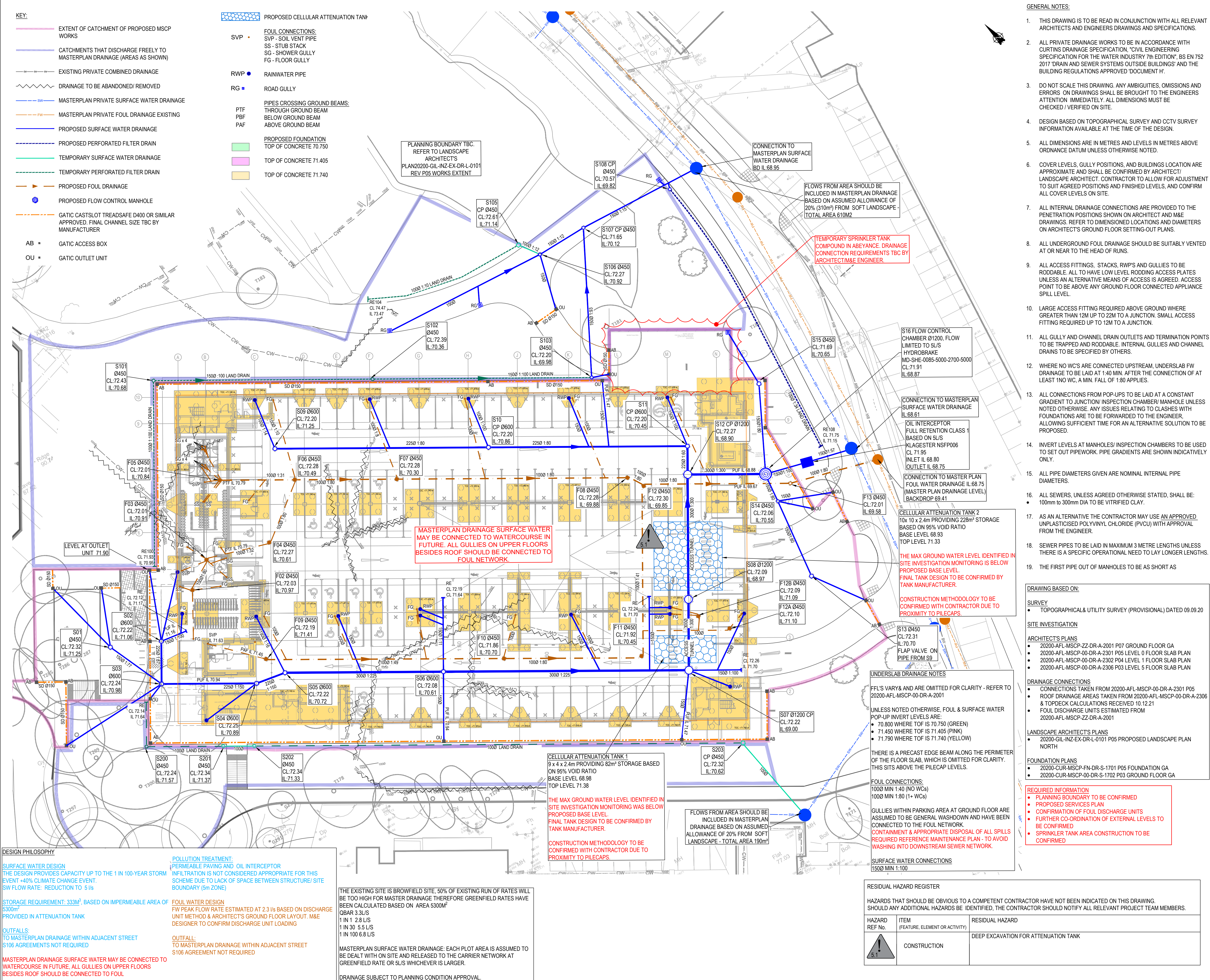




GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH CURTINS DRAINAGE SPECIFICATION, 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION', BS EN 752 2017 'DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE BUILDING REGULATIONS APPROVED 'DOCUMENT H'.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF THE DESIGN.
- ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
- COVER LEVELS, GULLY POSITIONS, AND BUILDINGS LOCATION ARE APPROXIMATE AND SHALL BE CONFIRMED BY ARCHITECT/ LANDSCAPE ARCHITECT. CONTRACTOR TO ALLOW FOR ADJUSTMENT TO SUIT AGREED POSITIONS AND FINISHED LEVELS, AND CONFIRM ALL COVER LEVELS ON SITE.
- ALL INTERNAL DRAINAGE CONNECTIONS ARE PROVIDED TO THE PENETRATION POSITIONS SHOWN ON ARCHITECT AND M&E DRAWINGS. REFER TO DIMENSIONED LOCATIONS AND DIAMETERS ON ARCHITECT'S GROUND FLOOR SETTING-OUT PLANS.
- ALL UNDERGROUND FOUL DRAINAGE SHOULD BE SUITABLY VENTED AT OR NEAR TO THE HEAD OF RUNS.
- ALL ACCESS FITTINGS, STACKS, RWP'S AND GULLIES TO BE RODDABLE. ALL TO HAVE LOW LEVEL RODDING ACCESS PLATES UNLESS AN ALTERNATIVE MEANS OF ACCESS IS AGREED. ACCESS POINT TO BE ABOVE ANY GROUND FLOOR CONNECTED APPLIANCE SPILL LEVEL.
- LARGE ACCESS FITTING REQUIRED ABOVE GROUND WHERE GREATER THAN 12M UP TO 22M TO A JUNCTION. SMALL ACCESS FITTING REQUIRED UP TO 12M TO A JUNCTION.
- ALL GULLY AND CHANNEL DRAIN OUTLETS AND TERMINATION POINTS TO BE TRAPPED AND RODDABLE. INTERNAL GULLIES AND CHANNEL DRAINS TO BE SPECIFIED BY OTHERS.
- WHERE NO WCs ARE CONNECTED UPSTREAM, UNDERSLAB FW DRAINAGE TO BE LAID AT 1:40 MIN. AFTER THE CONNECTION OF AT LEAST 1 NO WC, A MIN. FALL OF 1:80 APPLIES.
- ALL CONNECTIONS FROM POP-UPS TO BE LAID AT A CONSTANT GRADIENT TO JUNCTION/ INSPECTION CHAMBER/ MANHOLE UNLESS NOTED OTHERWISE. ANY ISSUES RELATING TO CLASHES WITH FOUNDATIONS ARE TO BE FORWARDED TO THE ENGINEER, ALLOWING SUFFICIENT TIME FOR AN ALTERNATIVE SOLUTION TO BE PROPOSED.
- INVERT LEVELS AT MANHOLES/ INSPECTION CHAMBERS TO BE USED TO SET OUT PIPEWORK. PIPE GRADIENTS ARE SHOWN INDICATIVELY ONLY.
- ALL PIPE DIAMETERS GIVEN ARE NOMINAL INTERNAL PIPE DIAMETERS.
- ALL SEWERS, UNLESS AGREED OTHERWISE STATED, SHALL BE:
 - 100mm to 300mm DIA TO BE VITRIFIED CLAY.
- AS AN ALTERNATIVE THE CONTRACTOR MAY USE AN APPROVED UNPLASTICISED POLYVINYL CHLORIDE (PVCU) WITH APPROVAL FROM THE ENGINEER.
- SEWER PIPES TO BE LAID IN MAXIMUM 3 METRE LENGTHS UNLESS THERE IS A SPECIFIC OPERATIONAL NEED TO LAY LONGER LENGTHS.
- THE FIRST PIPE OUT OF MANHOLES TO BE AS SHORT AS

DRAWING BASED ON:

SURVEY

- TOPOGRAPHICAL & UTILITY SURVEY (PROVISIONAL) DATED 09.09.20

SITE INVESTIGATION

ARCHITECT'S PLANS

- 20200-AFL-MSCP-ZZ-DR-A-2001 P07 GROUND FLOOR GA
- 20200-AFL-MSCP-00-DR-A-2301 P05 LEVEL 0 FLOOR SLAB PLAN
- 20200-AFL-MSCP-00-DR-A-2302 P04 LEVEL 1 FLOOR SLAB PLAN
- 20200-AFL-MSCP-00-DR-A-2306 P03 LEVEL 5 FLOOR SLAB PLAN

DRAINAGE CONNECTIONS

- CONNECTIONS TAKEN FROM 20200-AFL-MSCP-00-DR-A-2301 P05
- ROOF DRAINAGE AREAS TAKEN FROM 20200-AFL-MSCP-00-DR-A-2306 & TOPDECK CALCULATIONS RECEIVED 10.12.21
- FOUL DISCHARGE UNITS ESTIMATED FROM 20200-AFL-MSCP-ZZ-DR-A-2001

LANDSCAPE ARCHITECT'S PLANS

- 20200-GIL-INZ-EX-DR-L-0101 P05 PROPOSED LANDSCAPE PLAN NORTH

FOUNDATION PLANS

- 20200-CUR-MSCP-FN-DR-S-1701 P05 FOUNDATION GA
- 20200-CUR-MSCP-00-DR-S-1702 P03 GROUND FLOOR GA

REQUIRED INFORMATION

- PLANNING BOUNDARY TO BE CONFIRMED
- PROPOSED SERVICES PLAN
- CONFIRMATION OF FOUL DISCHARGE UNITS
- FURTHER CO-ORDINATION OF EXTERNAL LEVELS TO BE CONFIRMED
- SPRINKLER TANK AREA CONSTRUCTION TO BE CONFIRMED

PROJECT

NMGH MSCP

TITLE

Proposed Drainage Layout

STATUS

S3

PURPOSE OF ISSUE

REVIEW & COMMENT

DRAWN BY

MW

CHECKED BY

DS

DATE

28/06/2021

SCALE (@A1)

1:200

PROJECT NUMBER

075805

FILE DRAWING NUMBER

20200-CUR-MSCP-EX-DR-D-711

REV.

P11