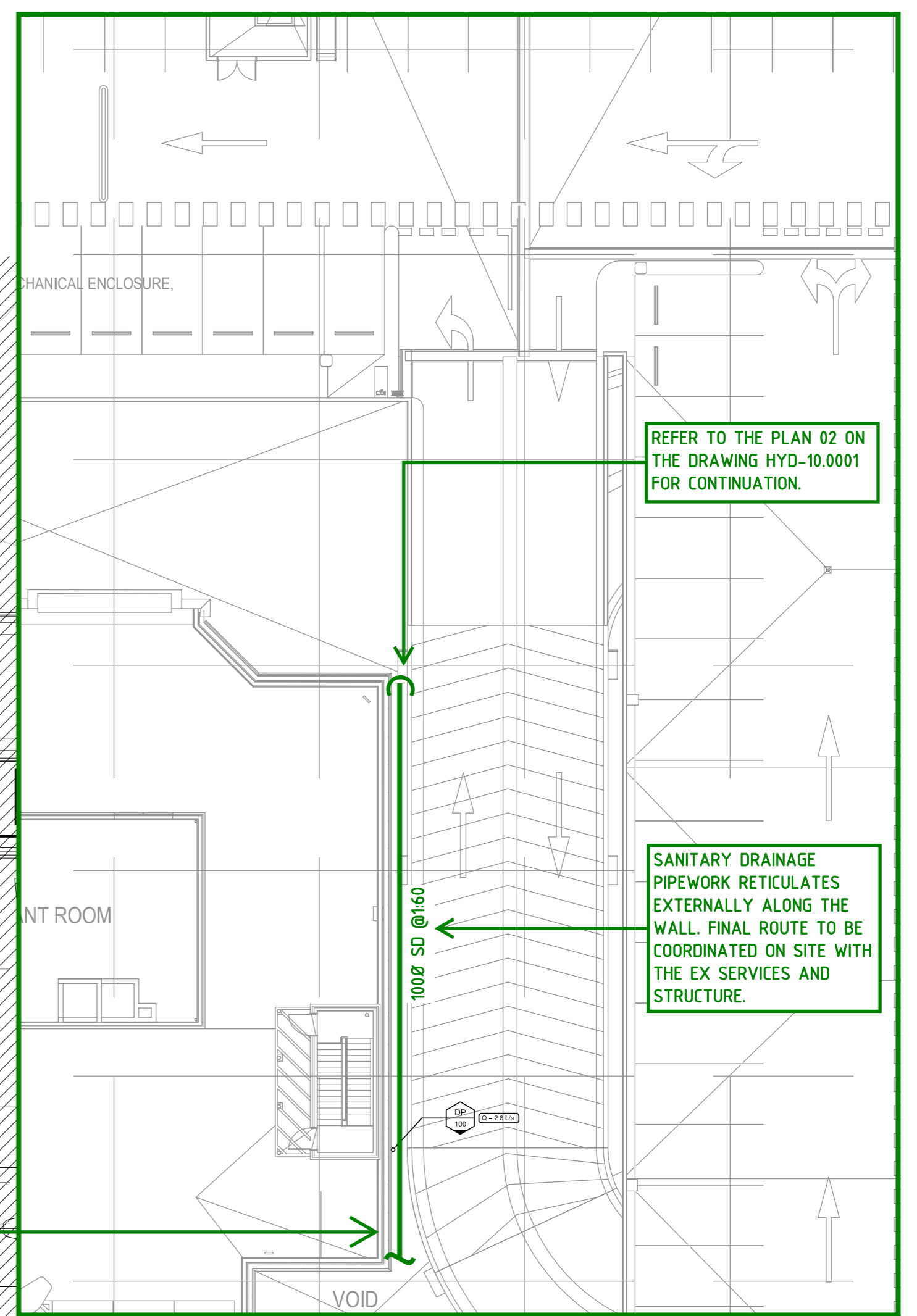


PLAN 01
ZONE 2 LEVEL 02
SCALE: 1:200



REFER TO THE PLAN 01 FOR CONTINUATION.

REFER TO THE PLAN 02 ON THE DRAWING HYD-10.0001 FOR CONTINUATION.

SANITARY DRAINAGE PIPEWORK RETICULATES EXTERNALLY ALONG THE WALL. FINAL ROUTE TO BE COORDINATED ON SITE WITH THE EX SERVICES AND STRUCTURE.

SANITARY DRAINAGE PIPEWORK RETICULATES EXTERNALLY ALONG THE WALL. FINAL ROUTE TO BE COORDINATED ON SITE WITH THE EX SERVICES AND STRUCTURE.

INSTALL ALL VENTING & UNDER SLAB SANITARY DRAINAGE SERVICES FOR THE PROPOSED FITNESS FIRST AND WESTFIELD WORKS AMENITIES. COORDINATE ALL NEW SLAB PENETRATIONS WITH THE WAFFLE SLAB STRUCTURE.

PORTION OF THE EXISTING DAMAGED DP TO BE REPLACED WITH NEW 150Ø PIPEWORK. SUBMIT RE-CONNECTION DETAIL TO SDC FOR REVIEW.

RE-USE EX. FWs FOR MECH. CONFIRM CONDITION OF THE BELOW SLAB PIPEWORK AS PART OF DIAP.

CAP OFF AT HIGH LEVEL AT THE DP LOCATION AND DEMOLISH ALL EX. BOX GUTTERS' OUTLETS AND ASSOCIATED PIPEWORK. ALL EXISTING DPs TO BE REUSED FOR THE NEW BOX GUTTERS' OUTLETS (TYPICAL). REFER TO THE DRAWING HYD-10.0004 FOR THE GUTTERS' OUTLETS AND OVERFLOWS LOCATIONS.

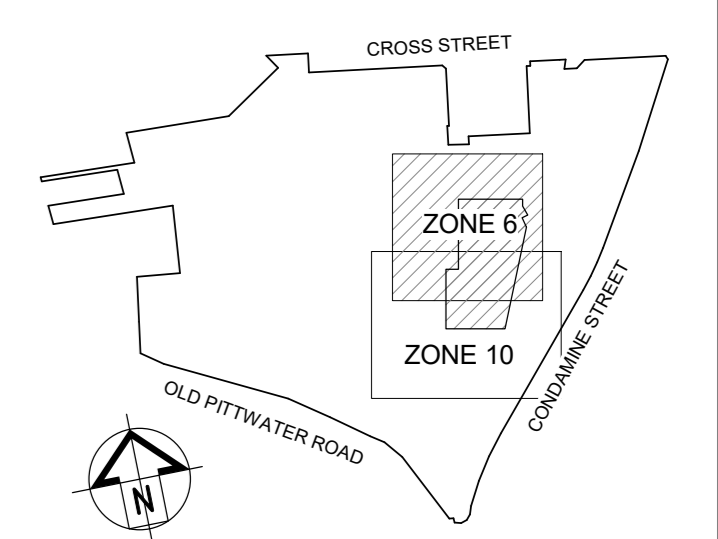
CONNECT NEW GRATED DRAIN VIA 100Ø DP TO THE EX. 150Ø DP FROM THE CAR PARK GUTTER.

CAP OFF EX. VENT PIPES AT HIGH LEVEL OF LEVEL 1 AND DIVERT TO THE NEW STAIR LOCATION. ALLOW FOR THE NEW SLAB PENETRATIONS.

1 STAGE 2 PROPOSED PLAN - LEVEL 2
1 : 200



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Director and Operations Manager
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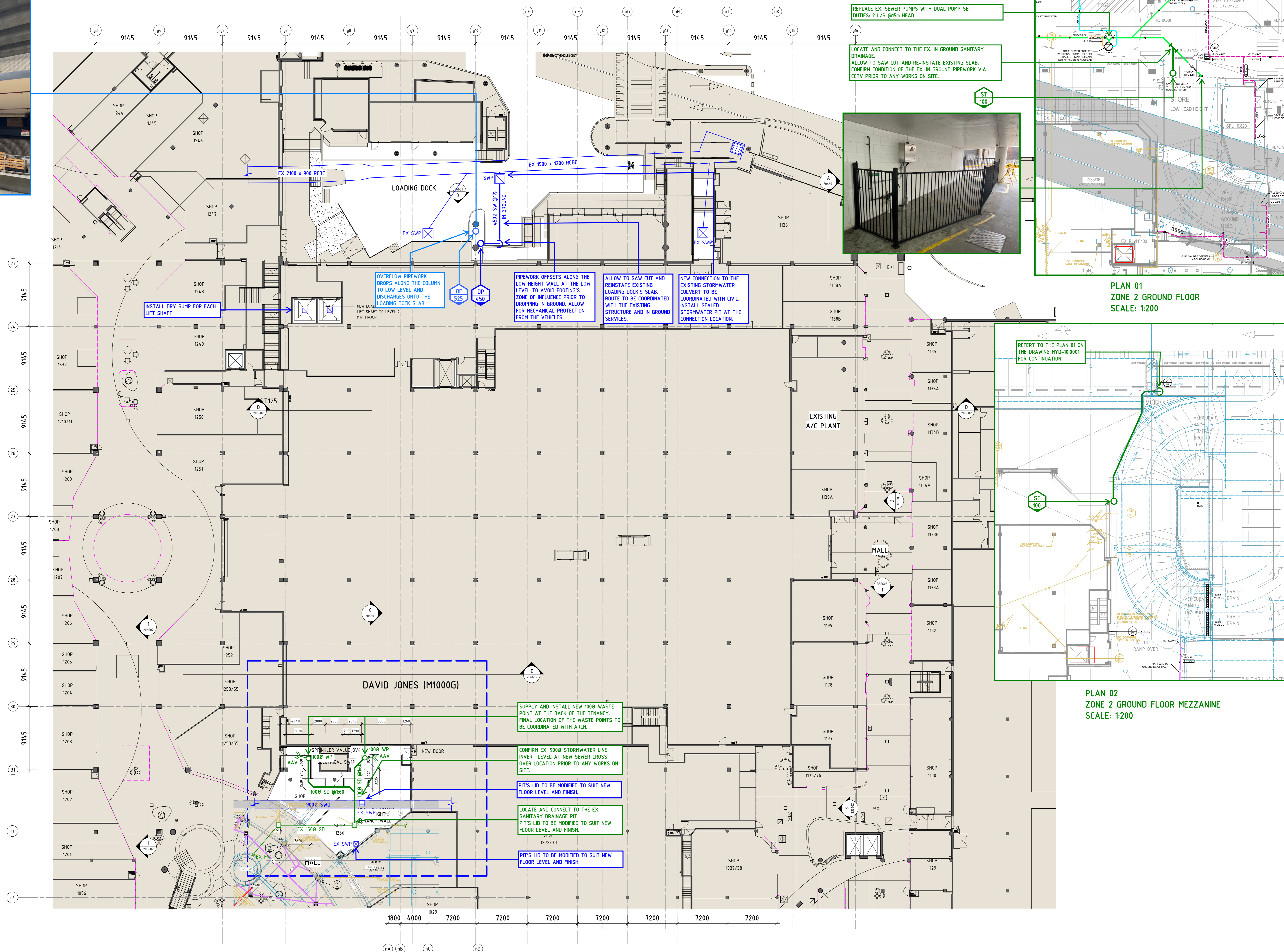
WARRINGAH MALL

Scentre Design and Construction Pty Limited
85 Castlereagh Street, Sydney NSW 2000
Phone (02) 9558 7000 Fax (02) 9558 8500
GPO Box 4004 Sydney NSW 2001
ACN 069 287 285

ISSUE FOR COSTING

HYDRAULIC SERVICES
ZONE 6 DAVID JONES STAGE 2
LEVEL 2
PROPOSED SD & SW SERVICES
LAYOUT

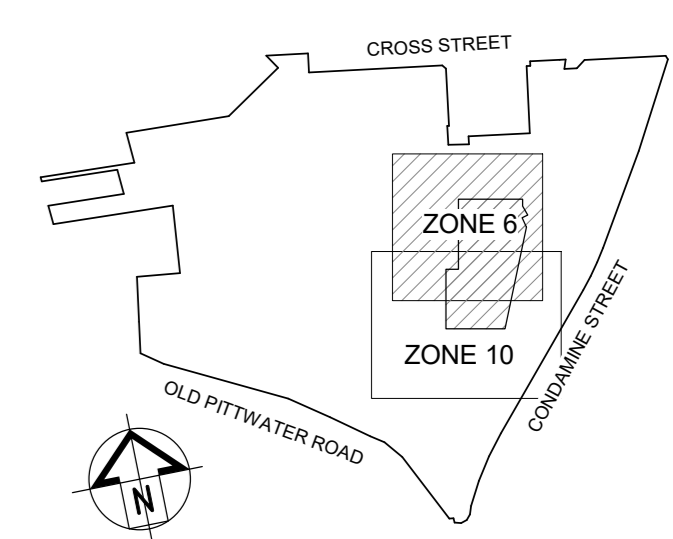
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Rev.	Date	By	Chk	Description

Kary Plan



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Creating Extra-ordinary Places, Connecting & Enriching Communities

WARRINGAH MALL

Scentre Design and Construction Pty Limited
85 Castlereagh Street, Sydney NSW 2000
Phone (02) 9358 7000 Fax (02) 9028 8500
GPO Box 4004 Sydney NSW 2001
ACN 000 267 265

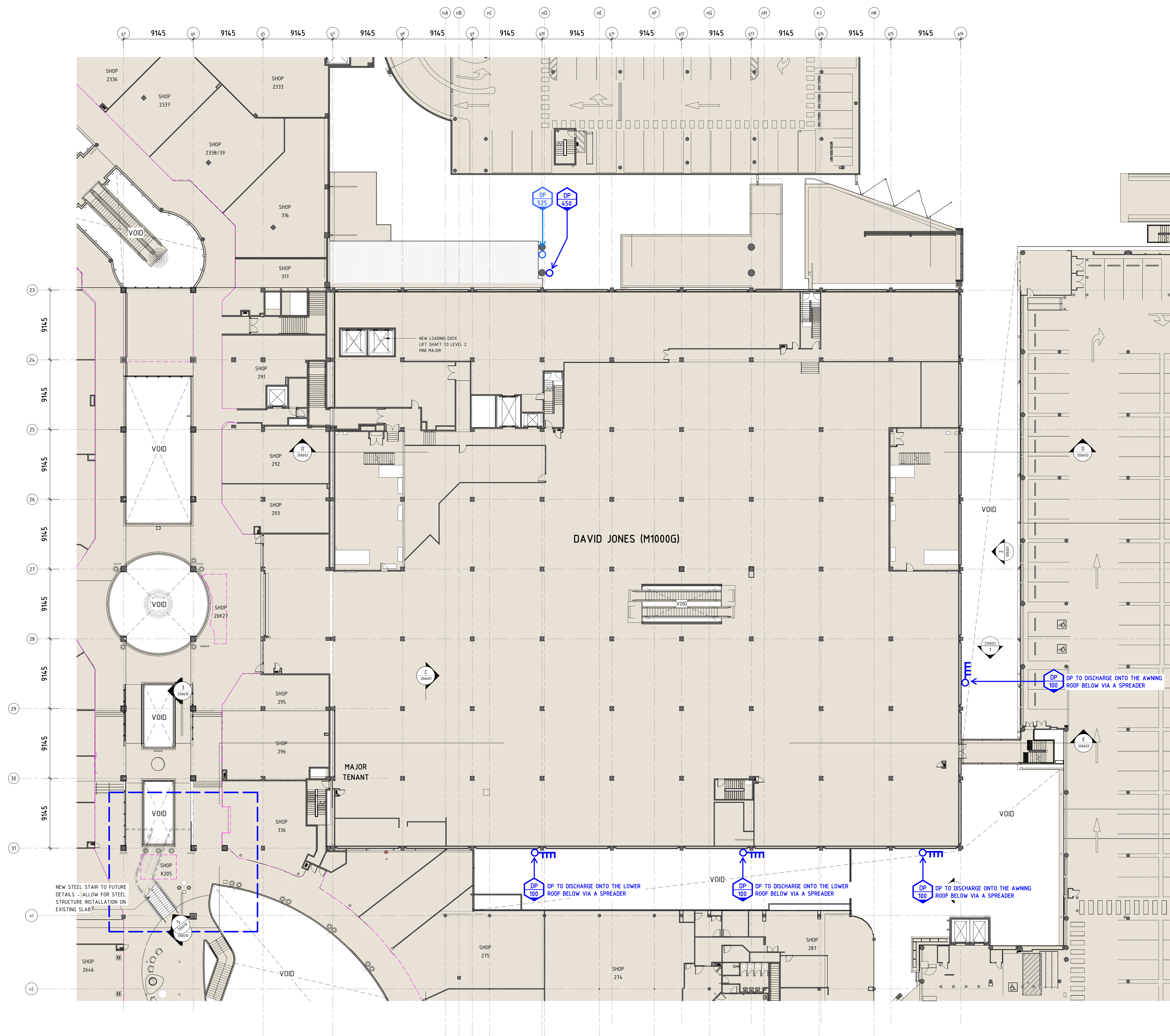
**HYDRAULIC SERVICES
ZONE 6 DAVID JONES
STAGE 2 PROPOSED
GROUND LEVEL**

			
	Drawing Scale 1:200		
Project No. D11762	Drawn By NS	Checked By KE	Plot Date

CAD Filename	
Drawing No.	Revision

HYD-10.0001	A
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DRAWING SCHEDULE

Drawing No.	Rev.	Drawing Title	Scale
HYD-00.0000	A	HYDRAULIC SERVICES COVER SHEET AND DRAWING SCHEDULE	N.T.S.
HYG-10.0001	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D GROUND FLOOR PROPOSED WORKS - STW & SD	1:200
HYG-10.0002	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D LEVEL 1 PROPOSED WORKS - STW & SD	1:200
HYG-10.0003	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D LEVEL 2 DEMO AND PROPOSED WORKS - STW & SD	1:200
HYG-10.0004	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D ROOF DEMO AND PROPOSED WORKS - STW & SD	1:200
HYP-10.0001	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D GROUND FLOOR PROPOSED WORKS - CW, FH & FHR	1:200
HYP-10.0002	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D LEVEL 1 PROPOSED WORKS - CW	1:200
HYP-10.0003	A	HYDRAULIC SERVICES ZONE 4 DAVID JONES STAGE 2D LEVEL 2 DEMO AND PROPOSED WORKS - CW, FH & FHR	1:200

PIPEWORK LINE STYLE AND COLOUR SCHEME

	SANITARY DRAINAGE
	RIISING SEWER MAIN
	VENT
	DOWNPIPE
	OVERFLOW
	STORMWATER DRAINAGE
	COLD WATER
	HOT WATER
	FIRE HYDRANT
	FIRE HOSE REEL
	EXISTING SERVICES TO REMAIN
	EXISTING SERVICES TO BE DEMOLISHED

LEGEND

	ELBOW RISE
	ELBOW DROP
	TEE RISE
	BLANK FLANGE
	FLANGE CONNECTION
	CAP END
	PIPE CONTINUATION
	PIPE REDUCER
	FLOW DIRECTION
	PIPE RECONNECTION
	FWG FLOOR WASTE GULLY
	BTFW BUCKET FLOOR WASTE GULLY
	BT BOUNDARY TRAP
	TD TUNDISH
	AAV AIR ADMITTANCE VALVE
	RV REFLUX VALVE
	STP WASTE POINT
	STP - SANITARY TENANCY POINT TWTP - TRADE WASTE TENANCY POINT
	GREASE ARRESTOR
	CO CLEAROUT
	IO INSPECTION OPENING
	SMH MANHOLE
	SMH - SANITARY MANHOLE
	SWMH - STORMWATER MANHOLE
	PIT WITH SEALED LID
	PIT WITH GRATED LID
	GD GRATED DRAIN
	RO ROOF OUTLET

	SUMP
	EXPANSION JOINT
	DOWNPIPE SPREADER
	OVERFLOW
	PUMP
	WATER METER
	HOSE TAP
	CONTROL VALVE
	BACKFLOW PREVENTION DEVICE
	THERMOSTATIC MIXING VALVE
	GAS METER
	GAS REGULATOR
	HOT WATER UNIT
	FIRE HOSE REEL
	FIRE HYDRANT VALVE
	ISOLATING VALVE
	SERVICES IDENTIFICATION

PS PLUMBING STACK
V VENT
CDS CONDENSATE DRAIN STACK
TWS TRADE WASTE STACK
TWV TRADE WASTE VENT
DP DOWN PIPE
OF OVERFLOW
CW COLD WATER
HW HOT WATER
G GAS
FH FIRE HYDRANT
FHR FIRE HOSE REEL

ABBREVIATIONS

ACC.	ACCESSIBLE.
AFFL	ABOVE FINISH FLOOR LEVEL
B	BASIN
BTH	BATH
CI	CAST IRON
C.L.	CENTRE LINE
CLNR	CLEANER ROOM
CS	CLEANERS SINK
CU	COPPER
C/W	COMPLETE WITH
DBS	DOUBLE BOWL SINK
DW	DISH WASHER
EX	EXISTING
F/A	FROM ABOVE
F/B	FROM BELOW
FHRM	FIRE HYDRANT RING MAIN
FRL	FIRE RESISTANCE LEVEL
H/L	HIGH LEVEL
IC	INSPECTION CHAMBER
IL	INVERT LEVEL
IPMF	INDUCT PIPE MICA FLAP
KI	KERB INLET
KIP	KERB INLET PIT
L/L	LOW LEVEL
ORG	OVERFLOW RELIEF GULLY
PVC	POLY VINYL CHLORIDE
SB	SINGLE BOWL SINK
SHR	SHOWER
SS	STAINLESS STEEL
T/A	TO ABOVE
T/B	TO BELOW
TBA	TO BE ADVISED
TBC	TO BE CONFIRMED
TTD	TRAPPED TUNDISH
UR	URNAL
VB	VANITY BASIN
WC	WATER CLOSET

GENERAL NOTES

1. AUTHORITIES AND STANDARDS

THE WHOLE OF THE PLUMBING SYSTEM, GENERALLY AS OUTLINED ON THE DRAWINGS, INCLUDING SANITARY DRAINAGE, COLD WATER SUPPLY, STORM WATER, FIRE HYDRANT AND FIRE HOSE REEL, SHALL BE UNDERTAKEN BY A FULLY LICENSED PLUMBER IN ACCORDANCE WITH ALL APPLICABLE PLUMBING CODES & REGULATIONS, AUSTRALIAN STANDARDS AND LOCAL AUTHORITY REQUIREMENTS. THE INSTALLATION SHALL BE IN A TRADESMAN LIKE MANNER AND TO THE SATISFACTION OF SCENTRE GROUP.

2. DRAWINGS

PRELIMINARY DRAWINGS AND RETURN BRIEF INDICATING THE CONTRACTORS DESIGN, IN ACCORDANCE WITH THE CONCEPT DESIGN AND SPECIFICATION PROVIDED AT TENDER, WILL BE PROVIDED AS REQUIRED BY THE AGREED DESIGN PROGRAMME. AFTER APPROVAL THE CONTRACTOR SHALL SUBMIT WORKSHOP DRAWINGS. ALLOW ADEQUATE TIME FOR THE RETURN OF THE REVIEW BY SCENTRE, ANY AMENDMENTS AND RESUBMISSION IF REQUESTED.

3. SITE VISIT AND FAMILIARISATION

TENDERS ARE ADVISED TO VISIT AND INSPECT THE SITE AND THE EXISTING AND/OR ADJACENT STRUCTURES PRIOR TO TENDERING TO ACQUAINT THEMSELVES WITH ITS NATURE, MEANS OF ACCESS, WORKING SPACE, NOTE LEVELS AND LOCAL CONDITIONS AND INCLUDE AND ALLOW FOR IN HIS TENDER ALL NECESSARY ITEMS WHICH ARE IMPLIED BUT WHICH MAY NOT BE STATED. THE TENDERER ACKNOWLEDGES THAT BEFORE TENDERING HE INSPECTED THE SITE AND HAS BECOME CONVERSANT WITH ALL VISIBLE EXISTING CONDITIONS OF ACCESS TO THE SITE FOR BUILDING PURPOSES AND HAS ALLOWED FOR ALL SUCH FACTORS IN THEIR TENDER. NO CLAIMS ARISING FROM THE NEGLECT OF THE FOREGOING ON THE GROUNDS OF IGNORANCE OF THE AMOUNT AND KIND OF WORK INVOLVED AND THE CONDITIONS UNDER WHICH THE WORKS WILL BE EXECUTED, WILL BE APPROVED.

4. EXISTING SERVICES

EXISTING SERVICES SHOWN ON THESE DRAWINGS HAVE BEEN INDICATED FROM AVAILABLE DATA AND RECORDS BUT MAY NOT REPRESENT THE ACTUAL ON SITE AS-BUILT SITUATION. THE CONTRACTOR IS RESPONSIBLE TO LOCATE AND VERIFY ALL SERVICES PRIOR TO COMMENCING WORK AND MUST NOTIFY SCENTRE GROUP AT A.S.A.P. SHOULD ANY MAJOR DISCREPANCIES EXIST THAT AFFECT OTHER TRADES AND THE PROJECT PROGRAM.

5. CO-ORDINATION & SETOUT

CO-ORDINATE NEW SERVICES WITH ALL OTHER TRADES AND EXISTING SERVICES. THE CONTRACTOR WILL BE RESPONSIBLE FOR SETTING OUT ALL PIPE RUNS, CORE HOLE PENETRATIONS AND SLEEVES AS NECESSARY TO COMPLETE THE WORKS. ALL PREFABRICATED PIPE SECTIONS MUST BE FIXED IN POSITION IN AMPLE TIME TO AVOID DELAY TO ANY OTHER TRADES.

6. PENETRATIONS AND SLAB SAW CUTTING

FLOOR PENETRATIONS AND SAW CUTTING SHALL BE UNDERTAKEN IN A METHOD APPROVED BY THE STRUCTURAL ENGINEER. SEAL ALL PENETRATION WITH APPROVED FIRE RATED MATERIAL TO MATCH MINIMUM FIRE RATING WHERE REQUIRED AND SEAL WITH AN APPROVED EPOXY SEALANT. CONTRACTOR PROVIDE SET OUT MARK-UP OF ALL PENETRATIONS AND SLAB SAW CUTS TO SCENTRE GROUP & STRUCTURAL ENGINEER FOR REVIEW & APPROVAL PRIOR TO WORKS BEING STARTED.

7. MATERIALS

MATERIALS USED SHALL BE NEW AND MANUFACTURED AND APPROVED IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARD AND SCENTRE GROUP GENERAL SPECIFICATION GS-HS(8). WHERE REQUIRED ALL MATERIALS SHALL HAVE THE APPROPRIATE WATERMARK.

MATERIAL SHALL MATCH EXISTING MATERIALS WHEREVER POSSIBLE.

8. DURING CONSTRUCTION

ALL ROUGH-IN WORKS ARE TO BE INSPECTED BY SCENTRE GROUP PRIOR TO CONCEALMENT. CONTRACTOR SHALL COORDINATE & REQUEST INSPECTION SO AS NOT TO DELAY SITE WORKS.

9. TESTING

TEST ALL SERVICES DURING INSTALLATION AND PRIOR TO CONCEALING IN ACCORDANCE WITH AUSTRALIAN STANDARDS AND TO LOCAL AUTHORITY REQUIREMENTS. ANY LEAKS SHALL PER RECTIFIED AND RETESTED AS PER THE TEST REQUIREMENTS.

10. CERTIFICATION

THE CONTRACTOR SHALL CERTIFY THE DESIGN. UPON COMPLETION SHALL CERTIFY THE INSTALLATION AND PROVIDE A COPY OF THE REQUIRED CERTIFICATES TO SCENTRE GROUP.

11. AS BUILT DOCUMENTATION

THE CONTRACTOR SHALL KEEP ACCURATE MARKED UP RECORDS OF THE PLUMBING INSTALLATION DURING CONSTRUCTION AND SHALL SUBMIT UPON COMPLETION A SET OF AS BUILT DRAWINGS FOR APPROVAL TO SCENTRE GROUP. APPROVED AS BUILT DRAWINGS SHALL BE PROVIDED TO SCENTRE GROUP IN BOTH PDF AND AUTOCAD FORMAT.

SCENTRE GROUP

Scentre Design & Construction

WESTFIELD WARRINGAH
D11762 DAVID JONES DOWNSIZE STAGE 2D
HYDRAULIC SERVICES

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[illegible]

Key Plan

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MCM 000 267 265

HYDRAULIC SERVICES COVER SHEET AND DRAWING SCHEDULE

Drawing Scale N.T.S.		Scale Bar 1:200 	
Project No. D11762	Drawn By NS	Checked By KE	Plot Date

Drawing No.	Revision
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