NOTES:

1. PERIMETER SEDIMENT BARRIERS AND CONSTRUCTION EXIT MUST BE IN PLACE BEFORE STARTING SOIL DISTURBING ACTIVITIES. WHEN INSTALLING SEDIMENT BARRIERS, DO NOT TRENCH WITHIN THE DRIP LINE OF TREES TO BE SAVED.

2. RETAIN FLOATABLE AND WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.

3. INSTALL A TEMPORARY PIT OR BASIN FOR ON-SITE CONTAINMENT OF CONCRETE WASTE FROM MIXING DRUMS AND CHUTES.

4. INSTALL A LIQUID TIGHT BERMED AREA (LINER REQUIRED), OR OTHER SPILL PROTECTION MEASURE PER THE FIRE CODE, FOR ANY TEMPORARY FUEL TANKS PLACED ON SITE DURING CONSTRUCTION.

5. PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY CONSTRUCTION OF THE PROPOSED FACILITY. THIS INCLUDES REVEGETATION OF SWALES, SLOPES, AREAS AROUND DRAINAGE OUTFALL LOCATIONS AND OTHER BARE GROUND THAT IS EXPOSED BY VEHICLES, GRADING AND OTHER CONSTRUCTION ACTIVITIES. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND/OR PERENNIAL VEGETATION HAVING A UNIFORM DENSITY OF AT LEAST 70 PERCENT. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATING MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.

6. CONTRACTORS OR DEVELOPER SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. REPAIR AND REPLACE DAMAGED MEASURES AS NECESSARY TO RETAIN SEDIMENT AND OTHER POLLUTANTS ON SITE. CONTROL MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN (7) CALENDAR DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.

7. AT STABILIZED CONSTRUCTION ENTRANCE, TOP-DRESS THE EXIT WITH CLEAN STONE WHEN THE SURFACE BECOMES TRACKED WITH MUD OR SEDIMENT. SEDIMENT DISCHARGED OR TRACKED TO EXISTING PAVEMENT SHALL BE REMOVED DAILY.

8. FOR EROSION CONTROL DETAILS SEE THIS SHEET.

9. ALL RUNOFF FROM MATERIALS USED IN THE SUBGRADE STABILIZATION PROCESS MUST BE CONTAINED.

10. REMOVE SEDIMENT FROM CONTROL MEASURES WHEN DESIGN CAPACITY IS REDUCED BY 50%.

11. OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. HAUL ROADS AND GRADED AREAS SHALL BE DAMPENED FOR DUST CONTROL.

12. DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME AND DO SO WITHIN 21 DAYS.

13. CONTRACTOR SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER AND SEPTIC SYSTEM REGULATIONS.

14. ALLOWABLE NON-STORM WATER DISCHARGES:

    1. FIRE HYDRANT FLUSHINGS
    2. WATER USED TO WASH VEHICLES OR CONTROL DUST
    3. POTABLE WATER SOURCES, SUCH AS FLUSHING NEW WATER DISTRIBUTION PIPES
    4. IRRIGATION DRAINAGE
    5. WATER FROM TANK OVERFLOW ONSITE.

15. INSTALL CURB INLET PROTECTION AT ALL STORM DRAIN INLETS FOLLOWING CONSTRUCTION AND MAINTAIN UNTIL ALL ADJACENT AREAS IN WATERSHED ARE STABILIZED.

EXISTING UTILITIES ARE INDICATED ON THE PLANS FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES, TO NOTIFY ALL UTILITY COMPANIES OF THE CONTRACTORS OPERATIONS, TO PROTECT ALL UTILITIES FROM DAMAGE, TO REPAIR ALL UTILITIES DAMAGED DUE TO THE CONTRACTORS OPERATIONS, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING UTILITIES.

STABILIZED CONSTRUCTION ENTRANCE

GENERAL 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.

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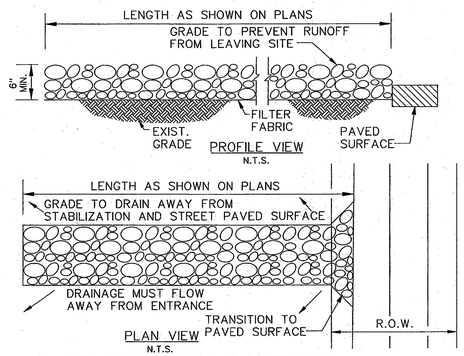

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STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

GENERAL NOTES:

1. STEEL POSTS 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 IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. INSPECTION SHALL BE MADE WEEKLY AND AFTER EACH 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.

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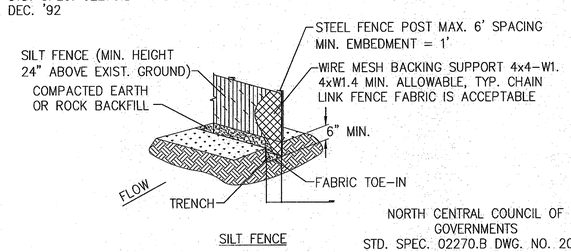

SILT FENCE

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ISOMETRIC PLAN VIEW
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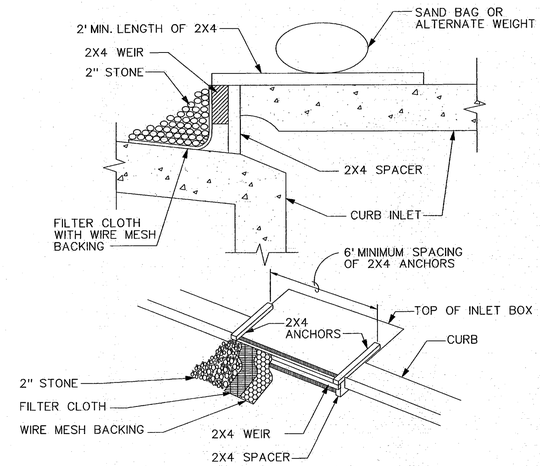

CURB INLET PROTECTION DETAIL

NOT TO SCALE

GENERAL NOTES:

1. WOODEN FRAME IS TO BE CONSTRUCTED OF 2X4 CONSTRUCTION GRADE LUMBER.

2. WIRE MESH BACKING MUST BE OF SUFFICIENT STRENGTH TO SUPPORT FILTER FABRIC, AND STONE FOR CURB INLETS, WITH WATER FULLY IMPOUNDED AGAINST IT.

3. FILTER CLOTH MUST BE OF A TYPE APPROVED FOR THIS PURPOSE. RESISTANT TO SUNLIGHT WITH SIEVE SIZE, EOS 40-85, TO ALLOW SUFFICIENT PASSAGE OF WATER AND REMOVAL OF SEDIMENT.

4. STONE IS 2" IN SIZE AND CLEAN, SINCE FINER WOULD CLOG THE CLOTH.

5. THE ASSEMBLY SHALL BE PLACED SO THAT THE ENDS OF THE SPACERS ARE A MINIMUM OF 1" BEYOND ENDS OF THE THROAT OPENING.

6. FORM THE WIRE MESH AND FILTER CLOTH TO THE CONCRETE GUTTER AND AGAINST THE FACE OF CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN STONE OVER THE FILTER CLOTH IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE CLOTH.

7. THIS TYPE OF INLET PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.

8. ASSURE THAT STORM FLOW DOES NOT BYPASS INLET BY INSTALLING TEMPORARY EARTH OR ASPHALT DIKES DIRECTING FLOW INTO INLET.

9. CONSTRUCT SIMILAR TYPE STRUCTURE AT BACK OF PROPOSED CURB INLETS WITH OPEN BACKS.

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TOWN OF ADDISON, TEXAS
SURVEYOR 1.5 MG EST
CIVIL
EROSION CONTROL DETAILS

NO.	ISSUES	BY	DATE

F&N JOB NO. ADD08459
DATE 01/21/11
DESIGNED DAT
DRAWN SB
REVISED RJS
CHECKED RCK
FILE NAME CV-EST-DT-TYP07.SHT

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET
DT-07