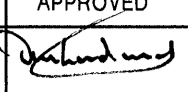


AMENDMENTS

No.	DATE	DESCRIPTION	APPROVED
1	10/7/08	OFFSET DIMENSIONS FOR SIGNAL POSTS AND CONTROL PITS ADDED.	 21.09.08

NOTES

- ALL ROAD CROSSINGS ASSUMED TO BE INSTALLED BY DIRECTIONAL BORING UNLESS OTHERWISE APPROVED BY SUPERINTENDENT AND THEN AS PER TYPICAL ROAD SECTION (OPEN TRENCHED).
- STAR WIRING SYSTEM WITH 19 CORE POLE CABLES WIRED INDIVIDUALLY BACK TO CONTROLLER.
- MAXIMUM 6 LOOP FEEDER CABLES IN A SINGLE 50mm CONDUIT.

DESIGN GUIDELINE FOR INFORMATION ONLY

CONTRACTOR / CONSULTANT JOINT VENTURE

**Downer ENGINEERING** Downer Electrical Pty Ltd  
A DIVISION OF DOWNER ENGINEERING  
 ACN 007 102 516  
 ABN 76 007 102 516  
 33 Kewdale Road WELSHPOOL, WA 6105 Telephone : (08) 9351 3300  
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**GHD** 'GHD House', 239 Adelaide Terrace Perth WA 6004  
 PO Box Y3106 Perth WA 6832 Australia  
 T (08) 6222 8222 F (08) 6222 8555  
 E permail@ghd.com.au www.ghd.com.au

JOB NO 61-1068502	DRAWING PATH N:\61\1068502\CAD\0648-3002	DATE	19.04.2007
DESIGNED/DRAWN	R. DODDS	DATE	30.05.2007
VERIFIED	S. T. TAN	DATE	30.05.2007
APPROVED	E. P. GEIDANS	DATE	30.05.2007

Government of Western Australia  
**MAIN ROADS** Western Australia  
 METROPOLITAN REGION  
 WATERLOO CRESCENT EAST PERTH 6004  
 Telephone (08) 9323 4111 Fax (08) 9323 4684

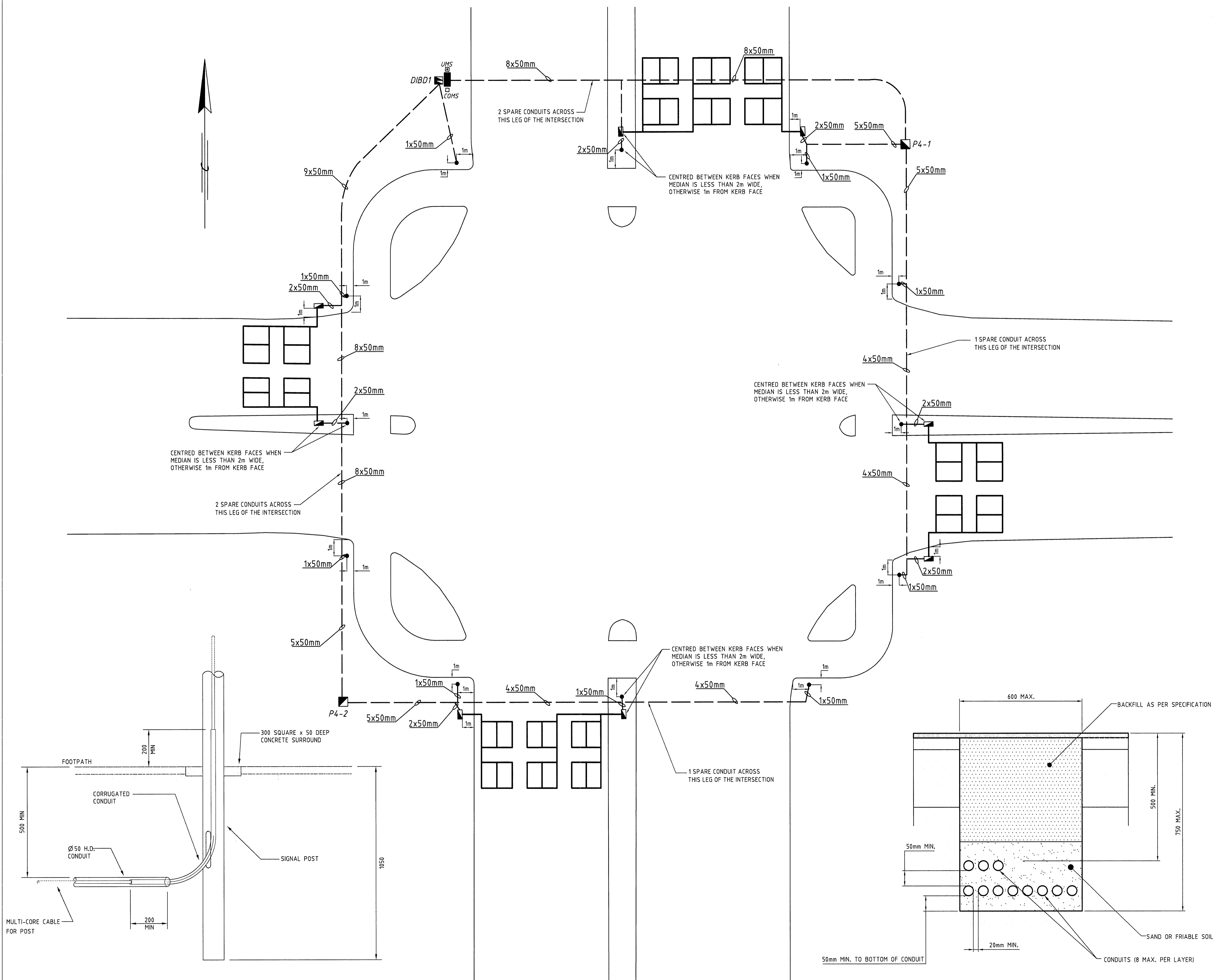
AUTHORISED	DATE
APPROVED	DATE

STAR WIRING SYSTEM STANDARD DRAWING  
 TYPICAL 4 WAY INTERSECTION CONDUIT LAYOUT

LOCAL AUTHORITY  
 DRAWING TYPE  
 09:00

DRAWING NUMBER  
 0648-3002-1

AMEND.  
 A 1



SECTIONAL ELEVATION  
 SIGNAL POST INSTALLATION DETAIL  
 N.T.S.

TYPICAL ROAD SECTION (OPEN TRENCHED)  
 N.T.S.

SCALE 1:125  
 MICROFILM DATE A 1