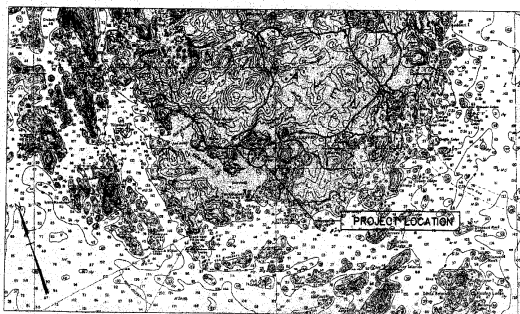


STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE PROJECT NO. FBD - 6284(10)X FERRY TERMINAL, VINALHAVEN, MAINE

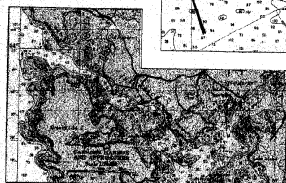
LIST OF DRAWINGS

SHEET NO.	DRAWING TITLE	SHEET NO.	DRAWING TITLE
1	LOCATION MAP AND INDEX TO CONTRACT DRAWINGS	41	DEMOLITION REFERENCE DRAWING 1
2	GENERAL PLAN	42	DEMOLITION REFERENCE DRAWING 2
3	GENERAL SECTIONS	43	TERMINAL BUILDING - FLOOR AND ROOF PLANS
4	DEMOLITION PLAN AND DETAILS	44	TERMINAL BUILDING - EXTERIOR ELEVATIONS
5	DESIGN DATA	45	TERMINAL BUILDING - SECTION AND DETAILS
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9	SEWER PLAN - FILE PLAN	49	TERMINAL BUILDING - FOUNDATION AND FRAMING DETAILS
10	DOLPHINS NUMBER 1 AND 6 - PLANS, ELEVATIONS AND DETAILS	50	TERMINAL BUILDING - FLOOR PLAN/PLUMBING SCHEDULE, LEGEND AND DETAILS
11	DOLPHINS NUMBER 2 THRU 5 - PLANS, ELEVATIONS AND DETAILS	51	TERMINAL BUILDING - FLOOR PLAN/HEATING AND VENTILATING DATA, SCHEDULE, LEGEND AND DETAILS
12	DREDGE PLAN AND SECTIONS	52	TERMINAL BUILDING - ELECTRICAL PLAN AND ELEVATIONS, SYMBOLS AND NOTES
13	APPROACH SPANS, ABUTMENT - PLANS, ELEVATION AND SECTIONS	53	TERMINAL BUILDING - ELECTRICAL EQUIPMENT, SCHEDULES AND DETAILS
14	APPROACH SPANS, PIERS - PLANS, ELEVATIONS AND SECTIONS		
15	APPROACH SPANS - PLAN, ELEVATION AND SECTION		
16	APPROACH SPANS - PRESTRESSED CONCRETE REIN DETAIL		
17	APPROACH SPANS - RAILING DETAILS		
18	TRANSFER BRIDGE - PLAN, ELEVATION AND SECTION		
19	TRANSFER BRIDGE - FRAMING PLAN AND DETAILS		
20	TRANSFER BRIDGE - BARRIER AND RAILING DETAILS		
21	TRANSFER BRIDGE - APRON DETAILS - PART 1		
22	TRANSFER BRIDGE - APRON DETAILS - PART 2		
23	TRANSFER BRIDGE - HOIST TOWER DETAILS - PART 1		
24	TRANSFER BRIDGE - HOIST TOWER DETAILS - PART 2		
25	TRANSFER BRIDGE - HOIST TOWER DETAILS - PART 3		
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27	TRANSFER BRIDGE - REEING DIAGRAMS AND HOIST MACHINERY DETAILS		
28	TRANSFER BRIDGE - HOIST TOWER FOUNDATION DETAILS AND MISCELLANEOUS DETAILS		
29	TRANSFER BRIDGE - HOIST WINDING AND DETAILS		
30	TRANSFER BRIDGE - ELECTRICAL PLAN AND DETAILS		
31	TRANSFER BRIDGE - POWER ELEMENTARY		
32	TRANSFER BRIDGE - CONTROL AND POWER SCHEMATIC		
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34	YARD ELECTRICAL PLAN		
35	ELECTRICAL - LIGHTING FIXTURE DETAILS AND SCHEDULES		
36	ELECTRICAL - ONE LINE DIAGRAM AND DETAILS		
37	BORING LOGS AND LOGS - PART 1		
38	BORING LOGS - PART 2		
39	BORING LOGS - PART 3		
40	SURVEY PLAN		



LOCATION MAP

(FROM VINAL CHART
(NOT TO BE USED FOR
NAVIGATION, NOT TO SCALE))



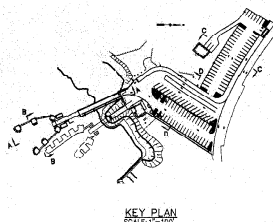
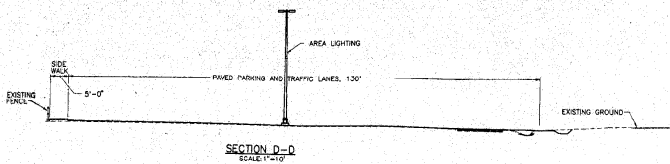
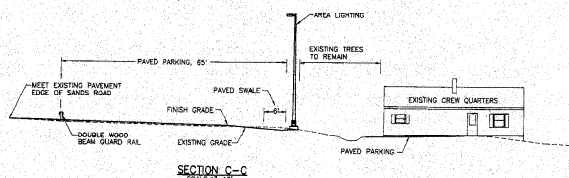
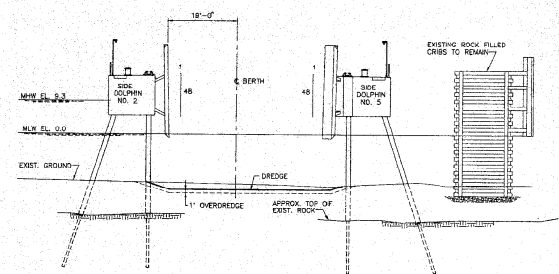
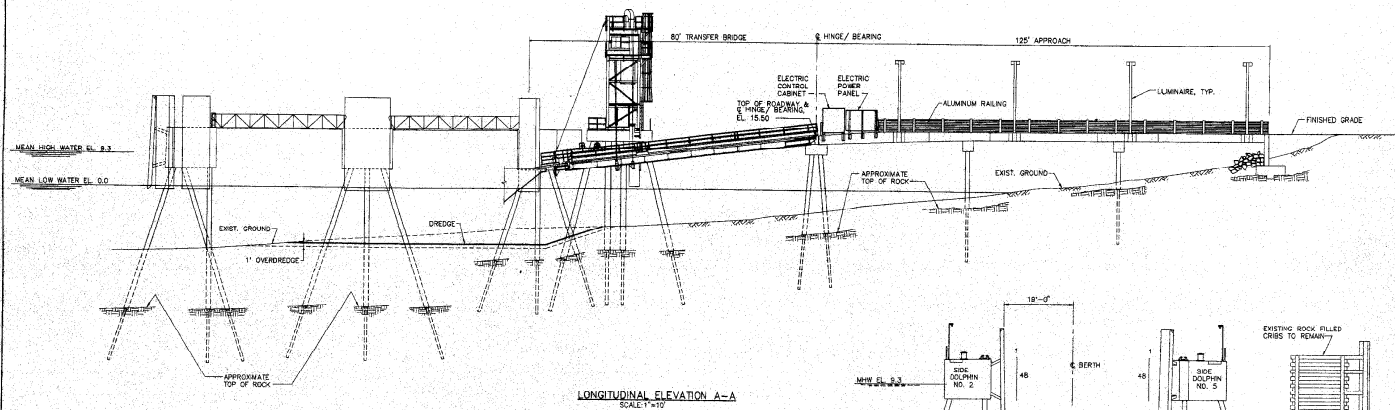
APPROVED
MAINE DEPARTMENT OF TRANSPORTATION
COMMISSIONER
DATE 11/1/79



129-26

STATE OF MAINE	DEPARTMENT OF TRANSPORTATION
AUGUSTA, MAINE	
FERRY TERMINAL, VINALHAVEN, MAINE	
LOCATION MAP AND INDEX TO CONTRACT DRAWINGS	

FERRY PROJ. NO.	SCALE: AS NOTED	DES. SHEET	CHK. AND	APPROVED BY: (NAME)
TM-076	DATE: SEPTEMBER 1983	DES. DATE	DATE: SEP	DATE: SEP



129-28	
REV.	DATE
DESCRIPTION	
BY	
CHECKED	
DATE	
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE	
FERRY TERMINAL, VINALHAVEN, MAINE	
GENERAL SECTIONS	
FAY SPURFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MAINE	
TS&T PROJ. NO.	SCALE: AS NOTED
1M-076	DATE: SEPTEMBER 1988
DES. DR.	CHK. DR.
REV. DR.	APP. DR.
APPROVED BY: [Signature]	
SHEET 3 OF 53	

GENERAL

- THESE NOTES CONTAIN GENERAL INFORMATION AND ARE NOT COMPLETE FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL VERIFY INFORMATION WITH THE ENGINEER'S ATTENTION BEFORE BEGINNING AFFECTED WORK. IN GENERAL, SPECIFICATIONS AND DRAWINGS TAKE PRECEDENCE OVER THESE NOTES.
- ALL DIMENSIONS AND DETAILS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN HORIZONTAL AND VERTICAL CONTROLS IN THE MAIN STAKE PLANE COORDINATE SYSTEM.

SPECIFICATIONS AND CODES

- PROJECT SPECIFICATIONS.
- STATE OF MAINE, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, HIGHWAYS AND BRIDGES, EDITION OF APRIL, 1995, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
- CODES AND OTHER REFERENCES:
 - NAVFAC DESIGN MANUALS INCLUDING:
 - DM-20-A FIXED MOORINGS
 - DM-20-B MOORING DESIGN PHYSICAL AND EMPIRICAL DATA
 - AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES (ASHTO), 15TH EDITION.
 - AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, "GUIDE SPECIFICATIONS FOR FRACTURE CRITICAL NON-REDUNDANT STEEL BRIDGE MEMBERS."

SURVEY CONTROL

- VERTICAL CONTROL FOR MARINE STRUCTURES IS IN REFERENCE TO MLLW (MEAN LOWER LOW WATER). TO CONVERT TO NATIONAL GEODETIC VERTICAL DATUM (NGVD), USE THE FOLLOWING FORMULA: $EL (NGVD) = EL (MLLW) - 2.28 \text{ FT (2.28m)}$
- HORIZONTAL CONTROL IS THE MAIN STAKE PLANE COORDINATE SYSTEM (EAST) (EURE), NAD 27.

ENVIRONMENTAL CONDITIONS

- TOTAL RANGES (ELEVATION IN FEET):
- EXTREME HIGH WATER (EHW) 12.50
 - MEAN HIGH WATER (MHW) 9.3
 - MEAN LOW WATER (MLW) 6.0
 - EXTREME LOW WATER (ELW) -2.50

APPROACH TRESTLE

- A. THE APPROACH SPAN IS DESIGNED IN ACCORDANCE WITH THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1994, SIXTEEN EDITION, INCLUDING INTERIMS THRU 1995.

B. VERTICAL LOADS:

- UNIFORM LIVE LOAD = 100PSF
- OR 2. AASHTO STANDARD



C. HORIZONTAL LOADS:

1. SEISMIC

PERFORMANCE CATEGORY B
IMPORTANCE CLASSIFICATION I
ACCELERATION COEFFICIENT $A=0.09$
SOIL PROFILE TYPE I
SOIL COEFFICIENT $S=1.0$
RESPONSE MODIFICATION FACTOR: $R=3$
PILE BENTS 1 AND 2: $R=3$
PILE BENT 3: $R=2$
ABUTMENT: $R=1$

2. WIND:

TRANSVERSE 50 PLF
LONGITUDINAL 12 PLF

WIND ON LIVE LOAD:

TRANSVERSE 100 PLF
LONGITUDINAL 40 PLF

WIND ON STRUCTURE:

40 PSF

THERMAL:

TEMP. RANGE FOR CONCRETE STRUCTURE = 80°F

3. RAILINGS:

ALUMINUM PEDESTAL VERTICAL = 50 PLF
HORIZONTAL = 50 PLF

TRANSFER BRIDGE

- A. FOR DESIGN DATA OF THE TRANSFER BRIDGE REFER TO THE TRANSFER BRIDGE DRAWINGS BEGINNING ON SHEET NO. 18.

ALUMINUM GANGWAYS

- A. THE DESIGN AND CONSTRUCTION OF THE ALUMINUM GANGWAYS SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR THE ITEM ALUMINUM GANGWAY.

B. VERTICAL LOADS:

UNIFORM LIVE LOAD 85 PSF
ADDITIONAL DEAD LOAD 50 PLF

C. HORIZONTAL LOADS:

WIND - TRANSVERSE 50 PLF
WIND - LONGITUDINAL 12 PLF
THERMAL - TEMP. RANGE FOR METAL STRUCTURE = 100°F

- D. THE WINDHARD SUPPORT SEAT WIDTH HEADRED PERPENDICULAR TO THE EDGE OF THE CONCRETE SUPPORT SHALL BE 12 INCHES.

- E. HANDRAIL SHALL BE DESIGNED FOR A CONCENTRATED HORIZONTAL LOAD OF 200 POUNDS ACTING AT THE CENTER OF THE RAILING.

CONCRETE

- MINIMUM 28-DAY COMPRESSIVE STRENGTH FOR CAST-IN-PLACE CONCRETE: (CLASS A-3) $f'_c = 4000 \text{ PSI}$
- MINIMUM 28-DAY COMPRESSIVE STRENGTH FOR PRECAST CONCRETE: (CLASS P) $f'_c = 6000 \text{ PSI}$
- PRESTRESSED DECK PANELS (CLASS P) $f'_c = 6000 \text{ PSI}$
- CHAMFER EXPOSED CORNERS "N" UNLESS NOTED OTHERWISE
- CONSTRUCTION JOINTS SHALL BE PROVIDED ONLY AS SHOWN ON THE DRAWINGS

REINFORCEMENT

- REINFORCING STEEL: ASTM A615, GRADE 60, DEFORMED, EPOXY COATED, UNLESS OTHERWISE NOTED.
- PRESTRESSING STEEL: ASTM A416, GRADE 270, UNCOATED, LOW-RELAXATION SEVEN WIRE STRAND.
- ROCK ANCHORS: ASTM A722, GRADE 150 DEFORMED, WITH TRIPLE CORROSION PROTECTION.
- SPACING OF REINFORCING STEEL OVER 20 FEET IN LENGTH IS PERMITTED. STAGGER SPICES ONE SPICE LENGTH MINIMUM. NO MORE THAN 50 PERCENT OF THE REINFORCING STEEL SHALL BE SPICED AT ANY LOCATION. PROVIDE A MINIMUM SPICE LENGTH OF 50 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- MECHANICAL COUPLERS SHALL BE DESIGNED FOR:
 - 125 PERCENT OF YIELD STRENGTH OF REINFORCING STEEL $f_y = 60 \text{ KSI}$
 - 125 PERCENT OF YIELD STRENGTH OF ROCK ANCHORS $f_y = 60 \text{ KSI}$

STRUCTURAL STEEL AND MISCELLANEOUS STEEL FABRICATIONS

- STEEL SHAPES AND PLATES SHALL BE ASTM A709, GRADE 36 TYPICAL, ASTM A709 GRADE 50 WHERE NOTED.
- PIPES AND SLEEVES SHALL BE ASTM A53, GRADE B.
- STRUCTURAL TUBING SHALL BE ASTM A500, GRADE B.
- ALL BOLTS AND NUTS SHALL CONFORM TO ASTM A325, UNLESS NOTED OTHERWISE. SET ANCHOR BOLTS BY TEMPLATE ONLY.
- ALL MISCELLANEOUS STEEL, INCLUDING ALL FASTENERS, UNLESS NOTED OTHERWISE, SHALL BE HOT-DIP GALVANIZED. GALVANIZING ITEMS AFTER FABRICATION. STRESS RELIEVE BENDS BEFORE GALVANIZING. GALVANIZING DAMAGED ACCIDENTALLY OR DUE TO FIELD WELDING SHALL BE RESTORED WITH A FIELD APPLIED GALVANIZING COMPOUND.
- WELDING ELECTRODES: E70XX, LOW HYDROGEN.
- NEOPRENE: 60 DUROMETER HARDNESS.

STEEL PIPE PILING

- STEEL PIPE PILES SHALL CONFORM TO ASTM A252, GRADE 3 $F_y = 55 \text{ KSI}$ MINIMUM, SEAMLESS OR STRAIGHT SEAM WELDED.
- STEEL PIPE PILE ORDER LENGTHS SHALL BE DETERMINED BY THE CONTRACTOR BASED ON PILE EMBEDMENT AND DRIVING ALLOWANCES AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
- ALL STEEL PIPE PILES SHALL BE FUSION BUNDED EXFMT EXFMT.
- ALL STEEL PIPE PILES SHALL BE FILLED WITH CONCRETE.
- ALLOWABLE LOADS ON STEEL PIPE PILES:
 - 14" DIAMETER 75 TONS COMPRESSION
 - 16" DIAMETER 98 TONS COMPRESSION

DOLPHIN/FENDER DESIGN LOADS

1. VESSEL:

REFUGAL VESSEL:

GR. HENRY LEE
GR. CHARLES PHILBROOK
LST. NEAL BURGESS
LENGTH = 130 FT
MAX. DISPLACEMENT = 412 LONG TONS
WORKING LINE = 1 1/2 DIA. POLYESTER/POLYON ROPE TENSILE STRENGTH = 87,000 LBS.
WORKING STRENGTH = 14,500 LBS.

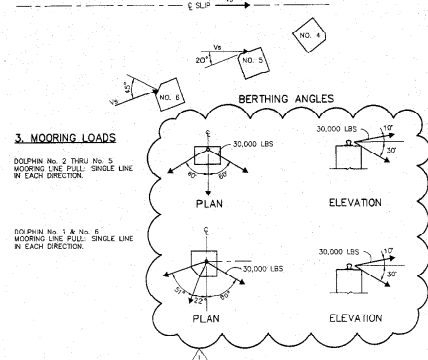
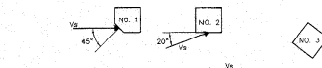
ALTERNATE VESSEL:

MARGARET CHASE SMITH
LENGTH = 185 FT
MAX. DISPLACEMENT = 634 LONG TONS

ALTERNATE VESSEL EVALUATED AT 150% OF ALLOWABLE STRESSES.

2. BERTHING LOADS:

VESSEL NO.	BERTHING VELOCITY (KNOTS)	FENDER	ENERGY TO FENDER	MAX. REACTION ON DOLPHIN
1 & 6	2.0	1.4	63,000 FT. LBS.	128,000 LBS.
2 & 5	2.0	0.7	31,500	64,000
3 & 4	2.0	1.2	48,000	128,000



3. MOORING LOADS

DOLPHIN NO. 2 THRU NO. 5
MOORING LINE PULL: SINGLE LINE
IN EACH DIRECTION

DOLPHIN NO. 1 & NO. 6
MOORING LINE PULL: SINGLE LINE
IN EACH DIRECTION

129-30	
NO.	DATE
NO.	DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FERRY TERMINAL, VINHAI, MAINE

DESIGN DATA



PREPARED BY: B. THOMPSON, INC., ENGINEERS, BURLINGTON, MASS.
FIRST PILE NO. TM-076 SCALE: NONE
DATE: SEPTEMBER 1998

SHEET 5 OF 53

GEOMETRY AND LAYOUT

POINT	CH. STATION	OFFSET	DESCRIPTION
1	10+12.38	84.30 RT	CB
2	10+13.77	34.26 RT	CB
3	10+15.20	35.19 RT	CB
4	10+16.05	60.15 RT	CB
5	10+16.54	54.15 RT	CC
6	10+17.26	26.75 RT	CC
7	10+18.00	25.72 RT	CB
8	9+67.76	64.84 RT	EP/RAD
9	9+63.44	79.88 RT	EP/RAD
10	10+18.19	74.27 RT	CB/RAD
11	10+20.00	23.37 RT	EP/RAD
12	10+22.74	10.54 RT	CB/RAD
13	9+53.39	10.36 RT	EP
14	9+50.16	80.25 LT	EP/RAD
15	9+52.28	31.80 LT	EP/RAD
16	9+50.16	80.25 LT	EP/RAD
17	10+13.54	33.92 LT	CB/RAD
18	10+16.57	120.00 LT	EP
19	11+16.08	141.55 LT	EP/RAD
20	11+26.41	146.35 LT	EP/RAD
21	11+28.42	158.70 LT	CB/RAD
22	11+42.00	170.81 LT	EP/RAD
23	11+30.03	130.43 LT	CB/RAD
24	11+30.04	168.52 LT	CB/RAD
25	9+59.52	17.06 LT	EP
26	11+40.53	90.10 LT	EP/RAD
27	9+59.52	17.06 LT	EP
28	10+31.11	9.04 LT	EP/RAD
29	10+16.57	23.37 LT	EP/RAD
30	10+38.70	202.47 LT	EP
31	10+47.08	232.37 LT	EP
32	10+12.33	283.46 LT	EP
33	10+70.22	281.34 LT	EP
34	9+49.13	34.78 LT	EP
35	10+50.50	34.52 LT	EP
36	9+66.60	33.00 LT	EP
37	9+50.51	33.00 LT	EP
38	9+50.51	33.00 LT	EP
39	10+47.08	34.88 LT	EP
40	10+22.41	28.15 LT	EP
41	11+22.38	125.00 LT	EP
42	9+75.47	85.40 LT	EP
43	10+56.22	125.00 LT	EP
44	10+48.57	27.78 LT	EP
45	9+70.08	348.64 LT	EP

CONTROL POINTS

POINT	NORTHING	EASTING	DESCRIPTION
CPI	137842.47	894807.10	IRON ROD
CPI	137871.52	894847.91	PK NAIL
CPI	137700.78	894888.75	PK NAIL
CPI	137651.61	894835.96	PK NAIL
CPI	137580.81	894864.78	PK NAIL

LEGEND AND ABBREVIATIONS

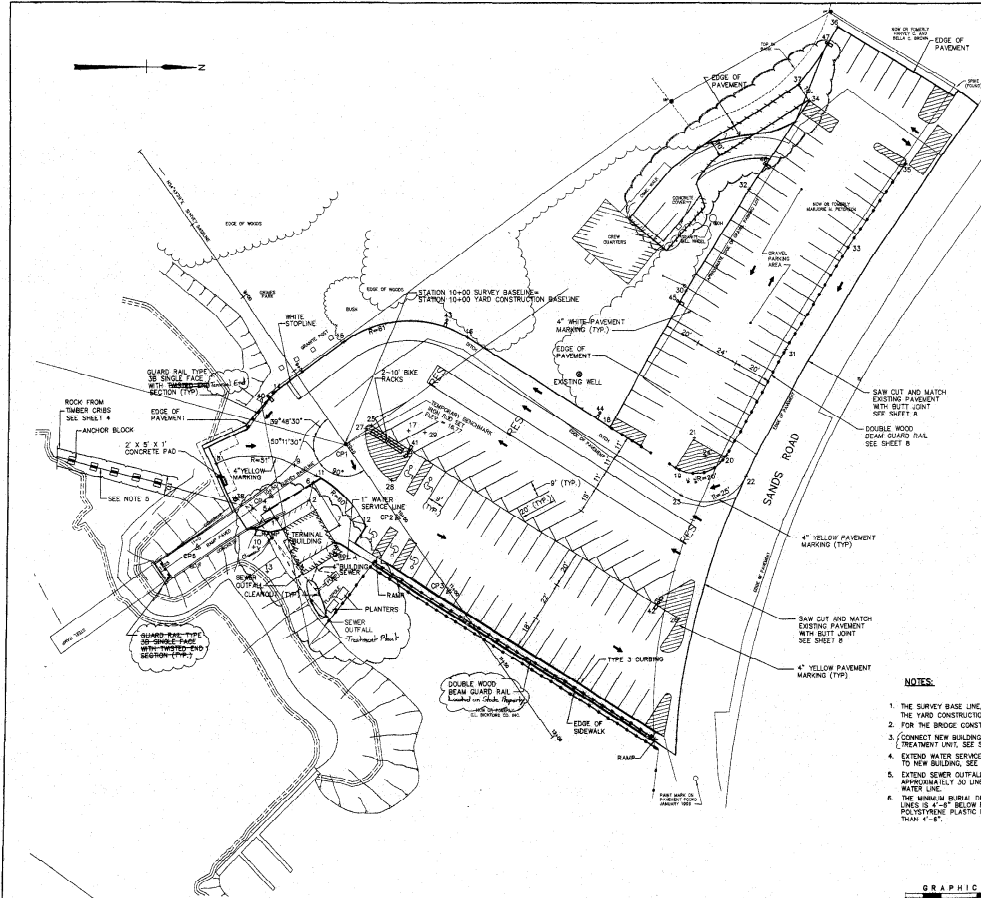
- EXISTING FEATURES SHOWN THIS
- PLANES TO BE PROVIDED UNDER THIS CONTRACT SHOWN THIS
- CONTROL POINT
 - △ WHITE A.D.A. PARKING STALL MARKING
 - WHITE TRAFFIC DIRECTIONAL MARKING
 - UTILITY POLE
 - WD AREA LIGHTING
 - CB - CORNER OF BUILDING
 - CC - YARD CONSTRUCTION BASELINE
 - CC - CORNER OF CANOPY
 - CL - CENTER LINE OF CURVE
 - CP - CONTROL POINT
 - CP - ENDPOINT OF CURVE
 - EP - LIGHT POLE
 - LT, RT - LEFT, RIGHT
 - R, RAD - RADIUS OF CURVE
 - UP - UTILITY POLE

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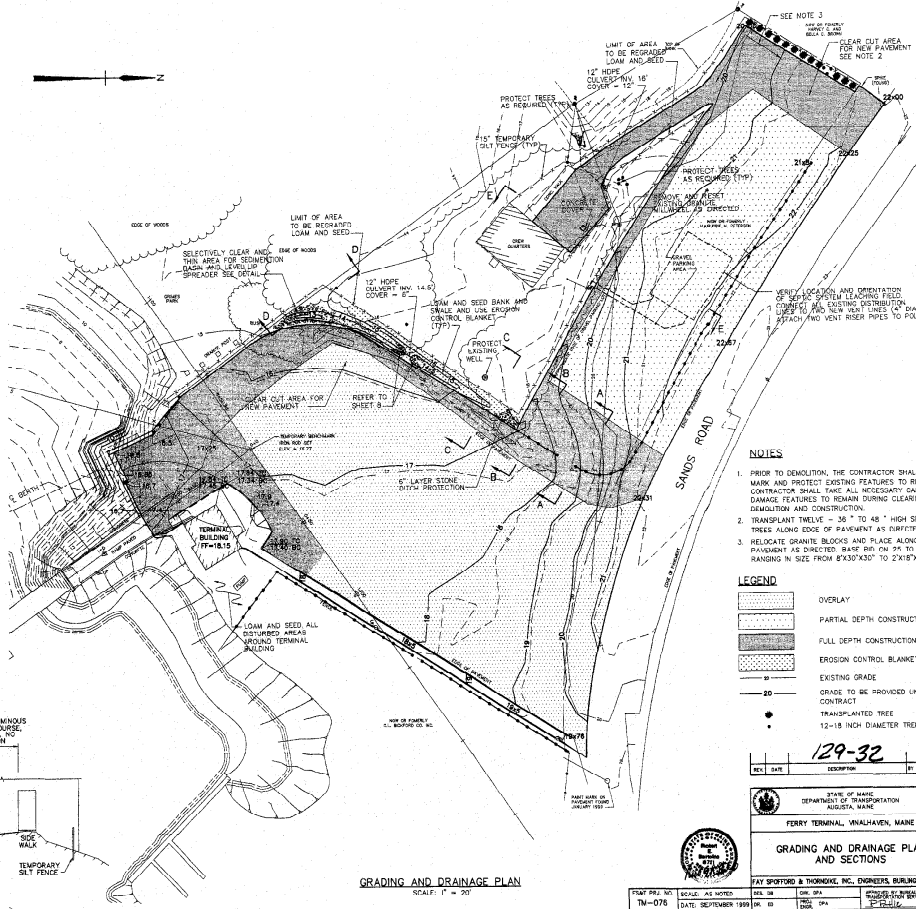
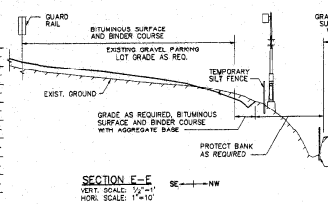
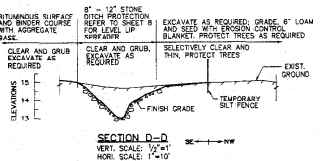
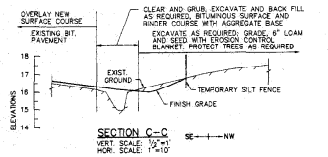
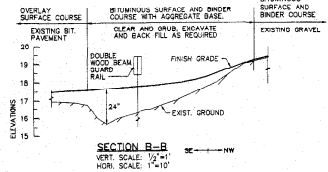
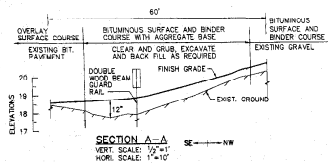
STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINE	
FERRY TERMINAL, WAHMAH, MAINE	
YARD PLAN	
FAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.	
PROJECT NO. TM-076	DATE: SEPTEMBER 1989
SCALE: 1"=30'	DESIGNED BY: [Signature]
CHECKED BY: [Signature]	APPROVED BY: [Signature]
SHEET 6 OF 53	



- NOTES:
1. THE SURVEY BASE LINE (ON A 45° 20' D) SHALL BE THE YARD CONSTRUCTION BASELINE. SEE SHEET 40.
 2. FOR THE BRIDGE CONSTRUCTION BASE LINE. SEE SHEET 6.
 3. CONNECT NEW BUILDING SEWER TO EXISTING SEWER (SEE SHEET 40).
 4. EXISTING WATER SEWER LINE FROM EXISTING BUILDING TO NEW BUILDING. SEE SHEET 4.
 5. EXTEND SEWER OUTFALL TO ELEVATION 3 FT. BELOW M.L.W. APPROXIMATELY 20 LINEAR FEET BEYOND HIS MEAN LOW WATER LINE.
 6. THE MINIMUM BURIAL DEPTH OF THE WATER AND SEWER LINES IS 4'-0" BELOW FROST GRADE. FURNISH AND INSTALL POLYETHYLENE PLASTIC INSULATION AT BURIAL DEPTHS LESS THAN 4'-0".



6/10/2019 10:10 AM 10/10 10/10 10/10



- NOTES**
1. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL CLEARLY MARK AND PROTECT EXISTING FEATURES TO REMAIN. CONTRACTOR SHALL TAKE ALL NECESSARY CARE NOT TO DAMAGE FEATURES TO REMAIN DURING CLEARING, DEMOLITION AND CONSTRUCTION.
 2. TRANSPLANT TWELVE - 36" TO 48" HIGH SPRUCE TREES ALONG EDGE OF PAVEMENT AS SHOWN.
 3. REDUCATE GRANITE BLOCKS AND PLATE ALONG EDGE OF PAVEMENT AS DIRECTED BASE PER PLAN 24 TO 26. PILES, HANDING IN SIZE FROM 8"X30" TO 24"X36".

LEGEND

[Pattern]	OVERLAY
[Pattern]	PARTIAL DEPTH CONSTRUCTION
[Pattern]	FULL DEPTH CONSTRUCTION
[Pattern]	EROSION CONTROL BLANKET
[Pattern]	EXISTING GRADE
[Pattern]	GRADE TO BE PROVIDED UNDER THIS CONTRACT
[Symbol]	TRANSPLANTED TREE
[Symbol]	12-18 INCH DIAMETER TREE

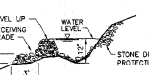
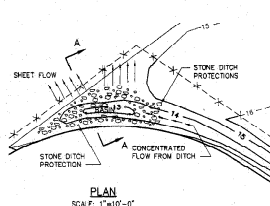
129-32

REV.	DATE	DESCRIPTION	BY	CHK.	APP.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE
FERRY TERMINAL, WINDHAM, MAINE
GRADING AND DRAINAGE PLAN AND SECTIONS



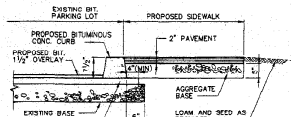
FAY SPAFFORD & THONIGALE, INC., ENGINEERS, BURLINGTON, MAINE
 PLAN NO. TN-076 SCALE: AS SHOWN DATE: SEPTEMBER 1989 PK. 31 LOM: 200 HIGHS: 2000
 SHEET 7 OF 33



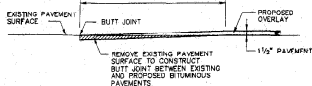
SEDIMENTATION BASIN WITH LEVEL UP SPREADER



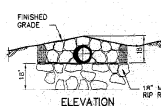
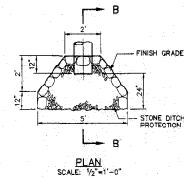
PAVEMENT DETAIL



CURB AND SIDEWALK SECTION

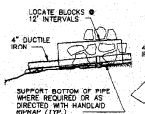


PAVEMENT OVERLAY BUTT JOINT DETAIL

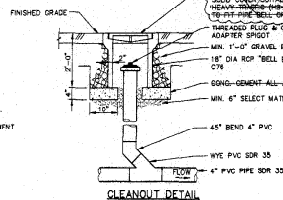


SECTION B-B

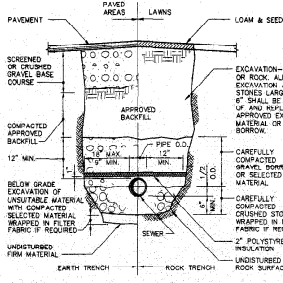
CULVERT DETAILS



SEWER OUTFALL TIAL ZONE AND BELOW MLW

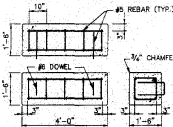


CLEANOUT DETAIL

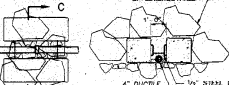


NOTE: REFER TO SPECIFICATIONS FOR MATERIAL, DETAILED, BACKFILLING AND COMPACTION REQUIREMENTS.

TYPICAL TRENCH SECTION-EARTH AND ROCK



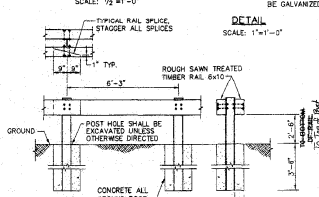
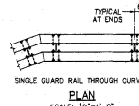
ANCHOR BLOCK



SECTION C-C

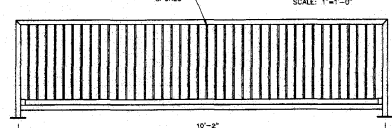
SERVICE CABINET PAD

NOTE: COORDINATE ANCHOR BOLT LOCATIONS WITH CABINET MANUFACTURER, SEE SHEET 36.



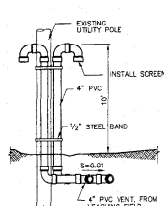
DOUBLE WOOD BEAM GUARD RAIL

NOTE: FRAME OF 1-1/2" O.D. GALVANIZED STEEL PIPE. SPOKES OF 1/2" O.D. GALVANIZED STEEL PIPE. WALLABLE IRON, NOT-OP. GALV. BASE FLANGES, 1-1/2" HIGH. HANDLES FOR FASTENING TO FRAME, FOOTING, 2" DEEP. FITTINGS ARE CLAMP TYPE. SPOKE STAND IS 10'-2" LONG. 37" HIGH. SIDE CROSS BRACE IS 2 1/2" OFF THE GROUND. SPOKE FRAME IS 4 1/2" OFF THE UNIFORM, 22" OFFSPRINGS ARE 2-1/2" WIDE. DUTING BACK IS GALVANIZED FOR PERMANENT RUST-PROOFING.

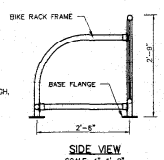


FRONT VIEW

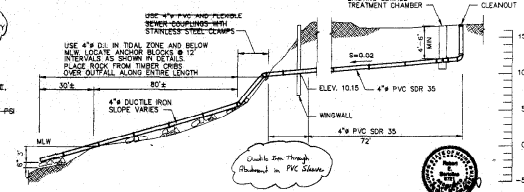
BICYCLE RACK



LEACHING FIELD VENTS



SIDE VIEW



SEWER OUTFALL PROFILE

VERT. SCALE: 1"=5'

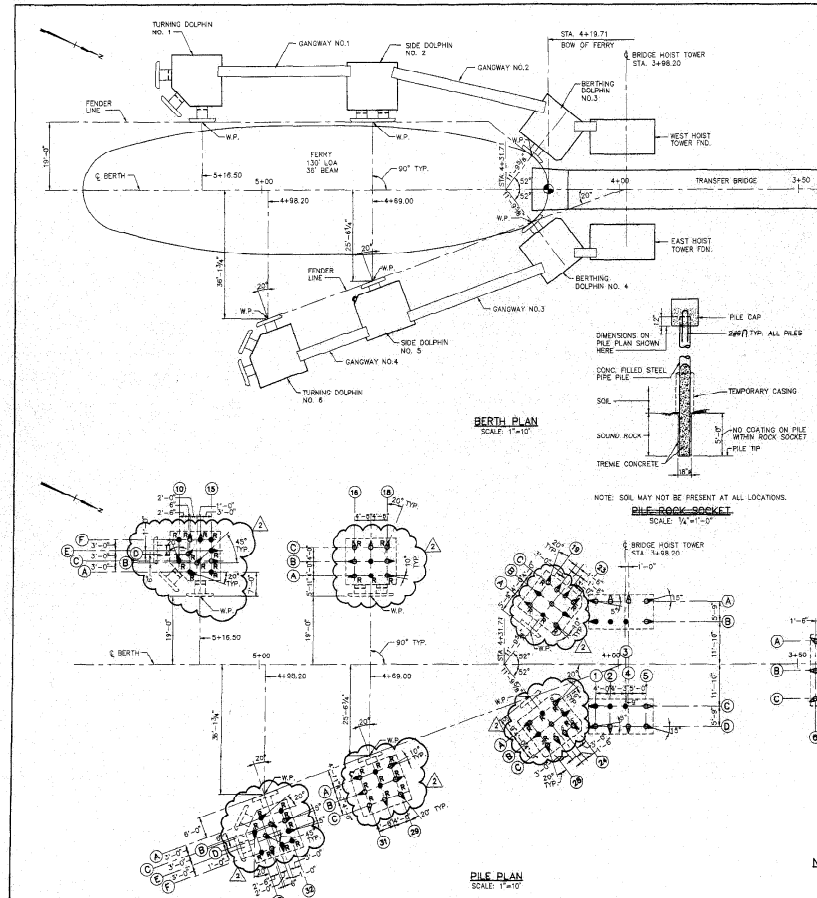
HORIZ. SCALE: 1"=20'



FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.

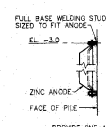
129-33			
REV.	DATE	DESCRIPTION	BY
1	09/14/99	10-03	[Signature]
STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINE FERRY TERMINAL, WHALHAVEN, MAINE			
SITE DETAILS			
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.			
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.			
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.			
FAY SPOTTED & THORDING, INC. ENGINEERS, BURLINGTON, MASS.			

SHEET 8 OF 53

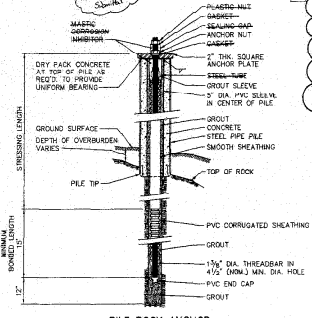


BERTH PLAN
SCALE: 1"=10'

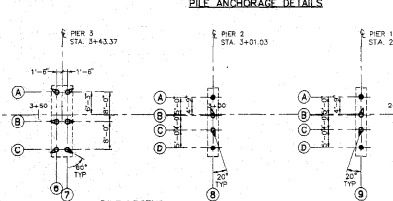
PILE PLAN
SCALE: 1"=10'



AND/OR ATTACHMENT DETAIL
NOT TO SCALE



PILE ROCK ANCHOR
NOT TO SCALE



PILE LEGEND

- 14" PLUMB
- 14" BATTER 2:12
- 14" BATTER 3:12
- 14" BATTER 4:12
- 16" PLUMB
- 16" BATTER 2:12
- 16" BATTER 3:12
- 16" BATTER 4:12
- 18" PLUMB
- 18" BATTER 2:12
- 18" BATTER 3:12
- 18" BATTER 4:12
- 20" PLUMB
- 20" BATTER 2:12
- 20" BATTER 3:12
- 20" BATTER 4:12

NOTES:

1. DIMENSIONS FOR PILES SHOWN AT CUTOFF ELEVATION FOR DOLPHINS AND HOST TOWER FOUNDATIONS DIMENSIONS ON PILE PLAN ARE SHOWN AT BOTTOM OF CONCRETE FOR PIER CAPS.
2. CONTRACTOR SHALL VERIFY HORIZONTAL DEPTH OF FENDER PANELS AND RUBBER FENDER ELEMENTS PRIOR TO DRIVING PILES FOR DOLPHINS.

SCHEDULE OF ESTIMATED PILE TIP ELEVATIONS

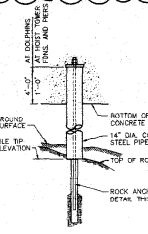
LOCATION	ELEVATION
PIER NO. 1	-2.0
PIER NO. 2	-4.0
PIER NO. 3	-12.0
WEST HOST TOWER FON	-17.0
EAST HOST TOWER FON	-21.0
DOLPHIN NO. 1	-34.0
DOLPHIN NO. 2	-33.0
DOLPHIN NO. 3	-20.0
DOLPHIN NO. 4	-20.0
DOLPHIN NO. 5	-25.0
DOLPHIN NO. 6	-45.0

*THE INTENT OF THIS SCHEDULE IS TO PROVIDE A BASIS FOR BIDDING ONLY. THE PILES SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS TO REFLECT ON BEARING. ACTUAL TIP ELEVATIONS WILL VARY FROM THIS SCHEDULE. PILE ORDER LENGTHS SHALL BE AT LEAST 5 FEET LONGER THAN 1/4 INCH BERTH ON ESTIMATED TIP ELEVATIONS.

PIPE PILE LOADS
14" DIAMETER 75 TONS COMPRESSION
18" DIAMETER 80 TONS COMPRESSION

ROCK ANCHOR LOADS

PILE	TENSION LOAD	LOCK-DET.
C15, F14, E32, F33	80,000 LBS.	20,000 LBS.
A32, F37	80,000 LBS.	20,000 LBS.
A18, B18, D11, F18, F16, A19, A22, A24, A25, C32, F32, F35	40,000 LBS.	50,000 LBS.
A12, C10, C15, F12, A15, A17, A18, C16, C18, A21, C26, C28, A36, C34, C36, C38, A39, A41, B34, B35, B37, C39, C40, C41, A38, C37	25,000 LBS.	25,000 LBS.



TYPICAL TENSION PILE
NOT TO SCALE

NOTES:

1. FOR GANGWAY DIMENSIONS SEE ALUMINUM BRASS TYPE GANGWAYS. SHEET 13.
2. ROCK ANCHORS REQUIRED AT DOLPHINS, PIERS AND HOST TOWER FOUNDATIONS. THE CONTRACTOR MAY SUBSTITUTE A ROCK SOCKET FOR A ROCK ANCHOR AT PIERS 1 & 2 AT NO ADDITIONAL COST TO THE STATE.

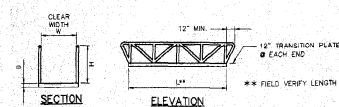
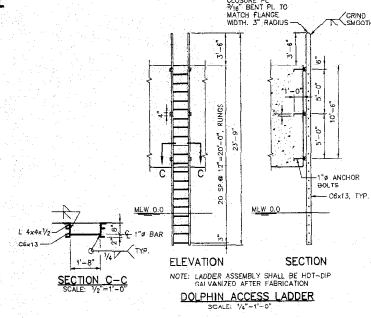
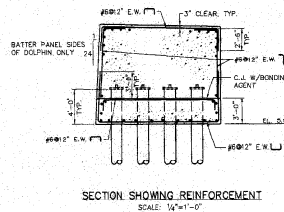
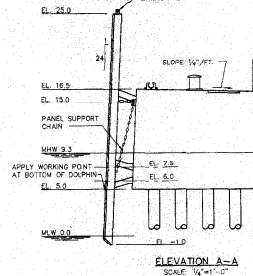
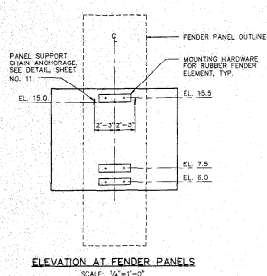
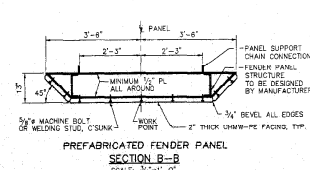
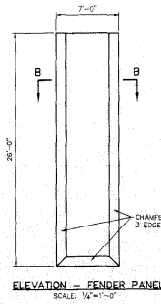
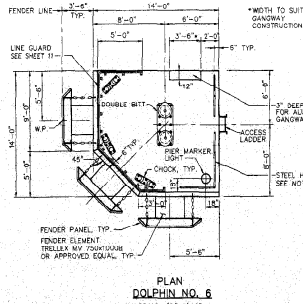
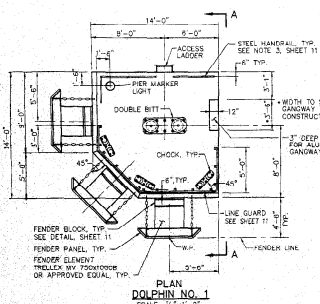
129-34

NO.	DATE	DESCRIPTION	BY	CHK.
1	10/1/88	PILE TIP ELEVATIONS REVISED	MD	MD
2	10/1/88	REVISION	MD	MD

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
ROBERTA NAME
FERRY TERMINAL, VINALHAVEN, MAINE
BERTH PLAN - PILE PLAN



PAT SPAFFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.
TEST FILE NO. TM-076
DATE: SEPTEMBER 1988
SHEET 9 OF 53

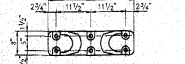


DIMENSIONS			
GANGWAY NO.	W	H	L
1	36"	42"	27'
2	36"	42"	43'
3	36"	42"	43'
4	36"	42"	21'

DESIGN REQUIREMENTS

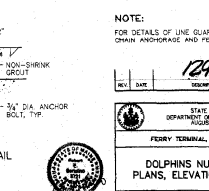
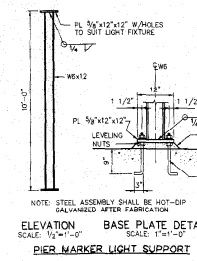
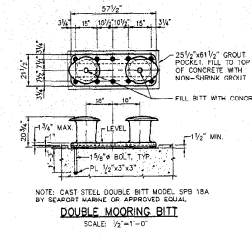
- SEE DESIGN DATA SHEET FOR DESIGN LOADS
- TRUSS TYPE CONSTRUCTION
- FIELD VERIFY LENGTHS AFTER DOLPHIN CONSTRUCTION
- ALUMINUM SHALL BE 6061-T6 MARKING ALLOY
- EXTEND PILING MIN. 12" BEYOND END OF GANGWAY

ALUMINUM TRUSS TYPE GANGWAYS
NOT TO SCALE



NOTE: CAST STEEL 8" PLAIN OPEN CHOCK MODEL 10750C-R BY SCHOLLHORN-ALBRECHT OR APPROVED EQUAL.

MOORING CHOCK DETAIL
SCALE: 1"=1'-0"



NOTE:
FOR DETAILS OF LINE GUARDS, FENDER PANEL SUPPORT CHAIN ANCHORAGE AND FENDER BLOCK, SEE SHEET 11.

129-35

REV	DATE	DESCRIPTION	BY	CHK	APP
1					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINE
FERRY TERMINAL, UNALASKA, MAINE

DOLPHINS NUMBER 1 AND 6
PLANS, ELEVATIONS AND DETAILS

FAY SPOTFORD & THORNTON, INC., ENGINEERS, BURLINGTON, MASS.

FAY SPOTFORD & THORNTON, INC.
SCALE AS NOTED
DATE: SEPTEMBER 1965

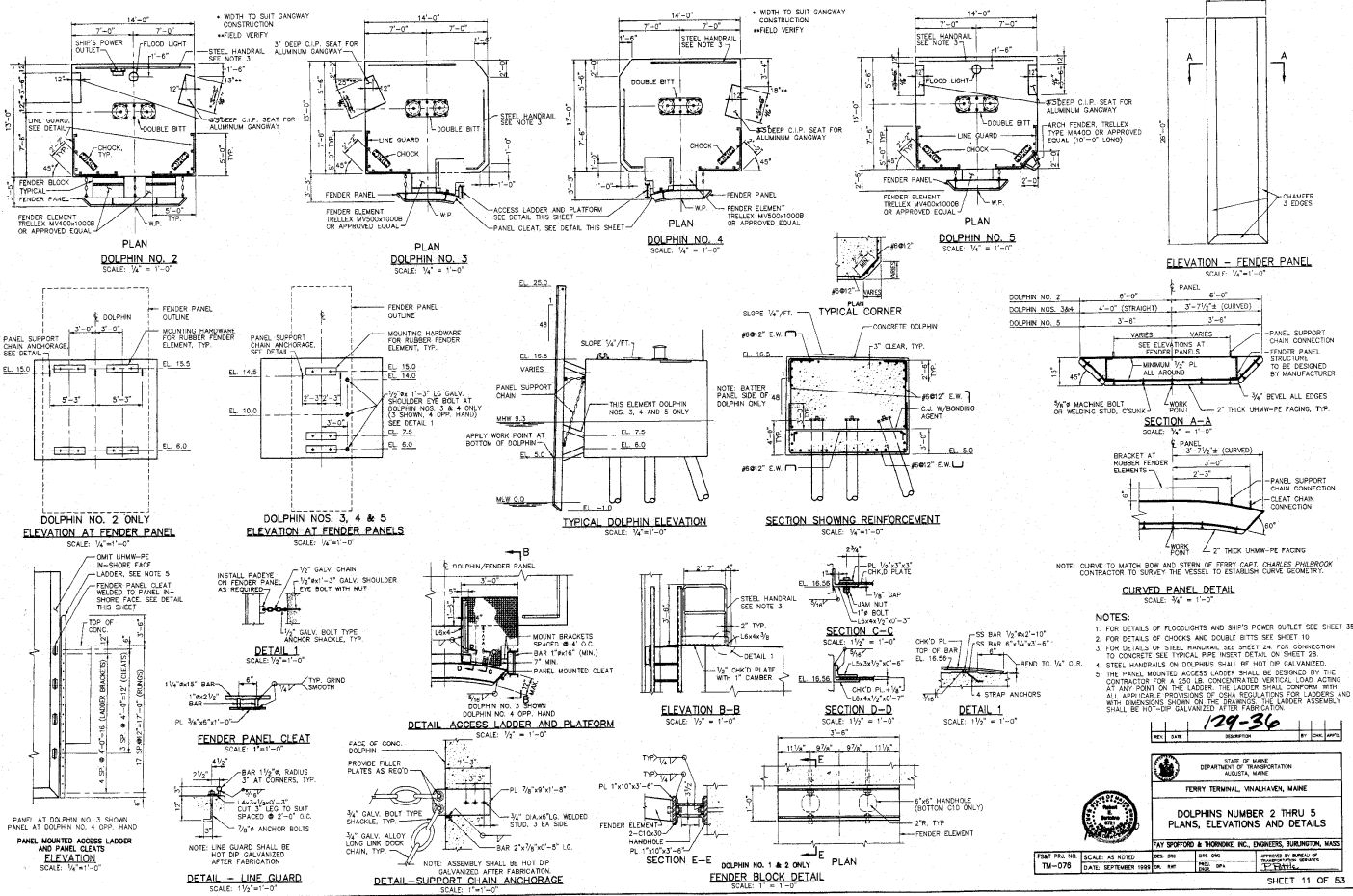
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINE
FERRY TERMINAL, UNALASKA, MAINE

DOLPHINS NUMBER 1 AND 6
PLANS, ELEVATIONS AND DETAILS

FAY SPOTFORD & THORNTON, INC., ENGINEERS, BURLINGTON, MASS.

FAY SPOTFORD & THORNTON, INC.
SCALE AS NOTED
DATE: SEPTEMBER 1965

SHEET 10 OF 53

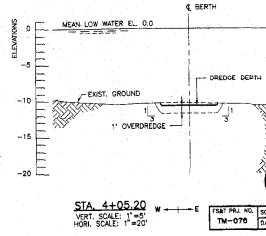
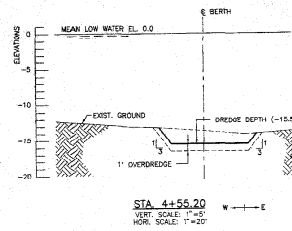
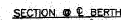


NOTES:

- FOR DETAILS OF FLOODLIGHTS AND SHIP'S POWER OUTLET SEE SHEET 35
- FOR DETAILS OF CHOCKS AND DOUBLE BITS SEE SHEET 10
- FOR DETAILS OF STEEL HANDRAILS SEE SHEET 24 FOR CONNECTION TO CONCRETE. SEE TYPICAL PIPE WELD DETAIL ON SHEET 25
- STEEL HANDRAILS ON DOLPHINS SHALL BE HOT DIP GALVANIZED
- THE PANEL MOUNTED ACCESS LADDER SHALL BE DESIGNED BY THE CONTRACTOR FOR A 250 LB. CONCENTRATED VERTICAL LOAD ACTING AT ANY POINT ON THE LADDER. THE LADDER SHALL CONFORM WITH ALL APPLICABLE PROVISIONS OF OSHA REGULATIONS FOR LADDERS AND WITH DIMENSIONS SHOWN ON THE DRAWINGS. THE LADDER ASSEMBLY SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.

179-36	
NO.	DATE
1	10/1/80
2	10/1/80
3	10/1/80
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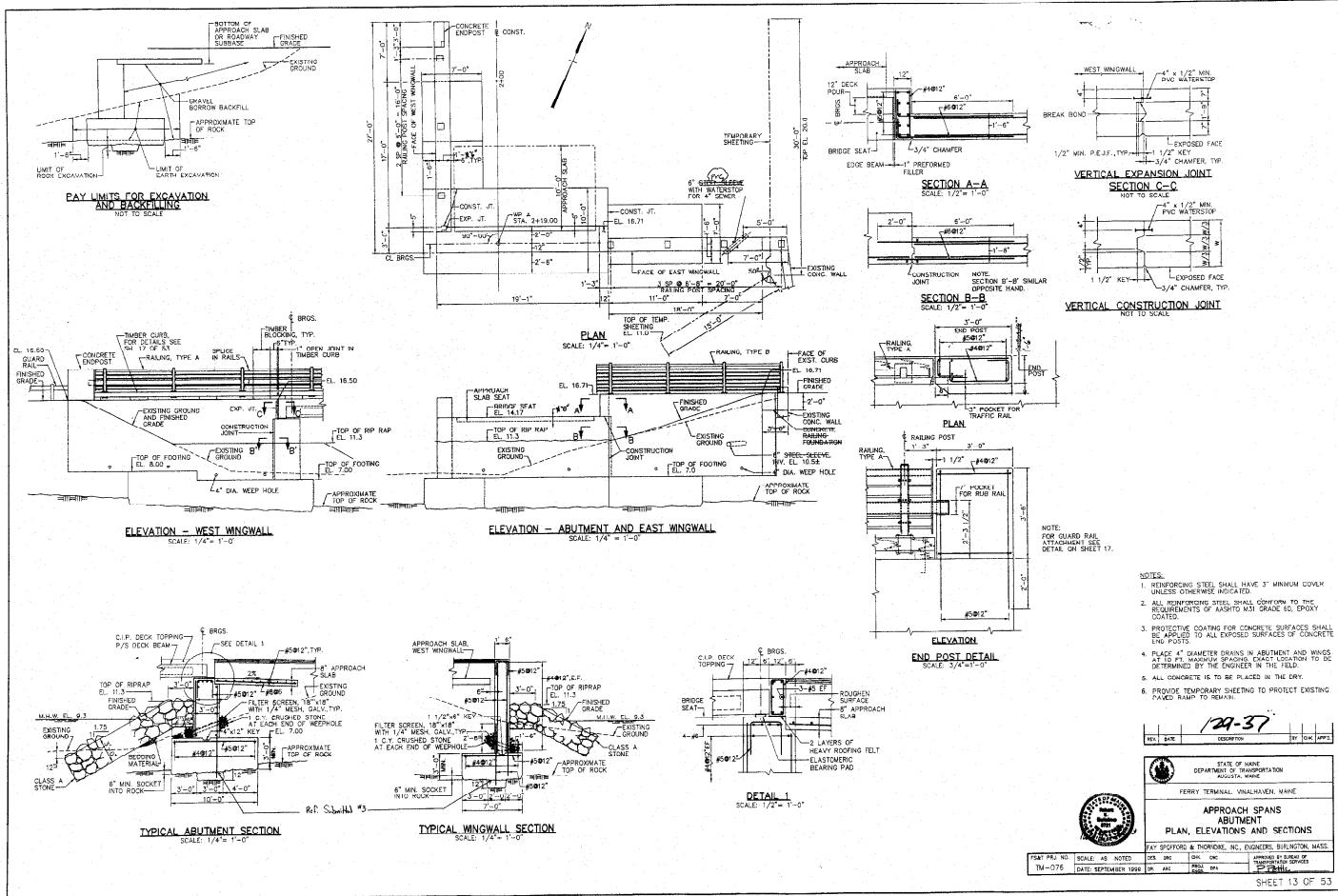
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINE
FERRY TERMINAL, UNALASKA, MAINE
DOLPHINS NUMBER 2 THRU 5
PLANS, ELEVATIONS AND DETAILS
BY SPURDIN & THORNDIKE, INC., DUNSMITH, BURLINGTON, MASS.
179-078 SCALE AS NOTED
DATE: SEPTEMBER 1980
SHEET 11 OF 53

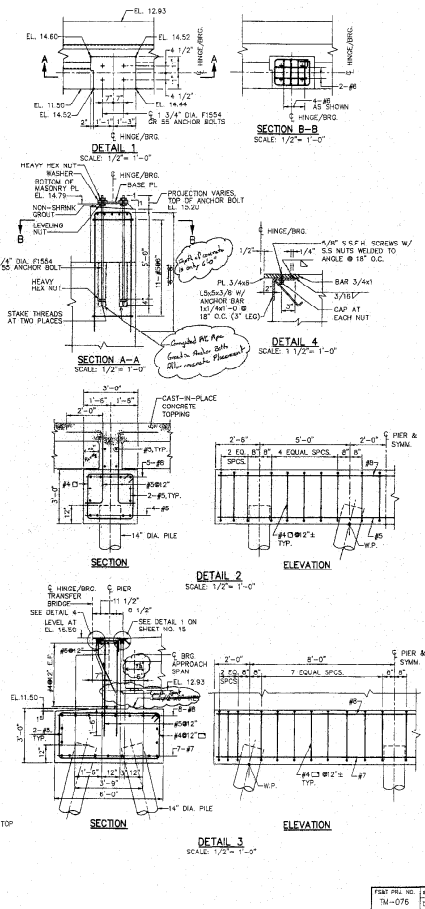
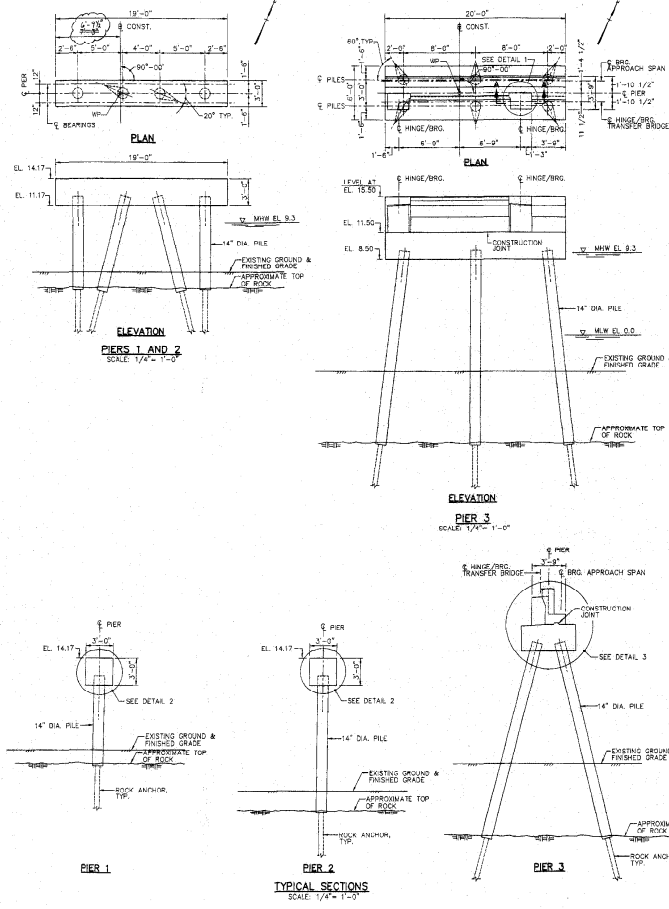


129-37

REC. DATE	DESCRIPTION	BY	CHK. AMTS.
 STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE FERRY TERMINAL, VINALHAVEN, MAINE DREDGE PLANT AND SECTIONS FAY SPORFORD & THORNEKE, INC., ENGINEERS, DUBLINGTON, MASS. SEE ENG. DRAW. FOR APPROVED BY BUREAU OF 1989 REC. ID. PLAN SPA. MAINTENANCE SERVICES 12-11-88 12-11-88 12-11-88 12-11-88			

SHEET 12 OF 5



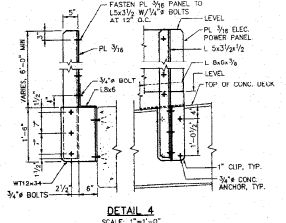
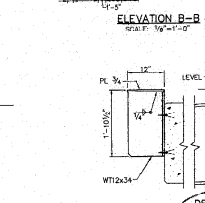
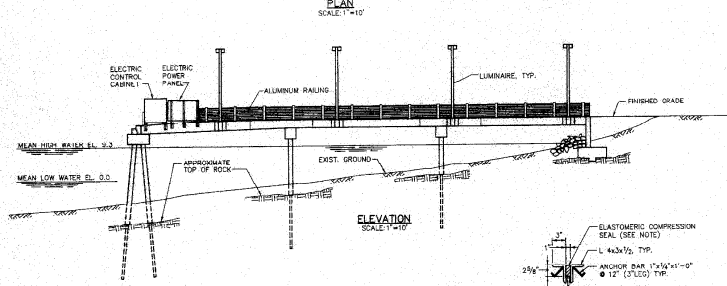
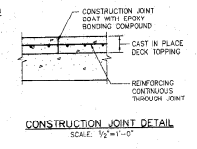
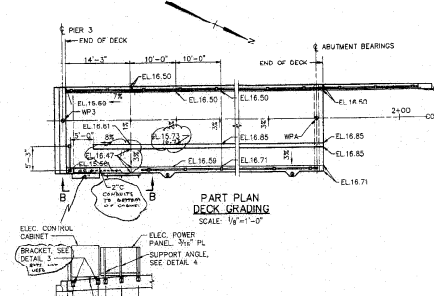
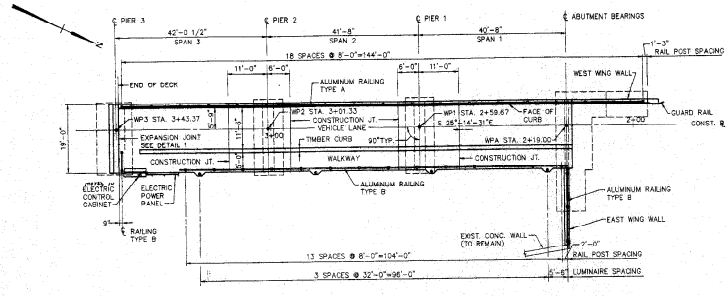


- NOTES:**
1. REINFORCING STEEL SHALL HAVE 3" MINIMUM COVER UNLESS OTHERWISE INDICATED.
 2. ALL REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M11 GRADE 60, PROXY COATED.
 3. FOR PILE PLAN AND DETAILS, SEE SHEET 9 OF 53.

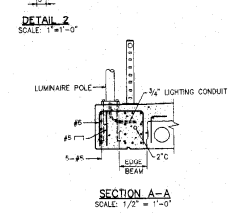
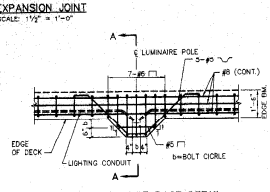
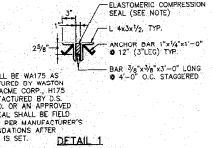
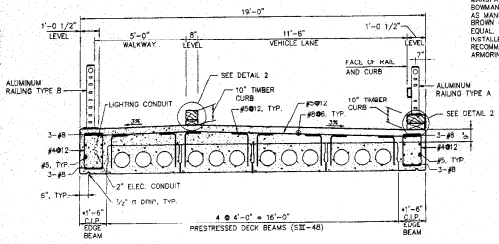
DESIGN CRITERIA:

1. CRITICAL AASHTO LOADING - GROUP VI.

129-38	
NO. DATE	DESCRIPTION
STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINE STATE HIGHWAY FERRY TERMINAL, WILKINSON, MAINE	
APPROACH SPANS PIERS PLANS, ELEVATIONS AND SECTIONS	
BY SPOTFORD & THORP, INC., ENGINEERS, BURLINGTON, MASS.	
PIER NO. 12	SCALE: AS NOTED
DATE: SEPTEMBER 1988	DATE: SEPTEMBER 1988
BY: J. H. SPOTFORD	BY: J. H. SPOTFORD
DATE: SEPTEMBER 1988	DATE: SEPTEMBER 1988
SHEET 14 OF 53	



- NOTES:
1. REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 3" UNLESS OTHERWISE INDICATED.
 2. THE PORTION OF THE DECK TYPING OVER THE PIER SHALL BE PLACED AFTER THE CONCRETE IN THE REMAINDER OF THE SPAN HAS BEEN PLACED.
 3. PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED TO THE FOLLOWING AREAS:
 - A. FASOG DOWN TO THE DRIP NOTCH.
 - B. ALL EXPOSED SURFACES OF CONCRETE END POST.
 - C. CONCRETE WEARING SURFACE.
 4. ALL CAST-IN-PLACE CONCRETE SHALL CONTAIN A SILICA FUME ADDITIVE.
 5. ALL STEEL AND ANCHOR BOLTS FOR ELECTRICAL SUPPORT BRACKETS TO BE GALVANIZED.
 6. TIMBER CURB AND BLOCKING TO BE FULL SAW.



6/17/00 000000000000000000 00/00/00 10.00 000.00

129-39

NO.	DATE	DESCRIPTION	BY	CHK	APP
1					

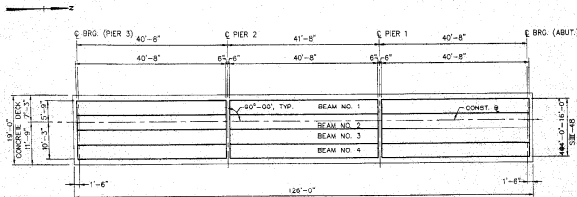
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINE
FERRY TERMINAL, WILKINSON, MAINE

APPROACH SPANS
PLAN, ELEVATION AND SECTION

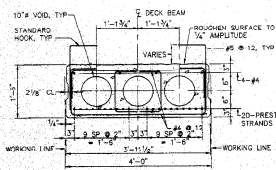
PAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MAINE

DESIGN NO. TM-076 SCALE: AS NOTED
DATE: SEPTEMBER 1988
BY: RFP
CHECKED BY: RFP
APPROVED BY: RFP

SHEET 15 OF 53

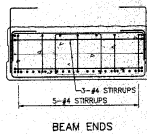


APPROACH - FRAMING PLAN
SCALE: 1"=10'

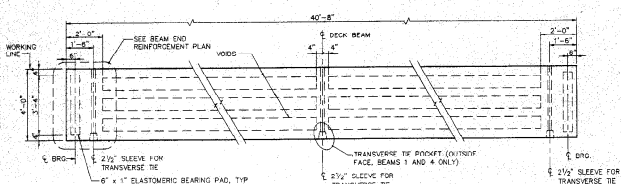


MID SPAN

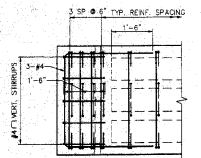
TYPICAL - BEAM SECTIONS
SCALE: 1"=1'-0"



BEAM ENDS



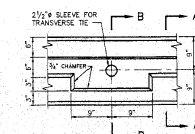
PLAN - TYPICAL BEAM
SCALE: 1/2"=1'-0"



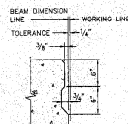
PLAN - BEAM END REINFORCEMENT
SCALE: 3/4"=1'-0"

- NOTES:
1. ELASTOMER FOR BEARING PADS TO BE LOW TEMPERATURE GRADE 3 60 SHORENESS.
 2. BOND ELASTOMERIC BEARING PADS TO REAMS AND CONCRETE SEATS.

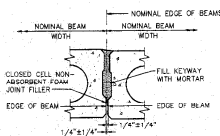
NOTE:
CORRELS IN TO DECK SLAB
NOT SHOWN



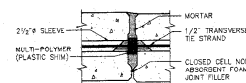
SHEAR KEY ELEVATION AT
TRANSVERSE TIE LOCATIONS
SCALE: NOT TO SCALE



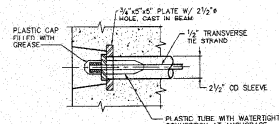
SHEAR KEY DETAIL
SCALE: NOT TO SCALE



SECTION A-A
SCALE: NOT TO SCALE



SECTION B-B
SCALE: NOT TO SCALE



TRANSVERSE TIE POCKET DETAIL
SCALE: 3"=1'-0"

TRANSVERSE TIE TENSIONING NOTES:

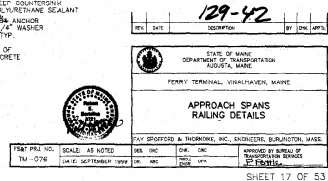
1. AS EACH BEAM IS BEING ERECTED, INSTALL SHIMS BETWEEN THE BEAMS AT EACH TRANSVERSE TIE LOCATION.
2. FILL ALL KEYWAYS WITH MORTAR BEFORE TIES ARE TENSIONED. IF THE KEYWAYS ARE NOT FILLED WITHIN FIVE DAYS AFTER THE BEAMS ARE ERECTED, THE CONTRACTOR SHALL COVER AND PROTECT THE KEYWAYS FROM THE WEATHER AND DESHIM INTO THEM ANY ART, FILLING, DRIFT OR HEAVY EQUIPMENT WILL BE PERMITTED ON THE BEAMS. ALL TIES HAVE BEEN PROPERLY TENSIONED. TENSION EACH TRANSVERSE TIE TO 25,000 POUNDS.
3. CONCRETE FOR COMPOSITE DECK, AND EDGE BEAMS SHALL BE PLACED AFTER THE MORTAR HAS CURED.

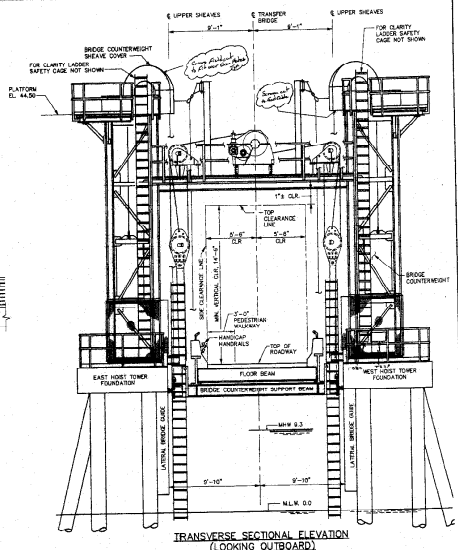
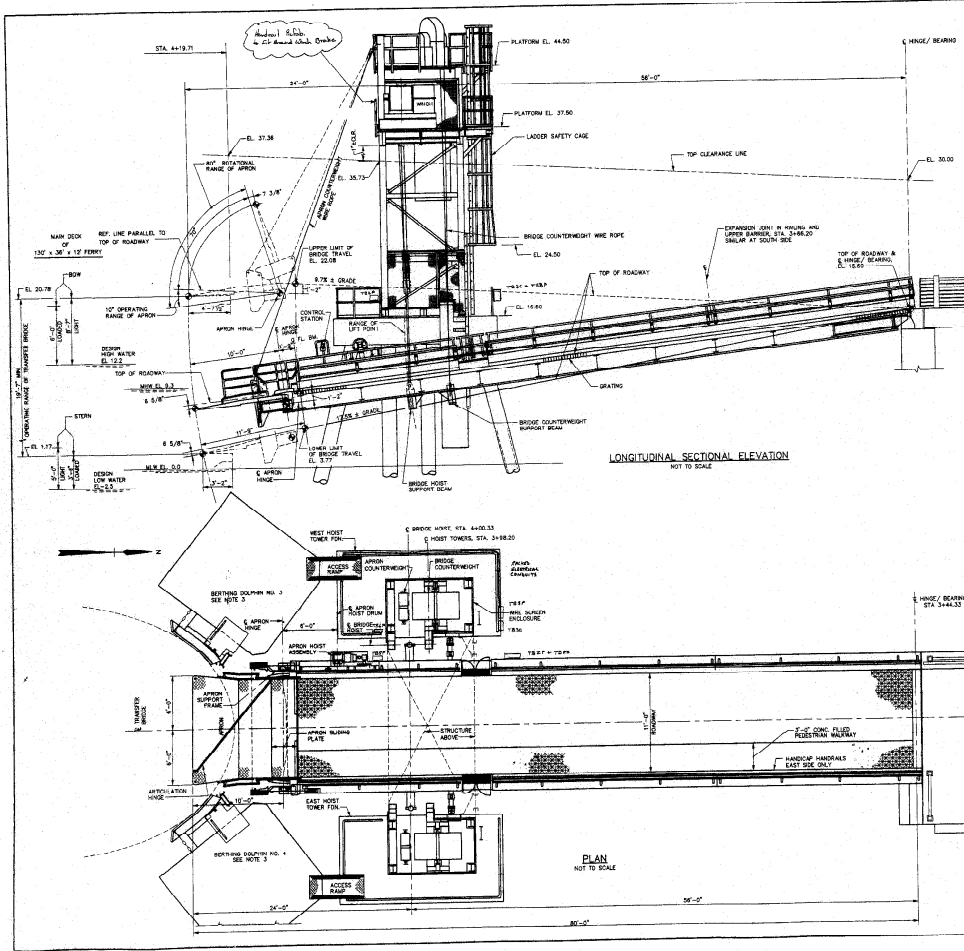
PRESTRESS NOTES:

1. ALL PRESTRESSING ELEMENTS SHALL BE 1/2" UNCOATED, SEVEN-WIRE, STRESS RELIEVED, LOW RELAXATION STEEL STRANDS AND SHALL CONFORM TO ASTM A4210.103.
2. THE MINIMUM ULTIMATE TENSILE STRENGTH OF THE PRESTRESSING STRANDS SHALL BE 276,000 POUNDS PER SQUARE INCH.
3. THE INITIAL TENSION PER 1/2" STRAND SHALL BE 30,880 POUNDS.
4. THE MINIMUM 28 DAY COMPRESSION STRENGTH SHALL BE 6000 P.S.I.
5. NO PRESTRESS SHALL BE TRANSFERRED TO THE CONCRETE UNTIL IT HAS ATTAINED A COMPRESSION STRENGTH, AS SHOWN BY A CYLINDER TEST, OF AT LEAST 4000 P.S.I.
6. THE FABRICATOR IS HELD RESPONSIBLE FOR THE DESIGN OF THE LIFTING DEVICES WHICH SHALL BE ADEQUATE FOR THE QUALITY FACTORS REQUIRED BY THE ERECTION PROCEDURE.
7. REINFORCEMENT TO BE ERODENT (FATIGUE).
8. CONCRETE SHALL CONTAIN A CALCIUM NITRIDE CORROSION INHIBITOR AS PER SPECIAL PROVISION, SECTION 5.35.



129-41	
DATE	REVISION
STATE OF MAINE DEPARTMENT OF TRANSPORTATION FERRY TERMINAL, WILKINSON, MAINE APPROACH SPANS PRESTRESSED CONCRETE BEAM DETAILS FAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS. FERRY PROJ. NO. 104-078 SCALE: AS NOTED DATE: SEPTEMBER 1998 SHEET 16 OF 53	





NOTES:

- TRANSFER BRIDGE IS DESIGNED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS FOR HIGHWAY BRIDGES, 1988, THE LATEST EDITIONS OF THE DESIGN SPECIFICATIONS FOR BRIDGES, AND THE STANDARD SPECIFICATIONS FOR BRIDGES, 1988, INCLUDING CURRENT EDITIONS.
- TRANSFER BRIDGE, LATERAL, LIFT, AND SPREAD, AND ARE FOR THE STRUCTURE AT STATION 4+43.33.
- BRIDGE, PLATFORM, AND OTHER EQUIPMENT NOT SHOWN FOR CLARITY.

VERTICAL LOADS

AASHTO HS 25 TRUCK

129-43

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
MAINE

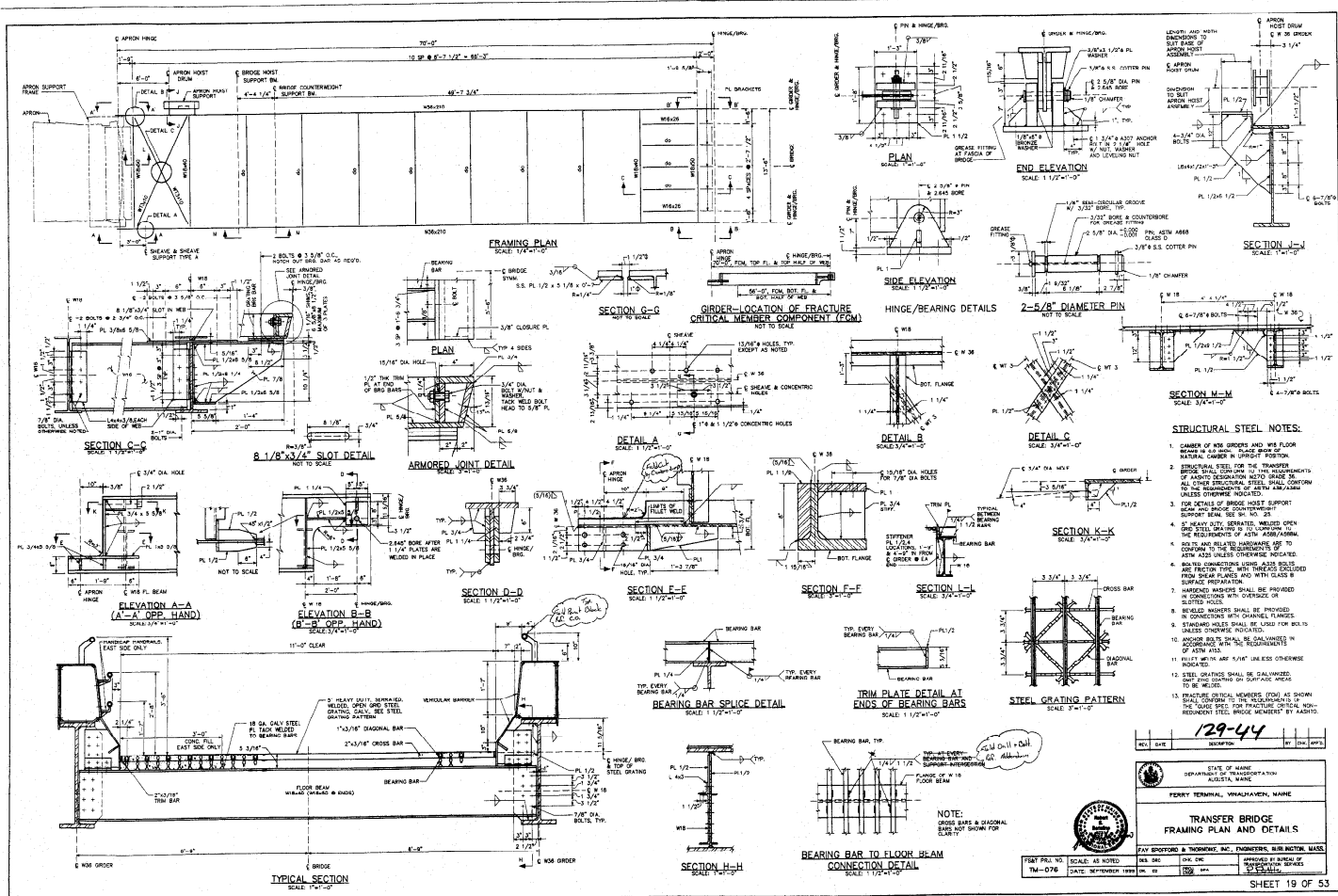
FERRY TERMINAL, VINALHAVEN, MAINE

TRANSFER BRIDGE
PLAN, ELEVATION AND SECTION

FAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.

DATE: 10/10/88
SCALE: AS SHOWN
DRAWN: JPA
CHECKED: JPA
DATE: 10/10/88

SHEET 18 OF 33

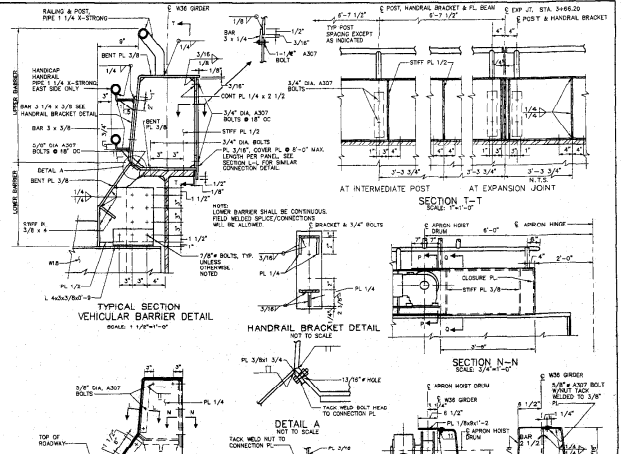


STRUCTURAL STEEL NOTES:

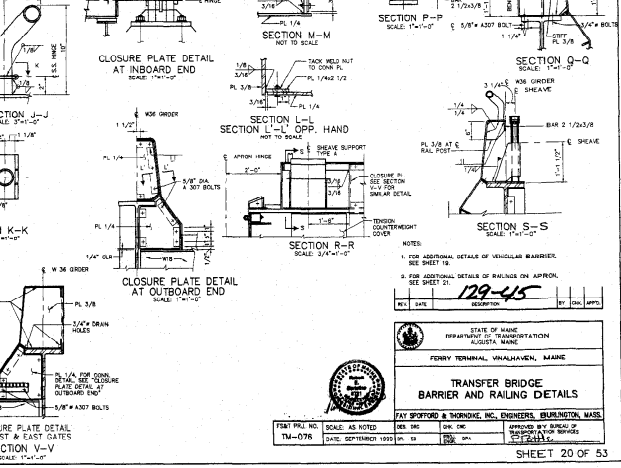
1. MEMBER OF WIR ORDERS AND WIR FLOOR MEMBER IN 4\"/>

10/10/1984 (10-10-1984) 10/10/1984 10/10/1984

129-44	
DATE	10/10/1984
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUSTIN, MAINE	
FERRY TERMINAL, WHALHAVEN, MAINE	
TRANSFER BRIDGE FRAMING PLAN AND DETAILS	
DESIGNED BY T.M. 076	CHECKED BY T.M. 076
DATE 10/10/1984	DATE 10/10/1984
APPROVED BY T.M. 076	

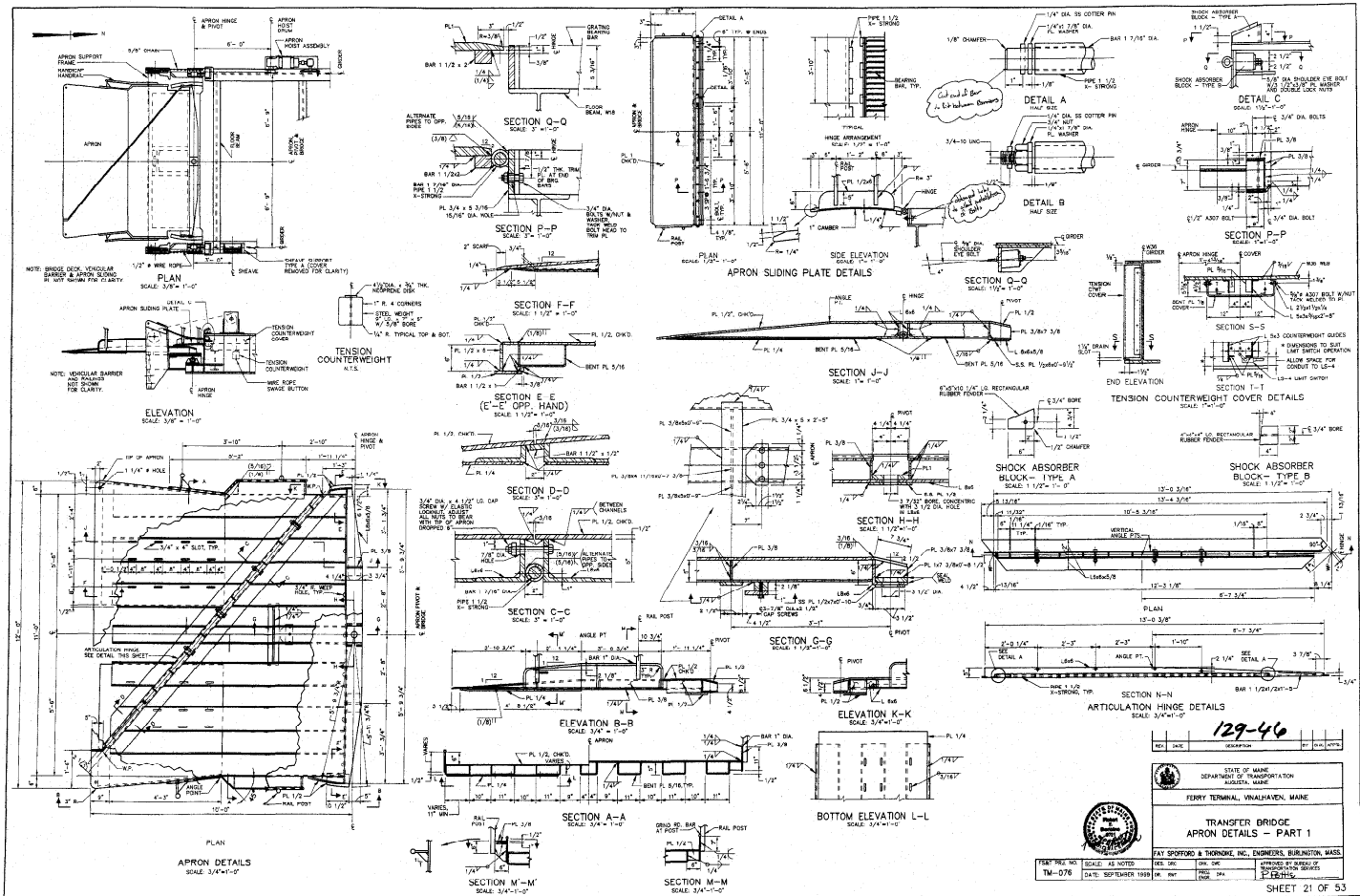


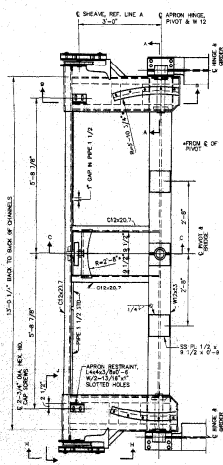
VEHICULAR BARRIER DETAIL



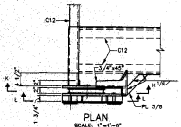
	STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE
	FERRY TERMINAL, VINALHAVEN, MAINE
TRANSFER BRIDGE BARRIER AND RAILING DETAILS	
RAY, BORDOWITZ & BORDOWITZ, INC. ENGINEERS 401 SUMMIT STREET, MAINE	

FS&T PROJ. NO. TM-076	SCALE: AS NOTED	DES. ENG.	CHK. ENG.	APPROVED BY BUREAU OF TRANSPORTATION SERVICES <i>P. J. [Signature]</i>
	DATE: SEPTEMBER 1990	DR. SR.	DES. ORA.	

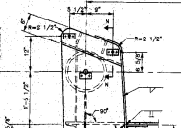




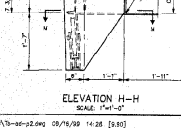
APRON SUPPORT FRAME
SCALE 3/4"=1'-0"



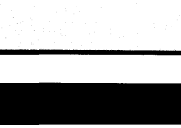
APRON HINGE DETAIL A
SCALE 3/4"=1'-0"



APRON HINGE DETAIL B
SCALE 3/4"=1'-0"



APRON HINGE DETAIL C
SCALE 3/4"=1'-0"



APRON HINGE DETAIL D
SCALE 3/4"=1'-0"



APRON HINGE DETAIL E
SCALE 3/4"=1'-0"



APRON HINGE DETAIL F
SCALE 3/4"=1'-0"



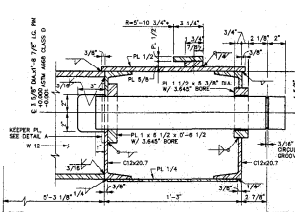
APRON HINGE DETAIL G
SCALE 3/4"=1'-0"



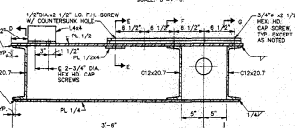
APRON HINGE DETAIL H
SCALE 3/4"=1'-0"



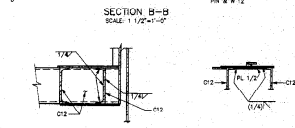
APRON HINGE DETAIL I
SCALE 3/4"=1'-0"



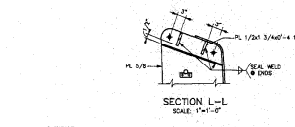
SECTION A-A
SCALE 3/4"=1'-0"



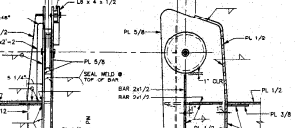
SECTION B-B
SCALE 3/4"=1'-0"



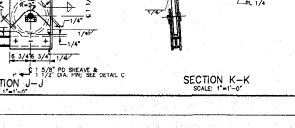
SECTION C-C
SCALE 3/4"=1'-0"



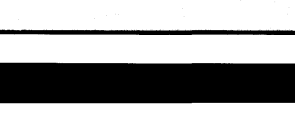
SECTION D-D
SCALE 3/4"=1'-0"



SECTION E-E
SCALE 3/4"=1'-0"



SECTION F-F
SCALE 3/4"=1'-0"



SECTION G-G
SCALE 3/4"=1'-0"



SECTION H-H
SCALE 3/4"=1'-0"



SECTION I-I
SCALE 3/4"=1'-0"



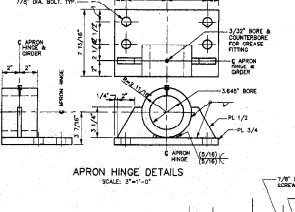
SECTION J-J
SCALE 3/4"=1'-0"



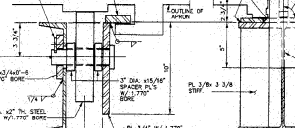
SECTION K-K
SCALE 3/4"=1'-0"



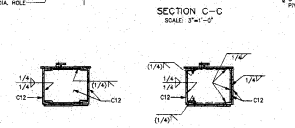
SECTION L-L
SCALE 3/4"=1'-0"



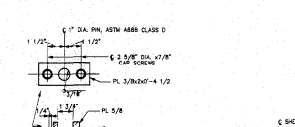
SECTION M-M
SCALE 3/4"=1'-0"



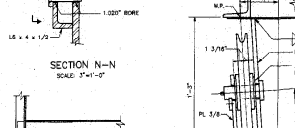
SECTION N-N
SCALE 3/4"=1'-0"



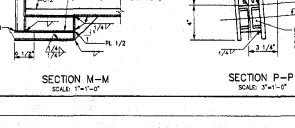
SECTION O-O
SCALE 3/4"=1'-0"



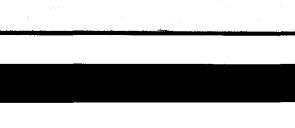
SECTION P-P
SCALE 3/4"=1'-0"



SECTION Q-Q
SCALE 3/4"=1'-0"



SECTION R-R
SCALE 3/4"=1'-0"



SECTION S-S
SCALE 3/4"=1'-0"



SECTION T-T
SCALE 3/4"=1'-0"



SECTION U-U
SCALE 3/4"=1'-0"



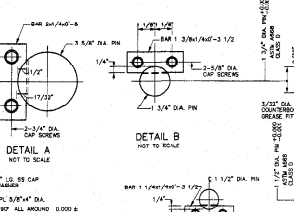
SECTION V-V
SCALE 3/4"=1'-0"



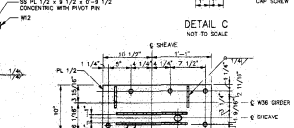
SECTION W-W
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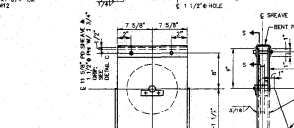
SECTION X-X
SCALE 3/4"=1'-0"



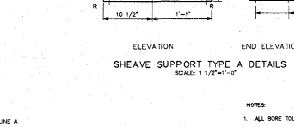
SECTION Y-Y
SCALE 3/4"=1'-0"



SECTION Z-Z
SCALE 3/4"=1'-0"



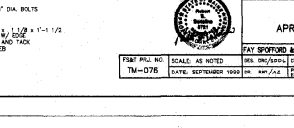
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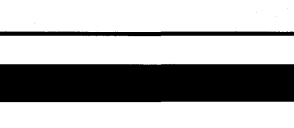
SECTION BB
SCALE 3/4"=1'-0"



SECTION CC
SCALE 3/4"=1'-0"



SECTION DD
SCALE 3/4"=1'-0"



SECTION EE
SCALE 3/4"=1'-0"



SECTION FF
SCALE 3/4"=1'-0"



SECTION GG
SCALE 3/4"=1'-0"



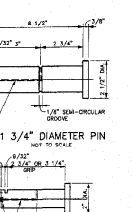
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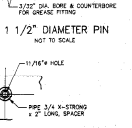
SECTION II
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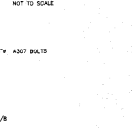
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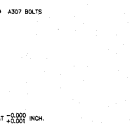
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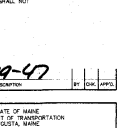
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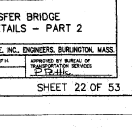
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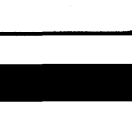
SECTION NN
SCALE 3/4"=1'-0"



SECTION OO
SCALE 3/4"=1'-0"



SECTION PP
SCALE 3/4"=1'-0"



SECTION QQ
SCALE 3/4"=1'-0"

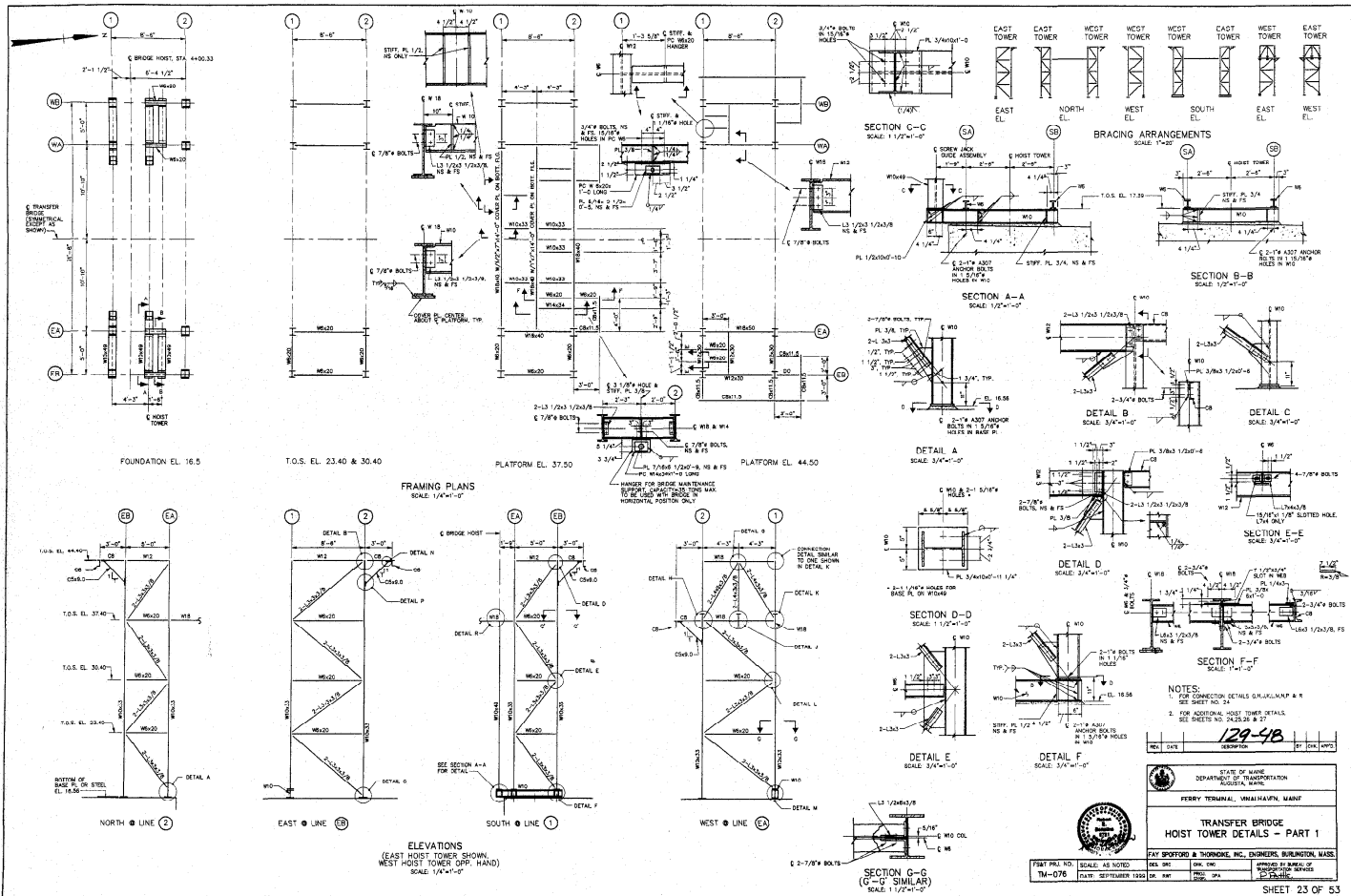


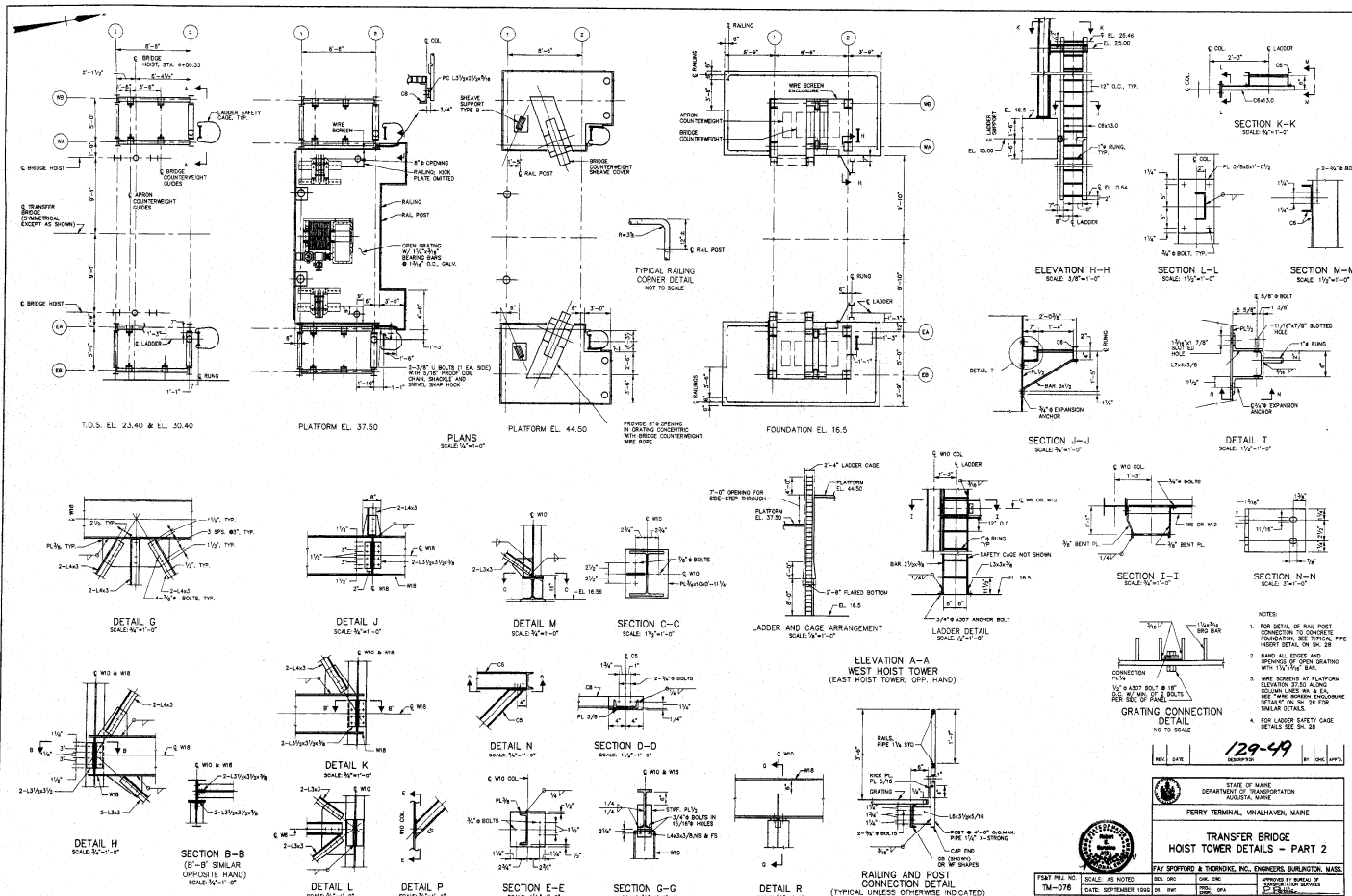
SECTION RR
SCALE 3/4"=1'-0"



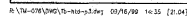
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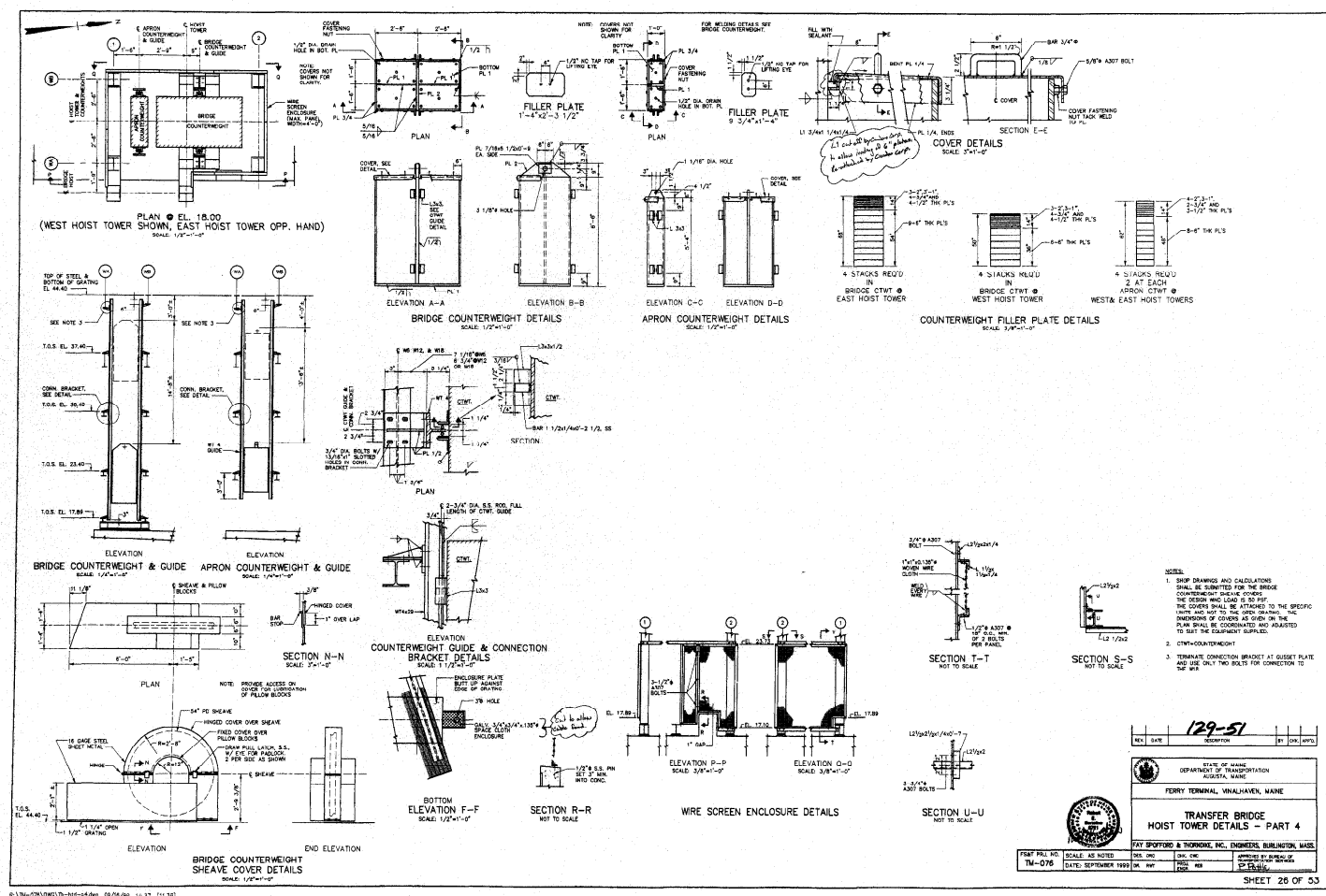


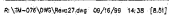


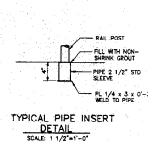
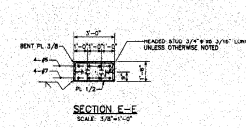
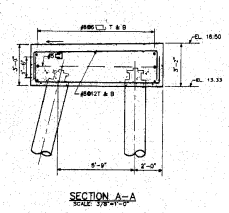
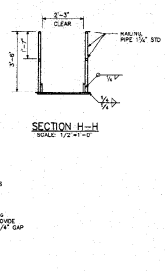
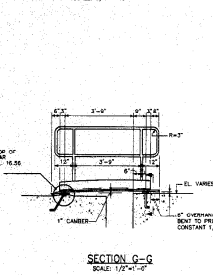
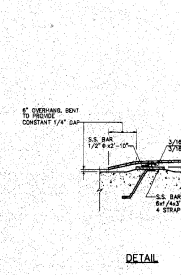
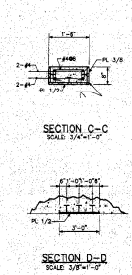
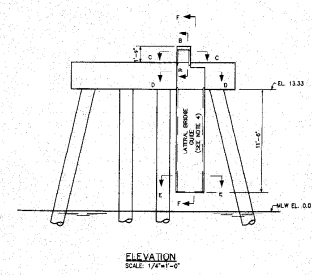
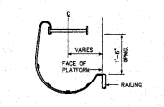
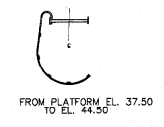
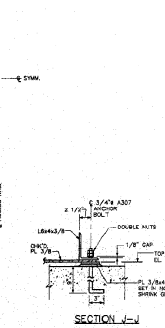
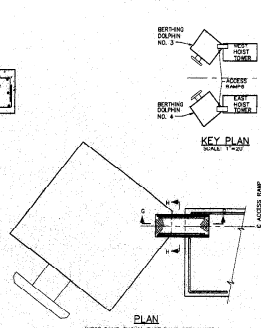
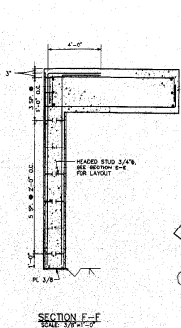
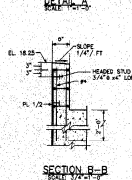
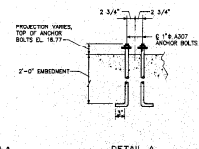
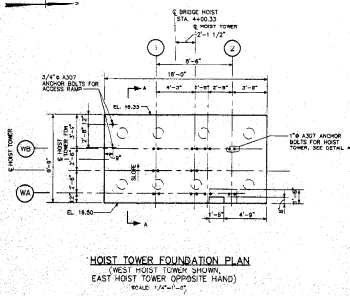


13m-275/276/277-10-10-10-10 06/16/80 14:34 [25.82]









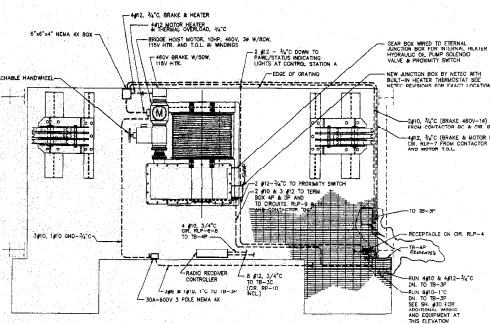
- NOTES:
- FOR GENERAL DETAILS ON HOIST TOWER FOUNDATIONS, SEE SH. 34.
 - ANCHOR BOLTS ARE TO BE SET BY TEMPLATES BEFORE THE CONCRETE IS PLACED.
 - FOR ADDITIONAL CONCRETE AND REINFORCEMENT NOTES, SEE SH. 3.
 - THE GLUE FACES OF THE HOIST TOWERS SHALL BE FLUSH AND PARALLEL TO EACH OTHER. REINFORCING STEEL SHALL BE PLACED WITHIN A MINIMUM OF 2" FROM THE GLUE FACES OF THE CONCRETE.

129-53

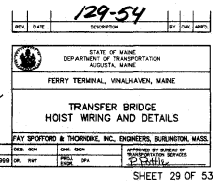
STATE OF MAINE DEPARTMENT OF TRANSPORTATION MAINE	PROJECT NO. TM-076	DATE: SEPTEMBER 1989	SCALE: AS NOTED	BY: [Signature]	CHECKED: [Signature]	APPROVED BY: [Signature]
FERRY TERMINAL, VANALAHAM, MAINE			TRANSFER BRIDGE HOIST TOWER FOUNDATION DETAILS AND MISCELLANEOUS DETAILS			
FAY SPITFORD & THORNDIKE, INC. ENGINEERS, BURLINGTON, MASS.			DESIGNED BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]			

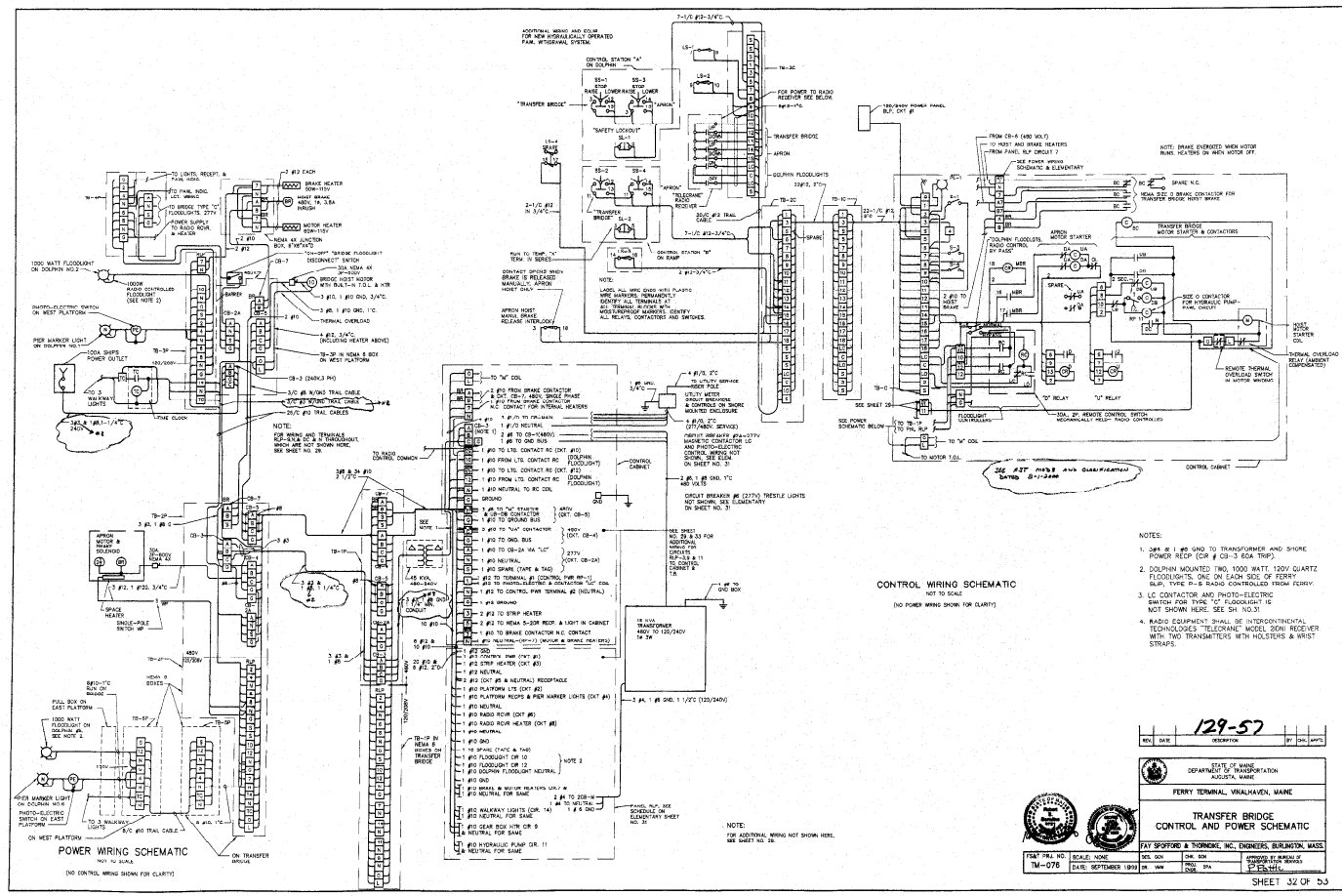
SHEET 28 OF 53

0:10m-076(28)TM-076(28) 02/16/89 [18.00]



PLAN AT PLATFORM, ELEV. 37.50

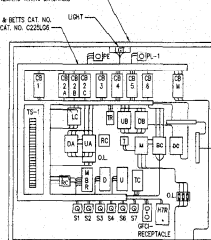




NEMA SS CABINET MATERIAL LIST	
DEVICE IDENTIFICATION	DESCRIPTION
CB-1	3-POLE, 100A/750AT, 14,000AC 60/75V TRANSFORMER PRIMARY
CB-2	3, 1-POLE, 100A/750AT, 14,000AC 60/75V LIGHTING AND SPARE
CB-3	2-POLE, 100A/750AT, 14,000AC 60/75V 45 KVA SHIPS POWER TRANSFORMER
CB-4	3-POLE, 100A/750AT, 14,000AC 60/75V 45 KVA SHIPS POWER TRANSFORMER
CB-5	3-POLE, 100A/750AT, 14,000AC 60/75V 45 KVA SHIPS POWER TRANSFORMER
CB-6	1-POLE, 100A/750AT, 14,000AC 60/75V 45 KVA SHIPS POWER TRANSFORMER
CB-7	2-POLE, 100A/750AT, 14,000AC 60/75V 45 KVA SHIPS POWER TRANSFORMER
CB-8	3-POLE, 225A/150AT, 22,000AC 60/75V MAIN INCOMING
LC	3-POLE, 30A, 480V, ELECTRICALLY HELD LIGHTING CONTACTOR WITH 120V COIL, ALLEN-BRADLEY CAT. NO. 100-10000
* CALA	NEMA SIZE 1, 3-PHASE MAGNETIC REVERSING STARTER (SHIPS MOTOR)
IC	3-PHASE CONTACTOR, NEMA SIZE 0-3, 1/2 CONTACTS (EMERGENCY ON SHIP COMMAND)
* DELB	NEMA SIZE 2, 3-PHASE MAGNETIC REVERSING CONTACTOR (SHIPS MOTOR)
BC	SHIPS MOTOR HEATER CONTACTOR NEMA SIZE 0-2, 1/2 AND 2 1/2 CONTACTS
T	TIME DELAY RELAY, 55A CAT. NO. TUL300A, 0.1 TO 100.0 SEC RANGE, 120V, 50/60 HZ, ON-DELAY
DISLDR	NEMA A-800, 800V, 10A MACHINE TOOL RELAY
TR	NEMA A, 800V, 10A, 0.3 TO 30 SEC TIME DELAY ON-DELAY RELAY
PL-1	HEAVY-DUTY, 0.1-TO-100 SEC TIME DELAY, 120V CONTROL POWER WITH RED LENS (CONTROL POWER TIME)
WTR	800V, 100V ENCLOSEMENT HEATER WITH FAN AND 0-100 DEGREE F THERMISTAT, HOFFMAN CAT. NO. 5-448019
RECP	OUTLET, NEMA 5-20A RECEPTACLE IN 100' BOX WITH COVER, 0.0 TO 100'
BC	2-POLE, 30A, MECHANICALLY HELD REMOTE CONTROL SWITCH, 480V 500-2000
PE	120V PHOTOELECTRIC CONTROL RELAY, INTERMATIC CAT. NO. 4401
SA	3-PHASE, 4-WIRE, 600V TO GROUND SURGE ARRESTOR, DELTA CAT. NO. 44100
OK	OVERLOAD RELAY, 0.5 CO. (0.5/0.5/0.5) WITH 0.5/0.5/0.5 (0.5/0.5/0.5)
TC	NEUTRONIC "TALK" LIGHT, LABEL "WALKWAY LIGHTS"
M	* 120V 3-WIRE 1/2 CONTACTOR, NEMA SIZE 0, 3-PHASE

* PROVIDE AUXILIARY CONTACTS AS SHOWN ON SCHEMATIC DIAGRAM

HOFFMAN NEMA 4X STAINLESS STEEL CABINET, 24"X 12"X 12" WITH DOUBLE DOORS, 600V PROTECT AND COMPLETE SCHEMATIC WIRING DIAGRAMS

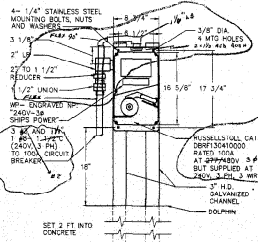


NOTE: SEE SHEET NO. 38 FOR WIRING 0-5.

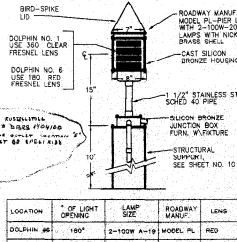
NEMA 4X, STAINLESS STEEL CONTROL CABINET - INTERIOR EQUIPMENT ARRANGEMENT NOT TO SCALE

- NOTES:
1. LABEL ALL WIRES AND TERMINALS, PROVIDE PLASTIC ENCASED LABELED TERMINALS FOR EACH PRIZE OR CABLED
 2. SUPPLY CABLES AND CABLES, ENCLOSED WITH CORROSION INHIBITOR TAPES, INSULATING TERMINALS
 3. CONTROL STATION DETAIL, SHEET NO. 31, 31 AND 32 FOR 31-1, 31-2, 31-3, 31-4, 31-5, 31-6, 31-7, 31-8, 31-9, 31-10, 31-11, 31-12, 31-13, 31-14, 31-15, 31-16, 31-17, 31-18, 31-19, 31-20, 31-21, 31-22, 31-23, 31-24, 31-25, 31-26, 31-27, 31-28, 31-29, 31-30, 31-31, 31-32, 31-33, 31-34, 31-35, 31-36, 31-37, 31-38, 31-39, 31-40, 31-41, 31-42, 31-43, 31-44, 31-45, 31-46, 31-47, 31-48, 31-49, 31-50, 31-51, 31-52, 31-53, 31-54, 31-55, 31-56, 31-57, 31-58, 31-59, 31-60, 31-61, 31-62, 31-63, 31-64, 31-65, 31-66, 31-67, 31-68, 31-69, 31-70, 31-71, 31-72, 31-73, 31-74, 31-75, 31-76, 31-77, 31-78, 31-79, 31-80, 31-81, 31-82, 31-83, 31-84, 31-85, 31-86, 31-87, 31-88, 31-89, 31-90, 31-91, 31-92, 31-93, 31-94, 31-95, 31-96, 31-97, 31-98, 31-99, 31-100, 31-101, 31-102, 31-103, 31-104, 31-105, 31-106, 31-107, 31-108, 31-109, 31-110, 31-111, 31-112, 31-113, 31-114, 31-115, 31-116, 31-117, 31-118, 31-119, 31-120, 31-121, 31-122, 31-123, 31-124, 31-125, 31-126, 31-127, 31-128, 31-129, 31-130, 31-131, 31-132, 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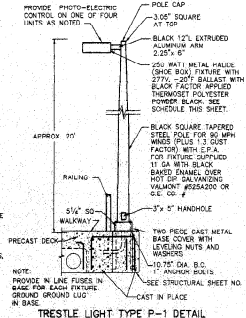
SHIPS POWER OUTLET DETAIL
NOT TO SCALE



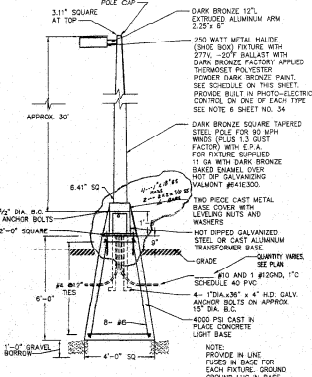
PIER MARKER LIGHT DETAIL
SCALE: 1/2\"/>

LOCATION	1\"/>
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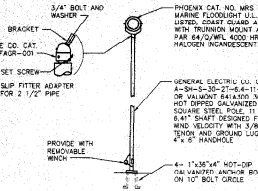
WALKWAY LIGHT TYPE P-6 DETAIL
SCALE: 1/2\"/>



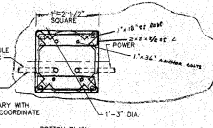
TRESTLE LIGHT TYPE P-1 DETAIL
SCALE: 1/2\"/>



AREA LIGHTING TYPE P-2 & P-3 DETAIL
SCALE: 1/2\"/>



DOLPHIN FENDER FLOODLIGHT TYPE P-3 DETAIL
NOT TO SCALE

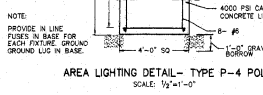


ANCHOR BASE DETAIL
SCALE: 1/2\"/>

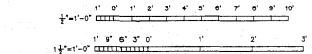
TYPE	MANUFACTURER	CATALOG NO.	TYPE DISTRIBUTION	EPA	#	REMARKS
P-1	STERNER	EX25-A-10-2-FP-250H-2770	II	2.5	1	SINGLE FIXTURE - 20 FT STEEL POLE
P-2	STERNER	EX25-A-10-3-FP-250H-2770	II	2.5	1	SINGLE FIXTURE - 20 FT STEEL POLE WITH TRANSFORMER BASE
P-3	STERNER	EX25-A-10-4-FP-250H-2770	FORWARD	2.5	1	SINGLE FIXTURE - 30 FT STEEL POLE WITH TRANSFORMER BASE
P-4	STERNER	EX25-A-28-3-FP-250H-2770	II	5.0	2	TWO FIXTURES MTD - 180\"/>

* SEE DETAILS THIS DRAWING FOR ADDITIONAL DATA. PROVIDE PHOTO-ELECTRIC CONTROL ON ONE OF EACH OF THE TYPES P-1, P-2, P-3 & P-4. FIXTURES SEE SHEET NO. 34. ACCEPTABLE ALTERNATE FIXTURES ARE KIM EKG SERIES OR HUBBELL MANUFACTURE.

- WHERE LEDGE IS ENCOUNTERED AND CONCRETE BASE DEPTH CANNOT BE MAINTAINED, DILL 5\"/>



AREA LIGHTING DETAIL - TYPE P-4 POLE
SCALE: 1/2\"/>

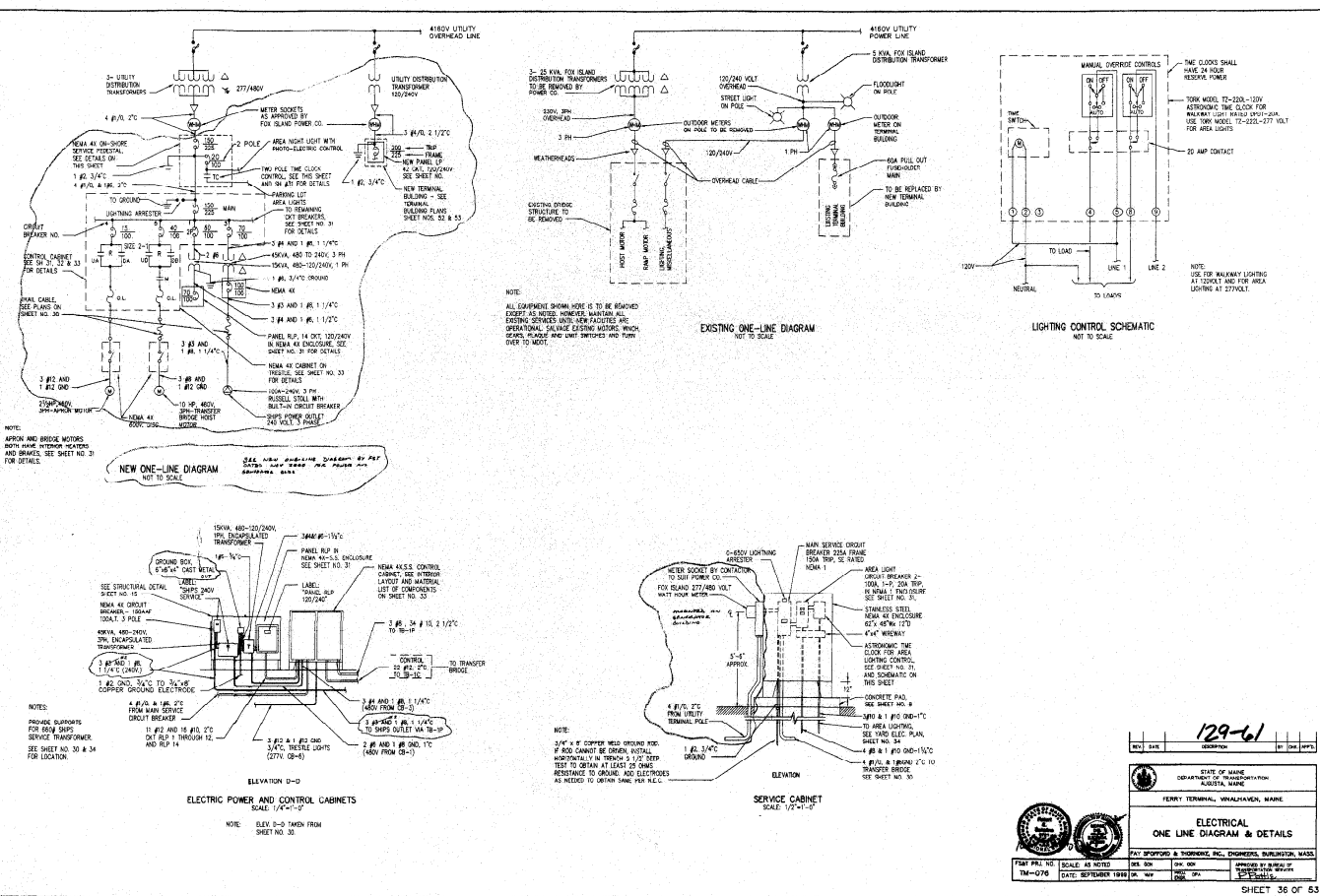


129-60

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FERRY TERMINAL, WYALHAVEN, MAINE

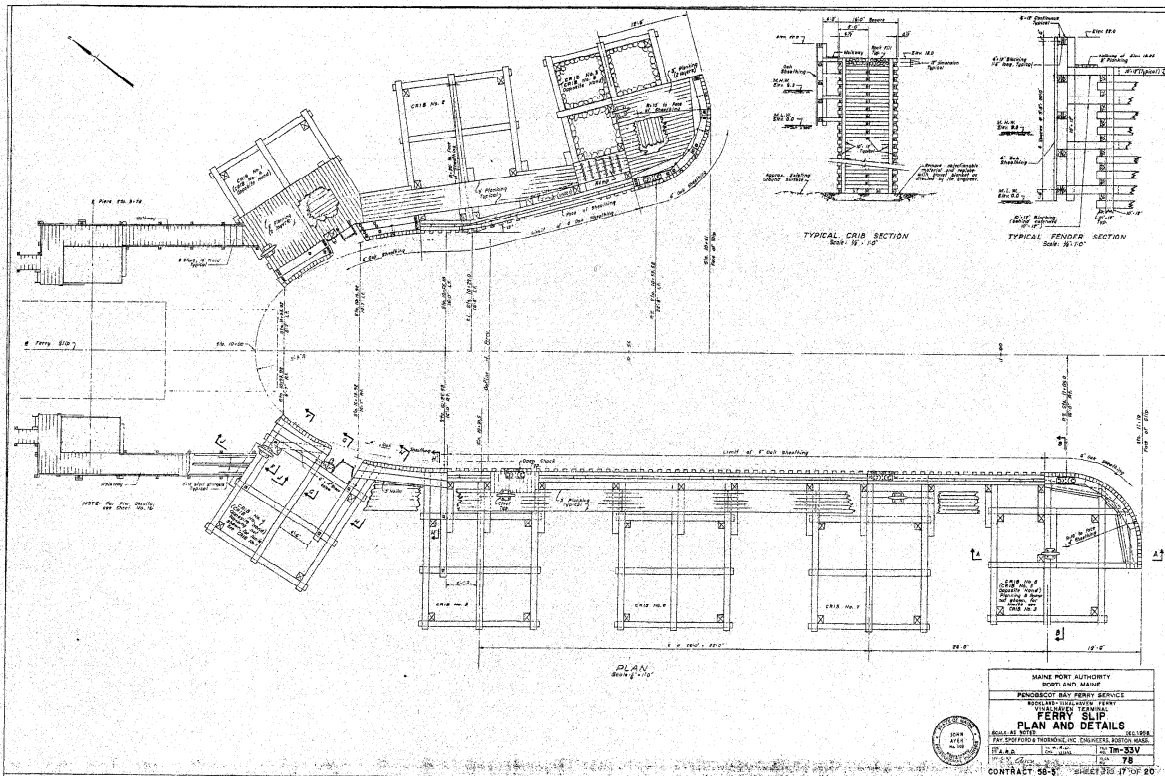
ELECTRICAL LIGHTING FIXTURES
DETAILS AND SCHEDULE

BY: [Signature]
DATE: SEPTEMBER 1980



129-61	
NO.	DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE	
FERRY TERMINAL, WHALHAVEN, MAINE	
ELECTRICAL ONE LINE DIAGRAM & DETAILS	
J. J. SHOPPING & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.	
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SHEET 36 OF 53	

11/17/78-DWG/ONE-LINE.DWG 09/13/79 1:10:58 [23.02]



MAINE PORT AUTHORITY
 PORT OF MAINE
 PONDICOTT FERRY SERVICE
 BANGOR-MAINE FERRY
 FERRY SLIP
 PLAN AND DETAILS
 SCALE: AS SHOWN
 CONTRACT 58-1
 SHEET 17 OF 20



FERRY SLIP NO. 1
 SCALE: NOT TO SCALE
 DATE: SEPTEMBER 1988

NO.	DATE	DESCRIPTION	BY	CHK	APPV
129-666					

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 BANGOR, MAINE

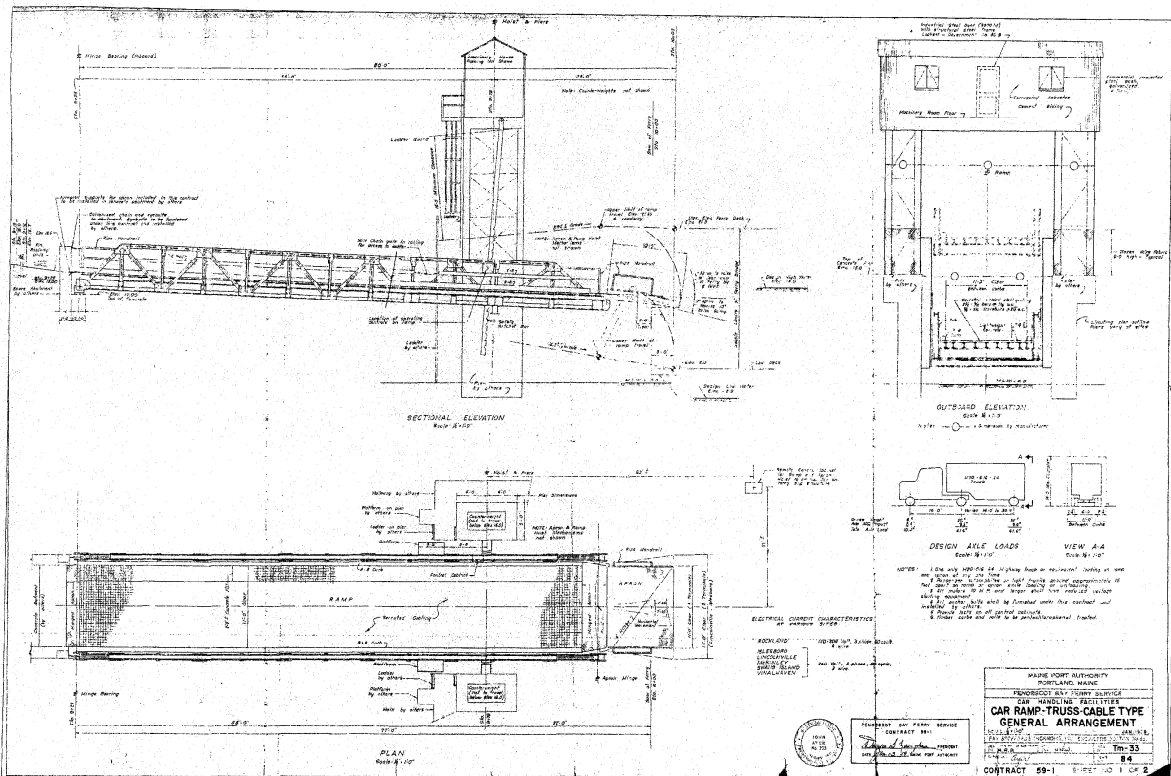
FERRY TERMINAL, WHARF, MAINE

DEMOLITION REFERENCE DRAWING 1

FAY SPOFFORD & THORNDIKE, INC. ENGINEERS, BURLINGTON, MASS.

APPROVED BY BUREAU OF
 TRANSPORTATION SERVICES
 DATE: SEPTEMBER 1988

SHEET 41 OF 53

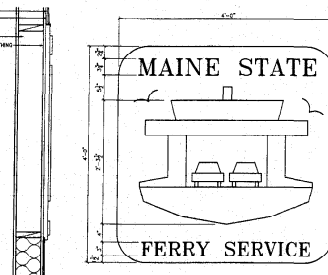
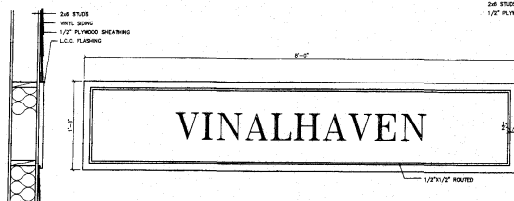
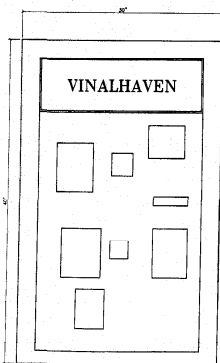
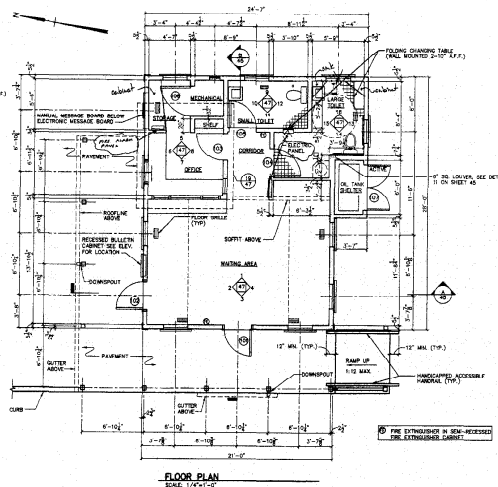
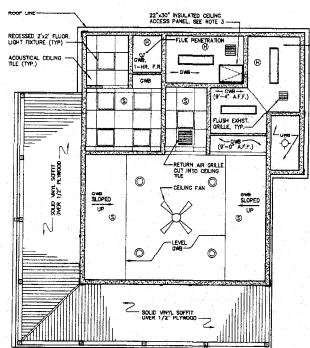
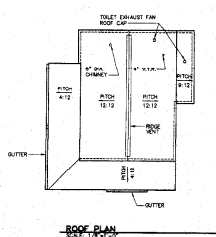


MAINE PORT AUTHORITY	
PORTLAND, MAINE	
FERRY SERVICE	
FERRY TERMINAL, WHALHAVEN, MAINE	
GENERAL ARRANGEMENT	
CONTRACT 59-1	



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AUGUSTA, MAINE

129-67	
DATE	DESCRIPTION
BY	DATE
FERRY TERMINAL, WHALHAVEN, MAINE	
DEMOLITION REFERENCE DRAWING 2	
FAT SPOTFORD & HORNELL, INC., ENGINEERS, BURLINGTON, MASS.	
DESIGNED BY	SCALE: NOT TO SCALE
CHECKED BY	DATE: SEPTEMBER 1959
APPROVED BY	DATE: SEPTEMBER 1959
SHEET 42 OF 53	



NOTES:

1. ALL WALL DIMENSIONS ARE TO THE FACE OF STUD.
2. VERIFY ALL ACCESSORY CONDUITANCE AND EQUIPMENT IN ACCORDANCE WITH THE ADA.
3. CEILING ACCESS PANEL CONSTRUCTION SHALL BE AS FOLLOWS:
 (a) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (b) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (c) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (d) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (e) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (f) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (g) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (h) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (i) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (j) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (k) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (l) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (m) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (n) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (o) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (p) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (q) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (r) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (s) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (t) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (u) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (v) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (w) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (x) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (y) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.
 (z) ON CONCRETE (U.S.) FLOOR, 2" x 4" U.S. STEEL DOOR.

129-68

NO.	DATE	DESCRIPTION	BY	CHK	APP
1					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AUSTIN, MAINE

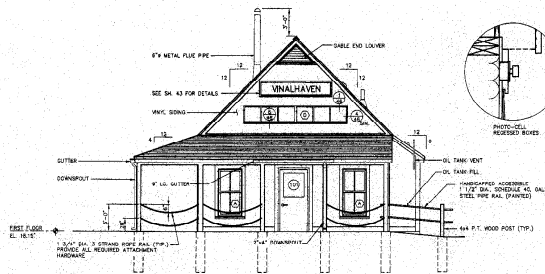
FERRY TERMINAL, VINALHAVEN, MAINE

TERMINAL BUILDING
FLOOR AND ROOF PLANS

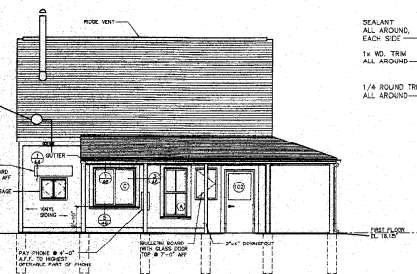
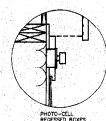
FAY SPOTFORD & THORNTON, INC., ENGINEERS, BURLINGTON, MASS.

PROJECT NO. 129-68
DATE: SEPTEMBER 1968

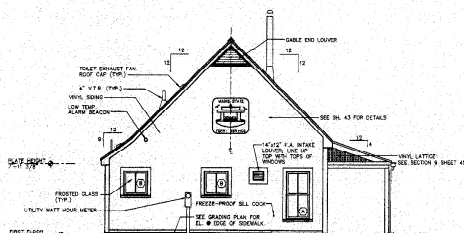
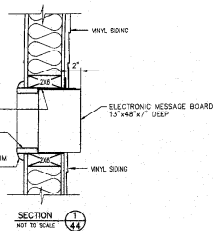
SHEET 43 OF 53



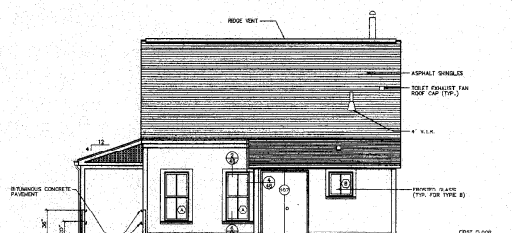
WEST ELEVATION
SCALE 1/4"=1'-0"



NORTH ELEVATION
SCALE 1/4"=1'-0"



EAST ELEVATION
SCALE 1/4"=1'-0"



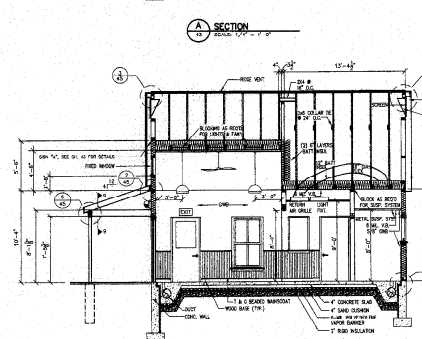
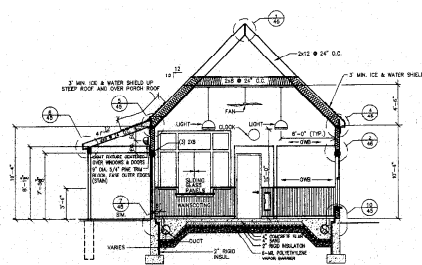
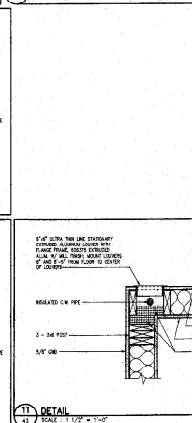
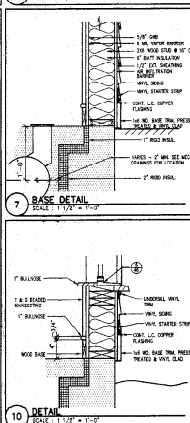
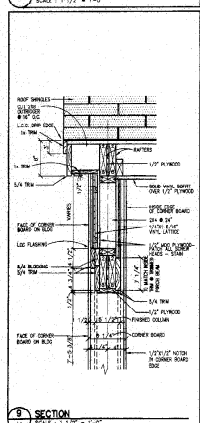
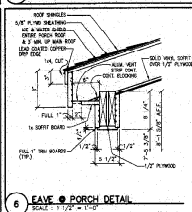
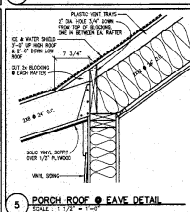
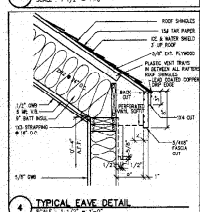
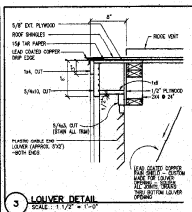
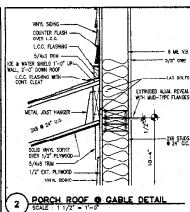
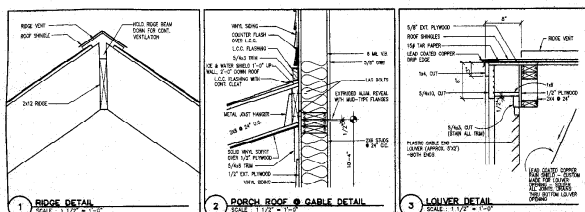
SOUTH ELEVATION
SCALE 1/4"=1'-0"

- GENERAL NOTES
1. REFER TO SUPPLEMENTAL DRAWINGS FOR ALL FOUNDATION INFORMATION.
 2. ALL WINDOW HEADS SHALL ALIGN HORIZONTALLY.
 3. SEE SHEET 52 FOR ELECTRICAL EQUIPMENT AND FIXTURES TO BE MOUNTED TO THE EXTERIOR OF THE BUILDING.
 4. MOUNT ALL TRIM-WALL PENETRATIONS ON VINYL SIDI BLOCKS TO MATCH SIDING.

129-69	
REV.	DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE FERRY TERMINAL, VINYLHAVEN, MAINE TERMINAL BUILDING EXTERIOR ELEVATIONS	
JAY SHIFFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MAINE	
APPROVED BY: [Signature] DATE: 10/10/88	

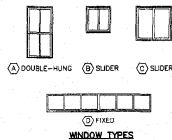


FIG. NO.	SCALE	DATE	BY	CHK.	APP.
TM-076	AS NOTED	10/10/88	JH	ST	JH

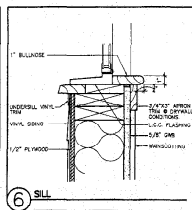
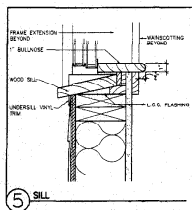
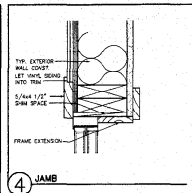
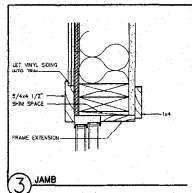
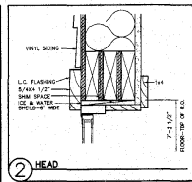
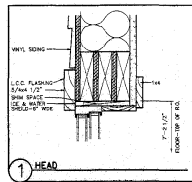


129-70		129-70	
NEW	DATE	DESCRIPTION	BY NAME
		STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE	
		FERRY TERMINAL, WYNAHAVEN, MAINE	
		TERMINAL BUILDING SECTIONS AND DETAILS	
FAY SPORST & THORNIKE, INC. ENGINEERS, BURLINGTON, MASS.		FAY SPORST & THORNIKE, INC. ENGINEERS, BURLINGTON, MASS.	
FAY PAI NO. TM-076	SCALE: AS NOTED DATE: SEPTEMBER 1959	SHEET NO. 100	SHEET NO. 100

WINDOW SCHEDULE			
ROOM	OPERATION	ROUGH OPENING	REMARKS
A	DOUBLE HUNG	2'-0" x 3'-0" x 2'-3 3/4" FACTORY WALL DOUBLE UNIT	
B	SLIDER	2'-0" x 3'-0" x 3'-0"	
C	SLIDER	4'-0" x 3'-0" x 4'-3 1/2"	
D	FIXED	1'-0" x 1'-0" x 1'-2 1/2"	



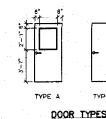
WINDOW TYPES



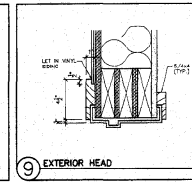
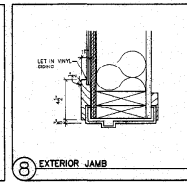
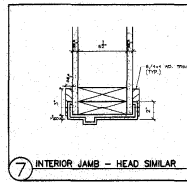
WINDOW DETAILS
SCALE: 3/4"=1'-0"

DOOR SCHEDULE									
DOOR NO.	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	DOOR WEIGHT	DOOR FINISH	DOOR HINGE	DOOR LOCK	DOOR HANDLE	REMARKS
101	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
102	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
103	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
104	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
105	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
106	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED
107	3'-0" x 7'-0"	DOOR	1/2" x 6" x 8" PLY	100	PAINT	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	1/2" x 6" x 8" PLY	SAFETY GLASS REQUIRED

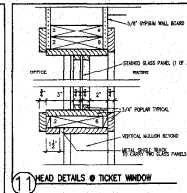
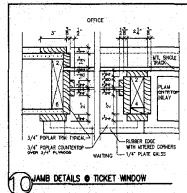
* PROVIDE FOR UNPAINTED SUBSTRATE ALONG THE 1/2" x 6" x 8" PLY (DOOR WEIGHT)
** PROVIDE RESILIENT TIL-CARPET REDUCER AT THRESHOLD
*** PROVIDE RESILIENT CARPET-TO-CEILING JOINT ADJUSTER AT THRESHOLD



DOOR TYPES



DOOR FRAME DETAILS
SCALE: 3/4"=1'-0"



TICKET WINDOW DETAILS
SCALE: 3/4"=1'-0"

ROOM FINISH SCHEDULE									
ROOM NAME	WALLS	FLOOR	CEILING	DOORS	WINDOWS	STAIRS	TOILETS	LOCKERS	REMARKS
WAITING AREA	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
STORAGE	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
OFFICE	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
STORAGE	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
MEDICAL	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
SMALL TOILET	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
LARGE TOILET	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINT	PAINTED TWO SIDES
OL TANK SHELTER	UNPAINTED FINISHED GIB	CONCRETE	UNPAINTED FINISHED GIB	CONCRETE	UNPAINTED FINISHED GIB	CONCRETE	UNPAINTED FINISHED GIB	CONCRETE	UNPAINTED FINISHED GIB

129-71

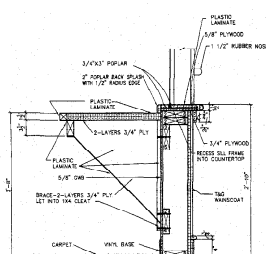
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AUGUSTA, MAINE

FERRY TERMINAL, VANALAHAVEN, MAINE

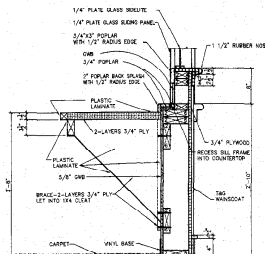
TERMINAL BUILDING
WINDOW/DOOR DETAILS
AND SCHEDULES

FAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.

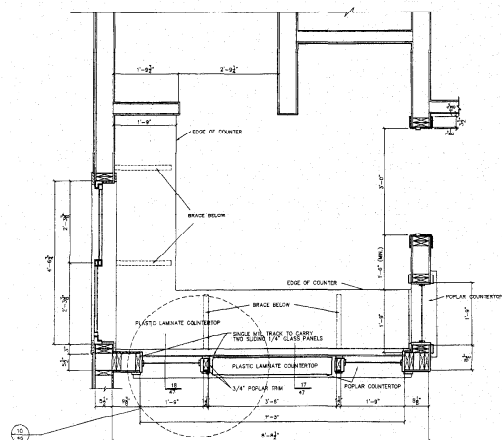
100% PREL. NO. TM-076 SCALE: AS NOTED SHEET NO. 46 OF 53
DATE: SEPTEMBER 1959 DES. BY: [Signature] CHECKED BY: [Signature]



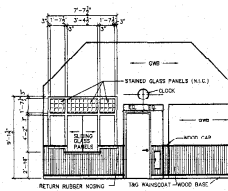
17 SECTION THRU COUNTER & TICKET WINDOW
1/2" = 1'-0"



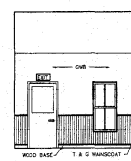
18 SECTION THRU COUNTER & SIDE WINDOW SILL
1/2" = 1'-0"



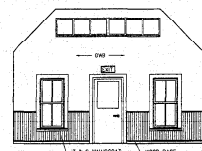
19 PLAN DETAIL • TICKET OFFICE
1/2" = 1'-0"



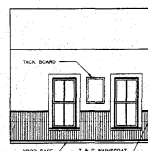
1 WAITING
SCALE: 1/4" = 1'-0"



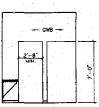
2 WAITING
SCALE: 1/4" = 1'-0"



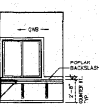
3 WAITING
SCALE: 1/4" = 1'-0"



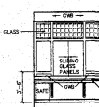
4 WAITING
SCALE: 1/4" = 1'-0"



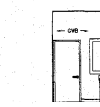
5 OFFICE
SCALE: 1/4" = 1'-0"



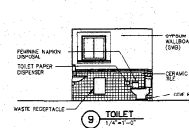
6 OFFICE
SCALE: 1/4" = 1'-0"



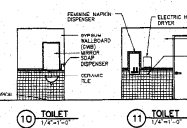
7 OFFICE
SCALE: 1/4" = 1'-0"



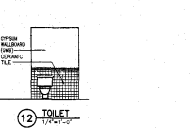
8 OFFICE
SCALE: 1/4" = 1'-0"



9 TOILET
SCALE: 1/4" = 1'-0"



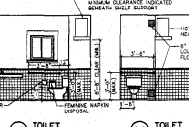
10 TOILET
SCALE: 1/4" = 1'-0"



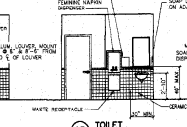
11 TOILET
SCALE: 1/4" = 1'-0"



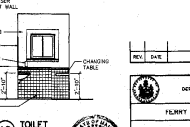
12 TOILET
SCALE: 1/4" = 1'-0"



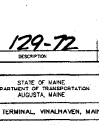
13 TOILET
SCALE: 1/4" = 1'-0"



14 TOILET
SCALE: 1/4" = 1'-0"

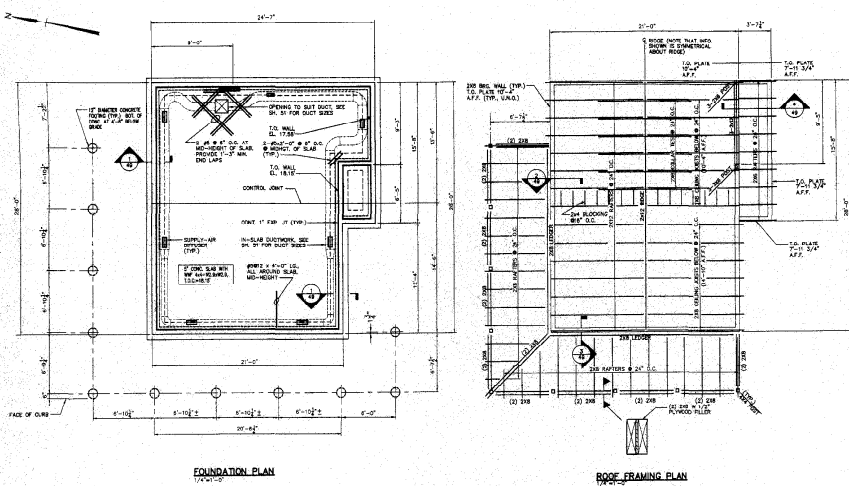


15 TOILET
SCALE: 1/4" = 1'-0"



16 TOILET
SCALE: 1/4" = 1'-0"

179-72		REV	DATE	BY	APP'D
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE					
FERRY TERMINAL, VINELAND, MAINE					
TERMINAL BUILDING INTERIOR ELEVATIONS AND DETAILS					
RAY SPENCER & THORNDIKE, INC., ENGINEERS, BURLINGTON, MAINE					
1ST PR. NO.	SCALE: AS NOTED	DATE	DATE	DATE	DATE
TN-078	DATE: SEPTEMBER 1938	DATE	DATE	DATE	DATE



- GENERAL STRUCTURAL NOTES**
- DESIGN CODE: 1989 MINIMUM BUILDING CODE
 - SOIL TESTS: SEE REPORT NO. 80-100
 - WIND LOADS: SEE REPORT NO. 80-100
 - SEISMIC: SEE REPORT NO. 80-100
- CONSTRUCTION NOTES**
- DESIGN BEARING CAPACITY: 2.5 TON PER SQUARE FOOT
 - SLAB: 12" THICK, 15% CHALK, 85% PORTLAND CEMENT, 4" MAX. AGGREGATE, 1" MIN. COVER
 - WALLS: 12" THICK, 15% CHALK, 85% PORTLAND CEMENT, 4" MAX. AGGREGATE, 1" MIN. COVER
 - ROOF: 12" THICK, 15% CHALK, 85% PORTLAND CEMENT, 4" MAX. AGGREGATE, 1" MIN. COVER
- DETAILS**
- WALL: 12" THICK, 15% CHALK, 85% PORTLAND CEMENT, 4" MAX. AGGREGATE, 1" MIN. COVER
 - ROOF: 12" THICK, 15% CHALK, 85% PORTLAND CEMENT, 4" MAX. AGGREGATE, 1" MIN. COVER

FOUNDATION PLAN
1/1/73

ROOF FRAMING PLAN

129-73

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
1	1/1/73	FOUNDATION PLAN			
2	1/1/73	ROOF FRAMING PLAN			

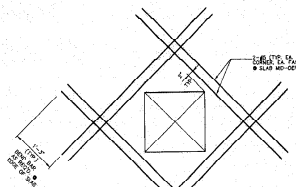
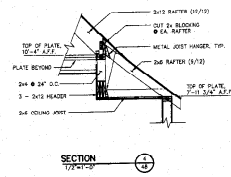
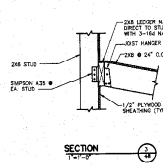
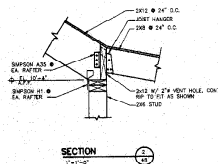
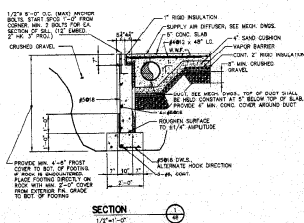
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AUGUSTA, MAINE

FERRY TERMINAL, VINALHAVEN, MAINE

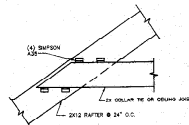
TERMINAL BUILDING
FOUNDATION AND FRAMING PLANS

FAY SPOTFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MASS.

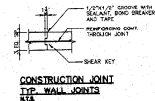
PROJECT NO. 129-73
DATE: SEPTEMBER 1988
SHEET 48 OF 53



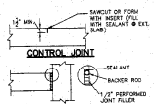
ADDL REINF. @ CONC. SLAB OPENINGS
SEE



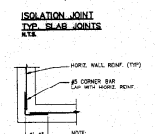
COLLAR TIE/RAFTER
CONNECTION
SEE



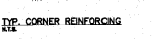
CONSTRUCTION JOINT
TYP. WALL JOINTS
SEE



CONTROL JOINT



ISOLATION JOINT
TYP. SLAB JOINTS
SEE

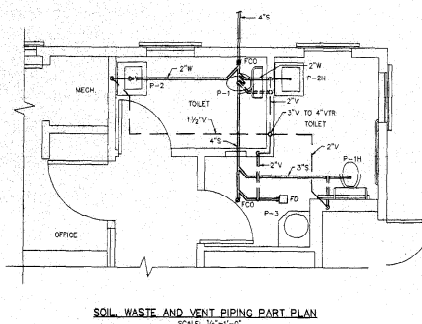
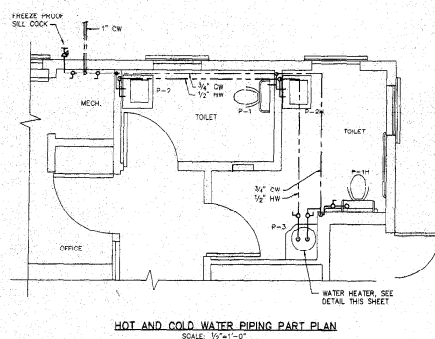
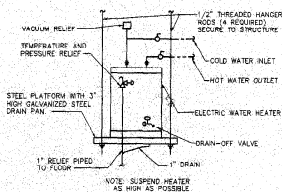
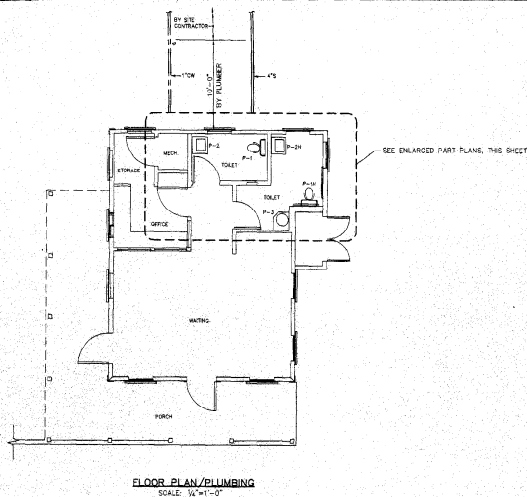


TYP. CORNER REINFORCING
SEE

129-74
REV. 1/29/74

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FERRY TERMINAL, VINELAND, MAINE
TERMINAL BUILDING
FOUNDATION AND FRAMING DETAILS

FAY SPITFORD & INGHAM, INC. ENGINEERS, BURLINGTON, MASS.
PROJECT NO. TM-076
SCALE: AS NOTED
DATE: SEPTEMBER 1969
REV. 1/29/74
DESIGNED BY: J. L. BISHOP
CHECKED BY: J. L. BISHOP
APPROVED BY: J. L. BISHOP



PLUMBING FIXTURE SCHEDULE

THE FOLLOWING NUMBERS ARE BASED ON KOHLER, ORANGE, CLARK AND AMERICAN STANDARD ARE ACCEPTABLE.

P-1H FLOOR MOUNTED, TANK TYPE HANDCAPPED WATER CLOSET. KOHLER K-1497 1.6 GAI. FLUSH. 17" HIGH, ELONGATED BOWL, WITH SEAT AND K-7537 ANGLE SUPPLY WITH STOP.
• 3" WASTE, 2" VENT, 1/2" COLD WATER •

P-1 SAME AS P-1H EXCEPT STANDARD HEIGHT.

P-2H, P-2 WALL HUNG HANDCAPPED LAVATORY. KOHLER K-2054 20x48 WALL HUNG LAVATORY WITH TETON FAUCET WITH MISTGLASS VAINES. K-7743-K-10015-2 K-13885 OFFSET TRAP AND K-7905-P ANGLE SUPPLIES AND TUBERO INSULATING KIT.
• 1-1/2" WASTE, 1-1/2" VENT, 1/2" HOT & COLD WATER •

P-3 WATER HEATER. RHEEM MODEL WESP-10 COMMERCIAL WATER HEATER, 10 GALLON CAPACITY, 2000 WATT COIL, 240V-1PH-50HZ, 18" ROUNDCAP HIGH.

FLOOR CLEAN OUTS: ADJUSTABLE CAST IRON BODY WITH GAS TIGHT PLUG AND ROUND SCORATED TOP. ZURN ZN1400 OR EQUAL BY JOSAM, SMITH OR WADE.

FLOOR DRAINS: 3" PIPE, 6" DIAMETER BRONZE STRAINER ZURN ZN418 OR EQUAL BY JOSAM, SMITH OR WADE.

FREEZE-PROOF BILL COCKS: ANTI-SYPHON, NON FREEZE WITH BACKFLOW PREVENTOR. BRONZE BODY, STAINLESS STEEL FACE AND LOOSE KEY. ZURN Z-1310 OR EQUAL BY JOSAM, SMITH OR WADE.

PLUMBING SYMBOLS LEGEND

	SOIL OR WASTE ABOVE FLOOR - S/W
	SOIL OR WASTE BELOW FLOOR - S/W
	VENT ABOVE CEILING - V
	VENT BELOW FLOOR - V
	COLD WATER - CW
	COLD WATER - CW, BELOW GROUND
	HOT WATER - HW
	BALL VALVE
	CLEAN-OUT FLUSH WITH FLOOR
	FLOOR DRAIN
	PIPE RISE
	PIPE DROP
	VENT THROUGH ROOF
	ABOVE FINISHED FLOOR

NOTES:

1. PROVIDE INDIVIDUAL HOT AND COLD WATER SHUT OFF VALVES AT EACH FIXTURE.
2. HOT AND COLD WATER PIPING AND VENT PIPING SHALL BE RUN ABOVE DROPPED CEILINGS.

129-75	
REV. DATE	BY DATE
STATE OF MAINE DEPARTMENT OF TRANSPORTATION AUGUSTA, MAINE	
FERRY TERMINAL, VINALHAVEN, MAINE	
TERMINAL BUILDING FLOOR PLAN/PLUMBING SCHEDULE, LEGEND AND DETAILS	
FAY SPITFORD & THORNDIKE, INC., ENGINEERS, BURLINGTON, MAINE	DESIGNED BY B. SPITFORD
DRAWN BY J. THORNDIKE	CHECKED BY J. THORNDIKE
DATE: SEPTEMBER 1980	SHEET 50 OF 53

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	VOLTAGE	QUANTITY
1	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
2	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
3	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
4	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
5	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
6	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
7	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
8	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
9	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
10	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
11	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
12	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
13	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
14	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
15	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
16	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
17	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
18	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
19	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2
20	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE	120	2

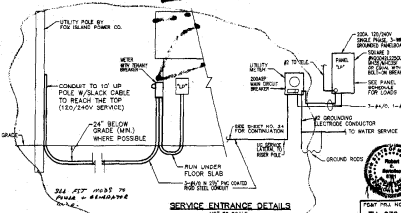
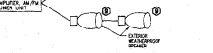
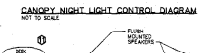
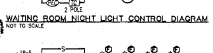
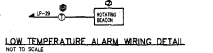
NOTE 1: PROVIDE EMERGENCY POWER BALLAST. SEE CONSTRUCTION NOTE 8 ON SHEET NO. 52.
 NOTE 2: PROVIDE MOUNTING ONLY WITH RECESSED TYPE.
 NOTE 3: EMERGENCY BATTERY BACK-UP PROVIDED.

MATERIAL SCHEDULE			
ITEM	MANUFACTURER	CATALOG NUMBER	DESCRIPTION
1	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
2	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
3	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
4	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
5	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
6	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
7	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
8	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
9	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
10	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
11	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
12	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
13	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
14	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
15	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
16	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
17	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
18	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
19	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE
20	PARAGON	45-22-205-434441-120	RECESSED 2X2 PARABOLIC LUMINAIRE

EQUIPMENT LOAD SCHEDULE			
ITEM	EQUIPMENT	VOLTS	AMPS
1	WATER HEATER	240	1.2
2	WATER HEATER	240	1.2
3	WATER HEATER	240	1.2
4	WATER HEATER	240	1.2
5	WATER HEATER	240	1.2
6	WATER HEATER	240	1.2
7	WATER HEATER	240	1.2
8	WATER HEATER	240	1.2
9	WATER HEATER	240	1.2
10	WATER HEATER	240	1.2
11	WATER HEATER	240	1.2
12	WATER HEATER	240	1.2
13	WATER HEATER	240	1.2
14	WATER HEATER	240	1.2
15	WATER HEATER	240	1.2
16	WATER HEATER	240	1.2
17	WATER HEATER	240	1.2
18	WATER HEATER	240	1.2
19	WATER HEATER	240	1.2
20	WATER HEATER	240	1.2

PANEL SCHEDULE			
ITEM	DESCRIPTION	QUANTITY	REMARKS
1	120V 15A 1P	1	
2	120V 15A 1P	1	
3	120V 15A 1P	1	
4	120V 15A 1P	1	
5	120V 15A 1P	1	
6	120V 15A 1P	1	
7	120V 15A 1P	1	
8	120V 15A 1P	1	
9	120V 15A 1P	1	
10	120V 15A 1P	1	
11	120V 15A 1P	1	
12	120V 15A 1P	1	
13	120V 15A 1P	1	
14	120V 15A 1P	1	
15	120V 15A 1P	1	
16	120V 15A 1P	1	
17	120V 15A 1P	1	
18	120V 15A 1P	1	
19	120V 15A 1P	1	
20	120V 15A 1P	1	

NOTE: SPECIFIC DATA ON EXISTING SEWAGE PUMP IS NOT KNOWN. MODIFY AS REQUIRED.



- GENERAL NOTES
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, 1996 EDITION.
 2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES.
 3. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 4. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 5. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
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 15. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 16. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 17. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 18. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 19. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.
 20. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXIST ELECTRICAL EQUIPMENT AND MATERIALS TO BE USED IN THE PROJECT.

129-78

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 AUGUSTA, MAINE

FERRY TERMINAL, VANALAHAM, MAINE

TERMINAL BUILDING
 ELECTRICAL EQUIPMENT
 SCHEDULES AND DETAILS

DATE: SEPTEMBER 1999

SHEET 53 OF 53