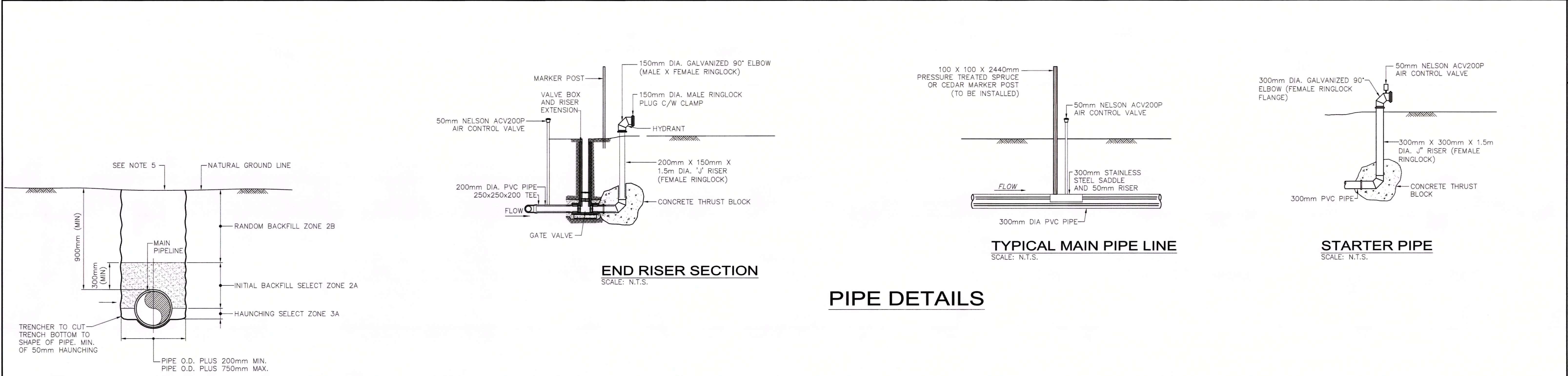


File Name: \\k-file-4\p-data\Projects\2015\15-0006-008\Drawings\15-0006-008-C05.dwg — Tab: C05 Plotted By: rmeilleur 16/07/15 [Fri 11:58am]



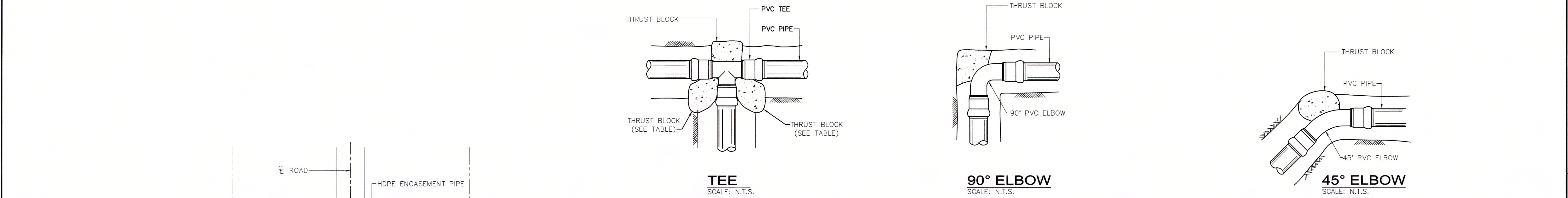
DETAIL - TYPICAL TRENCH (FOR TRENCH WITH CABLE) (SEE FIG02)
SCALE: N.T.S.

END RISER SECTION
SCALE: N.T.S.

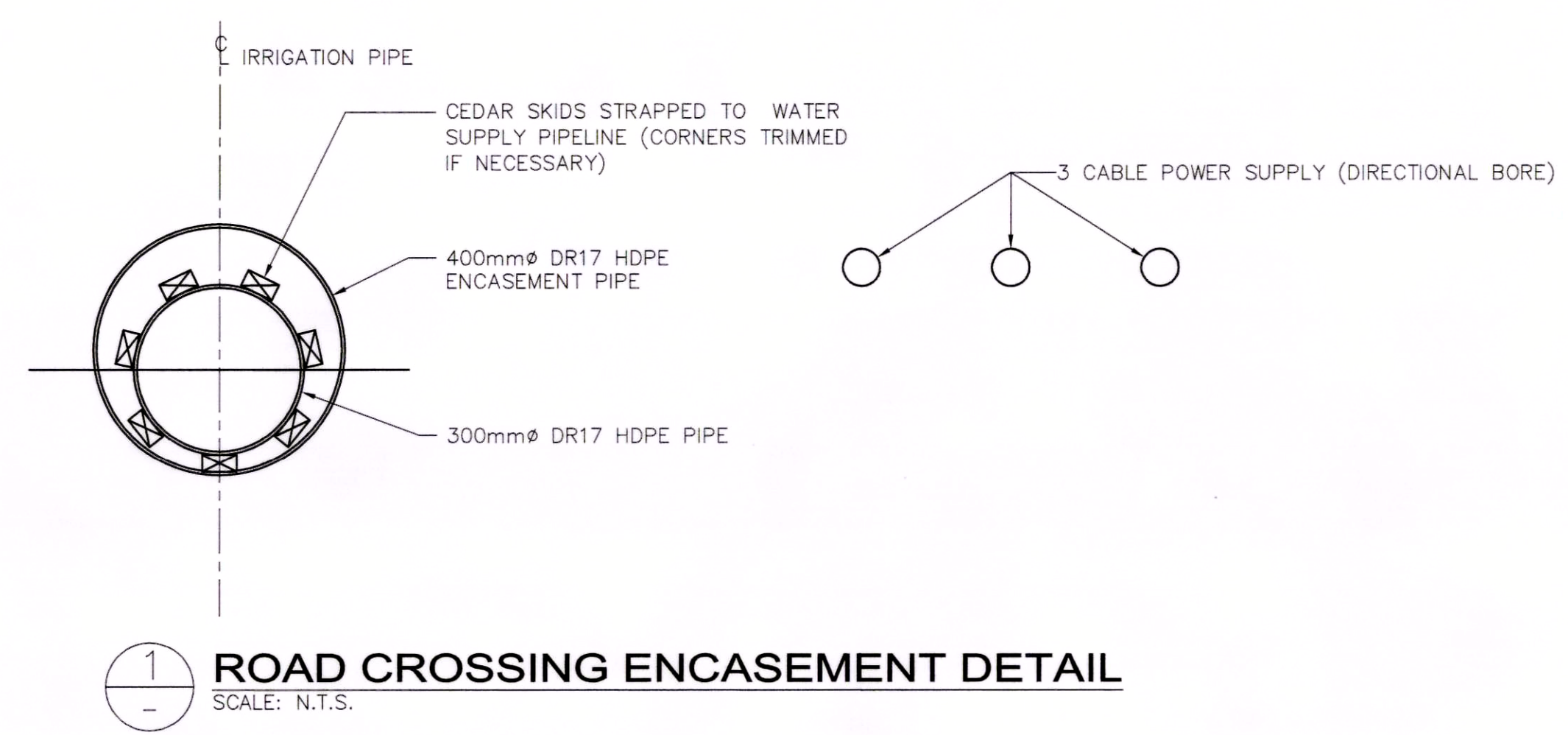
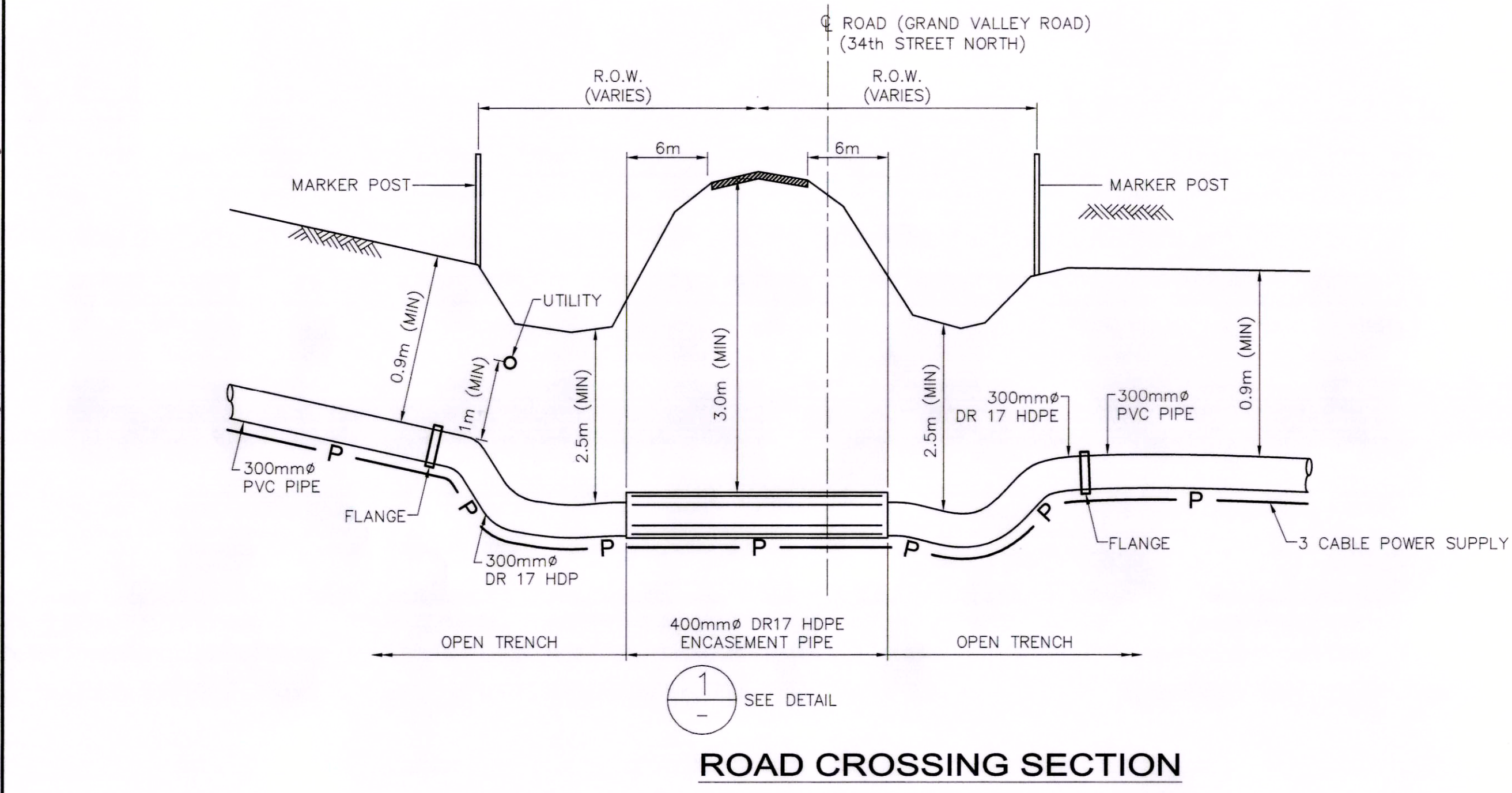
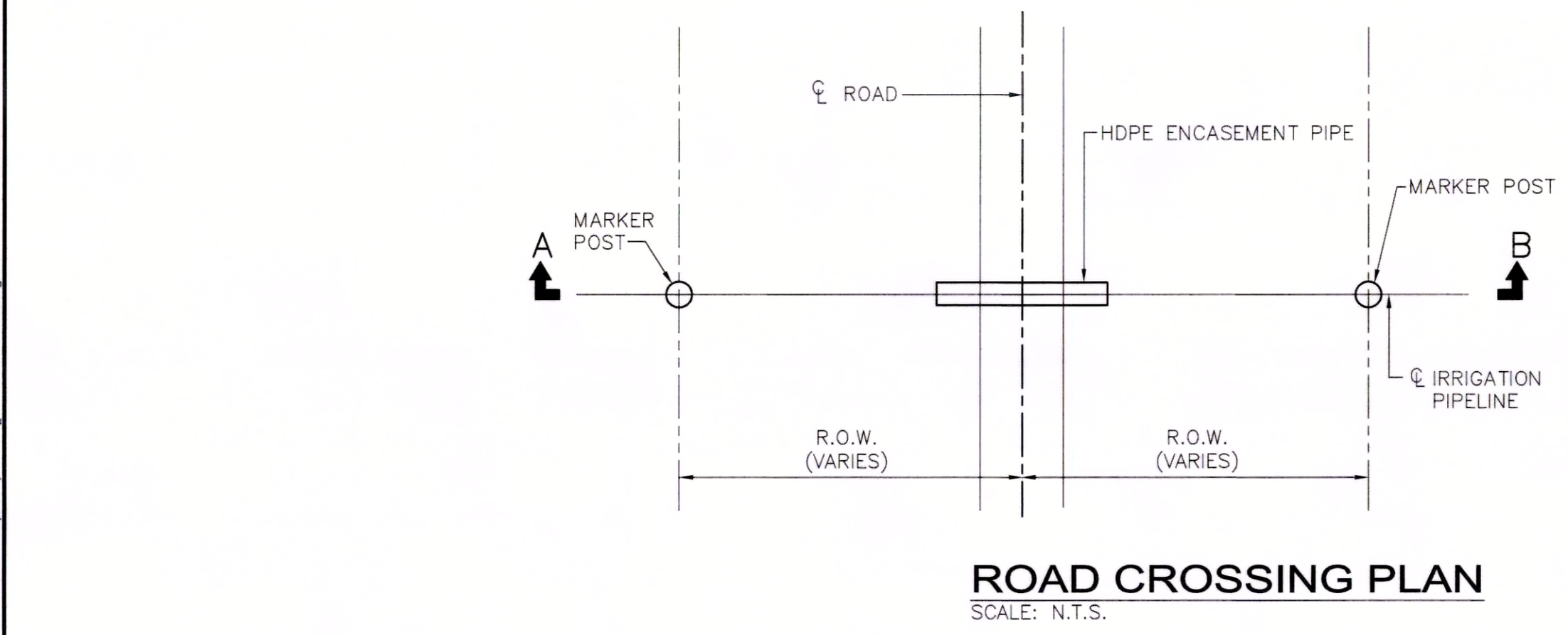
TYPICAL MAIN PIPE LINE
SCALE: N.T.S.

STARTER PIPE
SCALE: N.T.S.

PIPE DETAILS



TYPICAL THRUST BLOCK DETAILS (SEE TABLE, C01)



TYPICAL GRAND VALLEY AND 34TH STREET E ROAD CROSSING

SCALE: N.T.S.

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

NOTES

- UTILITY CROSSINGS TO BE CONDUCTED IN ACCORDANCE WITH UTILITY AUTHORITY.
- UTILITIES TO BE EXPOSED USING HYDROVAC OR HAND EXCAVATION METHOD.
- MINIMUM 1m CLEARANCE MAINTAINED BELOW UTILITIES. CROSSING PLAN TO BE APPROVED BY AUTHORITIES.
- UTILITIES TO BE BACKFILLED WITH CLEAN, COMPACTED FILL, FREE OF ROCKS, SHARP OBJECTS, OR DEBRIS.
- TOPSOIL STRIPPED AND STOCKPILED TO A DEPTH OF 100mm. TOPSOIL REPLACED AFTER BACKFILLING. SEEDING REQUIRED AT ROAD CROSSINGS AND WITHIN AAFC YARD.

APEGN
Certificate of Authorization
KGS Group
No. 245

PROVINCE OF MANITOBA
R.D. SINCLAIR
REGISTERED PROFESSIONAL ENGINEER

KGS GROUP
CONSULTING ENGINEERS

0	ISSUED FOR TENDER	2016/07/16
Revision	Description	Date
Client		client

Project

Project

BRANDON RESEARCH CENTRE IRRIGATION SYSTEM

Designed by **KDT** Compu par **RR**

Drawn by **RR** Dessiné par **RR**

Approved by **RDS** Approuvé par **RDS**

PWGSC Project Manager Administrateur de Projets TPSGC

RK

Drawing title **PIPING DETAILS** Titre du dessin

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.077363.002	C05 OF 7	0