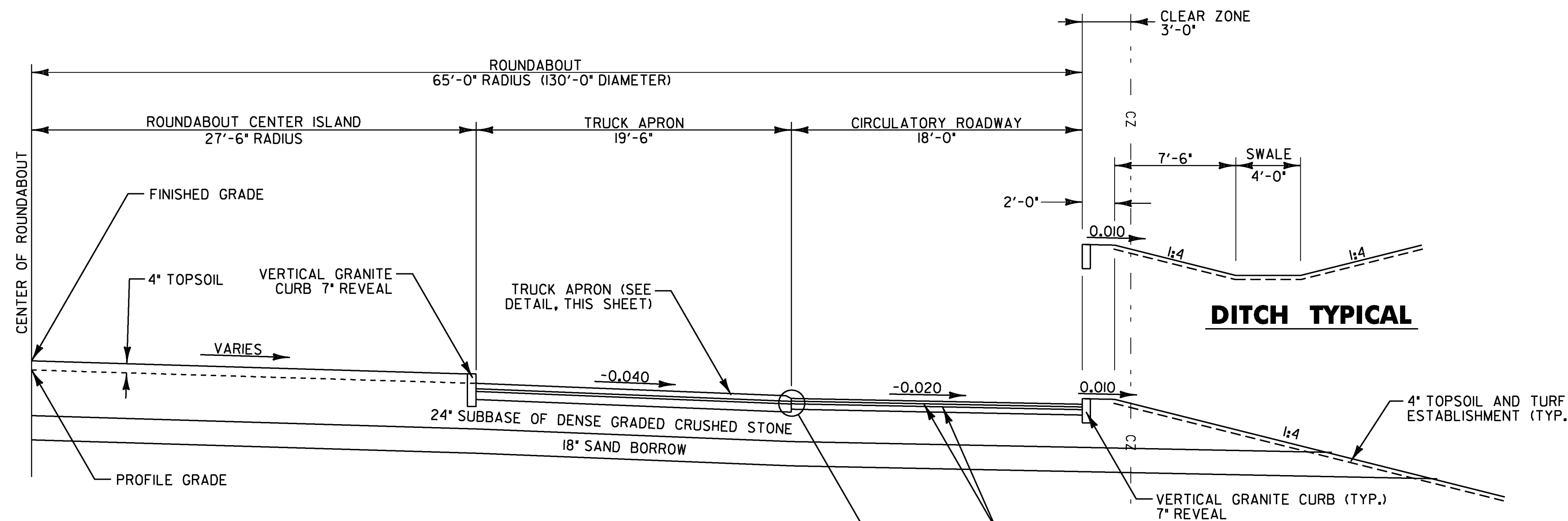


TYPICAL SECTIONS

$\frac{3}{4}$ " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
 $\frac{3}{4}$ " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
 $\frac{3}{4}$ " SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
 24" SUBBASE OF DENSE GRADED CRUSHED STONE
 18" SAND BORROW



ROUNDABOUT SECTION
NOT TO SCALE

DITCH TYPICAL

FILL SLOPE

GENERAL NOTES:

- CONCRETE FOR THE APPROACH ISLANDS SHALL BE PAID FOR UNDER ITEM NO. 900.675 - SPECIAL PROVISION (PORTLAND CEMENT CONCRETE ISLAND TREATMENT, 4 INCH).
- CONCRETE FOR THE TRUCK APRON SHALL BE PAID FOR UNDER ITEM NO. 900.675 - SPECIAL PROVISION (STAMPED COLORED CONCRETE ISLAND, 8 INCH)
- GRANULAR BORROW SHALL MEET THE REQUIREMENTS OF SUBSECTION 703.04 IN THE VERMONT 2006 STANDARD SPECIFICATIONS FOR CONSTRUCTION. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID PRICE FOR ITEM 900.675 SPECIAL PROVISION (REINFORCED SOIL SLOPE).

REINFORCED SOIL SLOPE NOTES:

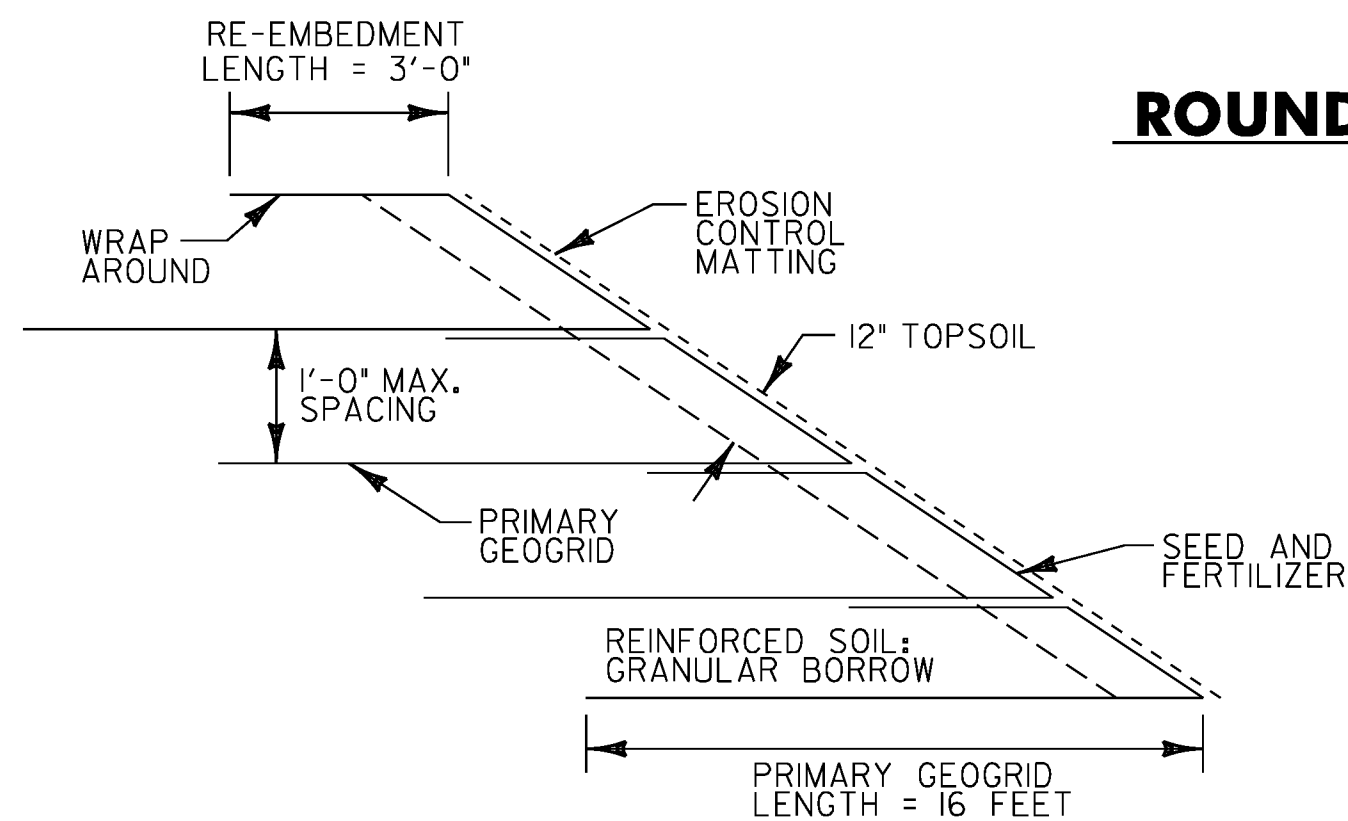
- IN AREAS WHERE DRAINAGE ELEMENTS AND THE REINFORCED SOIL SLOPE MEET, A MINIMUM OF 3' OF SOIL SHALL SEPARATE THE DRAINAGE ELEMENT AND THE GEOGRID MATERIAL.
- ALLOWABLE STRENGTH (NOMINAL LONG TERM STRENGTH):

$$T_{dl} = \frac{T_{ult}}{(RF_d \times RF_{\phi} \times RF_{cr})}$$
- MINIMUM T_{ult} SHALL BE 1600 LBS/FT. THE PULLOUT RESISTANCE FACTOR SHALL BE 0.50.

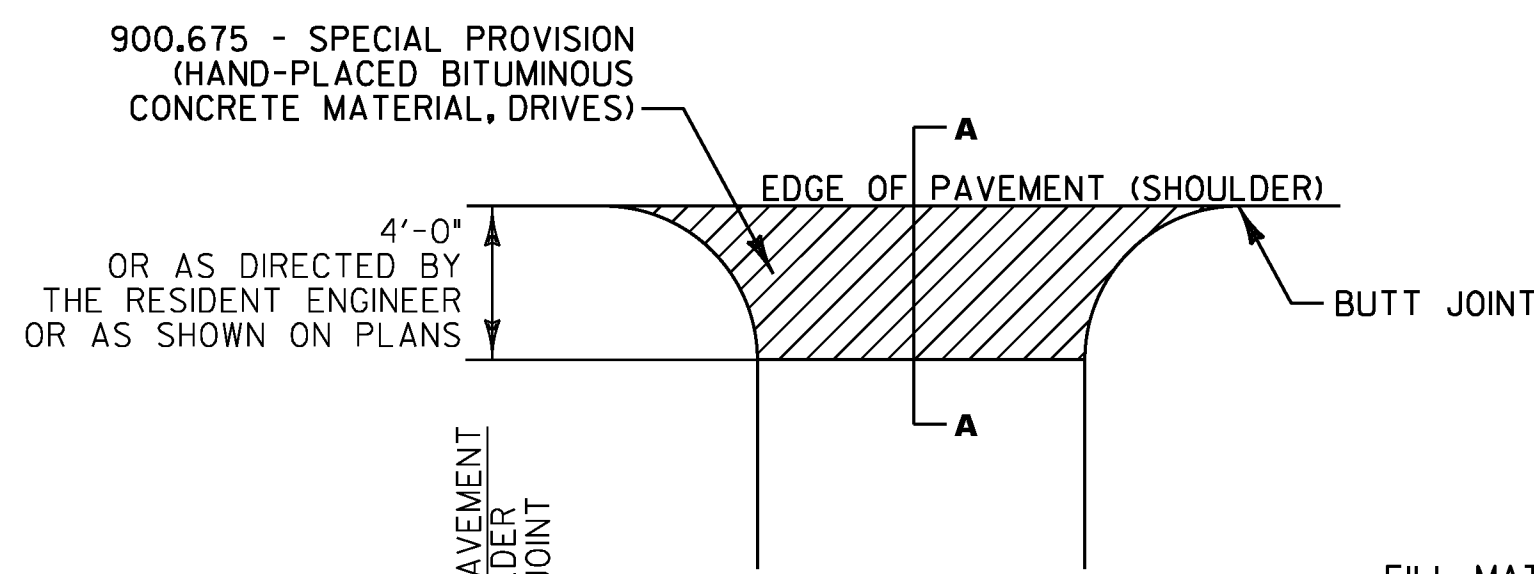
$$F = (0.8 \times \tan(\phi))$$
- AT EACH PROPOSED GUARD RAIL POST LOCATION, THE CONTRACTOR SHALL INSTALL A ONE-FOOT DIAMETER SONO-TUBE OR AN APPROVED EQUAL. THESE SONO-TUBES SHALL BE INSTALLED TO A DEPTH EQUAL TO THE MAXIMUM DEPTH OF EACH INDIVIDUAL GUARD RAIL POST, AND SHALL BE CENTERED TO EACH INDIVIDUAL GUARD RAIL POST. IN EACH CORRESPONDING LAYER OF GEOGRID, A ONE-FOOT SQUARE OPENING SHALL BE MADE TO ACCOMMODATE THE SONO-TUBE. AFTER EACH OF THE LAYERS OF GEOGRID IS INSTALLED, THE SONO-TUBES SHALL BE BACKFILLED WITH GRANULAR BACKFILL AND THE GUARD RAIL POSTS INSTALLED. ONCE GUARD RAIL HAS BEEN INSTALLED, THE SONO-TUBES MAY REMAIN IN PLACE AND SHALL BE CUT, AS NECESSARY, TO AN ELEVATION BENEATH FINISHED GRADE. THE SONO-TUBES SHALL BE PAID FOR UNDER ITEM 900.675 - SPECIAL PROVISION (REINFORCED SOIL SLOPE).
- AT NO POINT ALONG THE SLOPE SHALL THE GEOGRID BE EXPOSED TO DAYLIGHT AFTER INSTALLATION.

HANDWORK NOTES:

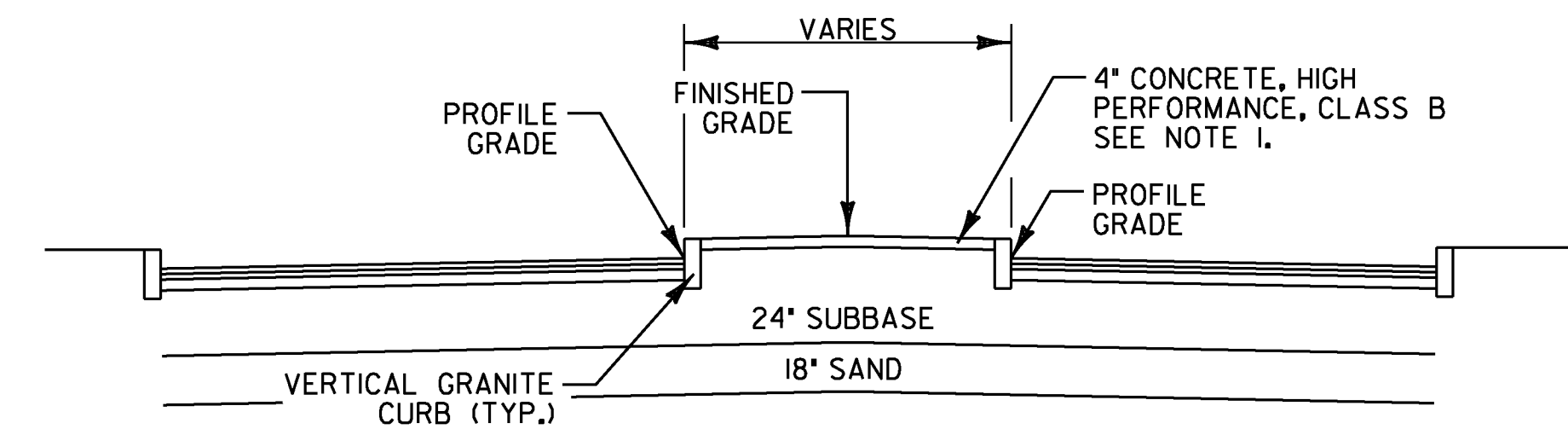
- PAVING LIFT SHALL BE A MINIMUM OF 1-1/2" AND A MAXIMUM OF 2".
- THE COST OF PROVIDING AND PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINT, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE INCLUDED IN THE UNIT BID FOR ITEM 900.675 - SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 - SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).



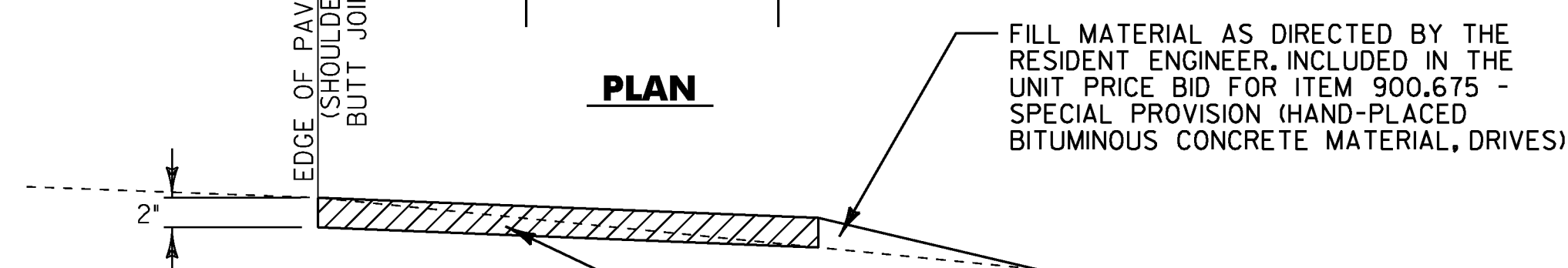
WRAPPED FACE DETAIL
NOT TO SCALE



PLAN



APPROACH ISLAND DETAIL
NOT TO SCALE



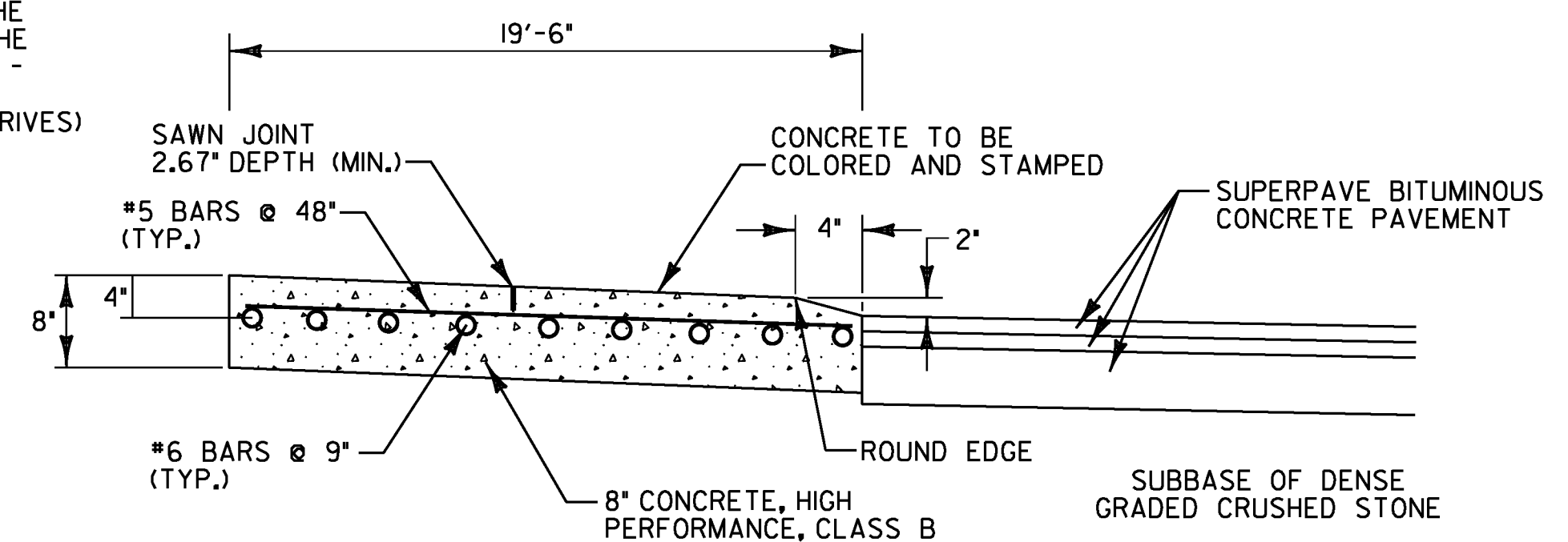
SECTION A-A

STATION	QUANTITY (SY)
93+82, L.T.	24.7 SY
41+18, RT.	11.1 SY
42+13, L.T.	16.6 SY
62+10, RT.	9.49 SY

DRIVE LOCATION SUMMARY

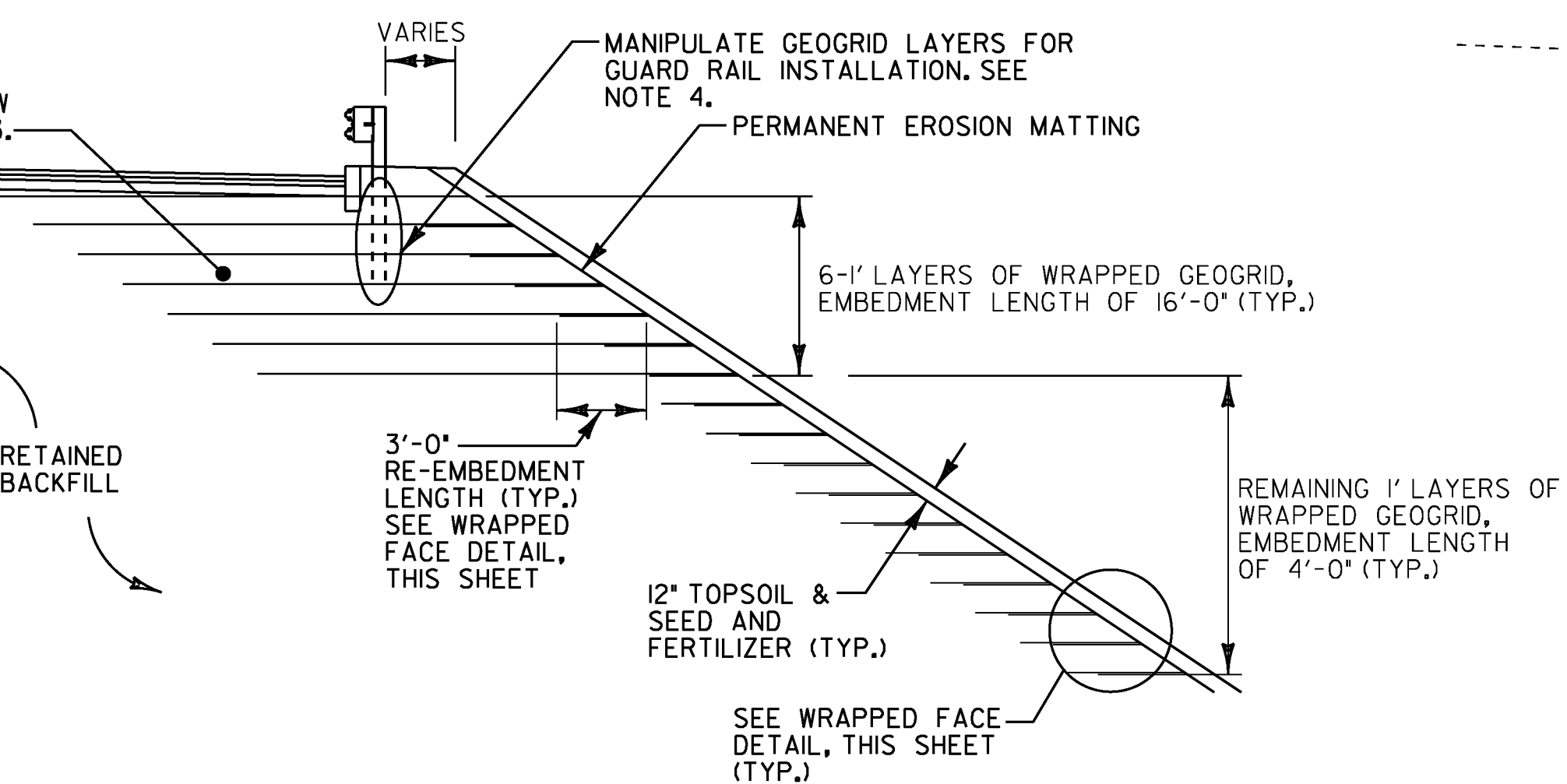
AREAS FOR 900.675 - SPECIAL PROVISION (HAND-PLACED BIT. CONC. MATERIAL, DRIVES)

ITEM NO. 900.675 - SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)
NOT TO SCALE



NOTE: ALL REINFORCING STEEL SHALL BE EPOXY COATED SAND BORROW

TRUCK APRON DETAIL
NOT TO SCALE



SPECIAL PROVISION (REINFORCED SOIL SLOPE)
NOT TO SCALE

PROJECT NAME: HYDE PARK	PLOT DATE: 08-DEC-2010
PROJECT NUMBER: HES 030-2(23)	DRAWN BY: MBL
FILE NAME: +08b126frm.dgn	CHECKED BY: JAD
PROJECT LEADER: JLS	TYPICAL SECTIONS SHEET 2
DESIGNED BY: MBL	SHEET 4 OF 100