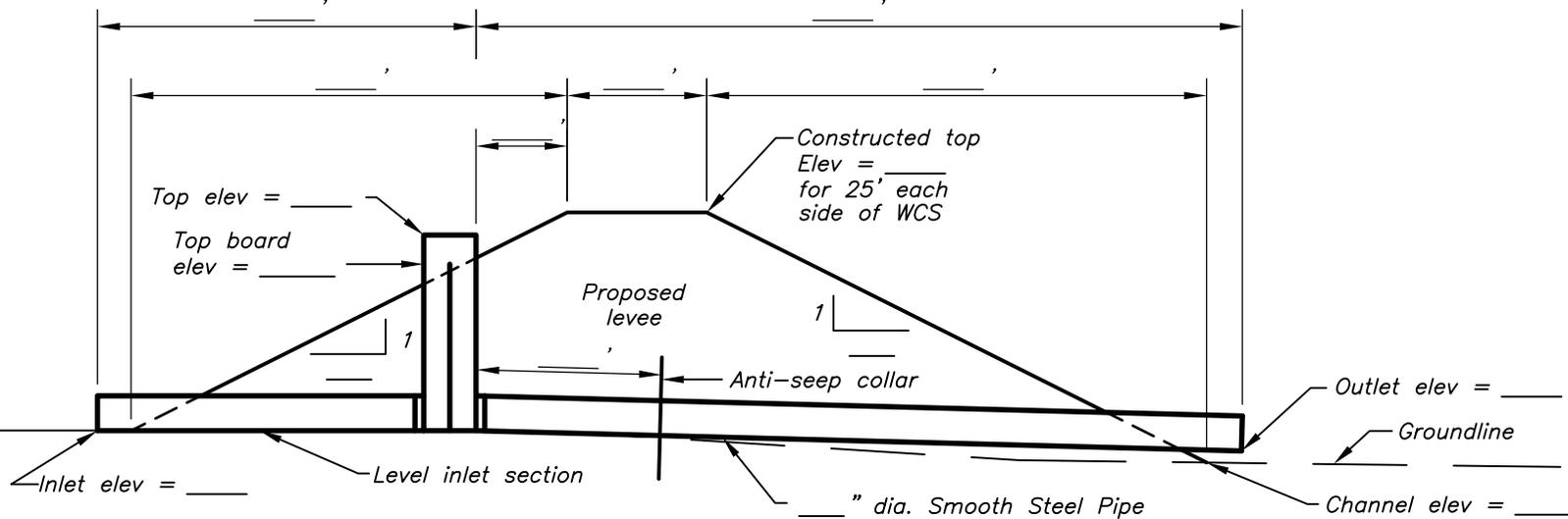


INLINE WATER CONTROL STRUCTURE

NOTES:

1. Construct a smooth and maintainable transition from this reach to adjacent levee reaches.
2. The Water Control Structure shall be an "in-line" type, compatible with the size and type of pipe inlet and outlet. The riser shall be ___' tall. Normal pool elevation = _____.
3. The inlet, riser and outlets shall be marked with steel fence posts.
4. For further details, see Missouri Construction Specification 657, Wetland Restoration.
5. Water Control Structure shall be installed and backfilled according to the specifications and according to manufacturers recommendations.
6. For details of trash rack at inlet, see sheet _____.
7. For details of anti-seep collar, see sheet _____.



**TYPICAL CROSS SECTION AT WATER CONTROL STRUCTURE
LOCATE WCS AT STATION _____**

NOTES:

1. All welds shall be watertight.
 2. All pipe shall have a minimum thickness of _____ inches.
 3. Welds on pipe surface joints shall be either (a) or (b).
 - (a) Single "V" butt weld, 60 degree angle bevel, root face and gap measurements 0 to 1/8". The "V" is to be completely filled.
 - (b) Butt weld joint with two passes. Weld 2"x 10"x 1/4" or equivalent size steel straps across all field welded joints with 1/8" fillet welds. Straps shall be flush with pipe surface.
- 12 to 16 inch diameter WSP – Use four straps equally spaced.
 Pipe larger than 16" dia. – The strap spacing shall not exceed 12" C.C. except the number of straps need not exceed 8 on pipe sizes 30" in dia. thru 48" dia..

DRAFT
NOT FOR
CONSTRUCTION

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____

WCS# _____ LEVEE # _____
**WATER CONTROL
STRUCTURE DETAILS**



File Name _____
 Drawing Name
29-L-432B