CONSTRUCTION ISSUE

FOR CONTINUATION REFER INSET

FOR CONTINUATION REFER ABOVE

NEW BUILDING
FFL 51.00

NEW BUILDING
FFL 51.50

NEW BUILDING
FFL 50.50

NEW BUILDING
FFL 50.15

NEW BUILDING
FFL 50.85

750 DIA PIERS AT 2.5m CTS

NEW BORED PIER & SHOTCRETE RETAINING WALL.

WALL HEIGHT 2.4m

300 DEEP DOWNTURN TO ACCOMMODATE BALUSTRADE FIXING.

MASS PLANTED AREA.

200 DEEP SWALE

REGRADE AREA TO SUIT NEW LEVELS.

CONSTRUCT NEW STAIRS.
CONSTRUCT NEW RAMP.
GRATED DRAIN HIGH POINT.

CONSTRUCT NEW STAIRS.

GRATED DRAIN HIGH POINT.

CONSTRUCT NEW STAIRS.
NEW PIT 11
CL 51.35
IL 50.05

EDGE THICKENING TO BE FOUNDED ON TOP FOOTING LEVEL. TYPICAL.

REMOVABLE BOLLARD AND LINE MARKING TO AS 2890.6

CONSTRUCT 300 WIDE CONCRETE DOWNTURN. REFER DETAIL.

NEW PIT 3
CL 50.80
IL 49.85

CONSTRUCT NEW STAIRS.

NEW PIT 2
GL 51.40
IL 50.00

NEW PIT 1
GL 51.14
IL 50.50

300 DIA CLASS 4 PIPE

EXISTING STORMWATER TO BE DEMOLISHED.

PROVIDE 300 WIDE CONCRETE DOWNTURN. REFER DETAIL.
CONSTRUCT NEW RAMP.

CONSTRUCT CONCRETE CATCH DRAIN BETWEEN KERB AND RETAINING WALL. REFER DETAIL. CONNECT RETAINING WALL SUBSOIL DRAIN INTO KERB.

NEW GRATED DRAIN
GL 50.69
IL 50.20

NEW PIT 9
GL 50.72
IL 50.15

REFER ARCHITECTURAL PLANS FOR SLIDING GATE DETAILS.

REFER HYDRAULIC DRAWINGS FOR PUMP TEST PIT AND INTERNAL PIEPWORK.

PATH TO HAVE MIN 1% FALL AWAY FROM BUILDING.

CONSTRUCT NEW STAIRS.

NEW PIT 10
GL 51.35
IL 50.65

NEW PIT 15
GL 50.83
IL 49.90

NEW PIT 16
GL 50.60
IL 49.75

NEW PIT 12
GL 50.68
IL 49.75

NEW PIT 5
CL 50.50
IL 49.50

NEW PIT 4
CL 50.51
IL 49.70

NEW PIT 8
CL 50.08
IL 48.85

NEW PIT 7
CL 50.35
IL 49.05

NEW PIT 6
CL 50.37
IL 49.20
GRATED DRAIN HIGH POINT.

NEW PIT 20
GL 49.43
IL 48.85

NEW PIT 19 ON EXISTING PIPE.
GL 47.90
IL TO MATCH PIPE.

NEW PIT 18
GL 48.34
IL 46.45

GROSS POLLUTANT TRAP VORTSENTRY MODEL HS18 OR APPROVED EQUIVALENT.

RETAINING WALL UNDER.

TANK OUTLET ACCESS GRATE.
GL 49.75

280 DIA ORIFICE ON OUTLET.
IL 48.55

ON-SITE DETENTION TANK
MIN VOLUME = 140m³
TWL 49.75
IL 48.75

RAINWATER TANK.
MIN VOL = 50KL

ACCESS GRATE
GL 50.12

ACCESS GRATE
GL 50.12

ACCESS GRATE
GL 50.05

RETAINING WALL UNDER.

BANK AT 1:4 MAX.

CHARGED PIPE TO BE CEMENT SOLVENT JOINT. CEMENT UP TO RL 49.75

RETAINING WALL SUBSOIL TO DISCHARGE INTO LANDSCAPE EMBANKMENT.

CONNECT RETAINING WALL SUBSOIL INTO EXISTING PIT.
EXISTING PIPEWORK TO REMAIN.

CONSTRUCT NEW RAMP. RECONSTRUCT/RAISE EXISTING PIT TO NEW LEVEL AND INSTALL COVER.

BRICK CLADDING TO ARCHITECT'S DETAIL. BRICK TIES TO BE PROVIDED AS PER STANDARD NOTES

DEMOLISH EXISTING PIPE.

NEW VEHICLE CROSSING AND DRIVEWAY TO REPLACE EXISTING.

SYDNEY WATER SEWER MAIN.

CONTRACTOR TO LOCATE ALL SERVICES WITHIN ROAD RESERVE AND ADJUST NEW PIPE DEPTH TO AVOID EXISTING SERVICES NEW PIPE TO HAVE MIN 1% FALL.

INVERT LEVEL OF PIT TO BE CONFIRMED ONSITE PRIOR TO CONSTRUCTION.

CONNECT TO EXISTING PIT.
IL 46.30

EXISTING PIPE.

EXISTING COUNCIL PIT
GL 47.10
IL 46.33

EXISTING COUNCIL PIT.
GL 47.34
IL 44.17

NOTE: DRAWINGS TO BE READ IN CONJUNCTION WITH LANDSCAPE ARCHITECTS PLANS FOR ALL AREAS OF COLOUR CHANGE IN CONCRETE PAVEMENT.

NOTE: ALL EXISTING STORMWATER DRAINAGE STRUCTURES TO BE DEMOLISED. UNLESS NOTIFIED OTHERWISE.

NOTE:
A SUBSOIL DRAINAGE PIPE SHALL BE PROVIDED ADJACENT TO EVERY INLET STORMWATER PIPE AT EACH PIT FOR A DISTANCE UPSTREAM OF 3m. THE SUBSOIL PIPE SHALL BE FITTED WITH A FILTER SOCK TIED AT THE UPSTREAM END TO PRECLUDE THE ENTRY OF THE FILTER MATERIAL. THE SUBSOIL PIPE SHALL BE LAID AT THE SAME GRADE AS THE STORMWATER PIPELINE AT INVERT LEVEL OR 1 IN 20 MAX. PROVIDE FLAP VALVE AT CONNECTION TO PIT TO PREVENT BACKFLOW.

NOTE:
ALL RETAINING WALL SUBSOIL PIPES TO CONNECT INTO NEAREST STORMWATER PIT UNLESS NOTIFIED OTHERWISE. SUBSOIL LINE TO HAVE MIN. 0.5% GRADE.

NOTE:
DETAILED DILAPIDATION REPORTS INDICATING THE EXTENT OF EXISTING DAMAGE TO THE SURROUNDING EXISTING BUILDINGS ON NEIGHBOURING PROPERTIES ARE TO BE UNDERTAKEN BEFORE THE CONSTRUCTION OF THE BORED PIER RETAINING WALL AND BOUNDARY BLOCKWORK WALL.

REFERENCE DRAWINGS:

FOR STANDARD NOTES, DRAWING LIST AND LEGEND REFER TO DRG. No. CIV_01_001.

AMMENDMENTS			
REV	BY	DATE	DESCRIPTION
03	A.P	26.06.19	OSD LOCATION REVISED
04	A.P	26.07.19	REVISED BIKE RAMP LAYOUT
05	A.P	29.08.19	EXTERNAL LIFT LEVELS REVISED
06	A.P	14.10.19	STAIR AND OUTDOOR AREA FOR CO-ORDINATION
07	A.P	16.10.19	NEW STAIR & OUTDOOR AREA AMMENDED
08	A.P	05.11.19	STAIR 1 AND 4 REVISED
09	A.P	29.04.20	STAIR AND DRIVEWAY REVISED
10	A.P	14.09.20	REVISED PATHWAY & JOINTING LAYOUT

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Job Number	Approved	Verified	Prepared
16-242	SETB 10.05.19	AP 31.08.18	JK 31.08.18

NSW GOVERNMENT | Education

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MECH, ELECT, IT, COMMS & SEC. JHA CONSULTING T: 02 9437 1000	
BCA GROUP DLA T: 02 8355 3160	
LANDSCAPE LORNA HARRISON P/L T: 02 9555 1147	STATUTORY PLANNER DON FOX PLANNING P/L T: 02 9473 4914

PERUMAL PEDAVOLI ARCHITECTS

PENSHURST PUBLIC SCHOOL
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Drawing Name
CIVIL WORKS PLAN

CONTRACT NUMBER
SINSW-18-1257

PROJECT NORTH

SCALE 1:200 @ A1

DRAWN	CHECKED	VERIFIED	Date
			SEPTEMBER 2020

Drawing Number | Revision

PROJECT CODE | DISCIPLINE | PHASE | SERIES NUMBER | Revision
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