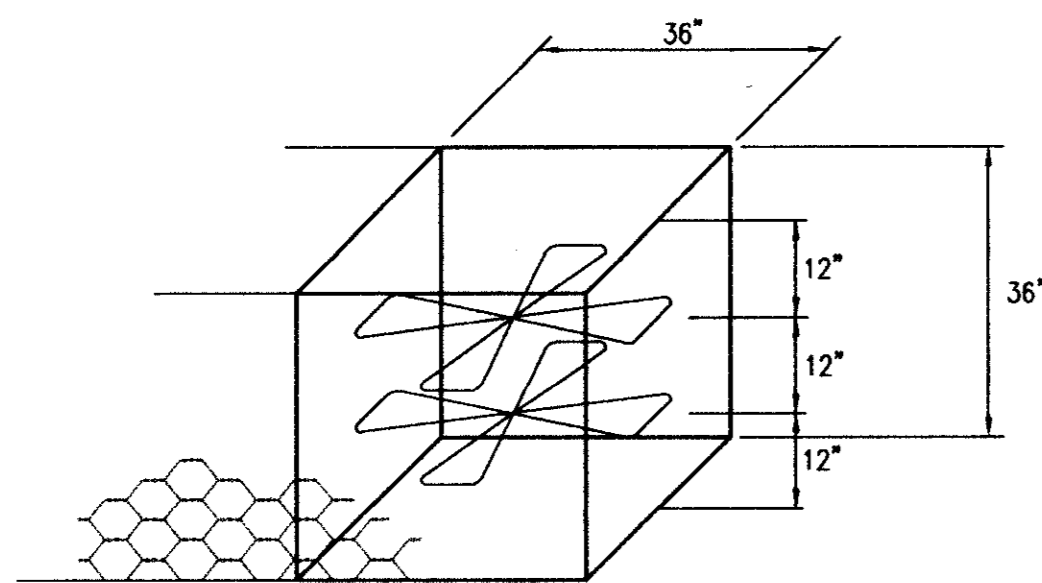


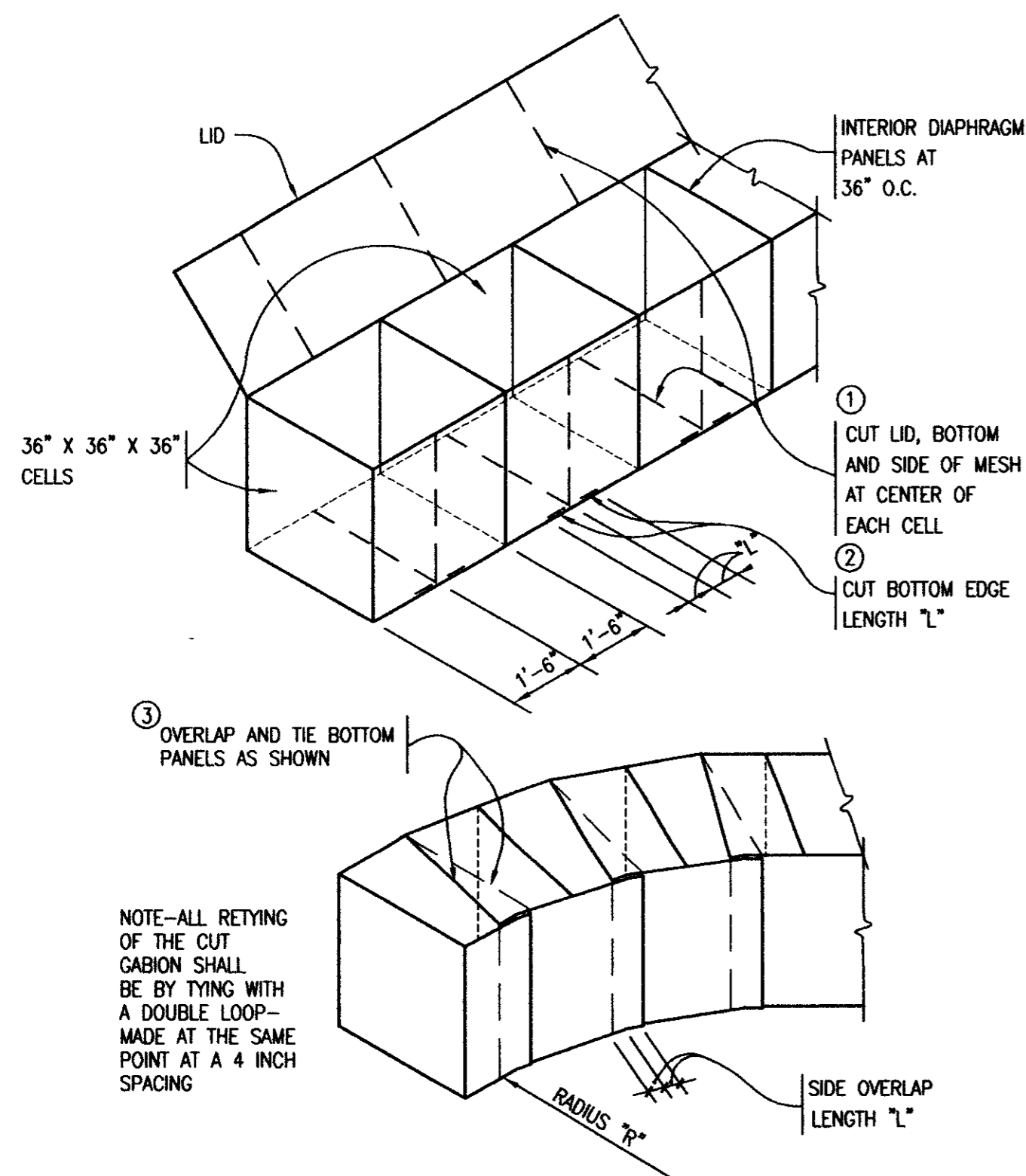
GABION CONTAINER

N.T.S.
NOTE: GABION MAY BE CUT BUT SHALL BE RETIED IN A MANNER TO PRODUCE A CLOSED CELL AND ALL TIES SHALL BE IN CONFORMANCE WITH DETAILS

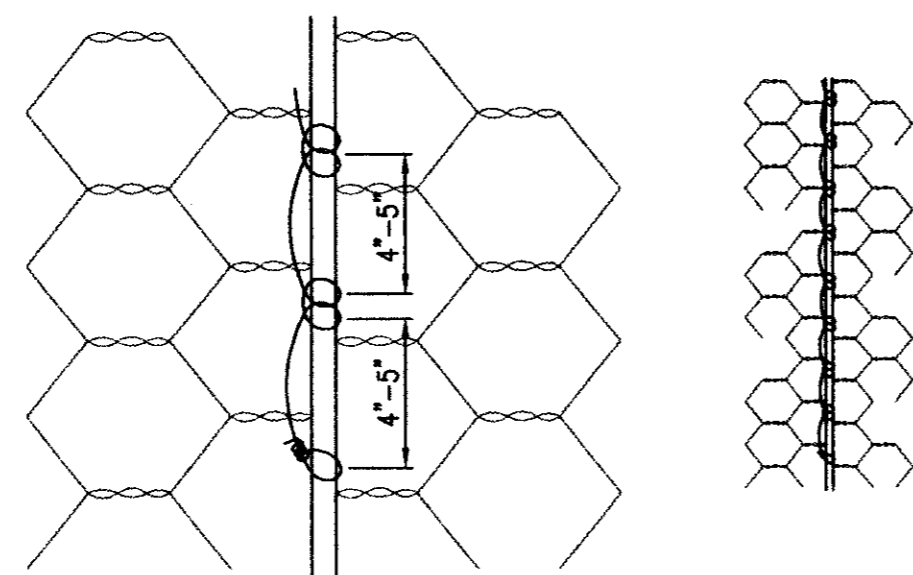


INNER TIE WIRE

N.T.S.

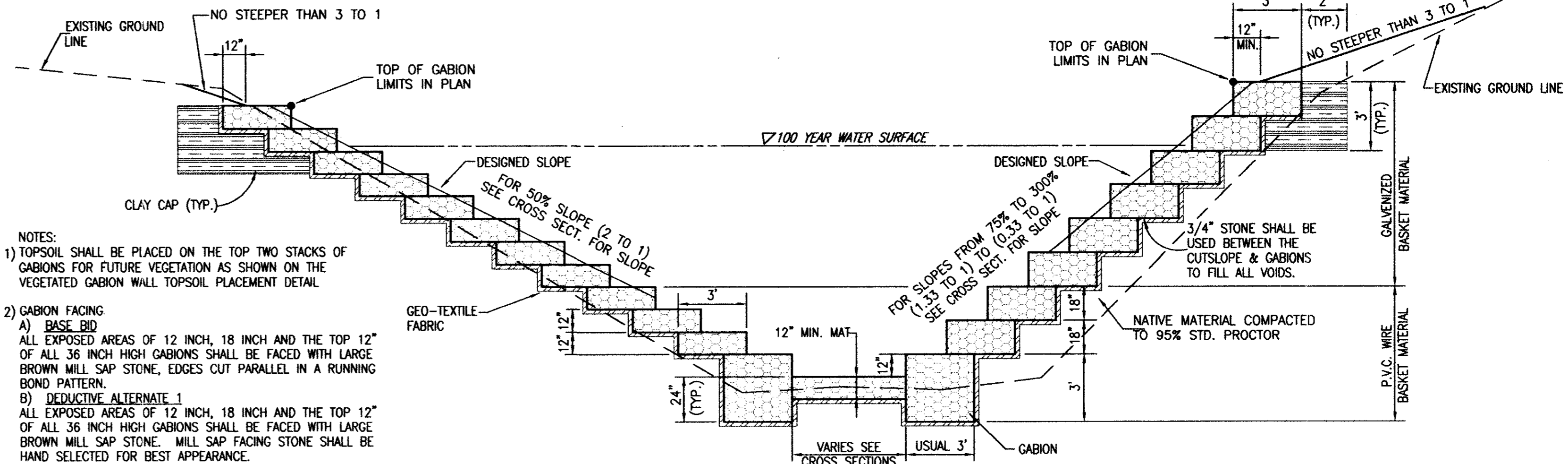


GABION RADIUS PROCEDURE



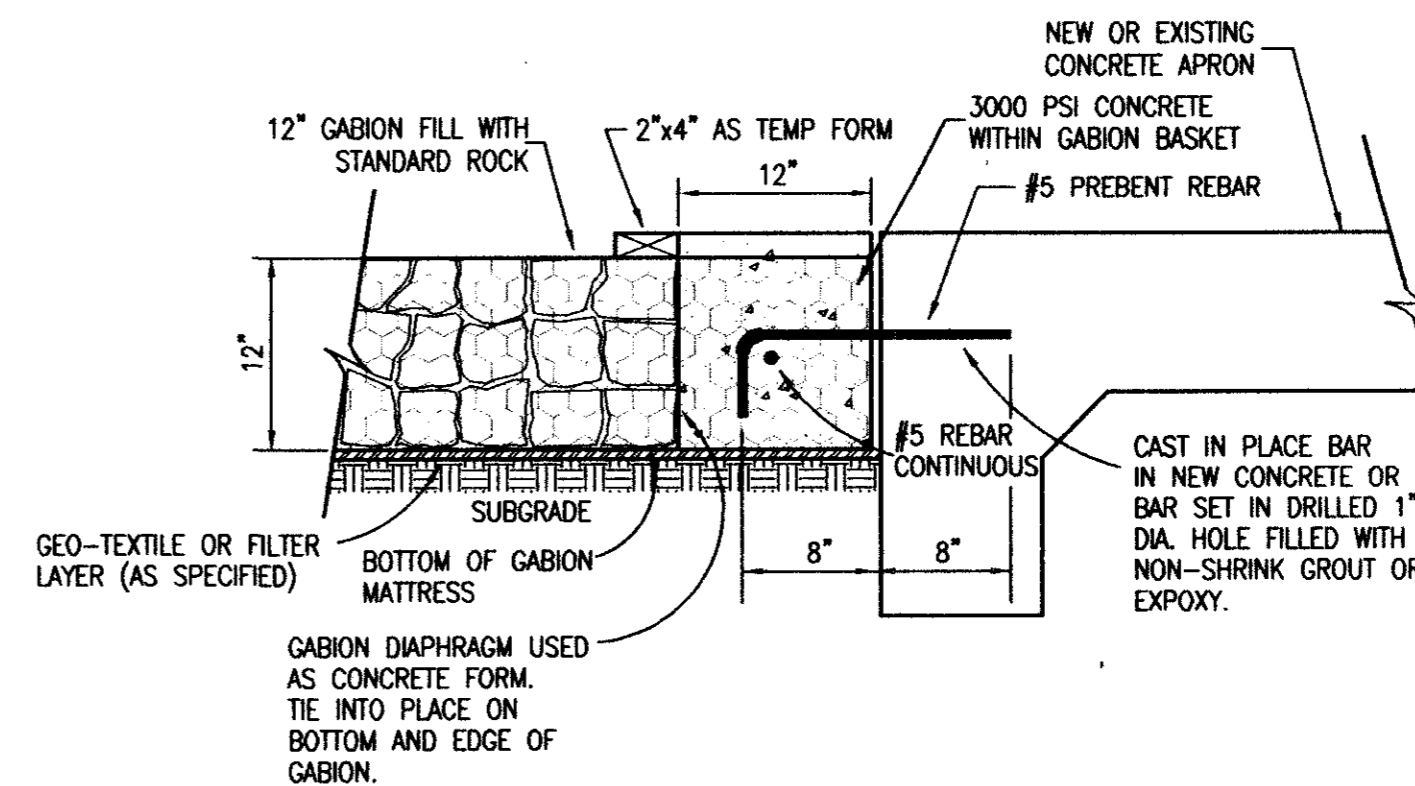
GABION TIE

N.T.S.
NOTE: ALL TYING OF GABIONS SHALL BE AS SHOWN



TYPICAL CHANNEL SECTION W/GABIONS

- NOTES:
- 1) TOPSOIL SHALL BE PLACED ON THE TOP TWO STACKS OF GABIONS FOR FUTURE VEGETATION AS SHOWN ON THE VEGETATED GABION WALL TOPSOIL PLACEMENT DETAIL.
 - 2) GABION FACING
 - A) BASE BID
ALL EXPOSED AREAS OF 12 INCH, 18 INCH AND THE TOP 12" OF ALL 36 INCH HIGH GABIONS SHALL BE FACED WITH LARGE BROWN MILL SAP STONE, EDGES CUT PARALLEL IN A RUNNING BOND PATTERN.
 - B) DEDUCTIVE ALTERNATE 1
ALL EXPOSED AREAS OF 12 INCH, 18 INCH AND THE TOP 12" OF ALL 36 INCH HIGH GABIONS SHALL BE FACED WITH LARGE BROWN MILL SAP STONE. MILL SAP FACING STONE SHALL BE HAND SELECTED FOR BEST APPEARANCE.
 - C) DEDUCTIVE ALTERNATE 2
ALL EXPOSED AREAS OF 12 INCH, 18 INCH AND THE TOP 12" OF ALL 36 INCH HIGH GABIONS SHALL BE FACED WITH STANDARD TAN TO TANNISH BROWN GABION STONE.



GABION MATTRESS TO CONCRETE ATTACHMENT

GENERAL NOTES:

1. CONTRACTOR SHALL PROTECT UNDERGROUND SPRINKLER SYSTEMS. ANY DAMAGED CAUSED DUE TO CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED AT CONTRACTORS EXPENSE. CONTRACTOR SHALL RELOCATE ALL SPRINKLER HEADS KNOWN AND UNKNOWN WITHIN THE LIMITS OF THE PROPOSED TOP OF BANK. THE HEADS SHALL BE LOCATED 3 FEET FROM PROPOSED TOP OF BANK. COST SHALL BE SUBSIDIARY TO THE PROJECT. AT CONTRACTORS EXPENSE. ALL REPAIRS AND RELOCATED WORK SHALL BE UNDERTAKEN BY AN IRRIGATOR LICENSED IN THE STATE OF TEXAS (NO PAY ITEM).
2. CONTRACTOR SHALL HAVE A LICENSED LANDSCAPE FIRM TRIM EXISTING TREES FOR CONSTRUCTION PURPOSES (NO PAY ITEM).
3. CONTRACTOR SHALL FURNISH, PLACE AND MAINTAIN SOLID SOD IN ALL DISTURBED AREAS FROM CONSTRUCTION ACTIVITIES. GROUND SHALL BE AERATED PRIOR TO PLACING SOD. SOLID SOD SHALL BE WATERED A MINIMUM OF TWICE A DAY FOR 45 DAYS.
4. REINFORCED CONCRETE PAVEMENT SHALL BE N.C.T.C.O.G. ITEM 7.4.5, CLASS A CONCRETE, 3000 P.S.I. COMPRESSIVE STRENGTH @ 28 DAYS. MINIMUM 5 SACK CEMENT PER CUBIC YARD. MAXIMUM W/C = 0.5. REINFORCING SHALL BE NO.3 DEFORMED BARS ON 18 INCH CENTERS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (GAS LINES, WATER & SERVICE LINES) BY EXCAVATION PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL USE PEA GRAVEL OF CRUSHED STONE AS FILL MATERIAL BEHIND ALL PROPOSED GABIONS WITH EXPOSED TREE ROOTS.

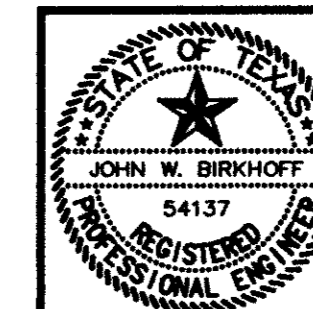
These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Shimek, Jacobs & Finklea, L.L.P.

SIDE OVERLAP LENGTH "L" AS A FUNCTION OF RADIUS "R"	
RADIUS "R"	LENGTH "L"
4'-0"	7 3/4"
5'-0"	6 3/4"
6'-0"	6"
8'-0"	5"
10'-0"	4"
12'-0"	3 1/2"
15'-0"	3"
20'-0"	4 3/4"

*CUT EVERY OTHER CELL

GABION RADIUS PROCEDURE

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
John W. Birkhoff
DATE: 10/21/97



TOWN OF ADDISON, TEXAS

TOWNHALL STREAM BANK EROSION PROTECTION MISCELLANEOUS DETAILS

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: M.H. PROJECT: 97151 SHEET NO. 8
DRAWN BY: J.L.Y. DATE: OCTOBER, 1997 OF 9 SHEETS