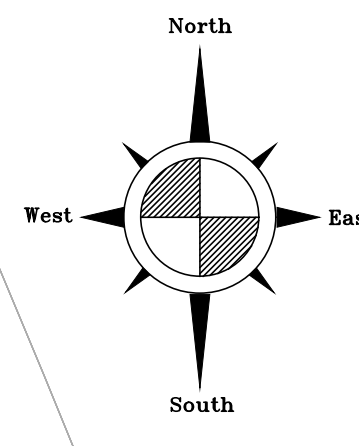




GENERAL NOTES:

1. ALL NOTES EXISTING DRAWINGS TO BE READ IN CONNECTION WITH ARCHITECT'S DRAWINGS AND ALL OTHER INFORMATION FURNISHED BY ARCHITECT.
2. CONCRETE DESIGN CAPRAN AREA, OTHER (OTHER AREAS) - STAIRS, CONCRETE STAIRS, UNLESS NOTED OTHERWISE.
3. ALL SETTING OF AREA - STAIRS, C/O, SLOPED AND ANCHOR PROTECTION DEVICES BY ARCHITECT.
4. ALL CONCRETE, REINFORCED - RETAINING WALLS, STAIRS, EXISTING CONCRETE STAIRS, UNLESS NOTED OTHERWISE, BELOW GRADE - STAIRS, C/O, STAIRS, ALL SURFACES EXPOSED TO CONCRETE - ABOVE GRADE.
5. DETAILS OF EXISTING CONTRACT DOCUMENTS ARE AVAILABLE AT ENGINEERS OFFICE FOR ARCHITECT'S REFERENCE.
6. DETAILS OF STRUCTURAL ELEMENTS PROPOSED ARE MADE BY A REPUTABLE COMPETENT ENGINEER.
7. ALL SITE DEVELOPMENT WORK SHOULD COMPLY WITH THE RECOMMENDATIONS FOR SITE DEVELOPMENT WORK FOR URBAN AREAS PUBLISHED BY THE DEPARTMENT OF THE ENVIRONMENT.
8. THE CONTRACTOR SHALL BE OBLIGED TO ALLOW ACCESS TO THE WORK BY THE OWNER, ENGINEER, ARCHITECT, INSURANCE COMPANY, PROFESSIONAL INSPECTORS, BUREAU OF ACQUISITION AND SETTING, STATE DEPARTMENT WORKS AND ALL OTHERS FOR THE PURPOSE OF VISITING AND INSPECTING THE WORK. THE CONTRACTOR SHALL BE OBLIGED TO PROVIDE ACCESS TO THE WORK BY THE OWNER, ENGINEER, ARCHITECT, INSURANCE COMPANY, PROFESSIONAL INSPECTORS, BUREAU OF ACQUISITION AND SETTING, STATE DEPARTMENT WORKS AND ALL OTHERS FOR THE PURPOSE OF VISITING AND INSPECTING THE WORK.
9. THE CONTRACTOR IS OBLIGED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AGENCIES AND BE AWARE OF THE LOCATION OF THE EXISTING STAIRS, EXISTING STAIRS, LOCAL BOUNDARIES, AND OTHER FEATURES OF THE SITE.
10. ALL WORK MUST BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS.
11. NOT TO SCALE.

8. CONTRACTOR TO WARE ALL NECESSARY INQUIRIES REGARDING LOCATION OF EXISTING TRENCHES, ELECTRICAL AND OTHER SERVICES ON SITE.
9. ALL DRAINAGE WORK TO BE CARRIED OUT IN ACCORDANCE WITH CITY & HAILING REGULATIONS AND WHERE RELEVANT SENSORS FOR APPROX 80 DEGREE ANGLE DESIGN & CONSTRUCTION GUIDE FOR SLOPES/ROOFS.
10. READING MATERIAL TO BE 10mm SINGLE SIZE AGGREGATE COMPLYING WITH THE REQUIREMENTS OF AGGREGATES FOR CONCRETE FOR 150mm SLAB. THE CONCRETE MATERIAL SHALL BE SUBMITTED TO BS EN 12620. SANDER TO BE 300 MICRONS SIEVE SIZE MATERIAL OR GRADED MATERIAL FROM 300 TO 100mm FOR 100mm PIPES, 4mm FOR 150mm PIPES, 20mm FOR 200mm - 600mm DIAMETER AND 10mm FOR 600mm DIAMETER.
11. THE PREPARED URETHANE OF THE TRENCH SHOULD CONSIST OF BEDDING MATERIAL FOR THE FULL WIDTH OF THE TRENCH AND LAID TO THE CORRECT GRADIENT. COMPACTION FACTOR MAXIMUM 0.3 FOR BEDDING MATERIAL.
12. THE MAXIMUM DEPTH OF BEDDING MATERIAL UNDER THE BARREL OF THE PIPE SHOULD BE 300MM.
13. IMPORTED BEDDING MATERIAL AND GRAVEL SHALL BE 50% MATERIAL NOT APPROVED BY EXISTING BARRELS WITH SELECTED OR BARRELS FULL OF STONES LARGES THAN 40mm.
14. ALL P.C.U. PIPES AND FITTINGS USED FOR DRAIN AND SEWER MUST COMPLY WITH BS EN14041
15. ALL WITHRED QUD PIPES & FITTINGS MUST BE DARK WITH BS EN295

1. THE MINIMUM DEPTH FILL TO THE TOP OF THE GRATING TO THE TOP OF THE GULLY OUTLET IS TO BE 750mm WHEN THE CONNECTING PIPE IS UNDER A CARRIAGEWAY OR A HARD SHOULDER AND 600mm ELSEWHERE.
2. PRECAST CONCRETE GULLIES AND COVER SLABS SHALL COMPLY TO BS 5911 : PART 230.
3. WHERE A GULLY HAS A TRAP, THE STOPPERS SHALL COMPLY WITH THE REQUIREMENTS OF B.S. 5911: PART 2
4. GULLY GRATINGS SHALL COMPLY WITH B.S. EN 124, AND TO BE PROVIDED WITH A LOCKING DEVICE.

 FOIL DRAINAGE
 STORM DRAINAGE
 EXISTING FOIL DRAINAGE
 EXISTING STORM DRAINAGE
 DRAINAGE TO BE REMOVED
 FMMH07
 STORM MANHOLE
 FOIL INSPECTION CHAMBER
 SIC
 STORM INSPECTION CHAMBER
 ROAD CULLY
 DRAINAGE CHAMBER - INTERFACED AS PER MANUFACTURER'S REQUIREMENTS
 COLLECTION TANK
 OVERHEAD FLOW

ALL MAN DRAINAGE PIPES TO COMPLY TO BS 853 OR IS EQUIVALENT CERTIFIED
 ALL INTERFACED JOINT REQS PER BS 8530
 ALL INTERFACED CHAMBERS TO BE NON PERMEABLE TO PREVENT LEAKAGE
 ALL TOWNS TO BE SLEAKLY APPROVED WITH AN ADEQUATE INSPECTION CHAMBER (COVER AND FRAME) INSPECTED ON A 10% TEST TO BE NOTED ON DRA
 ALL DRAINAGE CHAMBERS GREATER THAN 100 LITERS TO BE 100% DRA
 ALL PER CONNECTIONS TO BE 100% DRA
 ALL MAN LITATIONS GREATER THAN 100 LITERS TO BE 100% DRA

ALL DRAINAGE PIPES TO BE UPVC TO BS EN 1401 & AGREEMENT CERTIFIED

ALL GULLY TOPS, MANHOLE COVERS, INSPECTION CHAMBER COVERS & DRAINAGE CHANNELS TO BE CLASS D400 IN ACCORDANCE WITH BS EN 124

A	SURFACE WATER DRAINAGE NETWORK UPDATED	09/04/2025
Rev.	Revision	Date

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MARCH 2025		DRAWING REV.
DATE	BY	REVISION

1. STORAGE DESIGN BASED ON 1 IN 100 YEAR
STORM & 40%.
2. FLOW RESTRICTION TO STREAM SET AT 6.01/s
FOR POND 1 AND 2.01/s FOR POND 2.
GREENFIELD RUNOFF = 10.41/s.
3. CONTRACTOR TO ESTABLISH LOCATIONS OF
ALL EXISTING SERVICES PRIOR TO
COMMENCING WORKS.
4. POUL AND SURFACE WATER DRAIN POINTS
FOR BUILDINGS TO BE CONFIRMED.
5. EXISTING TREES TO BE PROTECTED WHERE
EXCAVATIONS RUN CLOSE.
6. APPROVAL TO BE GAINED FROM THAMES
WATER AND LPLA FOR CONNECTIONS TO
SEWERS AND DISCHARGE RATES.