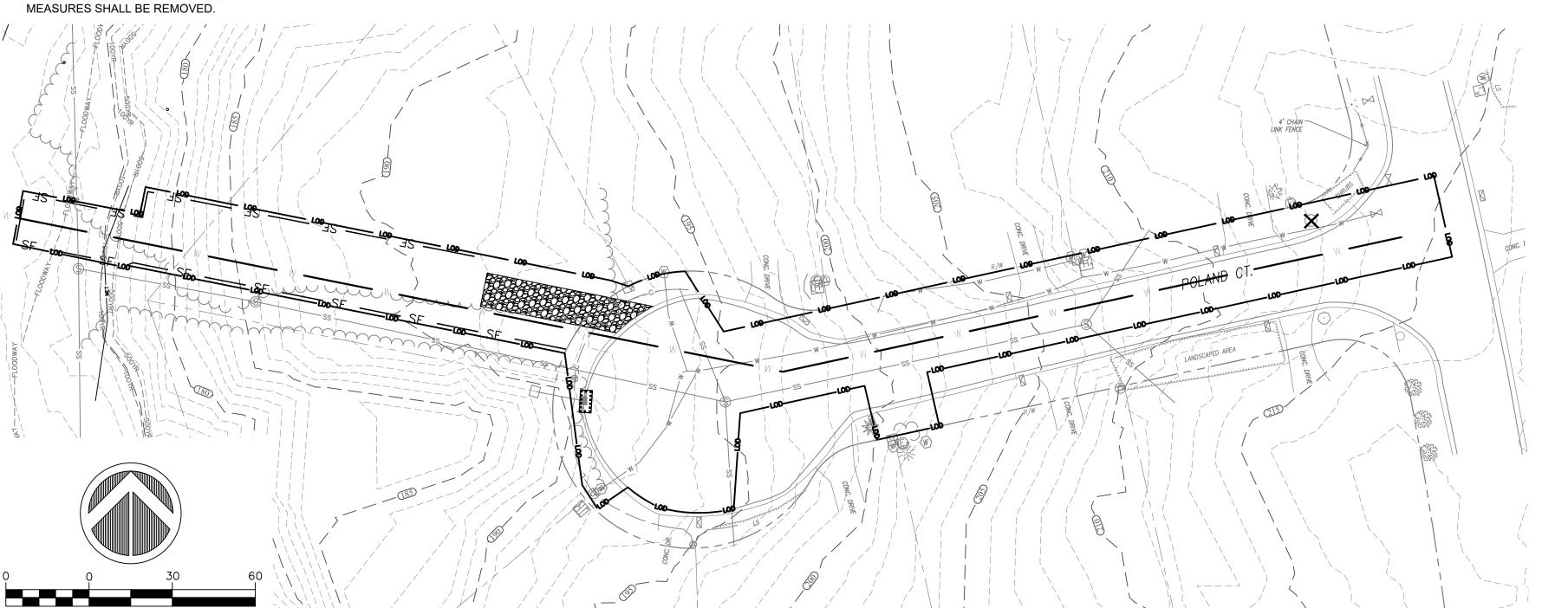


- DISTURBED AREAS NOT AT FINAL GRADE, LEFT IDLE FOR TWO OR MORE WEEKS, SHALL BE TEMPORARILY VEGETATED PER THE TABLE BELOW. SEEDING SHALL BE IN ACCORDANCE WITH SEEDING DETAIL EC-8 ON SHEET D4.
- ALL DISTURBED AREAS AS PART OF WATERLINE WORK SHOWN ON SHT U1-U4 WILL BE STABILIZED PERMANENTLY WITH CENTIPEDE SOD AS RECOMMENDED WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER).
- 4. ALL REMAINING DISTURBED AREAS WILL BE STABILIZED PERMANENTLY PER SP-10.

1 INCH = 30 FT HORIZ

- 5. ONCE PERMANENT VEGETATION AND EROSION CONTROL MEASURES ARE ESTABLISHED, THE CONTRACTOR SHALL SCHEDULE A FINAL INSPECTION IN ORDER TO OBTAIN A CERTIFICATE OF COMPLETION. AFTER APPROVAL, ALL REMAINING TEMPORARY EROSION CONTROL
- OPERATION ON A WEEKLY BASIS AND FOLLOWING EVERY RUNOFF PRODUCING RAINFALL EVENT. ANY REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN THE FUNCTION OF THE PRACTICE.
- TRAPPED SEDIMENT SHALL BE PROPERLY REMOVED FROM THE UPSLOPE SIDE OF SEDIMENT FENCE WHEN SEDIMENT BUILDS UP TO A DEPTH OF 0.5 FEET. SEDIMENT FENCE SHALL BE REPAIRED AS NECESSARY TO MAINTAIN ITS FUNCTION.
- 4. REFER TO DETAIL SHEETS D4 & D5FOR ADDITIONAL MAINTENANCE NOTES ON EROSION CONTROL STRUCTURES.

STABILIZATION TI	MEFRAMES
Stabilization	Timeframe Exceptions
7 Days	None
7 Days	None
7 Days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
14 Days	7 days for slopes greater than 50' in length
14 Days	None, except for perimeters and HQW Zones
	Stabilization 7 Days 7 Days 7 Days 14 Days



### **EROSION CONTROL NOTES**

- 1. REFER TO GENERAL NOTES ON SHEET 3.
- 2. DISTURBED AREAS: TOTAL = 2.31 ACRES
- 3. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEALED PER THE SPECIFICATION SHOW

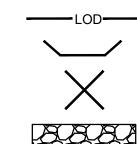
## **EROSION CONTROL:**

- INSTALL PERMANENT VEGETATIVE COVER AND THE LONG-TERM EROSION PROTECTION MEASURES OR STRUCTURES AS SOON AS PRACTICAL IN THE CONSTRUCTION PROCESS. APPROPRIATE EROSION CONTROL MEASURES MUST BE PLACED BETWEEN THE DISTURBED AREA AND AFFECTED WATERWAY AND MAINTAINED UNTIL PERMANENTLY VEGETATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES RELATED TO THE CONSTRUCTION SITE.
- 3. AT A MINIMUM, EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY LOCAL GOVERNING
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY SOIL TRACKED INTO THE PUBLIC RIGHT-OF-WAY.
- THE LOCATIONS OF SOME EROSION CONTROL MEASURES MAY HAVE TO BE ALTERED FROM THOSE SHOWN ON THE PLANS IF DRAINAGE PATTERNS CHANGE DURING CONSTRUCTION.
- PROVIDE FOR HANDLING THE INCREASED RUNOFF CAUSED BY CHANGED SOIL AND SURFACE CONDITIONS. USE EFFECTIVE MEANS TO CONSERVE EXISTING ON-SITE SOIL INCLUDING THE USE OF DIVERSION DITCHES.
- CONTROL RUNOFF AND PROTECT AREAS SUBJECT TO EROSION DURING CONSTRUCTION. CHANNEL BANKS SHALL BE SEEDED DAILY UPON COMPLETION OF FINAL GRADING.
- ALL SEDIMENT AND EROSION CONTROLS ARE TO BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. MAINTENANCE OF SEDIMENT TRAPPING STRUCTURES SHALL BE PERFORMED AS NECESSARY PER THESE INSPECTIONS. SILT FENCING AND DIVERSION DITCHES SHALL BE INSTALLED AS SHOWN ON PLANS.
- STABILIZATION MEASURES SHALL BE INITIATED AT THE END OF EACH DAY IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. EXCEPT WHERE CONSTRUCTION
- PREVENT LOSS OF SEDIMENT.
- ALL NECESSARY MEASURES MUST BE TAKEN TO PREVENT OIL, TAR, TRASH, AND OTHER POLLUTANTS FROM ENTERING THE ADJACENT OFFSITE AREAS.
- 14. CONSTRUCTION ACTIVITIES MUST AVOID TO THE GREATEST EXTENT PRACTICABLE, ENCROACHMENT INTO ANY WETLAND/STREAM AREAS NOT DESIGNATED AS IMPACT AREAS.
- 15. ACTIVITIES MUST AVOID DISTURBANCE OF WOODY RIPARIAN VEGETATION WITHIN THE PROJECT AREA TO THE CONSTRUCTION OF THE CHANNEL.
- 16. NO ON-SITE BURIAL OF VEGETATION OR CONSTRUCTION DEBRIS WILL BE PERMITTED.
- 17. ANY GRADING BEYOND THE CONSTRUCTION LIMITS SHOWN ON THE PLAN IS A VIOLATION OF THE NORTH CAROLINA EROSION CONTROL ORDINANCE, AND IS SUBJECT TO A FINE.
- 18. PLEASE REFERENCE PLAN SHEET DETAILS AND NCDENR STANDARDS FOR CONSTRUCTION OF EROSION CONTROL
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES RELATED TO THE
- CONSTRUCTION SITE. 20. MAINTAIN WRITTEN SELF-INSPECTION RECORDS IN ACCORDANCE WITH GS 113A-54.1 (E) AND NCG 010000 SEC. II.B, 3).

# **EROSION CONTROL SEQUENCE**

- SEE EROSION CONTROL NOTES THIS SHEET.
- 2. CONDUCT PRE-CONSTRUCTION MEETING INCLUDING OWNER/ENGINEER, ASSOCIATED CONTRACTORS AND OTHER AFFECTED
- 3. ALL EROSION CONTROL MEASURES (CHECK DAMS AND SILT FENCES) SHALL BE INSTALLED PRIOR TO CLEARING AND GRUBBING. CLEAR ONLY AS NECESSARY TO INSTALL SEDIMENT AND EROSION CONTROL MEASURES.
- CONTRACTOR TO INSTALL IMPERVIOUS DIKES OR APPROVED EQUIVALENT TO PROVIDE DRY WORK AREA. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PUMPING OPERATION AS NEEDED TO MAINTAIN DRY WORK AREA. WATER SHALL BE PUMPED AND OR DIRECTED TO EITHER SEDIMENT BASINS OR TO AN APPROVED SEDIMENT BAG PLACED INSIDE THE LIMITS OF CONSTRUCTION.
- PRIOR TO CLEARING AND GRUBBING, THE CONTRACTOR SHALL REQUEST AN ON-SITE INSPECTION. UPON RECEIPT OF CERTIFICATE OF COMPLIANCE, GRUBBING/CONSTRUCTION MAY BEGIN.
- 6. PERFORM GRADING OPERATIONS IN A MANNER AND SEQUENCE SO AS TO REDUCE UNNECESSARY DISTURBANCE OF SURFACE COVER.
- 7. DURING EXCAVATION DE-WATERING SHALL BE CONDUCTED AS NEEDED. DE-WATERING SHALL BE COMPLETED THROUGH USE OF PUMPS. WATER SHALL BE PUMPED AND OR DIRECTED TO EITHER SEDIMENT BASINS OR TO AN APPROVED SEDIMENT BAG PLACED INSIDE THE LIMITS OF CONSTRUCTION.
- 8. UPON COMPLETION OF GRADING OPERATIONS, INSTALL PERMANENT STABILIZATION MEASURES. SEE VEGETATION NOTES THIS
- 9. ONCE FINAL VEGETATION IS ESTABLISHED CALL FOR FINAL APPROVAL. FINAL APPROVAL MUST BE GRANTED PRIOR TO REMOVAL OF EROSION CONTROL MEASURE.
- 10. UPON FINAL APPROVAL, REMOVE TEMPORARY EROSION CONTROL MEASURES.

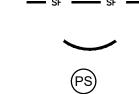
# EC LEGEND



LIMITS OF DISTURBANCE TREE PROTECTION

(SEE DETAIL WKD-1 ON SHEET D4) TREE REMOVAL

TEMPORARY GRAVEL CONSTR. ENTRANCE/EXIT (SEE DETAIL EC-2 ON SHEET D4) INLET PROTECTION (SEE DETAIL EC-1 ON SHEET D4)



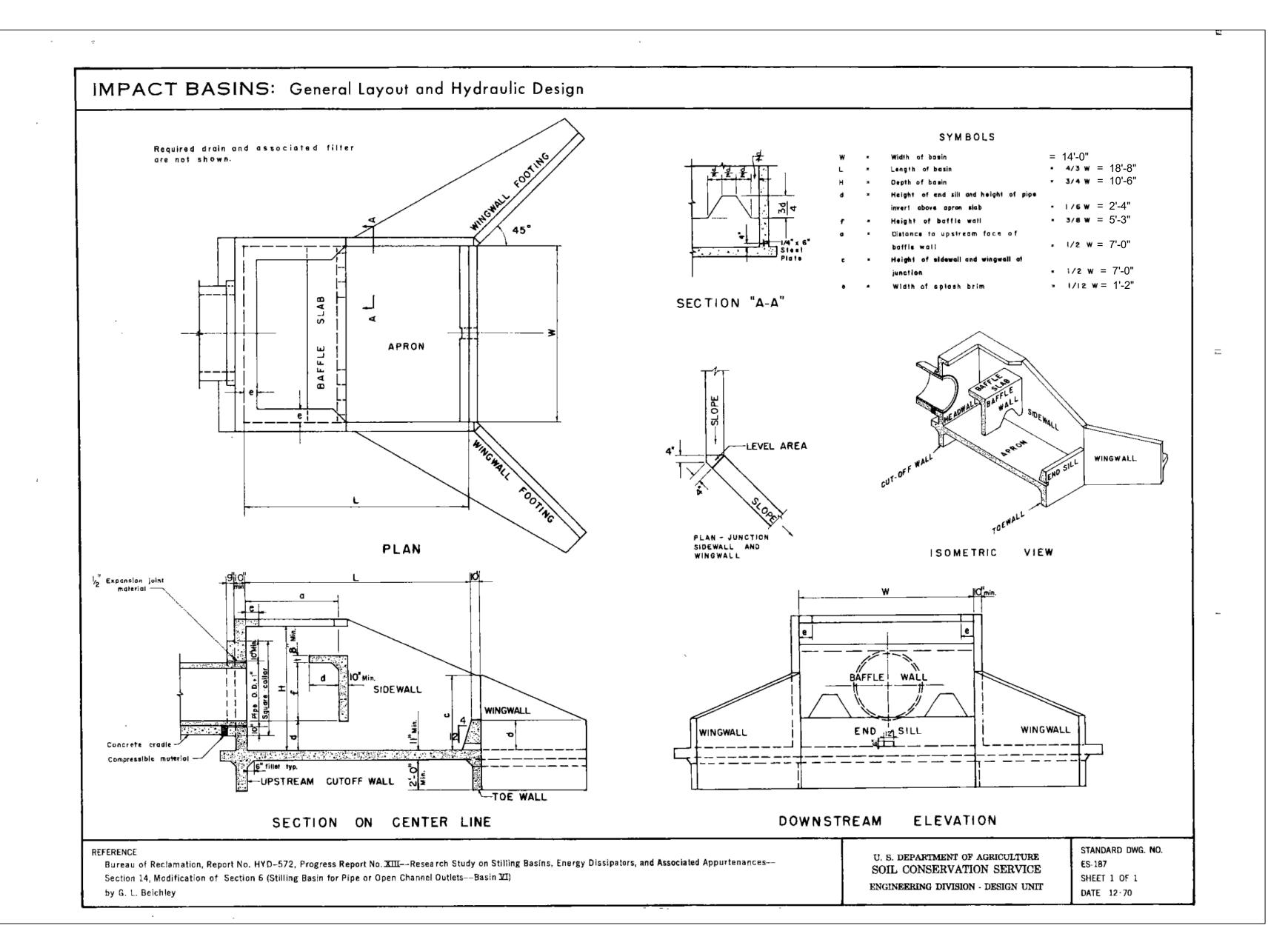
SEDIMENT FENCE (SILT FENCE) (SEE DETAIL EC-5 ON SHEET D4) (SEE DETAIL EC-6 ON SHEET D4)

> SEEDING (PERMANENT) (SEE DETAIL EC-7 ON SHEET D4) COIR FIBER MATTING (EROSION CONTROL MATTING)

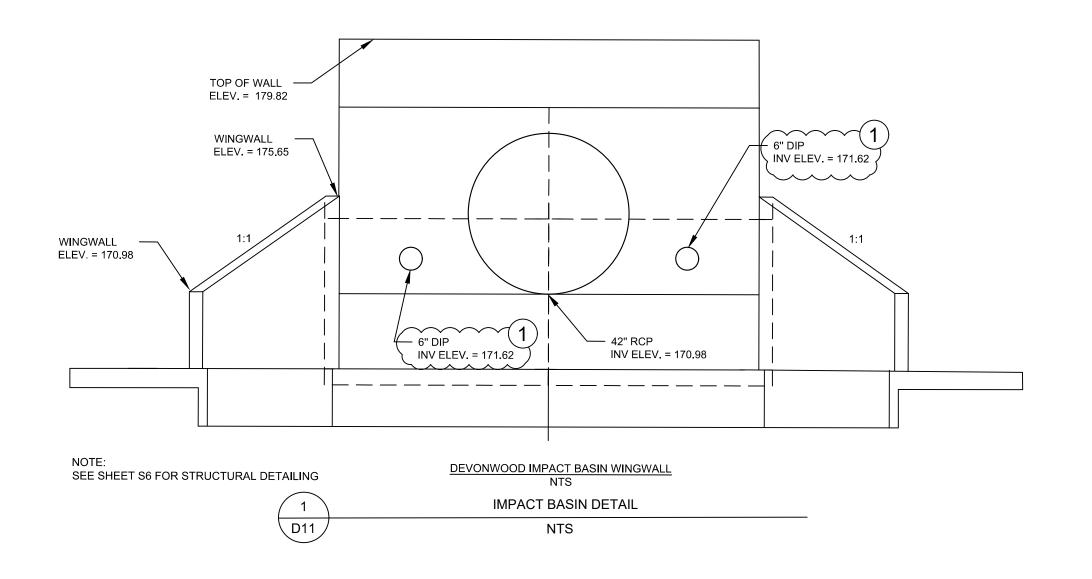
COFFER DAM OR EQUIVALENT (SEE DETAIL 1 ON SHEET D5)

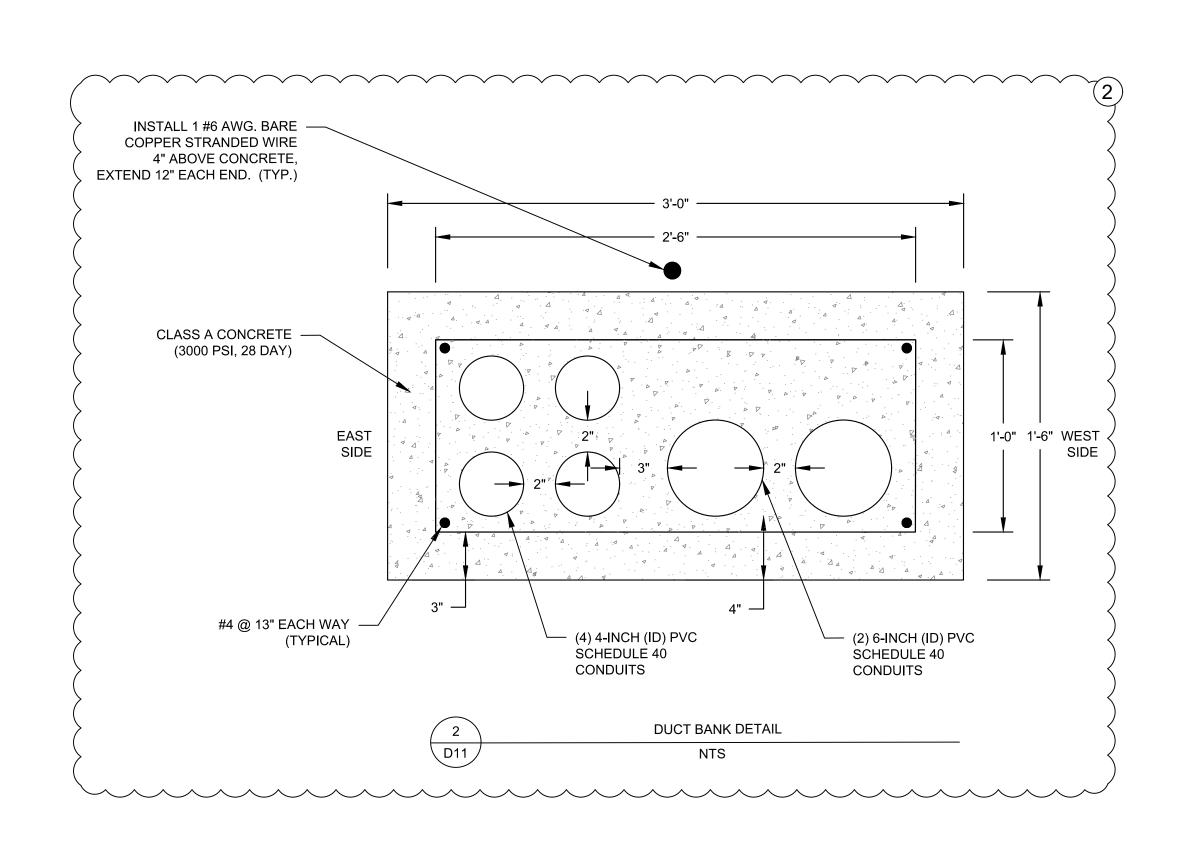
(SEE DETAIL 1631.01 ON SHEET D4)











# CONSTR FOR SED RELE

		2018012500RA	ECT NO.
12.	_	DAIE: AFR-19	
-		SCALE :	T. MURRAY
REV.	_	NAME : DEVONWOOD LOWER DAM	T. MURRAY

DRAFT

DEVONWOOD

PPROVED:	T. MURRAY	DATE:	APR-19
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PROTECT NO		2018012500RA	