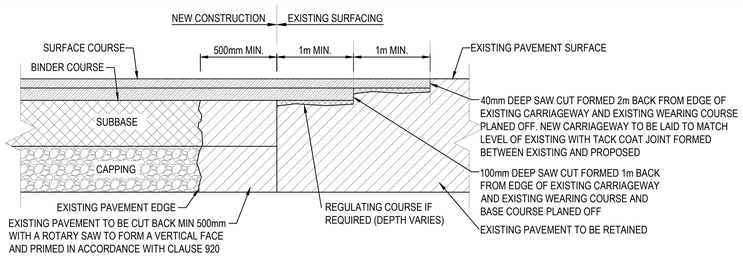
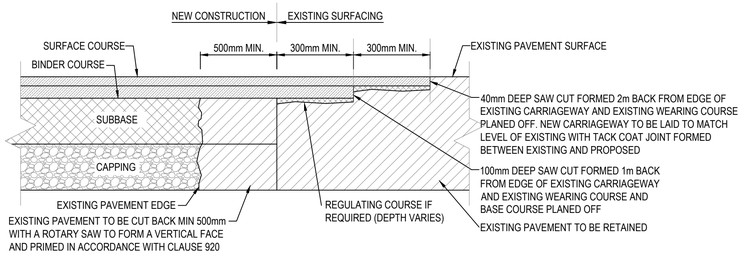
DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS



TYPICAL DETAIL OF TRAVERSE JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION

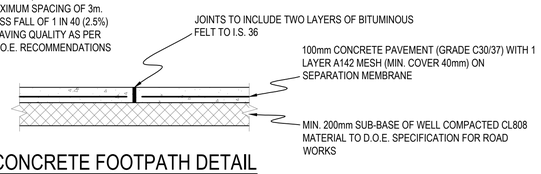
SCALE: 1:20



TYPICAL DETAIL OF LONGITUDINAL JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION

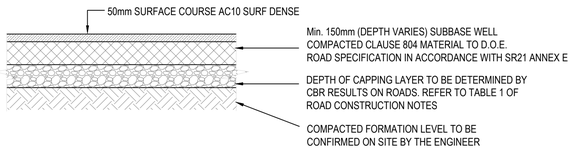
SCALE: 1:20

NOTES:
1. JOINTS TO BE FORMED IN A STRAIGHT LINE, AT RIGHT ANGLES TO THE FOOTWAY, AT A MAXIMUM SPACING OF 3m.
2. FOOTWAY TO HAVE A MINIMUM CROSS FALL OF 1 IN 40 (2.5%)
3. CONCRETE TO BE AIR ENTRAINED PAVING QUALITY AS PER SECTION 2.21 & TABLE 2.6 OF THE D.O.E. RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS



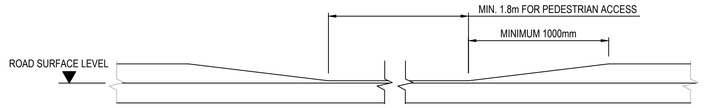
TYPICAL CONCRETE FOOTPATH DETAIL

SCALE: 1:20



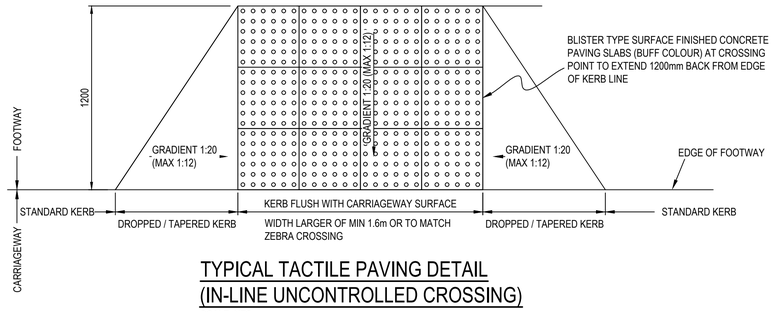
TYPICAL CYCLE PATH DETAIL

SCALE: 1:20



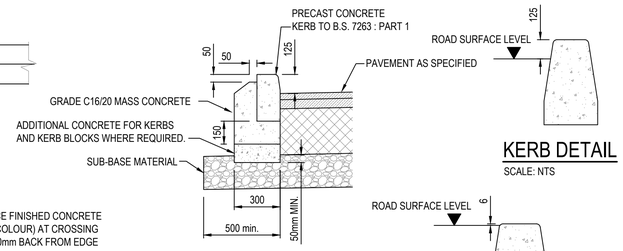
DROP KERB FRONT ELEVATION

SCALE: NTS



TYPICAL TACTILE PAVING DETAIL (IN-LINE UNCONTROLLED CROSSING)

SCALE: NTS

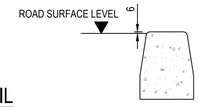


KERB DETAIL

SCALE: 1:20

KERB DETAIL

SCALE: NTS



DROP KERB DETAIL

SCALE: NTS

NOTES:

1. REFER TO ARCHITECTS DRAWINGS FOR ALL SITE & APPLICATION BOUNDARIES.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
3. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
4. REFER TO SURVEY DRAWINGS FOR EXISTING SERVICES LAYOUTS AND MANHOLE INFORMATION.

SURVEY NOTES

- OS BACKGROUND SURVEY CARRIED OUT BY 3RD PARTY SPECIALIST CONTRACTOR. DOB & ASSOCIATES TAKES NO RESPONSIBILITY FOR ACCURACY OF SURVEY INFORMATION.
- MAIN CONTRACTOR TO ESTABLISH INDEPENDENTLY ORDANCE DATUM ON SITE FOR LEVELS TO MALIN HEAD DATUM AND CO-ORDINATES FOR SETTING OUT TO NATIONAL GRID.
- MAIN CONTRACTOR TO VERIFY ALL UNDERGROUND SERVICES ON THE SITE AND TO TAKE ALL NECESSARY PRECAUTIONS PRIOR TO ANY EXCAVATIONS ON THE SITE.
- REFER TO M&E ENGINEERS DRAWINGS FOR DIVERSION / DEMOLITION OF ALL UNDERGROUND ELECTRICAL CABLES / DUCTS, TELECOM DUCTS, LIGHTING DUCTS, OIL LINES ETC.

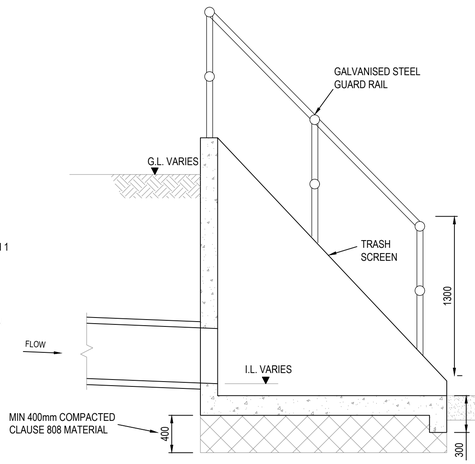
ROAD CONSTRUCTION NOTES:

1. CAPPING LAYER MATERIAL SHOULD COMPRISE EITHER CRUSHED ROCK, NATURAL GRAVEL, CRUSHED GRAVEL, OR CRUSHED CONCRETE. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100MM AND THE MAXIMUM ALLOWABLE PASSING THE 75 MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT ALL SIZES. REFER TO TABLE 1 FOR MINIMUM CONSTRUCTION THICKNESS OF CAPPING LAYER.
2. THE CONTRACTOR IS TO VERIFY THE CBR VALUES TO DETERMINE THE THICKNESS OF CAPPING LAYER, AS DIRECTED BY TABLE 1. SOFT SPOTS TO BE REMOVED AND REPLACED WITH SUITABLE GRANULAR MATERIAL.
3. FOR SUB-GRADES WITH A CBR OF LESS THAN 2% THE ENGINEERS ADVICE SHOULD BE SOUGHT ON THE USE OF A GEOTEXTILE SEPARATOR AND THE DEPTH OF CAPPING MATERIAL.
4. PROVISIONAL ALLOWANCE TO BE MADE FOR SUBGRADE REINFORCEMENT (GEOTEXTILE OR GEOGRID). EXTENT OF SAME TO BE CONFIRMED BY IN-SITU CBR TESTS PRIOR TO CONSTRUCTION.

TABLE No.1

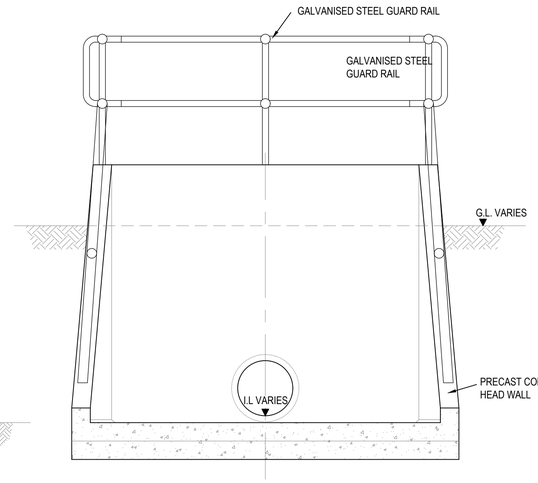
C.B.R. OF SUB GRADE (%)	MINIMUM THICKNESS OF CAPPING LAYER (mm)
Less than 2	REFER to NOTE 3
2-5	300
5-15	150
Greater than 15	0

NOTE: ALLOW FOR 4 NO. CBR TESTS TO BE CARRIED OUT IN LOCATIONS SPECIFIED BY THE ENGINEER



HEADWALL TYPICAL SECTION

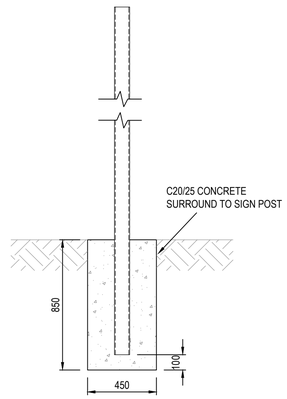
SCALE: 1:25



TYPICAL PRECAST HEADWALL DETAIL

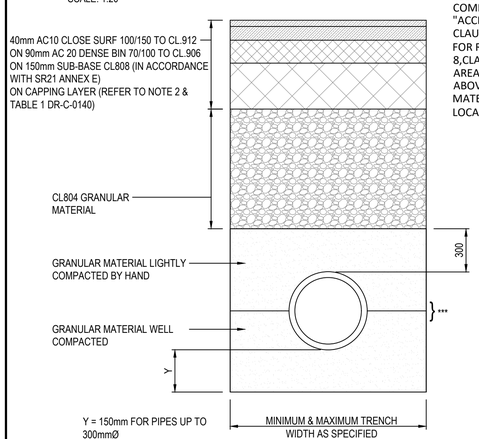
HEADWALL TYPICAL ELEVATION

SCALE: 1:25



TYPICAL SIGNPOST FOUNDATION DETAIL

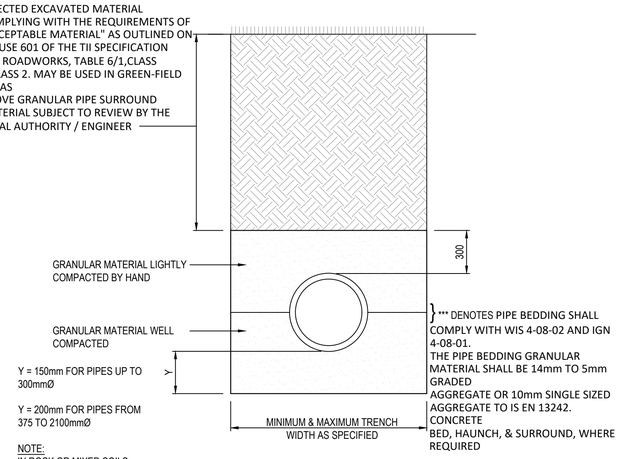
SCALE: 1:20



NOTE:
IN ROCK OR MIXED SOILS CONTAINING BOULDERS OR HARD SPOTS INCREASE PIPE BEDDING BY 100mm

PIPELINES IN FOOTWAYS, ROADS & ROAD MARGINS

SCALE: NTS



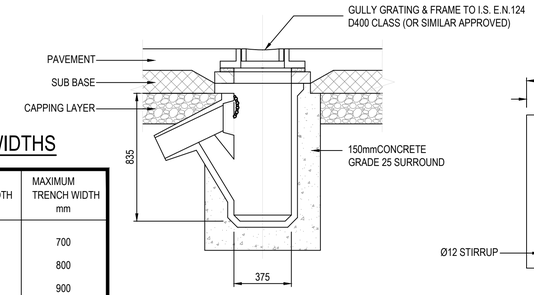
NOTE:
IN ROCK OR MIXED SOILS CONTAINING BOULDERS OR HARD SPOTS INCREASE PIPE BEDDING BY 100mm

PIPELINES IN MEDIANS FIELDS & LAWNS

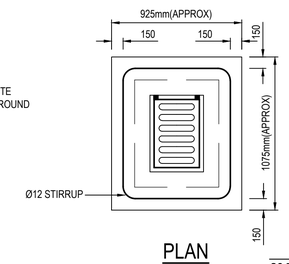
SCALE: NTS

TRENCH WIDTHS

NOMINAL PIPE DIAMETER mm	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	430	700
150	490	800
225	580	900
300	680	1000
375	800	1200
450	920	1300
525	970	1400
600	1090	1500
675	1180	1600
750	1250	1700
900	1420	2200
1050	1625	2400
1200	1860	2600
1350	2060	2800
1500	2290	3000
1800	2800	3400



SECTION



PLAN

PRECAST CONCRETE ROAD GULLY

SCALE: 1:20

PLANNING ISSUE

Rev.	Note	Date	Drawn	Check
S2.P01	ISSUED FOR PLANNING	08.12.2022	KD	AL

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Client: WESTAR HOMES LTD

Project: FINLAY PARK

Drawing Title: PROPOSED TYPICAL SITEWORKS DETAILS - SHEET 1 OF 2

Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:
RR	AL	DOB	MAY 2021	1:20	A1

Project Number:	Drawing Number:	Status Code:	Rev Number:
DOBA2110	FINLAY-DOB- XX-SI- DR-C-0120	S2	P01