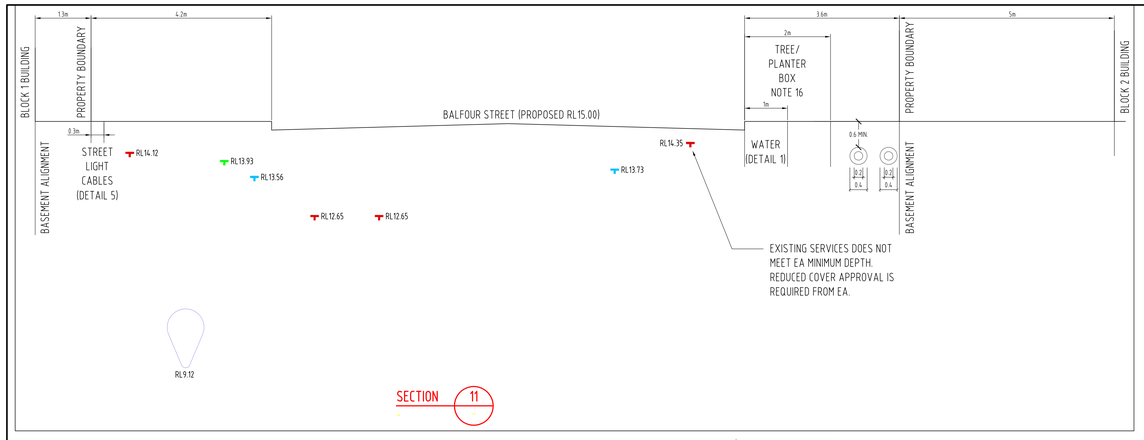
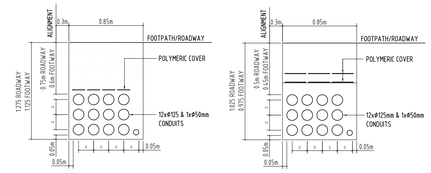
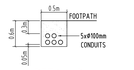


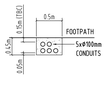


DETAIL '1' - ELECTRICAL CONDUITS DIRECT BURIED
N.T.S.

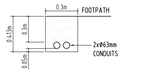
DETAIL '2' - ELECTRICAL CONDUITS CONCRETE ENCASED
N.T.S.



DETAIL '3' - COMMS DIRECT BURIED
N.T.S.



DETAIL '4' - COMMS CONCRETE ENCASED
N.T.S.



DETAIL '5' - PATHWAY/STREET LIGHT CONDUITS DIRECT BURIED
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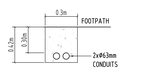
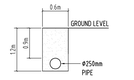
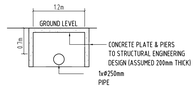


DETAIL '6' - PATHWAY/STREET LIGHT CONDUITS CONCRETE ENCASED
N.T.S.



DETAIL '7' - GAS MAINS DIRECT BURIED
N.T.S.



DETAIL '8' - GAS MAINS IN CONCRETE PROTECTED
N.T.S.

SURVEYORS NOTES

SERVICE & UTILITIES SHOWN ON PLAN HAVE BEEN LOCATED BY PHYSICAL EVIDENCE ON SITE &/OR BY REFERENCE TO SERVICE PLANS FROM STATUTORY AUTHORITIES. SOME PITS MAY NOT HAVE BEEN OPENED TO VERIFY THE TYPE OF UTILITY. NEITHER EXCAVATION NOR POTHOLING HAVE BEEN CARRIED OUT TO CONFIRM UNDERGROUND LOCATION. SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITY DURING DESIGN & PRIOR TO ANY CONSTRUCTION.

THE POSITION AND DEPTH OF SERVICES SHOWN HEREON ARE APPROXIMATE ONLY AND HAVE BEEN SURVEYED USING VISIBLE SERVICES, SERVICE PLANS FROM AUTHORITIES AND UNDERGROUND LOCATING TECHNIQUES. IT WAS NOT ALWAYS POSSIBLE TO LOCATE DEPTHS ON SOME SERVICES OR CHANGES IN DIRECTION OR GRADE.

WHERE THE LOCATION AND DEPTH OF A SERVICE IS CRITICAL, EXCAVATION OR POTHOLING WILL BE REQUIRED TO ACCURATELY LOCATE THE SERVICE.

DEPTHS TO GAS, WATER, SIGNALS AND ELECTRICITY WHERE SHOWN ARE TO THE TOP OF THE SERVICE.

TELSTRA ADVISES NOT TO SHOW ANY DEPTHS TO THEIR COMMUNICATION LINES.

DEPTHS TO DRAINAGE AND SEWER LINES ARE TO THE INVERT OF THE PIPE.

• CONTOURS ARE INDICATIVE ONLY. CONTOUR INTERVAL 0.5m.

• USERS OF THIS DRAWING HAVE A DUTY OF CARE TO CONTACT "DIAL BEFORE YOU DIG" FREE CALL 1100 OR FOR SPEED OF RESPONCE VISIT www.dialbeforeyoudig.com.au

• TELSTRA ADVISES THAT THIS SITE IS WITHIN THE PROXIMITY OF SOME OF THEIR MAJOR NETWORK. AS PART OF YOUR DUTY OF CARE PLEASE CONTACT THE NETWORKING INTEGRITY AND COMPLIANCE GROUP (1800 653955) PRIOR TO PROCEEDING WITH ANY WORK.

• AS PART OF YOUR DUTY OF CARE PLEASE CONTACT THE FOLLOWING:

AGILITY GAS Ph: 132909
ENERGY AUSTRALIA Ph: 131003
INTEGRAL ENERGY Ph: 131003
SYDNEY WATER Ph: 132992
OPTUS-VISION Ph: 1800505777

• THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF FRASERS BROADWAY PTY LTD.

• THE POSITION OF SURVEYED DATA IN RELATION TO THE BOUNDARY IS APPROXIMATE AND DIAGRAMMATIC ONLY AS BOUNDARIES HAVE NOT BEEN DEFINED AS PART OF THIS SURVEY. BOUNDARIES SHOULD BE MARKED IF CONSTRUCTION IS PROPOSED ON THE SITE.

• THE POSITION OF SURVEYED DATA HAS BEEN LOCATED AND IS SHOWN TO TOPOGRAPHIC ACCURACIES. IF CLEARANCES TO BOUNDARIES OR OTHER FEATURES ARE CRITICAL AND DIMENSIONS ARE NOT SHOWN FURTHER SURVEY MAY BE REQUIRED.

• BOUNDARIES HAVE NOT BEEN DEFINED AS PART OF THIS SURVEY.

• ANY CONSTRUCTION ON OR NEAR BOUNDARIES WILL REQUIRE FURTHER SURVEY IN ORDER THAT MARKS DEFINING BOUNDARIES CAN BE PLACED.

• COPYRIGHT © DEGOTARDI SMITH & PARTNERS SURVEYORS 2008.

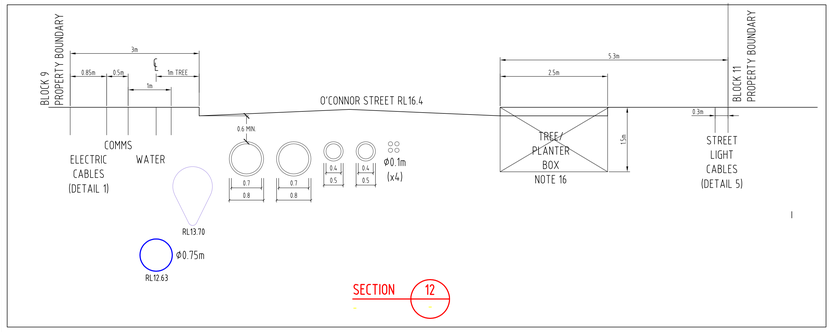
ANY PERMITTED DOWNLOADING, ELECTRONIC STORAGE, DISPLAY, PRINT, COPY OR REPRODUCTION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.

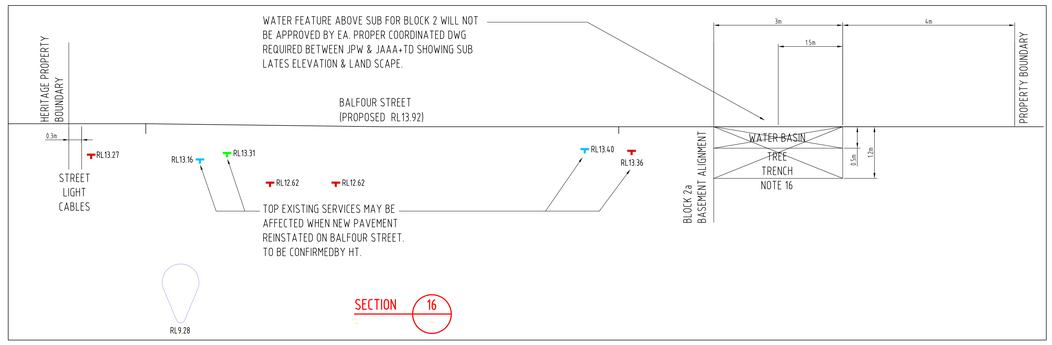
THIS NOTICE MUST NOT BE ERASED.

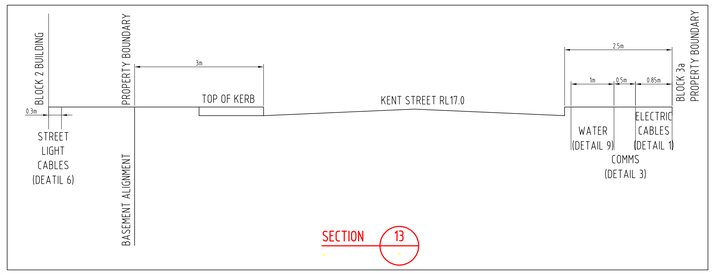
DATE	REV	AMENDMENT	BY	CHKD
06.05.09	01	PLANNING APPLICATION ISSUE	TDG	NJM

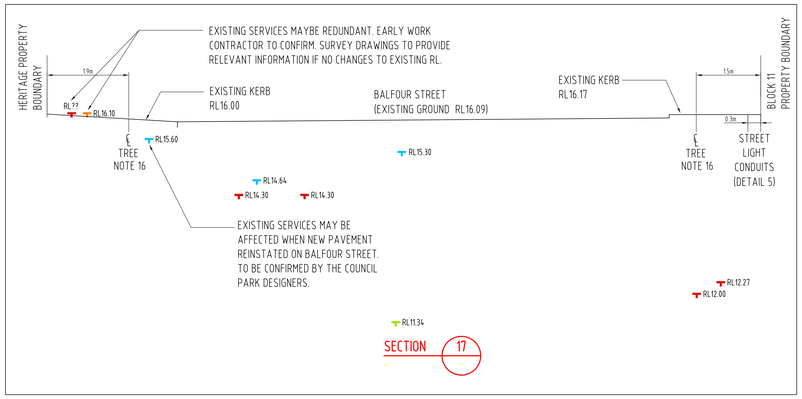
NOTES

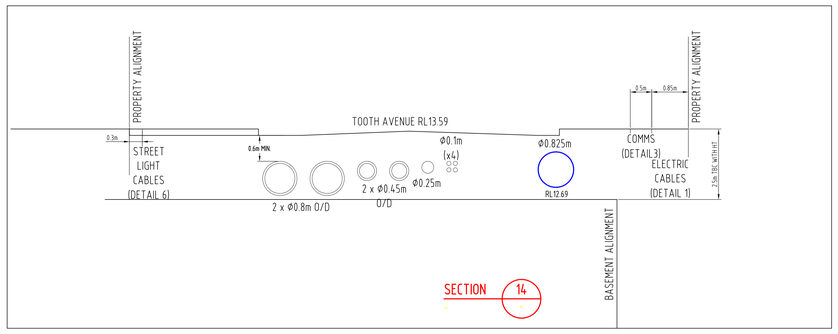
1. REFER TO DRAWING No. E4750 FOR SITE PLAN DETAILS INCLUDING EXISTING AND PROPOSED SERVICES.
2. THE PROPOSED LAYOUT FOR INCOMING SERVICES IS PROVISONAL SUBJECT TO SUPPLY AUTHORITIES APPROVAL.
3. THE PRELIMINARY LAYOUT IS ISSUED FOR COMMENTS TO ALL INVOLVED PARTIES. DETAIL DESIGN WILL FOLLOW BASED ON INDIVIDUAL BLOCKS DESIGN DEVELOPMENT AND OTHER CONSULTANTS COMMENTS.
4. SUPPLY AUTHORITIES FOOTPATH ALLOCATION FOR WATER TO BE COORDINATED WITH EXISTING SITE MAIN SERVICES.
5. T-OFF TO INDIVIDUAL BLOCKS/BUILDINGS ARE INDICATIVE ONLY AND ARE SUBJECT TO BUILDING DESIGN.
6. UTILITY SERVICES ABOVE THE BASEMENT CARPARK WILL BE CONCRETE ENCASED OR DIRECT BURIED. REFER DETAILS.
7. PRIVATE SERVICES MAY RUN EXPOSED WITH IN THE BASEMENT CARPARK AREAS AIR PLENUM, DIRECT BURIED IN ROADS AND CONCRETE ENCASED WHERE CLEARANCE FROM OTHER SERVICES OR DEPTH OF COVER CAN NOT BE ACHIEVED.
8. COORDINATION WITH EXISTING OVOID DRAIN BASED ON POTHOLING RESULTS ON DEGOTARDI DRAWINGS, ROBERT BIRD PROPOSED PROTECTION AND FRASERS ADVICE FOR PROTECTION LINES - MEETING 27 FEB 2009.
9. DIMENSION SHOWN ARE NOMINAL ONLY.
10. MINIMUM COVER DEPTH FOR PUBLIC UTILITIES ARE BASED ON UTILITIES CURRENT STANDARD REQUIREMENT. FOR ALL DEVIATION OF THE PROPOSED DEPTH APPROVAL SHOULD BE SOUGHT OUT FROM THE RELEVANT AUTHORITY.
11. REFERENCE DOCUMENT FOR SITE INFRASTRUCTURE DRAWINGS ARE: DEGOTARDI SURVEY DWGS: 3142DA08/B & 3142DA013/E HUGHES TRUEMAN DWGS: 075628C-MP08/A, SK07/A, SK05/A ROBERT BIRD DWGS: SHD-SK1/01, SHD-SK02/01. JAAA & TURF DRAWING 984-0721-LC01. DENNY LINKER - REF 08040105UB.
12. TRENCHING OF ELECTRICAL CONDUITS TO COMPLY WITH ENERGY AUSTRALIA NS138 SECTION 15 AND APENDEDIES A, B, C AND H TYPICAL SECTION & DETAILS.
13. DECOMMISSIONED WATER & GAS MAINS. REFER TO HUGHES TRUEMAN DRAWING No.075628C-C04 FOR DETAILS AND GENERAL NOTES.
14. ABANDONED ELECTRICAL SERVICES, REFER TO WEB DWGS: ESK-01, 02 & 03 FOR DETAILS AND GENERAL NOTES.
15. STREET LIGHT CONDUIT PROVISION IS BASED ON VISION DESIGN DWG E4400/1 DATED 06 FEB 2009. DRAWING SHOWS THAT STREET LIGHTS ON BROADWAY AND ABERCROMBIE STREET WILL REMAIN.
16. EXACT PLANTING TRENCH AND WATER FEATURE DETAILS TO BE CONFIRM BY JAAA & TURF.
17. THERE MAY BE ADDITIONAL ELECTRICAL CABLE TRENCH REQUIREMENT SURROUNDING THE SITE. THIS WILL BE DOCUMENTD WHEN EA DESIGN PACKAGE FOR HV SUPPLY TO THE SITE IS AVAILABLE.
18. DRAWING NUMBER PREVIOUSLY WAS ESK-18 REVISION 02.
19. ALL LAYOUT ARE PRELIMINARY. FINAL LOCATION AND SERVICES RL VALUES TO BE FINALISED UPON COMPLETION OF DETAILED DESIGN.

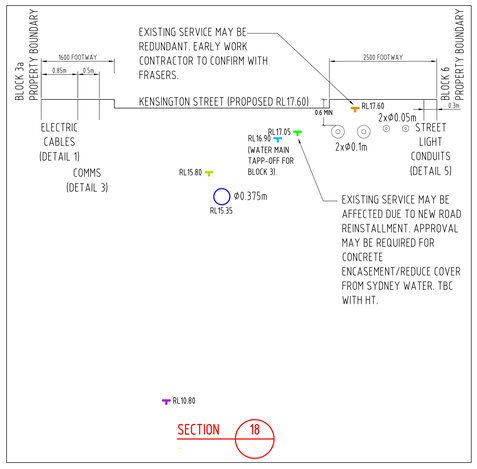


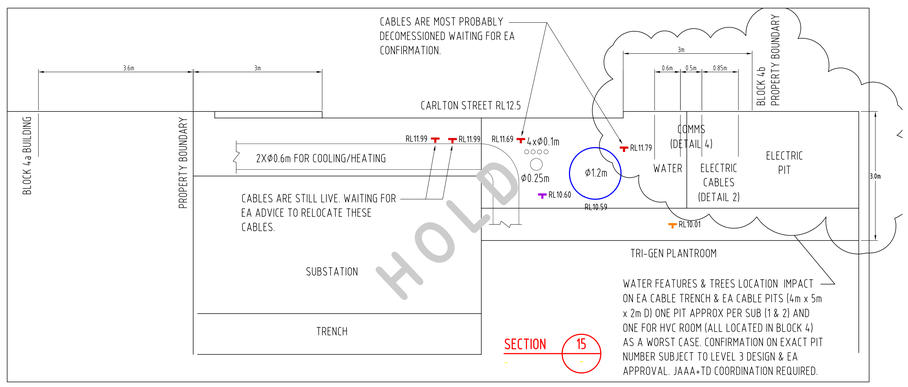










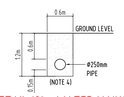


LEGEND

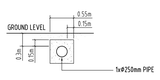
- DENOTED APPROXIMATE LOCATION OF EXISTING UNDERGROUND ELECTRICAL SERVICE
- DENOTED APPROXIMATE LOCATION OF EXISTING UNDERGROUND WATER MAIN
- DENOTED APPROXIMATE LOCATION OF EXISTING GAS SERVICE
- DENOTED APPROXIMATE LOCATION OF EXISTING TELSTRA SERVICE
- DENOTED APPROXIMATE LOCATION OF EXISTING SEWER MAIN
- DENOTED APPROXIMATE LOCATION OF EXISTING DRAINAGE SERVICE
- DENOTED APPROXIMATE LOCATION OF EXISTING OVOID SEWER PIPE
- DENOTED APPROXIMATE LOCATION OF NEW STORMWATER SERVICE
- DENOTED APPROXIMATE LOCATION OF NEW STORMWATER DETENTION SERVICE
- DENOTED APPROXIMATE LOCATION OF NEW PRIVATE SERVICES

EA - ENERGY AUSTRALIA
SW - SYDNEY WATER
HT - HUGHES TRUEMAN

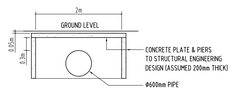
Proprosed road levels used are approximate only based on Hughes Truemans Stormwater layout.
Existing service depths are averages based on point data from Degotardi survey plan.



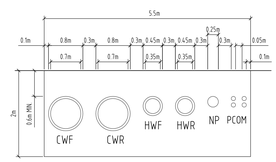
DETAIL '9' - WATER MAINS DIRECT BURIED
N.T.S.



DETAIL '10' - WATER MAINS CONCRETE ENCASED
N.T.S.

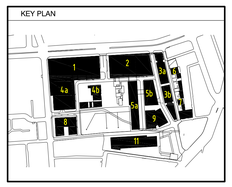


DETAIL '11' - WATER MAINS CONCRETE PROTECTED
N.T.S.



DETATIL 'C' - PRIVATE SERVICES DIRECT TYPICAL
N.T.S.

KEY PLAN



N

0mm 10 20 30 40 50 60 70mm

REFERENCE COORDINATION DRAWINGS			
DESCRIPTION	DRAWING NO.	REV	CHKD
CONCEPT PLAN ROAD WIDTH	A-1258	05	
CONCEPT PLAN TYP. BSMNT LVL	A-1269	05	
SURVEY PLAN	3142DA08	B	

Lincoln Scott
Consulting Engineers
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sydney@lincolnsescott.com

PROJECT
FRASERS BROADWAY
20-102 BROADWAY
SYDNEY
CLIENT
FRASERS BROADWAY

DATE	24.04.09	DRAWN	TDG
SCALE	1:100	CHECKED	NJM
SHEET SIZE	A0	APPROVED	-

CAD FILE P:\SYD080740C\Stage 1\SYD080740C.E4300_E4301_E4302.dwg

TITLE
STAGE 1 - MAIN PARK INFRASTRUCTURE
NEW AND EXISTING SERVICES
DETAILS, SECTIONS AND NOTES (2 OF 3)

PROJECT NO.	DRAWING NO.	REVISION
SYD 080740C	E4301	01

PRELIMINARY