

LEICHHARDT PARK-CHILD CARE CENTRE, LEICHHARDT NSW

HYDRAULIC SERVICES WORKS

SITE WORKS

1. ALL WORKS TO BE IN ACCORDANCE WITH LOCAL RELEVANT COUNCIL REQUIREMENTS, SPECIFICATIONS, AUSTRALIAN STANDARDS, CONFLICTS SHALL BE REFERRED TO THE SUPERINTENDENT FOR DIRECTION.
2. THE CONTRACTOR SHALL TO DESIGN, OBTAIN APPROVALS AND CARRY OUT REQUIRED TEMPORARY TRAFFIC CONTROL PROCEDURES DURING CONSTRUCTION IN ACCORDANCE WITH RTA AND LOCAL COUNCIL REGULATIONS AND REQUIREMENTS.
3. THE CONTRACTOR IS TO OBTAIN ALL AUTHORITY APPROVALS AS REQUIRED.
4. RESTORE ALL PAVED, COVERED, GRASSED AND LANDSCAPED AREAS TO THEIR ORIGINAL CONDITION ON COMPLETION OF WORKS, WHERE PLANTING OF NEW GRASS IS NECESSARY REFER TO LANDSCAPE ARCHITECT DOCUMENTATION.
5. ON COMPLETION OF ANY TRENCHING WORKS ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS, AND ROAD PAVEMENTS.
6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
8. THIS PLANS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.

9. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
 - A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE;
 - B) ENSURING THAT NOTHING IS NAILED TO THEM;
 - C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS:
 - I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS GREATER;
 - II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH;
 - III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.
10. DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.
11. IN CASE OF DOUBT OR DISCREPANCY REFER TO SUPERINTENDENT FOR CLARIFICATION OR CONFIRMATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
12. WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
13. THESE PLANS SHALL BE READ IN CONJUNCTION WITH ALL APPROVED DRAWINGS AND SPECIFICATIONS PREPARED BY OTHER PROJECT CONSULTANTS.
14. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.

ACCESS & SAFETY

1. THE CONTRACTOR SHALL COMPLY WITH ALL STATUTORY AND INDUSTRIAL REQUIREMENTS FOR PROVISION OF A SAFE WORKING ENVIRONMENT INCLUDING TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES ACCESS TO ALL BUILDINGS ADJACENT THE WORKS IS NOT DISRUPTED.
3. WHERE NECESSARY THE CONTRACTOR SHALL PROVIDE SAFE PASSAGE OF VEHICLES AND/OR PEDESTRIANS THROUGH OR BY THE SITE.

SANITARY DRAINAGE / TRADE WASTE DRAINAGE

1. ALL SANITARY DRAINAGE PIPEWORK SHALL BE DPCV UNLESS NOTED OTHERWISE.
2. THE CONTRACTOR SHALL ALLOW FOR ADDITIONAL EXCAVATION (INCLUDING ROCK) AND BACKFILL OF PIPES, FITTINGS AND ALL JUMP-UPS TO THE LOCAL AUTHORITY REQUIREMENTS, INCLUDING THOSE TO BRANCH DRAINS.
3. ALL BRANCH LINES SHALL BE GRADED AND/OR LOWERED TO AVOID PENETRATING FOOTING BEAMS UNLESS SHOWN OTHERWISE. THE CONTRACTOR SHALL ALLOW FOR ADDITIONAL PIPE LENGTHS AND WORK INCLUDING CONSTRUCTION OF ADDITIONAL INSPECTION OPENINGS AS REQUIRED BY THE LOCAL AUTHORITY.
4. COORDINATE WITH STRUCTURAL DRAWINGS, NO STEEL REINFORCING BARS TO BE CUT WITHOUT PRIOR WRITTEN APPROVAL FROM STRUCTURAL ENGINEER.
5. ALL TRADE WASTE DRAINAGE TO BE HDPE WITH ELECTRON FUSION JOINTS EQUAL TO GEBBERT

GAS SERVICE

1. ALL WORK TO BE IN ACCORDANCE WITH AS 5601 AND NATURAL GAS COMPANY SPECIFICATION No.16197.
2. REFER ARCHITECTURALS FOR SET-OUT LOCATION OF ALL GAS APPLIANCES.
3. ALL GAS PIPEWORK TO BE COPPER TYPE 'B' UNLESS NOTED OTHERWISE.

COLD, HOT & REUSE WATER SERVICE

1. ALL WORK TO BE IN ACCORDANCE WITH AS 3500
2. REFER ARCHITECTURAL DRAWINGS FOR SET-OUT & ROUGH-IN LOCATIONS OF ALL FITURES.
3. ALL PIPEWORK TO BE COPPER TYPE 'B' OR APPROVED EQUIVALENT UNLESS NOTED OTHERWISE.
4. REUSE COLD WATER TO BE LABELLED IN ACCORDANCE WITH AS3500.1 CLAUSE 14.3
5. PRESSURE TEST ALL PIPEWORK TO 1500kPa FOR A MINIMUM OF 30MINS.
6. REUSE WATER HOSE TAPS TO HAVE SIGNAGE ATTACHED 'NOT FOR DRINKING'
7. PIPE SIZES INDICATED ON DRAWING ARE FOR COPPER TUBE. IF ALTERNATIVE MATERIALS ARE USE THEN EQUIVALENT SIZING SHALL BE MAINTAINED AS PER TABLE 1.1 AS 3500.

FIRE HOSE REEL SERVICE

1. ALL WORK TO BE IN ACCORDANCE WITH AS 2419.1 & AS 3500
2. REFER ARCHITECTURAL DRAWINGS FOR SET-OUT & ROUGH-IN LOCATIONS OF ALL FITURES.
3. ALL PIPEWORK TO BE COPPER TYPE 'B' OR APPROVED EQUIVALENT UNLESS NOTED OTHERWISE.
4. PRESSURE TEST ALL PIPEWORK TO 1500kPa FOR A MINIMUM OF 30MINS.
5. PIPE SIZES INDICATED ON DRAWING ARE FOR COPPER TUBE. IF ALTERNATIVE MATERIALS ARE USE THEN EQUIVALENT SIZING SHALL BE MAINTAINED AS PER TABLE 1.1 AS 3500.

FIRE HYDRANT SERVICE

1. ALL WORK TO BE IN ACCORDANCE WITH AS 2419.1 & AS 3500
2. PAY ALL FEES & CHARGES ASSOCIATED WITH CONNECTION TO & LEAD INTO SITE FROM THE AUTHORITIES MAIN, INCLUDING BUT NOT LIMITED TO EXCAVATION, CONNECTION, ROAD & FOOTPATH OPENINGS & RESTORATION CHARGES, TRAFFIC CONTROL, PLANS & MANAGEMENT.
3. PIPEWORK TO COMPLY WITH AS 2419.1 & AS 3500 & BE COPPER TUBE TYPE 'B' OR APPROVED EQUIV. BELOW GROUND & ABOVE GROUND SHALL BE MEDIUM GRADE GALVANISED MILD STEEL PIPE TO AS 1074 OR APPROVED EQUIV.
4. HYDRANT VALVES SHALL HAVE OUTLETS FITTED WITH HOSE CONNECTIONS COMPATIBLE WITH THE TYPE USED BY THE LOCAL FIRE BRIGADE (STORZ TYPE) & BE EQUIPPED WITH PROTECTIVE CAPS & RETAINING CHAINS.
5. PRESSURE TEST ALL PIPEWORK TO 1700kPa FOR A MINIMUM OF 2 HOURS & PROVIDE RECORDS IN ACCORDANCE WITH AS 2419.1 CLAUSE 10.7.
6. PROVIDE A WATER & FADE RESISTANT BLOCK PLAN ADJACENT TO THE BOOSTER ASSEMBLY IN A READILY VISIBLE POSITION & TO BE A MINIMUM AS IN SIZE.

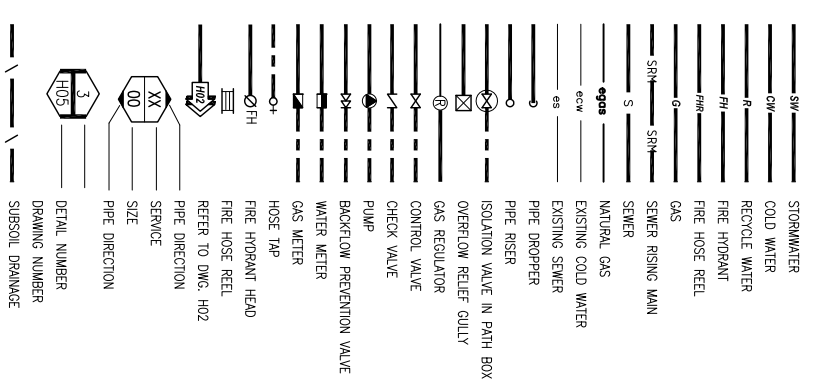
HYDRAULIC ABBREVIATIONS

BSN	BASIN
BTW	BUCKET TRAP FLOOR WASTE
BWU	BOILING WATER UNIT
CP	CHROME PLATED
CS	CLEANERS SINK
CU	COPPER
CV	CHAMBER VENT
CW	COLD WATER
DCW	DOMESTIC COLD WATER
DP	DOWN PIPE
DRP	DRAINAGE POINT
FLL	FINISHED FLOOR LEVEL
FHR	FIRE HOSE REEL
FSL	FINISHED SURFACE LEVEL
FU	FIXTURE UNITS
FW	FLOOR WASTE
FB	FROM BELOW
HT	HOSE TAP
HW	HOT WATER
HWU	HOT WATER UNIT
HL	HIGH LEVEL
IL	INVERT LEVEL
IO	INSPECTION OPENING
IMF	INDUCT TYPE MICA FLAP
IT	INTERLOCK
LU	LOW LEVEL
LU	MEGALUTES
ORG	OVERFLOW RELIEF GULLY
RL	REDUCED LEVEL
RSV	RECESSED STOP VALVE
SHR	SHOWER
SK	SINK
SS	SAINT ARV STACK
SV	STOP VALVE
S/S	STAINLESS STEEL
T	UTILITY TUB
TD	TEMPERATURE
TPR	TEMPERATURE PRESSURE RELIEF VALVE
T/A	TO ABOVE
UPVC	UNPLASTICISED POLYVINYL CHLORIDE
UR	URINAL
WOP	WATER TIGHT WASTE STOP VALVE
WS	WASTE STACK
RCW	REUSE COLD WATER
SRM	SEWER RISING MAIN
SSRM	SUBSOIL RISING MAIN
VP	VENT PIPE
BTH	BATH
DW	DISHWASHER
BT	BATH
CO	COOKTOP
BA	BALCONY POINT
BRD	BROOK
GV	GATE VALVE
CV	CHECK VALVE
WM	WASHING MACHINE
CHVP	CHAMBER VENT PIPE

DRAWING SHEETS

- 14226H00 • CONSTRUCTION NOTES
- 14226H01 • SITE PLAN
- 14226H02 • STORMWATER DRAINAGE CONCEPT & WASTE SERVICES PLAN
- 14226H03 • WATER & GAS SERVICES PLAN
- 14226H04 • ROOF PLAN
- 14226H05 • SEDIMENT & EROSION PLAN
- 14226H06 • OSD TANK DETAILS
- 14226H07 • DETAILS SHEET 1
- 14226H08 • DETAILS SHEET 2

SERVICES LEGEND



ISSUED FOR CONSTRUCTION

1	22.07.15	TO	ISSUED FOR CONSTRUCTION
B	26.03.15	TO	ISSUED FOR TENDER
A	23.03.15	TO	ISSUED FOR TENDER
REV	DATE	APPROD	REVISION DETAILS

THE CONTRACTOR HAS OBTAINED APPROVAL FROM THE COMPETENT AUTHORITY FOR THE CONSTRUCTION OF THE WORKS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE COMPETENT AUTHORITY FOR THE CONSTRUCTION OF ANY WORKS SHOWN ON THESE DRAWINGS.



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PROJECT:
LEICHHARDT PARK
CHILD CARE CENTRE

DRAWING TITLE:
HYDRAULIC SERVICES
CONSTRUCTION NOTES & LEGEND

DRAWING NO:	H00
DRAWN:	MT
DESIGNED:	TK
APPROVED:	TO
JOB NUMBER:	14226
SHEET: 1 OF 9	REV 1