






THE WILLCOX APARTMENTS
117 PROSPECT ROAD, PROSPECT
FIRE SERVICES

LEGEND OF SYMBOLS





FIRE EXTINGUISHERS

- | | |
|---|---|
|  | PORTABLE EXTINGUISHER - DRY CHEMICAL POWDER TYPE. MIN. 4A-40B[E]. |
|  | PORTABLE EXTINGUISHER - CARBON DIOXIDE. MIN. 5kg. |
|  | PORTABLE FIRE EXTINGUISHER IN WEATHERPROOF BREAK GLASS CABINET. |
|  | FIRE HOSE REEL. |




MISCELLANEOUS

- | | |
|---|--|
| DPE | DIESEL PUMP EXHAUST. (THERMALLY LAGGED). |
|  | REVISION MARKER. |
| (N) | DENOTES NEW ITEM. |
| S | DENOTES SURFACE MOUNTED. |
| ~ | CONTINUATION. |

DETECTORS

- | | |
|---|--|
|  | SMOKE DETECTOR. |
|  | THERMAL DETECTOR. |
|  | SMOKE DETECTOR WITHIN CONCEALED SPACE. |
|  | THERMAL DETECTOR WITHIN AIR DUCT. |


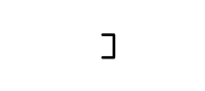















ALARMS

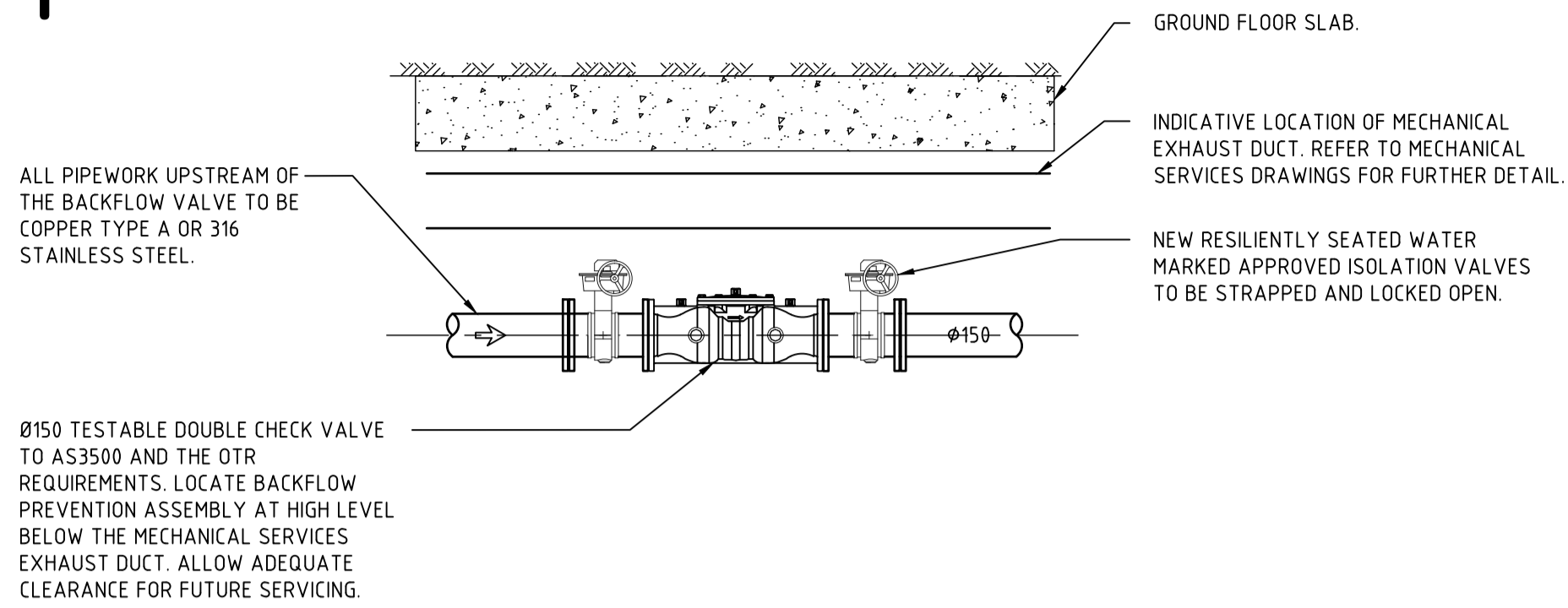
- | | |
|---|------------------------|
|  | RED FIRE ALARM BEACON. |
|  | SPEAKER. |
|  | HORN. |

ABBREVIATIONS

- | | |
|-----|--------------------------|
| FHR | FIRE HOSE REEL PIPEWORK. |
| FH | FIRE HYDRANT PIPEWORK. |
| FS | FIRE SPRINKLER PIPEWORK. |
| Ø25 | PIPEWORK DIAMETER. |

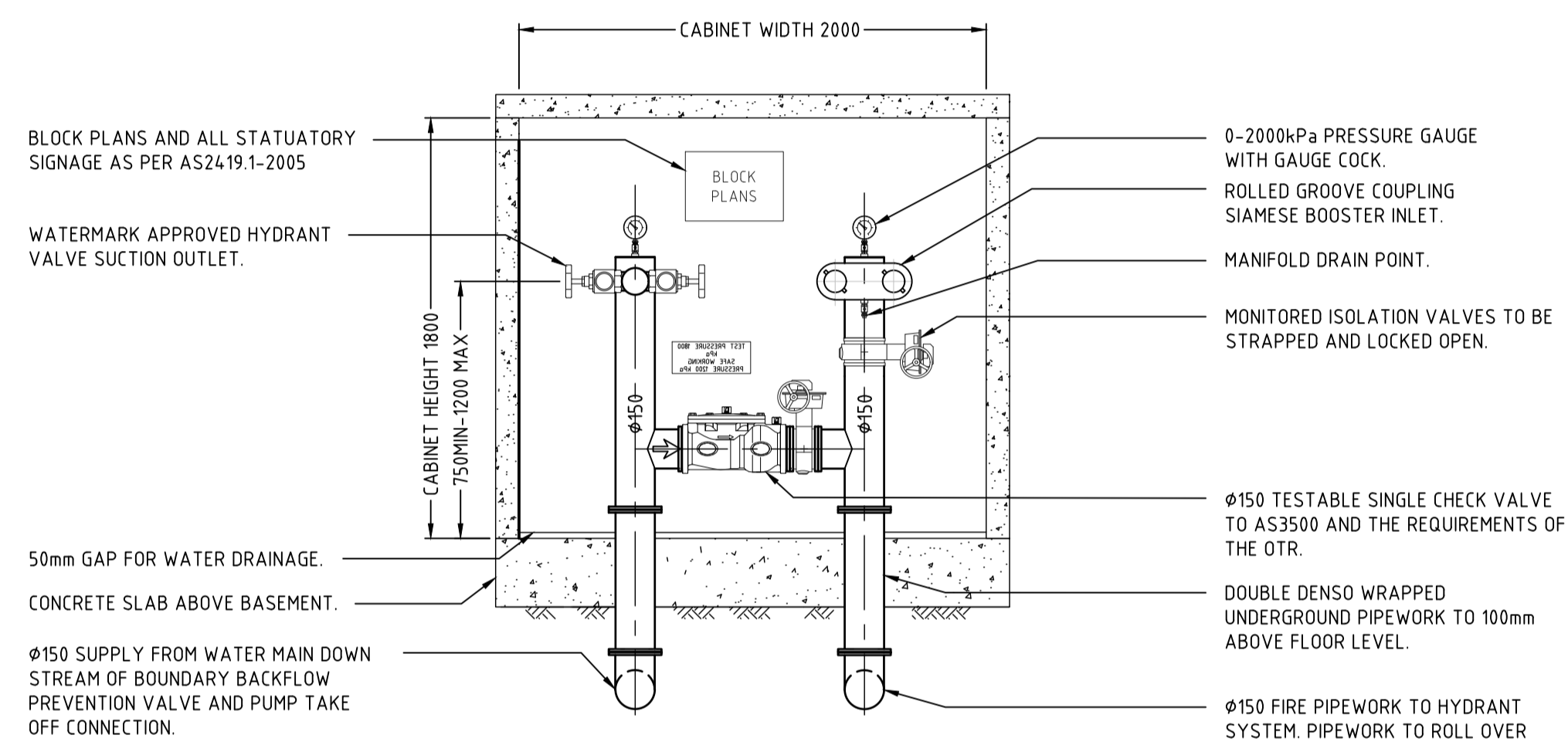
FIRE PIPE SYSTEMS

- | | |
|---|--|
|  | MAINS PIPEWORK. (DASHED = UNDERGROUND). |
|  | EXISTING PIPEWORK. (DASHED = UNDERGROUND). |
|  | BLANK END. |
|  | PENETRATION TO BE SEALED TO MAINTAIN FIRE/SMOKE INTEGRITY. |
|  | GATE VALVE. |
|  | FLOAT VALVE. |
|  | PRESSURE GAUGE. |
|  | ANNUBAR TEST FACILITY. |
|  | PIPE RISER. |
|  | PIPE DROPPER FROM BEND. |
|  | PIPE DROPPER FROM TEE. |
|  | FLOW SWITCH. |
|  | SINGLE FIRE HYDRANT OUTLET WITH OVAL SPINDLES. |
|  | FIRE BRIGADE BOOSTER. |
|  | PUMP SET. |
|  | GATE VALVE BELOW GROUND IN TRAFFICABLE VALVE PIT C/W LID. |
|  | ACCESS PANEL 450x450. |



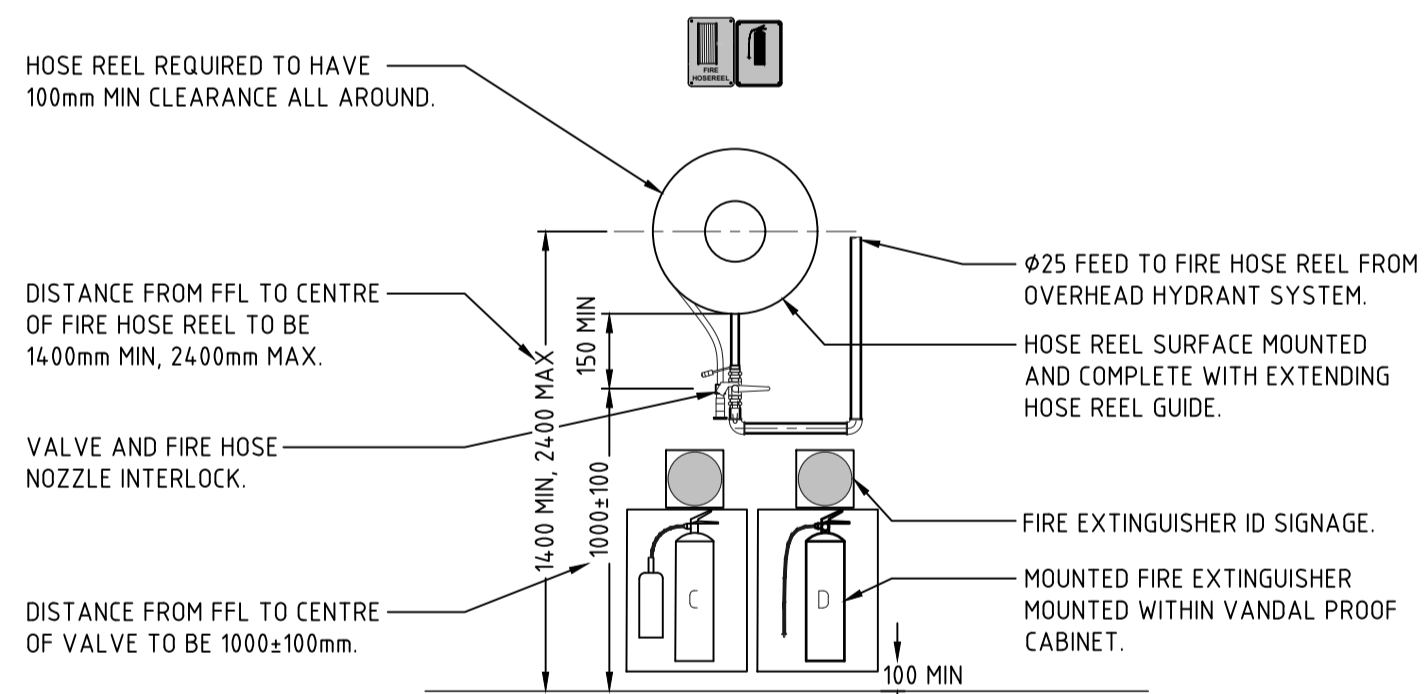
BACK FLOW PREVENTION VALVE DETAIL

NOT TO SCALE
FOR INFORMATION ONLY



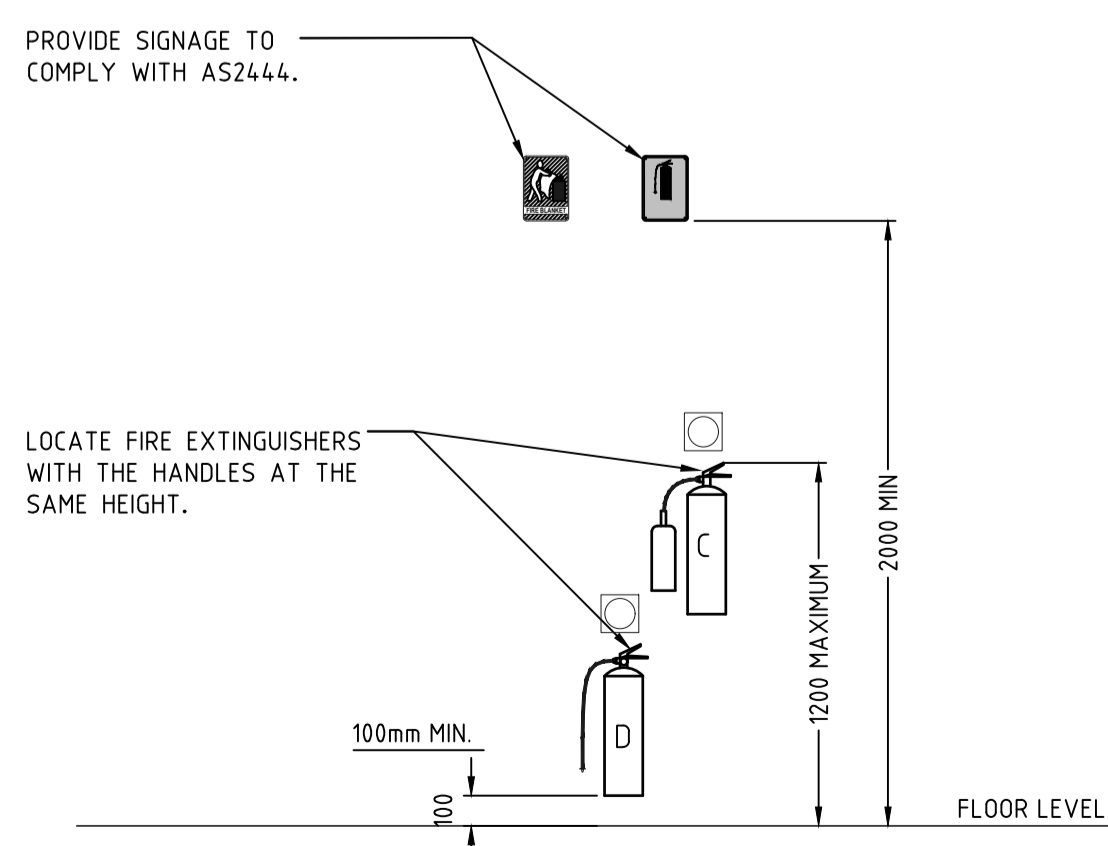
FIRE HYDRANT BOOSTER DETAIL

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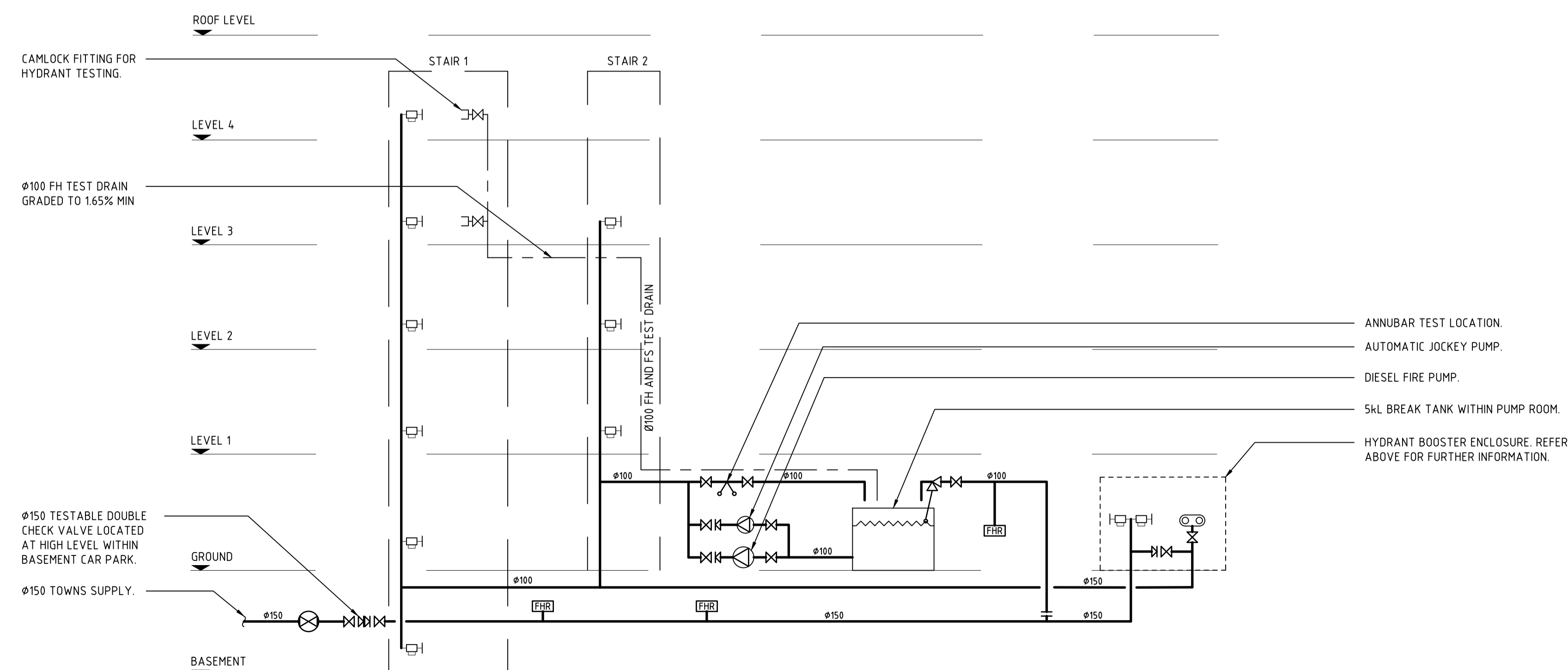
FIRE HOSE REEL AND FIRE EXTINGUISHER DETAIL

NOT TO SCALE
FOR INFORMATION ONLY



FIRE EXTINGUISHER HEIGHT DETAIL

SCALE 1:25



HYDRANT SYSTEM SCHEMATIC

FOR INFORMATION ONLY TO DEMONSTRATE DESIGN CONCEPT
NOT ALL VALVES AND COMPONENTS ARE SHOWN
NOT TO SCALE

DRAWING INDEX

LCE13523-F01

DRAWING INDEX, LEGEND OF SYMBOLS, DETAILS AND GENERAL NOTES

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BASEMENT FIRE SERVICES ARRANGEMENT

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GROUND FLOOR FIRE SERVICES ARRANGEMENT

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LEVEL 1 FIRE SERVICES ARRANGEMENT

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LEVEL 2 FIRE SERVICES ARRANGEMENT

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LEVEL 3 FIRE SERVICES ARRANGEMENT

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LEVEL 4 FIRE SERVICES ARRANGEMENT

GENERAL NOTES

1. THE FIRE SERVICES DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS, DETAILS AND OTHER ENGINEERING DRAWINGS AND SPECIFICATIONS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
2. IF ANY DISCREPANCY OCCURS ON THE ENGINEERS DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATION, THE CONTRACTOR SHALL DURING TENDERING ASSUME THE LARGER/GREATER QUANTITY. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND BE CLEARLY PRESENTED IN THE TENDER OFFER.
4. UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES. ALL PIPEWORK SIZES SHOWN ARE CLEAR INTERNAL DIMENSIONS ONLY.
5. ALL ROUTES OF PIPEWORK ARE SHOWN INDICATIVE AND TO INDICATE THE PRINCIPLE DESIGN. FINAL ROUTES ARE TO BE CONFIRMED AS PART OF THE SHOP DRAWING PREPARATION PHASE AND COORDINATED ON SITE WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
6. DO NOT SCALE OFF DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED FROM THE ARCHITECT'S DRAWINGS AND BY ACTUAL SITE MEASUREMENTS PRIOR TO MANUFACTURING AND INSTALLING OF FIRE SERVICES.
7. THE FIRE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT OF THEIR WORKS BY COORDINATING WITH ALL ASSOCIATED TRADES AND SERVICES.
8. ALL PENETRATIONS THROUGH COMPARTMENT WALLS OR FLOORS SHALL BE SEALED WITH SUITABLE APPROVED MATERIALS IN AN APPROVED MANNER TO MAINTAIN THE INTEGRITY OF THE BARRIER, IN ACCORDANCE WITH BCA SPECIFICATION C3.15.
9. ALL ROUTES OF EXISTING PIPEWORK SHOWN ARE INDICATIVE ONLY. UNDERGROUND SURVEY OR PIPE LOCATION MUST BE UNDERTAKEN BY THE FIRE SERVICES CONTRACTOR OR BUILDER PRIOR TO UNDERTAKING WORK ON SITE TO VERIFY LOCATIONS.
10. 50mm INSULATION TO BE APPLIED TO UNDERSIDE OF GROUND FLOOR AND LEVEL 1 SLAB WITHIN CAR PARK AREAS. REFER TO ARCHITECTURAL DOCUMENTATION FOR DETAILS.

CONSTRUCTION ISSUE

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