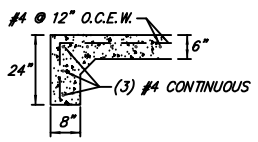
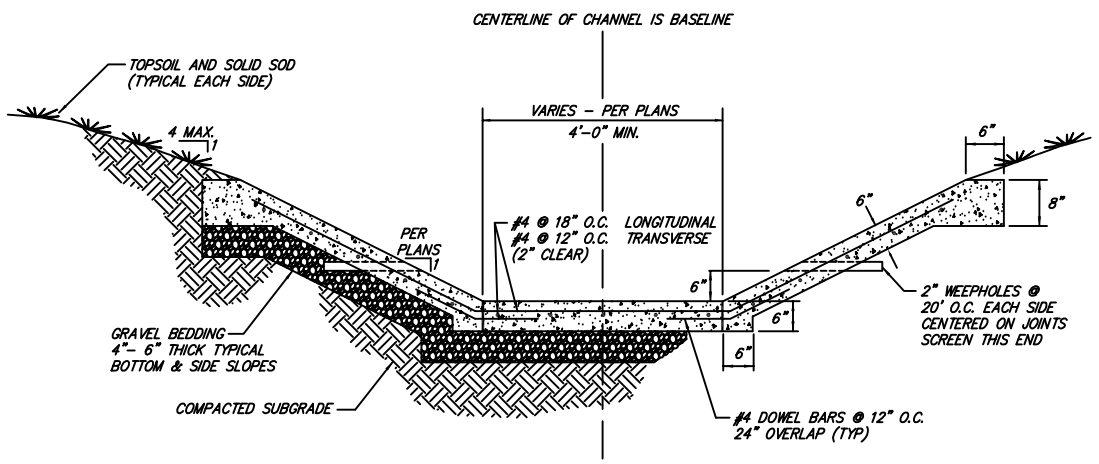


TURNDOWN @ END OF DITCH

NOTES:

1. ALL CONCRETE SHALL BE CLASS "AAA" 4000 psi.
2. ALL EXPOSED CONCRETE SHALL HAVE A RUBBED OR BROOMED FINISH.
3. ALL EXPOSED EDGES TO BE CHAMFERED 3/4".
4. PROVIDE TRANSVERSE CONTROL JOINTS @ 10' O.C. AS SHOWN IN DR.4.4
5. PROVIDE EXPANSION JOINTS EVERY 100 FEET. AS SHOWN IN DR.4.5
6. ON CHANNEL BOTTOMS 8'-0" WIDE OR GREATER, SLOPE BOTTOM 1/4" PER FT. TO THE CENTER OF THE CHANNEL.



CONCRETE DITCH PAVING

N.T.S.

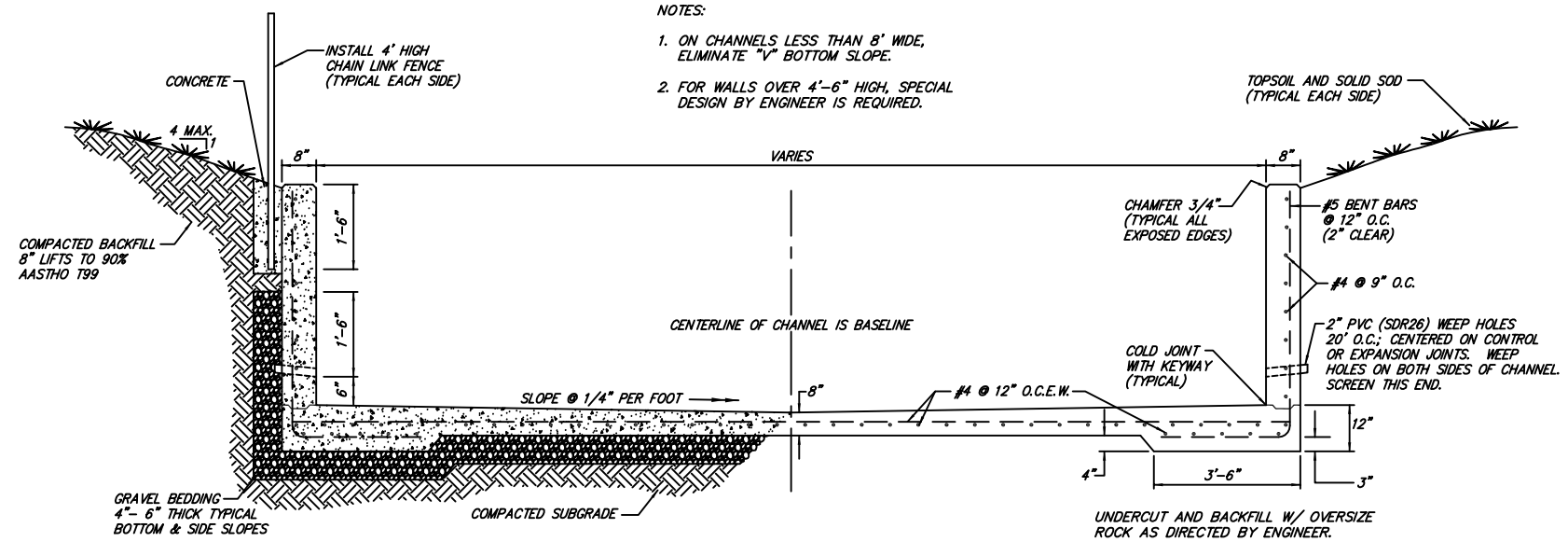
DR.4.1

NOTES:

1. ALL CONCRETE SHALL BE CLASS "AAA" 4000 psi.
2. ALL EXPOSED CONCRETE SHALL HAVE A RUBBED OR BROOMED FINISH.
3. ALL EXPOSED EDGES TO BE CHAMFERED 3/4".
4. PROVIDE TRANSVERSE CONTROL JOINTS @ 10' O.C. AS SHOWN IN DR.4.4
5. PROVIDE EXPANSION JOINTS EVERY 100 FEET. AS SHOWN IN DR.4.5
6. ON CHANNEL BOTTOMS 8'-0" WIDE OR GREATER, SLOPE BOTTOM 1/4" PER FT. TO THE CENTER OF THE CHANNEL.

NOTES:

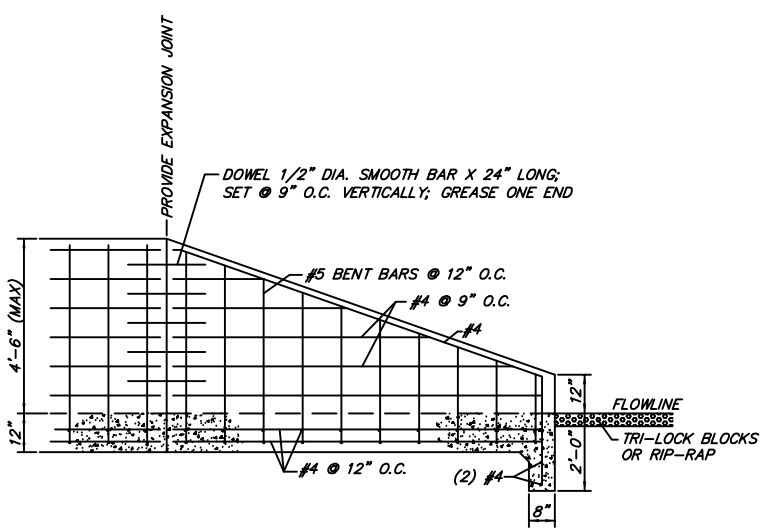
1. ON CHANNELS LESS THAN 8' WIDE, ELIMINATE "V" BOTTOM SLOPE.
2. FOR WALLS OVER 4'-6" HIGH, SPECIAL DESIGN BY ENGINEER IS REQUIRED.



CONCRETE CHANNEL

N.T.S.

DR.4.2

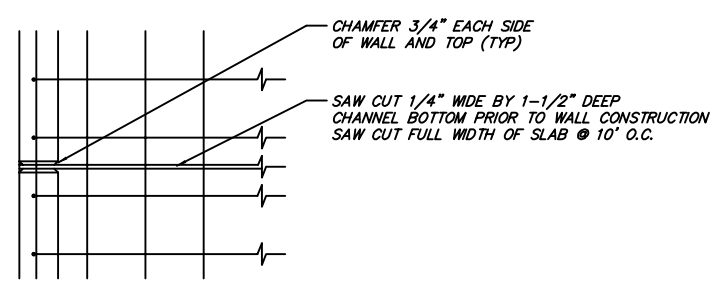


TRANSITION STRUCTURE

N.T.S.

DR.4.3

NOTE: REINFORCING CONTINUOUS THROUGH JOINT.

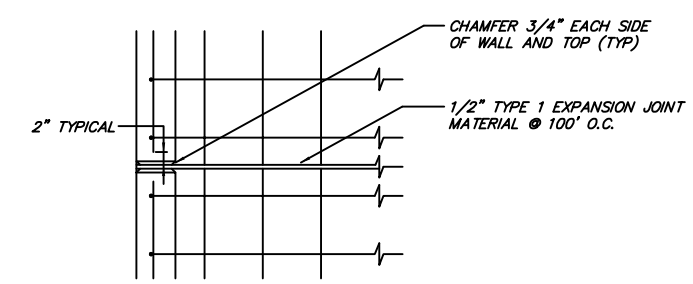


CONTROL JOINT

N.T.S.

DR.4.4

NOTE: REINFORCING IS NOT CONTINUOUS THROUGH JOINT.



EXPANSION JOINT

N.T.S.

DR.4.5

Revision	Date	BY
Revised Detail 4.4	OCT-2010	MM

Standard Drawings

DRAINAGE IMPROVEMENTS - CHANNELS

Public Works Construction

The City of Fort Smith ARKANSAS

CITY OF FORT SMITH
Engineering Department
623 Garrison Avenue, Room 409
Fort Smith, Arkansas 72901
Phone (479)784-2225 Fax (479)784-2245

Project:	Details
Date:	NOV 2012
Scale:	As Shown
Drawn By:	RBR
Dwg. No.:	DR4
Sheet No:	5

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