

GENERAL NOTES

FOUNDATIONS:

1. FOUNDATION DESIGN IS BASED UPON AN ALLOWABLE SOIL BEARING PRESSURE OF 2,500 P.S.F. THE CONTRACTOR WILL VERIFY THIS PRIOR TO CONSTRUCTION.

CONCRETE:

1. ALL CONCRETE WILL BE NORMAL WEIGHT AND HAVE A 28-DAY COMPRESSIVE STRENGTH EQUAL TO 4000 P.S.I. AND A DENSITY EQUAL TO 145 P.C.F.
2. ALL CONCRETE WILL BE PLACED IN STRICT ACCORDANCE WITH ACI RECOMMENDATIONS.
3. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE: UNFORMED SURFACES IN CONTACT WITH THE EARTH: 3 IN. FORMED SURFACES EXPOSED TO EARTH OR WEATHER: 2 IN.
4. REINFORCING SHALL CONFORM TO ASTM A615, GR. 60, INCLUDING TIES AND STIRRUPS.
5. CONTRACTOR SHALL NOTIFY ENGINEER IN ADVANCE OF ALL CONCRETE POURS. ENOUGH TIME SHOULD BE ALLOWED FOR ENGINEER TO INSPECT AND APPROVE REINFORCING. A MINIMUM OF 90% OF REQUIRED REINFORCING SHOULD BE IN PLACE.
6. A 3/4 INCH CHAMFER IS TO BE PROVIDED TO ALL EDGES OF CONCRETE.

STRUCTURAL STEEL:

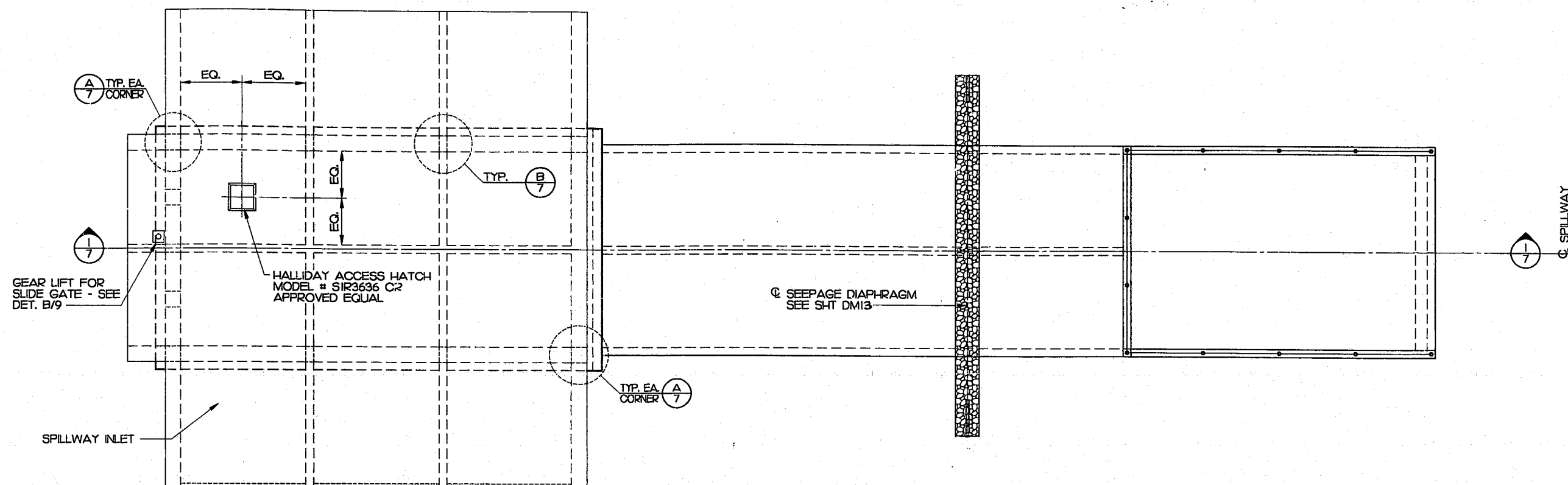
1. ALL STRUCTURAL STEEL WILL CONFORM TO ASTM A36 AND WILL BE HOT-DIPPED GALVANIZED.
2. BOLTED CONNECTIONS, U.N.O., WILL BE 1/2 INCH DIAMETER CONFORMING TO ASTM A325. ANCHOR BOLTS WILL CONFORM TO ASTM A307, ALL OF WHICH WILL BE HOT-DIPPED GALVANIZED.

SLUICE GATE REQUIREMENTS:

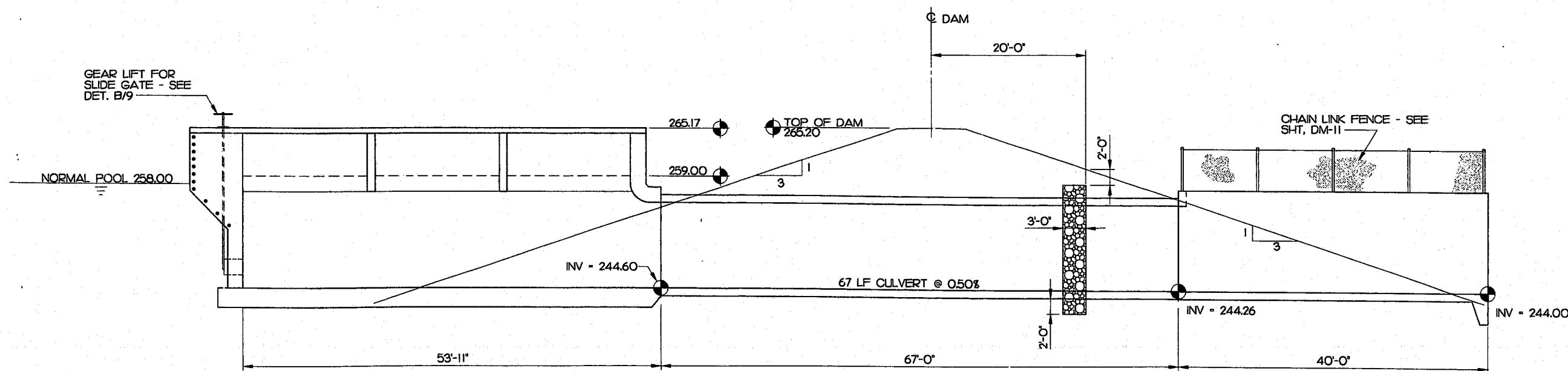
1. SLUICE GATE WILL BE A WATERMAN SERIES 3000 OR APPROVED EQUAL AS SHOWN OF THE PLANS. DETAILED SHOP DRAWINGS WILL BE SUBMITTED FOR ENGINEERING APPROVAL PRIOR TO ORDERING.

PVC WATERSTOP:

1. PVC WATERSTOP WILL BE EXTRUDED FROM AN ELASTOMERIC PLASTIC COMPOUND CONSISTING OF VIRGIN POLYVINYL CHLORIDE. PRODUCT DATA SHEET WILL BE SUBMITTED FOR ENGINEERING APPROVAL PRIOR TO ORDERING.

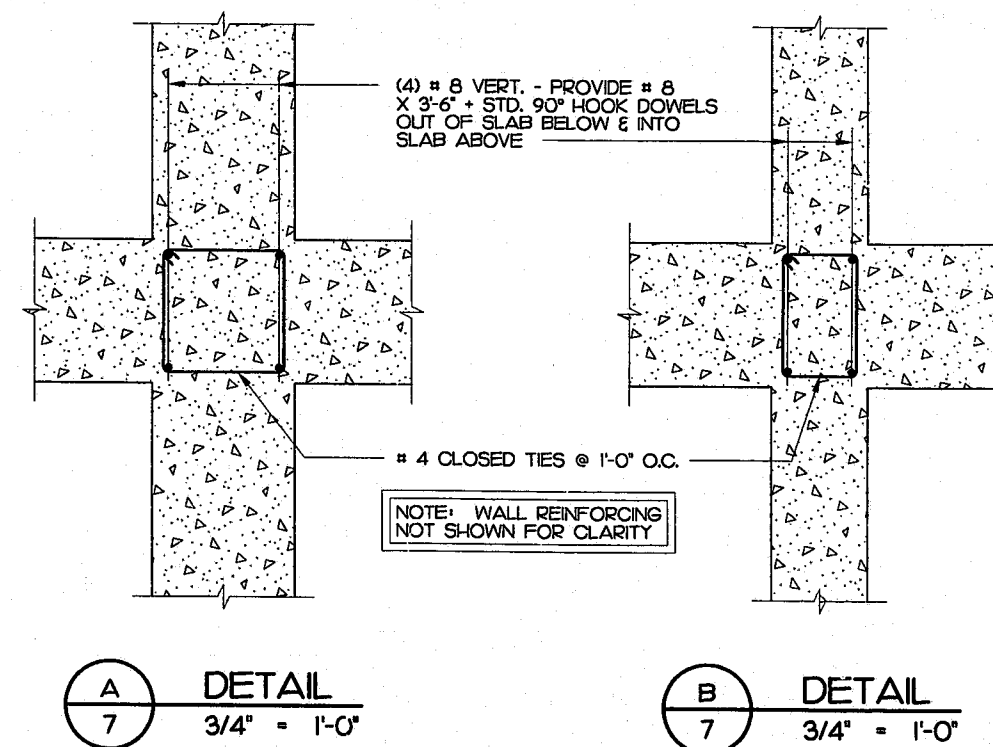


PLAN - INTAKE STRUCTURE, CULVERT & SPILLWAY
SCALE: 1" = 10'



SECTION 1/7
1" = 10'

NOTE: FOR DRAINAGE INFORMATION NOT SHOWN SEE SHT. DM-6

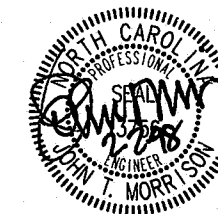


DETAIL A/7
3/4" = 1'-0"

DETAIL B/7
3/4" = 1'-0"

FOR CONSTRUCTION

APPROVED
3-2-98
TM 3-2-98



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Revisions			
No.	Description	Date	By

CARY GLEN DAM

CULVERT STRUCTURE LAYOUT

Designer JTM	Scale AS NOTED	CAD File
Drawn By WKC	Date 1-30-98	Sheet No. DM-7
Checked By JTM	Job No. 97014	of.