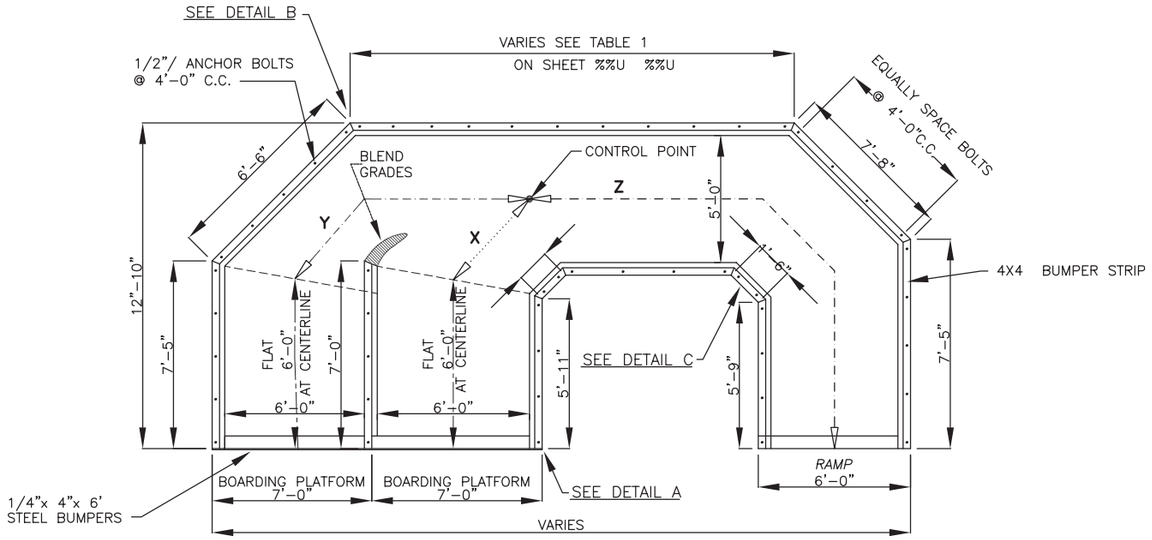
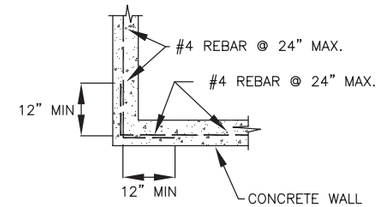


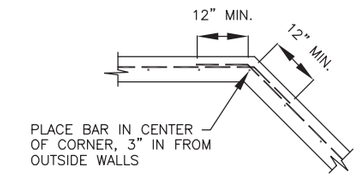
PLAN

HANDRAIL NOT SHOWN

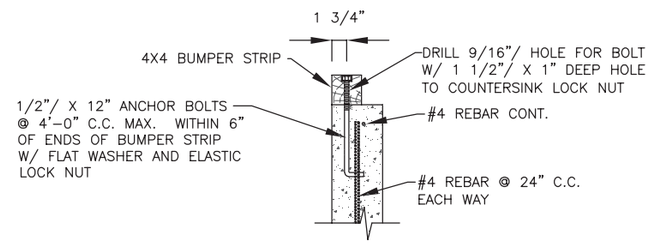
NOTE:
DETAILS A, B, AND C SHOW DIMENSIONS FOR LAPPING #4 REBAR.



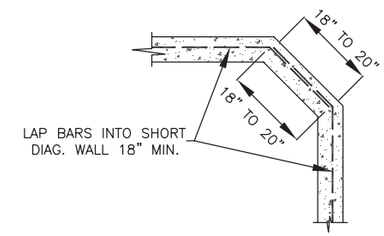
DETAIL A



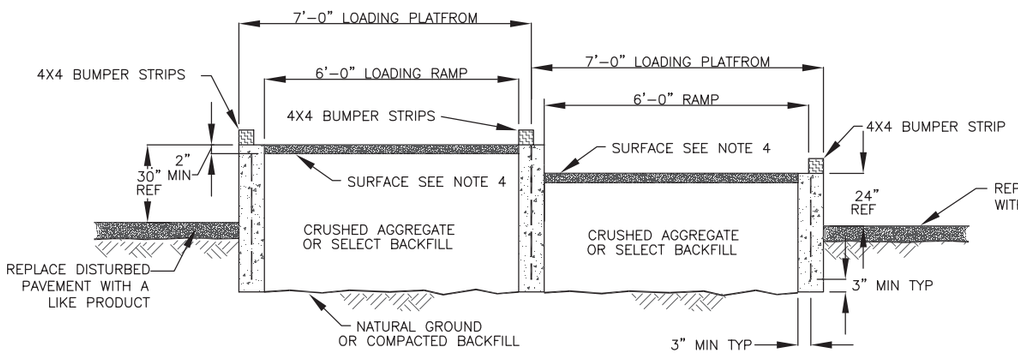
DETAIL B



ANCHOR BOLT DETAIL

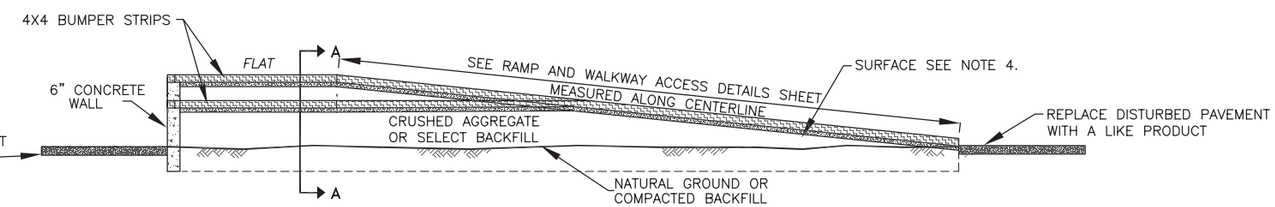


DETAIL C

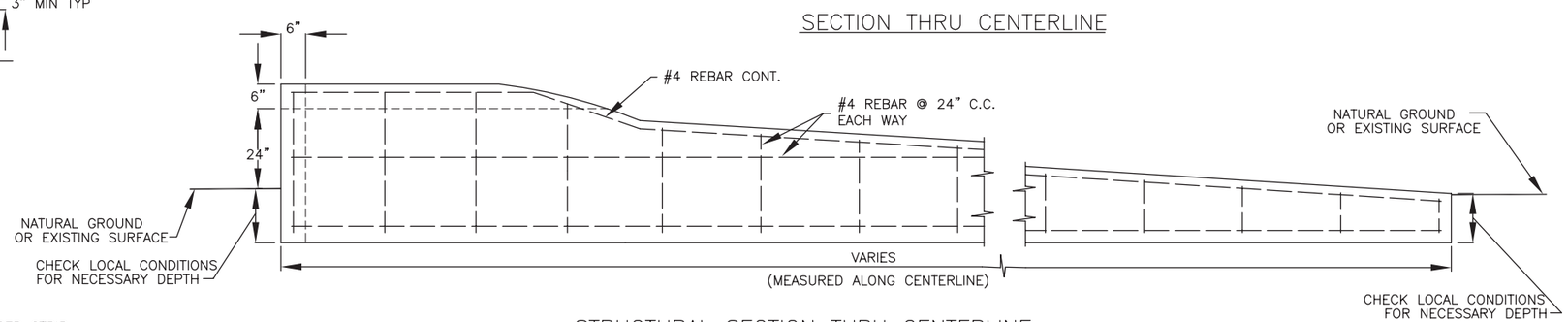


SECTION A–A

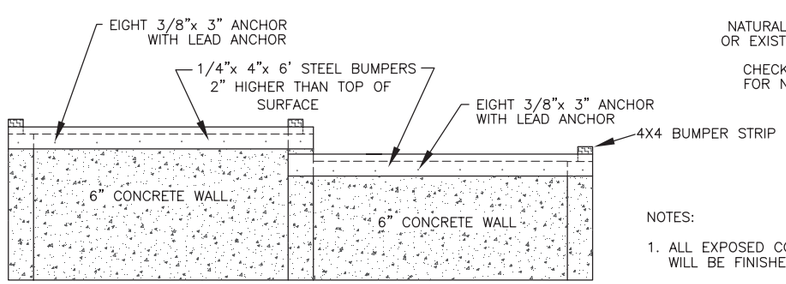
HANDRAIL NOT SHOWN



SECTION THRU CENTERLINE



STRUCTURAL SECTION THRU CENTERLINE



FRONT ELEVATION

HANDRAIL NOT SHOWN

NOTES:

1. ALL EXPOSED CONCRETE SURFACES WILL BE FINISHED.
2. REMOVED ASPHALT MAY BE REDUCED TO 2 INCH MINUS MATERIAL AND MIXED WITH THE BACKFILL MATERIAL.
3. ALL CONCRETE WALLS SHALL BE 8 INCHES THICK.
4. SURFACE SHALL EQUAL 4" MIN FOR CONCRETE OR 2" MIN FOR ASPHALT
5. BASE SHALL EQUAL 4 TO 6" CRUSHED AGGREGATE UNDER SURFACING
6. 4X4 WOOD BUMPER STRIPS SHALL BE PRESSURE TREATED WOOD THAT ALLOWS HUMAN CONTACT

Copies of these drawings have been distributed for review. Final approval and signature are pending.

DRAFT

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UNLESS OTHERWISE SPECIFIED
TOLERANCES:
FRACTIONS +/- ____
DECIMALS +/- ____
ANGLES +/- ____
DIMENSIONS ARE IN INCHES
BREAK SHARP EDGES

DATE	REVISION	BY
12/99	REVISED BY MTDC	DWM

U. S. DEPT. OF AGRICULTURE
FOREST SERVICE
TECHNOLOGY & DEVELOPMENT CENTER
MISSOULA, MONTANA

DRAWN R.VIERRA
DESIGNED M.HARRINGTON
CHECKED S.ORAVETZ
APPROVED S.ORAVETZ
SCALE NONE
DATE JAN 2000

TITLE
ACCESSIBLE BOAT RAMP
FOR DRY LAND LOADING AND UNLOADING

979–2

SHEET 2 OF 8

MTDC– 979