL GEODETTIC VERTICAL DATUM (1929), REFERENCE BENCH MARK # 12, SAKASOTA COUNTY
8. LOCATION OF JURISDICTIONAL LINE WAS MARKED BY COASTAL DUNES INC., FEBRUARY 1993.

1. SKETCH OF PROPERTY SHOWN IS TAKEN FROM BISHOP & ASSOCIATES DRAWING #219-081, DATED 1974, STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP OF STATE ROAD NO. 789 PROJECT NO. 17030-2506.
2. THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES AND UNDERGROUND FOUNDATIONS OR ANY OTHER PERTINENT ATTRIBUTES TO SUBJECT PROPERTY (IF ANY) NOT ABSTRACTED AS PART OF THIS SURVEY, EXCEPT AS SHOWN.
3. BEARINGS ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY STATE ROAD NO. 789.
4. SUBJECT TO ALL RESTRICTIONS, RIGHTS OF WAY AND EASEMENTS OF RECORDS, IF ANY.

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TOPOGRAPHIC SURVEY QUICK POINT PRESERVE

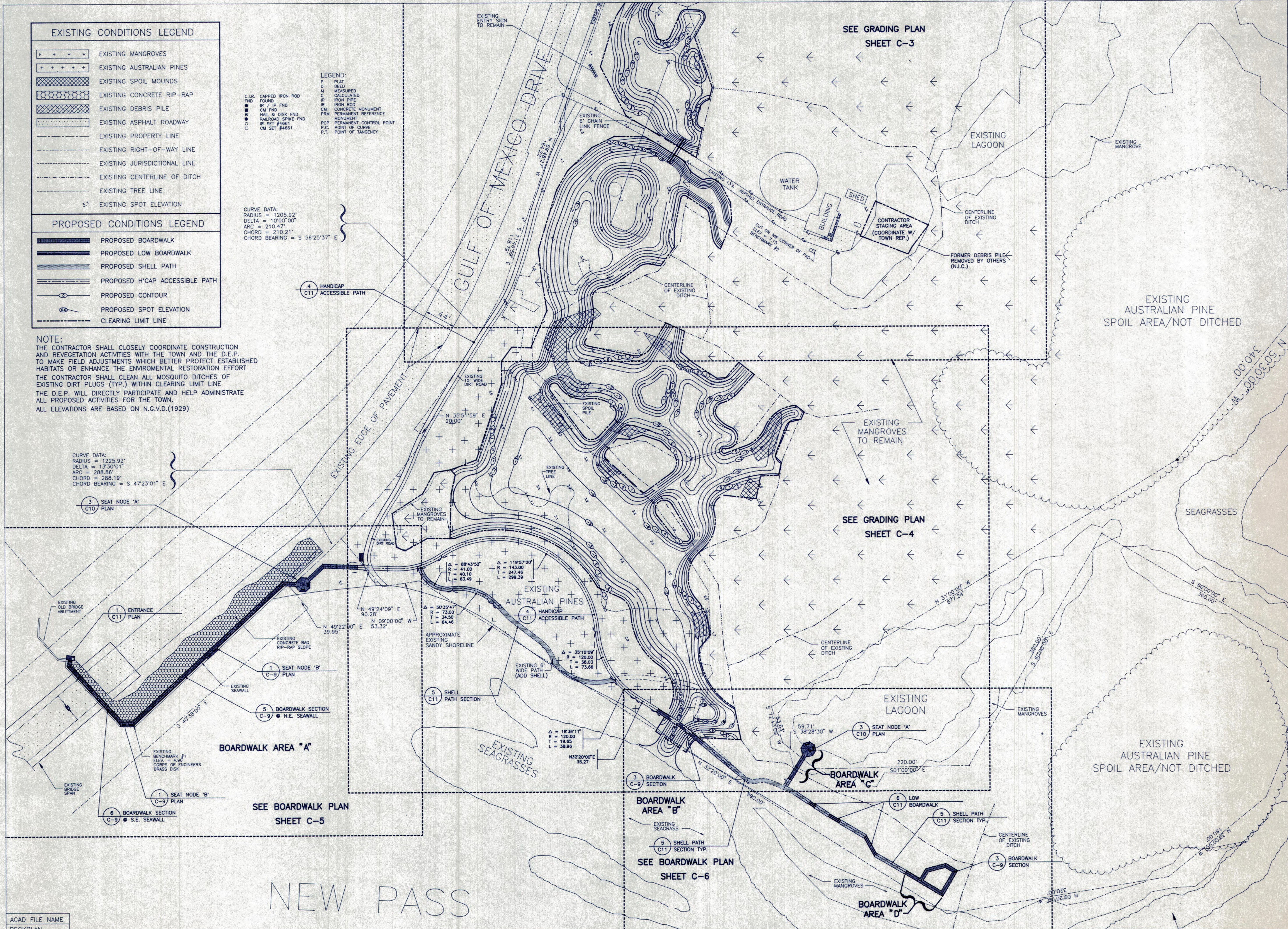
SHEET
5-2

(K_R) PALMER & ASSOCIATES, P.A.

PROFESSIONAL LAND SURVEYORS

6619 GEORGIA AVENUE * BRADENTON, FL 34207 * (813) 751-3094

THIS SURVEY IS ISSUED FOR INFORMATION ONLY.
THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL CONDITIONS REPRESENTED ON THIS DRAWING



PREPARED FOR:
**THE TOWN OF
LONGBOAT KEY,
FLORIDA**

**QUICKPOINT
NATURE PRESERVE**

SHEET TITLE:
**OVERALL
KEY PLAN**

DSW
DESIGN STUDIOS WEST, INC.

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ARCHITECTURE • LANDSCAPE ARCHITECTURE
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SARASOTA DENVER

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PALMER & ASSOCIATES, P.A.

PROFESSIONAL LAND SURVEYORS
6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

Sheet #

C-1

North

Date: 1/23/95	Scale: 1"=60'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM

PREPARED FOR:
**THE TOWN OF
LONGBOAT KEY,
FLORIDA**

QUICKPOINT NATURE PRESERVE

SHEET TITLE:
**CLEARING
DEMO. PLAN**

DSW
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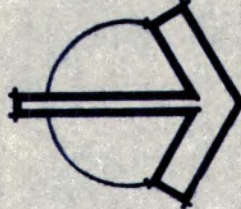
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Sheet #

C-2 
North

Date: 1/23/95	Scale: 1"=60'
Drawn by: PFK	Job #: 0441.00
Revisions:	Checked by: RGM

EXISTING CONDITIONS LEGEND	
	EXISTING MANGROVES
	EXISTING AUSTRALIAN PINES
	EXISTING SPOIL MOUNDS
	EXISTING CONCRETE RIP-RAP
	EXISTING DEBRIS PILE
	EXISTING ASPHALT ROADWAY
	EXISTING PROPERTY LINE
	EXISTING RIGHT-OF-WAY LINE
	EXISTING JURISDICTIONAL LINE
	EXISTING CENTERLINE OF DITCH
	EXISTING TREE LINE
	EXISTING SPOT ELEVATION
PROPOSED CONDITIONS LEGEND	
	PROPOSED BOARDWALK
	PROPOSED LOW BOARDWALK
	PROPOSED SHELL PATH
	PROPOSED H'CAP ACCESSIBLE PATH
	PROPOSED CONTOUR
	PROPOSED SPOT ELEVATION
	CLEARING LIMIT LINE

C.I.R. CAPPED IRON ROD
FND FOUND
IR / IP FND
CM FND
NAIL & DISK FND
RAILROAD SPIKE FND
IR SET #4661
CM SET #4661

LEGEND:
P PLAT
D DEED
M MEASURED
C CALCULATED
IR IRON ROD
CM CONCRETE MONUMENT
PRM PERMANENT REFERENCE
MONUMENT
P.C. POINT OF CURVE
P.T. POINT OF TANGENCY

CURVE DATA:
RADIUS = 1205.92'
DELTA = 107°00'00"
ARC = 210.47'
CHORD = 210.21'
CHORD BEARING = S 56°25'37" E

DEMOLITION NOTES

- 1) SEE SHEET C-7 FOR EROSION CONTROL DETAILS
- 2) CLEARING LIMIT LINE TO BE DEMARCATED WITH SILT FENCE
- 3) CLEARING LIMITS SHALL BE 3' UPLAND OF THE PROPOSED TOP OF BANK
- 4) LIMITS SHALL BE REVIEWED BY OWNER'S REPRESENTATIVES PRIOR TO COMMENCEMENT OF CLEARING ACTIVITIES
- 5) THE OWNER SHALL HAVE THE RIGHT TO MAKE MINOR FIELD ADJUSTMENTS TO THE CLEARING LIMITS TO PROTECT EXISTING VEGETATION
- 6) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE AS FEW MANGROVES AS POSSIBLE
- 7) PROPOSED GRADING SHOWN IS SCHEMATIC ONLY
- 8) ALL EXISTING VEGETATION IN EXCESS OF 3" CAL. SHOWN TO REMAIN WITHIN THE CLEARING LIMITS SHALL BE PROTECTED WITH TREE BARRIERS
- 9) CLEARED VEGETATION TO BE CHIPPED AND SPREAD ON SITE AT THE DIRECTION OF THE TOWN'S REPRESENTATIVES. ALL UNSATISFACTORY MATERIAL SHALL BE REMOVED FROM THE SITE.
- 10) ALL EXISTING SPOIL MOUNDS WITHIN LIMITS TO BE REMOVED
- 11) ALL EXCAVATION SHALL BE PERFORMED USING LAND BASED EQUIPMENT, CHAIN SAWS AND OTHER HAND OPERATED EQUIPMENT MAYBE REQUIRED TO CAREFULLY SEPARATE EXOTIC VEGETATION FROM NATIVE VEGETATION TO REMAIN

CURVE DATA:
RADIUS = 1225.92'
DELTA = 133°00'01"
ARC = 288.86'
CHORD = 288.19'
CHORD BEARING = S 47°23'01" E

NEW PASS

ACAD FILE NAME
DECKPLAN

SHEET TITLE:

DSW
DESIGN STUDIOS WEST, INC.

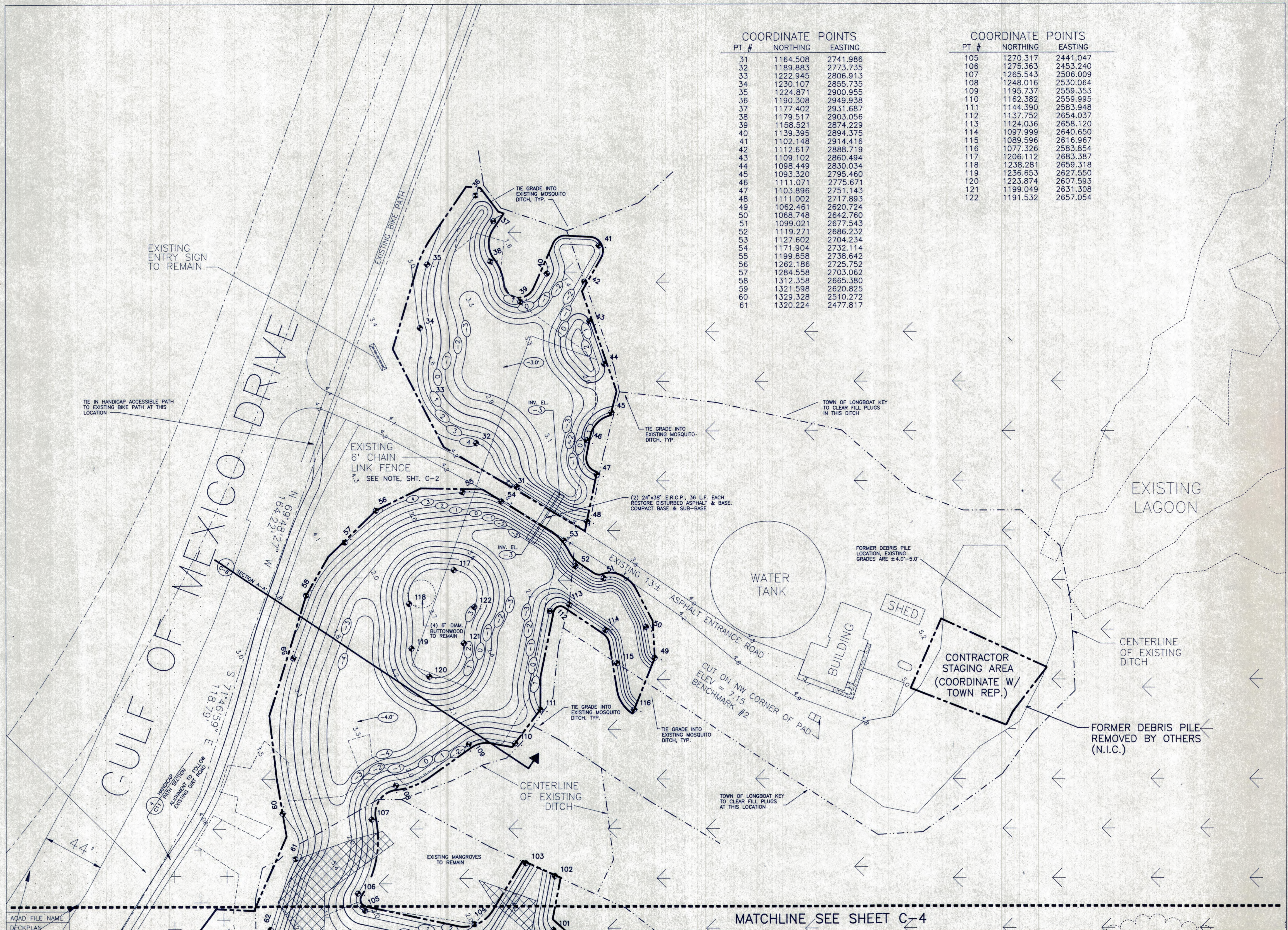
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Ⓚ_R PALMER & ASSOCIATES, P.A.

Sheet #

C-3 

Date: 1/23/95	Scale: 1"=30'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM



PREPARED FOR:
**THE TOWN OF
LONGBOAT KEY,
FLORIDA**

**QUICKPOINT
NATURE PRESERVE**

SHEET TITLE:
**BOARDWALK
PLAN**

DSW
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PALMER & ASSOCIATES, P.A.

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Sheet #

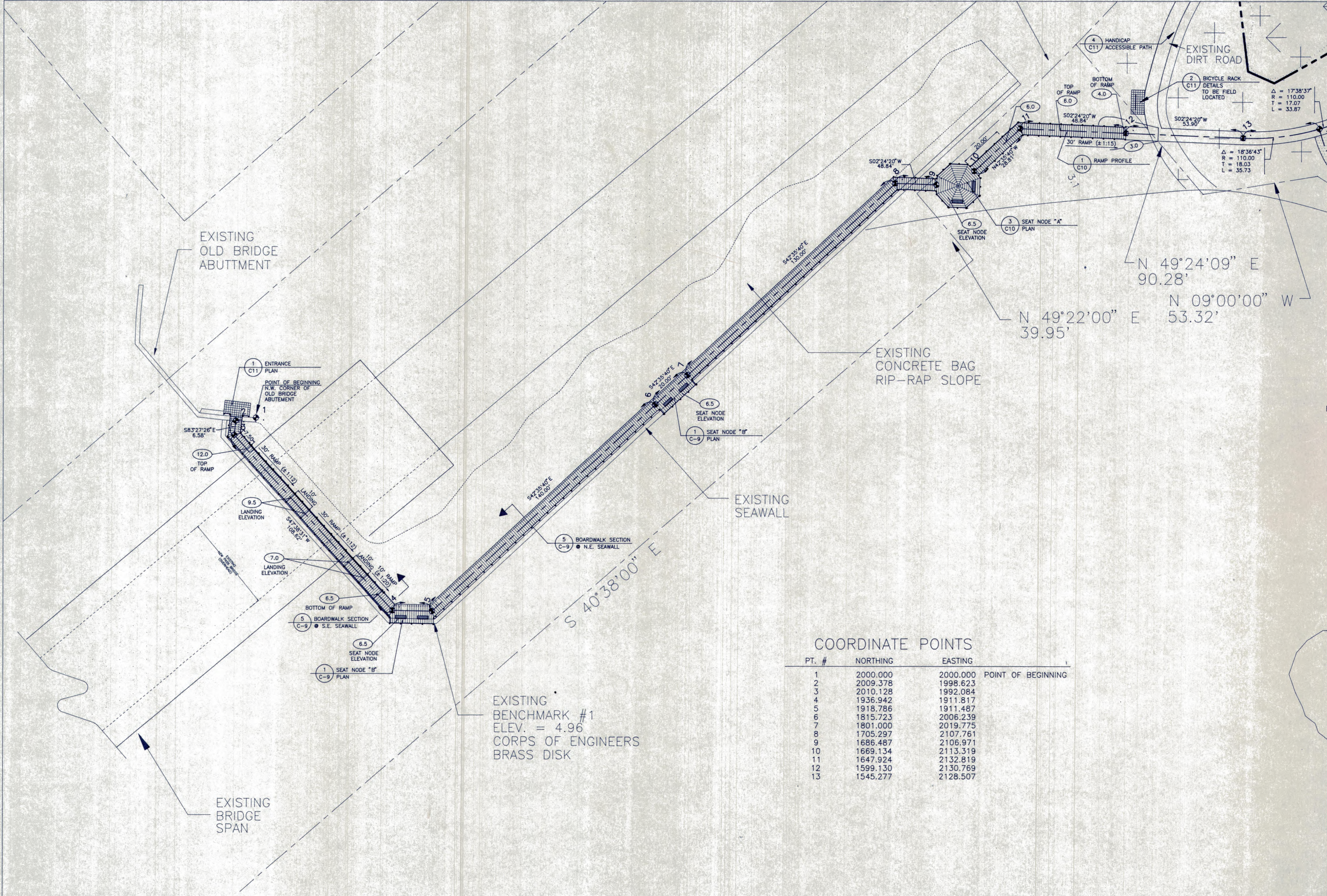
C-5

North

Date: 1/23/95 Scale: 1"=20'

Drawn by: PFK Job # 0441.00

Revisions: Checked by: RGM



COORDINATE POINTS			
PT. #	NORTHING	EASTING	
1	2000.000	2000.000	POINT OF BEGINNING
2	2009.378	1998.623	
3	2010.128	1992.084	
4	1936.942	1911.817	
5	1918.786	1911.487	
6	1815.723	2006.239	
7	1801.000	2019.775	
8	1705.297	2107.761	
9	1686.487	2106.971	
10	1669.134	2113.319	
11	1647.924	2132.819	
12	1599.130	2130.769	
13	1545.277	2128.507	

ACAD FILE NAME
DECKPLAN

QUICKPOINT NATURE PRESERVE

DSW
DESIGN STUDIOS WEST, INC.

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**K
R** PALMER & ASSOCIATES, P.A.
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C-6  North

Date: 1/23/95	Scale: 1"=20'
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: RGM

COORDINATE POINTS		
PT. #	NORTHING	EASTING
18	1201.522	1944.763
19	1171.719	1925.897
20	1137.921	1904.504
21	1107.095	1879.013
22	1055.032	1835.961
23	990.709	1815.676
24	961.704	1861.266
25	974.207	1807.063
26	927.309	1776.059
27	875.580	1745.660
28	860.781	1719.565
29	817.673	1694.232
30	765.944	1663.833

**QUICKPOINT
NATURE PRESERVE**

SHEET TITLE:
**EROSION
CONTROL**

DSW
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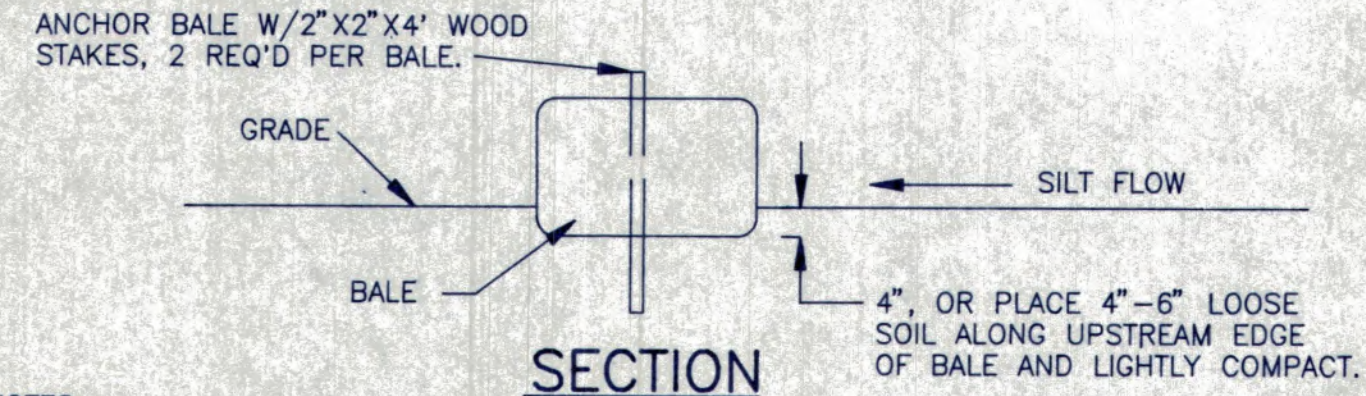
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Sheet #

C-7

Date: 1/23/95	Scale: N.T.S.
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: GKL



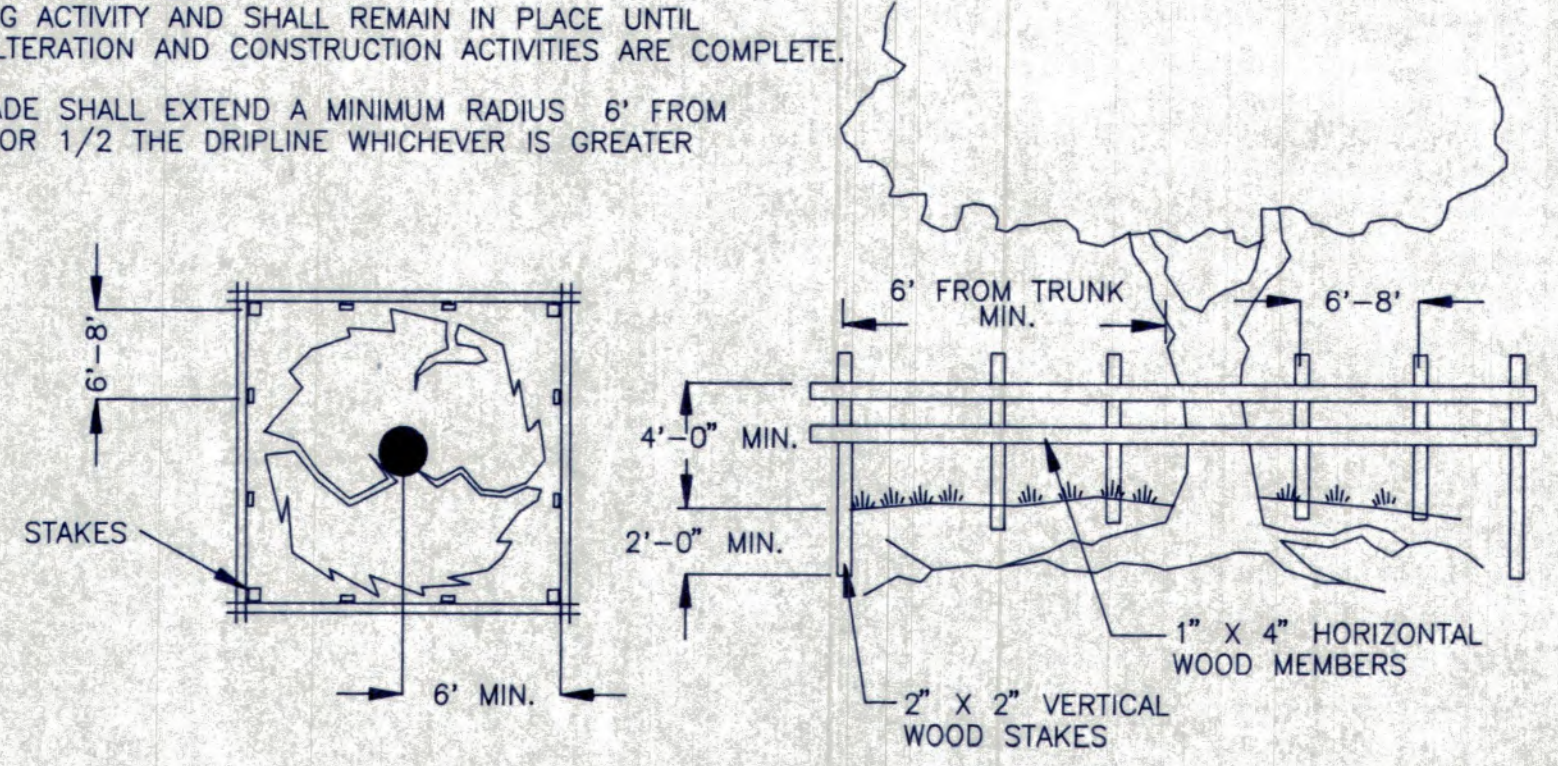
- NOTES:
1. EROSION AND SEDIMENT CONTROL APPLICATIONS MUST BE MAINTAINED FOR ENTIRE DURATION OF PROJECT OR UNTIL VEGETATION IS ESTABLISHED AS DIRECTED BY ENGINEER.
 2. DURING CONSTRUCTION ALL MEASURES FOR EROSION AND SEDIMENT CONTROL WILL BE TAKEN, INCLUDING BUT NOT LIMITED TO, USE OF TURBIDITY SCREENS, MULCHING, HAY BALES, AND VEGETATION PLACEMENT AT THE EARLIEST POSSIBLE TIME AFTER EXCAVATION/GRADING. ALL SILTATION/EROSION CONTROL MEASURES WILL BE TAKEN WHICH MEET THE STATE OF FLORIDA D.O.T. INDEX NO. 102 & 103.
 3. EROSION AND SEDIMENT CONTROL MEASURES FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING (NOT SHOWN), FENCE OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION & SEDIMENT CONTROL AND WATER QUALITY REQUIREMENTS INCORPORATED IN VARIOUS ENVIRONMENTAL PERMITS FOR THIS JOB. MEASURES SPECIFICALLY SHOWN ARE TO BE CONSIDERED AS A MINIMUM. ADDITIONAL CONTROL MEASURES WILL BE AT THE CONTRACTORS OPTION, AT NO ADDITIONAL COST TO THE OWNER.
 4. EROSION & SEDIMENT CONTROL MEASURES SHALL BE PLACED TO CONTAIN ALL POINTS OF DISCHARGE TO SURFACE WATERS INCLUDING CURB INLETS, DITCH BOTTOM INLETS, DITCHES, AND DOWNSTREAM PORTIONS OF STREAMS AND TIDAL WATERS ADJACENT TO CONSTRUCTION.
 5. DURING CONSTRUCTION, THE CONTRACTOR SHALL COLLECT AND ANALYZE TURBIDITY SAMPLES ON A DAILY BASIS WHEN THERE IS A DISCHARGE OF TURBID WATERS, WHICH COULD REASONABLY BE EXPECTED TO CAUSE A WATER QUALITY VIOLATION. SAMPLES SHALL BE TAKEN WITHIN THE CENTER OF ANY DISCHARGE PLUME AT A POINT WITHIN 50 FT. WATERWARD OF CONSTRUCTION ACTIVITY. WEEKLY WATER QUALITY/CONSTRUCTION UPDATE REPORTS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE.
 6. THE FOLLOWING MEASURES SHALL BE TAKEN IMMEDIATELY BY THE CONTRACTOR IF TURBIDITY EXCEEDS 29 NTU'S (NEPHLOMETRIC TURBIDITY UNITS) MORE THAN 50 FT. WATERWARD OF THE CONSTRUCTION AREA WITHIN THE OPEN WATERS OF NEW PASS OR SARASOTA BAY (EXCLUDING MOSQUITO DITCHES).
 - A) CEASE ALL WORK CONTRIBUTING TO THE WATER QUALITY DEGRADATION AND TAKE APPROPRIATE CORRECTIVE ACTION
 - B) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH DEP AND UPGRADE CONSTRUCTION PRACTICES, AS REQUIRED, TO PREVENT DEGRADATION OF ADJACENT WATERS AND HABITATS.

2 TYPICAL BALE PLACEMENT
N.T.S.

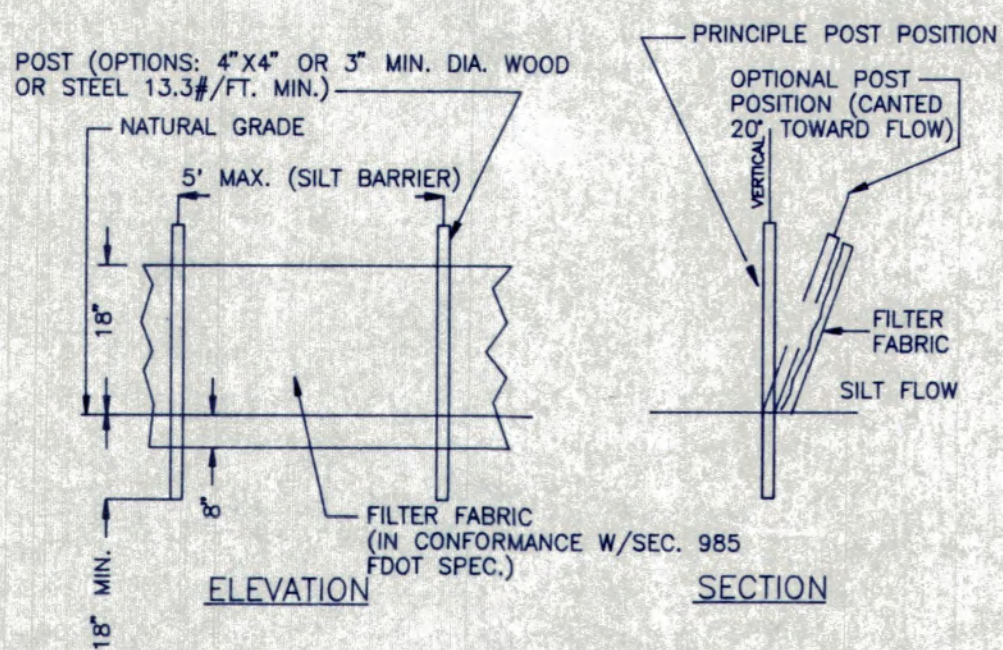
DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE TOWN.

ALL BARRIERS SHALL BE INSPECTED, AND APPROVED BY DESIGN STUDIOS WEST PRIOR TO ANY CLEARING ACTIVITY AND SHALL REMAIN IN PLACE UNTIL LAND ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETE.

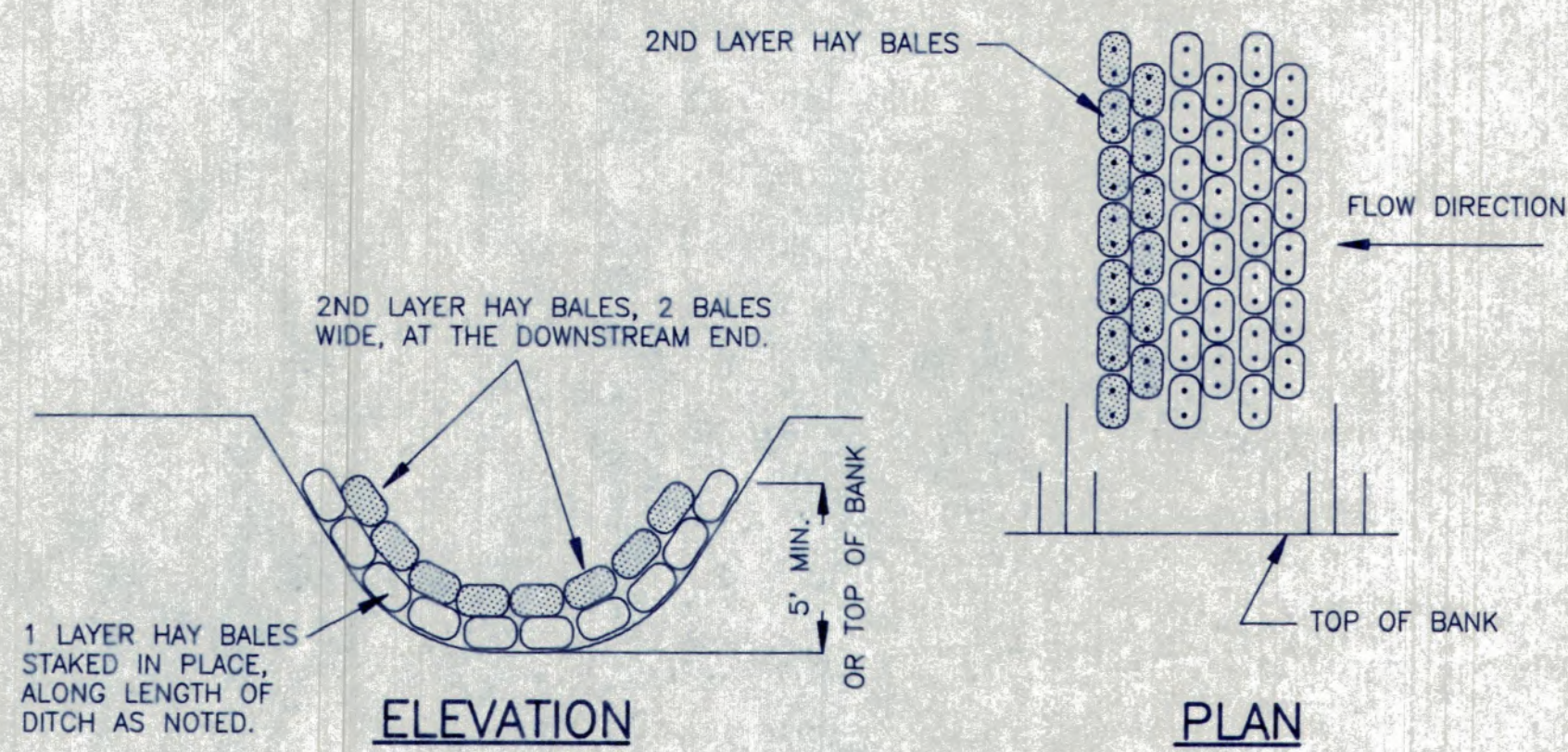
BARRICADE SHALL EXTEND A MINIMUM RADIUS 6' FROM TRUNK OR 1/2 THE DRIPLINE WHICHEVER IS GREATER



4 TREE PROTECTION
N.T.S.



1 STAKED SILT FENCE
N.T.S.



NOTE: IF SILT COLLECTION BY THE BALES CAUSES A SIGNIFICANT AMOUNT OF STANDING WATER UPSTREAM, SUCH THAT CONSTRUCTION ACTIVITIES ARE IMPAIRED, OR SUCH THAT STREAM FLOW BY-PASSES THE BARRIER SURFACE, THE ENTIRE BARRIER WILL BE REMOVED AND RE-CONSTRUCTED WITH NEW BALES, AS REQ'D FOR THE DURATION OF THE PROJECT.

3 HAY BALE SILT BARRIER
N.T.S.

QUICKPOINT NATURE PRESERVE

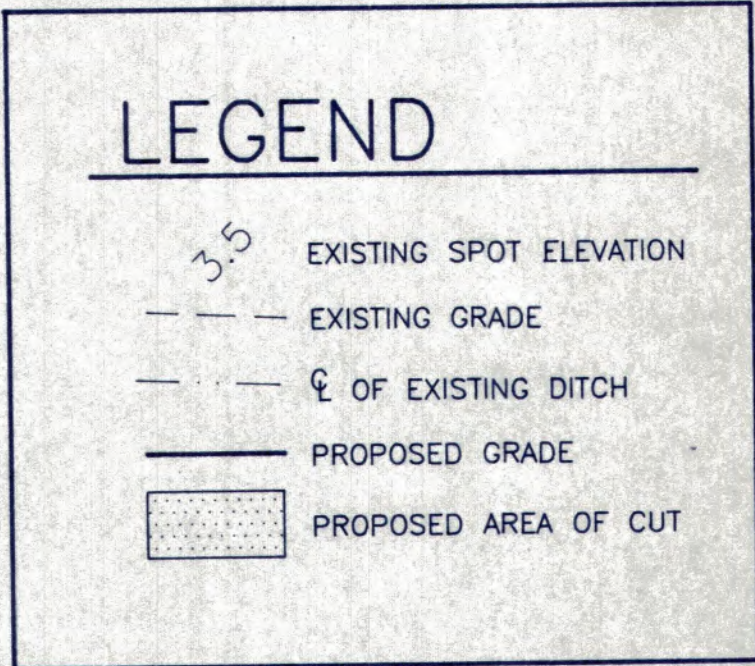
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6619 GEORGIA AVENUE • BRADENTON, FL 34207 • (813) 751-3094

C-8

Date: 1/23/95	Scale: NOTED
Drawn by: PFK	Job # 0441.00
Revisions:	Checked by: GKL



ACAD FILE NAME
C-8

**QUICKPOINT
 NATURE PRESERVE**

SHEET TITLE:
**BOARDWALK
 DETAILS**

DSW
 DESIGN STUDIOS WEST, INC.

PLANNING ENGINEERING
 ARCHITECTURE LANDSCAPE ARCHITECTURE
 1527 SECOND STREET SARASOTA, FLORIDA 34236
 (813) 954-1718 FAX (813) 366-7454

SARASOTA DENVER
LANDRY & ESBER
 ENGINEERS • SURVEYORS
 130 N. TAMMAM TRAIL, SUITE 301
 SARASOTA, FLORIDA 34236
 813-955-6004 FAX 813-955-7501

COASTAL DUNES
 1605 MAIN STREET, SUITE 800
 SARASOTA, FLORIDA 34236
 813-366-6538 FAX 813-954-6036

PALMER & ASSOCIATES, P.A.

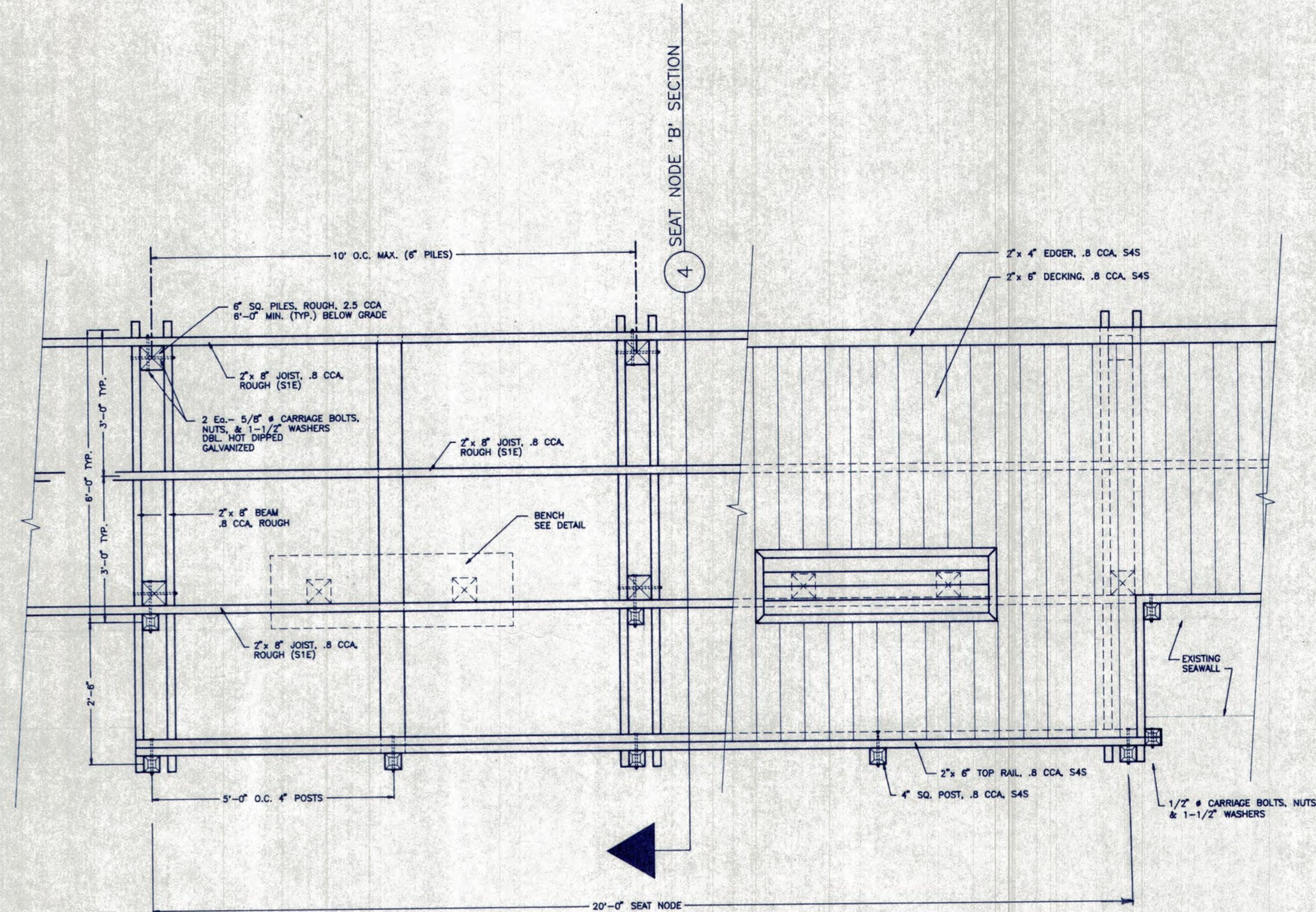
PROFESSIONAL LAND SURVEYORS

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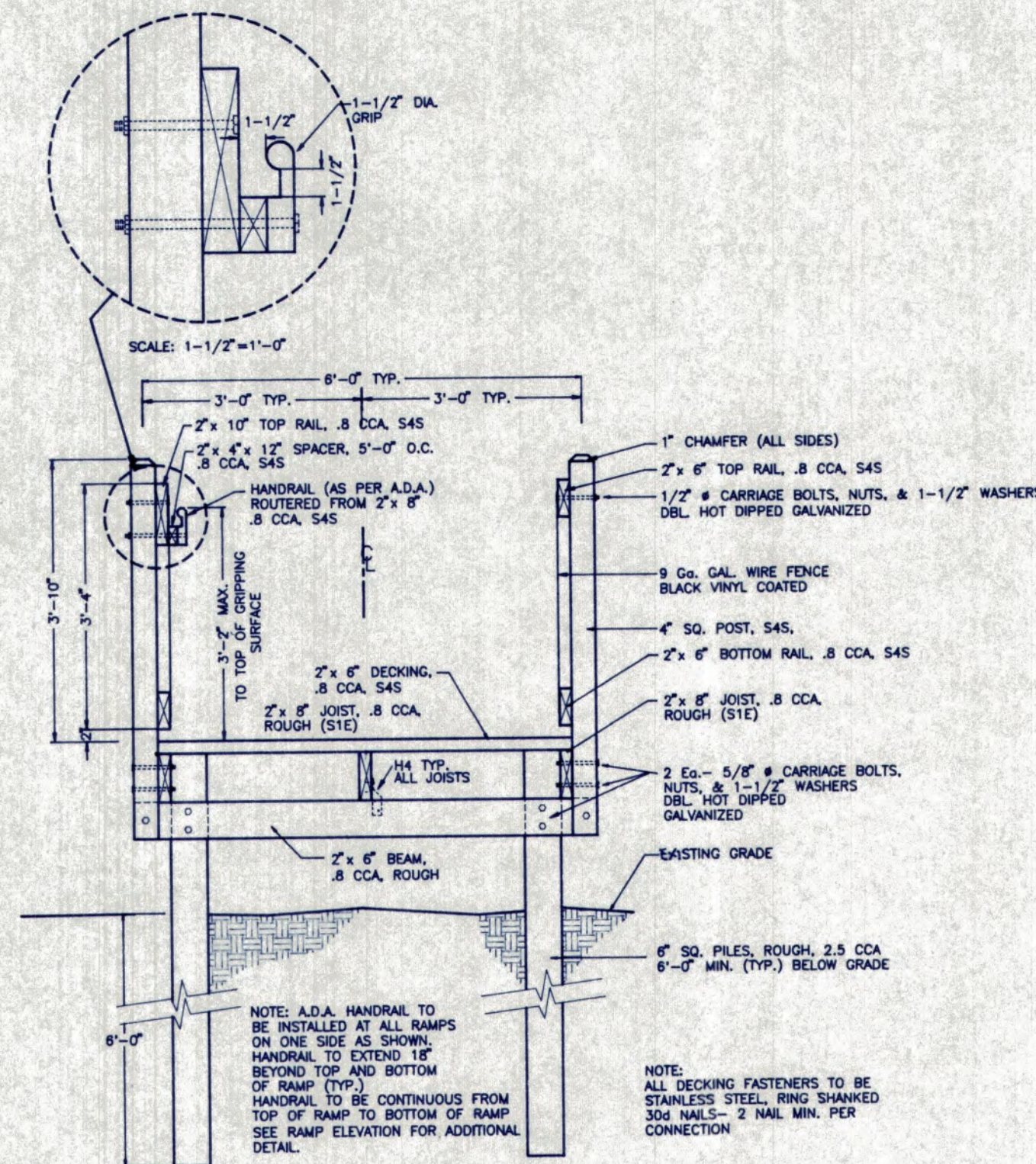
Sheet #

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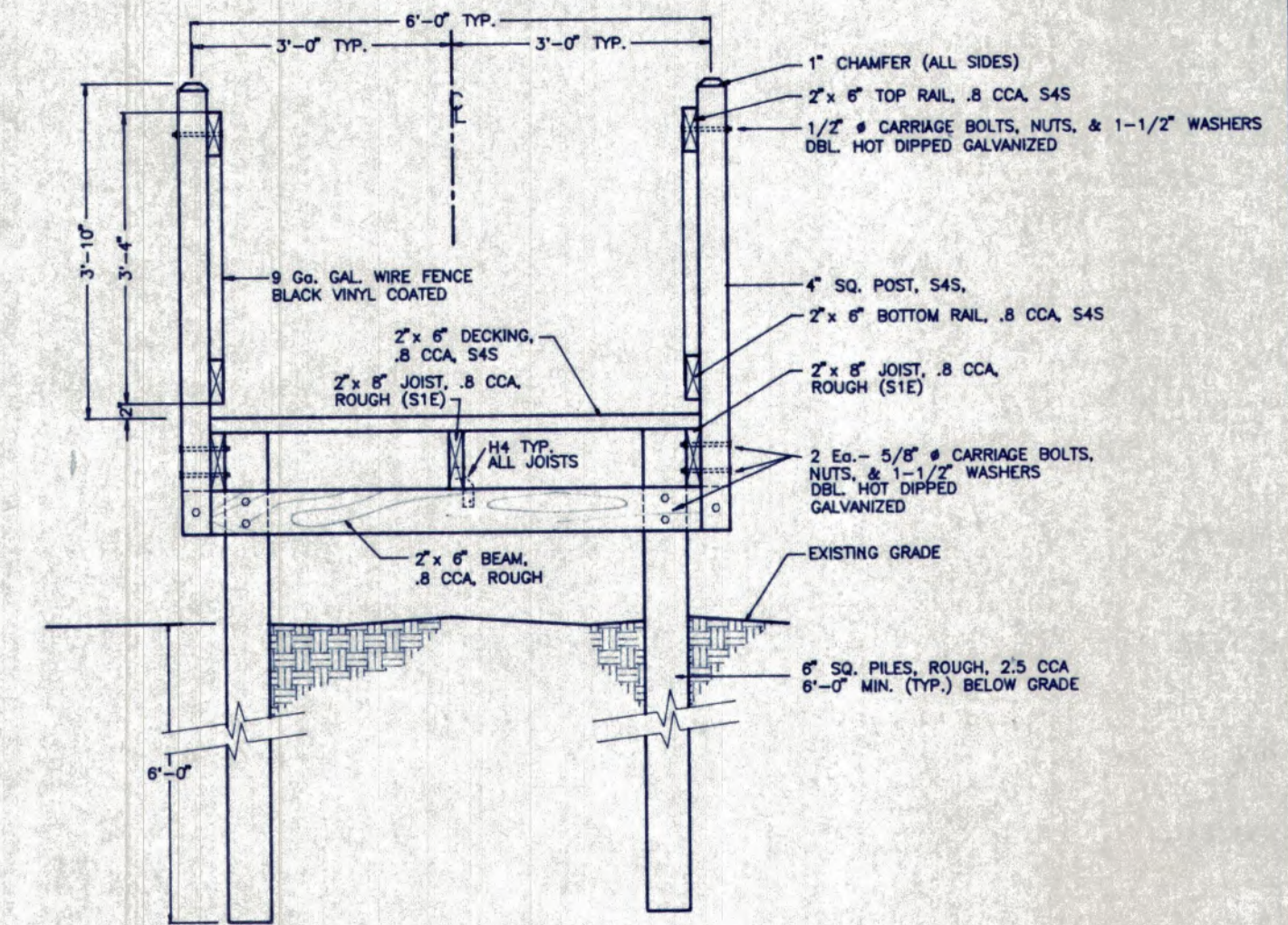
Date: 1/23/95	Scale: NOTED
Drawn by: PFK	Job # 0441.00
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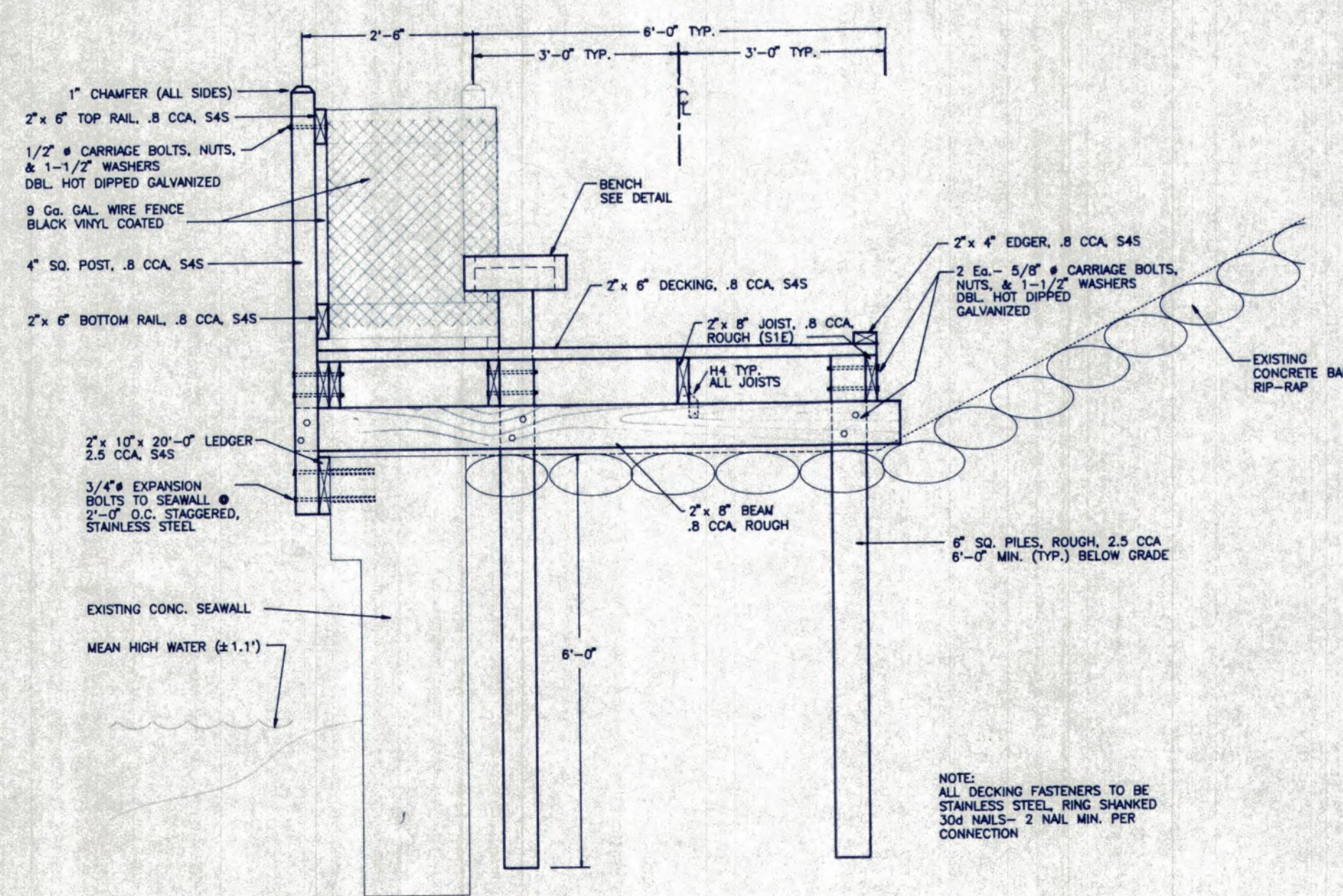
1 SEAT NODE 'B' PLAN (TYP.)
 SCALE: 1/2" = 1'-0"



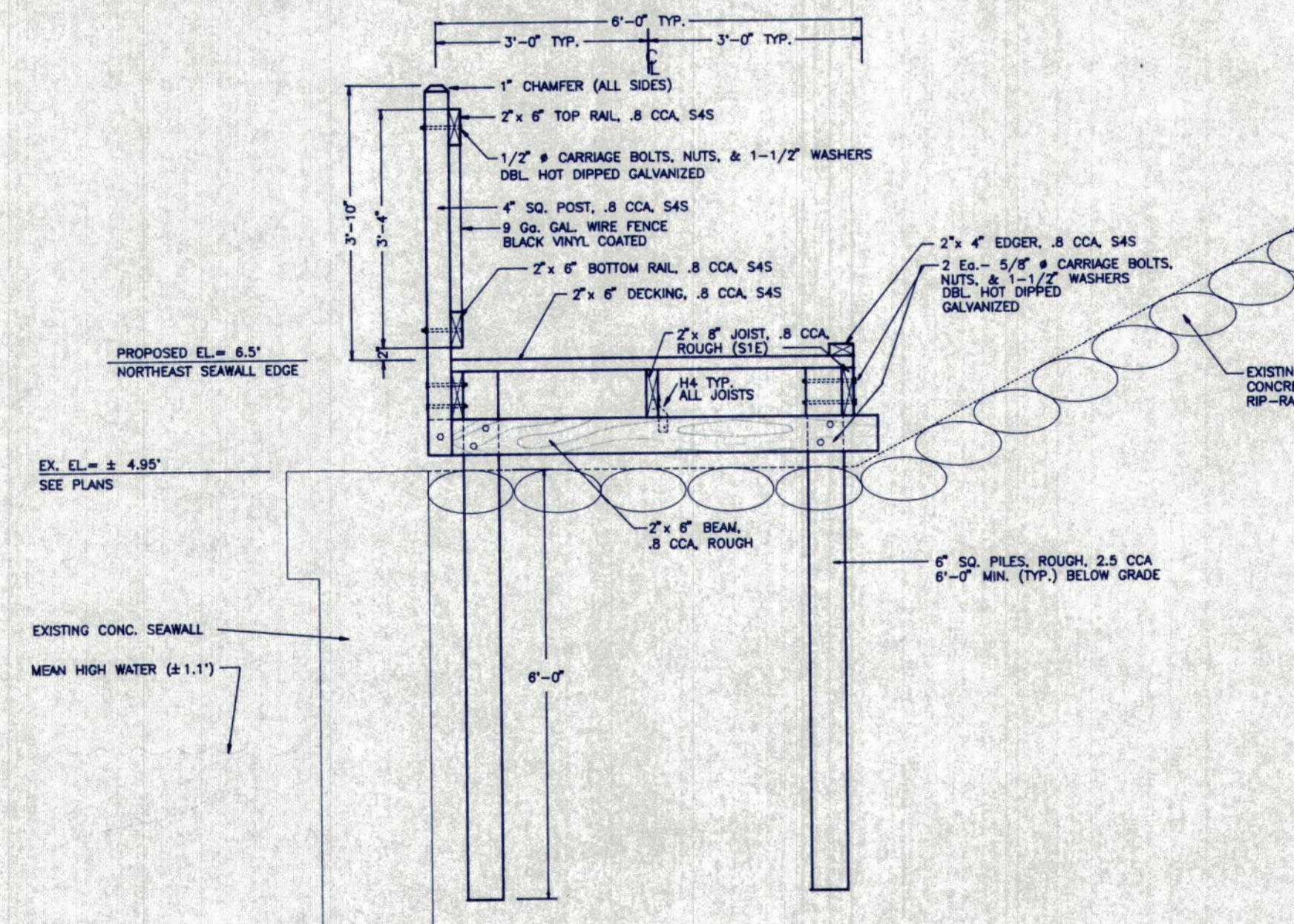
2 BOARDWALK RAMP SECTION (TYP.)
 SCALE: 1/2" = 1'-0"



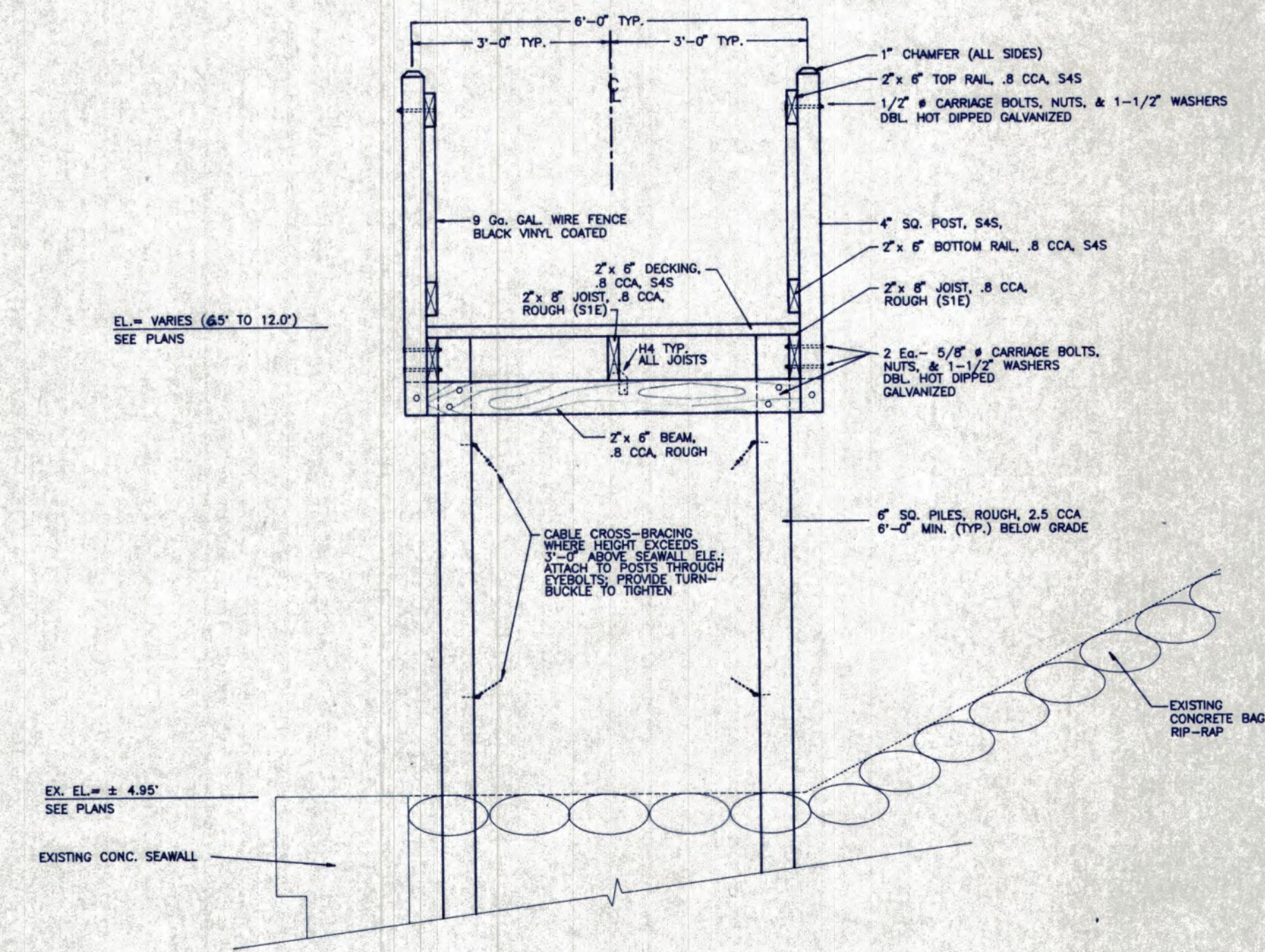
3 BOARDWALK SECTION (TYP.)
 SCALE: 1/2" = 1'-0"



4 SEAT NODE "B" SECTION
 SCALE: 1/2" = 1'-0"



5 BOARDWALK SECTION @ N.E. SEAWALL
 SCALE: 1/2" = 1'-0"



5 BOARDWALK SECTION @ S.E. SEAWALL
 SCALE: 1/2" = 1'-0"

QUICKPOINT NATURE PRESERVE

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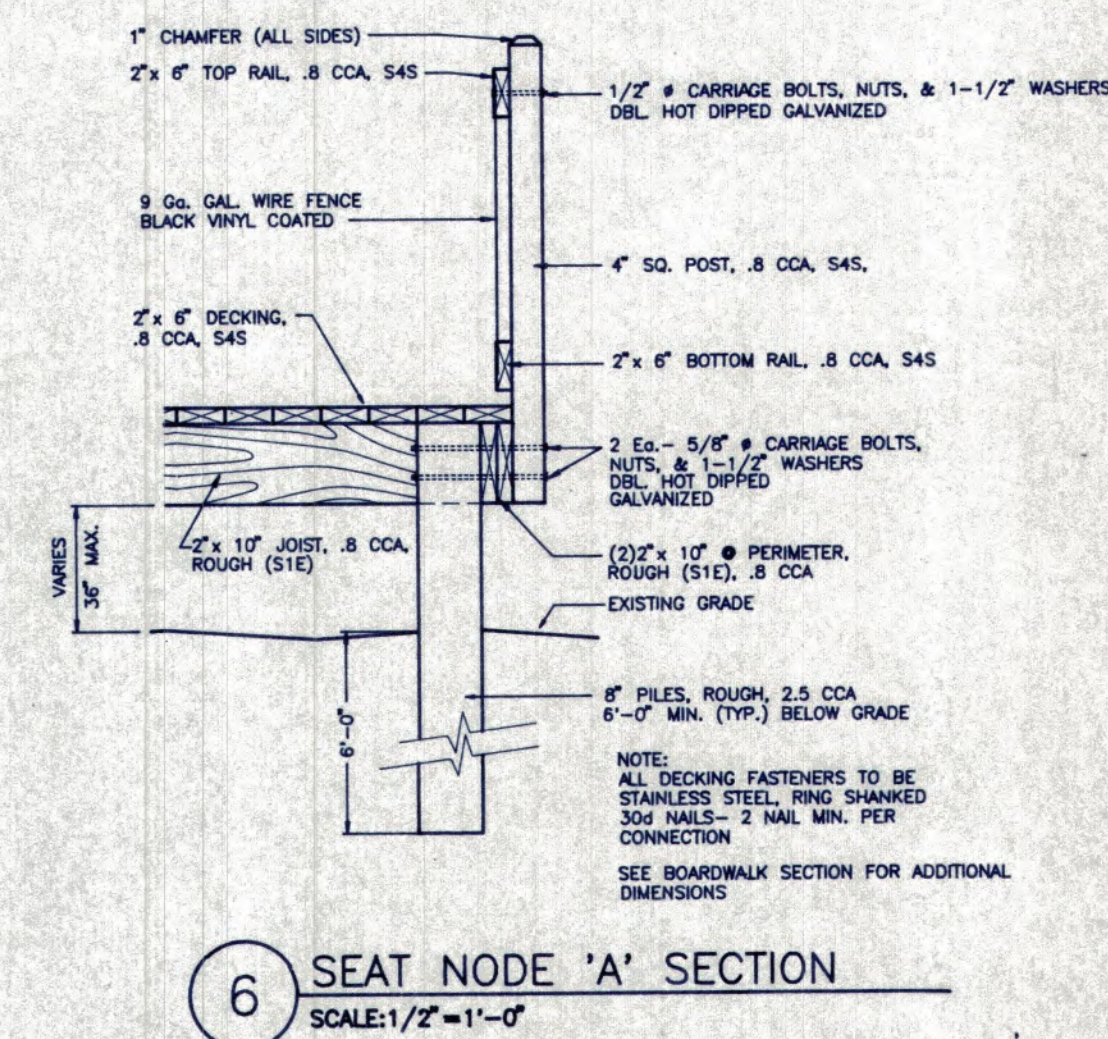
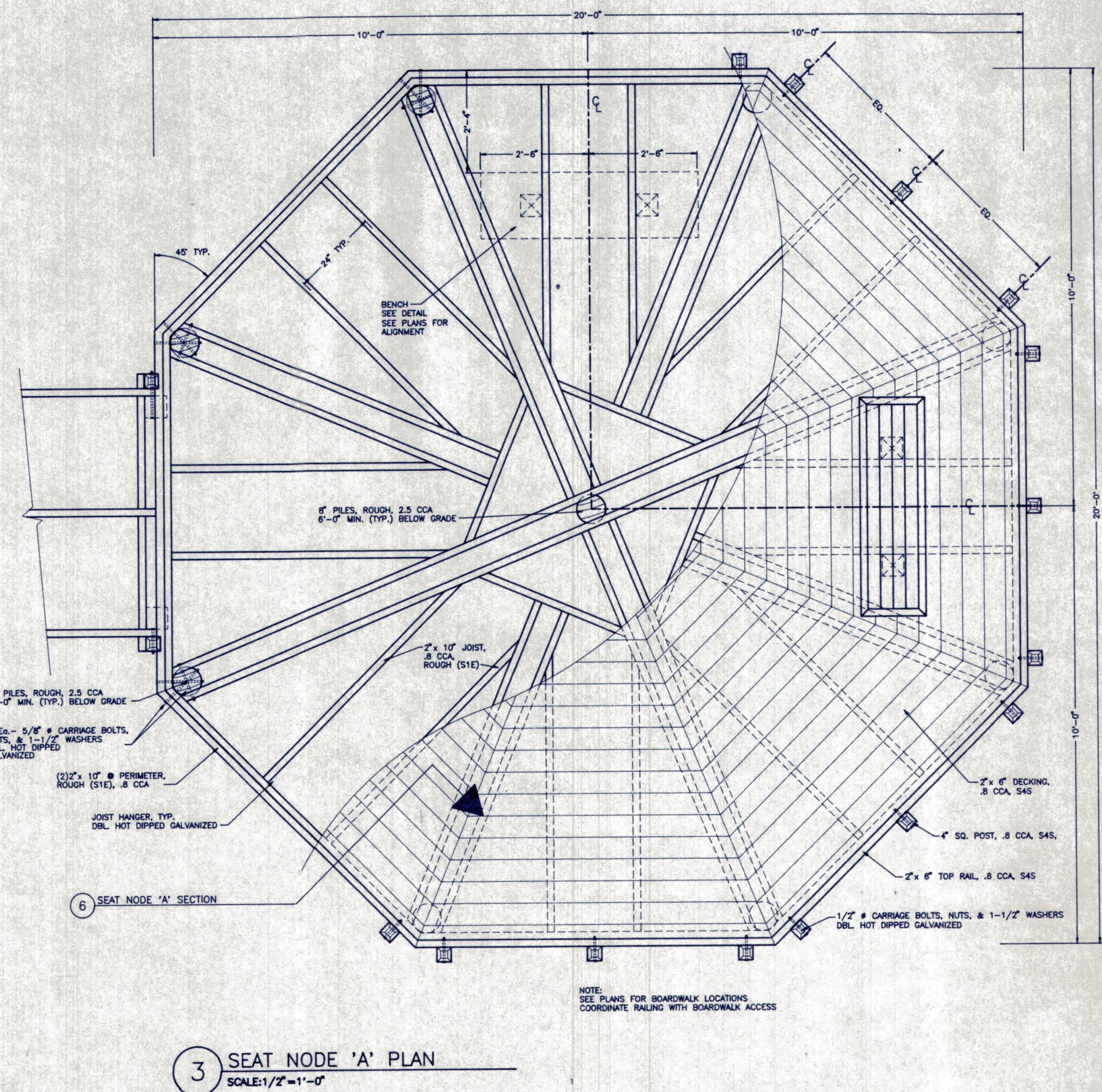
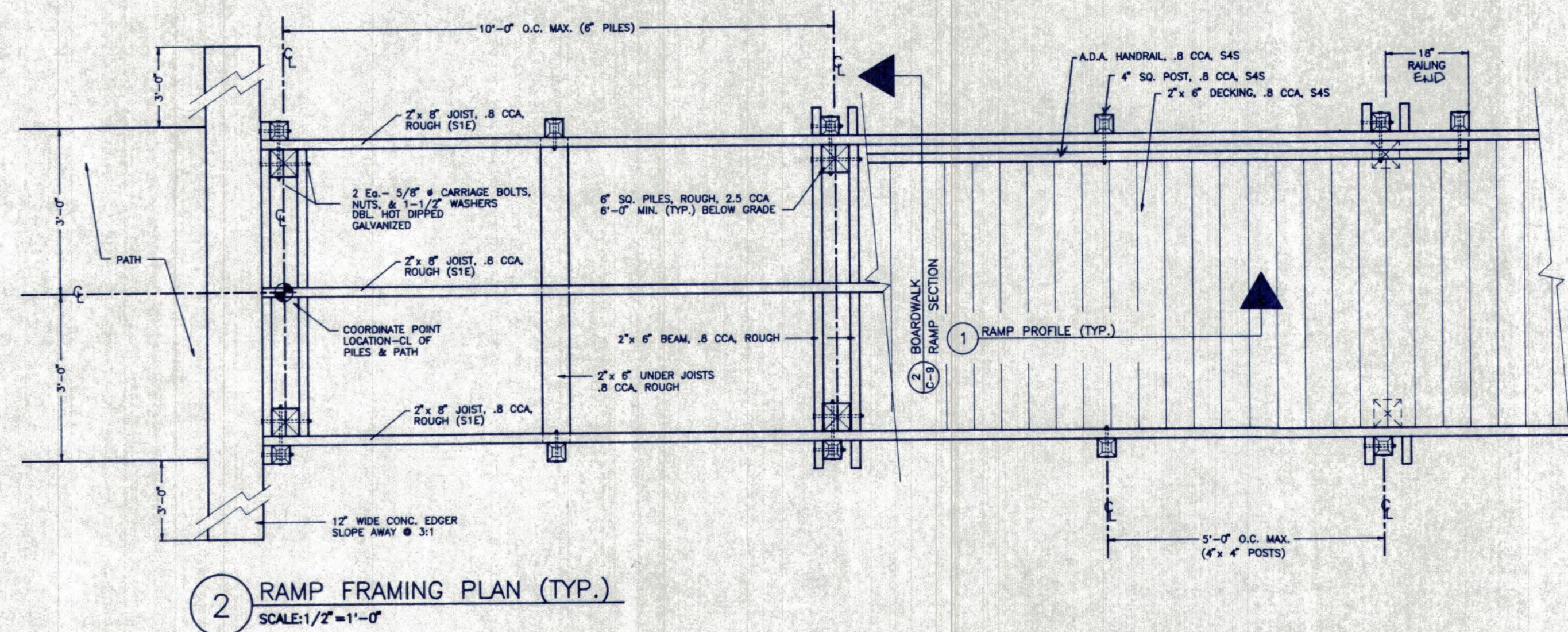
LANDRY & ESBER
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130 N. TAMiami TRAIL, SUITE 301
SARASOTA, FLORIDA 34236
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Ⓚ_R PALMER & ASSOCIATES, P.A.

Sheet #

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Date: 1/23/95	Scale: NOTED
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Revisions:	Checked by: RGM



PREPARED FOR:
**THE TOWN OF
LONGBOAT KEY,
FLORIDA**

**QUICKPOINT
NATURE PRESERVE**

SHEET TITLE:
**BOARDWALK
DETAILS**

DSW
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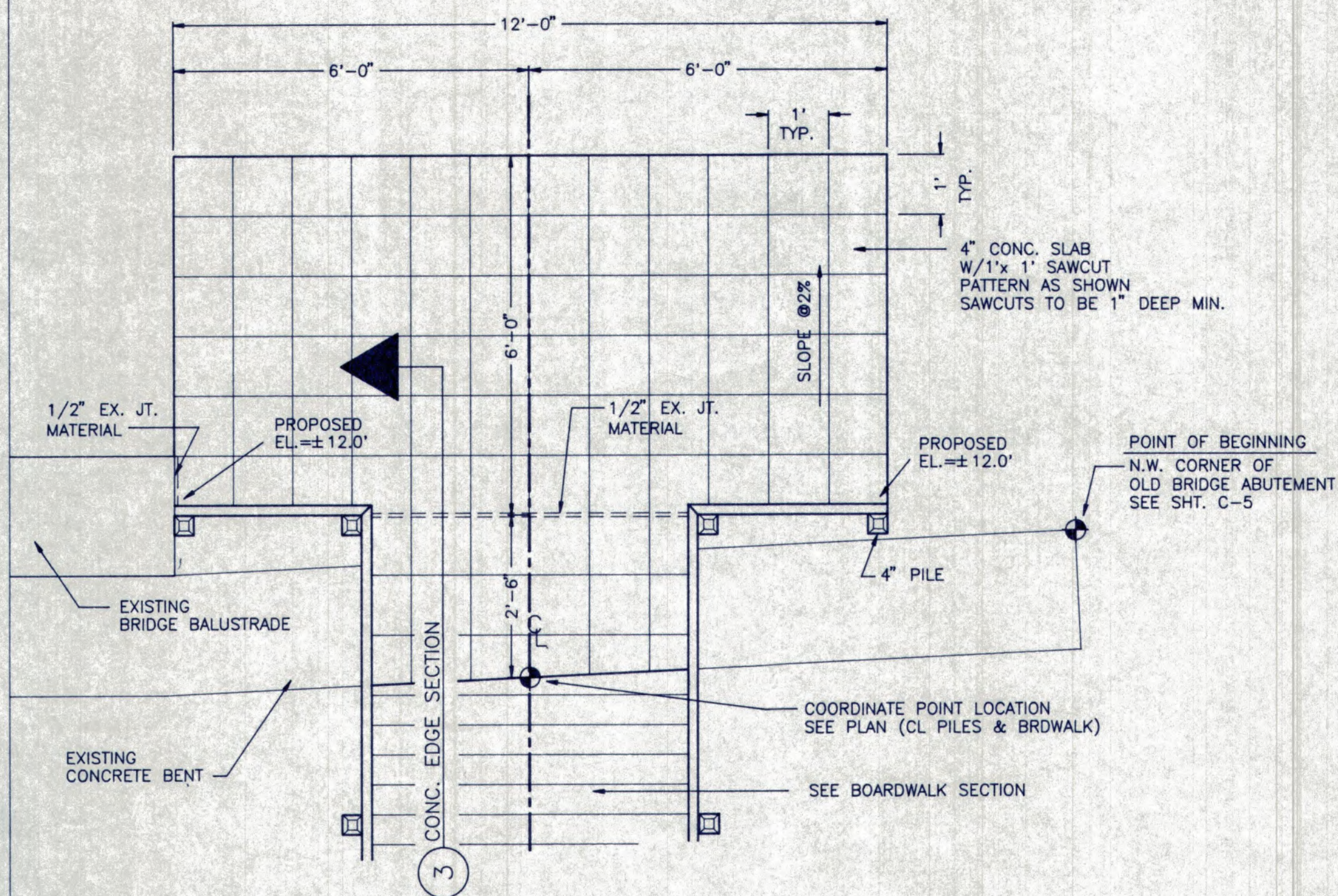
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Sheet #

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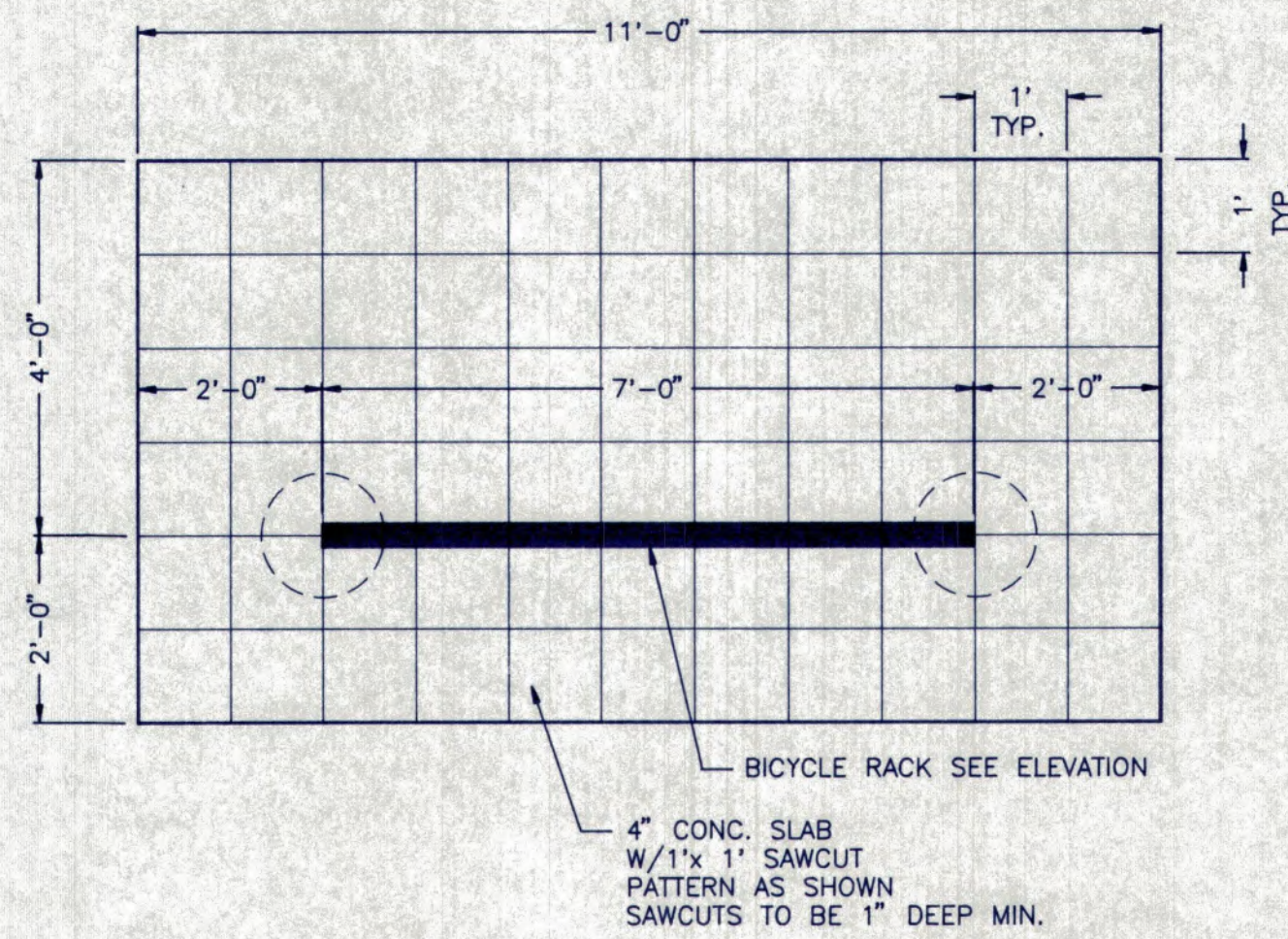
Date: 1/23/95	Scale: NOTED
Drawn by: PFK	Job #: 0441.00
Revisions:	Checked by: RGM

1 ENTRANCE PLAN
SCALE: 1/2" = 1'-0"



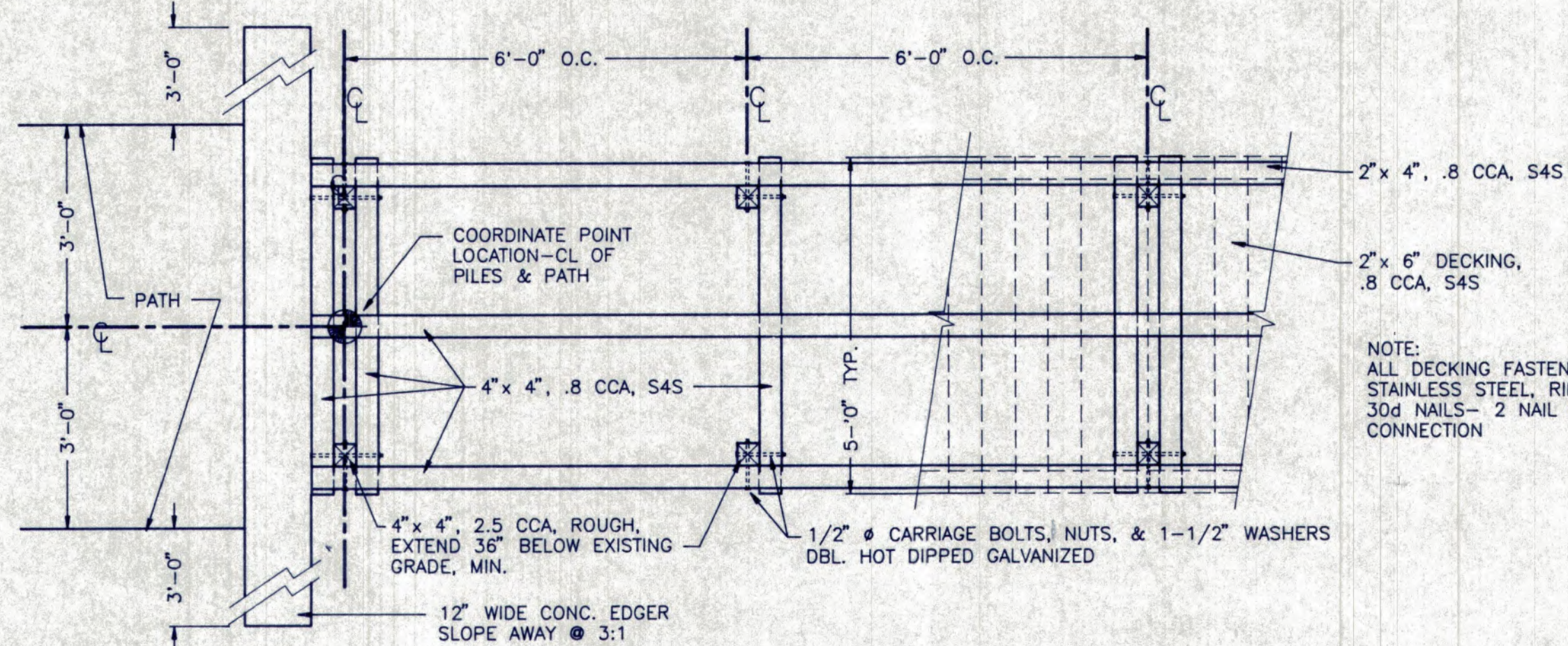
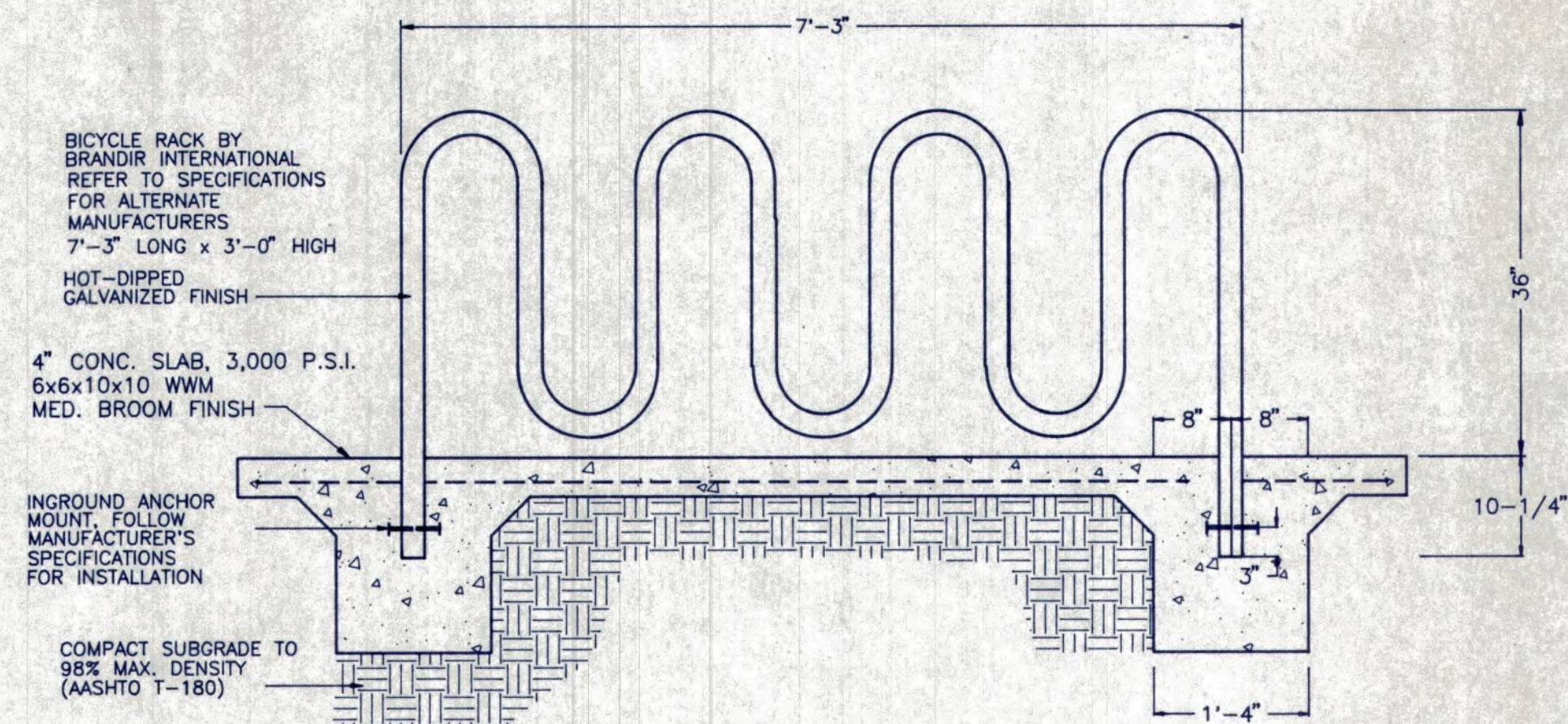
PLAN

2 BICYCLE RACK DETAILS
SCALE: 3/4" = 1'-0"



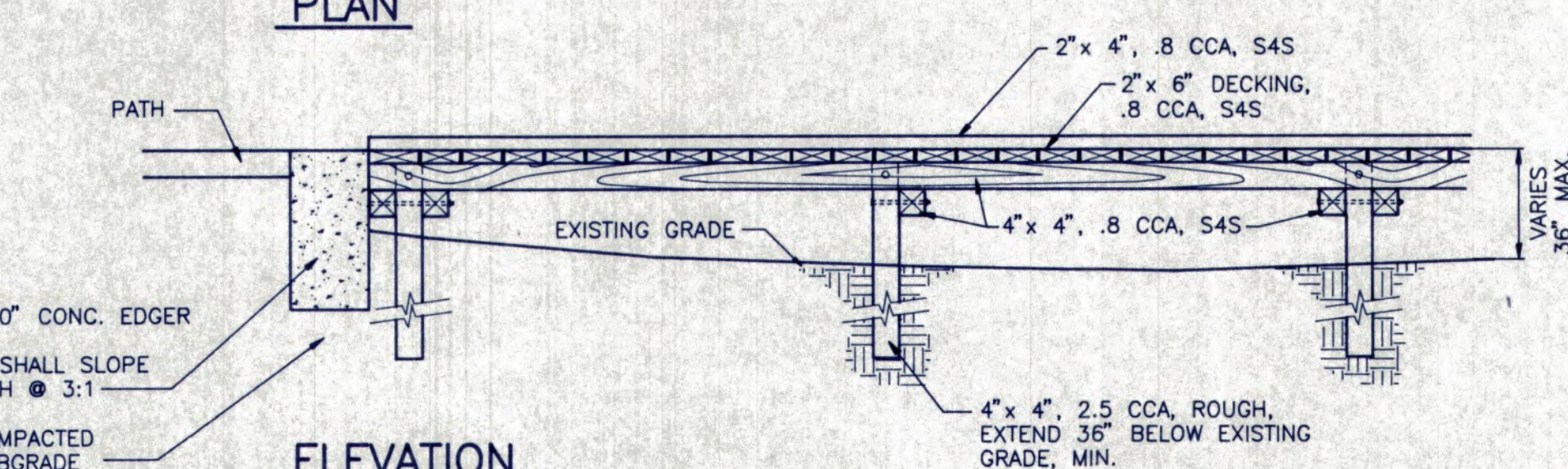
NOTE:
(1) BICYCLE RACK TO BE FIELD LOCATED BY TOWN REPRESENTATIVE
SEE PLANS FOR GENERAL LOCATION
PROPOSED ELEVATIONS TO BE ±2" ABOVE EXISTING GRADE

ELEVATION

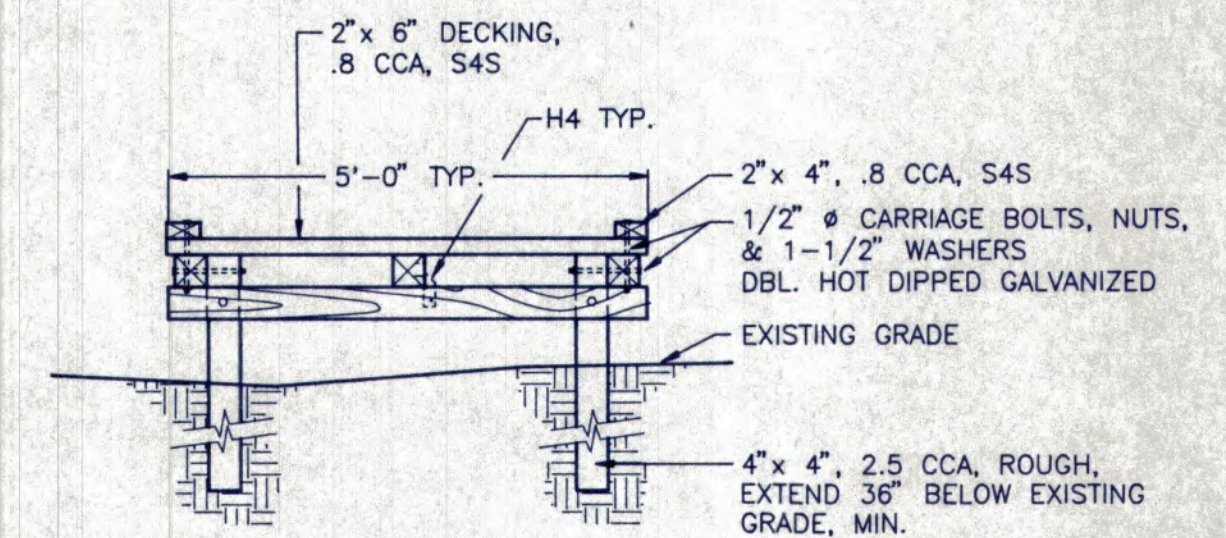


PLAN

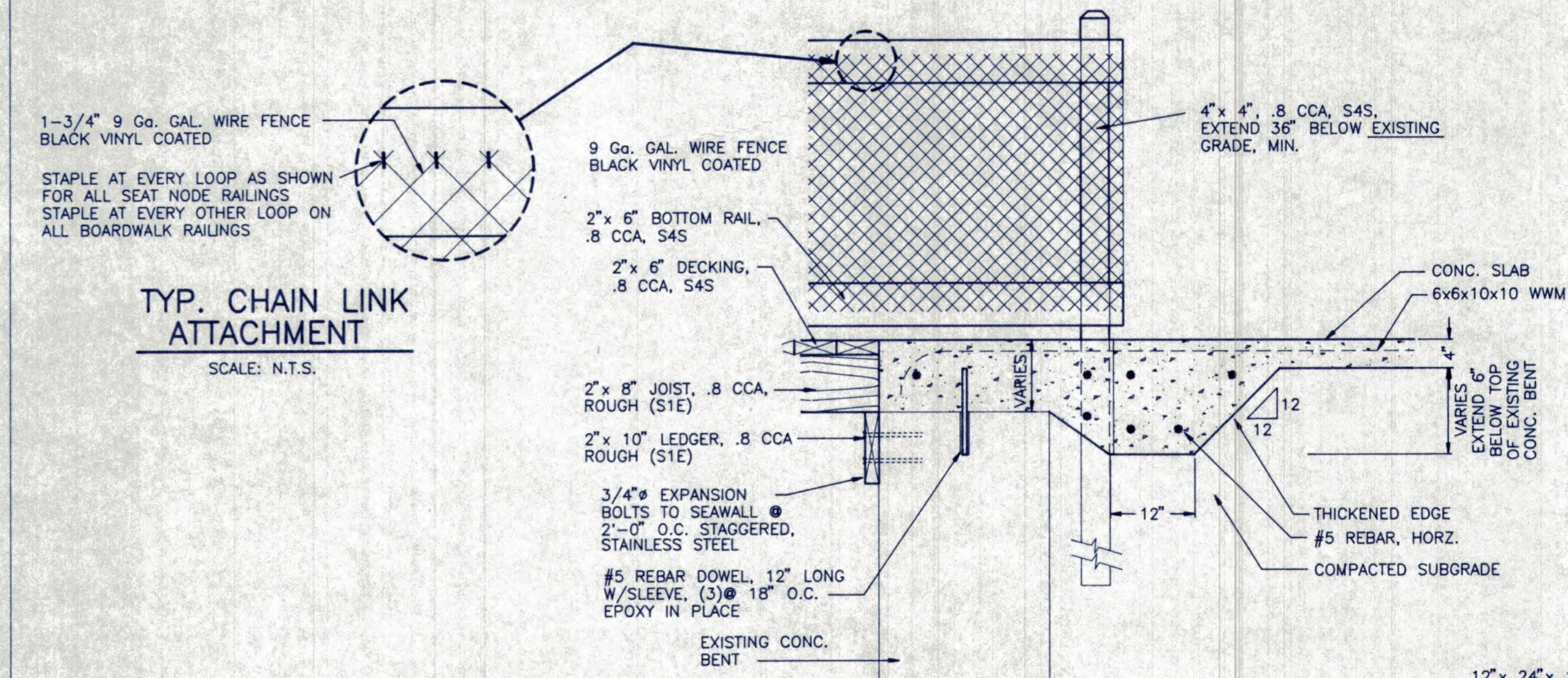
ELEVATION



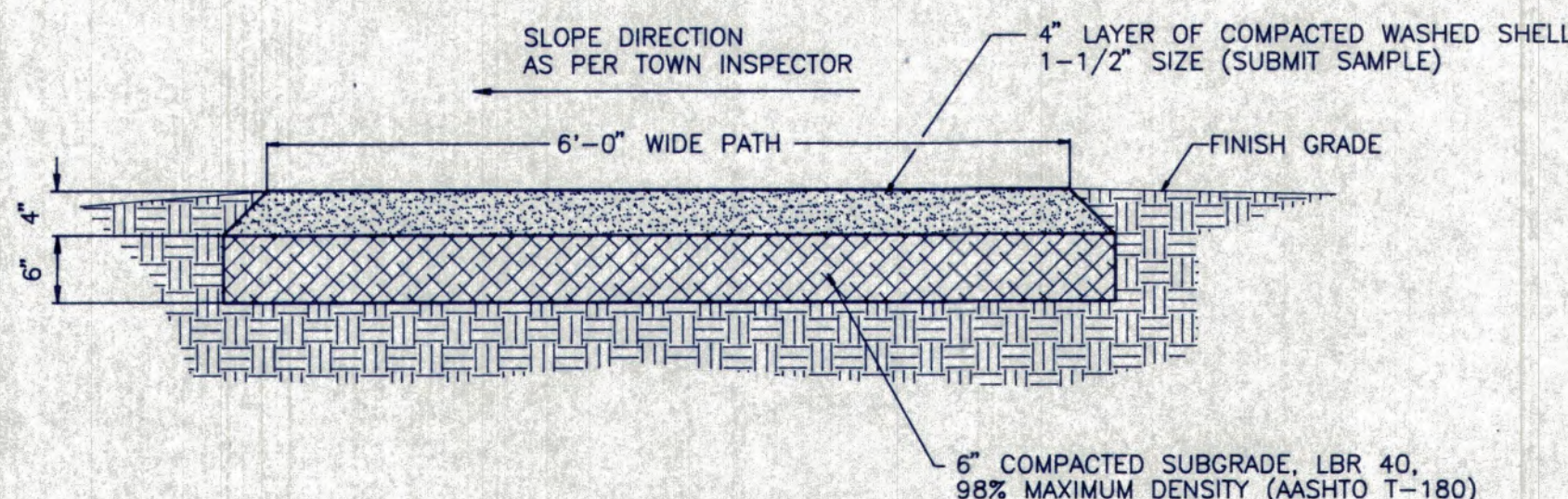
SECTION



3 CONCRETE EDGE SECTION
SCALE: 3/4" = 1'-0"

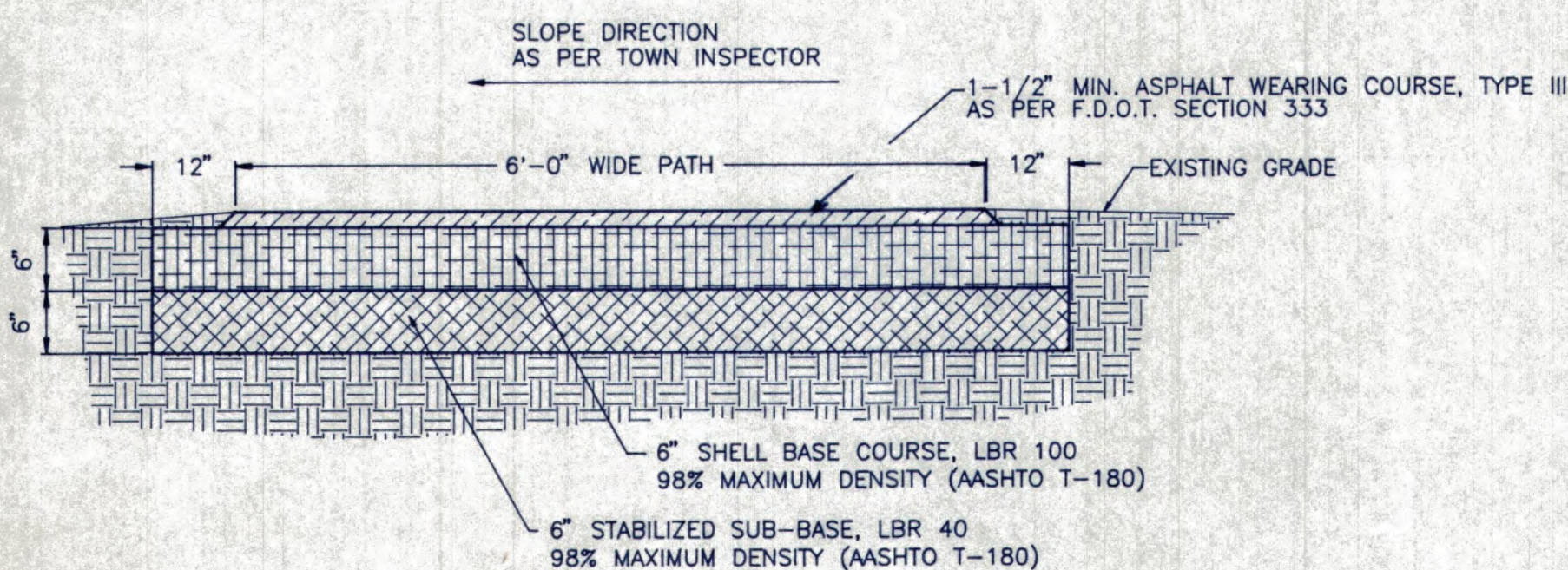


4 LOW BOARDWALK DETAILS
SCALE: 1/2" = 1'-0"



5 SHELL PATH SECTION
SCALE: 3/4" = 1'-0"

4 HANDICAP ACCESSIBLE PATH SECTION
SCALE: 3/4" = 1'-0"



ACAD FILE NAME
DETAIL

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C12  North

Date: 1/23/95	Scale: 1"=60'
Drawn by: PFK	Job # 0441.00
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