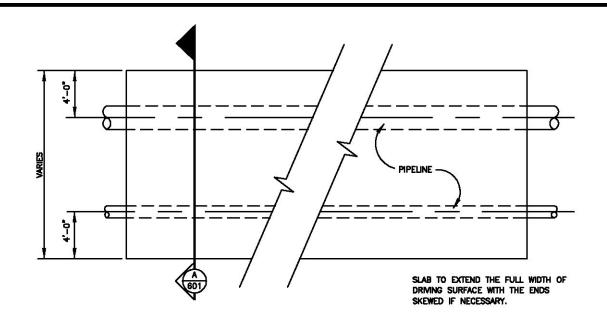
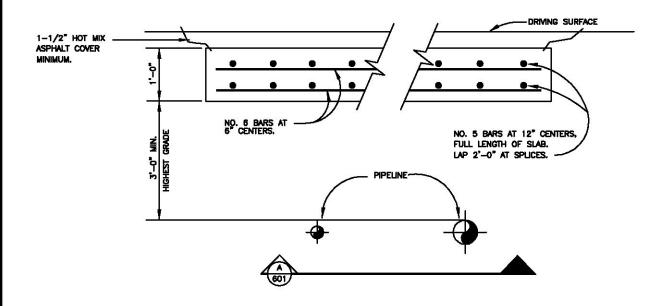
Miscellaneous

Gas Line Crossing Detail	D-601
Accessible Parking Sign Detail	D-603 (1-3)
Grease Trap Detail	D-605
Mailbox Detail	D-606
Utility Installation between Buildings	D-607
Reinforced Soil Walls Case I	D-608
School Flasher 1	D-609
Erosion Control Wall	D-611
Elevation Residential Drainage	D-612
Minimum Finished Floor Elevation	D-612
Diversion Dike	
Earth Dike (Berm)	D-614
State Requirements for Offsite Tracking Prevention	D-615 (1-2)
Sediment Basin	D-616
Sediment Trap	D-617
Slope Drain	D-618
Surface Roughening	D-619
Culvert Protection	D-620
Curb Drop Inlet	D-621
Surface Inlet Protection	D-622
Silt Fence	D-623
Silt Fence	D-624
Stone Dam	D-625
Straw Bale Fence	D-626
Temporary Erosion Control Bales	D-627 (1-2)
Hand Rails	D-630





LOADING: GROSS LOAD 150 TONS — MAXIMUM AXLE LOAD 60 TONS.

CONCRETE: ULTIMATE STRENGTH — 2500 P.S.I. IN 28 DAYS.

REINFORCING STEEL: A.S.T.M. A—15 INTERMEDIATE GRADE, AND A.S.T.M. A—305 HIGH BOND.

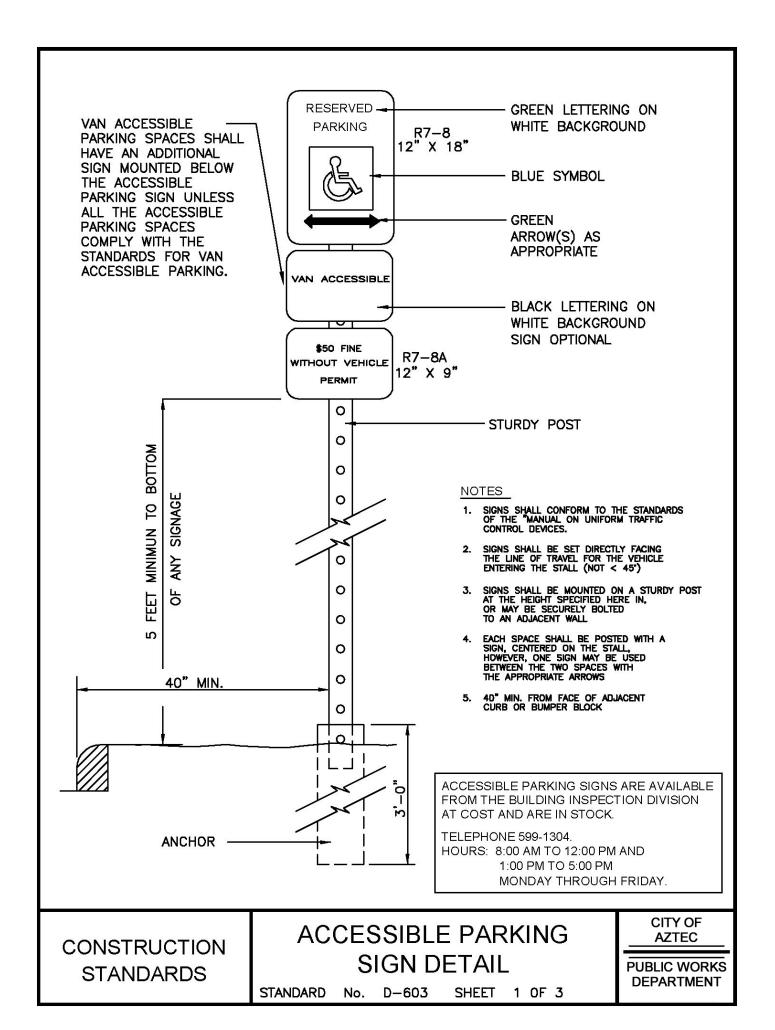
CAUTION: HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE OPERATED OVER UNPROTECTED PIPE AND SHALL NOT BE OPERATED OVER SLAB UNTIL 14 DAYS AFTER POURING.

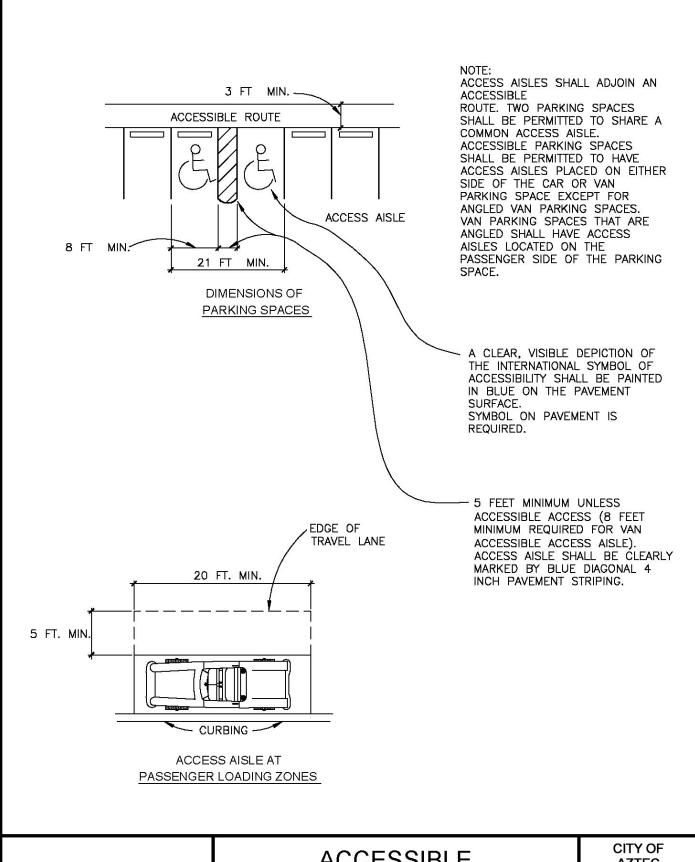
CONSTRUCTION STANDARDS

GAS LINE CROSSING DETAIL

STANDARD No. D-601 SHEET 1 OF 1

CITY OF AZTEC





CONSTRUCTION **STANDARDS**

ACCESSIBLE PARKING STALLS

STANDARD No. D - 603SHEET 2 OF 3 **AZTEC**

- + Minimum stall width for a single stall may be either an eight foot stall with a five foot painted access aisle, or, a single stall 13 ft. in width (no marked access aisle required).
- + Two adjacent parking spaces may share an access aisle. Two eight foot stalls with a marked five foot access aisle between.
- Access aisles shall be a part of an accessible route to the building or facility entrance.
- Where an accessible stall is located at the end of a row of parking stalls and where there is an accessible route on the open side, then the accessible stall may be of conventional width (9 ft. minimum).
- + Parked vehicle overhangs shall not reduce the clear width of an accessible circulation route.
- + The Community Development Director or his designee may waive or alter these requirements upon written request.

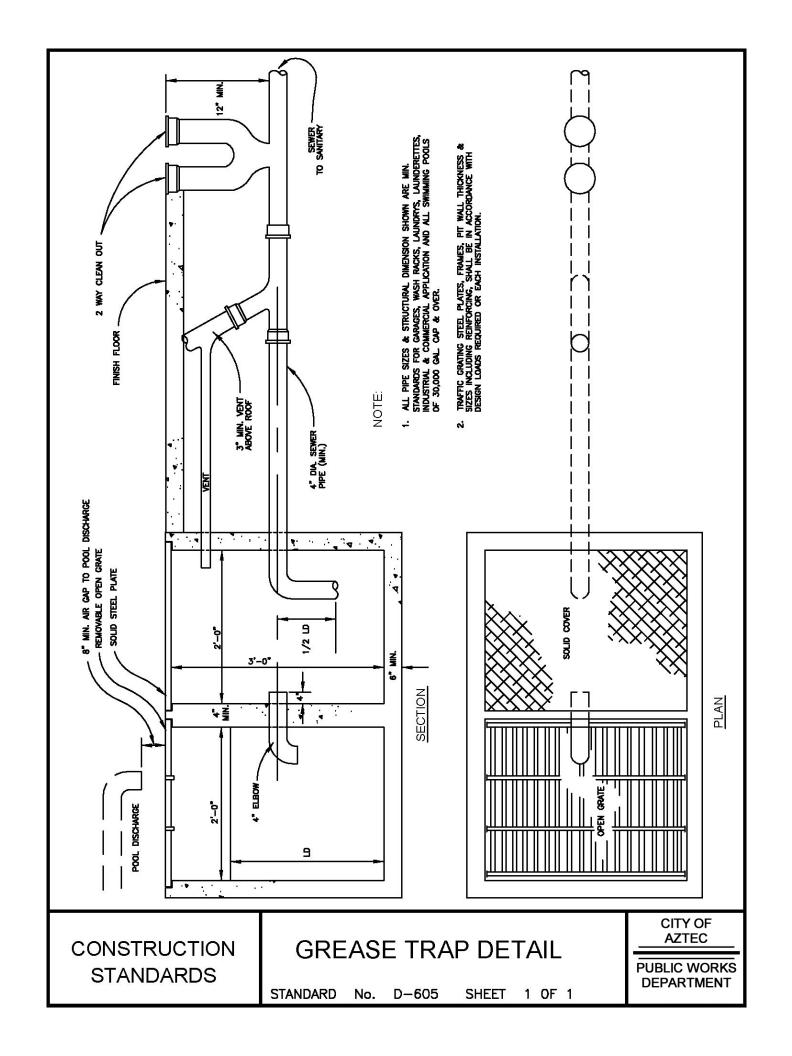
CONSTRUCTION STANDARDS

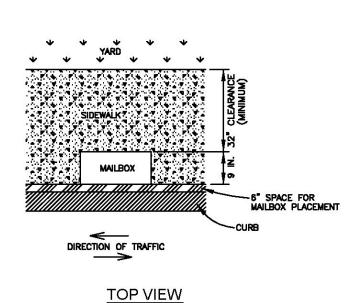
HANDICAPPED

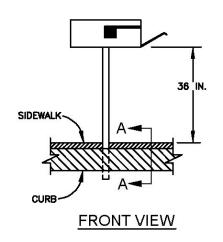
PARKING STALL REQUIREMENTS

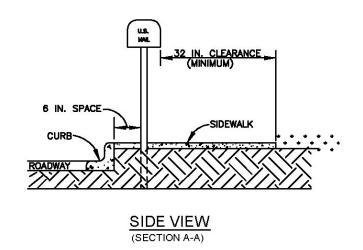
STANDARD No. D-603 SHEET 3 OF 3

CITY OF AZTEC









DATE
10/30/95 1/20/99

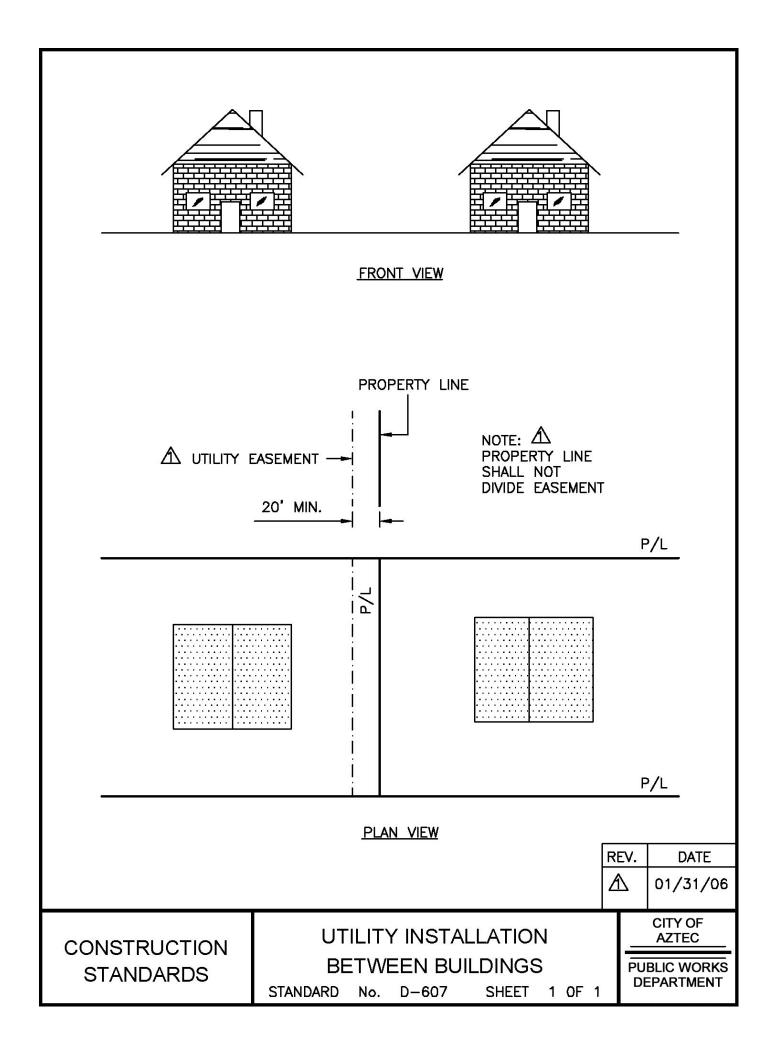
*USE SAME DETAIL FOR PAPER BOX. 🛕

CONSTRUCTION STANDARDS

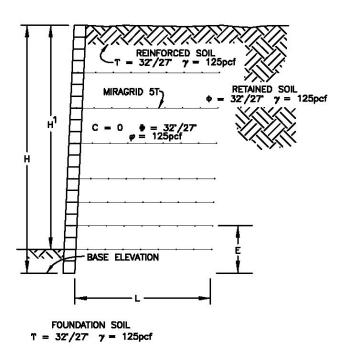
MAILBOX DETAIL*

STANDARD No. D-606 SHEET 1 OF 1

CITY OF AZTEC



<u>CASE I</u>



REINFORCED SOIL WALLS						
EXPOSED HEIGHT H, (FT)	TOTAL HEIGHT H. (FT)	NO. COURSES	THICKNESS IN.	NO. GRID LAYERS	GRID LENGTH L, (FT)	GEOGRID PLACEMENT ELEVATION E, (FT) ABOVE BASE ELEVATION
CASE #1	ተ2 27	γ ≤ 125pcf	PI = 10			
4.0	4.5	9	6	1	3.0	E ₁ - 2.0
5.5	6.5	13	6	2	4.0	E ₁ - 1.0 E ₂ - 4.0

DESIGN BASED ON MIRAGRID 5T. BUILDER MAY USE COMPARABLE OR EQUAL. IT IS RESPONSIBILITY OF THE INSTALLER TO SHOW COMPARISON TO CHIEF INSPECTOR PRIOR TO CONSTRUCTION.

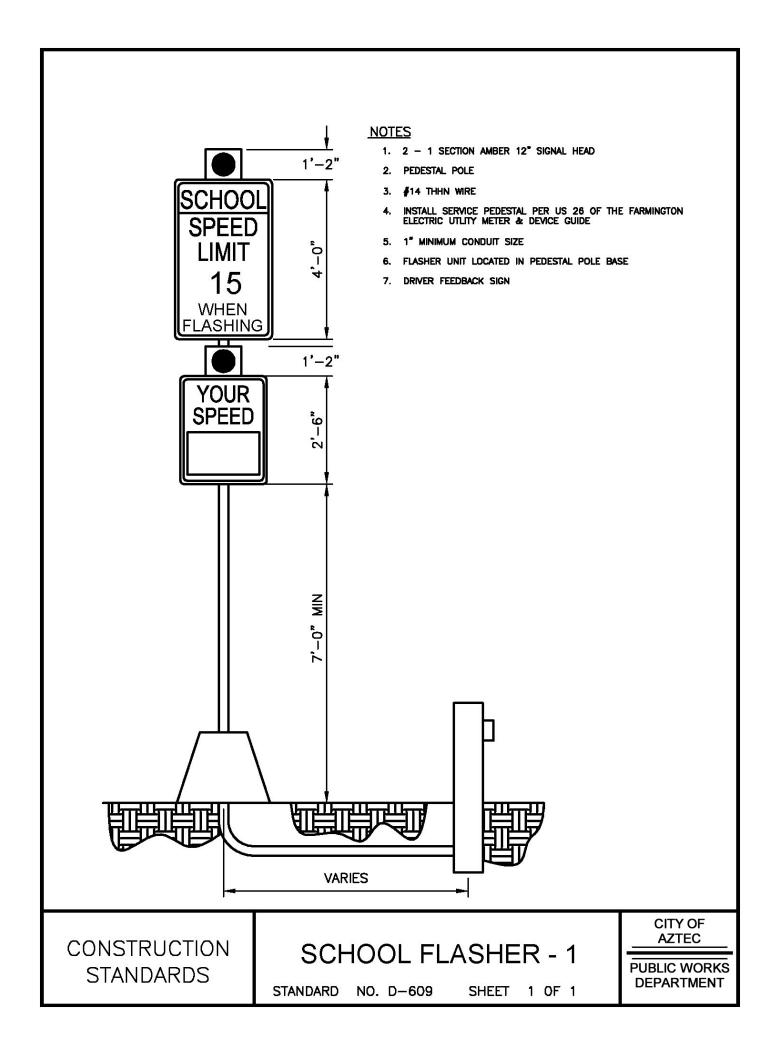
CONSTRUCTION STANDARDS

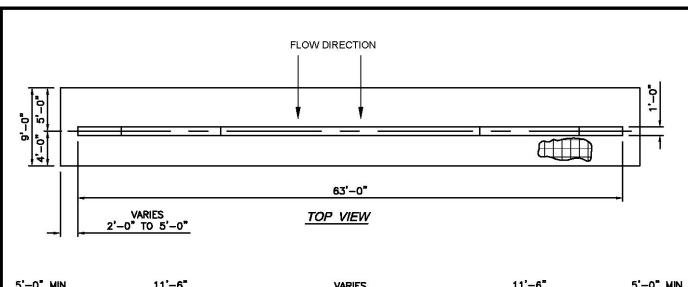
REINFORCED SOIL WALLS CASE I

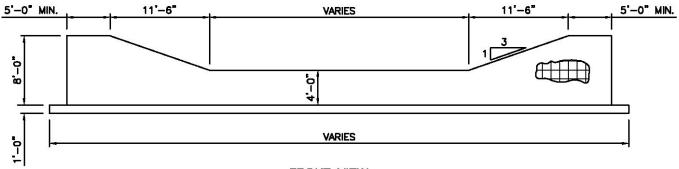
STANDARD No. D-608

SHEET 1 OF 1

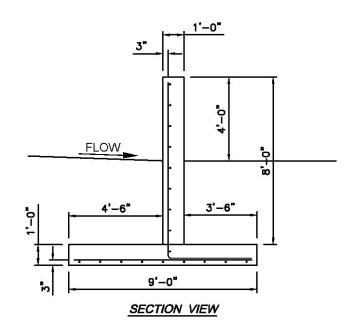
CITY OF AZTEC







FRONT VIEW



NOTE:

- 1. #4 REBAR 12" O.C. IN BOTH DIRECTIONS
- 2. SCH. 40 STEEL
- 3. ALL DIMENSIONS ARE SUBJECT TO CHANGE DEPENDING ON FLOW REQUIREMENTS AND SCOUR DEPTH.
- 4. REBAR SHALL BE PLACED 3" FROM UP STREAM FACE IN WALL AND 3" FROM BOTTOM IN FOOTER.
- 4. USE 4000 P.S.I. CONCRETE

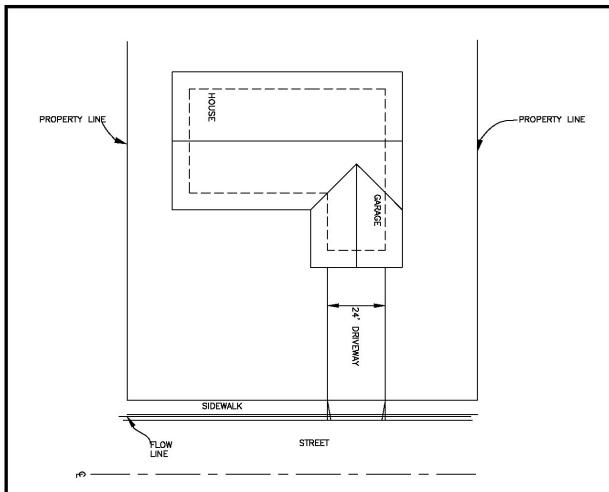
CONSTRUCTION STANDARDS

EROSION CONTROL WALL

STANDARD No. D-611

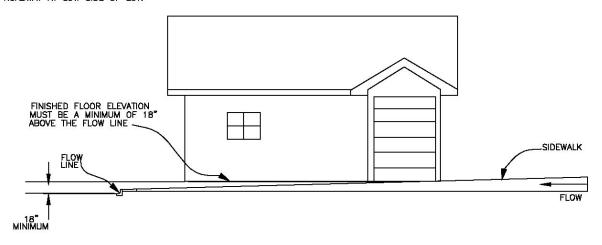
SHEET 1 OF 1

CITY OF AZTEC



NOTE:

- 1. ALL IMPROVEMENTS MUST DRAIN AWAY FROM THE HOUSE TO STREET, DRAINAGE EASEMENT OR DETENTION POND.
- 2. FINISHED FLOOR ELEVATION MUST BE A MININMUM OF 18" ABOVE THE FLOW LINE OF THE GUTTER AT LOW SIDE OF LOT.
- 3. IF CURB & GUTTER ARE ABSENT FLOWLINE IS AT THE EDGE OF ROADWAY AT LOW SIDE OF LOT.



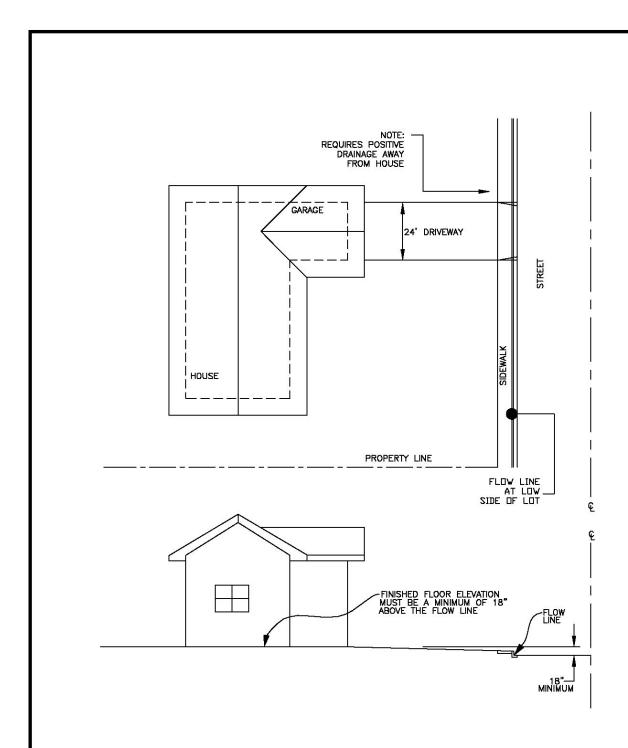
CONSTRUCTION STANDARDS

ELEVATION RESIDENTIAL DRAINAGE

STANDARD No. D-612

SHEET 1 OF 1

CITY OF AZTEC



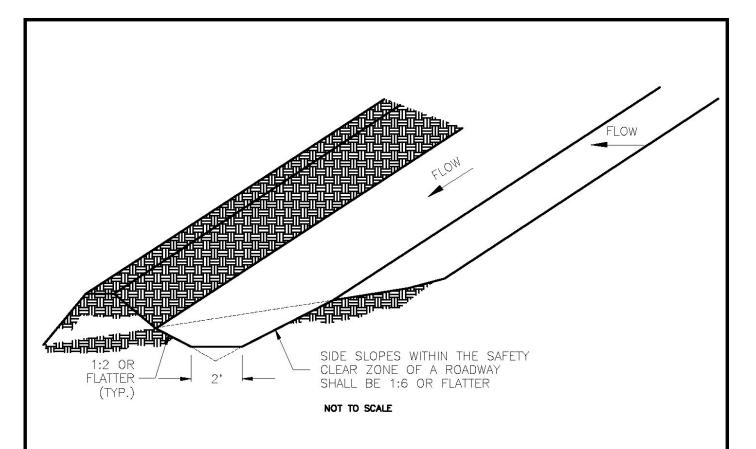
NOTE:
1. IF NO CURB &
GUTTER 18" MEASURED
FROM CROWN OF STREET.
2. ANY VARIATION OF
FINISHED FLOOR ELEVATION
TO BE APPROVED BY CITY ENGINEER.

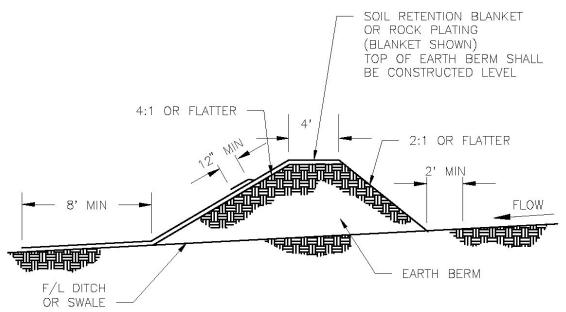
CONSTRUCTION STANDARDS

MINIMUM FINISHED FLOOR ELEVATION

STANDARD No. D-612 SHEET 1 OF 1

CITY OF AZTEC





TYPICAL SWALE CONFIGURATION

NOT TO SCALE

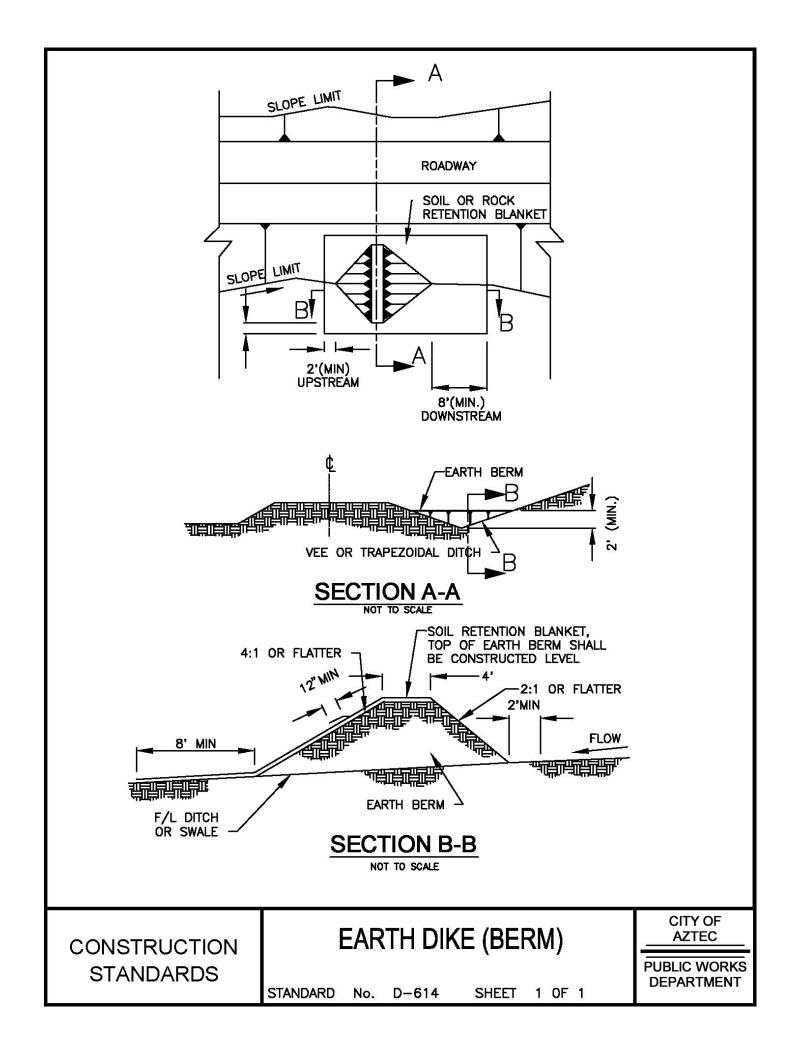
STANDARD

CONSTRUCTION STANDARDS

DIVERSION DIKE

No. D-613 SHEET 1 OF 1

CITY OF AZTEC



CITY CONTRACTS DITCH TO CARRY WASH WATER TO SEDIMENT BASIN OR 25' WASH RACK 6'-7" 20020002009 000 200200000 DRAIN RACK REINFORCED CONCRETE R25° 50' MIN FILTER FABRIC PER ENGINEER Z COURSE AGGREGATE 1" TO 3"

NOT TO SCALE

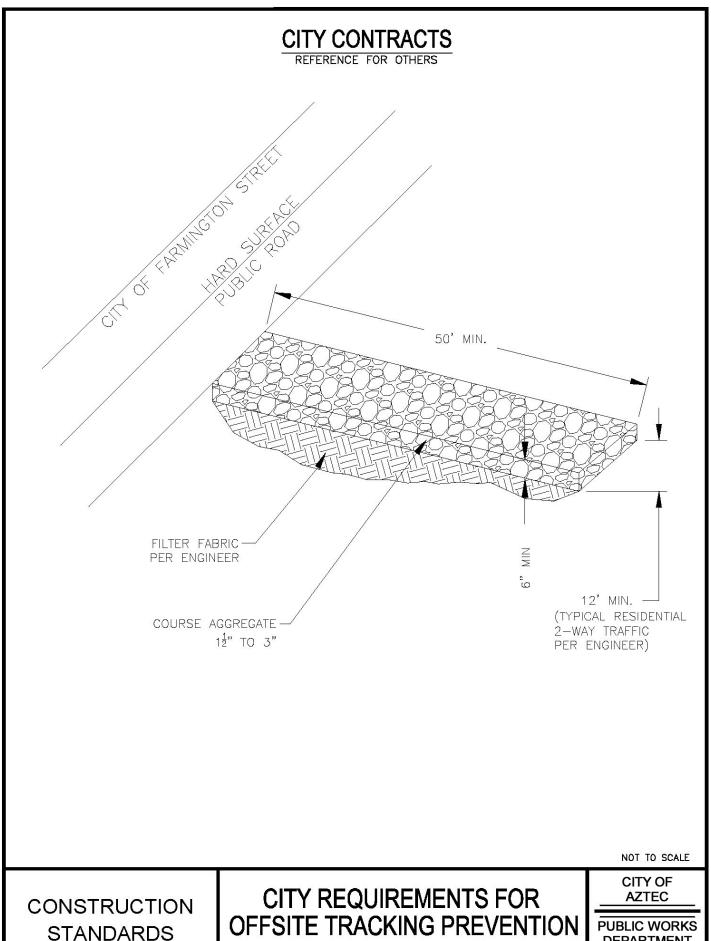
CONSTRUCTION STANDARDS

STATE REQUIREMENTS FOR OFFSITE TRACKING PREVENTION

STANDARD No. D-615

SHEET 1 OF 2

CITY OF AZTEC



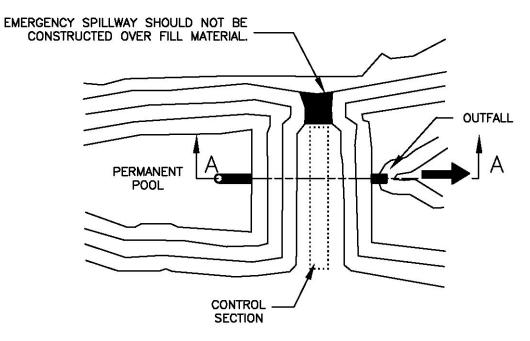
STANDARDS

STANDARD D - 615No.

SHEET 2 OF 2

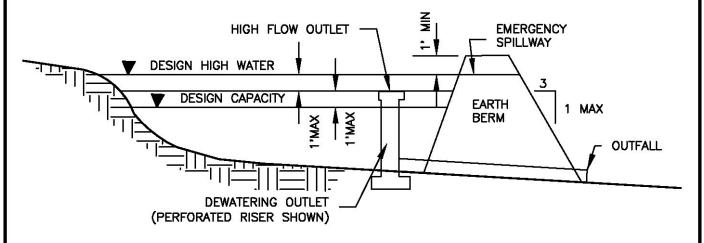
DEPARTMENT

REFERENCE FOR OTHERS



PLAN VIEW

NOT TO SCALE



CROSS SECTION A-A

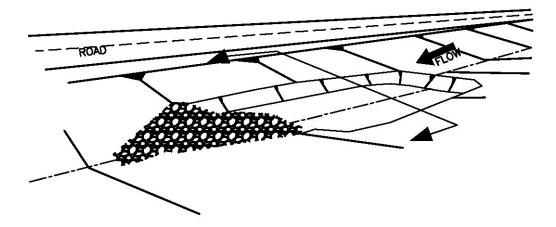
CONSTRUCTION STANDARDS

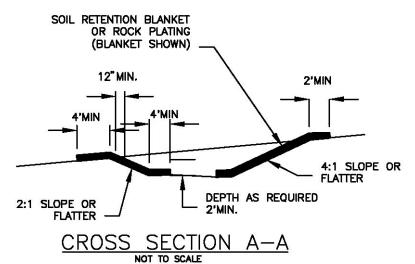
SEDIMENT BASIN

CITY OF AZTEC

| [

STANDARD No. D-616 SHEET 1 OF 1





NOTES SEDIMENT TRAPS

- TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED BY EXCAVATION ALONE OR BY EXCAVATION IN COMBINATION WITH AN ENBANKMENT.
- 2. TEMPORARY SEDIMENT TRAPS ARE OFTEN USED IN CONJUNCTION WITH A DIVERSION DIKE OR SWELL.
- 3. THE DRAINAGE AREA FOR THE SEDIMENT TRAP SHOULD NOT EXCEED 5 DISTURBED ACRES.
- 4. THE TRAP MUST BE ACCESSIBLE FOR EASE OF REGULAR MAINTENANCE, WHICH IS CRITICAL TO ITS PROPER FUNCTIONING.
- SEDIMENT TRAPS ARE TEMPORARY MEASURES AND SHOULD NOT REMAIN IN PLACE LONGER THAN 18 TO 24 MONTHS.
- 6. THE ENBANKMENT MAY NOT EXCEED 5 FT. IN HEIGHT.
- 7. THE RECOMMENDED MINIMUM WIDTH AT THE TOP OF THE ENBANKMENT IS BETWEEN 2 FT. AND 5 FT.

CONSTRUCTION STANDARDS

SEDIMENT TRAP

CITY OF AZTEC

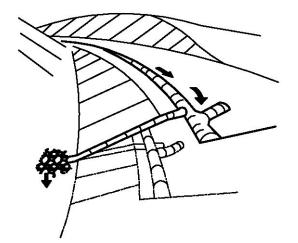
PUBLIC WORKS

DEPARTMENT

1

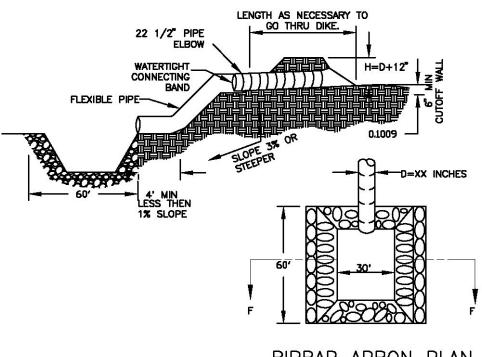
STANDARD No. D-617 SHEET 1 OF 1

REFERENCE FOR OTHERS

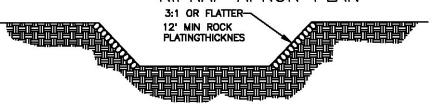


NOTES: PIPE SLOPE DRAIN

- 1. THE FLEXIBLE PIPE SHALL BE THE SAME DIAMETER AS THE INLET PIPE AND SHALL BE CONSTRUCTED OF A DURABLE MATERIAL WITH HOLD-DOWN GROMMETS SPACED 10 FT. ON CENTER.
- 2. THE FLEXIBLE PIPE SHALL BE SECURELY FASTENED TO THE CORRUGATED METAL OR HIGH DENSITY POLYETHLENE PIPE WITH METAL STRAPPING OR WATERTIGHT CONNECTING COLLARS.
- 3. THE FLEXIBLE PIPE SHALL BE STAKED AT 10 FT. CENTERS ALONG THE SLOPE USING MINIMUM 4 INCH SQUARE WOOD POSTS OR STANDARD STEEL POSTS DRIVEN 2 FT. MINIMUM INTO THE GROUND, OR EARTHEN THRUST BLOCK.
- 4. RIGID PIPE SHALL BE ANCHORED AT BENDS. ANCHORAGE SHALL CONSIST OF A MINIMUM OF 4 INCH SQUARE WOOD POSTS OR STANDARD STEEL POSTS DRIVEN 2 FT. MINIMUM INTO THE GROUND, OR EARTHEN THRUST BLOCK.
- 5. PAYMENT OF BASIN ITEMS ARE INCIDENTAL TO THE COST OF FLEXIBLE STORM DRAIN PIPE.



RIPRAP APRON PLAN



SECTION F-F NOT TO SCALE

CONSTRUCTION **STANDARDS**

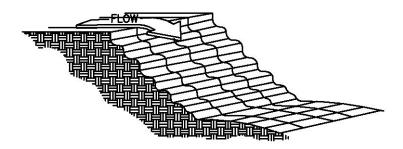
SLOPE DRAIN

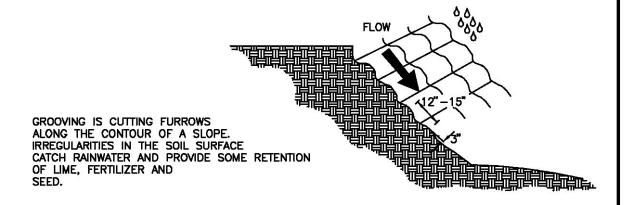
CITY OF **AZTEC**

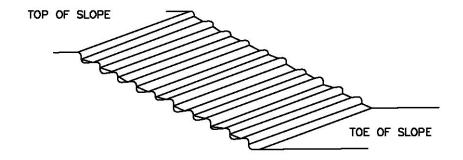
PUBLIC WORKS DEPARTMENT

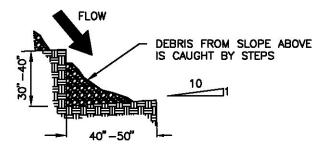
STANDARD 1 OF 1 No. D-618 SHEET

REFERENCE FOR OTHERS









STAIR-STEPPING CUT SLOPE

NOT TO SCALE

CONSTRUCTION STANDARDS

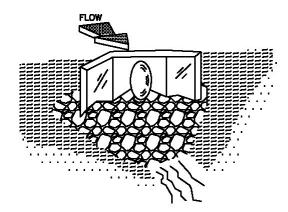
SURFACE ROUGHENING

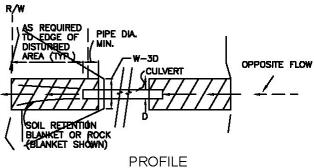
CITY OF AZTEC

STANDARD No. D-619

SHEET 1 OF 1

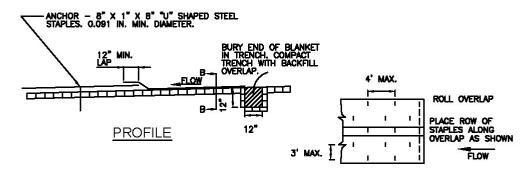
REFERENCE FOR OTHERS

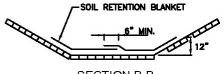




NOTES: CULVERT PROTECTION

- WHEN CULVERT PROTECTION IS SPECIFIED, EITHER SOIL RETENTION BLANKETS OR SOIL RETENTION ROCK MAY BE PROVIDED.
- 2. THE CULVERT PROTECTION WIDTH REQUIRED SHALL BE IN ACCORDANCE WITH THESE DETAILS UNLESS SPECIFIED OTHERWISE.
- 3. THE SOIL RETENTION BLANKET
 INSTALLATION SHOWN OUTLINES MINIMUM
 REQUIREMENTS. MANUFACTURER'S
 RECOMMENDATIONS SHALL BE USED IF THEY
 ARE MORE STRINGENT.

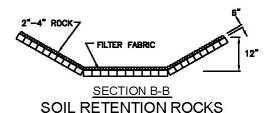




SOIL RETENTION BLANKET

USE 1" SPACING FOR STAPLES AT BEGINNING OF ROLL AND AT TRAVERSE OVERLAP.

SOIL RETENTION BLANKET STAPLE PATTERN



NOT TO SCALE

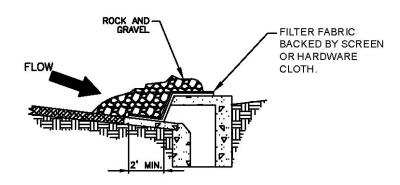
CONSTRUCTION STANDARDS

CULVERT PROTECTION

CITY OF AZTEC

STANDARD No. D-620 SHEET 1 OF 1

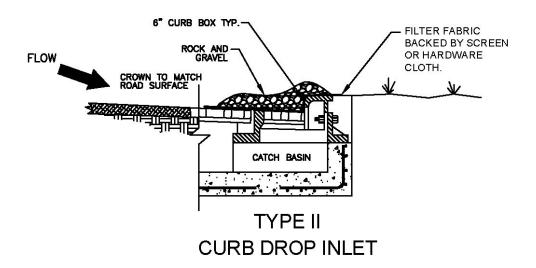
REFERENCE FOR OTHERS



CURB OPENING

NOTES: GRAVEL INLET PROTECTION

- 1. THIS INSTALLATION IS FOR A TYPICAL CURB DROP INLET.
- THE SPACING OF THE LONGITUDINAL BRACING SHALL NOT EXCEED 5 FT.



NOTE:

ALTERNATE PROTECTION OF CITY STRUCTURES NEEDS APPROVAL BY CITY ENGINEER

NOT TO SCALE

CONSTRUCTION STANDARDS

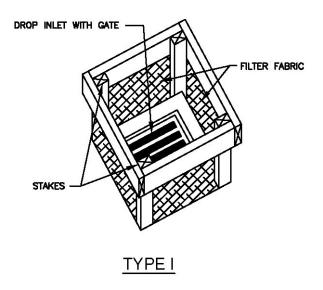
CURB DROP INLET

CITY OF AZTEC

STANDARD No. D-621

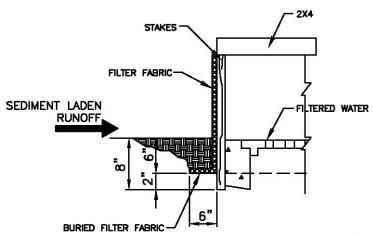
SHEET 1 OF 1

CITY CONTRACTS REFERENCE FOR OTHERS



NOTE:

WHEN SPECIFIED, ROCKS OR STRAW BALES CAN BE SUBSTITUTED FOR SILT FENCE.



NOTE:

ALTERNATE PROTECTION OF CITY STRUCTURES NEEDS APPROVAL BY CITY ENGINEER

NOT TO SCALE

CONSTRUCTION STANDARDS

SURFACE INLET PROTECTION

CITY OF AZTEC

STANDARD No. D-622 SHEET

SHEET 1 OF 1

REFERENCE FOR OTHERS

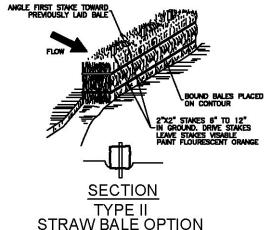
NOTES: SILT FENCE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE POST SPACING FOR SILT FENCES TO MINIMIZE MAINTENANCE,

- POST SPACING SHALL BE 4 FT, MAXIMUM WITHOUT SUPPORTING FENCE, 10 FT. MAXIMUM WITH SUPPORTING FENCE.
- POSTS FOR 4 FT. MAXIMUM POST SPACING SHALL BE 2 INCH SQUARE NOMINAL SIZE OR HEAVIER WOOD POSTS, OR STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 LB. PER LINEAR FOOT.

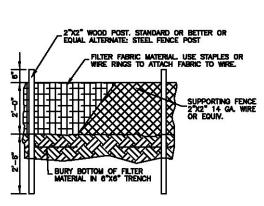
POSTS FOR 10 FT. MAXIMUM POST SPACING SHALL BE 4 INCH SQUARE NOMINAL SIZE OR HEAVIER WOOD POSTS, OR STEEL POSTS AS SPECIFIED ABOVE.

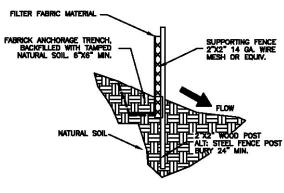
- SUPPORTING FENCE SHALL BE WIRE MESH (14 GA. MIN., 1 INCH MAX. MESH OPENINGS), SNOW FENCE, PLASTIC FENCE, OR APPROVED EQUAL.
- 4. SUPPORTING FENCE SHALL BE FASTENED SECURELY TO POSTS WITH STAPLES OR WIRE TIES. FILTER FABRIC SHALL BE FASTENED SECURELY TO SUPPORTING FENCE WITH WIRE TIES SPACED AT 2 FT. CENTERS ALONG THE TOP AND MID—SECTION. WHEN A SUPPORTING FENCE IS NOT USED, FILTER FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH STAPLES OR WIRE TIES.
- WHEN SILT FENCE IS USED FOR CHECK DAMS INSTALLED IN DITCHES, A SUPPORTING FENCE SHALL BE PROVIDED, WITH MAXIMUM POST SPACING OF 10 FT.
- . STANDARD "T" OR "U" SECTION STEEL POSTS SHALL NOT BE USED WITHIN THE CONSTRUCTION CLEAR ZONE RECOVERY AREA.





TYPE I SILT FENCE OPTION





SILT FENCE

NOT TO SCALE

CONSTRUCTION STANDARDS

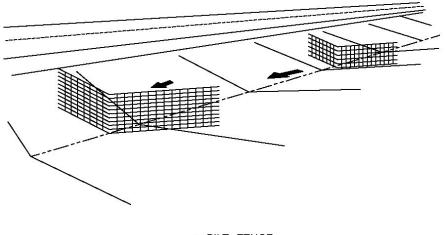
SILT FENCE

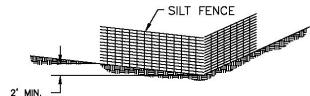
CITY OF AZTEC

PUBLIC WORKS DEPARTMENT

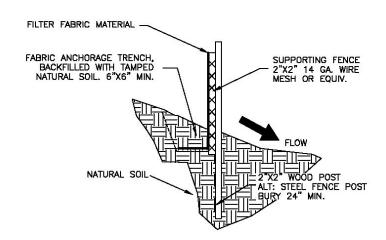
STANDARD No. D-623 SHEET 1 OF 1

REFERENCE FOR OTHERS





SECTION



DETAIL

NOT TO SCALE

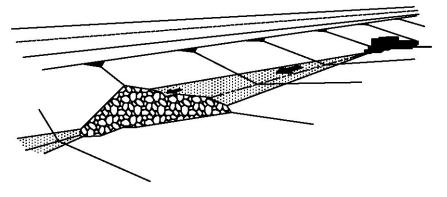
CONSTRUCTION STANDARDS

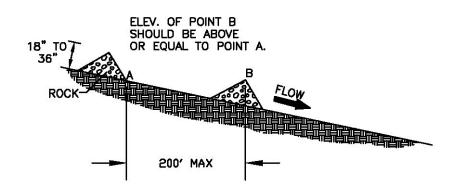
SILT FENCE

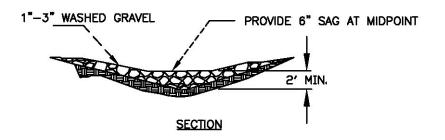
CITY OF AZTEC

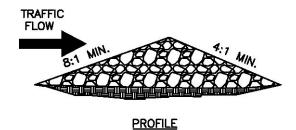
STANDARD No. D-624 SHEET 1 OF 1

REFERENCE FOR OTHERS









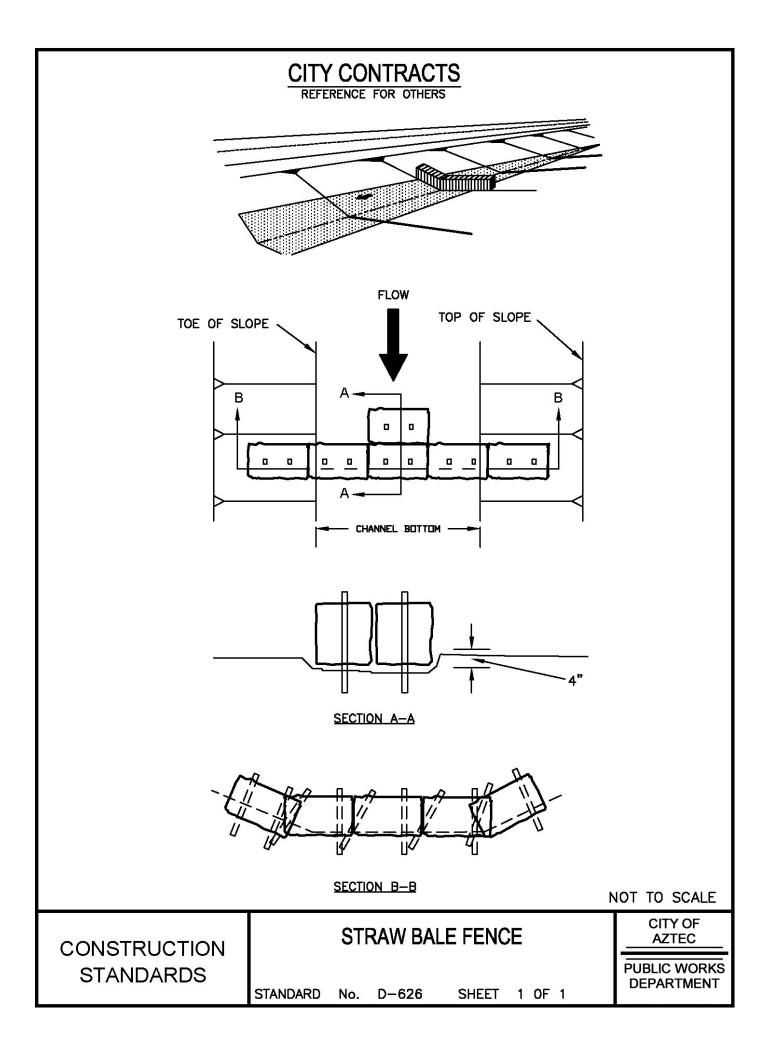
NOT TO SCALE

CONSTRUCTION STANDARDS

STONE DAM

CITY OF AZTEC

STANDARD No. D-625 SHEET 1 OF 1



TEMPORARY EROSION & SEDIMENT CONTROL MEASURES (T.E.S.C.M.)

GENERAL NOTES:

- 1. THE SOIL RETENTION INSTALLATION DETAILS SHOWN FOR CULVERT PROTECTION SHALL BE USED FOR ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES UTILIZING SOIL RETENTION BLANKETS UNLESS OTHERWISE NOTED.
- 2. ROCK PLACEMENT USED IN THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE SHEETS SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES UNLESS OTHERWISE INDICATED.
- 3. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES PLACED WITHIN THE CONSTRUCTION CLEAR ZONE SHALL BE INSTALLED WITH 8:1 SLOPES PARALLEL TO TRAFFIC AND 4:1 SLOPES PERPENDICULAR TO TRAFFIC.
- 4. SEDIMENT TRAPS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
- 5. CHECK DAMS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN THE DEPOSITS REACH APPORXIMATELY ONE—HALF THE HEIGHT OF THE CHECK DAM.
- 6. CULVERT PROTECTIONS SHALL BE INSTALLED UPON INITIATION OF EARTH ACTIVITIES AND MAINTAINED AS MUCH AS PRACTICAL UNTIL STABILIZATION IS COMPLETED AND ACCEPTED. CULVERT PROTECTIONS MAY BE REMOVED FOR PERIODS OF TIME AS REQUIRED DURING CONSTRUCTION TO COMPLETE ADJACENT IMPROVEMENTS.
- 7. THE CONTRACTOR MAY CONSTRUCT AN EARTH DIKE AS SHOWN, OR RELOCATE THE CHECK DAMS AS CONSTRUCTION PROGRESSES. NO DIRCT PAYMENT SHALL BE MADE FOR RELOCATION OF THE CHECK DAMS.

NOT TO SCALE

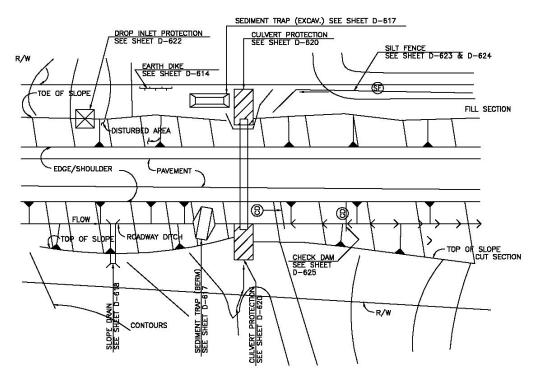
CONSTRUCTION STANDARDS

TEMPORARY EROSION CONTROL LABELS

STANDARD No. D-627 SHEET 1 OF 2

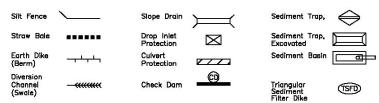
CITY OF AZTEC

REFERENCE FOR OTHERS



TYPICAL USAGE OF SELECTED EROSION AND SEDIMENT CONTROL MEASURES

STANDARD SYMBOLS FOR EROSION AND SEDIMENT CONTROL MEASURES



NOT TO SCALE

CONSTRUCTION STANDARDS

TEMPORARY EROSION NOTES

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