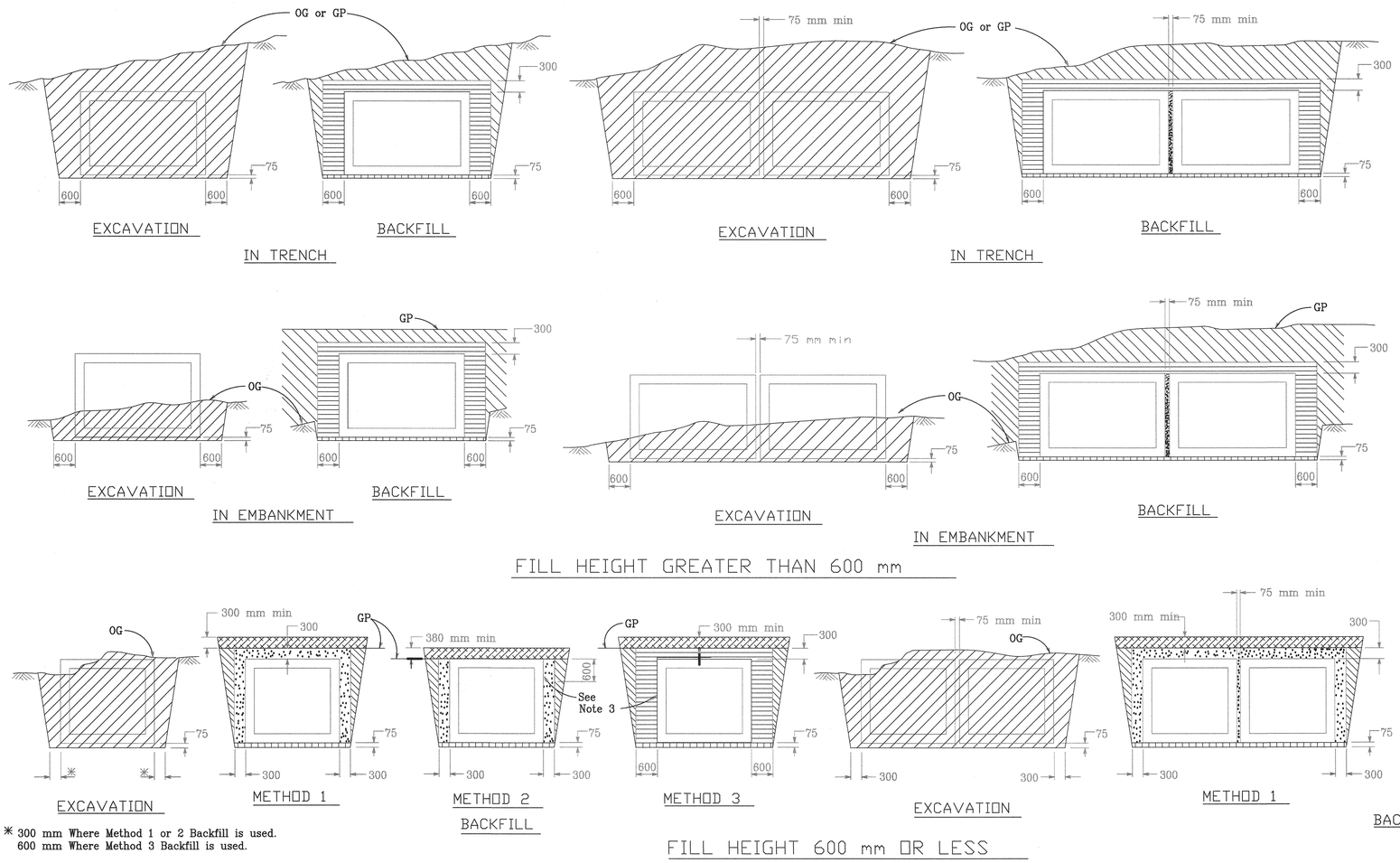
FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES

PLANS	BY	DATE
DESIGNED		
CHECKED		
DELINEATED		

REGISTERED PROFESSIONAL ENGINEER
Gerard Dalziel
No. 36333
Exp. 06/30/06
CIVIL
STATE OF CALIFORNIA

WILLDAN – Serving Public Agencies
5930 Cornerstone ct. West, Ste 300
San Diego, California 92121
Tel 858.467.6950, Fax 858.467.1346

REGISTERED CIVIL ENGINEER 8/15/05 DATE



* 300 mm Where Method 1 or 2 Backfill is used.
600 mm Where Method 3 Backfill is used.

- Structure excavation (Culvert)
- Structure backfill (Culvert) 95% relative compaction
- Roadway embankment
- Slurry cement backfill
- Sand bedding (Culvert)
- Roadway structural section
- Original ground

NOTES:

1. Slope or shore excavation sides as necessary.
2. Dimensions shown are minimum.
3. Method 2 and 3 for single or multiple boxes requires an approved external sealing band. See "Precast RCB Culvert, Reinforcement and Design Tables" sheet.
4. Construction of Roadway Structural Section in Method 2 or Method 3 shall not disturb the external sealing band installation.

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

S:\LDD Design\Valley Center Road\UJ1101\Addendum #2\VCR-NORTH\
C-St221R-C – DET3-VCRN.dwg
17:00 08/15/05

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5555 OVERLAND AVENUE, SAN DIEGO, CA 92123-1295

REVISIONS	BY	APPROVED	DATE

COORDINATE INDEX
370 N. 1761 E.
CONST. COMPL.
FIELD REVISIONS

VALLEY CENTER ROAD
CULVERT - PRECAST RCB

EXCAVATION AND BACKFILL DETAILS

SCALE: HOR. AS NOTED VERT. AS NOTED
W.A. UJ1101 R.S. 1838-3 TO -6
FILE NO.
SHEET 221R-C OF 256 SHEETS