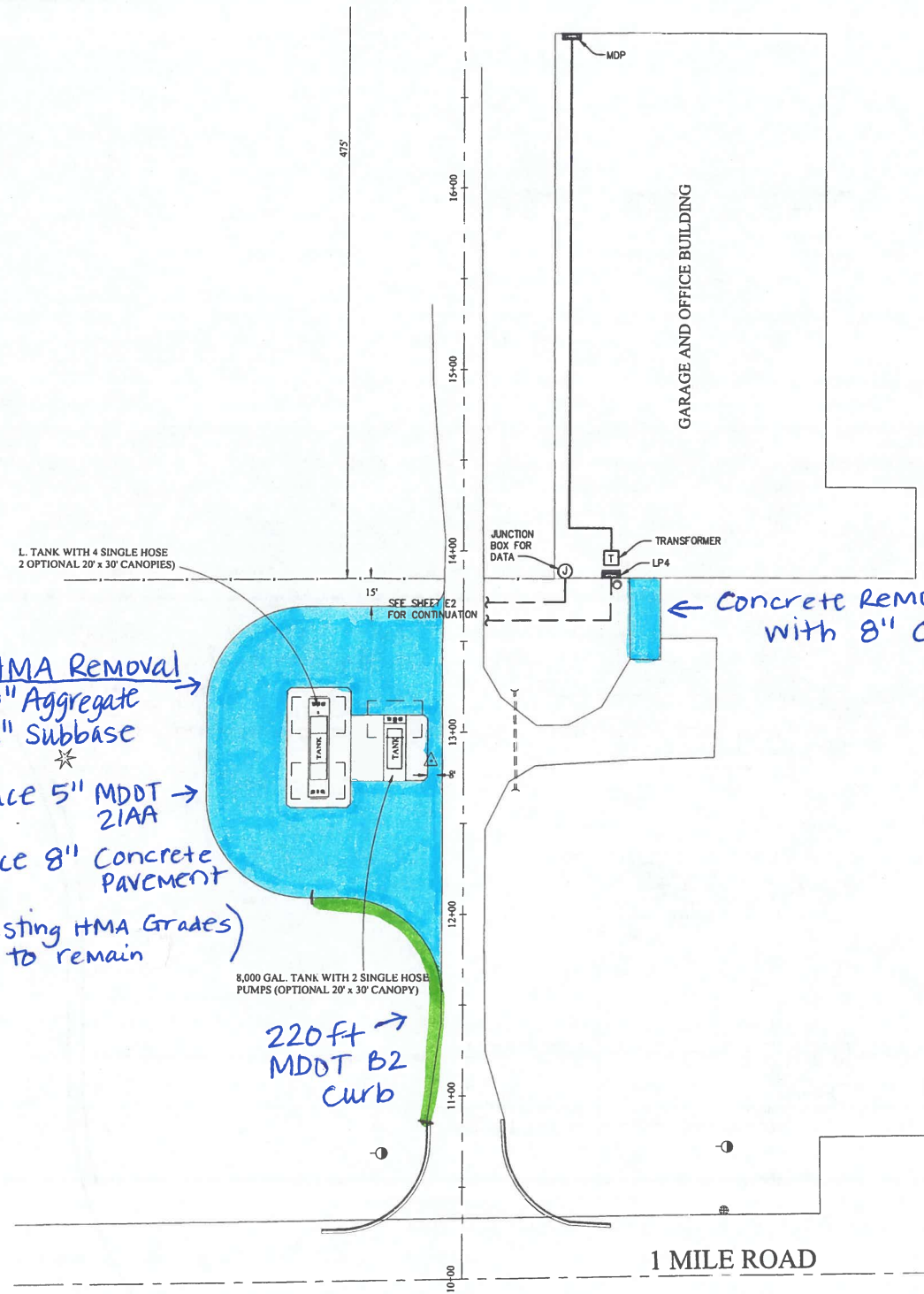




L. TANK WITH 4 SINGLE HOSE
2 OPTIONAL 20' x 30' CANOPIES

HMA Removal
8" Aggregate
2" Subbase
★
Place 5" MDDT →
21AA
Place 8" Concrete
PAVEMENT
(Existing HMA Grades
to remain)

SEE SHEET E2
FOR CONTINUATION

220 ft →
MDDT B2
curb

← Concrete Removal & Replacement
with 8" Concrete pavement.



ELECTRICAL SITE PLAN

SCALE: 1" = 40'



EDIT DATE: 12/06/2009
DESIGN BY: RBA
DRAWN BY: ECT
DWG. FILE: 1-1
DWG. SCALE: AS NOTED
CAD FILE: R1 E2.DWG

PROJECT NO: KCR001

E1

SHEET NO.

KENT COUNTY ROAD COMMISSION
WHITE CLOUD, MICHIGAN
NEWAYGO COUNTY FUEL FACILITY
ELECTRICAL SITE PLAN

NO.	REVISIONS	BY	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

PROFESSIONAL SEAL

CENTURY A&E
Facilities Design
277 Chatham Avenue NE - Grand Rapids, MI 49525
Telephone: (616) 455-5227 / Fax: (616) 455-5228 / Web: www.centurya.com

For Information Only

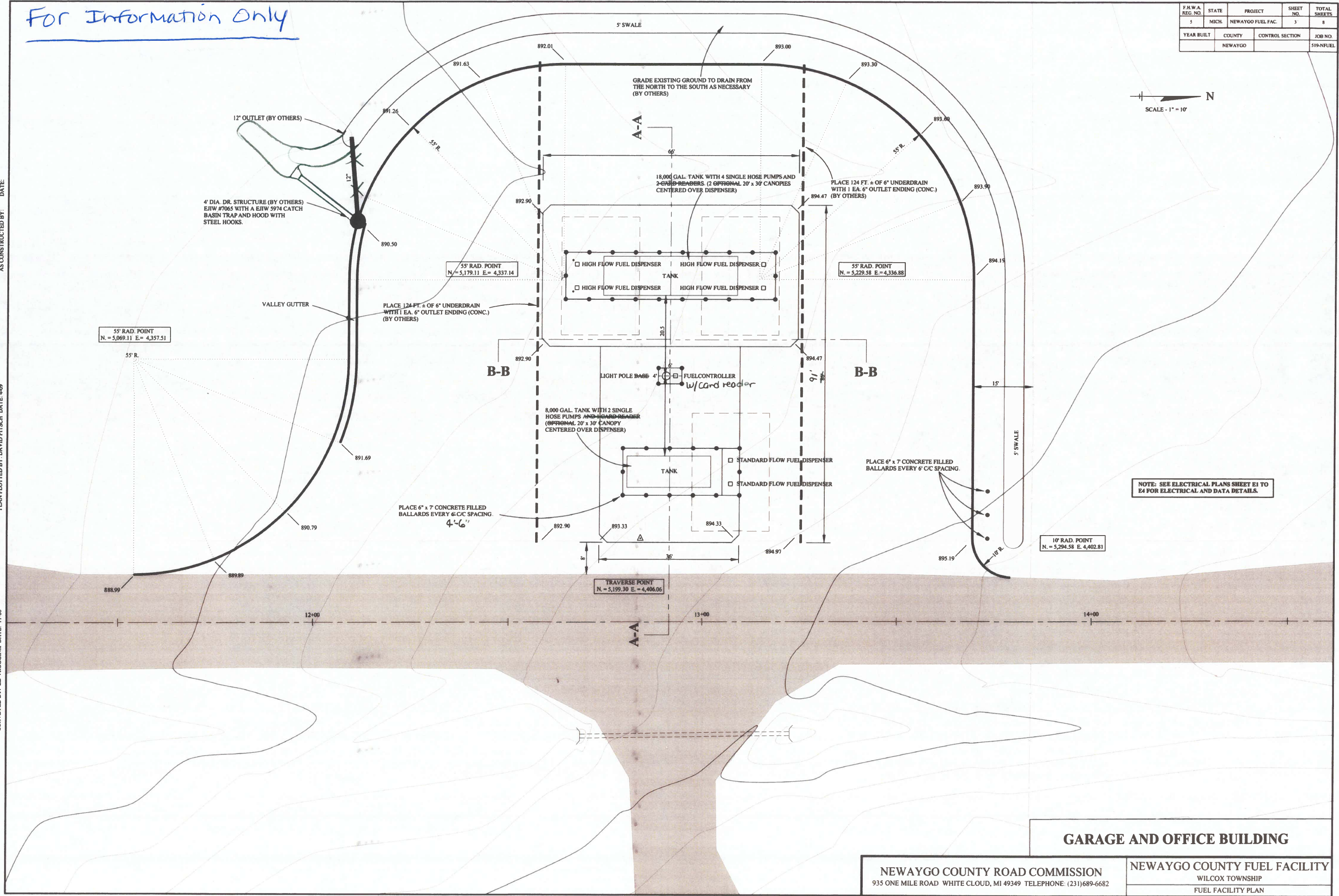
F.H.W.A. REG. NO.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	MICH.	NEWAYGO FUEL FAC.	3	8
YEAR BUILT	COUNTY	CONTROL SECTION	JOB NO.	
	NEWAYGO		519-NFUEL	

DATE: _____
AS CONSTRUCTED BY: _____

PLAN PLOTTED BY: DAVID PITTSCH DATE: 4-09

SURVEYED BY: ED VRUGGINK DATE: 11-08

8/23/2009 8:16:48 AM



GARAGE AND OFFICE BUILDING

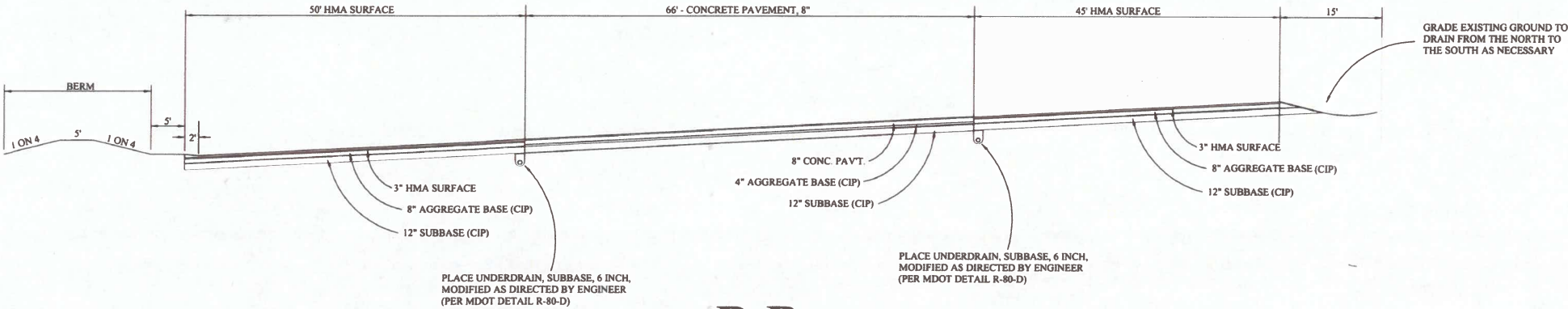
NEWAYGO COUNTY ROAD COMMISSION 935 ONE MILE ROAD WHITE CLOUD, MI 49349 TELEPHONE: (231)689-6682	NEWAYGO COUNTY FUEL FACILITY	
	WILCOX TOWNSHIP	
	FUEL FACILITY PLAN	

SHEET NO.	TOTAL SHEETS
3	8

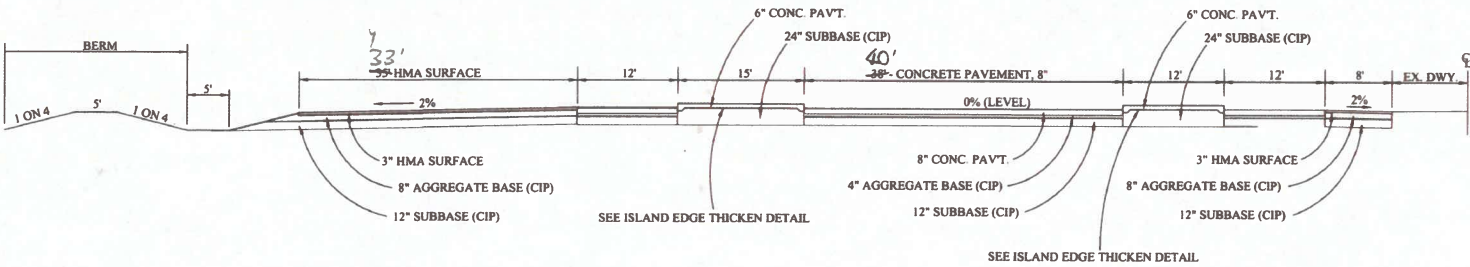
For Information Only

TYPICAL CROSS-SECTIONS

F.H.W.A. REG. NO.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
5	MICH.	NEWAYGO FUEL FAC.	4	8
YEAR BUILT	COUNTY	CONTROL SECTION	JOB NO.	
	NEWAYGO		519-NFUEL	



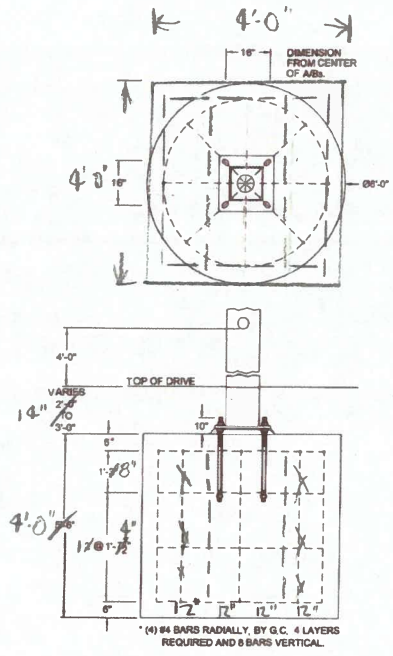
B-B



A-A

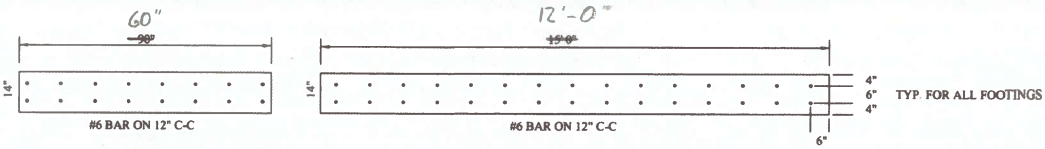
THE CANOPIES SHALL BE DESIGNED TO MEET THE FOLLOWING CODES.

- I.C.C. INTERNATIONAL BUILDING CODE (2006)
- AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (335-89S1)
- AISC CODE OF STANDARD PRACTICE FOR BUILDINGS AND BRIDGES (2005 EDITION)
- AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (2001 EDITION, INCLUDING 2004 SUPPLEMENT)
- AWS D1.1-2004 STRUCTURAL WELDING CODE
- NATIONAL STANDARD PLUMBING CODE, 2006
- AISC STEEL CONSTRUCTION MANUAL, THIRTEENTH EDITION



TYPICAL CANOPY FOUNDATION DETAIL (NTS)

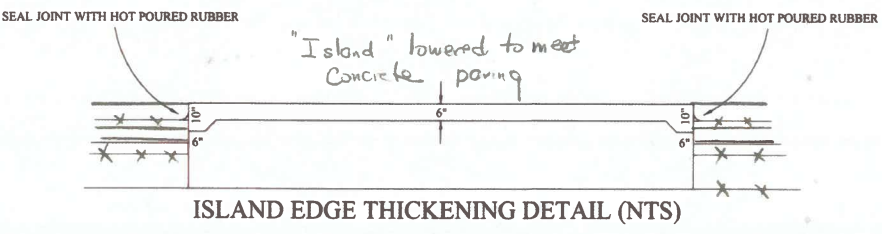
Foundations per ship drawings from Superior Canopy



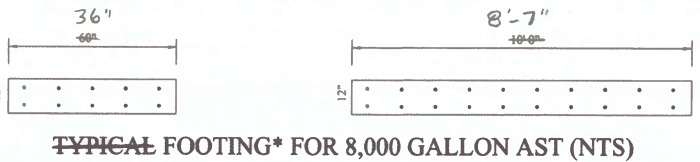
TYPICAL FOOTING* FOR 18,000 GALLON AST (NTS)

Footings per ship drawings from Clawson Tank

* CONTRACTOR TO VERIFY THAT FOOTING SIZE IS ADEQUATE. TANK TO BE LEVELED WITH DIFFERENT HEIGHT SADDLES.



ISLAND EDGE THICKENING DETAIL (NTS)



TYPICAL FOOTING* FOR 8,000 GALLON AST (NTS)

NEWAYGO COUNTY ROAD COMMISSION
935 ONE MILE ROAD WHITE CLOUD, MI 49349 TELEPHONE: (231)689-6682

NEWAYGO COUNTY FUEL FACILITY
WILCOX TOWNSHIP
TYPICAL CROSS-SECTIONS