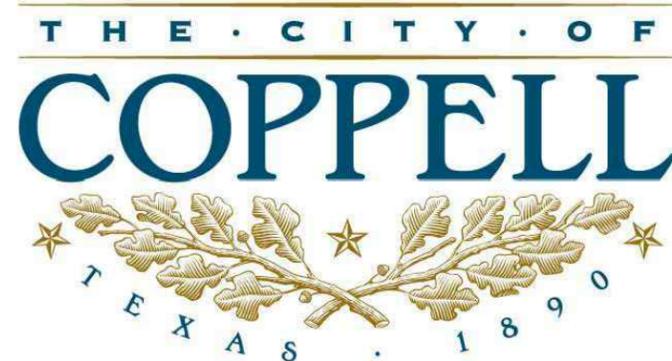


CITY OF COPPELL

DALLAS / DENTON COUNTY, TEXAS



STANDARD CONSTRUCTION DETAILS

REVISED JULY 01, 2014

CITY OF COPPELL ORDINANCE # 2006-1129

GENERAL NOTES

1. THESE STANDARD CONSTRUCTION DETAIL DRAWINGS ARE BASED ON THE STANDARD DRAWINGS PUBLISHED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) IN 1996. IN ADDITION TO NUMEROUS LOCAL EXCEPTIONS, MANY DETAILS IN THIS SET ARE UNIQUE TO THE CITY OF COPPELL. THESE STANDARD CONSTRUCTION DETAIL DRAWINGS SUPERSEDE ALL OTHER VERSIONS OF NCTCOG AND CITY OF COPPELL STANDARD CONSTRUCTION DETAILS. THE CITY OF COPPELL RESERVES THE RIGHT TO UPDATE, MODIFY OR SUPERSEDE THESE STANDARD CONSTRUCTION DETAIL DRAWINGS WITHOUT NOTICE. THE CITY OF COPPELL RESERVES THE RIGHT TO REQUIRE METHODS AND MATERIALS CONTRADICTORY TO THOSE SHOWN IN THESE DETAILS ON A CASE BY CASE BASIS.
2. THE CITY OF COPPELL HAS ADOPTED THE "Standard Specifications for Public Works Construction", 4TH EDITION, AS ITS BASIC CONSTRUCTION SPECIFICATIONS. THIS DOCUMENT IS AVAILABLE FOR PURCHASE FROM THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG), 616 SIX FLAGS DR., SUITE 200, P.O. BOX 5888, ARLINGTON TEXAS 76005-5888, PH. 817/640-3300, nctcog.org. THE CITY OF COPPELL RESERVES THE RIGHT TO MAKE LOCAL EXCEPTIONS TO ANY STANDARD SPECIFICATION.
3. WHERE THE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS DO NOT ADDRESS A SPECIFIC ITEM ADEQUATELY, REFER TO THE APPROPRIATE STANDARDS PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT), THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (T.M.U.T.C.D.), TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (T.C.E.Q.), TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (T.P.D.E.S.) GENERAL PERMIT, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O.), ASTM International AND THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A).
4. LOCAL, STATE AND FEDERAL ORDINANCES WHICH REGULATE DEVELOPMENT IN THE CITY OF COPPELL ARE:
 - a. CITY OF COPPELL SUBDIVISION ORDINANCE.
 - b. CITY OF COPPELL FLOODPLAIN ORDINANCE.
 - c. CITY OF COPPELL IMPACT FEE ORDINANCE.
 - d. CITY OF COPPELL EROSION CONTROL ORDINANCE.
 - e. CITY OF COPPELL ZONING ORDINANCE.
 - f. CITY OF COPPELL RIGHT-OF-WAY MANAGEMENT ORDINANCE.
 - g. CITY OF COPPELL TREE ORDINANCE
 - h. CITY OF COPPELL NOISE ORDINANCE
 - i. CITY OF COPPELL CITY-WIDE STORM WATER MANAGEMENT STUDY
 - j. TEXAS ACCESSIBILITY STANDARDS (T.A.S.)
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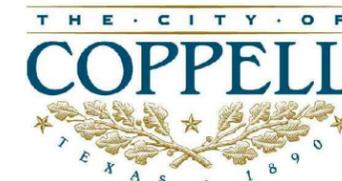


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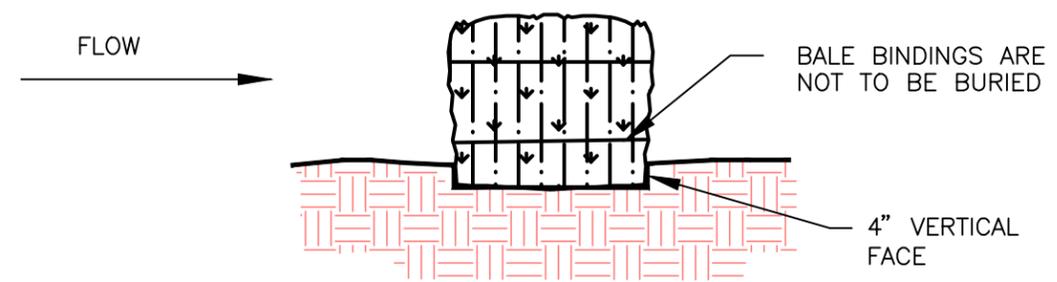
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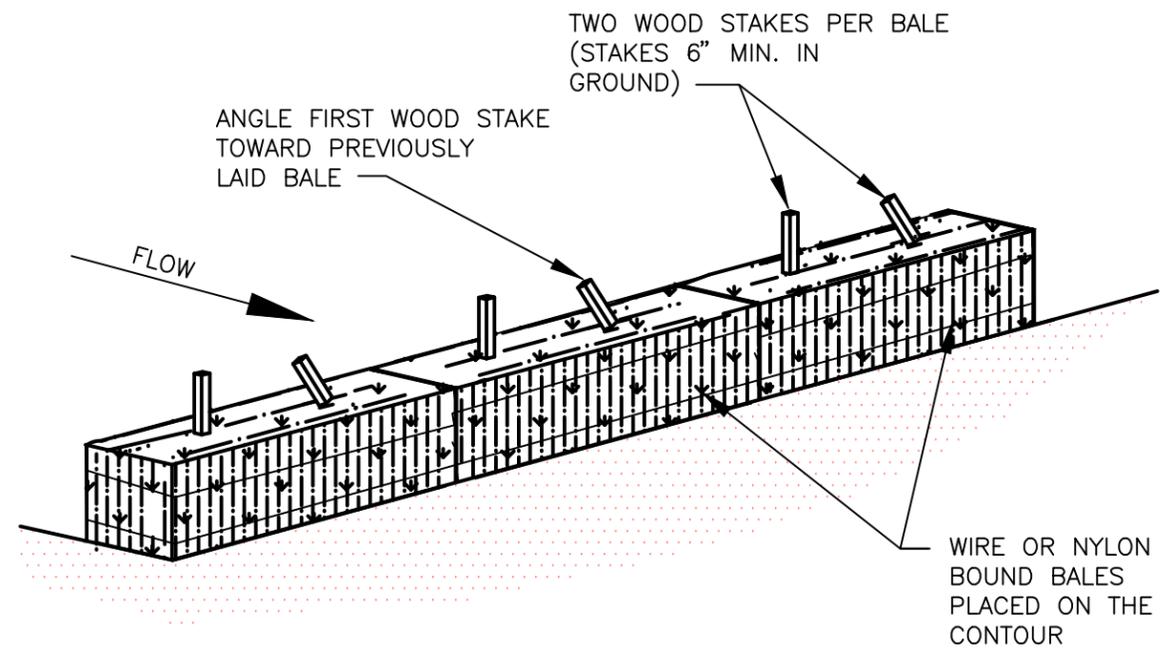
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EMBEDDING DETAIL
N.T.S.



ANCHORING DETAIL
N.T.S.

NOTES:

1. STRAW BALE DIKE IS NOT A PREFERRED METHOD OF SEDIMENT CONTROL, AND IS TO BE USED ONLY WHEN EVALUATED AND APPROVED ON A CASE BY CASE BASIS.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR INCHES.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY 2" X 2" WOOD STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER.
4. INSPECTION SHALL BE MADE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL EVENT. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
5. WHEN SILT REACHES A DEPTH OF 6 INCHES, IT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.
6. AFTER THE DISTURBED AREAS OF THE SITE ARE COMPLETELY STABILIZED, THE BALES SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED SPOIL DISPOSAL SITE.
7. STRAW BALE DIKE SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



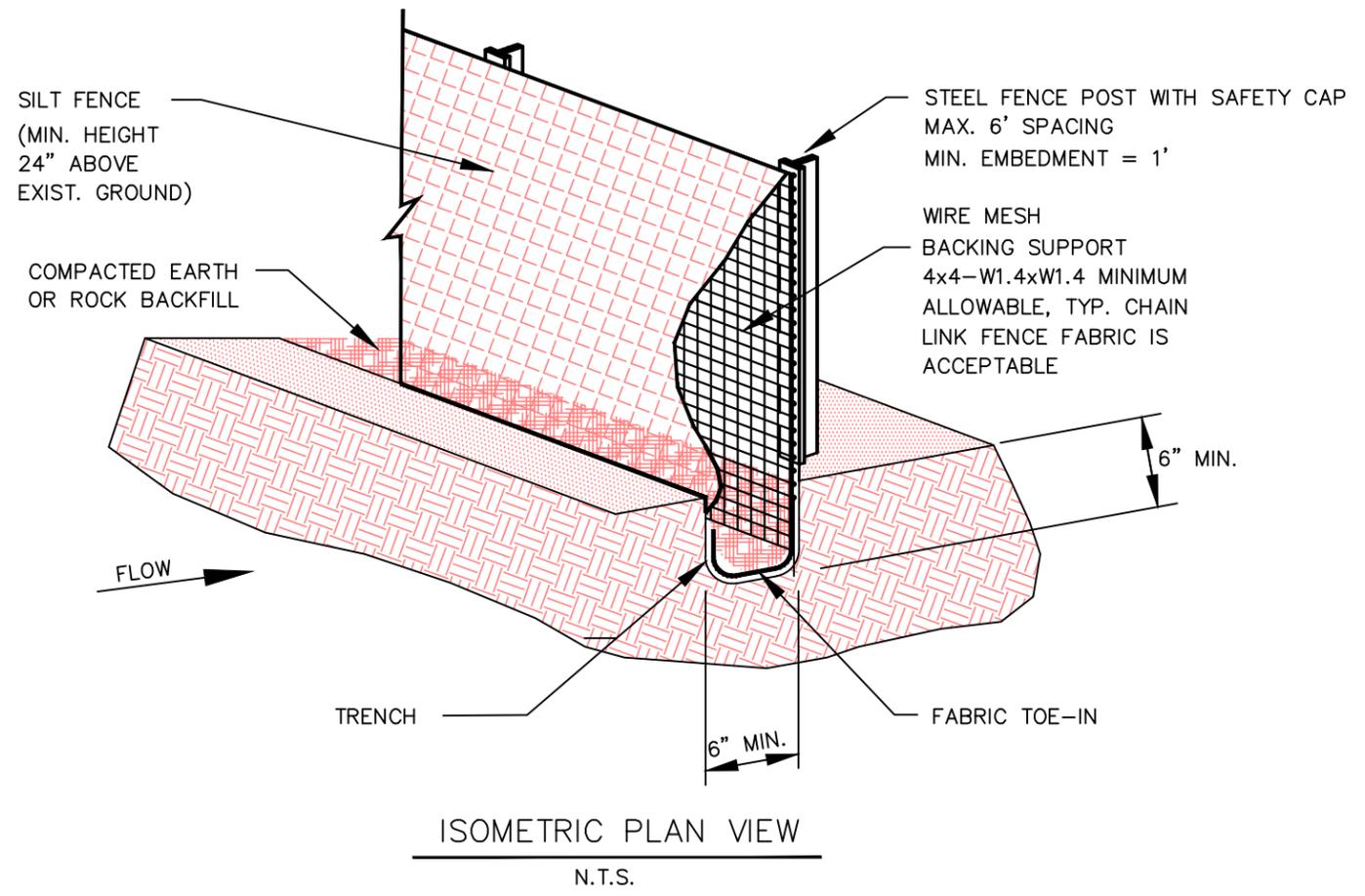
NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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					STANDARD CONSTRUCTION DETAILS EROSION AND SEDIMENTATION CONTROL STRAW BALE DIKE CITY OF COPPELL DALLAS COUNTY, TEXAS	STD. SPEC. REFERENCE
						STANDARD DETAIL 1010
NO.	LOCAL EXCEPTION	BY	DATE			

NOTES:

1. STEEL POSTS WITH SAFETY CAP WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. CONTRACTOR SHALL INSPECT SILT FENCE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.
8. SILT FENCING SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



ISOMETRIC PLAN VIEW
N.T.S.

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North Central Texas Council of Governments



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NO.	LOCAL EXCEPTION	BY	DATE

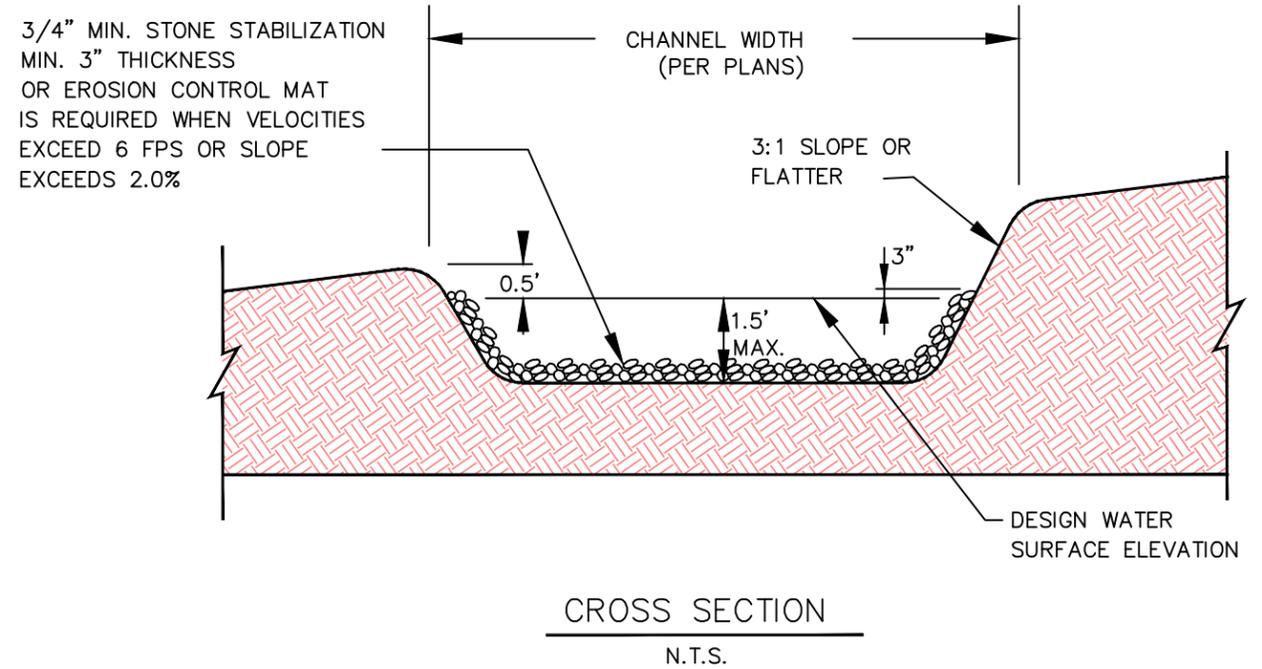
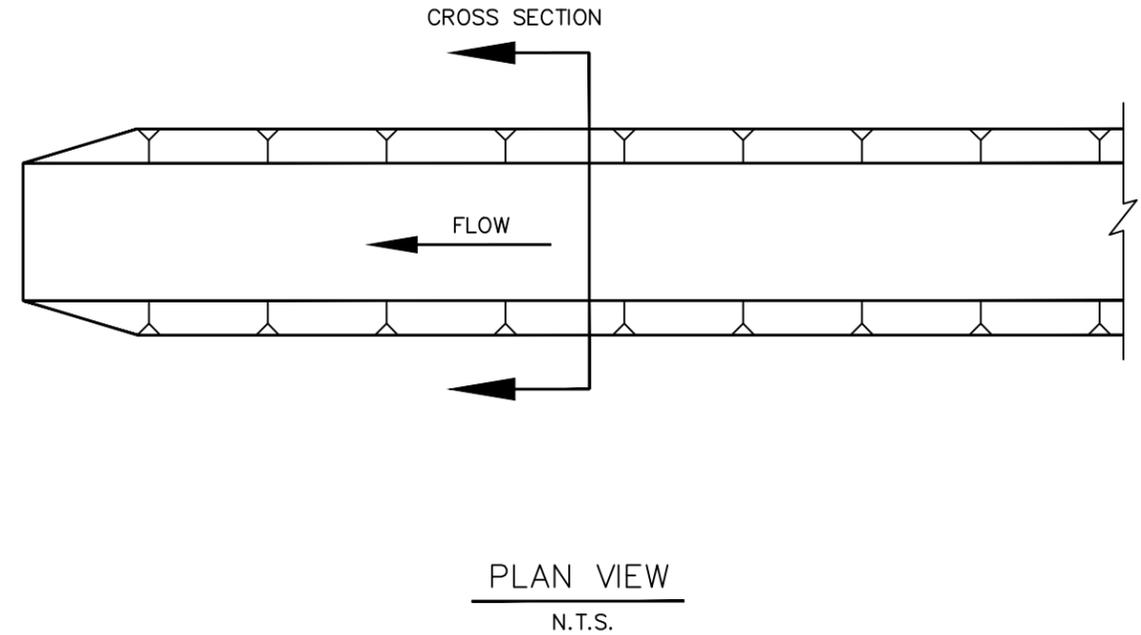


STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
SILT FENCE
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
201.5
STANDARD DETAIL
1020

NOTES:

1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
2. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS-SECTION AS REQUIRED TO MEET CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE DISPOSED OF IN AN APPROVED SPOILS SITE SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
4. DIVERTED RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
5. THE ON-SITE LOCATION MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS IN ORDER TO UTILIZE THE MOST SUITABLE OUTLET.
6. STABILIZATION IS REQUIRED WHEN VELOCITIES EXCEED 6 FEET PER SECOND OR WHEN GRADES EXCEED 2.0%. STABILIZATION SHALL BE 3/4" MIN. CRUSHED STONE PLACED IN A LAYER OF AT LEAST 3 INCHES THICKNESS OR HIGH VELOCITY EROSION CONTROL MAT INVEGETATION MAY BE USED FOR VELOCITIES LESS THAN 6 FEET PER SECOND.
7. MINIMUM COMPACTION FOR THE SWALE SHALL BE 90 PERCENT STANDARD PROCTOR DENSITY.
8. SWALE SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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NO.	LOCAL EXCEPTION	BY	DATE



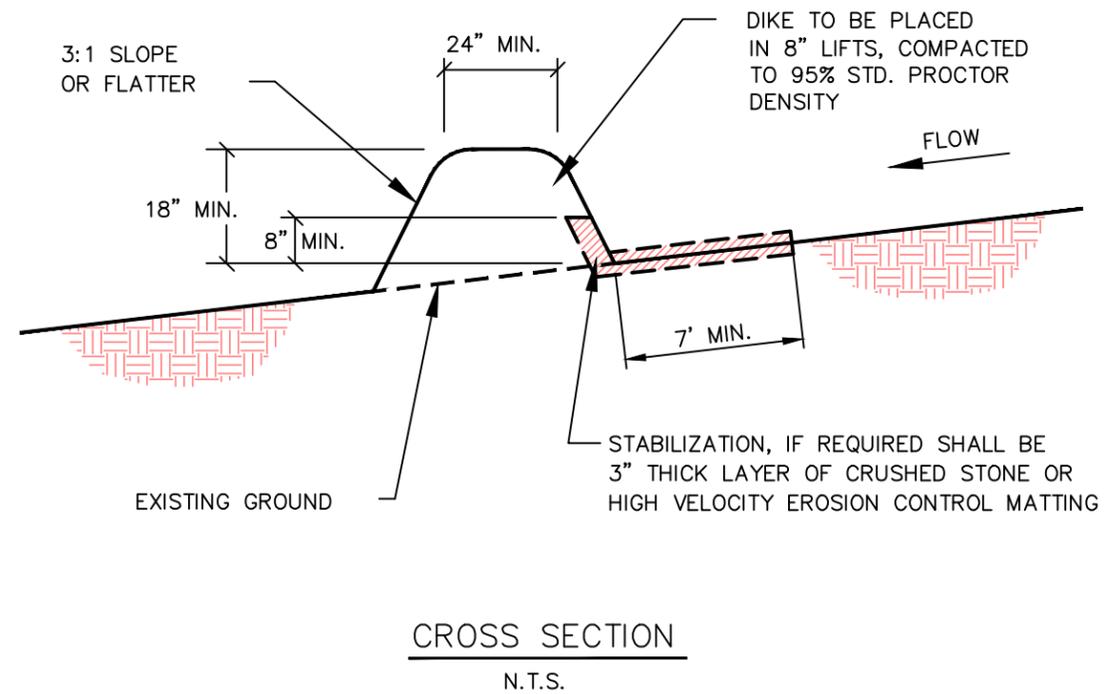
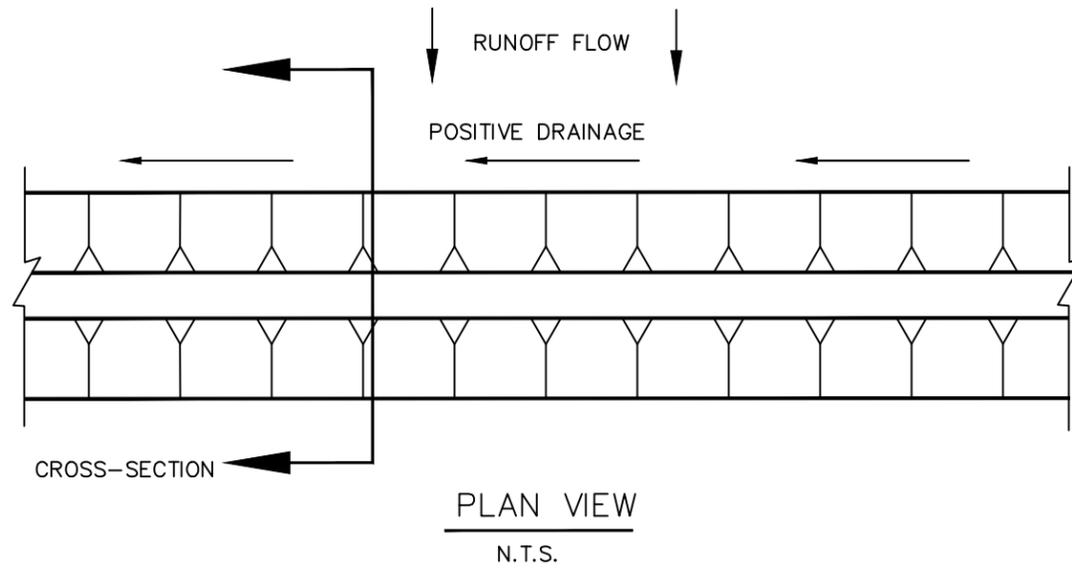
STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
INTERCEPTOR SWALE
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.6
 STANDARD DETAIL
1030

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NOTES:

1. ALL DIKES SHALL BE PLACED IN 8" LIFTS OR LESS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
2. ALL DIVERSION DIKES SHALL HAVE POSITIVE DRAINAGE TO A CONTROLLED OUTLET.
3. DIVERTED RUNOFF FROM A PROTECTED OR STABILIZED AREA SHALL ITS OUTLET FLOW DIRECTED TO AN UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER OR GRADE STABILIZATION STRUCTURE.
4. DIVERTED RUNOFF FROM A DISTURBED OR EXPOSED AREA SHALL BE CONVEYED TO SEDIMENT TRAP SUCH AS A ROCK BERM, TEMPORARY SEDIMENT TRAP OR SEDIMENT BASIN OR TO AN AREA PROTECTED BY ANY OF THESE MEASURES.
5. STABILIZATION IS REQUIRED WHEN VELOCITIES EXCEED 6 FEET PER SECOND OR WHEN GRADES EXCEED 2.0%. STABILIZATION SHALL BE CRUSHED STONE PLACED IN A LAYER OF AT LEAST 3 INCHES THICKNESS OR HIGH VELOCITY EROSION CONTROL MATTING. VEGETATION MAY BE USED FOR VELOCITIES LESS THAN 6 FEET PER SECOND.
6. CONTRACTOR SHALL INSPECT DIVERSION DIKE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
7. DIVERSION DIKE SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
DIVERSION DIKE

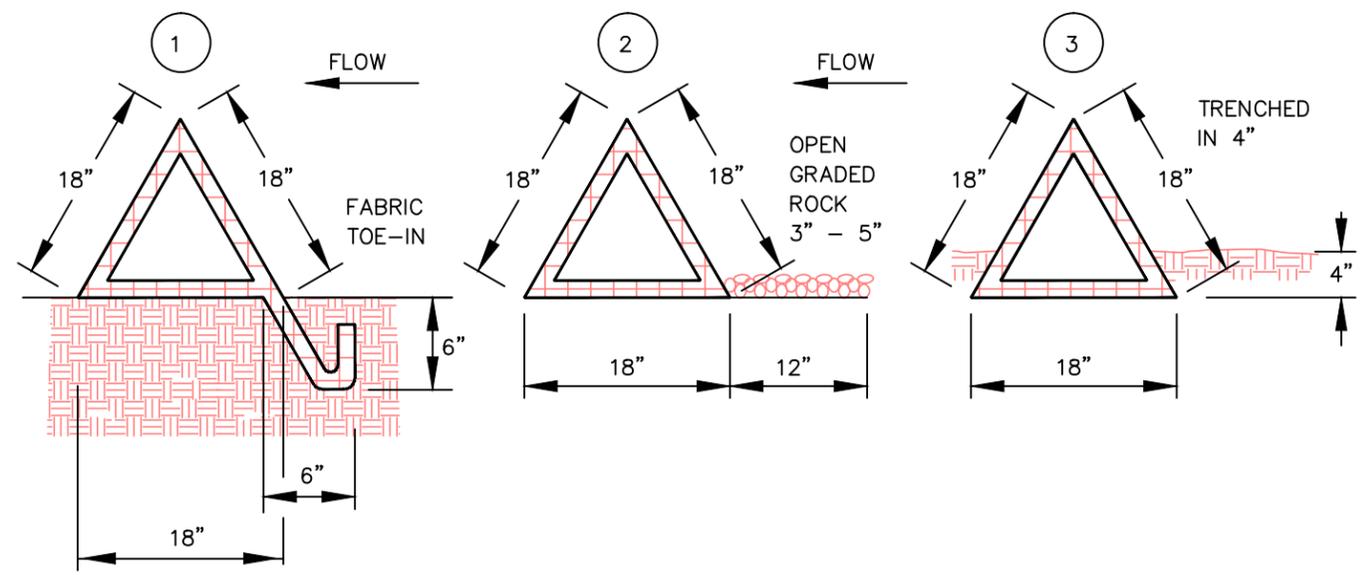
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.7
 STANDARD DETAIL
1040

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NOTES:

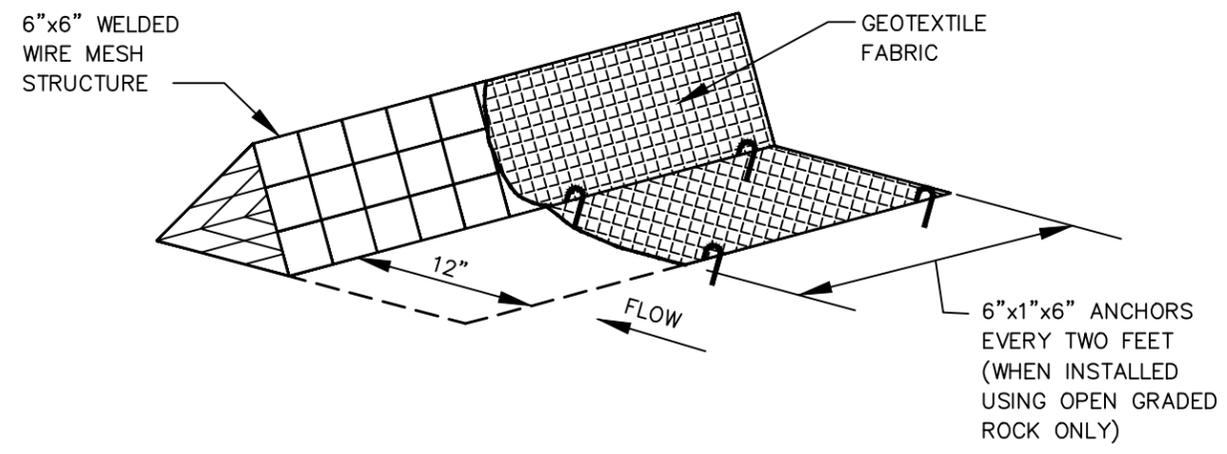
1. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT DIKE.
2. THE FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE FABRIC ON THE UPSTREAM FACE, AND FABRIC SHALL BE OVERLAPPED A MINIMUM OF 12".
3. THE SKIRT SHALL BE WEIGHTED WITH A CONTINUOUS LAYER OF TYPE 'A' RIP RAP, OR TOED-IN 6" WITH MECHANICALLY COMPACTED MATERIAL. OTHERWISE, THE ENTIRE STRUCTURE SHALL BE TRENCHED TO A DEPTH OF 4 INCHES.
4. DIKES AND SKIRT SHALL BE SECURELY ANCHORED IN PLACE USING 6-INCH WIRE STAPLES ON 2-FOOT CENTERS ON BOTH EDGES AND SKIRTS.
5. FILTER MATERIAL SHALL BE LAPPED OVER ENDS 6" TO COVER DIKE TO DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
6. THE DIKE STRUCTURE SHALL BE 6 GA. 6" X 6" WIRE MESH, 18" ON A SIDE.
7. CONTRACTOR SHALL INSPECT FILTER DIKE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE DIKE, AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
9. AFTER THE DISTURBED AREAS OF THE SITE ARE COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN NO. 8 ABOVE.
10. FILTER DIKE SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



CROSS SECTION OF INSTALLATION OPTIONS

N.T.S.

1. TOE-IN 6" MIN.
2. WEIGHTED W/ 3" - 5" OPEN GRADED ROCK
3. TRENCHED IN 4"



ISOMETRIC PLAN VIEW

N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE



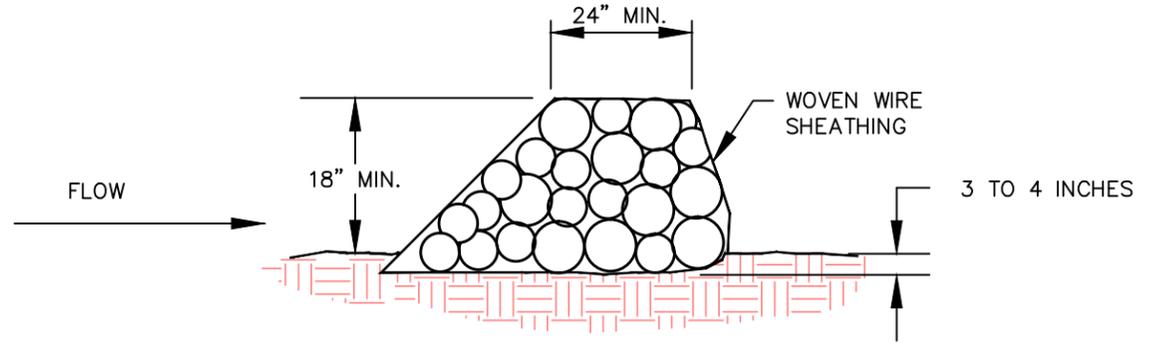
STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
TRIANGULAR SEDIMENT FILTER DIKE
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.8
 STANDARD DETAIL
1050

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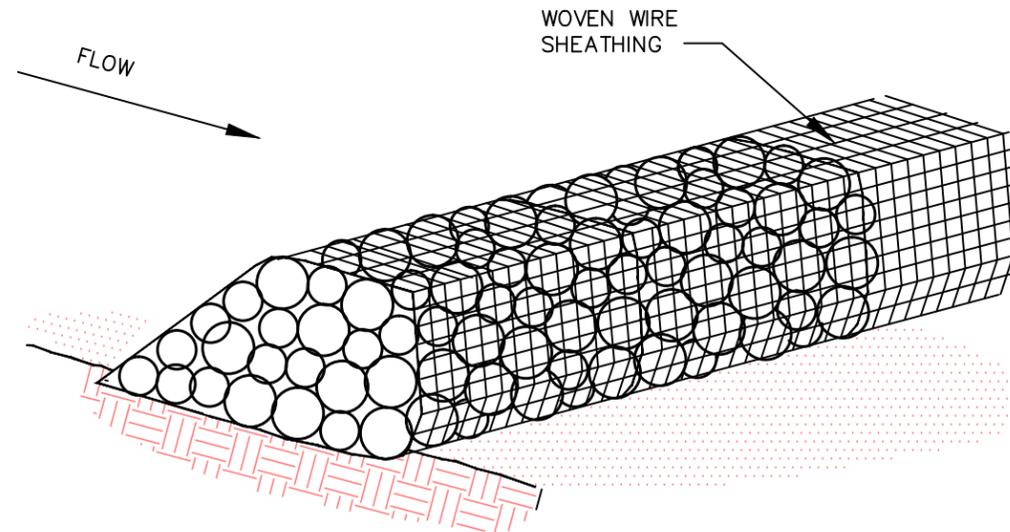
NOTES:

1. USE ONLY OPEN GRADED ROCK 4-8 INCHES IN DIAMETER FOR STREAM FLOW CONDITION. USE OPEN GRADED ROCK 3-5 INCHES IN DIAMETER FOR OTHER CONDITIONS.
2. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING A MAXIMUM OPENING OF 1 INCH AND A MINIMUM WIRE SIZE OF 20 GAUGE AND SHALL BE BURIED IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP.
3. THE ROCK BERM SHALL BE INSPECTED EVERY TWO WEEKS OR AFTER EACH 1/2" RAIN EVENT AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD OF THE HEIGHT OF THE BERM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF PROPERLY.
5. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.
6. ROCK BERM SHOULD BE USED AS CHECK DAMS FOR CONCENTRATED FLOW AND ARE NOT INTENDED FOR USE IN PERIMETER PROTECTION.
7. ROCK BERM SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



CROSS SECTION

N.T.S.



ISOMETRIC PLAN VIEW

N.T.S.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS

EROSION AND SEDIMENTATION CONTROL
ROCK BERM

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE

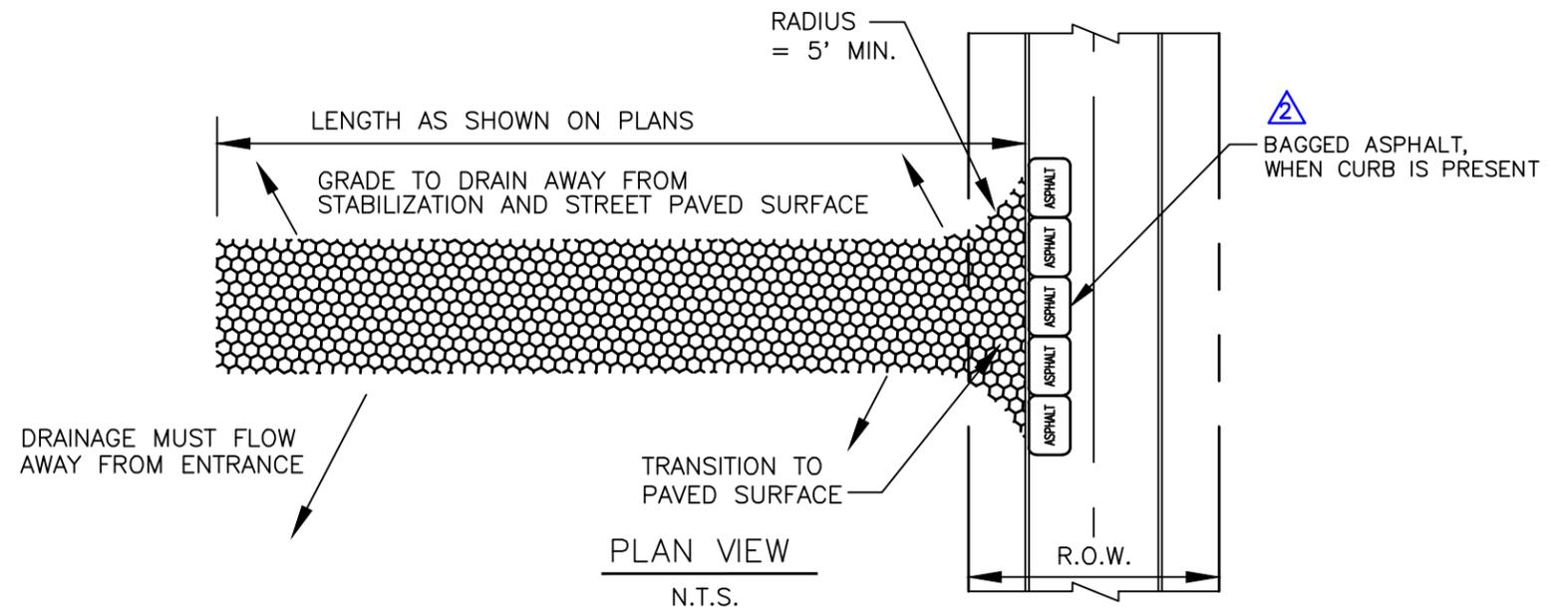
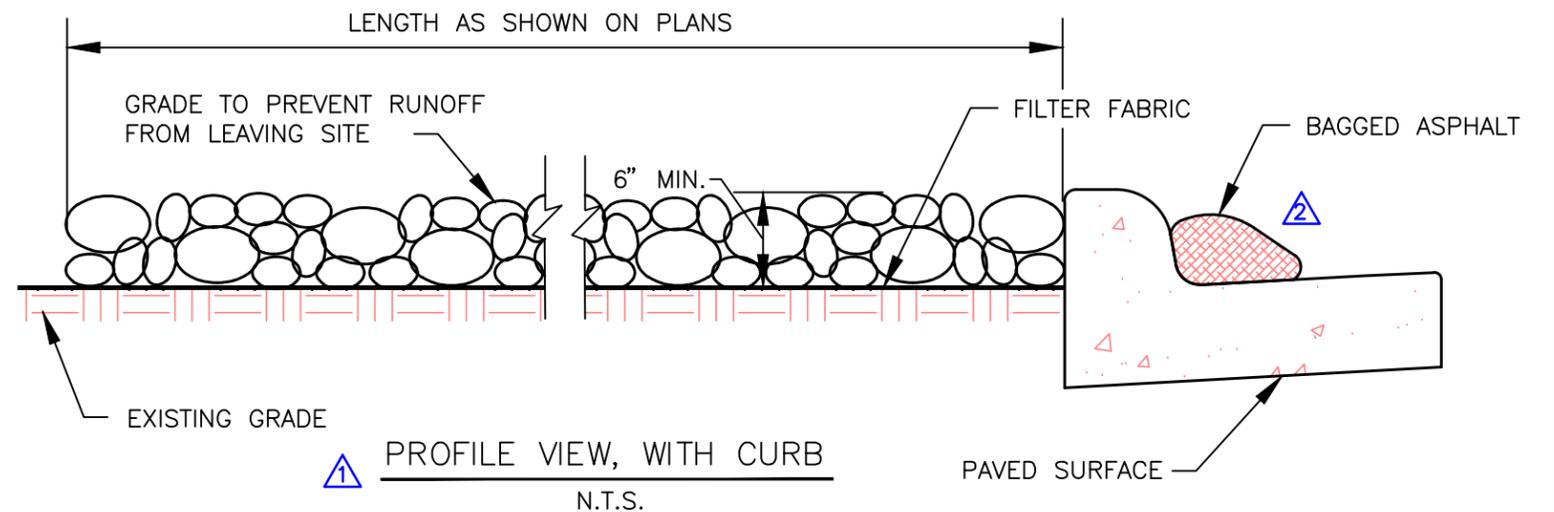
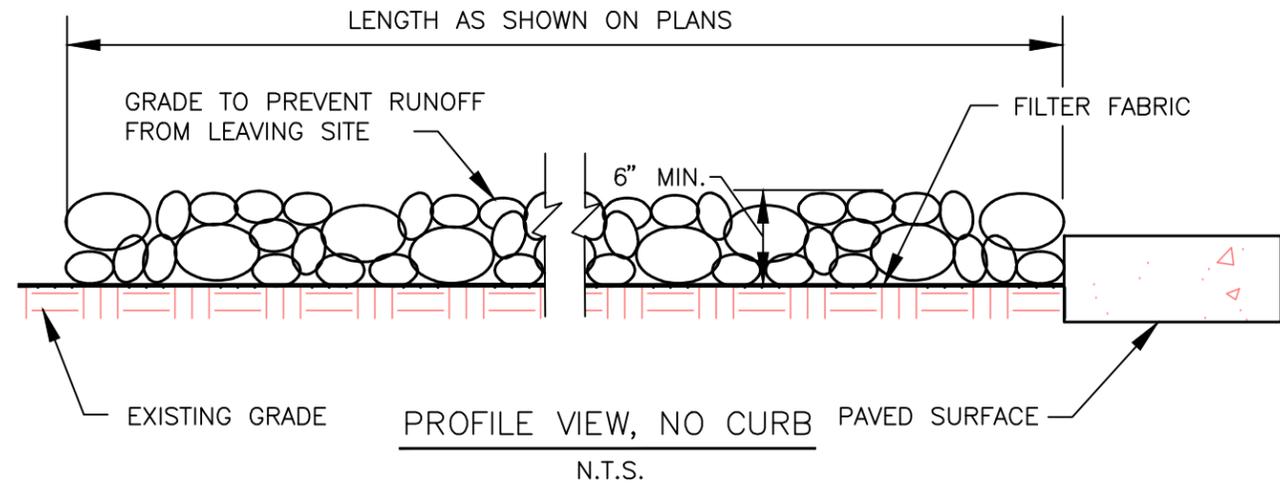
201.9

STANDARD DETAIL

1060

NOTES:

1. STONE SHALL BE 3 TO 5 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.
2. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.
3. THE THICKNESS SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
8. CONSTRUCTION ENTRANCE SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.
9. DAMAGED CURB SHALL BE REPAIRED PER STANDARD CONSTRUCTION DETAIL 2120.
10. DRAINAGE IN GUTTERLINE MUST BE MAINTAINED AT ALL TIMES.



North Central Texas Council of Governments



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NO.	LOCAL EXCEPTION	BY	DATE
3	ADD NOTES 9 AND 10.	SWL	JUL. '14
2	ADD BAGGED ASPHALT REQUIREMENT.	SWL	JUL. '14
1	ADD PROFILE VIEW WITH CURB.	SWL	JUL. '14

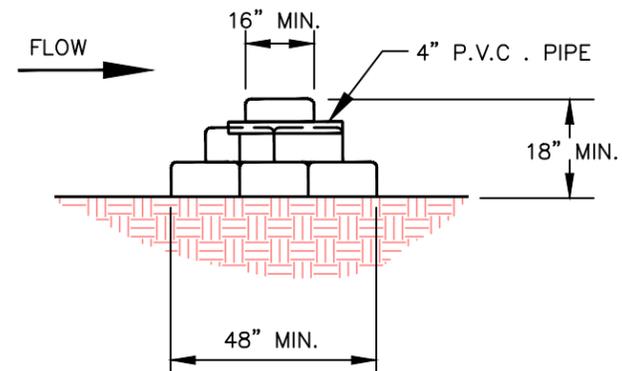


STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
STABILIZED CONSTRUCTION ENTRANCE
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201., 203.
 STANDARD DETAIL
1070

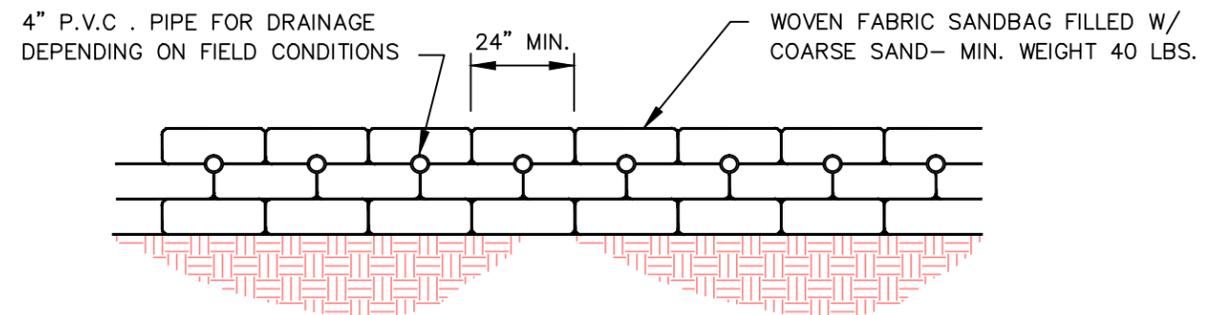
NOTES:

1. WHEN A SANDBAG IS FILLED WITH MATERIAL, THE OPEN END OF THE SANDBAG SHOULD BE STAPLED OR TIED WITH NYLON OR POLY CORD.
2. SANDBAGS SHOULD BE STACKED IN AT LEAST THREE ROWS ABUTTING EACH OTHER, AND IN STAGGERED ARRANGEMENT.
3. THE BASE OF THE BERM SHOULD HAVE AT LEAST 3 SANDBAGS. THESE CAN BE REDUCED TO 2 AND 1 BAG IN THE SECOND AND THIRD ROWS RESPECTIVELY.
4. FOR EACH ADDITIONAL 6" OF HEIGHT, AN ADDITIONAL SANDBAG MUST BE ADDED TO EACH ROW WIDTH.
5. THE SANDBAG BERM SHALL BE INSPECTED AFTER EACH 1/2" RAIN EVENT AND SHALL BE RESHAPED OR REPLACED AS NEEDED DURING INSPECTION. REPAIRS SHALL BE MADE FOR WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.
6. WHEN SILT REACHES A DEPTH EQUAL TO 6 INCHES (THE HEIGHT OF ONE SANDBAG), THE SILT SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CREATE A SILTATION PROBLEM.
7. WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.
8. SANDBAG BERM SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.



CROSS SECTION

N.T.S.



PROFILE VIEW

N.T.S.

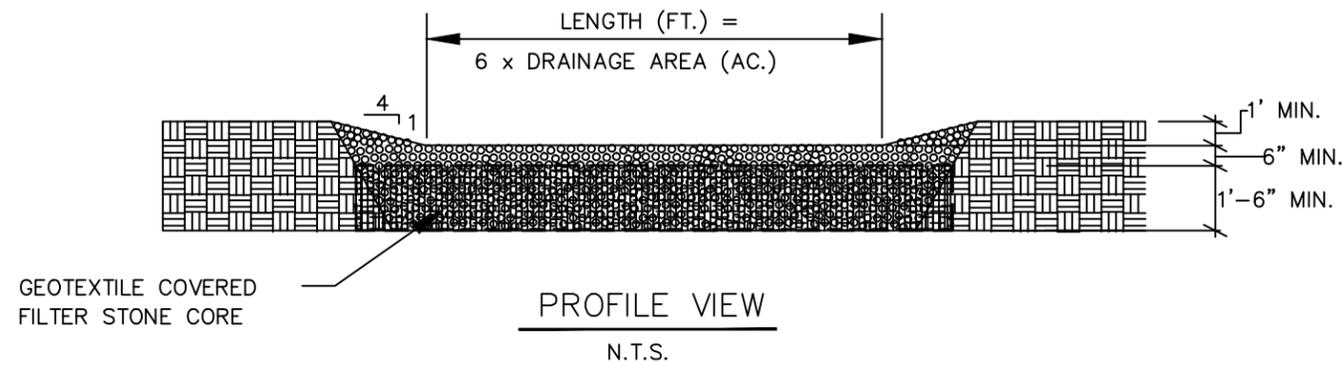
North Central Texas Council of Governments



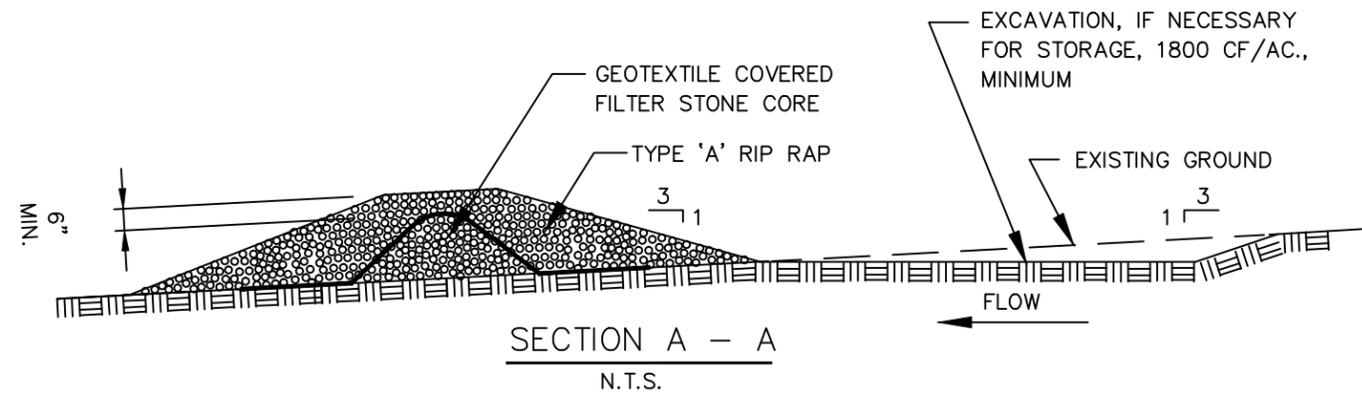
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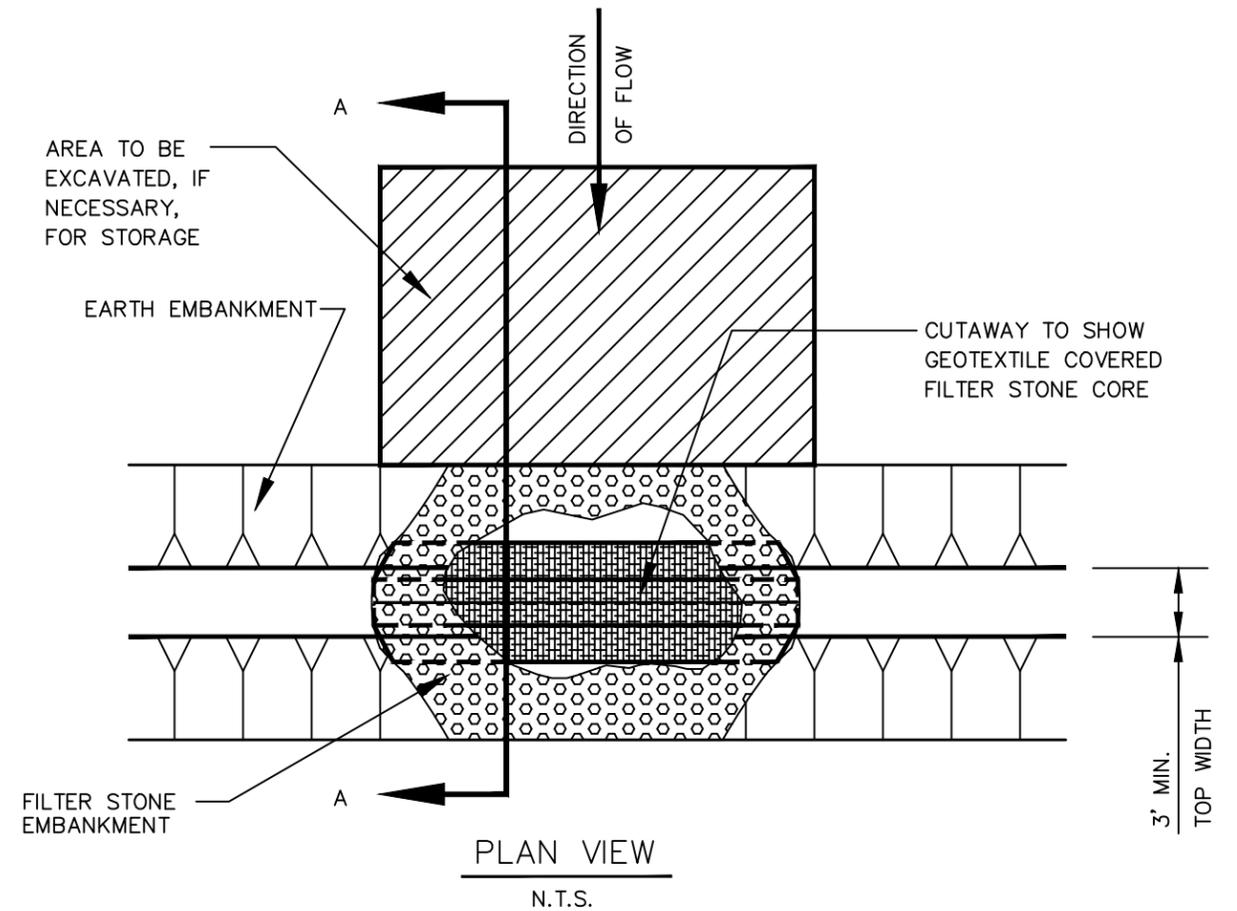
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						STANDARD DETAIL 1080
NO.	LOCAL EXCEPTION	BY	DATE			



PROFILE VIEW
N.T.S.



SECTION A - A
N.T.S.



PLAN VIEW
N.T.S.

NOTE:

STONE OUTLET SEDIMENT TRAP SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



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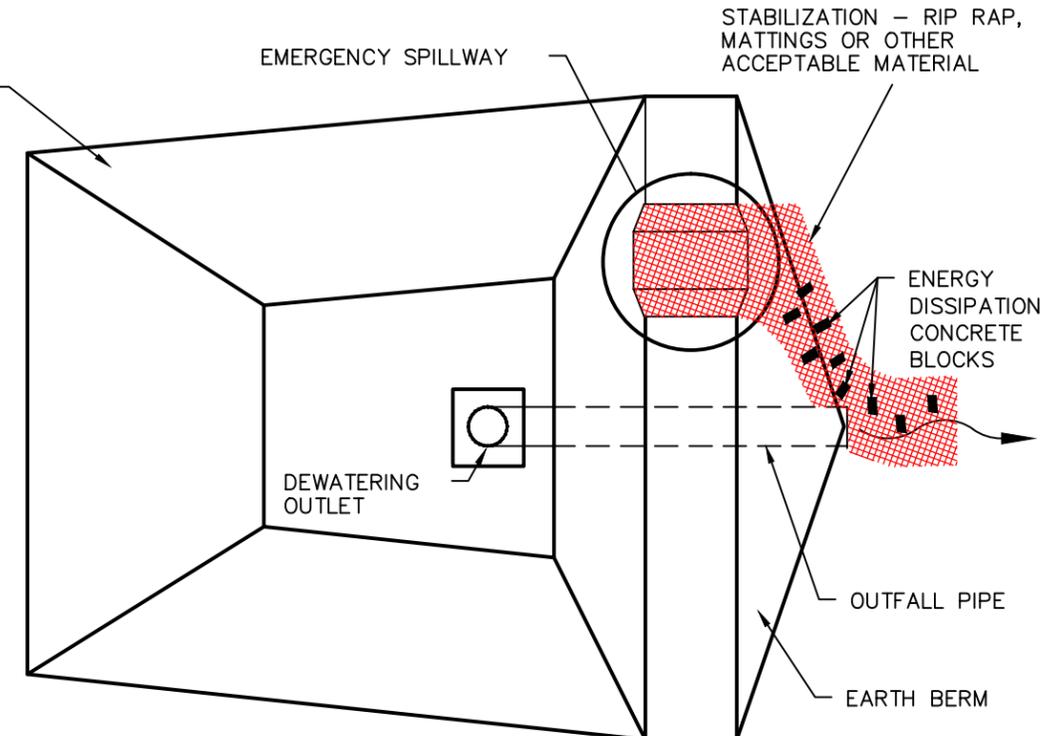
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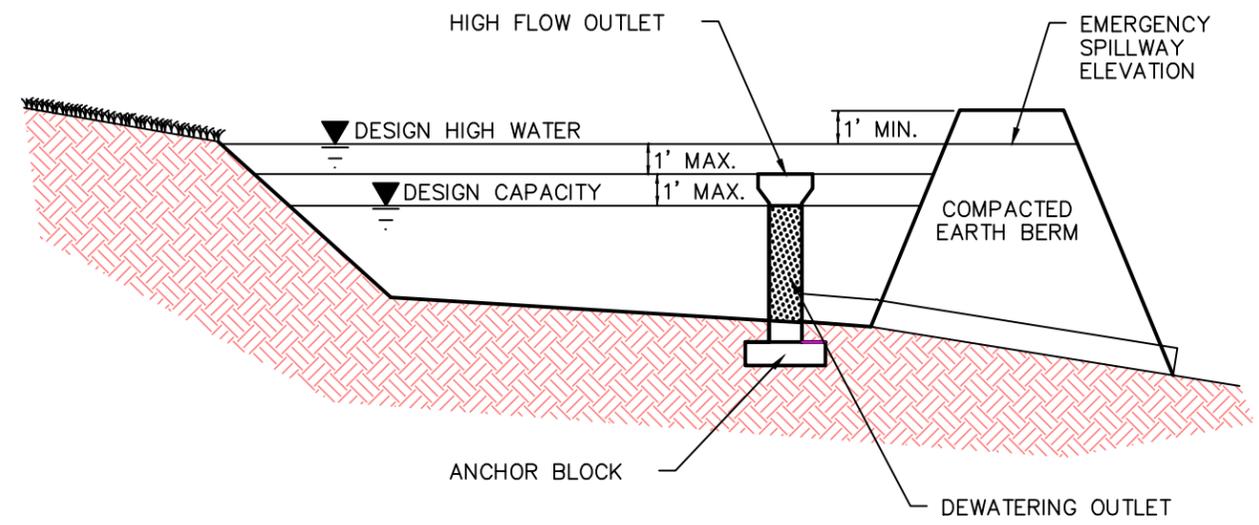
STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
STONE OUTLET SEDIMENT TRAP
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.
 STANDARD DETAIL
1090

EXCAVATED AREA FOR STORAGE AS NECESSARY, SHAPE MAY VARY.



PLAN VIEW
N.T.S.



CROSS SECTION
N.T.S.

NOTES:

1. MAXIMUM DRAINAGE AREA CONTRIBUTING TO THE BASIN SHALL BE 10 ACRES.
2. MINIMUM CAPACITY OF THE BASIN SHALL PROVIDE STORAGE FOR THE CALCULATED VOLUME OF RUNOFF FROM A 2-YEAR, 24-HOUR STORM PER DISTURBED ACRE OF DRAINAGE AREA. WHERE NO SUCH CALCULATION HAS BEEN PERFORMED, THE MINIMUM CAPACITY OF THE BASIN SHALL BE 3600 CUBIC FEET PER DISTURBED ACRE OF CONTRIBUTING DRAINAGE AREA.
3. SEDIMENT BASIN SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

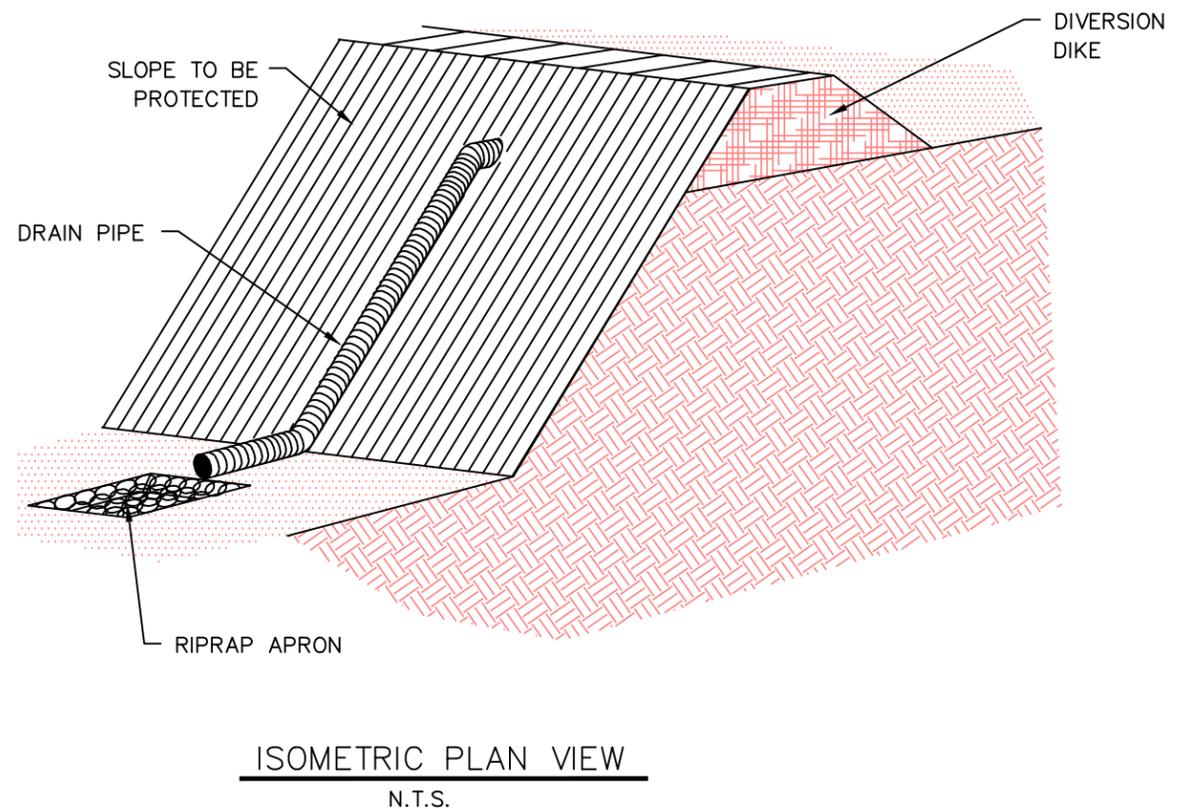
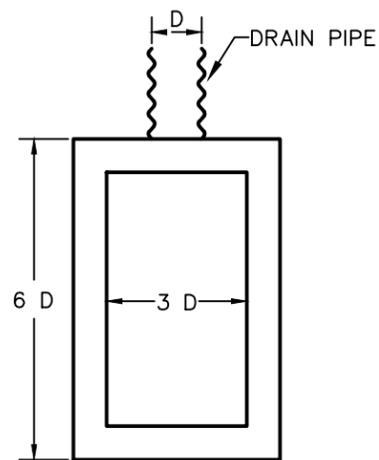
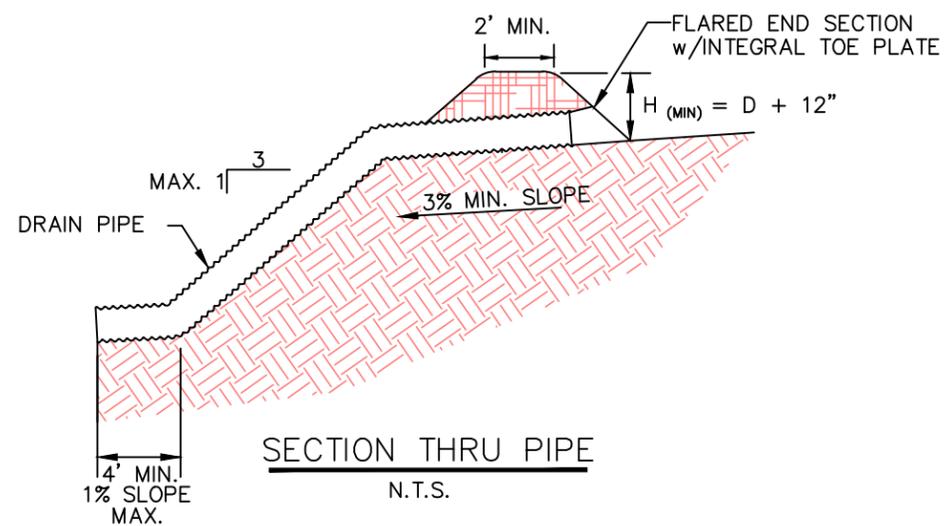
North Central Texas Council of Governments



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					STANDARD CONSTRUCTION DETAILS		STD. SPEC. REFERENCE
					EROSION AND SEDIMENTATION CONTROL SEDIMENT BASIN		STANDARD DETAIL 1100
NO.	LOCAL EXCEPTION	BY	DATE	CITY OF COPPELL DALLAS COUNTY, TEXAS			



NOTES:

1. RIPRAP SHALL CONSIST OF 50 TO 150 POUND STONES PLACED IN A LAYER OF NOT LESS THAN 12 INCHES. THE DEPTH OF THE APRON SHALL EQUAL THE PIPE DIAMETER, BUT IN NO CASE SHALL IT BE LESS THAN 12 INCHES IN DEPTH.
2. PIPE SLOPE DRAIN SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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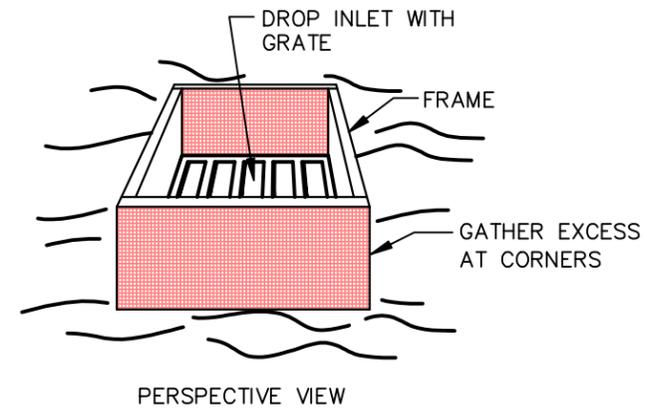
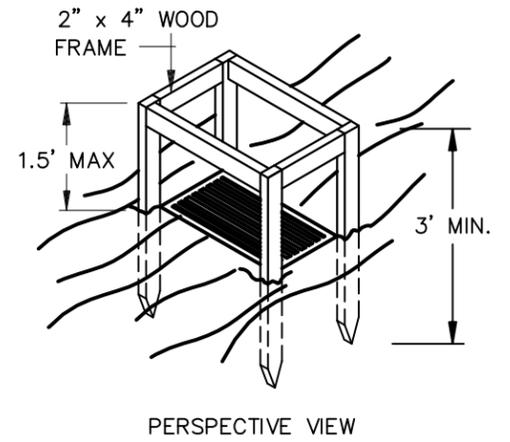
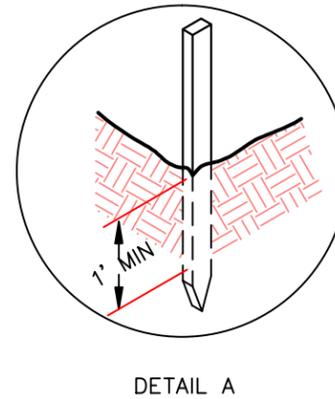
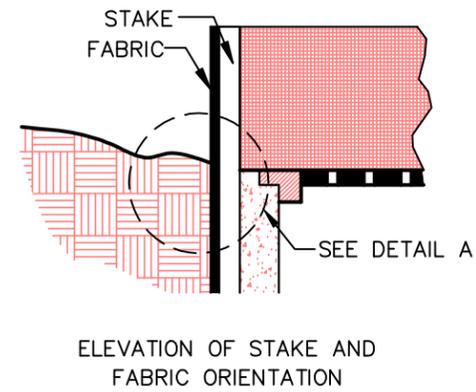
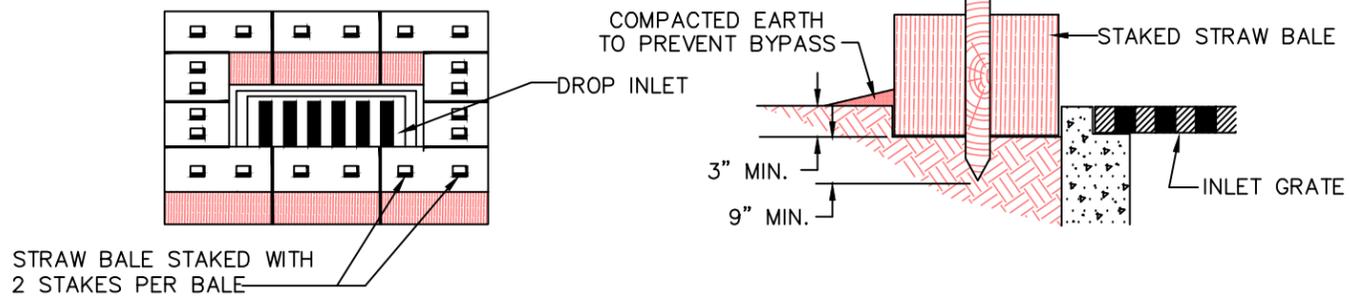
NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
PIPE SLOPE DRAIN

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
201.
STANDARD DETAIL
1110



SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT TO EXCEED 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREETS OR HIGHWAY MEDIANS.

I. STANDARD INSTALLATION

STRAW BALE PROTECTION

N.T.S.

II. ALTERNATE INSTALLATION

FILTER FABRIC PROTECTION

N.T.S.

NOTE:

GRATE INLET FILTER BARRIER SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

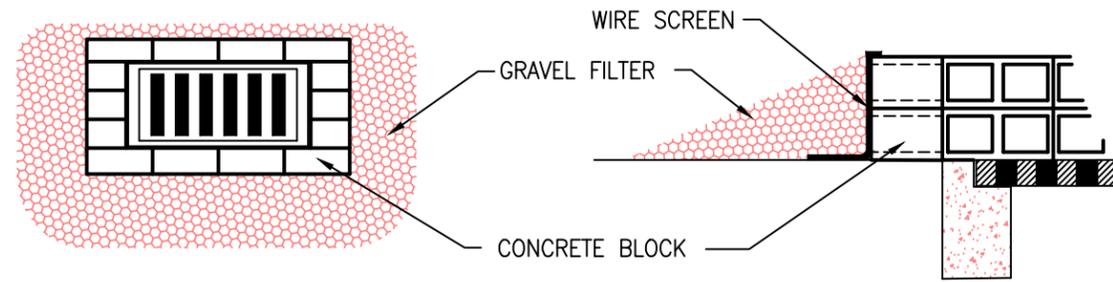
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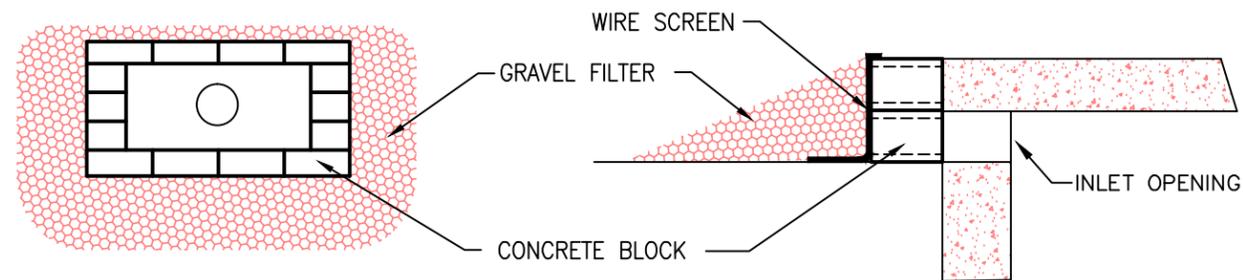
STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
GRATE INLET FILTER BARRIER
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.
 STANDARD DETAIL
1120



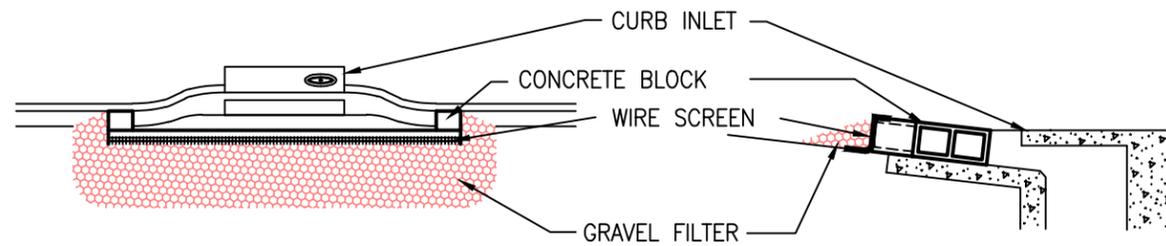
GRATE INLET PROTECTION

N.T.S.



DROP INLET PROTECTION

N.T.S.



CURB INLET PROTECTION (SHALL NOT BE USED IN ROADWAY)

N.T.S.

NOTE:

INLET PROTECTION SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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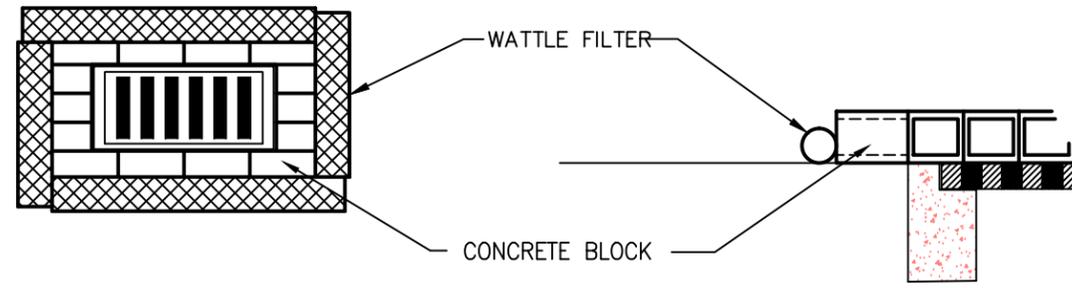
EROSION AND SEDIMENTATION CONTROL
INLET PROTECTION: BLOCK AND GRAVEL

CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC.
REFERENCE
201.

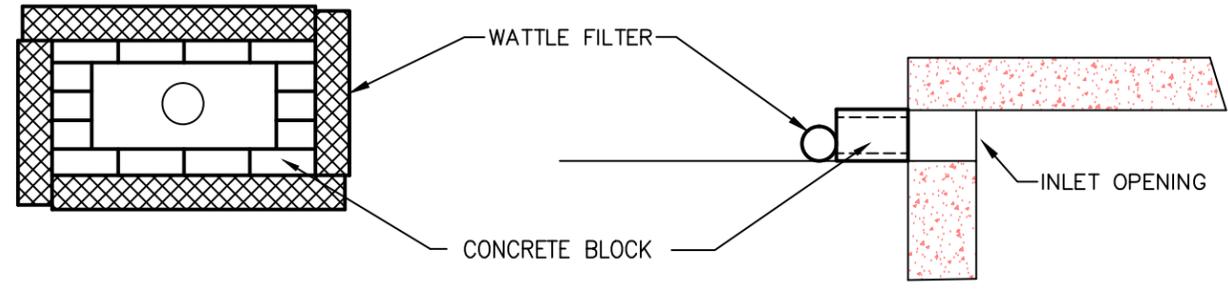
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1130



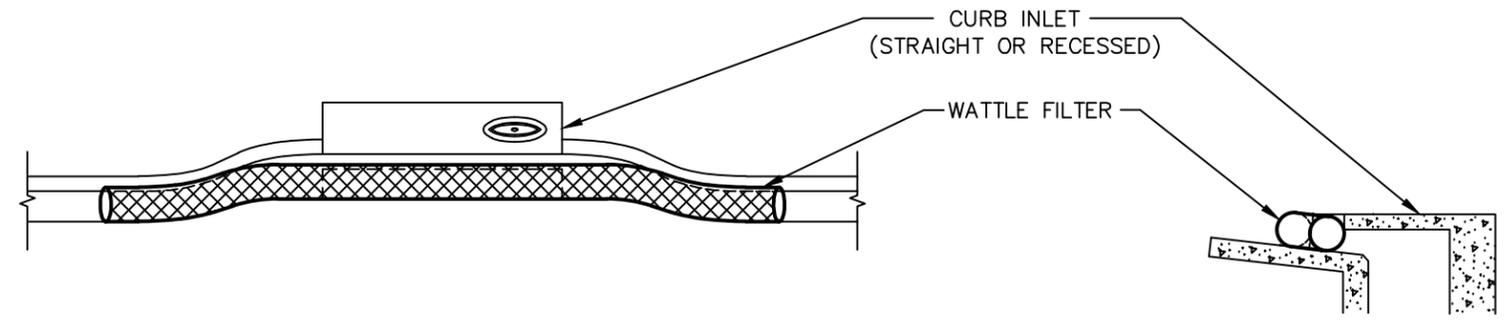
GRATE INLET PROTECTION

N.T.S.



DROP INLET PROTECTION

N.T.S.



CURB INLET PROTECTION

N.T.S.

NOTE:

WATTLE FILTER INLET PROTECTION SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

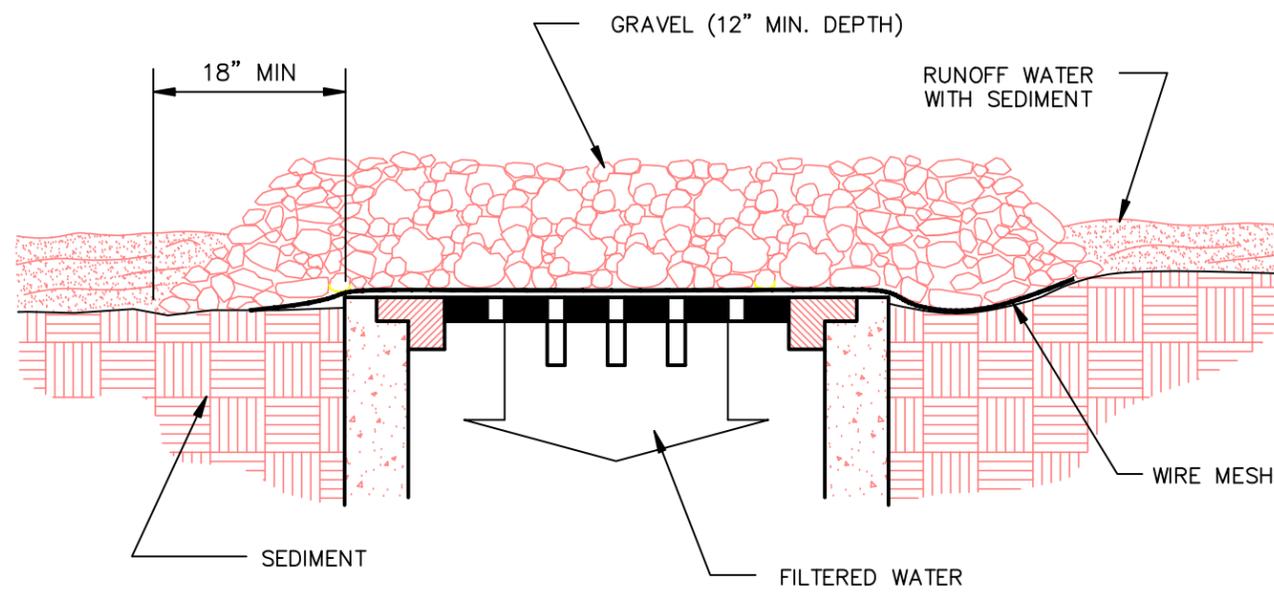
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NO.	LOCAL EXCEPTION	BY	DATE



STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
INLET PROTECTION: WATTLE FILTER
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
201.
STANDARD DETAIL
1135



CROSS SECTION
N.T.S.

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATION FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE HAZARDOUS AND UNPROTECTED AREAS OF STANDING WATER.

NOTE:

INLET PROTECTION SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

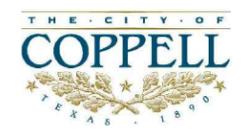
North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

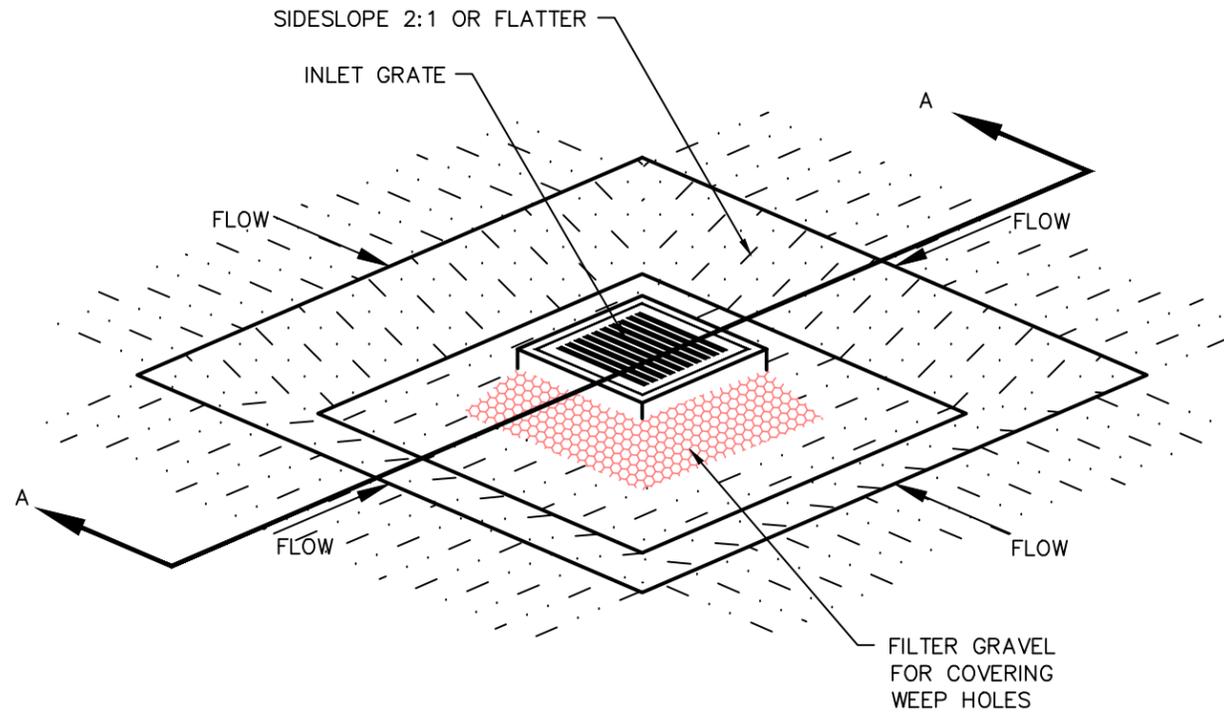
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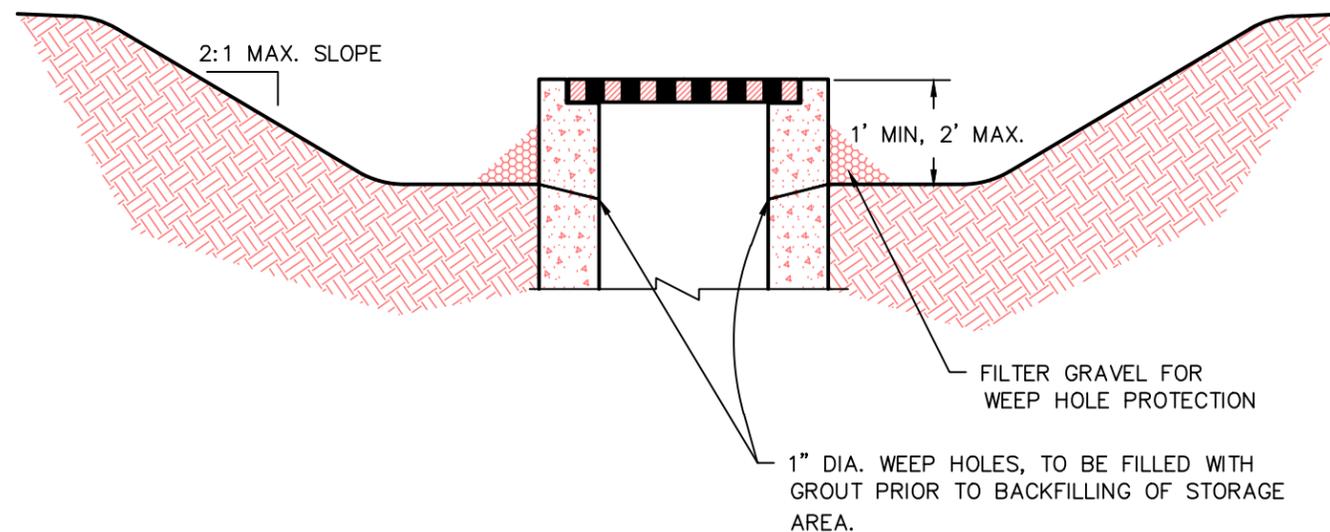


STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
INLET PROTECTION: WIRE MESH AND GRAVEL
 CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
 201.
 STANDARD DETAIL
1140



ISOMETRIC PLAN VIEW
N.T.S.



SECTION A-A
N.T.S.

NOTE:

EXCAVATED IMPOUNDMENT SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

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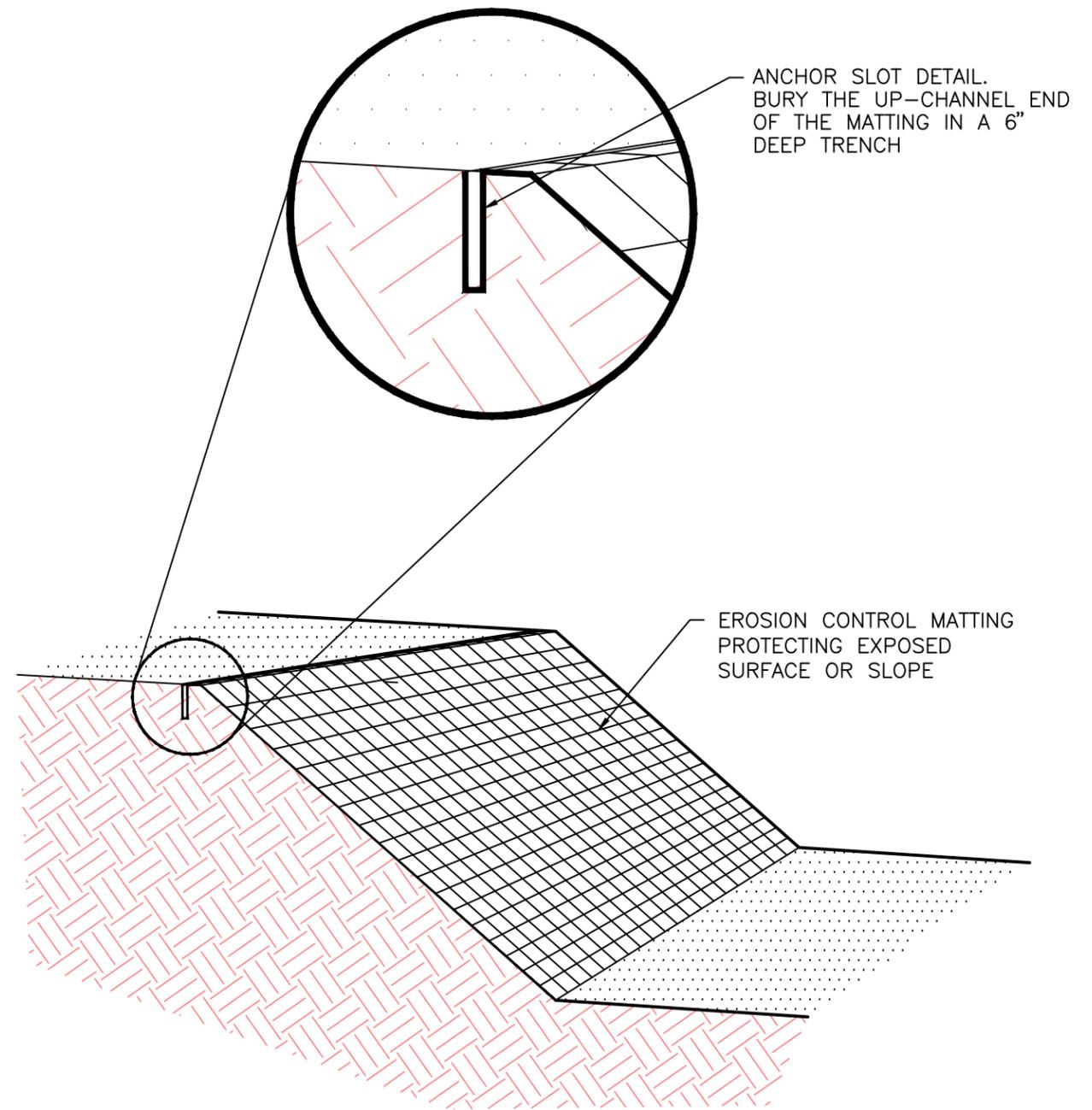


STANDARD CONSTRUCTION DETAILS
EROSION AND SEDIMENTATION CONTROL
INLET PROTECTION: EXCAVATED IMPOUNDMENT
CITY OF COPPELL DALLAS COUNTY, TEXAS

STD. SPEC. REFERENCE
201.
STANDARD DETAIL
1150

EROSION CONTROL MATTING GENERAL NOTES:

1. STRIPS OF MATTING SHALL BE INSTALLED PARALLEL TO THE DIRECTION OF FLOW OVER THE SURFACE WHICH IS TO BE PROTECTED.
2. THE UP-CHANNEL END OF THE MATTING SHALL BE BURIED IN A TRENCH MEASURING 6 INCHES DEEP AND 6 INCHES WIDE FOR THE ENTIRE WIDTH OF THE END. THE SOIL SHALL BE BACKFILLED INTO THE TRENCH AND TAMPED FIRMLY. STAPLES SHALL BE PLACED EVERY 12 INCHES ALONG THE END OF THE MATTING.
3. EDGES OF ADJACENT STRIPS OF MATTING SHALL BE OVERLAPPED A MINIMUM OF 4 INCHES AND SHALL BE STAPLED EVERY 3 FEET ALONG THE OVERLAP.
4. WHEN JOINING STRIPS OF MATTING END TO END, A TRENCH SIMILAR TO THE ONE DUG AT THE BEGINNING OF THE ORIGINAL STRIP SHALL BE DUG WITH THE UP-CHANNEL END OF THE NEW STRIP BEING PLACED IN A LIKE MANNER IN THE TRENCH AS THE BEGINNING END OF THE ORIGINAL STRIP. THE END OF THE STRIP BEING FOLDED UNDER AT LEAST 12 INCHES. STAPLES SHALL BE INSTALLED AT 12 INCH INTERVALS ALONG THE WIDTH OF THE STRIP NOT MORE THAN 6 INCHES FROM THE TRENCH.
5. IN SITUATIONS WHERE ERODIBLE SOILS, STEEP SLOPES OR HIGH VELOCITY FLOWS ARE ENCOUNTERED, A FOLD OF THE MATTING SHALL BE INSERTED INTO A 6 INCH TRENCH AND TAMPED FIRMLY. STAPLES SHALL BE INSTALLED AT 12 INCH INTERVALS ALONG THE TRENCH.
6. STAPLES FOR ANCHORING SOIL STABILIZING MATERIALS SHALL BE MADE OF 10 GAUGE WIRE OR HEAVIER. THEY SHALL BE 6 TO 10 INCHES IN LENGTH, WITH THE LONGER STAPLES BEING USED IN LOOSE OR UNSTABLE SOILS. THERE SHALL BE ONE STAPLE FOR EACH FOUR (4) SQUARE FEET OF MATTING TO ASSURE PROPER BONDING BETWEEN THE SOIL AND THE MAT MATERIAL.
7. EROSION CONTROL MATTING SHALL CONFORM TO T.P.D.E.S. AND T.C.E.Q. REQUIREMENTS.

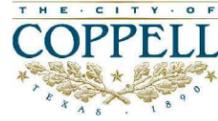


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North Central Texas Council of Governments



NOTE: STANDARDS ARE ADOPTED FROM THE NCTOG STANDARD DRAWINGS DATED NOV. '96, WITH LOCAL EXCEPTIONS.

					STANDARD CONSTRUCTION DETAILS EROSION AND SEDIMENTATION CONTROL EROSION CONTROL MATTING CITY OF COPPELL DALLAS COUNTY, TEXAS	STD. SPEC. REFERENCE 201.
						STANDARD DETAIL 1160
NO.	LOCAL EXCEPTION	BY	DATE			