EXISTING ROCK WALL BEYOND 1'-3"± 6'-3"±

EXISTING ROCK WALL BEYOND

6" DIA. PVC SCHEDULE 40 DRAIN w/ NO. 10 GALVANIZED WIRE MESH SCREEN @ 6'-0" O.C. VERTICALLY & HORIZONTALLY, TYP

1.325" Ø MAI GROUTABLE, FULLY GALVANIZED STEEL ANCHOR w/ 2 1/2" Ø SACRIFICIAL BIT OR APPROVED EQUAL. GROUT TO BE 4,000 PSI. REFER TO ELEVATION FOR HORIZONTAL SPACING, TYP.

6" THICK GUNITE, F'c=4000 PSI w/ 6"x6"/2.0x2.0 WELDED, GALVANIZED STEEL WIRE FABRIC, TYP.

EXISTING/FINISH GRADE BEHIND WALL
EXISTING/FINISH GRADE IN FRONT OF WALL

WALL ELEVATION SCALE: 1/4"=1'-0"

WALL ELEVATION SCALE: 1/4"=1'-0"

WALL ELEVATION SCALE: 1/4"=1'-0"
EXISTING PAVEMENT

TOTAL 17'-0" MIN.
7'-0" MIN. INTO ROCK

1.325" Ø MAI GROUTABLE, FULLY GALVANIZED STEEL ANCHOR
w/ 2 1/2" Ø SACRIFICIAL BIT OR APPROVED EQUAL.  GROUT TO BE 4,000 PSI.  REFER TO ELEVATION FOR HORIZONTAL SPACING, TYP.

6" THICK GUNITE, F'c=4000 PSI w/ 6"x6"/2.0x2.0 WELDED, GALVANIZED STEEL WIRE FABRIC, TYP.

4" DIA. PVC SCHEDULE 40 DRAIN w/ NO. 10 GALVANIZED WIRE MESH SCREEN @ 6'-0" O.C. VERTICALLY & HORIZONTALLY, TYP.

EXISTING ROCK WALL TIE-BACK. REFER TO SHEET S100 & S101.

#3 HOOKED EPOXY DOWELS @ 36" O.C. VERTICALLY & HORIZONTALLY

6" THICK GUNITE F'c= 4,000 PSI

2-#5 CONT., TYP.

#5 X 24" HORIZ. EA. SIDE OF TIE BACK

Vehicles, construction equipment or materials are not permitted within 15 feet of the existing retaining wall until the wall has been stabilized.
Contractor shall exercise caution when working around existing electrical overhead lines & around existing structures.
Lock-off load for tieback = 5 kips
Allowable maximum load for tieback = 15 kips