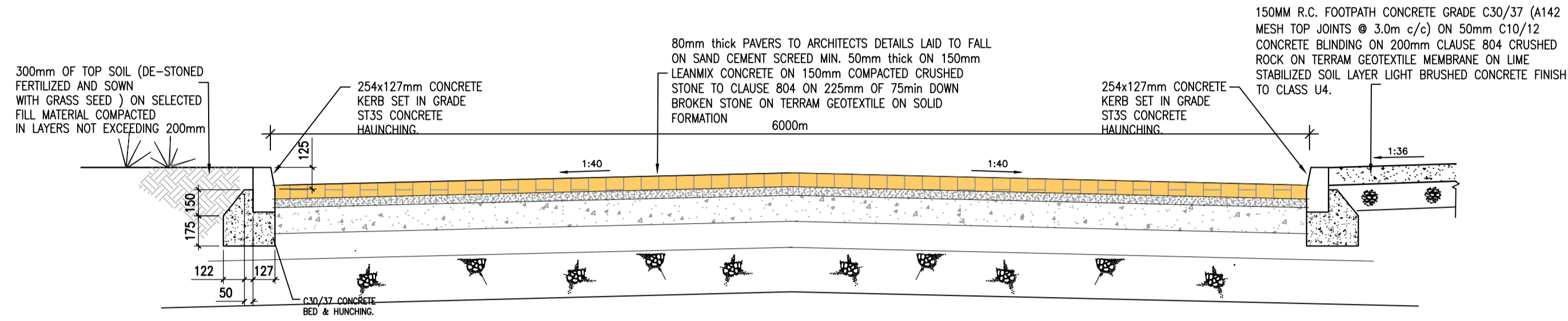


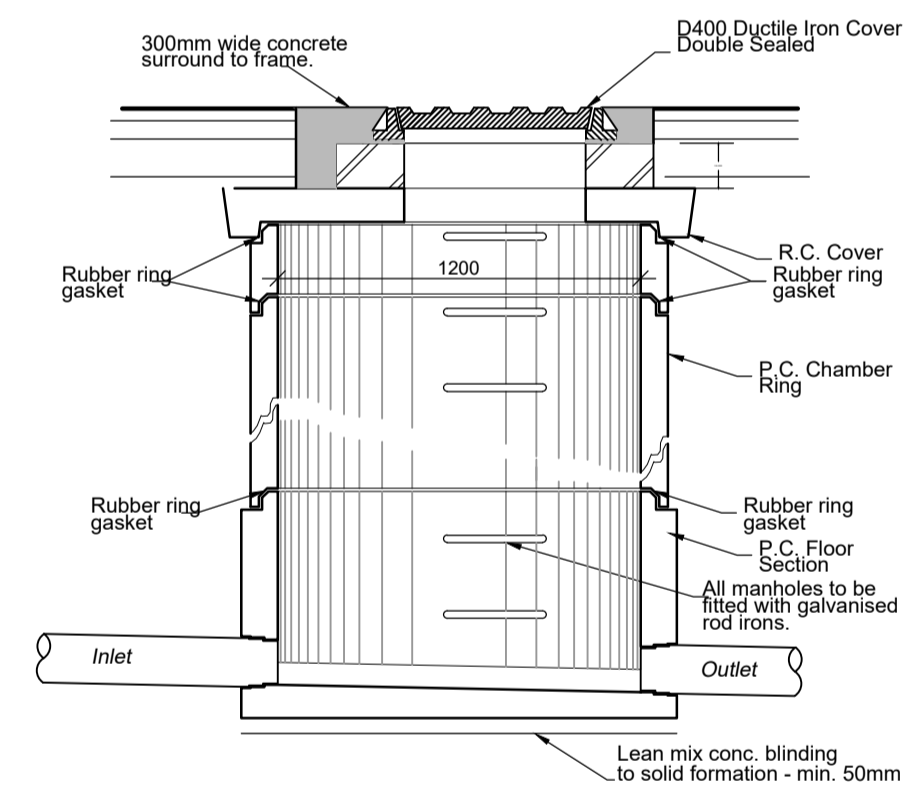
TYPICAL ROAD CROSS SECTION

A1 1:25
A3 1:50



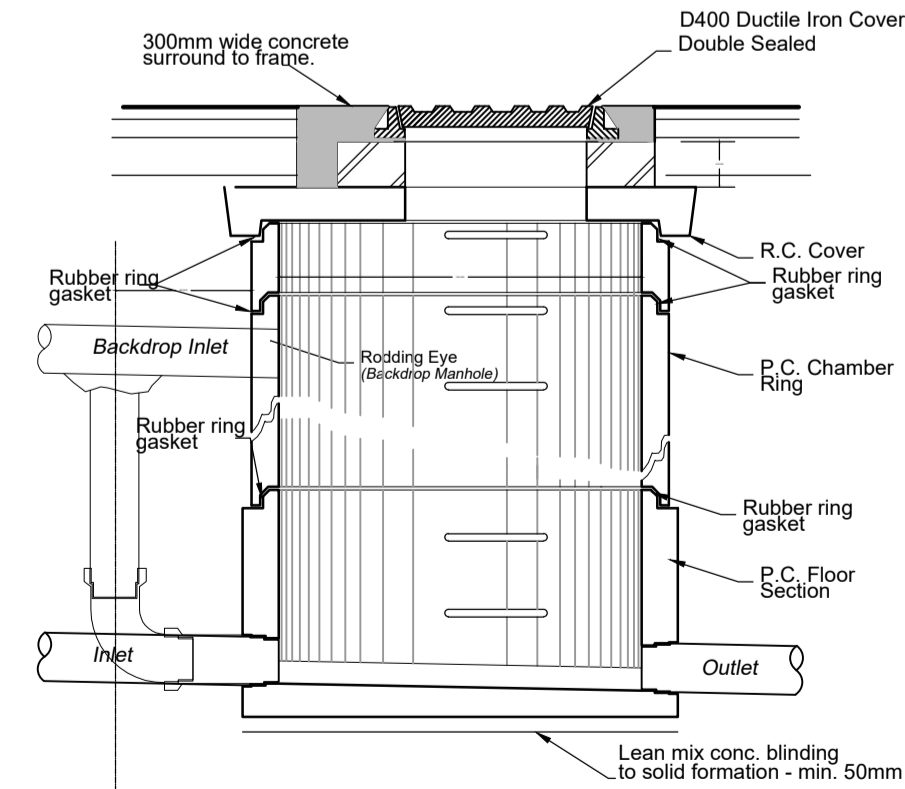
TYPICAL ROAD CROSS SECTION

A1 1:25
A3 1:50



PRE-CAST MANHOLE DETAIL

A1 1:25
A3 1:50



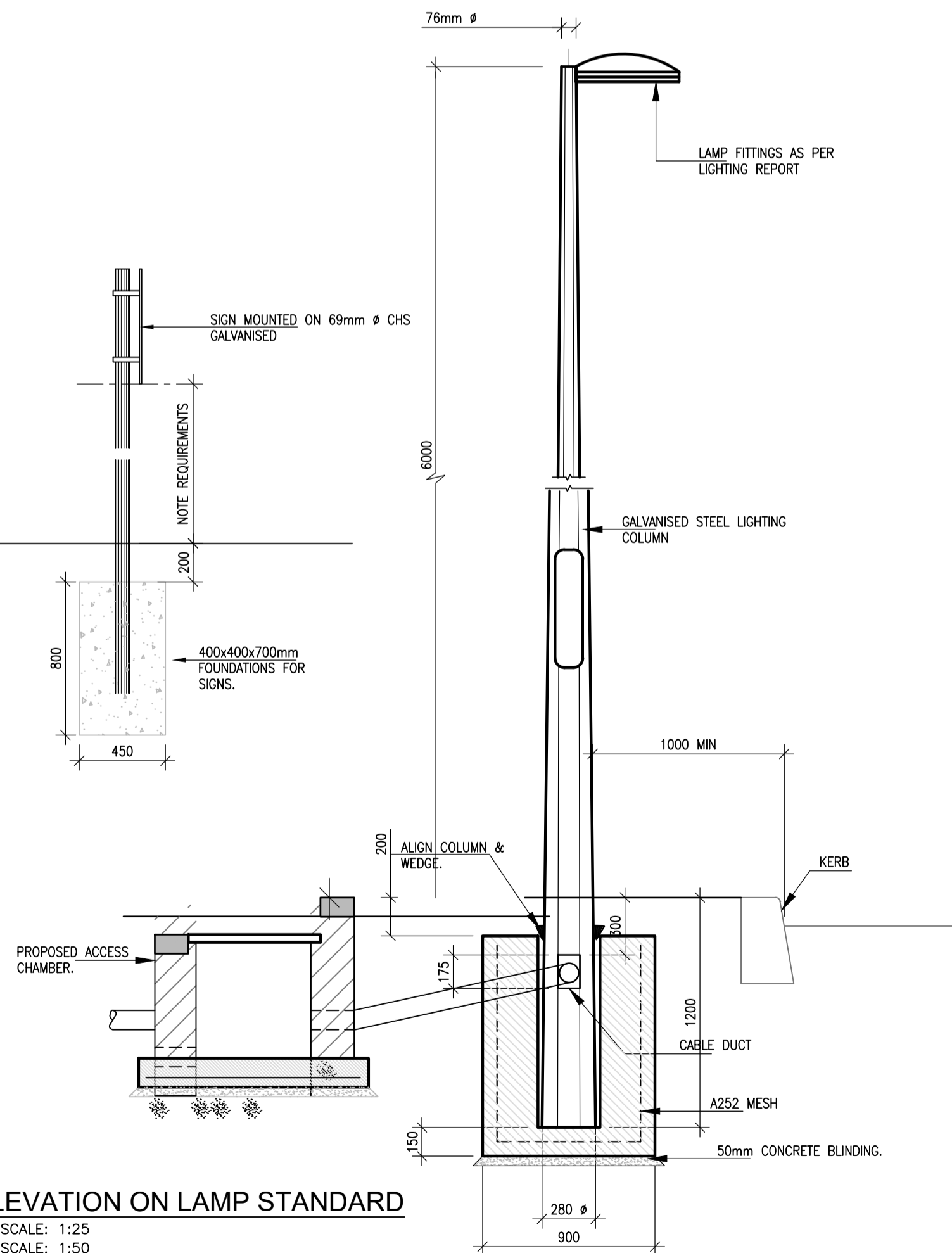
PRE-CAST BACKDROP MANHOLE DETAIL

A1 SCALE: 1:25
A3 SCALE: 1:50

- MOUNTING POSTS SHOULD NOT PROTRUDE ABOVE THE SIGN FACE.
- FIXING CLIPS FOR SINGLE POST MOUNTED SIGNS SHOULD HAVE ANTI ROTATION GROOVING.
- ONLY CLIP SIZES SPECIFIC TO THE POST DIAMETER SHOULD BE USED.
- SINGLE POST SIGNS SHALL BE DRILLED IN CLOSE TO BOTTOM AND SHALL BE INSTALLED WITH ANTI ROTATION IN ALL CASES.
- SIGNS SHALL TYPICALLY BE ORIENTATED AT 95 DEGREES TO CARRIAGEWAY UNLESS OTHERWISE AGREED.
- TRAFFIC SIGNS AND ROAD MARKINGS TO BE IN ACCORDANCE WITH THE DEPARTMENT OF THE ENVIRONMENT 'TRAFFIC SIGNS MANUAL' (TSM).
- TYPICAL MOUNTING HEIGHTS:
2300mm NEAR FOOTPATHS
1500mm IN GRASSED AREAS

TYPICAL SIGN DETAILS

A1 SCALE: 1:25
A3 SCALE: 1:50



ELEVATION ON LAMP STANDARD

A1 SCALE: 1:25
A3 SCALE: 1:50

Health and Safety:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, THE SPECIFICATION AND THE SAFETY AND HEALTH PLAN.
THE APPOINTMENT OF THE PROJECT SUPERVISOR DESIGN PROCESS IS THE CLIENT'S RESPONSIBILITY.
TEMPORARY WORKS PROPOSALS AND/OR METHOD STATEMENTS TO BE SUBMITTED TO THE PSDP AND THE PCS FOR WORKS WHICH INVOLVE PARTICULAR RISKS.

1. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR STORED IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF MALONE O'REGAN CONSULTING ENGINEERS AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DRAWING WAS ORIGINALLY ISSUED.
2. THE APPOINTMENT OF THE PROJECT SUPERVISOR DESIGN PROCESS IS THE CLIENT'S RESPONSIBILITY.
3. ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
4. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.
5. THIS DRAWING TO BE READ IN ACCORDANCE WITH ALL RELEVANT ENGINEERS' DRAWINGS AND SPECIFICATIONS.
6. PVC DRAINS AND SEWERS TO B.S. 4660/B.S. 5481.
7. ALL DRAINAGE WORK TO BE IN ACCORDANCE WITH S.R. 7/B.S. 5481/B.S. 8301.
8. ALL SEWERS TO BE UPVC.
9. SEWERS UNDER ROADS HAVING COVER LESS THAN 1200mm TO BE SURROUNDED IN 150mm CONCRETE.
10. MANHOLES TO BE PRE-CAST CONCRETE CONSTRUCTION.
11. GULLIES TO BE PRECAST CONCRETE CHAMBER OR PLASTERED BLOCKWORK WITH LOCKABLE CAST IRON GRATING AND FRAME.
12. MANHOLE COVERS LOCATED IN ROADS, ENTRANCES OR PATHS TO BE LOCKABLE HEAVY DUTY. REMAINING MANHOLES COVERS TO BE LOCKABLE MEDIUM DUTY. WATERMAIN UNDER ROADS TO BE BACKFILLED USING SELECTED GRANULAR MATERIAL.
13. CONCRETE ANCHOR BLOCKS AT DEAD ENDS, TEES, BOTH SIDES OF SLUICE VALVES AND AT ALL BENDS OVER 22.5°.
14. MINIMUM COVER TO WATERMAIN TO BE 900mm.
15. HYDRANTS TO B.S. 750 WITH OUTLETS TO COMPLY WITH LOCAL AUTHORITY REQUIREMENTS.
16. ALL HYDRANTS TO BE MARKED WITH INDICATOR PLATES TO B.S. 3251:1976.
17. DEPTH OF HYDRANT OUTLET NOT TO EXCEED 250mm FROM FINISHED GROUND LEVEL.

Rev.	Description	Date	Drawn	Chkd	Appr
P1	PLANNING APPLICATION	19.02.'24	GL	CC	COB
P	PLANNING APPLICATION	20.09.'23	GL	JK	COB

THIS DRAWING TO BE USED FOR PLANNING PURPOSES ONLY

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Client: **NOEL FRISBY CONSTRUCTION LTD.**

Job: **STUDENT ACCOMODATION AT CORK ROAD, WATERFORD.**

Drawing: **SITE DEVELOPMENT DETAILS SHEET 5**

Job No	Drg No	Stage	Revision	Scale
W22076	P864	PL	P1	A1 AS SHOWN A3 AS SHOWN