

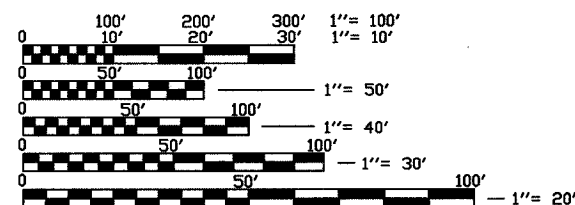
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99-00013-00-HP	JERSEY	17	1
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97262				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
PUBLIC RESTROOM
CITY OF GRAFTON
SCENIC BYWAY PROGRAM
SECTION NO. 99-00013-00-HP
PROJECT NO. SB-IL-99-9805(002)
JERSEY COUNTY
C-98-118-99

INDEX OF SHEETS

1. COVER SHEET
2. G1.0 QUANTITY SHEET
3. A0.0 GENERAL BUILDING SPECIFICATIONS
4. A1.0 COMPOSITE SITE/BUILDING PLAN WITH DOCKS
5. A1.1 ARCHITECTURAL SITE PLAN
6. A1.2 SITE DETAILS
7. A2.0 FLOOR PLAN
8. A2.1 ENLARGED PLAN OF RESTROOM/SHOWER BUILDING AND SCHEDULES
9. A4.0 EXTERIOR ELEVATIONS
10. A4.1 BUILDING SECTION ELEVATION PLAN & DETAILS
11. A5.0 ROOF FRAMING PLAN
12. E1.0 LIGHTING PLAN
13. E1.1 POWER PLAN
14. M1.0 MECHANICAL PLAN
15. P1.0 PLUMBING PLAN
16. MARINA PLATFORM DETAILS *Added 1-11-06*
17. MARINA PLATFORM DETAILS STANDARDS

424001-04
702001-05



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ARCHITECTURAL SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

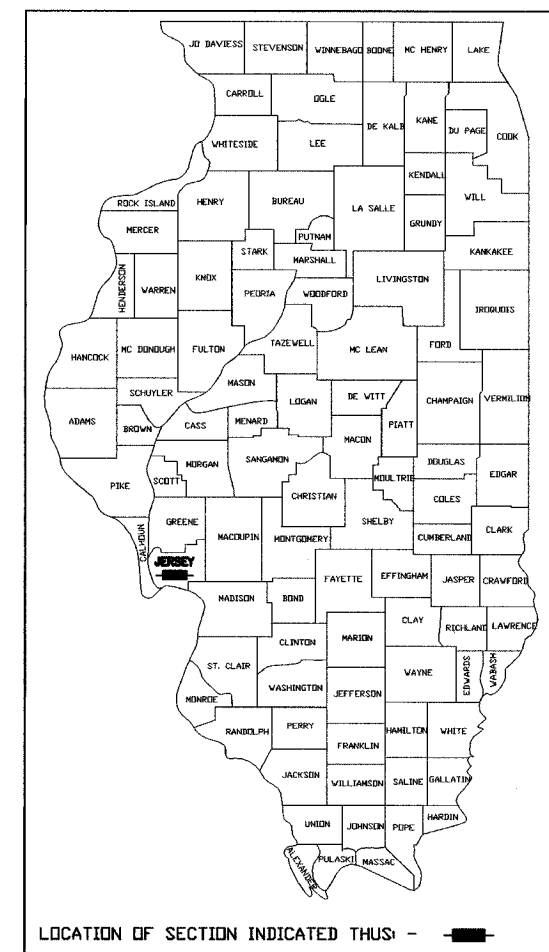
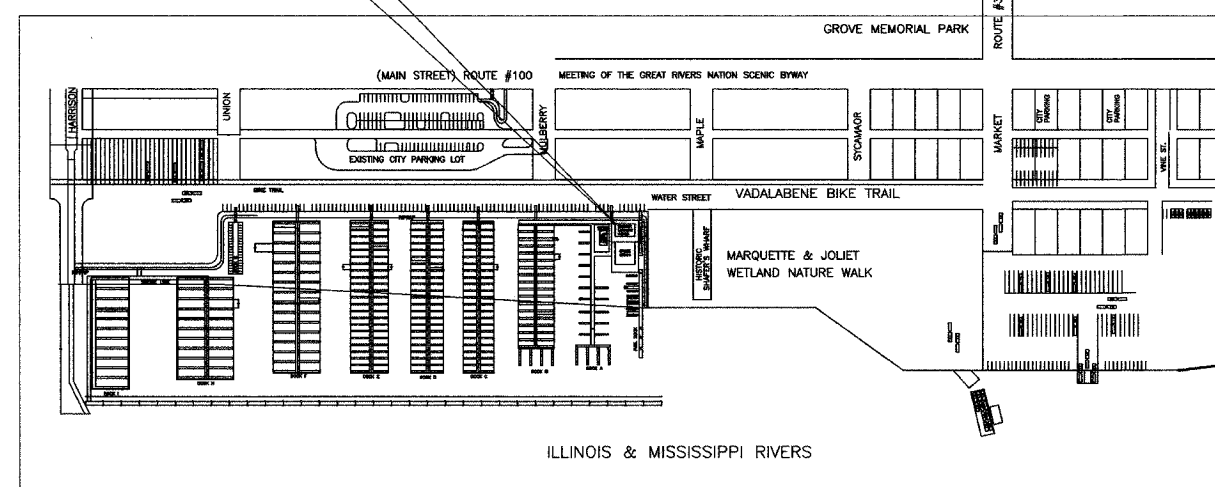
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

DESIGN DESIGNATION
N/A

CONTRACT NO. 97262

PROJECT LOCATION

SCALES
PLAN 1"=20'
PROFILE HORIZ. 1"=20'
PROFILE VERT. 1"=5'
CROSS SECTIONS 1"=10' HORIZ.
1"=5' VERT.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED SEPT. 20 2005
John R. Mack
LOCAL AGENCY OFFICIAL

PASSED Sept 26 2005
Denise Oberlin
LOCAL ROADS AND STREETS ENGINEER

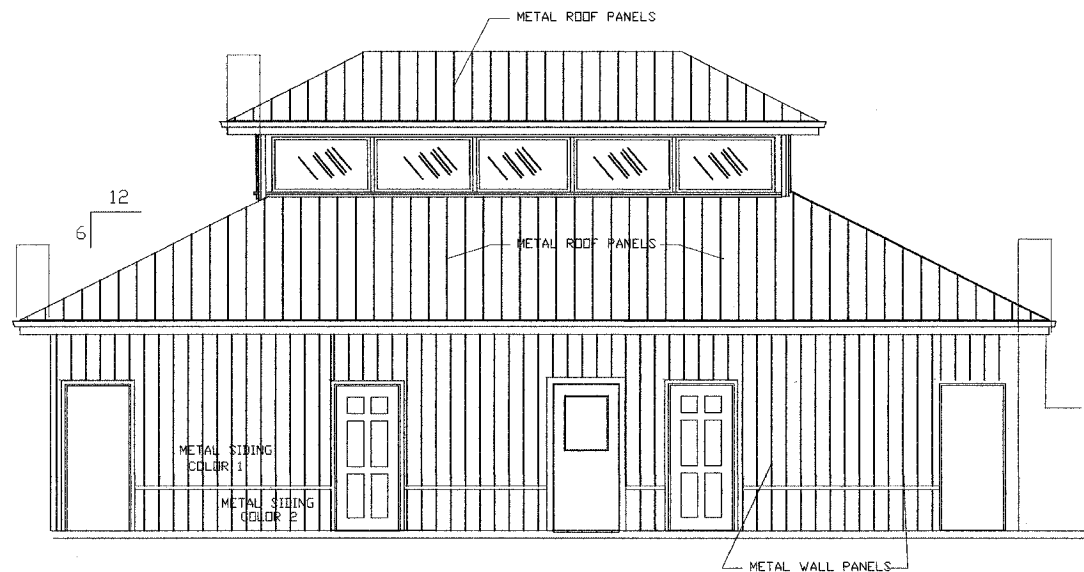
APPROVED 9-26 2005
Mary C. Lamie
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER



LOCATION MAP
SCALE: 1" = 750'
GROSS LENGTH OF PROJECT: N/A
NET LENGTH OF PROJECT: N/A

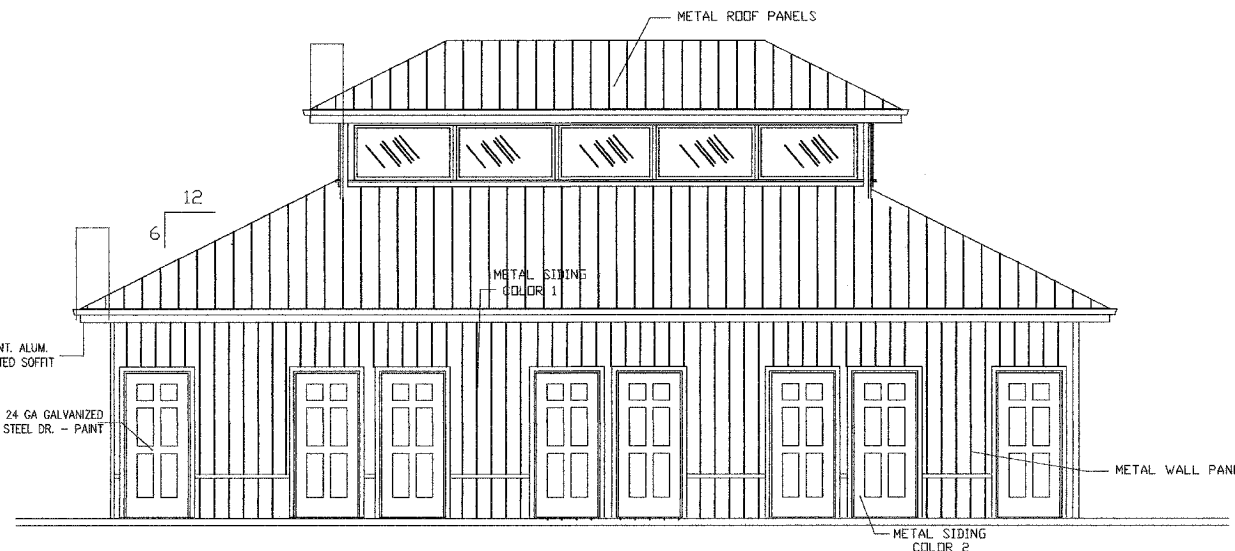


ALL WINDOWS BY "WEATHERSHIELD, CARADCO OR ANDERSON MFG."
 (ALUMINUM CLAD WINDOWS - COLOR TO BE SELECTED BY OWNERS.)
 WINDOW GLAZING SHALL BE A HARD COAT LOW-E WITH LOW SHGC
 WINDOW GLAZING SHALL DBL. GLAZED AND TEMPERED (1/2" GLAZING)
 2 LAYERS OF 1/8" INSULATED, TEMPERED GLASS
 OPTIMUM SHGC FACTOR SHALL BE = .35
 CONTRACTOR HAS OPTION TO GLAZE IN THESE WINDOW FRAMES
 WITH SAME GLAZING DESCRIBED ABOVE.



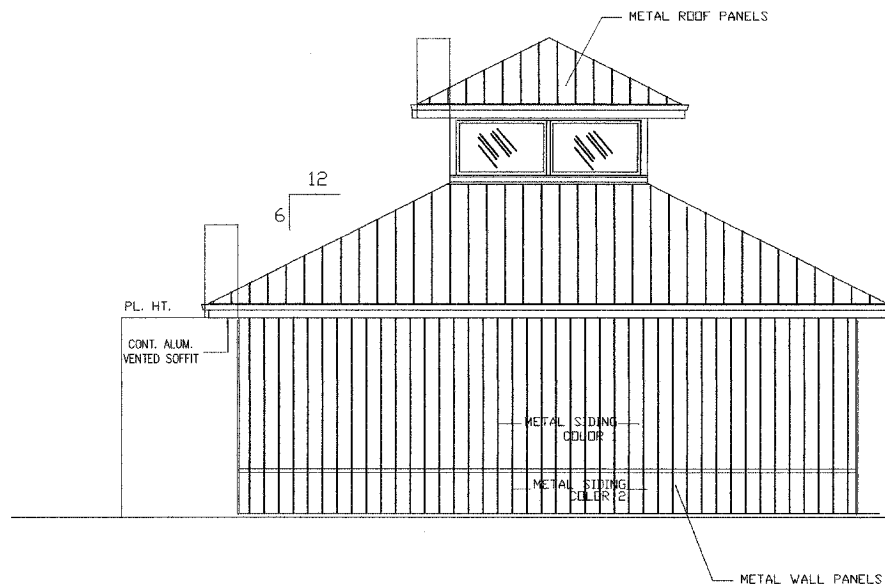
FRONT OF RESTROOM/SHOWER BUILDING
 RIVER SIDE

④ ELEVATIONS
 1/4" = 1'-0"



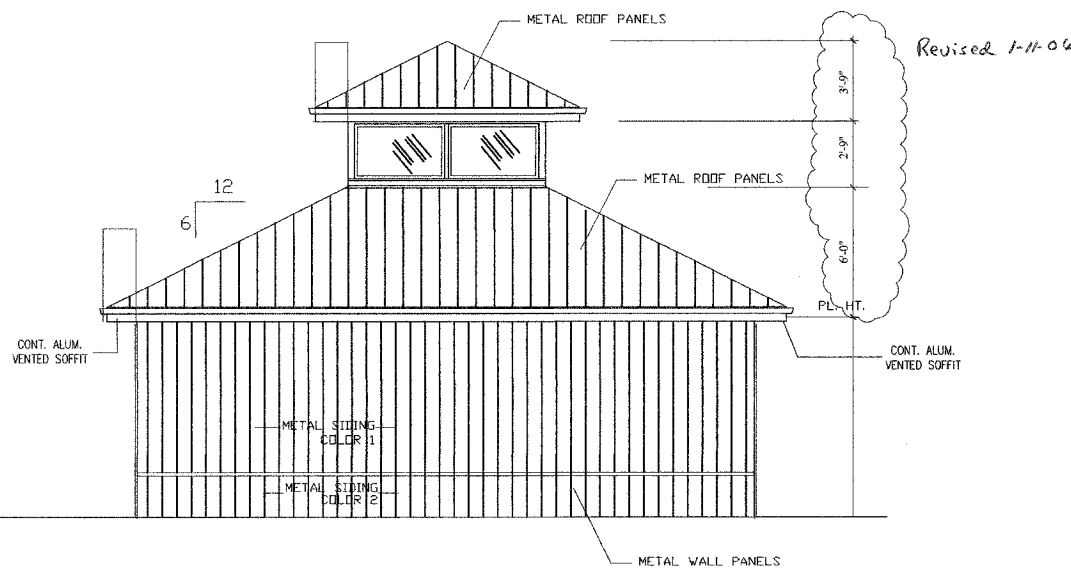
REAR OF RESTROOM/SHOWER BUILDING
 HIGHWAY SIDE

③ ELEVATIONS
 1/4" = 1'-0"



RESTROOM/SHOWER BUILDING

② ELEVATIONS
 1/4" = 1'-0"



RESTROOM/SHOWER BUILDING

① ELEVATIONS
 1/4" = 1'-0"

JOHN A. SHORTAL,
 ARCHITECT, LTD.
 608 POPLAR STREET
 JERSEYVILLE, ILLINOIS 62052
 (618) 779-2740

CITY OF
 GRAFTON

GRAFTON, IL 62037

GRAFTON HARBOR
 MARINA PROJECT
 RESTROOM BUILDING
 215 W. WATER STREET
 GRAFTON, IL 62037

DATE: 9/1/05

REVISED: 00/00/00

ISSUED: FOR BID

PROJ. NO.: 40001

DRAWN BY: JcS

SHEET TITLE
 EXTERIOR
 ELEVATIONS

(9)

A4.0

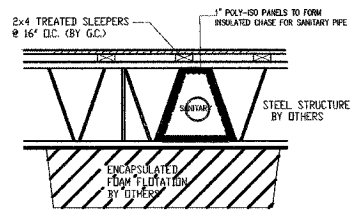
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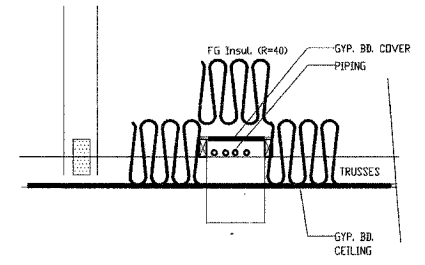
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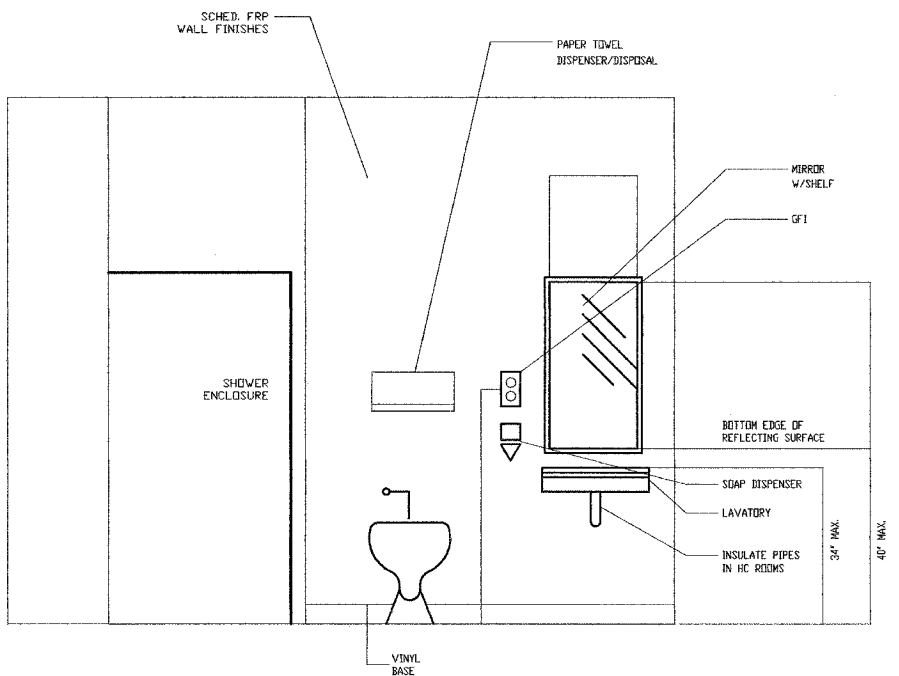
SHEET TITLE
BLDG. SECTION
ELEV. PLAN
& DETAILS
(10)



3
A4.1 SANITARY CHASE BELOW THE DECKING
SCALE: 1" = 1'-0"

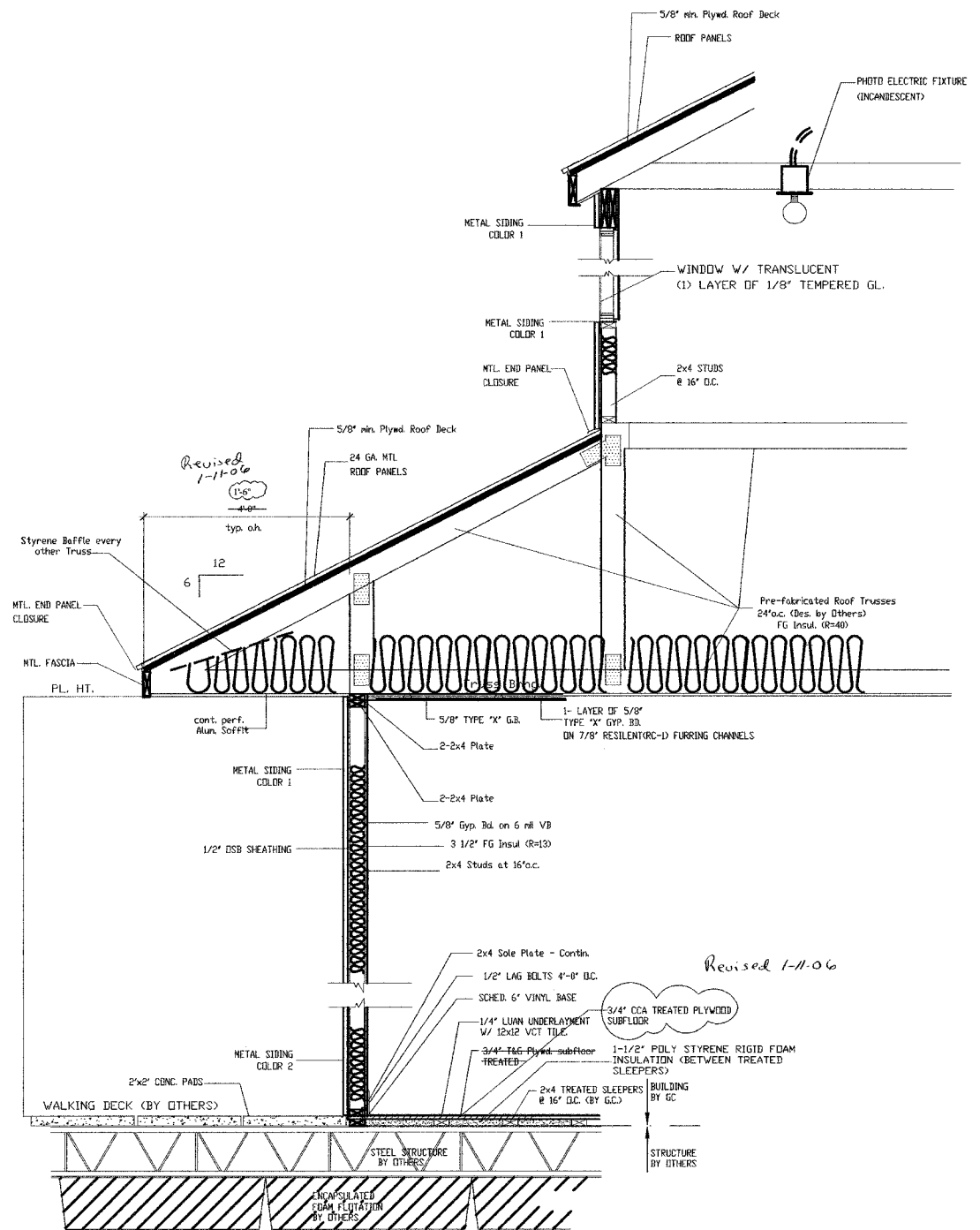


2
A4.1 PIPING INSUL. IN ATTIC
SCALE: 1" = 1'-0"



TYPICAL SHOWER ROOM 3/4" = 1'-0"

REFER TO SHEET 'T' FOR FIXTURE MOUNTING HTS.



1 BUILDING SECTION 3/4" = 1'-0"

GENERAL NOTES

1. PROVIDE CONNECTION FOR ONE POWER OUTLET, ONE COMPUTER POWER OUTLET, ONE VOICE LINE AND ONE DATA LINE PER OWNER LOCATION (STORAGE 103)
2. REFER TO OTHER SHEET A0.0 FOR ADDITIONAL SPECIFICATIONS.
3. COORDINATE ALL VOICE, POWER, DATA, AND LIGHTING REQUIREMENTS WITH OWNER'S FURNITURE AND EQUIPMENT.
4. LOCATE BUILDING TRANSFORMER. COORDINATE FINAL LOCATION WITH POWER COMPANY (AMEREN UE) AND GENERAL CONTRACTOR (RE: ALO)

LEGEND

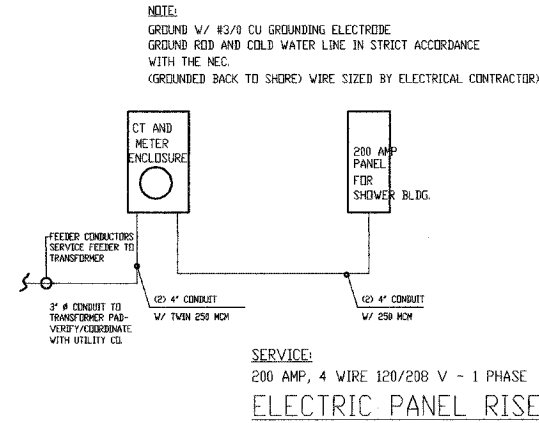
'HUBBELL' 8' 26 WATT 'D42' COMPACT FLUORESCENT DOWNLIGHT - OR EQUAL. LAMP: 26WPF TRIM FINISH: 4498SF (EXTERIOR SOFFIT W/ 13 FC @ 10'-0")

2 LAMP 48" FLUORESCENT FIXTURE (18)

BATTERY BACKUP EMERGENCY LIGHTING. 'PRESCOLITE' EMAX SERIES - WEDGE SHAPE. W/ 6V HALOGEN T 2 1/4 LAMPS. - OR EQUAL.

'PRESCOLITE' GC SERIES LED. - WHITE W/ 6" LETTERS SINGLE FACED VERSION. CLG. MTD. EXIT SIGN. - OR EQUAL.

'HEWILLIAMS' 1x4' SURFACE MTD. FIXTURE 11-4-232-RA12125-EBR82-120 - OR EQUAL.



SERVICE : 200 AMP
 (1) 200 AMP

LIGHTING LOAD: BATH HOUSE
 PROVIDE 20 AMP SPACES
 35 VA PER SF. OF FLOOR SPACE
 35 VA x 1,232 SF. ± = (4,312 VA / 240) = 18 AMPERES

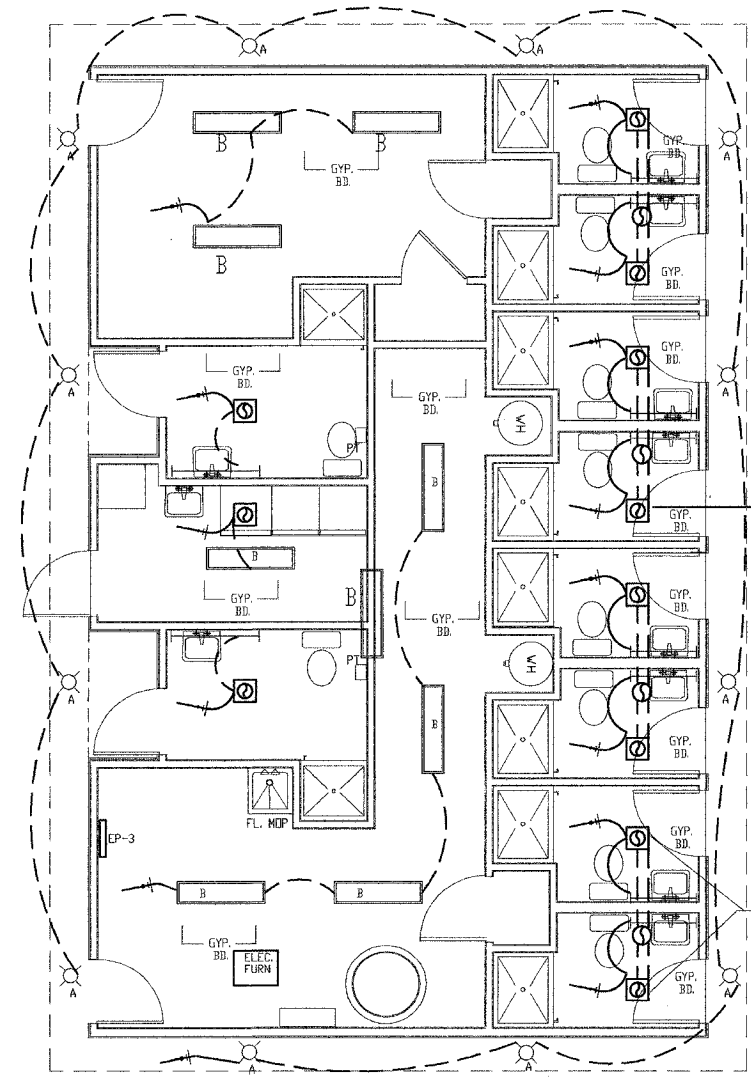
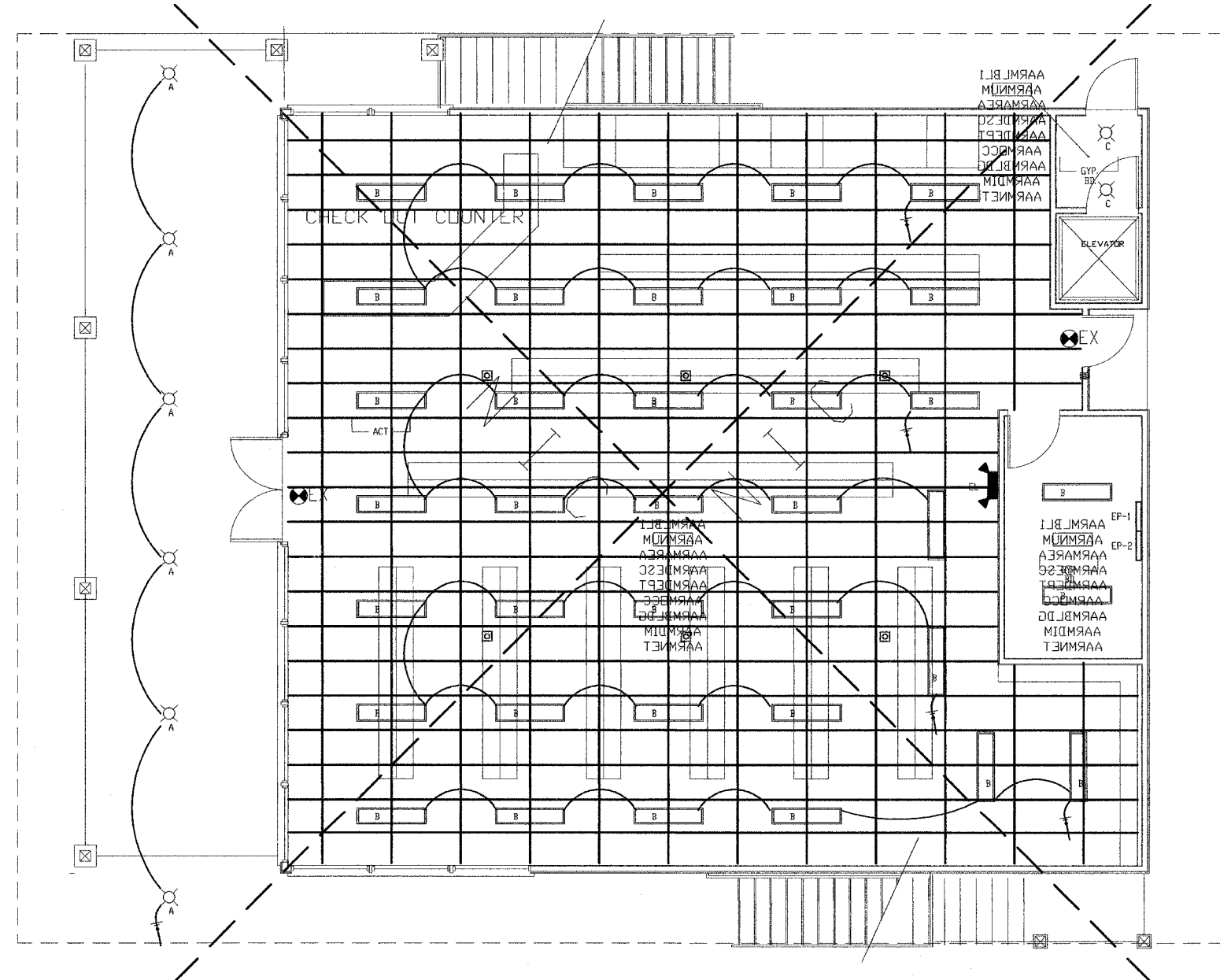
COMMON RECEPTACLE LOAD:
 PROVIDE 15 AMP SPACES
 15 VA PER SF. OF FLOOR SPACE
 MAXIMUM 10 OUTLETS PER 15 AMP BREAKER
 15 VA x 3970 SF. (INCLUDES BATHHOUSE) = (5,955 VA / 240) = 24 AMPERES

DEDICATED LOAD (EXHAUST FANS - 9 TOTAL)
 15 AMP BREAKERS EACH
 LOAD: 22 AMPS TOTAL

DEDICATED LOAD (DRYERS):
 40 AMP BREAKERS EACH
 LOAD: 24 AMPS x (2) = 48 AMPS

DEDICATED LOAD (AIR CONDITIONERS):
 60 AMP BREAKERS EACH
 LOAD: 24 AMPS x (2) = 48 AMPS

TOTAL DEMAND LOAD:
 160 AMPERES



PROVIDE (2) PHOTO ELECTRIC FIXTURE (INCANDESCENT) IN CLESTORY 150 WATT EACH

Restroom Exhaust Fan: 'Green' single port 6" duct Model #SP140
 (VENTED TO SOFFIT SEPARATELY - EXHAUST FAN WORK BY HVAC CONTRACTOR)

Revised 1-11-06

150 CFM ELEC. FAN CONNECT EACH FAN TO EXHAUST UP THRU ROOF

EXTERIOR RECESSED FIXTURES ARE CONTROLLED BY PHOTOELECTRIC SWITCH

1 LIGHTING PLAN
 1/4" = 1'-0"



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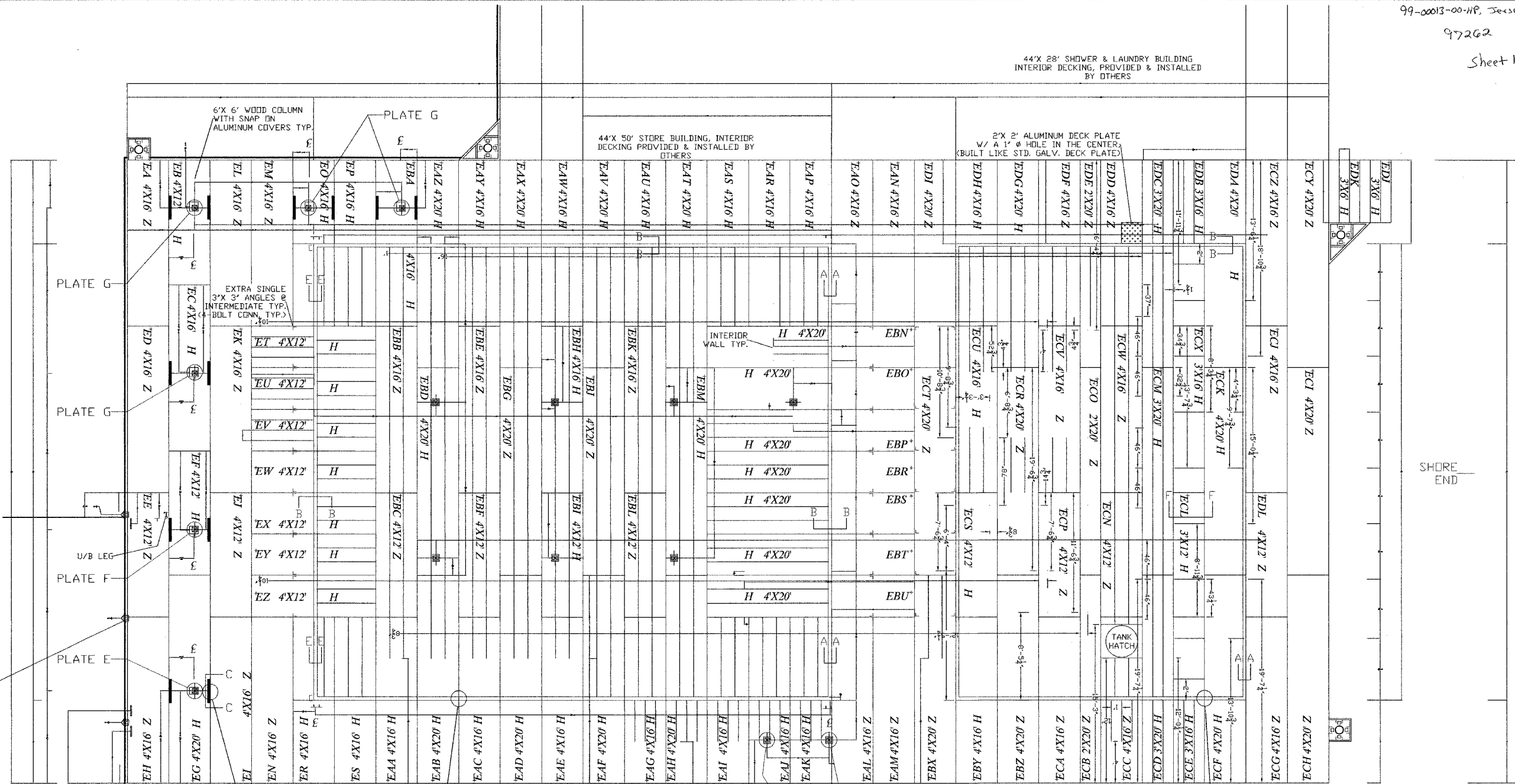
GRAFTON HARBOR MARINA PROJECT RESTROOM BUILDING
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SHEET TITLE
 LIGHTING PLAN
 (12)

E1.0

DESIGN (OPTIONS) DATA	
DECKING	
OWNER SUPPLIED	OWNER INSTALLED
DESIGN FOR GOLF CART STYLE VEHICLE	
USE OF (GOLF CART) STYLE VEHICLE	
* NOT ALLOWED	** NOT RECOMMENDED
ACQ (WOOD)	IPE
ALUMINUM	TREX
* WETCAST	** VINYL
X 5/F DRYCAST	AGGREGATE
X WHITE	GREY
M/W (crosswise)	M/W (lengthwise)
F/P (crosswise)	F/P (lengthwise)
M/W (runs thru F/P)	F/P (runs thru M/W)
RUBRAIL	
OWNER SUPPLIED	OWNER INSTALLED
X SINGLE ACQ (2'X 6')	
DOUBLE ACQ (2'X 6'/ 2'X 8')	
DOUBLE ACQ (2'X 8'/ 2'X 8')	
SINGLE TREX (2'X 6')	
DOUBLE TREX (2'X 6'/ 2'X 8')	
DOUBLE TREX (2'X 8'/ 2'X 8')	
SPECIAL - (SEE PLAN)	
VINYL PADDING	
OWNER SUPPLIED	OWNER INSTALLED
X BLACK	WHITE
DOUBLE	
HEADS OF WELLS & ENDS OF F/P'S	
X AS SHOWN	
ROOFING	
OWNER SUPPLIED	OWNER INSTALLED
X R-PANEL	SUPRA-RIB
STUB COLUMNS	
OWNER SUPPLIED	OWNER INSTALLED
LENGTH X 39 1/2'	53'
STEEL (2")	X STEEL (2 1/2")
WOOD (4'X 4')	WOOD (4'X 6')
BUMPER (WHITE)	X BUMPER (BLACK)
CAPS (WHITE)	X CAPS (BLACK)
FLAT VINYL (WHT)	FLAT VINYL (BLK)
COLUMN BUMPERS	
OWNER SUPPLIED	OWNER INSTALLED
BLACK	WHITE
SGL. 36"	DBL. 36"
SGL. 72"	
BOTTOM FLUSH W/ DECK	
BOTTOM FLUSH W/ COLUMN BOTTOM	
FLATATION	
OWNER SUPPLIED	OWNER INSTALLED
ROOF SNOWLOAD (PSF)	30
DECK LEVELLOAD (PSF)	30
E.P.S. W/ FOAM BOLTS	
SHREMSR	Thrdctr
ACE	Thru-Bolt
X RHIND	X Thru-Cutter
FORMEX	Plate
X STD. WALL THICKNESS	
2- NOMINAL WALL THICKNESS	
OTHER- WALL THICKNESS	



FINAL LOCATION FOR THIS 12" CLEAT WILL BE DETERMINED BY SIZE OF CORNER PILE BRACKETS

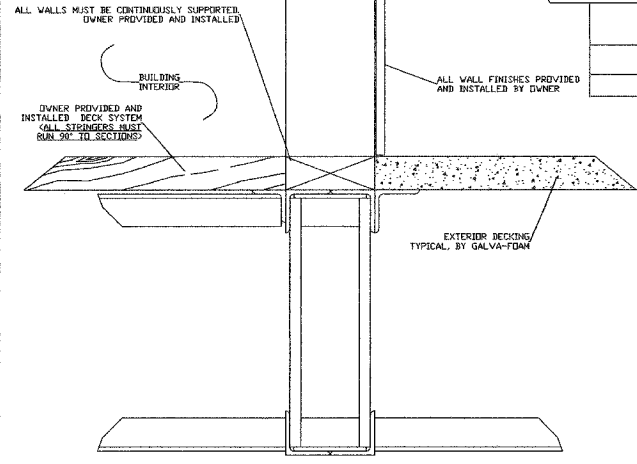
PLAN VIEW- BOATERS STORE BUILDING

- ** SEE DETAIL SHEET FOR SPECIAL SECTION CONSTRUCTION **
- ** ALL OPTION H SECTIONS HAVE X-BRACE RODS IN THE BOTTOM ONLY **
- ** ALL SUPPORT COLUMN BASE PLATES INSIDE THE BUILDING ARE LETTER (A) PLATES **

ANY EXTRA INTERMEDIATES INSIDE BUILDING WALLS THAT ARE NOT SHOWN IN THIS RUN ARE TO BE 2"X 2"X 1/2" SPECIAL CONSTRUCTION FLUSH WITH THE SIDERAILS. (4' OR LESS SPACING)

PLAN VIEW- RESTROOM/SHOWER BUILDING

- ** SEE DETAIL SHEET FOR SPECIAL SECTION CONSTRUCTION **



CROSS SECTION @ EXTERIOR WALLS FOR INSTALLATION USE ONLY

LINETYPE LEGEND

---	2"X 2"X 1/2" INTERMEDIATE FLUSH WITH SIDERAILS
---	W/ SPECIAL CONSTRUCTION. (SEE CROSS SECTION EE)
---	1 1/2"X 1 1/2"X 3/8" INTERMEDIATE FLUSH WITH SIDERAILS
---	W/ SPECIAL CONSTRUCTION. (SEE CROSS SECTION FF)
---	DBL. 2"X 2"X 1/2" INTERMEDIATES W/ 1 1/2"X 3/8" ANGLE INSTEAD OF ROD, WITH 1 1/2"X 3/8" VERTICALS AT THE ENDS, INSTALLED TDE/ TDE WITH A 1" GAP
---	2"X 2"X 3/8" INTERMEDIATE WITH 1 1/2"X 3/8" VERTICALS AT THE ENDS & 4-BOLT CONNECTION
---	2"X 2"X 3/8" BARJOIST WITH 1 1/2"X 3/8" VERTICALS AT THE ENDS & 4-BOLT CONNECTION
---	1 1/2"X 1 1/2"X 3/8" DECK ANGLE
---	2"X 2"X 3/8" DECK ANGLE
---	1 1/2"X 1 1/2"X 3/8" INTERMEDIATE OR BARJOIST FLUSH W/ SIDERAILS TYP.

** ALL FLUSH WELDED INTERMEDIATES MUST BE NOTCHED**

REV.	DESCRIPTION	DRWN.	DATE	CKD.
A	ISSUED FOR APPROVAL	BM	09/15/05	
B	CUSTOMER REV'S	BM	11/10/05	
0	ISSUED FOR FABRICATION	TB	11/21/05	

SHOREMASTER GALVA-FOAM MARINE INDUSTRIES, INC.
 436 SOUTH STATE HIGHWAY 7
 CAMDEN, MD 21613
 (579) 346-3323

GALVA-FOAM WE COVER THE WATER FRONT
 MARINA (PLATFORM)