GENERAL NOTES

DESIGN

PRESTRESSING STEEL
Bare - ASTM Designation: A722 Type 13 (150 Ksi) Strand Tendons - ASTM Designation: A416 (270 Ksi Low Relaxation steel)
FIL = Factored Test Load per anchor (Kips) fpu = Minimum tensile strength of prestressing steel
As = Minimum cross sectional area of prestressing steel in ground anchor (Square inch)

NOTES:
A) Level of initial grouting for drilled hole 6" in diameter or smaller
B) Level of secondary grouting
C) Level of initial grouting for inside corrugated sheathing
D) Bonded length shall be determined by the contractor
E) For unbonded length, see PROJECT PLANS
F) For inclination, see PROJECT PLANS
G) Face of Wall Excavation

PRESTRESSING STEEL:

PRESTRESSING STEEL:

Flange, Min Thickness = 1/8"

ANCHORAGE ENCLOSURE DETAILS

ANCHORAGE ENCLOSURE DETAILS

ALTERNATIVE X

ALTERNATIVE Y

GROUND ANCHOR TENDON DETAIL (STRANDS)

GROUND ANCHOR TENDON DETAIL BAR(S)

LEVELS OF INITIAL GROUTING FOR DRILLED HOLES 6 IN DIAMETER OR SMALLER

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NOTE:
1. Anchorage enclosure shall only be used when anchor head assembly is not enclosed in concrete.
2. Anchorage enclosure shall have provisions to allow injecting grout at low end and venting at high end. Galvanize after fabrication.
3. silicone sealant to cover full width of flange.
4. Steel tube (Min thickness = 3/4") welded to bearing plate. Galvanize assembly after fabrication.
5. Steel tube welded to bearing plate, inside diameter of steel tube (Min thickness = 3/4") to be 1" greater than outside diameter of smooth sheathing.
7. For other wall details, see PROJECT PLANS.

PRESTRESSING STEEL:

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Level of initial grouting for smooth or corrugated sheathing.

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PROJECT PLANS

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