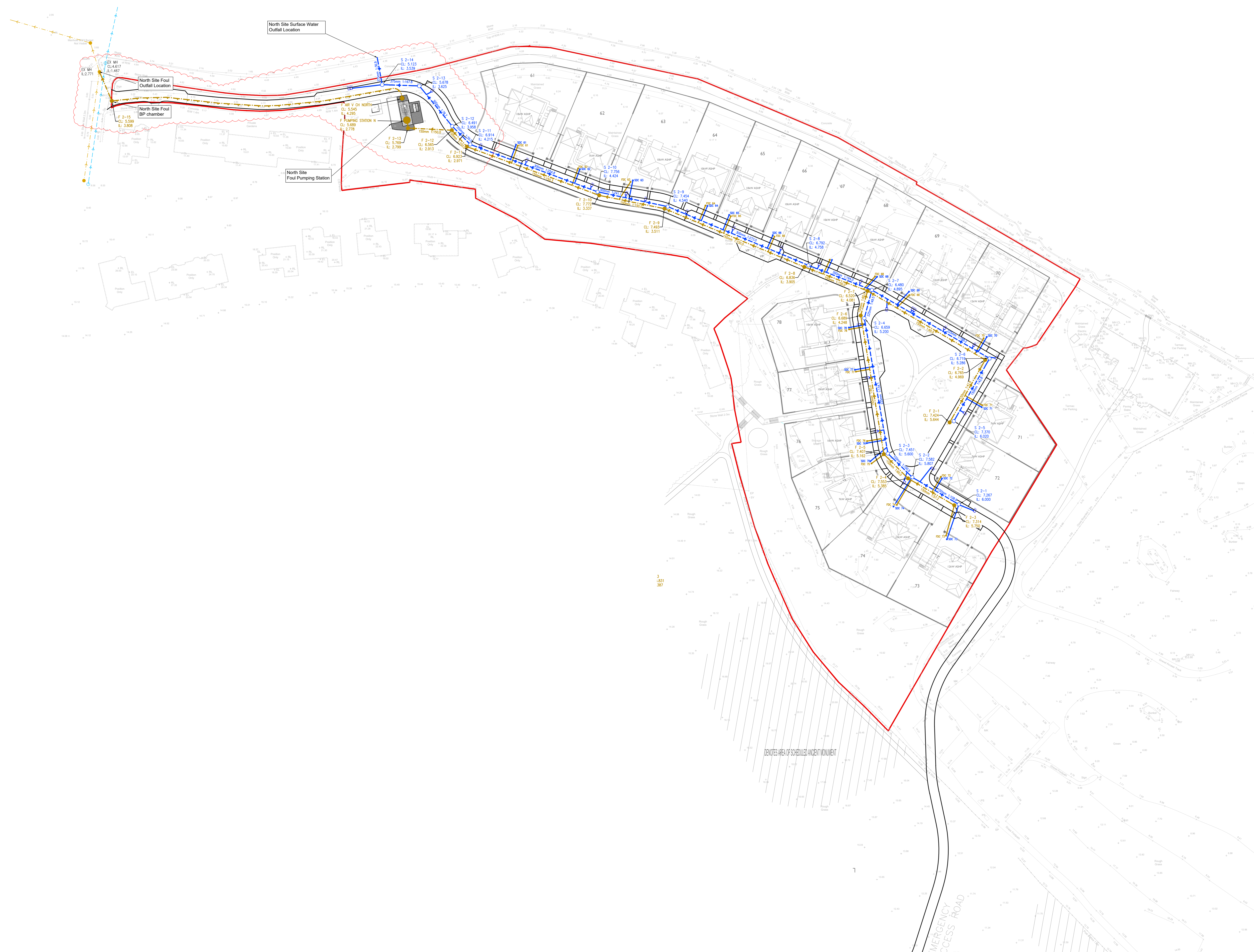


DO NOT SCALE. IF IN DOUBT ASK. DO NOT INTERROGATE CAD BASE

- LEGEND**
- SW.MH - NEW SURFACE MANHOLE
 - EX.SW.MH - EXISTING SURFACE MANHOLE
 - SW.MH - NEW PRIVATE SURFACE MANHOLE
 - SW.MH - NEW CULVERT DIVERSION MANHOLE
 - SW.MH - EXISTING CULVERT MANHOLE
 - FW.MH - NEW FOUL MANHOLE
 - EX.FW.MH - EXISTING FOUL MANHOLE
 - FW.MH - NEW PRIVATE FOUL MANHOLE
 - SW - NEW SURFACE SEWER
 - EX.SW - EXISTING SURFACE SEWER
 - RD - NEW ROAD DRAIN
 - CD - NEW CULVERT DIVERSION DRAIN
 - EX.CD - EXISTING CULVERT DRAIN
 - PSF - NEW PRIVATE SURFACE FILTER TRENCH
 - FS - NEW FOUL SEWER
 - EX.FS - EXISTING FOUL SEWER
 - PPS - NEW PRIVATE FOUL SEWER
 - EX.PPS - EXISTING PRIVATE FOUL SEWER
 - AC - ABANDONED CULVERT
 - ACC - ACC CHANNEL
 - BD - BACK DROP
 - GL - GULLY

- DRAINAGE NOTES**
- THIS DRAWING HAS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - FOR LOCATION OF ALL R.W.P. REFER TO ARCHITECTS DRAWING. ALL DOWN PIPES TO BE FITTED WITH ACCESS HANDHOLES ABOVE F.F.L OR GROUND LEVEL.
 - ALL GULLY CONNECTIONS TO BE 1500 U.N.O. ALL S.V.P. CONNECTIONS TO BE MINIMUM 1000 GR TO MATCH S.V.P. DOWNPIPE IF GREATER. ALL R.W.P. CONNECTIONS TO BE 1500 OR TO MATCH R.W.P. DOWNPIPES.
 - ALL PIPES UP TO 6000 TO BE UPVC PIPES. ALL 6000 PIPES TO BE STRUCTURALLY REINFORCED POLYETHYLENE OR ENGINEERED THERMOPLASTIC PIPES GREATER THAN 6000 TO BE CONCRETE.
 - PIPES UNDER ROADS HAVING 100MM OR LESS COVER ARE TO BE CONCRETE PROTECTED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 - MANHOLE COVER LEVELS ARE INDICATIVE AND SHOULD BE SET TO SUIT FINISHED ROAD LEVEL AND CAMBER.
 - ALL INTERNAL MANHOLES, INSPECTION COVERS & ROODING EYES TO BE FITTED WITH DOUBLE SEAL COVERS AND MECHANICALLY SCREWED DOWN.
 - ALL EXTERNAL MANHOLES WITHIN ROADS TO BE FITTED WITH LOADCLASS D400 COVERS U.N.O. ALL EXTERNAL MANHOLES WITHIN SOFT LANDSCAPING TO BE FITTED WITH LOADCLASS B125 COVERS U.N.O. ALL IN ACCORDANCE WITH BS EN 124 (ALL PARTS).
 - INVERT LEVELS OF EXISTING DRAINS AND MANHOLES TO BE CONFIRMED ON SITE PRIOR TO COMMENCING OPERATIONS. NO EXISTING SEWER MANHOLE TO BE OPENED OR ENTERED WITHOUT THE PERMISSION OF THE LOCAL AUTHORITY DRAINAGE DEPARTMENT AND THE ATTENDANCE OF SEWER PERSON AS REQUIRED.
 - DRAINAGE DESIGN AND INSTALLATION TO BE TO THE SATISFACTION OF THE LOCAL BUILDING CONTROL DEPARTMENT AND TO COMPLY WITH BS 7520:17.
 - ADAPTABLE DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF 'SEWERS FOR SCOTLAND'.
 - ALL SUBS COMPONENTS TO BE MAINTAINED IN ACCORDANCE WITH CIRIA C 768.
 - ABANDONED CULVERT TO BE GRUBBED OUT OR FILLED, IN ACCORDANCE WITH THE RECOMMENDATIONS OF SEWERS FOR SCOTLAND. IF NOT GRUBBED OUT, THE PIPEWORK AND CHAMBERS ARE TO BE FILLED WITH CLASS G3 GROUT, CLASS G4 GROUT OR FOAMED CONCRETE.

CLASS	NOMINAL MIX BY MASS		
	CEMENT	SAND	FG
G3	1	10	-
G4	1	-	10



7
DENOTES AREA OF SCHEDULED ANCIENT MONUMENT

EMERGENCY ACCESS ROAD

REV.	DATE	REVISION	BY	CHK.
		FIRST ISSUE	MP	PPY
P01	18.12.19	SOAKAWAYS REMOVED FROM PLOTS. DRAINAGE LAYOUT UPDATED.	MP	PPY
P02	18.11.20	PUMPING STATION LOCATION UPDATED. DRAINAGE ROUTES UPDATED TO SUIT NEW ROAD LAYOUT.	MP	ST
P03	15.12.20	ISSUED FOR APPROVAL.	MP	ST
P04	18.04.21	UPDATED TO SUIT LATEST DRAINAGE DESIGN.	MP	ST
P05	15.05.21	UPDATED TO SUIT LATEST DRAINAGE DESIGN.	MP	ST
P06	21.05.21	DISCONNECTORS ADDED.	MP	ST
P07	21.04.23	DC 74A ADDED. DC 75 LOCATIONS UPDATED.	MP	ST
P08	29.11.23	PUMPING STATION LAYOUT UPDATED. ISSUED FOR TECHNICAL APPROVAL.	MP	ST
P09	15.05.24	RISING MAIN ROUTE AND BREAK PRESSURE CHAMBER INVERT UPDATED.	MP	ST
P10	27.06.24	RISING MAIN ROUTE AND BREAK PRESSURE CHAMBER INVERT UPDATED. DISCONNECTORS UPDATED TO 100 PER PLOT.	MP	ST
P11	12.07.24	AIR VALVE CHAMBER ADDED TO RISING MAIN.	MP	ST
P12	26.07.24	CHAMBERS 31P2-11 TO 31P2-13 RELOCATED TO ENSURE PIPES ARE MIN. 1M FROM BERS. CONNECTED PIPE GRADIENTS UPDATED TO SUIT.	MP	ST
P13	12.05.25	GULLY ADDED TO FRONT OF PLOT 73.	MP	ST
P14	24.10.25	PUMPING STATION ARRANGEMENT ALTERED TO IMPROVE FOUL AND RISING MAIN ROUTE. DISCONNECTORS UPDATED TO SUIT NEW SITE LAYOUT.	MP	ST

CALA Management Ltd
DUNBAR GOLF CLUB
DUNBAR

North Site
 Proposed Drainage Layout

Goodson Associates
 Tel: +44 (0)131 226 2044
 Fax: +44 (0)131 226 3107
 Email: edinburgh@goodsons.com
 Web: www.goodsons.com

Consulting Civil, Structural & Transportation Engineers
 53 Melville Street, Edinburgh, EH3 7HL
 Also at Aberdeen, Glasgow and Leeds.

STATUS: **APPROVAL** SUITABILITY

ORIGINATOR'S JOB No: 13561
 DATE CREATED: 18.09.19 SCALE: 1:500 @ A0
 DRAWING No: DUNGC-GOO-XX-DR-D-0507 REV: P14