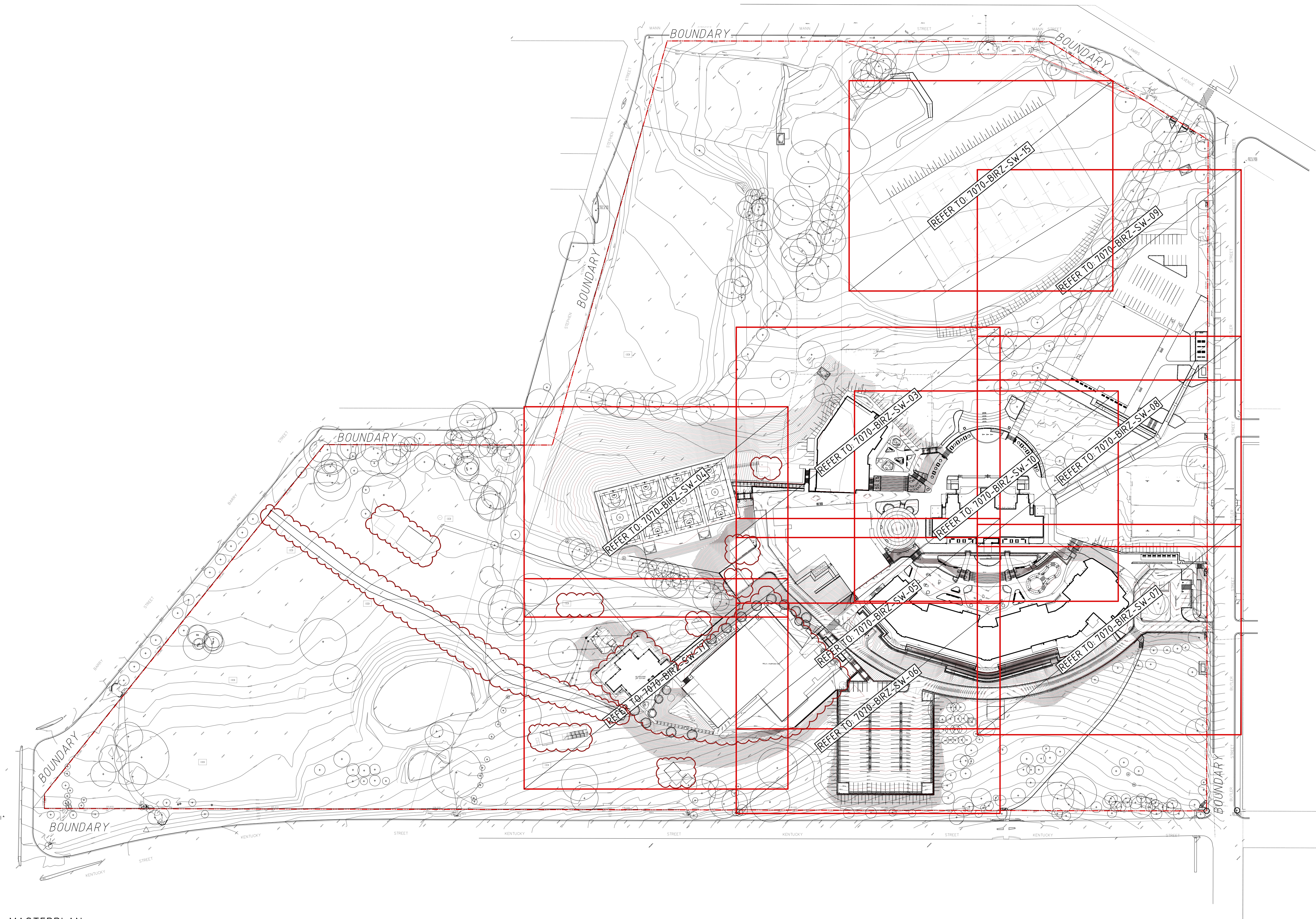




MASTERPLAN
SCALE 1:1000

Issue				
No.	Date	Description	Chkd	
C	12.10.18	SSD DA V2 SUBMISSION	SL	
D	07.02.19	DRAWING UPDATED	SL	
E	15.04.19	CARPARK REVISED	SL	
F	20.04.20	SSD DA V4 SUBMISSION (STAIR ADDED, BIKE PARKING ADDED, GABION WALL UPDATED, GAS ENCLOSURE RELOCATED, CARPARK ACCESS UPDATED, AG BUILDING UPDATED, GA SHED REMOVED, NEW RAMP, NEW VEGETABLE GARDEN)	SL	
G	03.09.20	SSD DA V4 SUBMISSION NEW MULTI-PURPOSE HALL ADDED	MG	

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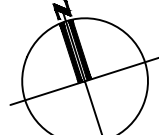
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Project
ARMIDALE SECONDARY COLLEGE

at
BUTLER STREET, ARMIDALE, NSW, 2350

for
NSW Department of Education

Drawing Title
OVERALL SITE MASTERPLAN

	Date: 14/03/2018	Revision G
	Scale:1:1000 @ A1	
Drawing Reference 7070-BIRZ-SW-02		

REFER TO DWG. 7070-BIRZ-SW-05



D/S IL = DOWNSTREAM INVERT LEVEL

— EX. SW — EXISTING STORMWATER PIPE
TO BE DEMOLISH (U.N.O)

NOTE:
PROVIDE HEEL GUARD TO ALL PITS AND TRENCH
GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue				
No.	Date	Description		Chkd
C	12/10/16	SSD DA V2 SUBMISSION		
D	07/02/19	DRAWING UPDATED	SL	
E	20/04/20	SSD DA V3 SUBMISSION (PITS AND PIPES DELETED, NEW SWALE WITH PIT & PIPE SYSTEM ADDED, NEW VEGETABLE GARDEN, RAMP & STAIR REVISED, STAIR REVISED, TURNING BAY REVISED, GABION WALL REVISED, NEW PIPE ADDED)	SL	
F	03/09/20	SSD DA V4 SUBMISSION NEW MULTIPURPOSE HALL ADDED, PIPE REVISED GREENHOUSE REVISED, GROUNDSKEEPER SHED REVISED		MC

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for
NSW Department of Education

STORMWATER

STORMWATER DRAINAGE PLAN

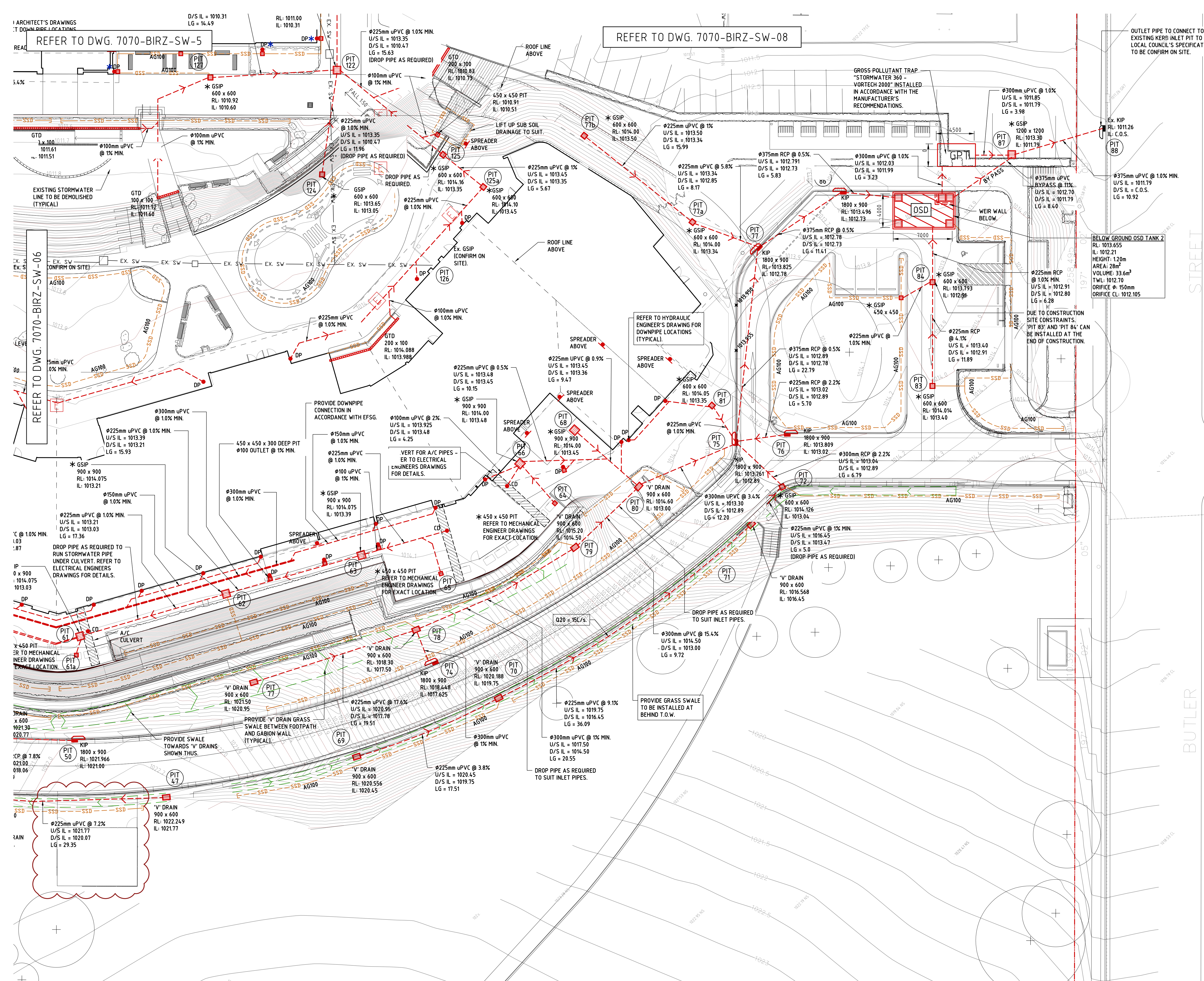
DRAINAGE
SHEET 2

Scale:1:200 @ A1

Revision

7070-BIRZ-SW-04

F



SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.

U/S IL = UPSTREAM INVERT LEVEL
D/S IL = DOWNSTREAM INVERT LEVEL
LG = PIPE LENGTH

EX. SW EXISTING STORMWATER PIPE TO BE DEMOLISH (U.N.O)

NOTE: PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE PITS, EITHER TO ABSORPTION TRENCHES FILLED WITH RUBBLE OR TO THE STORMWATER DRAINAGE SYSTEM.

NOTE: PROVIDE HEEL GUARD TO ALL PITS AND TRENCH GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue No.	Date	Description	Chkd
1	12.10.18	SSD DATA SUBMISSION	SL
2	07.02.19	DRAWING UPDATED	SL
3	08.03.19	LEVELS ADDED	SL
4	20.04.20	SSD DATA SUBMISSION	SL
5	03.09.20	SSD DATA SUBMISSION GAS STORAGE ENCLOSURE MOVED	MG

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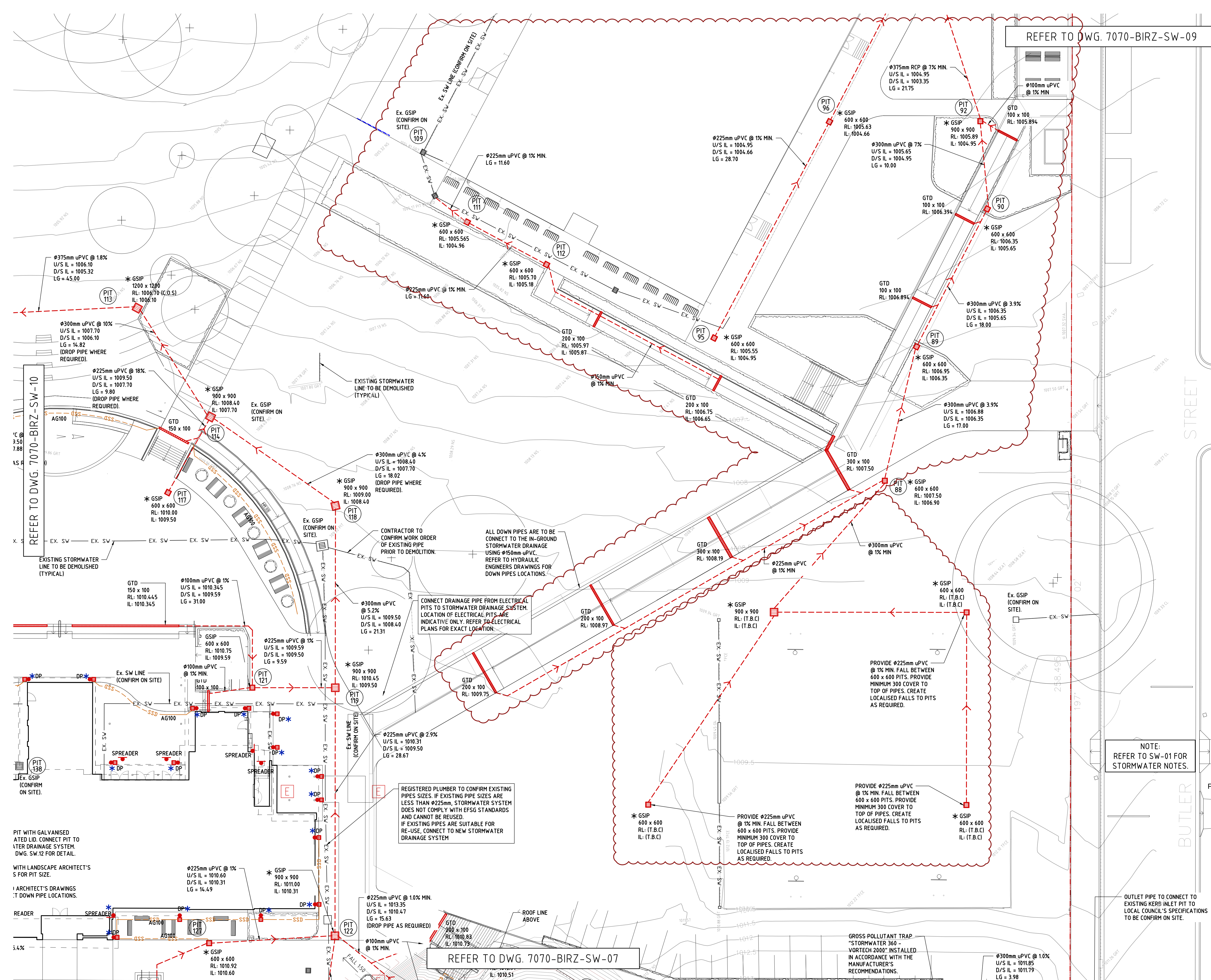
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for
NSW Department of Education

Drawing Title
**STORMWATER
DRAINAGE PLAN
SHEET 5**

Date: 14/03/2018
Scale: 1:200 @ A1
Drawing Reference
7070-BIRZ-SW-07

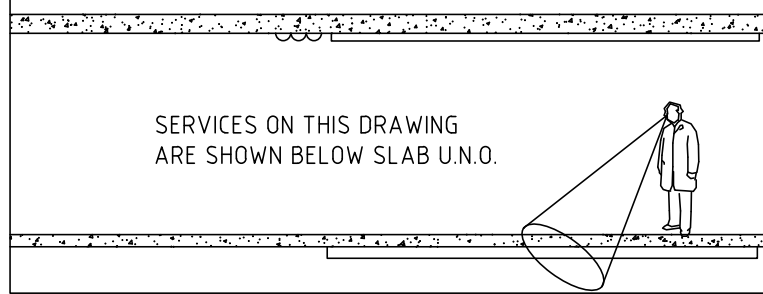
Revision
H



REFER TO DWG. 7070-BIRZ-SW-09

REFER TO DWG. 7070-BIRZ-SW-10

REFER TO DWG. 7070-BIRZ-SW-07



U/S IL = UPSTREAM INVERT LEVEL
D/S IL = DOWNSTREAM INVERT LEVEL
LG = PIPE LENGTH
EX. SW — EXISTING STORMWATER PIPE TO BE DEMOLISH (U.N.O)

NOTE: PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE PITS, EITHER TO ABSORPTION TRENCHES FILLED WITH RUBBLE OR TO THE STORMWATER DRAINAGE SYSTEM.
NOTE: PROVIDE HEEL GUARD TO ALL PITS AND TRENCH GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue				
No.	Date	Description	SL	Chld
1	12/10/18	SSD DATA SUBMISSION	SL	
2	07/02/19	DRAWING UPDATED	SL	
3	20/02/19	DRAWING UPDATED	SL	
4	20/04/20	SSD DATA SUBMISSION	SL	
(STEPS REVISED, NEW FOOTPATH, DELETED COVERED WALKWAYS, PROPOSED NEW PAVE BUILDING, CARPARK REVISED, FOOTPATH REVISED, ADDED BLOCK-B ROOF SPREADERS & DOWNPIPES, FITNESS & MOVEMENT)				
5	03/09/20	SSD DATA SUBMISSION (REVISED) PITS & PIPES ADDED	MG	

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at BUTLER STREET, ARMIDALE, NSW, 2350
for NSW Department of Education

Drawing Title
STORMWATER DRAINAGE PLAN SHEET 6

	Date: 14/03/2018	Revision
	Scale: 1:200 @ A1	
	Drawing Reference 7070-BIRZ-SW-08	G

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB U.N.O.

U/S IL = UPSTREAM INVERT LEVEL

D/S IL = DOWNSTREAM INVERT LEVEL

LG = PIPE LENGTH

EX. SW EXISTING STORMWATER PIPE
TO BE DEMOLISH (U.N.O)

NOTE:
PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE
PITS, EITHER TO ABSORPTION TRENCHES FILLED
WITH RUBBLE OR TO THE STORMWATER DRAINAGE
SYSTEM.

NOTE:
PROVIDE HEEL GUARD TO ALL PITS AND TRENCH
GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue				
No.	Date	Description	Chkd	
C	12/10/18	SSD DATA SUBMISSION	SL	
D	07/02/19	DRAWING UPDATED	SL	
E	15/04/19	CARPARK REVISED	SL	
F	20/04/20	SSD DATA SUBMISSION (STEPS REVISED, STAIRS ADDED, CARPARK REVISED, STEPS DELETED, CARPARK ADDED, OSD TANK & GPT ADDED, WALK WAY REVISED)	SL	
G	03/09/20	SSD DATA SUBMISSION PITS & PIPES ADDED	MG	

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Project

ARMIDALE SECONDARY COLLEGE

at

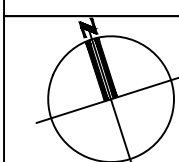
BUTLER STREET, ARMIDALE, NSW, 2350

for

NSW Department of Education

Drawing Title

STORMWATER
DRAINAGE PLAN
SHEET 7



Date: 14/03/2018

Scale:1:200 @A1

Drawing Reference

7070-BIRZ-SW-09

Revision

G

REFER TO DWG. 7070-BIRZ-SW-03

REFER TO DWG. 7070-BIRZ-SW-10

REFER TO DWG. 7070-BIRZ-SW-08

REFER TO DWG. 7070-BIRZ-SW-03

REFER TO DWG. 7070-BIRZ-SW-09

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB U.N.O.

U/S IL = UPSTREAM INVERT LEVEL
D/S IL = DOWNSTREAM INVERT LEVEL
LG = PIPE LENGTH

EX. SW — EXISTING STORMWATER PIPE
TO BE DEMOLISH (U.N.O)

NOTE: PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE
PITS, EITHER TO ABSORPTION TRENCHES FILLED
WITH RUBBLE OR TO THE STORMWATER DRAINAGE
SYSTEM.

NOTE: PROVIDE HEEL GUARD TO ALL PITS AND TRENCH
GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue			
No.	Date	Description	Chkd
1	12/10/18	SSD D&V SUBMISSION	SL
2	07/02/19	DRAWING UPDATED	SL
3	20/04/20	SSD D&V SUBMISSION (STAIR REVISED, STAIR & TIERED SEATING REVISED, NEW TIMBER DECKING REVISED, FOOTPATH REVISED, LANDSCAPE REVISED, ADDED BLOCK-B ROOF SPREADERS & DOWNPIPES)	SL

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for NSW Department of Education

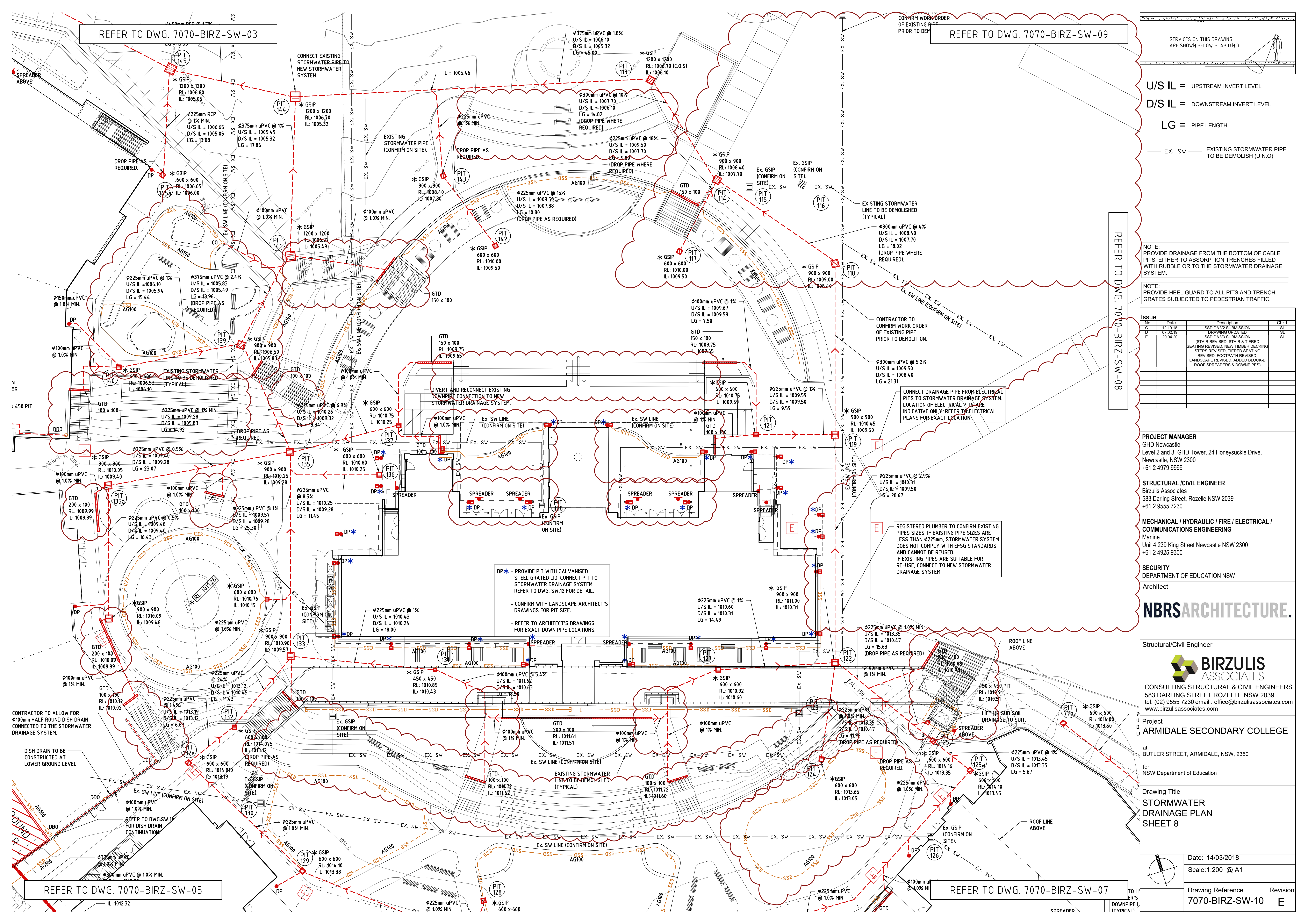
Drawing Title
**STORMWATER
DRAINAGE PLAN
SHEET 8**

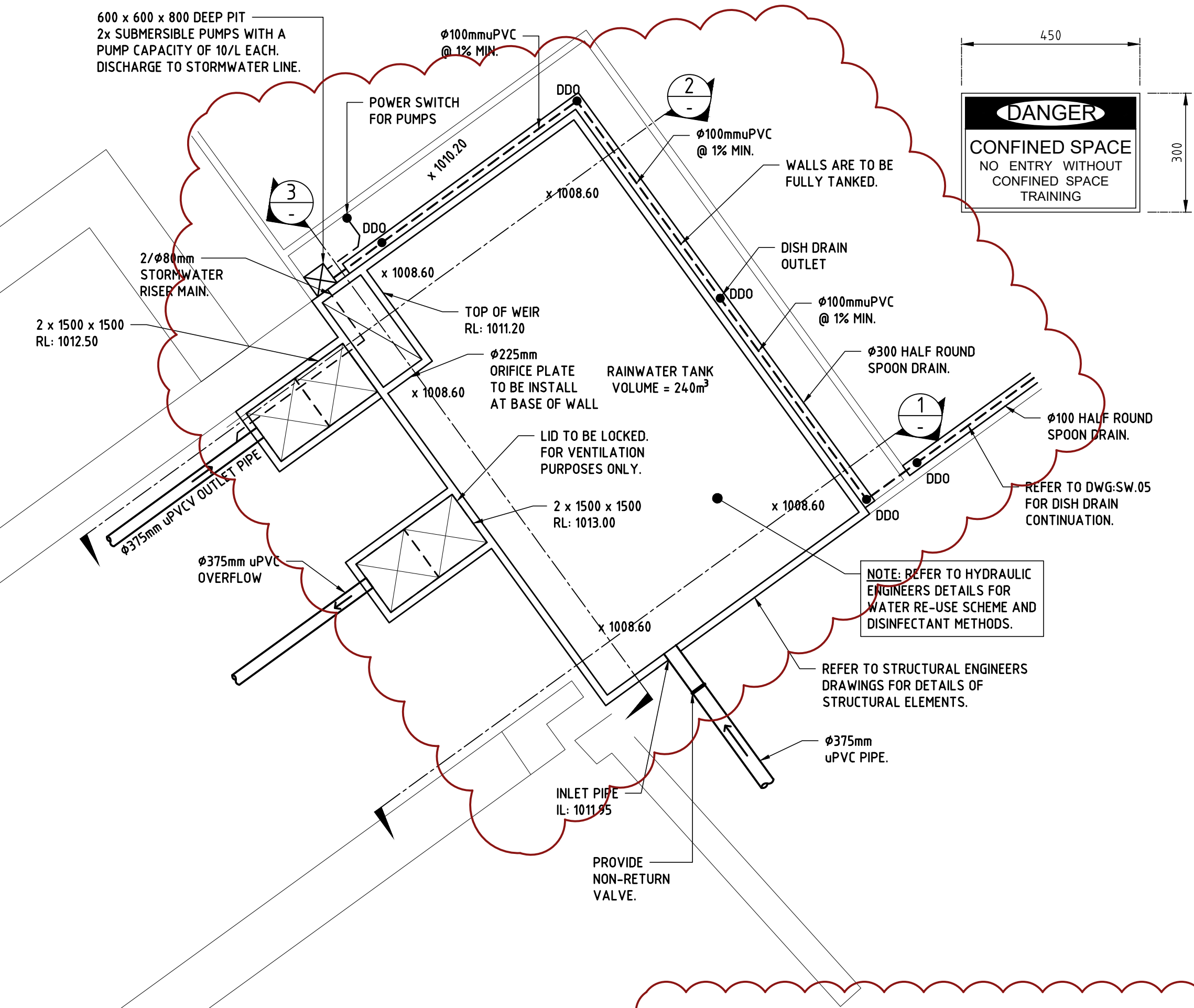
Date: 14/03/2018	Revision
Scale: 1:200 @ A1	E
Drawing Reference 7070-BIRZ-SW-10	

REFER TO DWG. 7070-BIRZ-SW-08

REFER TO DWG. 7070-BIRZ-SW-07

REFER TO DWG. 7070-BIRZ-SW-05





PLAN ON OSD TANK 1 BASE SLAB
SCALE 1:100

NOTE:
THIS STRUCTURE IS A CONFINED SPACE AREA. ONLY PERSONNEL WITH ENTRY PERMITS IN CONFINED SPACES HAVE ACCESS TO THIS TANK.
BEFORE ANY WORK IN RELATION TO A CONFINED SPACE STARTS, SIGNS MUST BE ERECTED TO PREVENT ENTRY OF PERSONS NOT INVOLVED IN THE WORK.
SIGNS MUST WARN AGAINST ENTRY BY PEOPLE OTHER THAN THOSE WHO ARE LISTED ON THE CONFINED SPACE ENTRY PERMIT, AND MUST BE PLACED AT EACH ENTRANCE TO THE CONFINED SPACE. SIGNS MUST BE IN PLACE WHILE THE CONFINED SPACE IS ACCESSIBLE, INCLUDING WHEN PREPARING TO WORK IN THE SPACE, DURING WORK IN THE SPACE AND WHEN PACKING UP ON COMPLETION OF THE WORK.
SIGNPOSTING ALONE SHOULD NOT BE RELIED ON TO PREVENT UNAUTHORISED ENTRY TO A POTENTIAL CONFINED SPACE. SECURITY DEVICES, FOR EXAMPLE LOCKS AND FIXED BARRIERS, SHOULD BE INSTALLED.

KERB INLET PIT NOTES:

1. KERB INLET PITS TO BE CONSTRUCTED TO ARMIDALE REGIONAL COUNCIL'S STANDARDS
2. ALL KERB INLET PITS TO BE CAST IN-SITU.
3. ALL CONCRETE SHALL BE 32MPa STRENGTH AT 28 DAYS WITH SL82 MESH CENTRALLY PLACED.

DESIGN NOTES:

1. THE PRE/POST-DEVELOPMENT IMPERVIOUS AREA WAS MEASURED THROUGH AUTOCAD.
2. THE POST-DEVELOPMENT IMPERVIOUS AREA WAS DESIGNATED A VALUE OF 85% FOR A MORE CONSERVATIVE VALUE AND TO REPLICATE THE PROPOSED IMPERVIOUS AREA FOR SIZING OSD ON DRAINS.
3. THE RAINFALL DATA WAS CALCULATED AND OBTAINED BY THE BUREAU OF METEOROLOGY, AUSTRALIA FOR THE RESPECTIVE LOCATION OF THE SITE.
- LATITUDE: -30.519903
- LONGITUDE: 151.652334

DESIGN NOTES:

THE SITE IS LOCATED IN ARMIDALE REGIONAL COUNCIL. THE OSD STORAGE SYSTEM AND RETENTION SYSTEM WILL BE BELOW GROUND. OSD WAS DESIGNED USING DRAINS. THE RESULTS ARE SHOWN BELOW.

DRAIN MODELLING PARAMETERS:

THE STORAGE CAPACITY AND PERMISSIBLE SITE DISCHARGE OF THE OSD WAS CALCULATED THROUGH A DRAINS MODEL WITH REGARDS TO ARMIDALE REGIONAL COUNCIL DCP REQUIREMENTS LISTED BELOW. POST DEVELOPMENT FLOWS RESTRICTED TO PRE-DEVELOPMENT FLOWS (IN ACCORDANCE WITH COUNCIL DCP), UNDER 20 YEAR ARI STORM EVENT.

SITE AREA CONSIDERED = 55,000m²

PRE-DEVELOPMENT CATCHMENT= 36.00% IMPERVIOUS.

64.00% PERVIOUS.

POST-DEVELOPMENT CATCHMENT= 51.00% IMPERVIOUS.

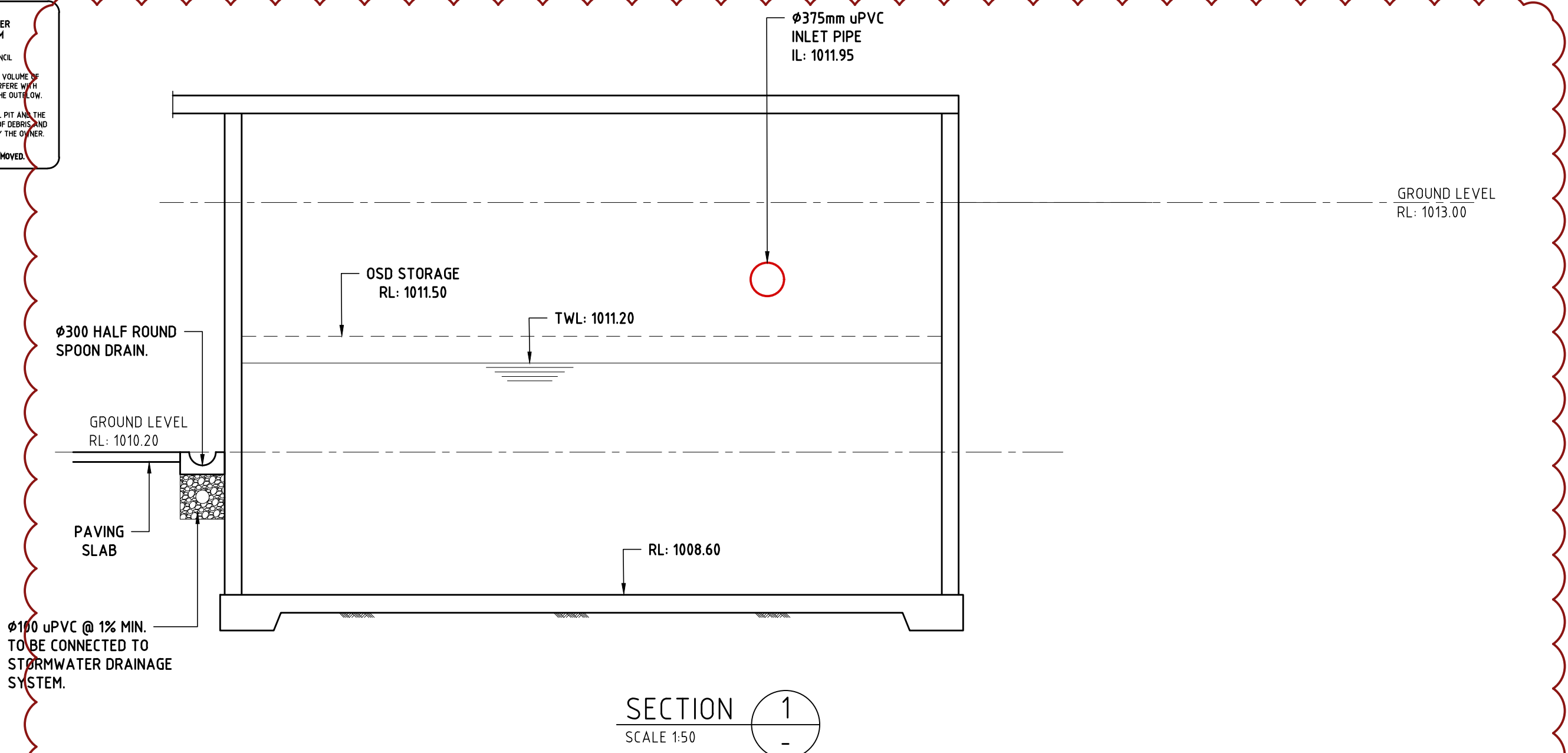
49.00% PERVIOUS.

POST-DEVELOPMENT OSD REQUIREMENTS (TANK 1 + RETENTION TANK)

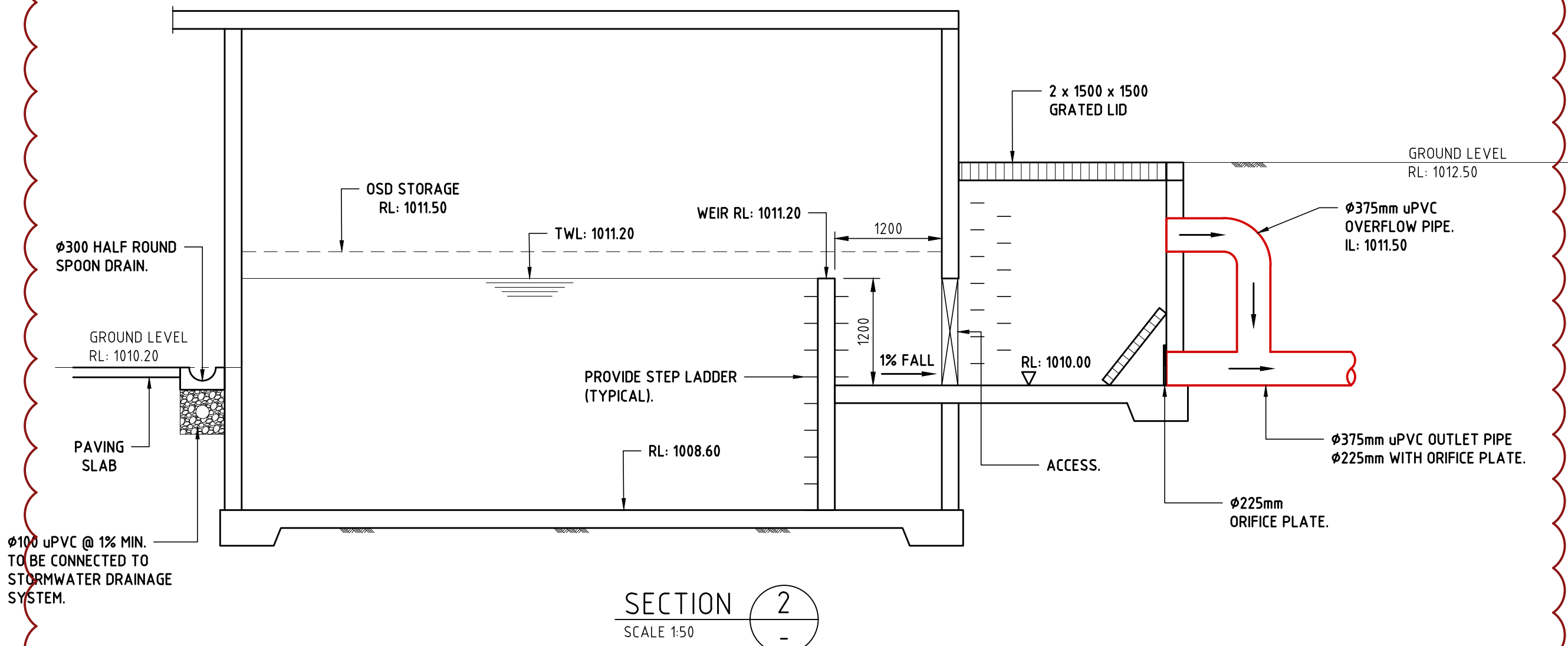
LOT AREA (m ²)	PRE-DEV. IMPERVIOUS (%)	POST-DEV. IMPERVIOUS (%)	STORM (YR)	PRE-DEV. FLOW (m ³ /s)	POST-DEV. FLOW (m ³ /s)	PIPE OUTFLOW (m ³ /s)	WIER OUTFLOW (m ³ /s)	TOTAL PSD (m ³ /s)	OSD VOLUME (m ³)
55,000	36	51	5	0.596	0.803	0.217	0.000	0.217	24.0 (RETENTION)
			20	1.150	1.340	0.293	0.002	0.295	21 (OSD)

SERVICES SHOWN ON PLAN ARE INDICATIVE, EXACT DEPTH AND LOCATION TO BE CONFIRMED ONSITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.

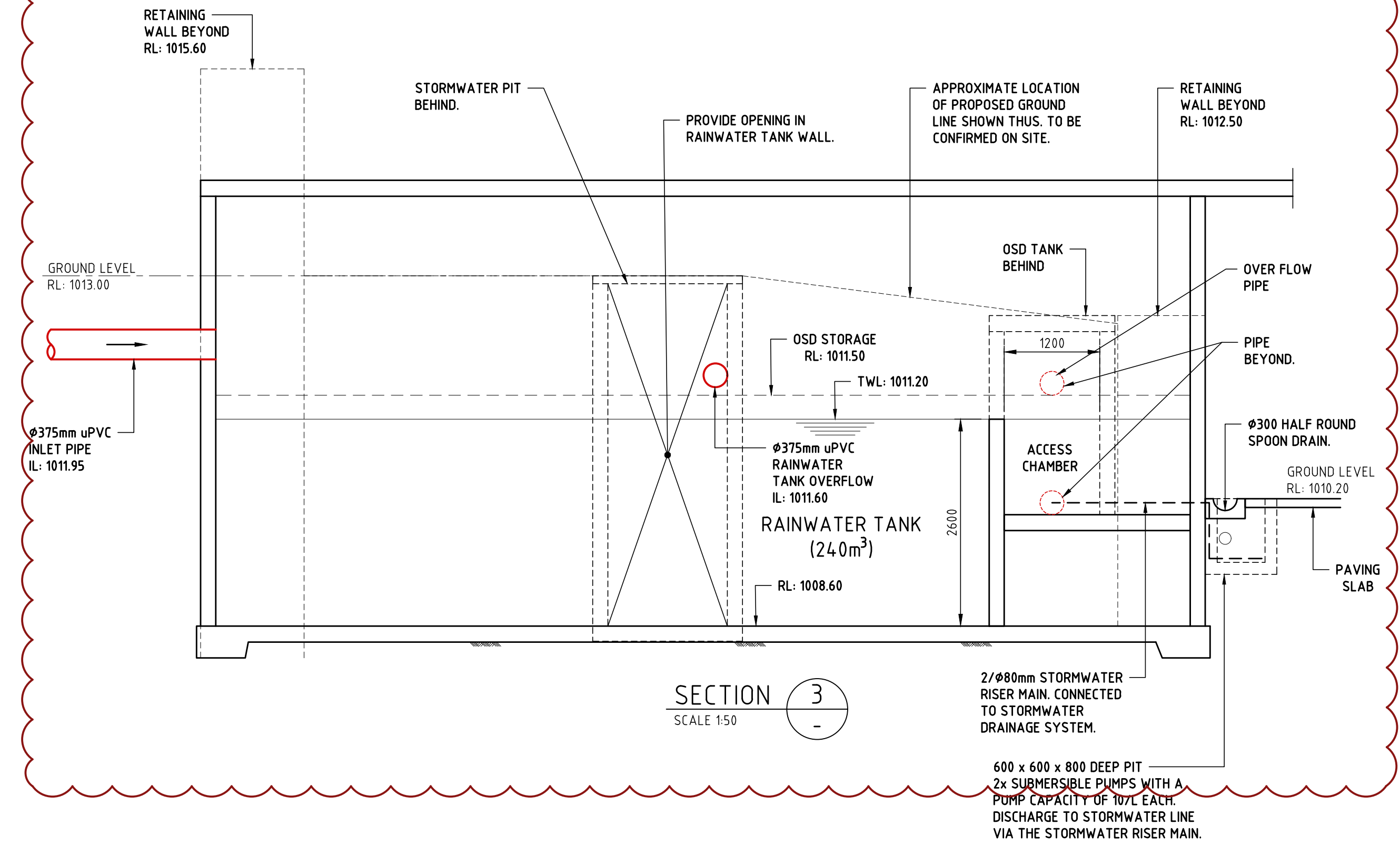
THIS IS AN
ON-SITE STORMWATER
RETENTION SYSTEM
REQUIRED BY LOCAL COUNCIL.
IT IS AN OFFENCE TO REDUCE THE VOLUME OF
THE TANK OR BASE OR TO REDUCE THE
ORIFICE PLATE THAT CONTROLS THE FLOW.
THE BASE OF THE DRAIN CONTROL PIT AND THE
DRAIN SCREEN MUST BE CLEANED OF DEBRIS AND
RETESTED ON A REGULAR BASIS BY THE OWNER.
THIS PLATE MUST NOT BE REMOVED.



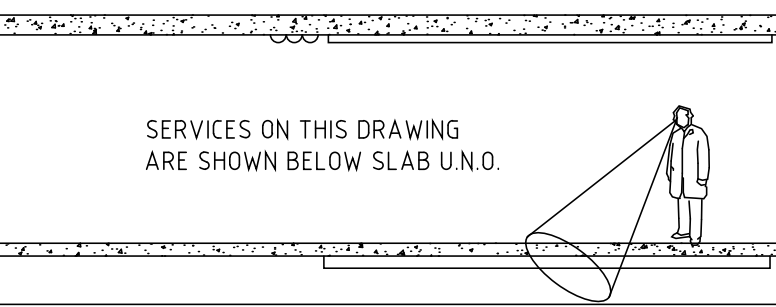
SECTION 1
SCALE 1:50



SECTION 2
SCALE 1:50



SECTION 3
SCALE 1:50



Issue				
No.	Date	Description	Sl	Chkd
C	12.10.18	SSD DAVIS SUBMISSION	SL	
D	07.02.19	DRAWING UPDATED	SL	
E	20.04.20	SSD DAVIS SUBMISSION (OSD CHAMBER DELETED, STORMFILTER CHAMBER DELETED, RAINWATER TANK REDUCED IN AREA FOOTPRINT, TANK SECTIONS REVISED)	SL	

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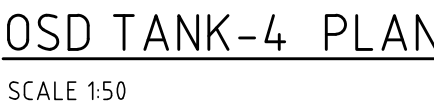
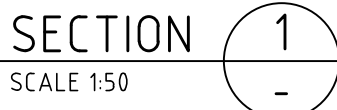
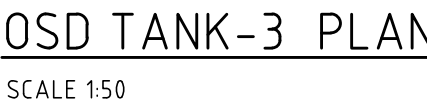
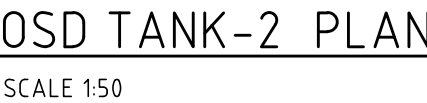
Drawing Title
OSD TANK PLAN AND SECTIONS

Date: 14/03/2018

Scale:REFER TO
DETAILS @ A1

Drawing Reference
7070-BIRZ-SW-11

Revision
E

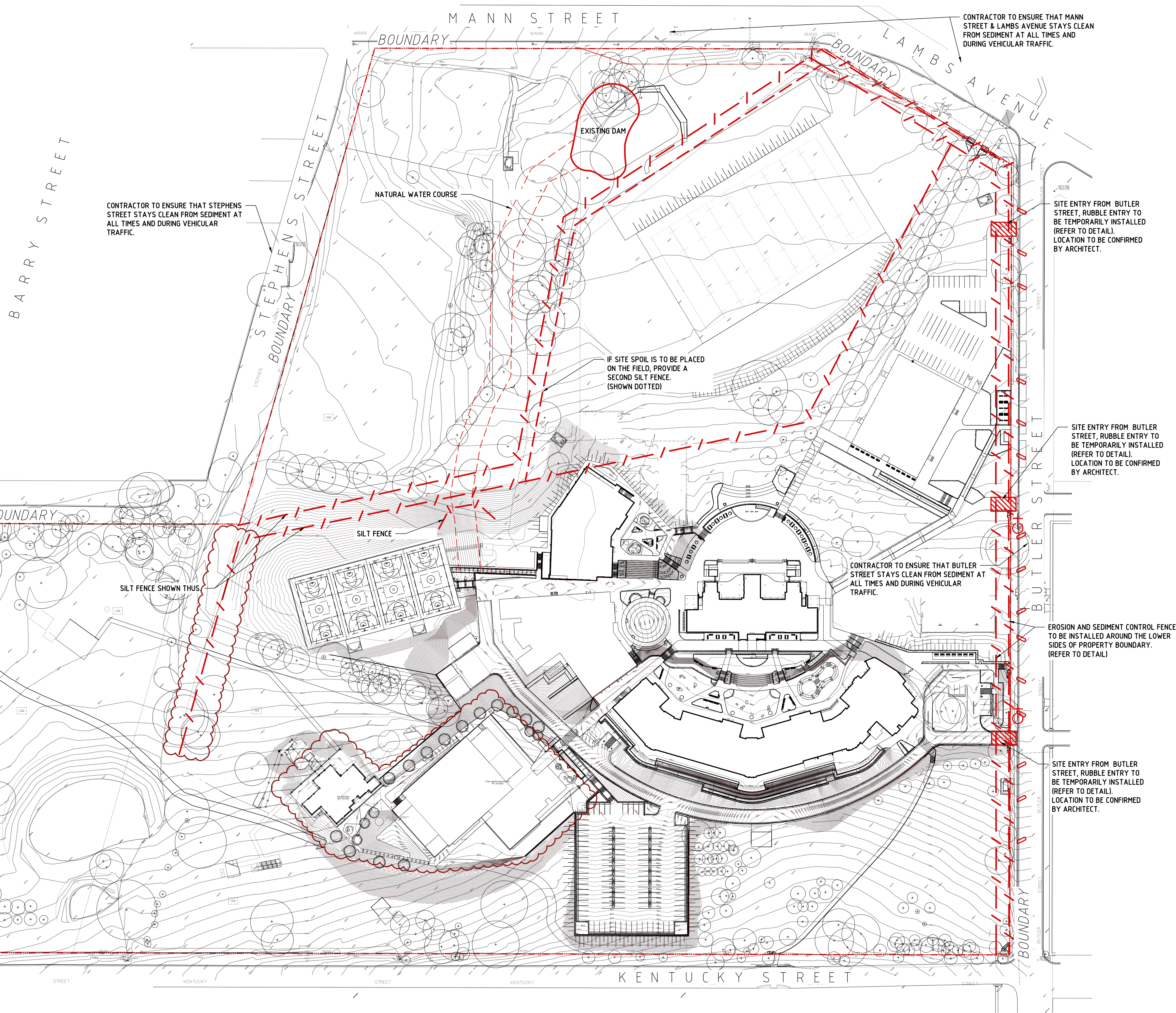
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	Date: 14/03/2018
	Scale: REFER TO DETAILS @ A1
	Drawing Reference Revision 7070-BIRZ-SW-11.1 B



EROSION & SEDIMENTATION
CONTROL NOTES

1. CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. TIE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
2. EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
3. NO PARKING OR STOCKPILING OF MATERIAL IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
4. GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
5. CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES.

1. THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
2. ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY LATER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

- A SYSTEM SHALL BE INSTALLED TO EITHER:
1. TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 2. TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY THE LOCAL COUNCIL.

Issue				
No.	Date	Description		Chkd
C	12.10.18	SSD DATA SUBMISSION	SL	
D	07.02.19	DRAWING UPDATED	SL	
E	15.04.19	CARPARK REVISED	SL	
F	20.04.20	SSD DATA SUBMISSION	SL	
		(CARPARK LAYOUT REVISED, HAY BALES DELETED, HAY BALES WITH SILT FENCE DELETED, SILT FENCE ADDED AG BUILDING RELOCATED, PAF BUILDING REVISED)		
G	03.09.20	SSD DATA SUBMISSION	MG	
		SEDIMENT FENCE FENCE REVISED, NEW GYM ADDED		

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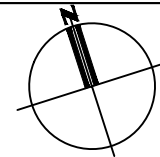
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Project
ARMIDALE SECONDARY COLLEGE

at
BUTLER STREET, ARMIDALE, NSW, 2350

for
NSW Department of Education

Drawing Title
**SOIL AND EROSION
SEDIMENT CONTROL PLAN**

	Date: 14/03/2018	Revision G
	Scale:1:1000 @ A1	
	Drawing Reference 7070-BIRZ-SW-13	

SOIL AND EROSION SEDIMENT CONTROL PLAN
SCALE 1:1000

[illegible]

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for
NSW Department of Education

Drawing Title
SOIL AND EROSION SEDIMENT CONTROL DETAILS

	Date: 14/03/2018	
	Scale: 1:--- @ A1	
	Drawing Reference 7070-BIRZ-SW-14	Revision E

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB U.N.O.

U/S IL = UPSTREAM INVERT LEVEL

D/S IL = DOWNSTREAM INVERT LEVEL

LG = PIPE LENGTH

NOTE:
PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE
PITS, EITHER TO ABSORPTION TRENCHES FILLED
WITH RUBBLE OR TO THE STORMWATER DRAINAGE
SYSTEM.

NOTE:
PROVIDE HEEL GUARD TO ALL PITS AND TRENCH
GRATES SUBJECT TO PEDESTRIAN TRAFFIC.

Issue				
No.	Date	Description	Chkd	
C	12/10/18	SSD DATA SUBMISSION	SL	
D	07/02/19	DRAWING UPDATED	SL	
E	20/04/20	SSD DATA SUBMISSION (PIT & PIPE SYSTEM ADDED)	SL	

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for
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Drawing Title
**STORMWATER CONCEPT
DRAINAGE PLAN
SHEET 9**

	Date: 14/03/2018	Revision
	Scale:1:200 @ A1	
	Drawing Reference 7070-BIRZ-SW-15	E

CONTRACTOR TO PROVIDE
HEADWALL TO SUIT EXISTING
SITE LEVELS. STORMWATER
TO DISCHARGE INTO
NATURAL SWALE.

Ø300mm uPVC @ 1.0% MIN.
U/S IL = 998.45
D/S IL = C.O.S.

* GSIP
(SILT ARRESTOR PIT)
900 x 900
RL: 999.45
IL: 998.85

Ø225mm uPVC
@ 1.0% MIN.
U/S IL =
D/S IL =
LG =

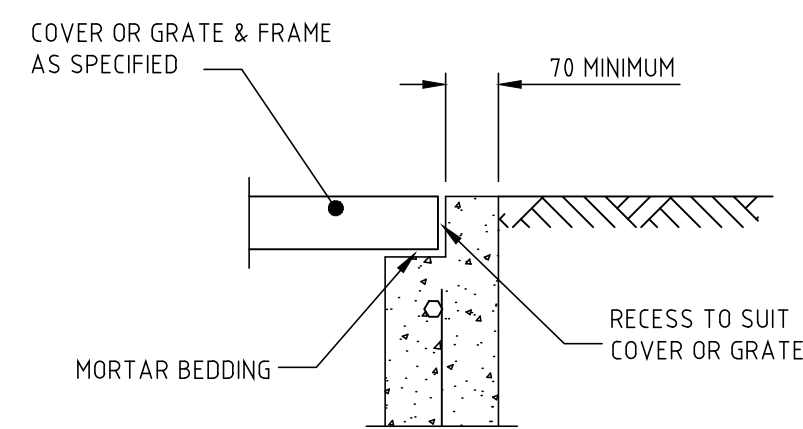
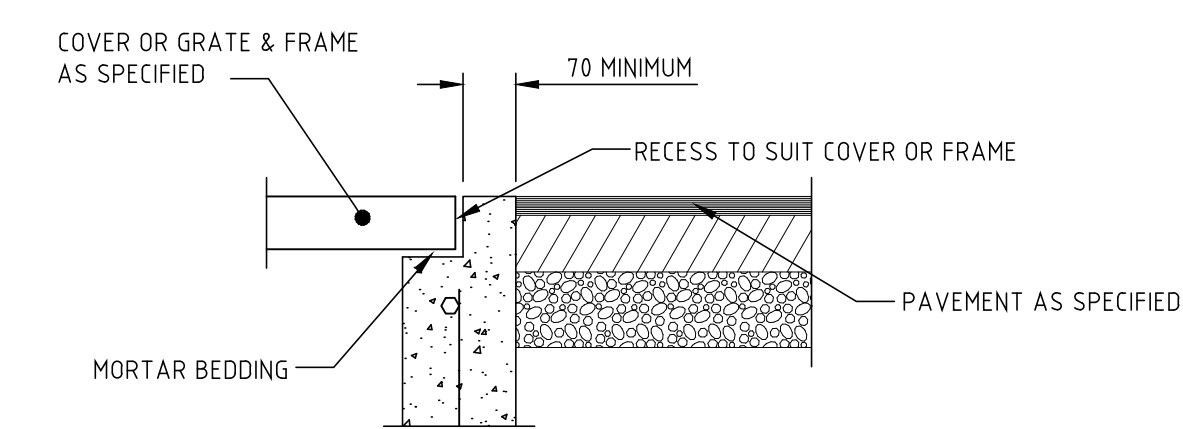
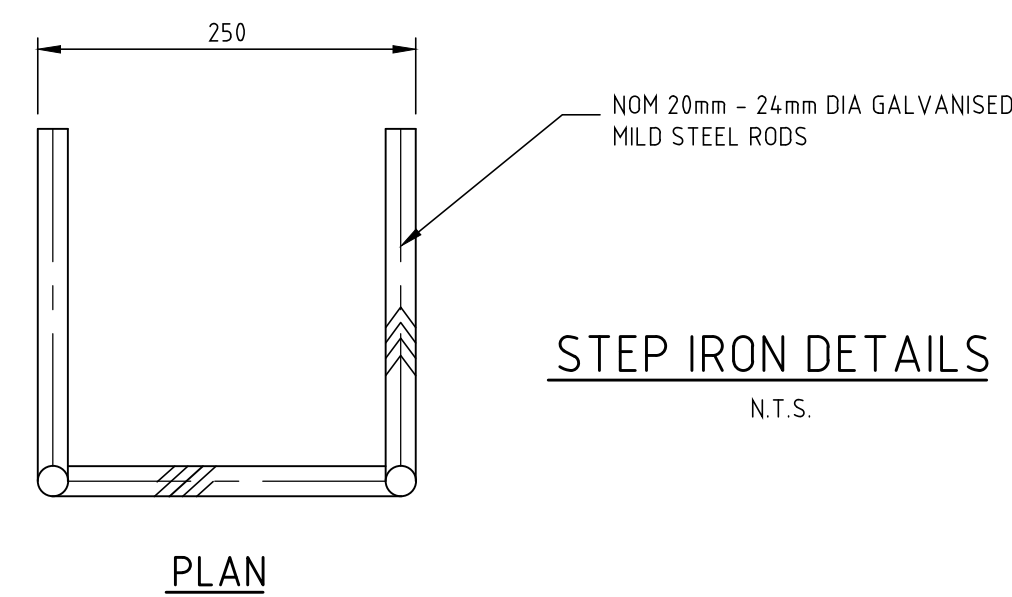
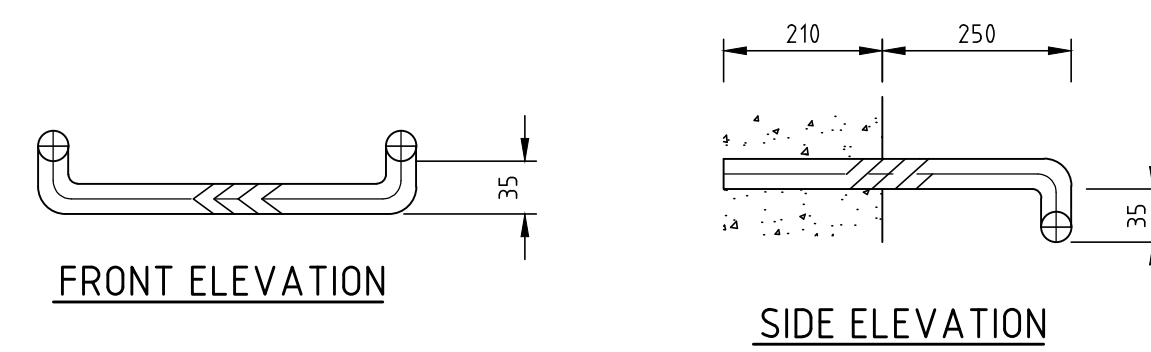
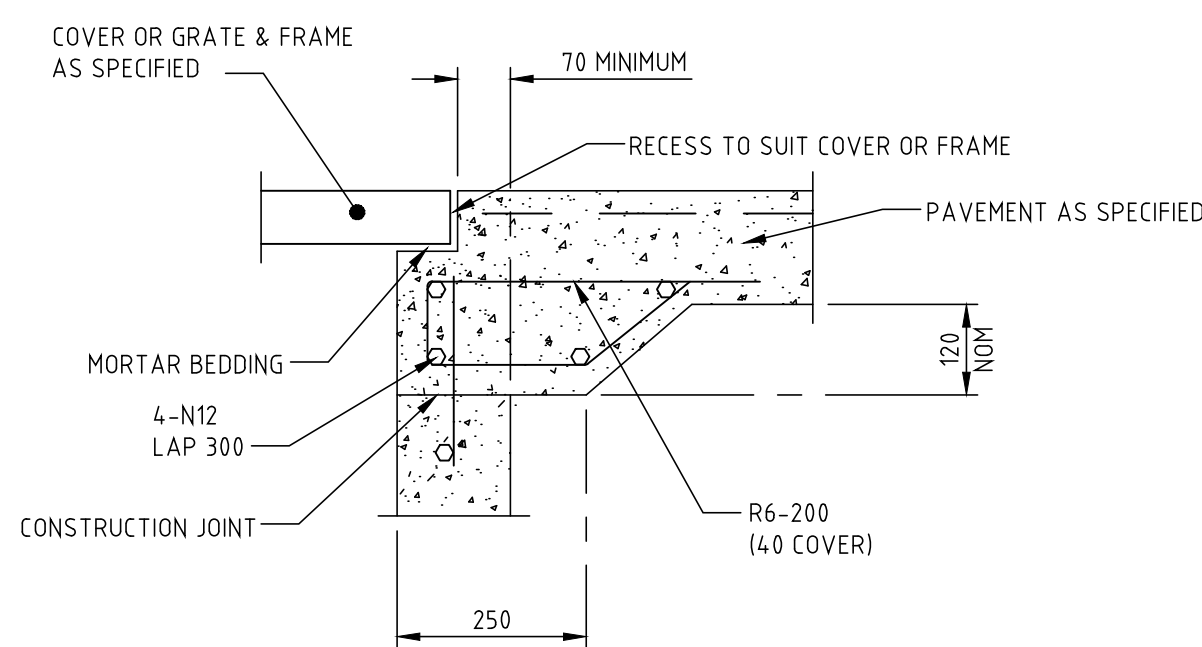
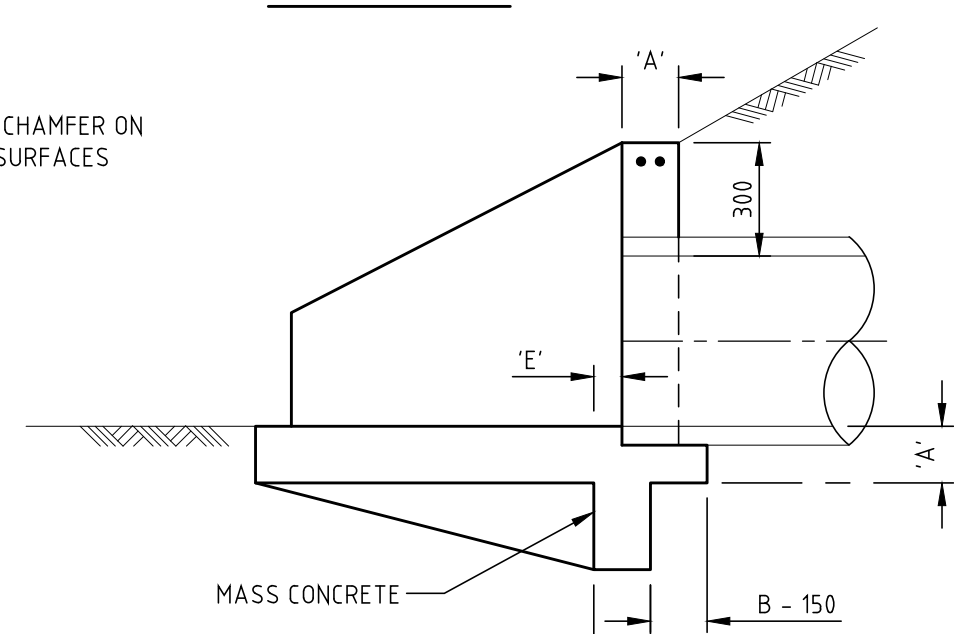
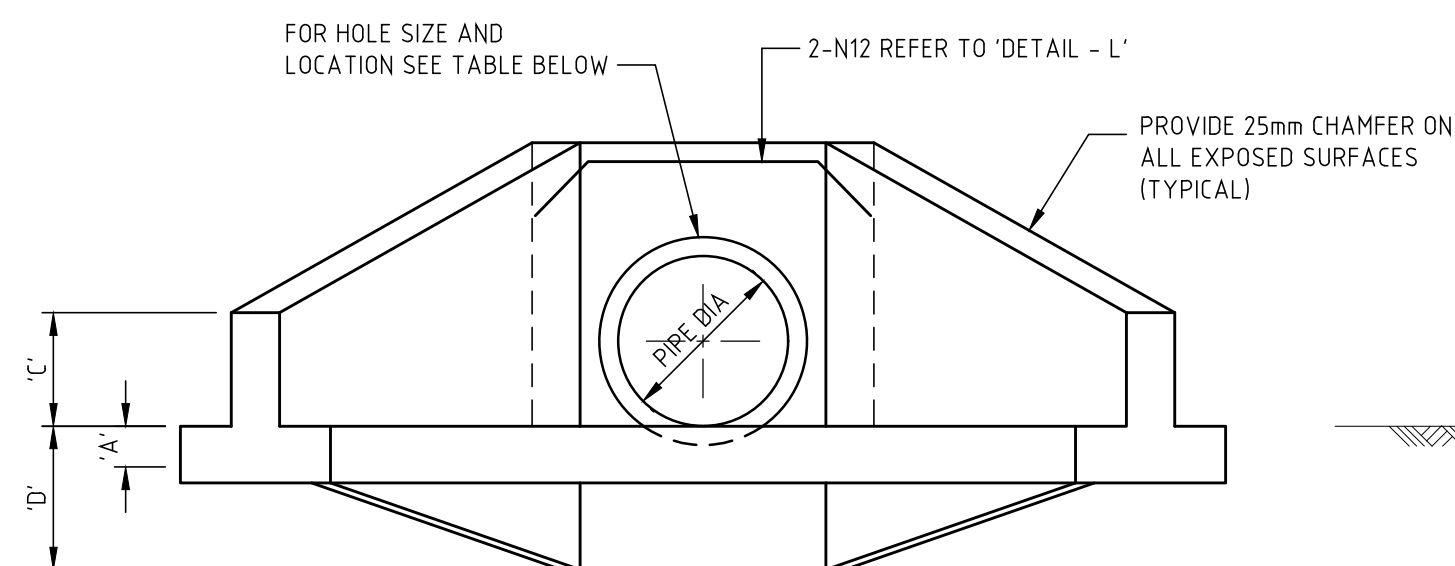
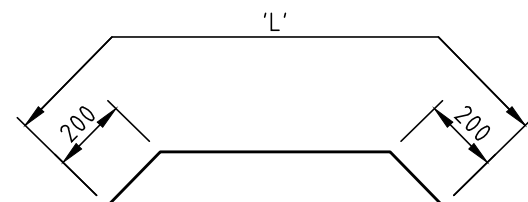
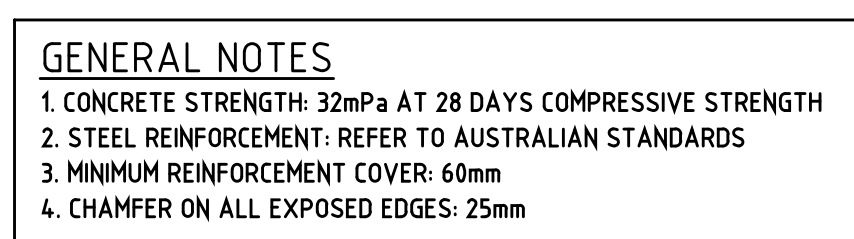
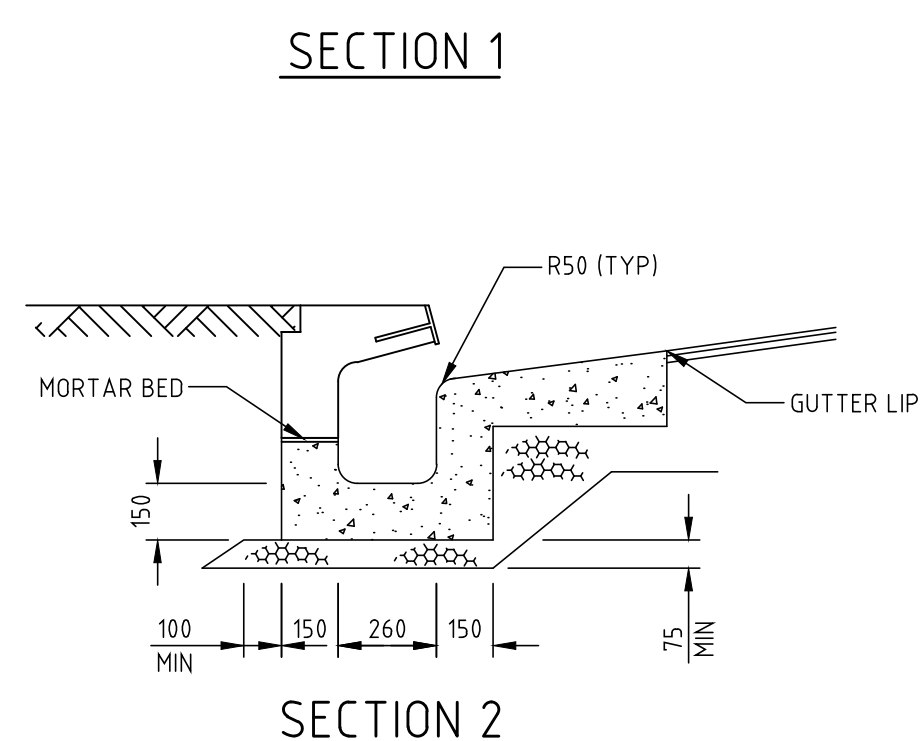
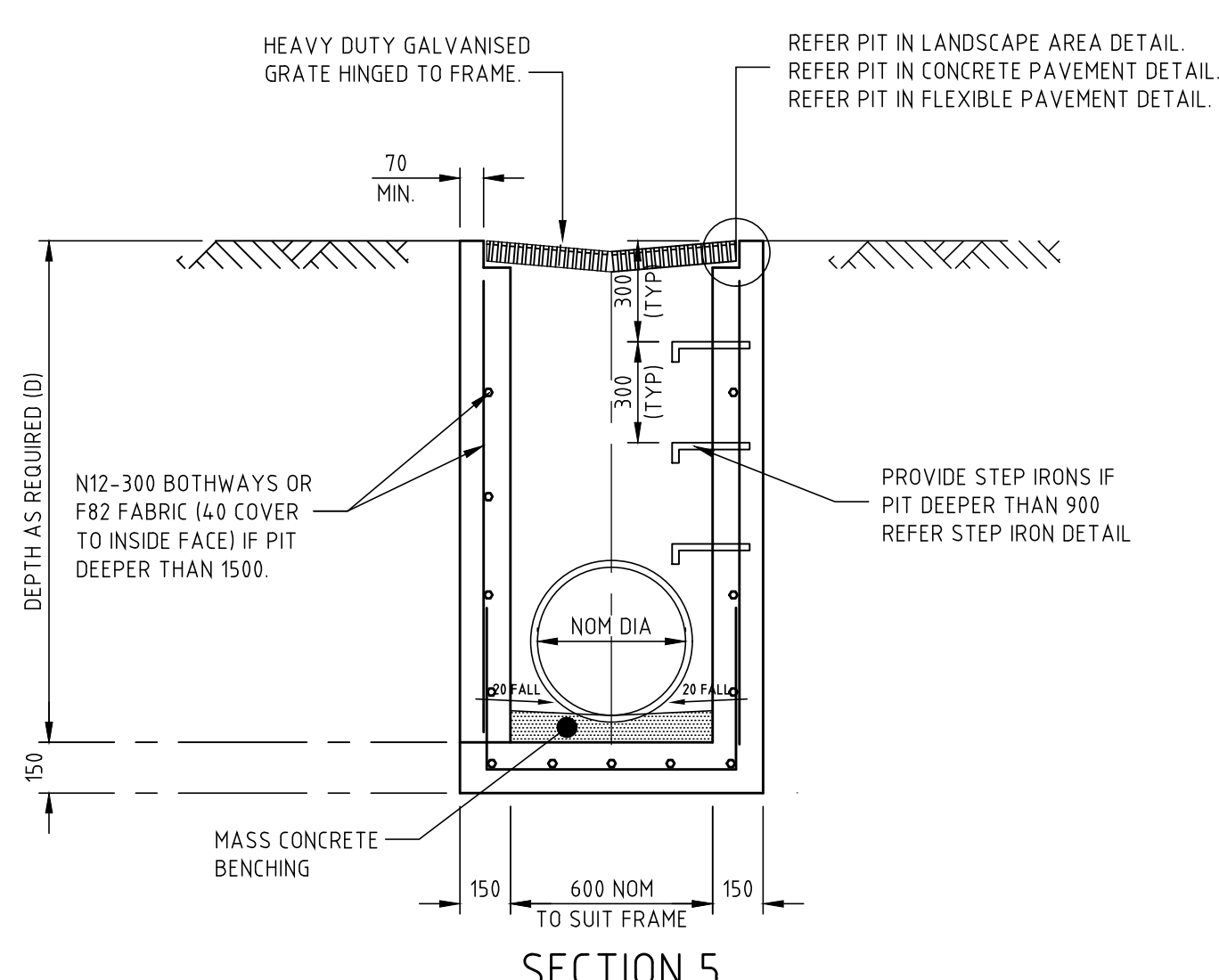
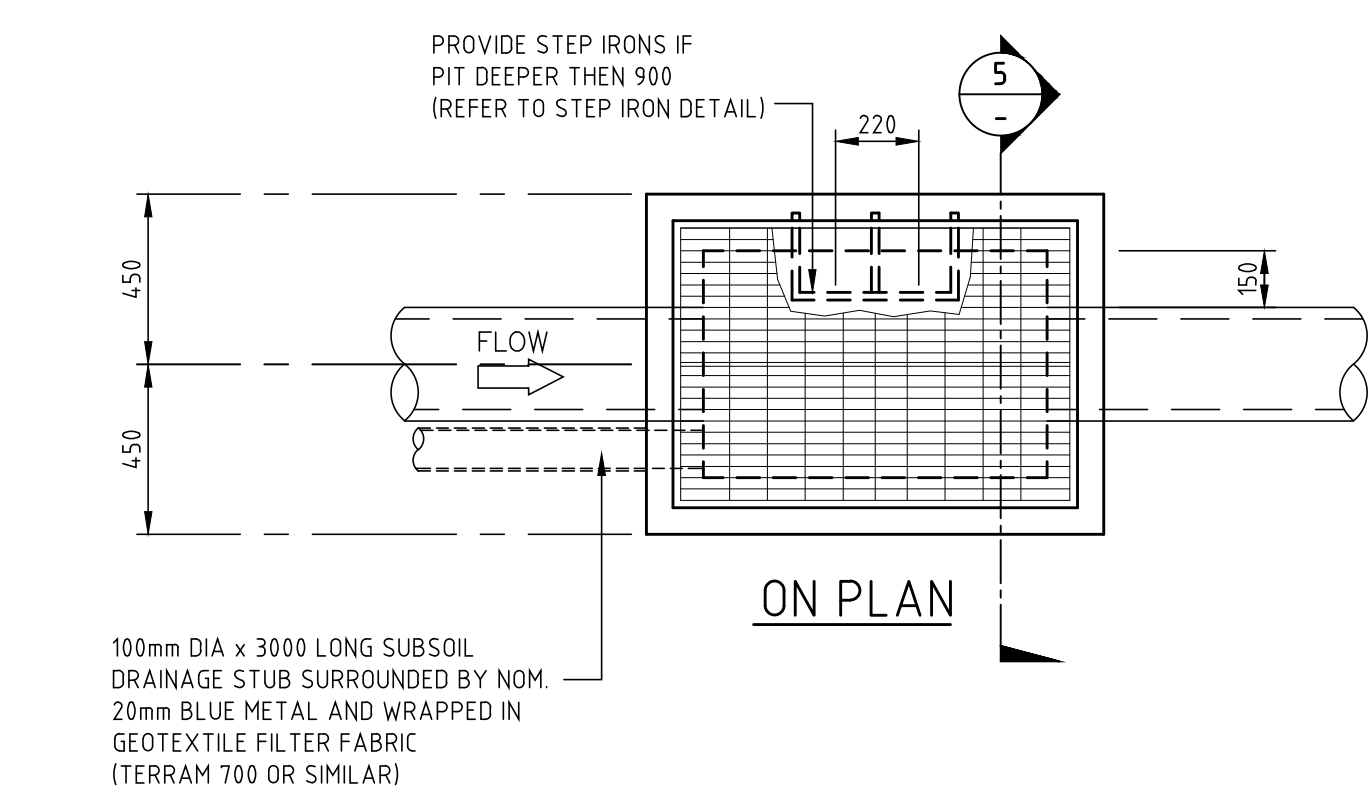
* GSIP
(SILT ARRESTOR PIT)
900 x 900
RL: 999.90
IL: 999.30

CONTRACTOR TO PROVIDE
SUBSOIL DRAINAGE 'AG'
LINES SHOWN THUS.

REFER TO DWG. 7070-BIRZ-SW-09

* Ex. GSIP
(CONFIRM
ON SITE)
RL: 1004.00
IL: 1003.60

PIT
106



PIPER DIAMETER		300ø	375ø	450ø	525ø	600ø	750ø	900ø
A		150	150	150	150	180	205	230
B		300	300	300	300	450	450	450
C		300	300	300	300	380	380	380
D		380	380	380	380	530	530	530
E		75	75	75	75	110	110	110
W		690	690	840	990	1120	1450	1780
L		840	840	915	990	1100	1250	1400
CONCRETE QUANTITY (m ³)		0.25	0.27	0.325	0.38	0.67	1.02	1.40
REINFORCEMENT DIAMETER		10	10	10	10	12	12	12
REINFORCEMENT	LENGTH (mm)	1680	1680	1830	1845	2200	2500	2800
	MASS (kg)	1.1	1.1	1.2	1.3	2.0	2.6	2.95

[illegible]

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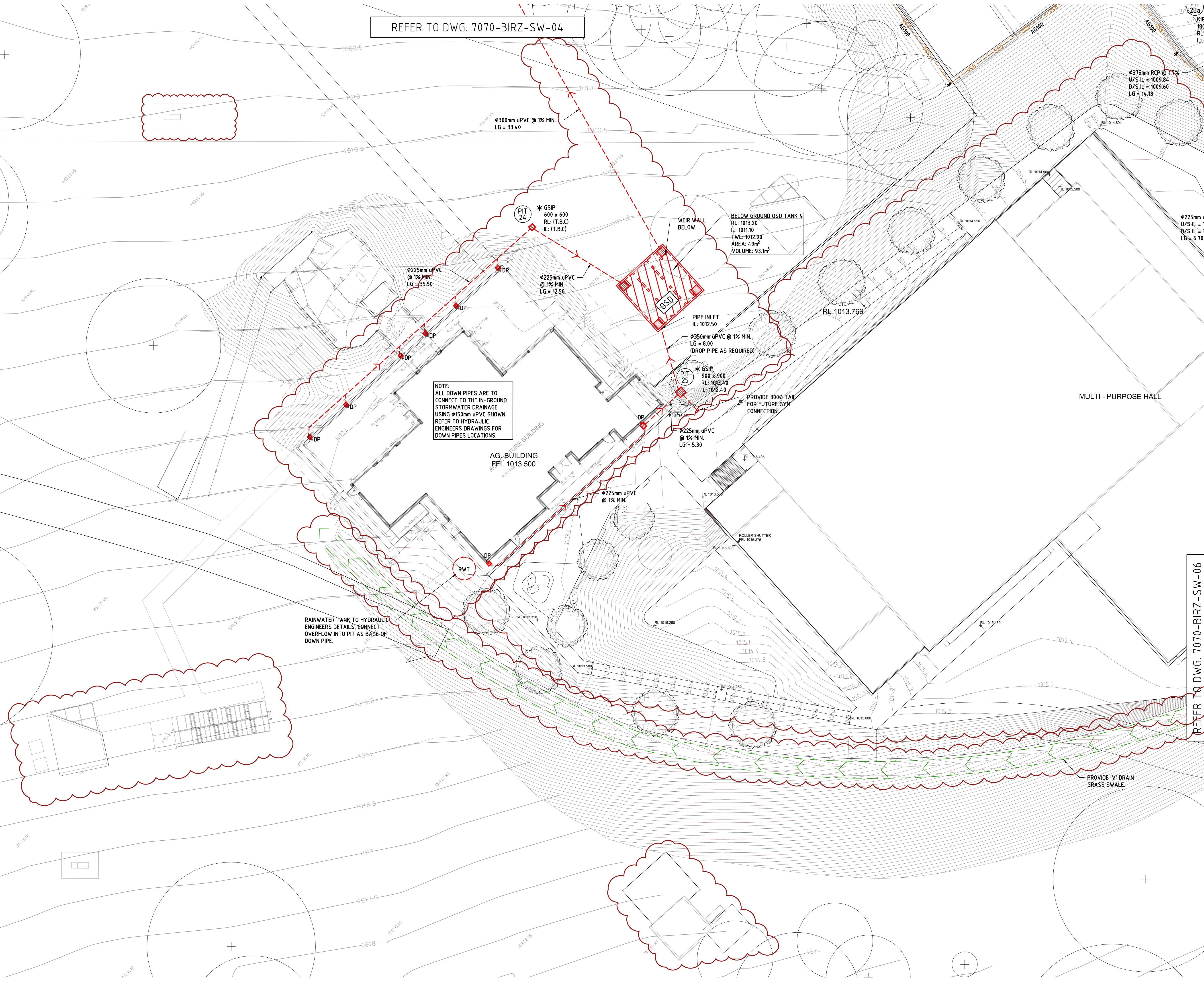
Project
ARMIDALE SECONDARY COLLEGE

at
BUTLER STREET, ARMIDALE, NSW, 2350

for
NSW Department of Education

Drawing Title
CIVIL WORKS -
DRAINAGE DETAILS

	Date: 14/03/2018	
	Scale: REFER TO DETAILS @ A1	
	Drawing Reference 7070-BIRZ-SW-16	Revision A



REFER TO DWG. 7070-BIRZ-SW-04

SERVICES ON THIS DRAWING
ARE SHOWN BELOW SLAB U.N.O.

LEGEND

NEW CARPARK SUBJECT TO
SEPERATE PLANNING PATHWAY.
THESE WORKS DO NOT FORM
PART OF THIS PROPOSAL.

U/S IL = UPSTREAM INVERT LEVEL

D/S IL = DOWNSTREAM INVERT LEVEL

LG = PIPE LENGTH

— EX. SW —

EXISTING STORMWATER PIPE
TO BE DEMOLISH (U.N.O)

NOTE:
PROVIDE DRAINAGE FROM THE BOTTOM OF CABLE
PITS, EITHER TO ABSORPTION TRENCHES FILLED
WITH RUBBLE OR TO THE STORMWATER DRAINAGE
SYSTEM.

NOTE:
PROVIDE HEEL GUARD TO ALL PITS AND TRENCH
GRATES SUBJECTED TO PEDESTRIAN TRAFFIC.

Issue			
No.	Date	Description	Chkd By
A	20.04.20	SSD DA V/S SUBMISSION (AG BUILDING RELOCATED)	
B	03.09.20	SSD DA V/S SUBMISSION NEW MULTIPURPOSE HALL ADDED, OSD TANK-4 ADDED, PITS & PIPES REVISED, SWALES RELOCATED, GREENHOUSE & CHICKEN COUP MOVED	MG

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**STORMWATER
DRAINAGE PLAN
SHEET 10**
at
BUTLER STREET, ARMIDALE, NSW, 2350
for
NSW Department of Education

Drawing Title

Date: 14/03/2018

Scale:1:200 @ A1

Drawing Reference
7070-BIRZ-SW-17

Revision
B

REFER TO DWG. 7070-BIRZ-SW-06