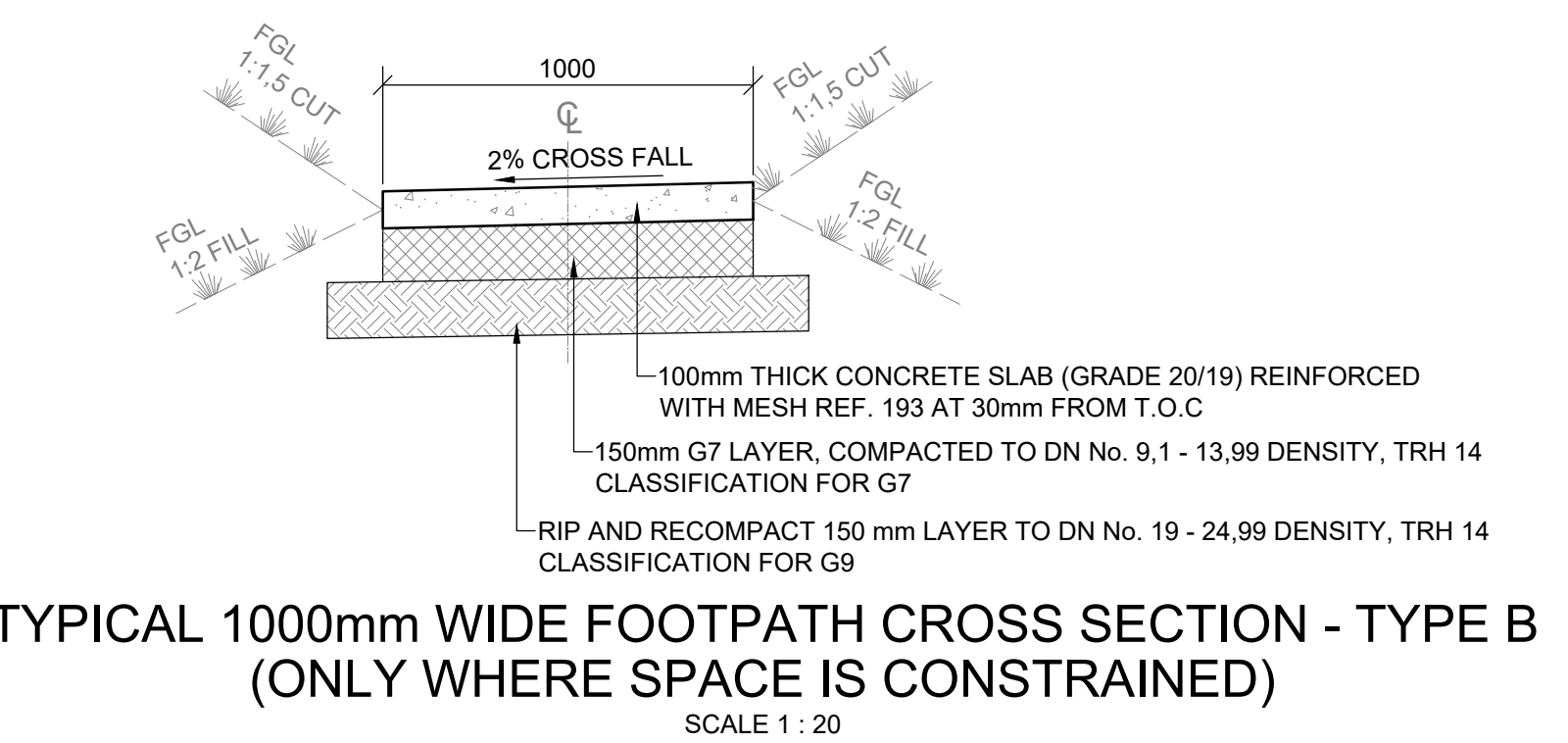
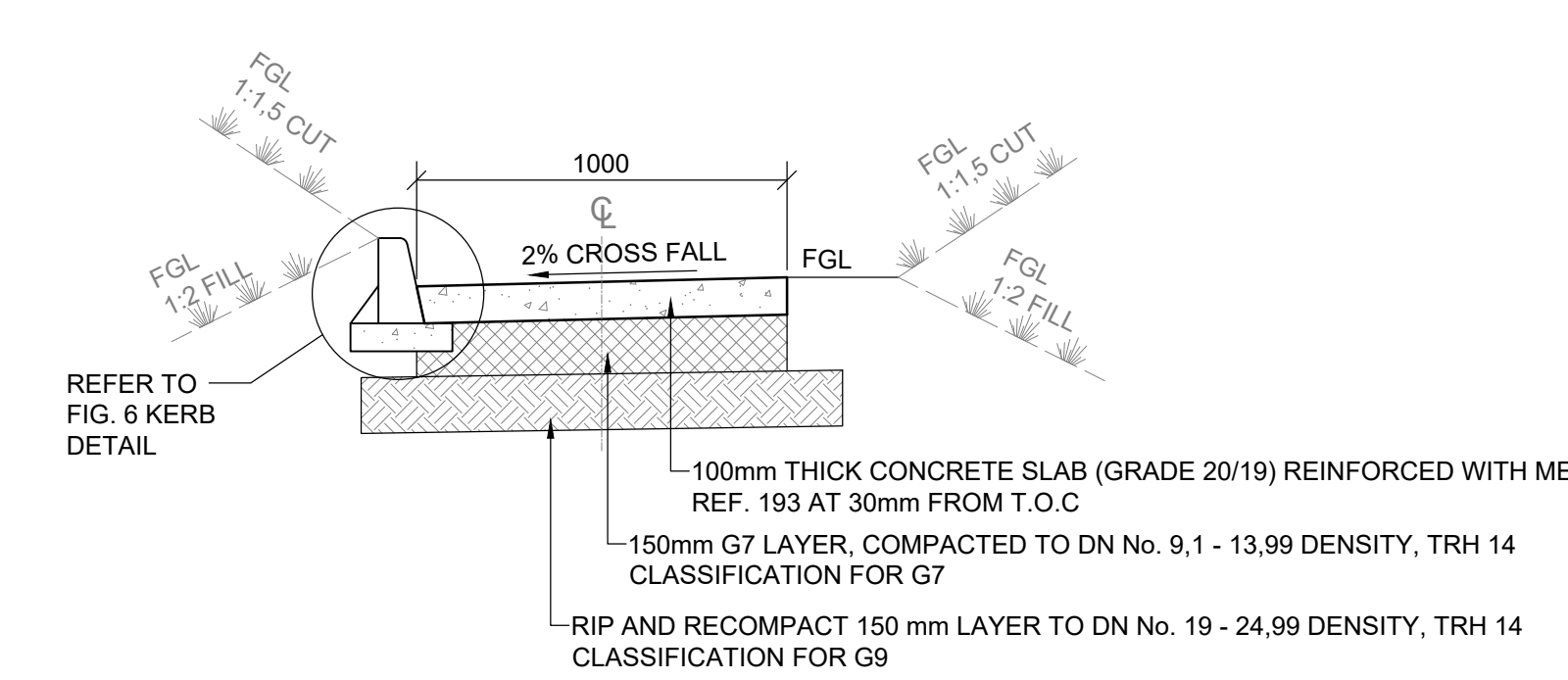


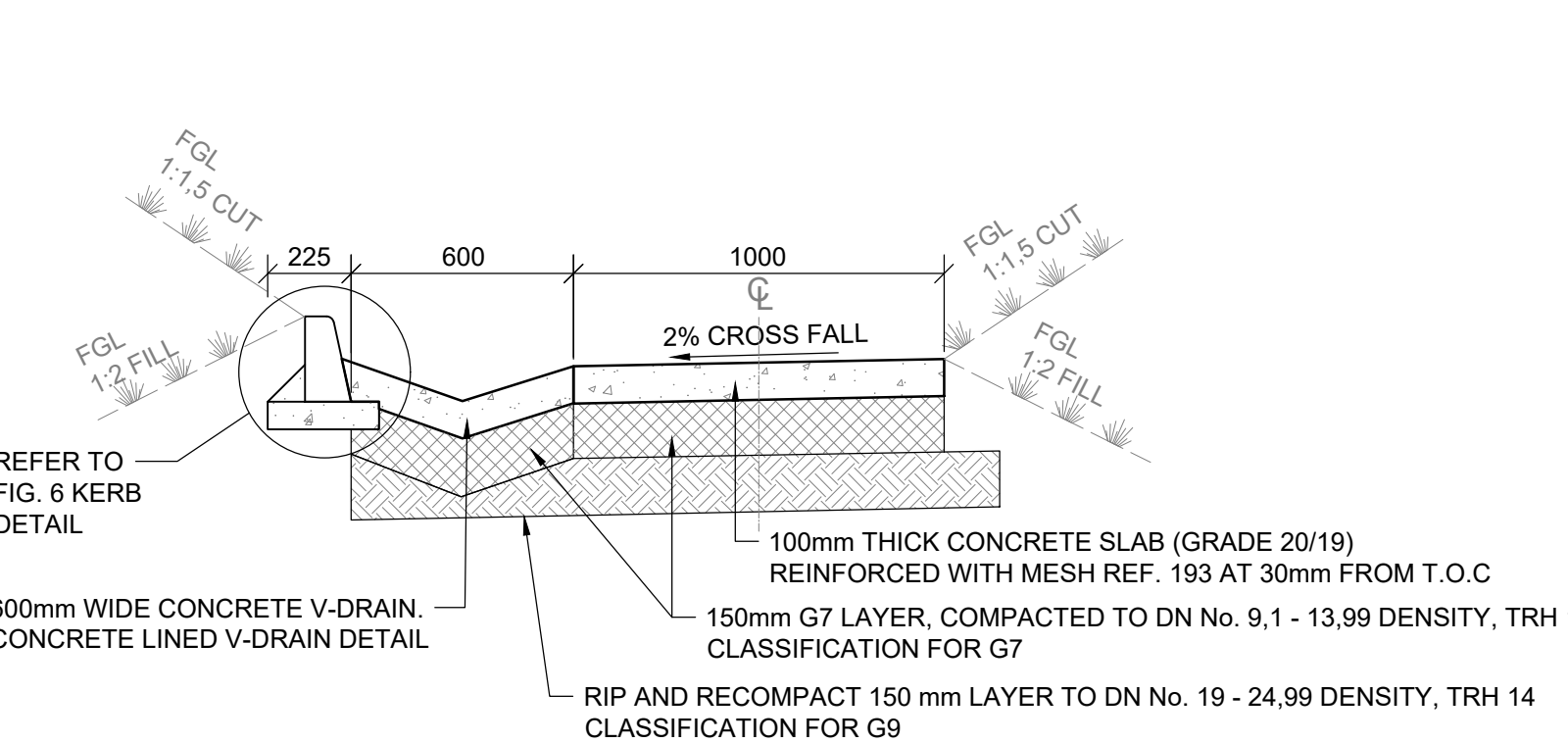
TYPICAL 1500mm WIDE FOOTPATH CROSS SECTION - TYPE A
SCALE 1 : 20



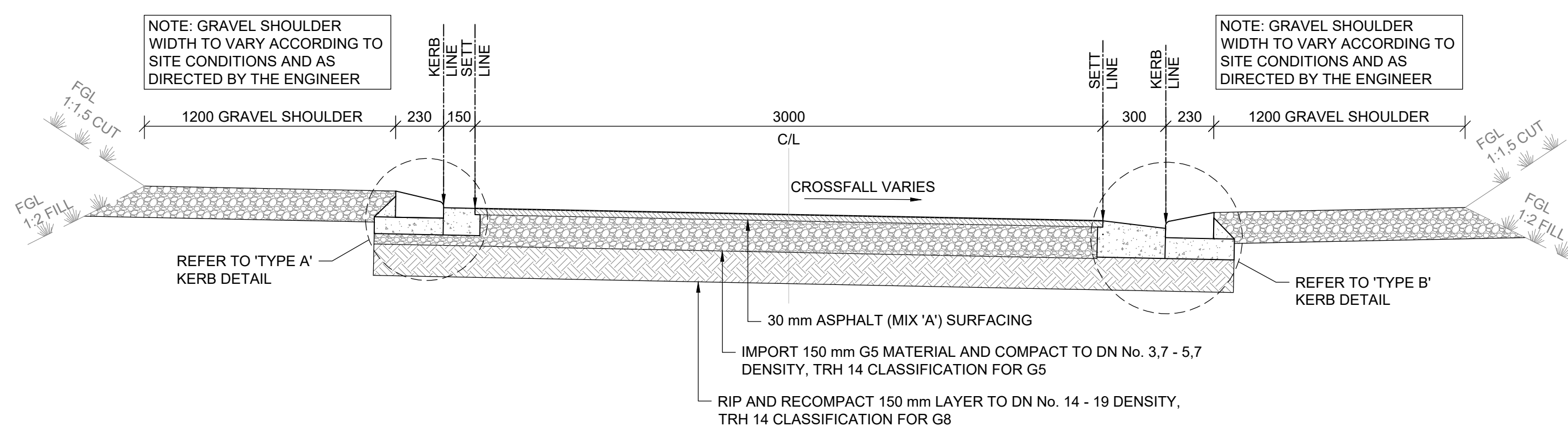
TYPICAL 1000mm WIDE FOOTPATH CROSS SECTION - TYPE B
(ONLY WHERE SPACE IS CONSTRAINED)
SCALE 1 : 20



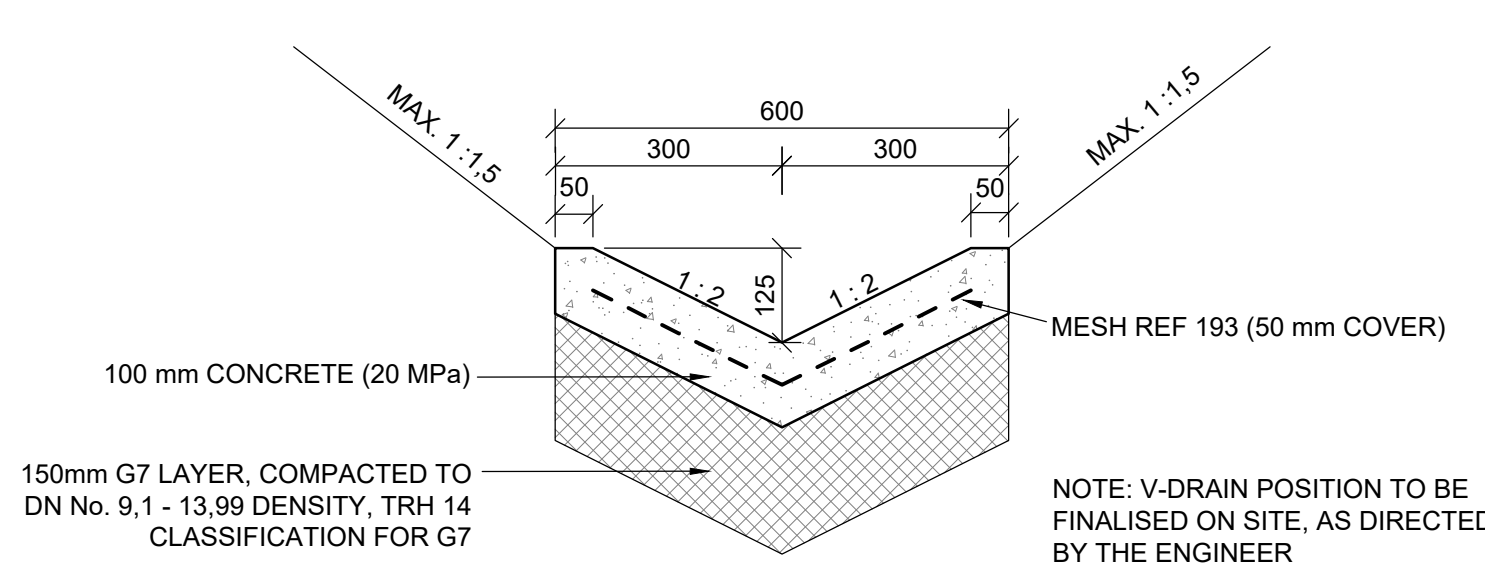
TYPICAL 1000mm WIDE FOOTPATH WITH KERB CROSS SECTION - TYPE C
(ONLY WHERE SPACE IS CONSTRAINED)
SCALE 1 : 20



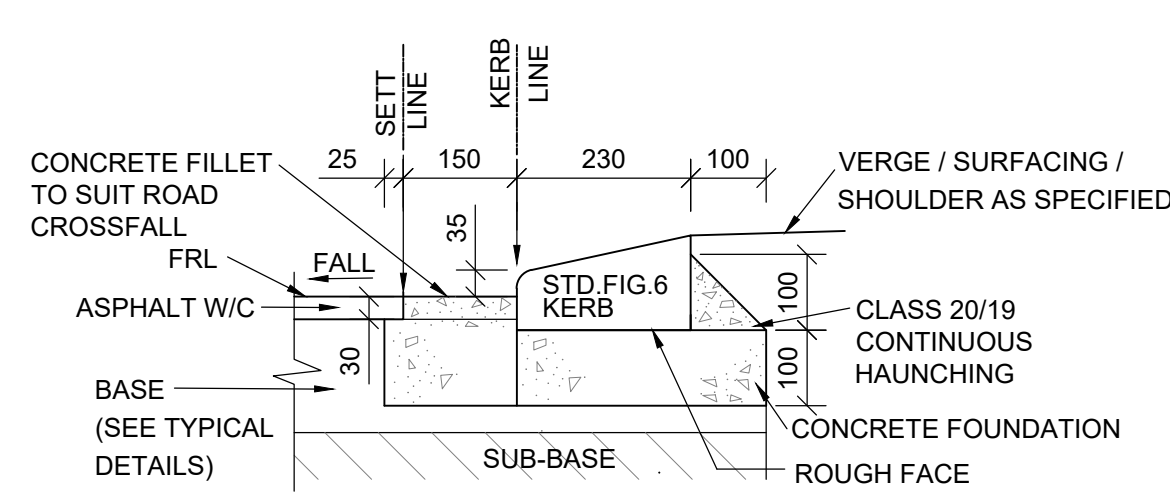
TYPICAL 1000mm WIDE FOOTPATH WITH V-DRAIN
AND KERB CROSS SECTION - TYPE D
SCALE 1 : 20



TYPICAL ROAD CROSS SECTION TYPE 1
SCALE 1 : 20

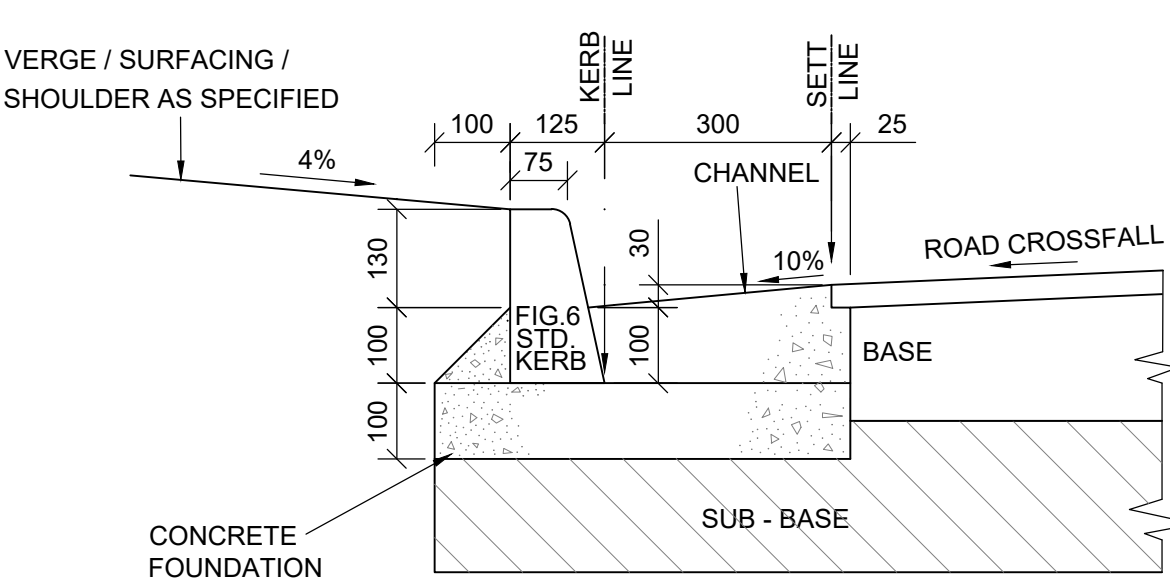


CONCRETE LINED V-DRAIN DETAIL
SCALE 1 : 10

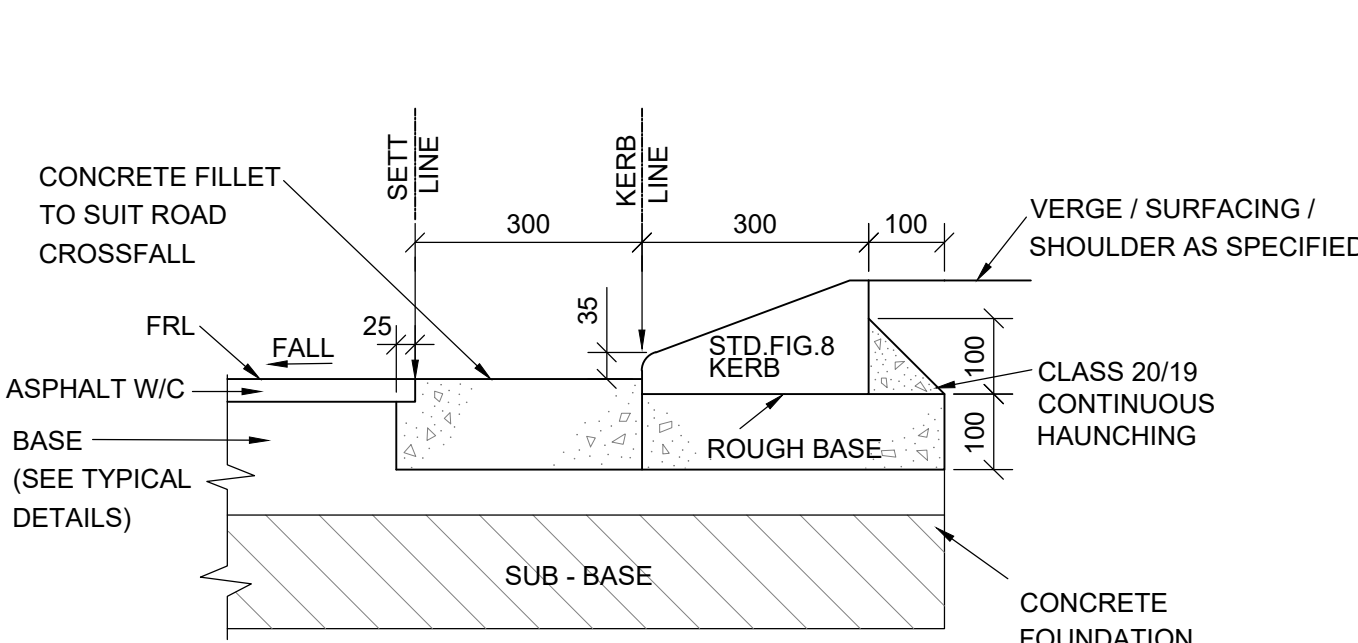


TYPE A: MOUNTABLE KERB WITH
CAST IN SITU FILLET
SCALE 1 : 10

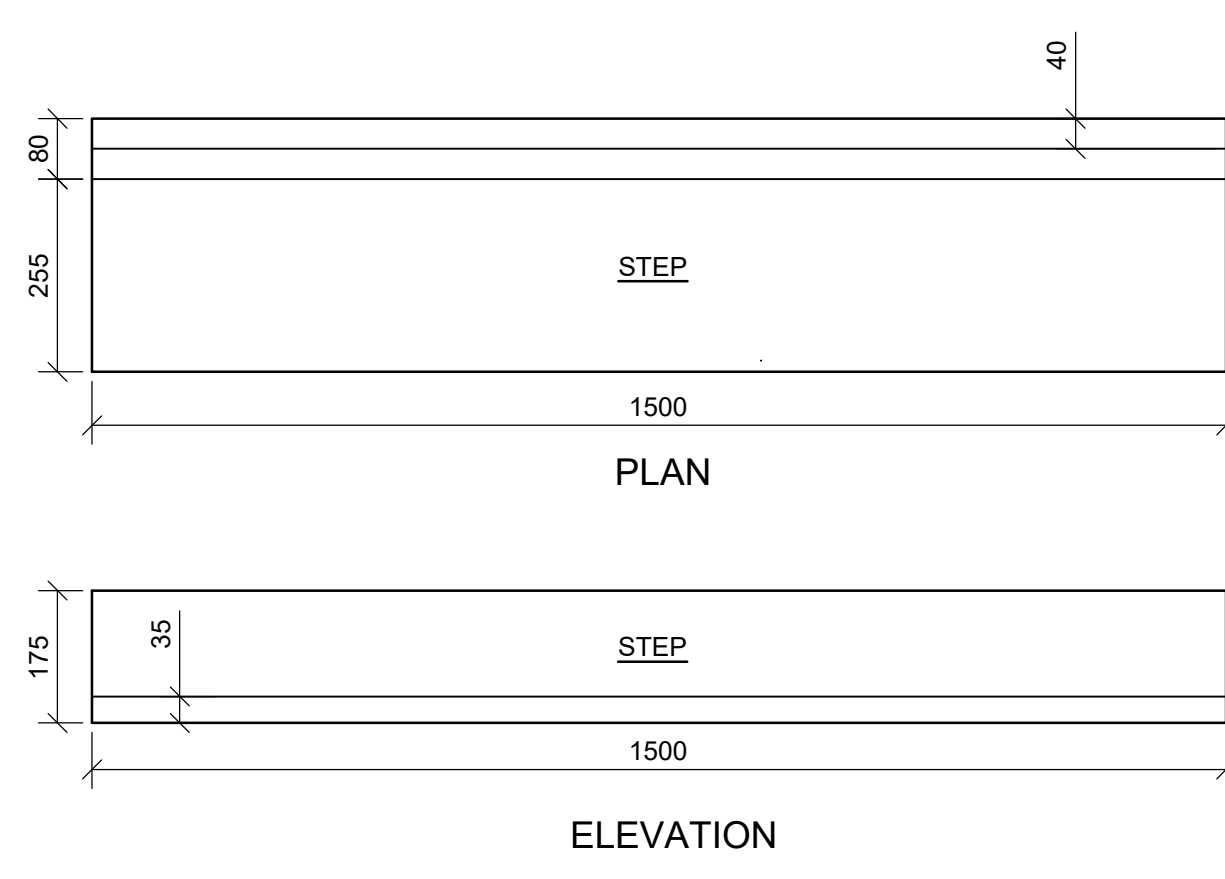
NOTE:- WEARING COURSE LAID & THEN CUT BACK TO
150mm FROM FRONT TO KERB PRIOR TO THE
FILLET BEING CAST.



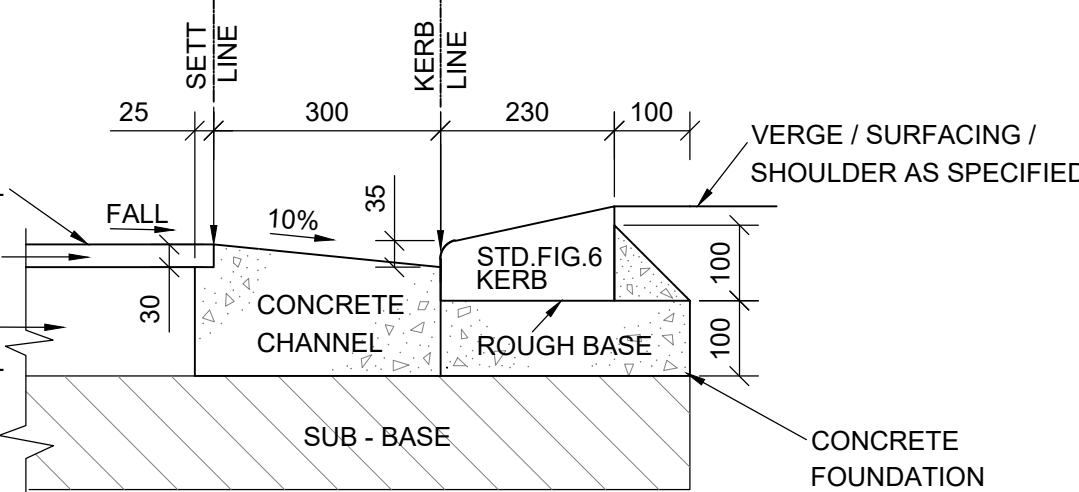
TYPE C : BARRIER KERB AND CAST
IN SITU CHANNEL
SCALE- 1 : 10



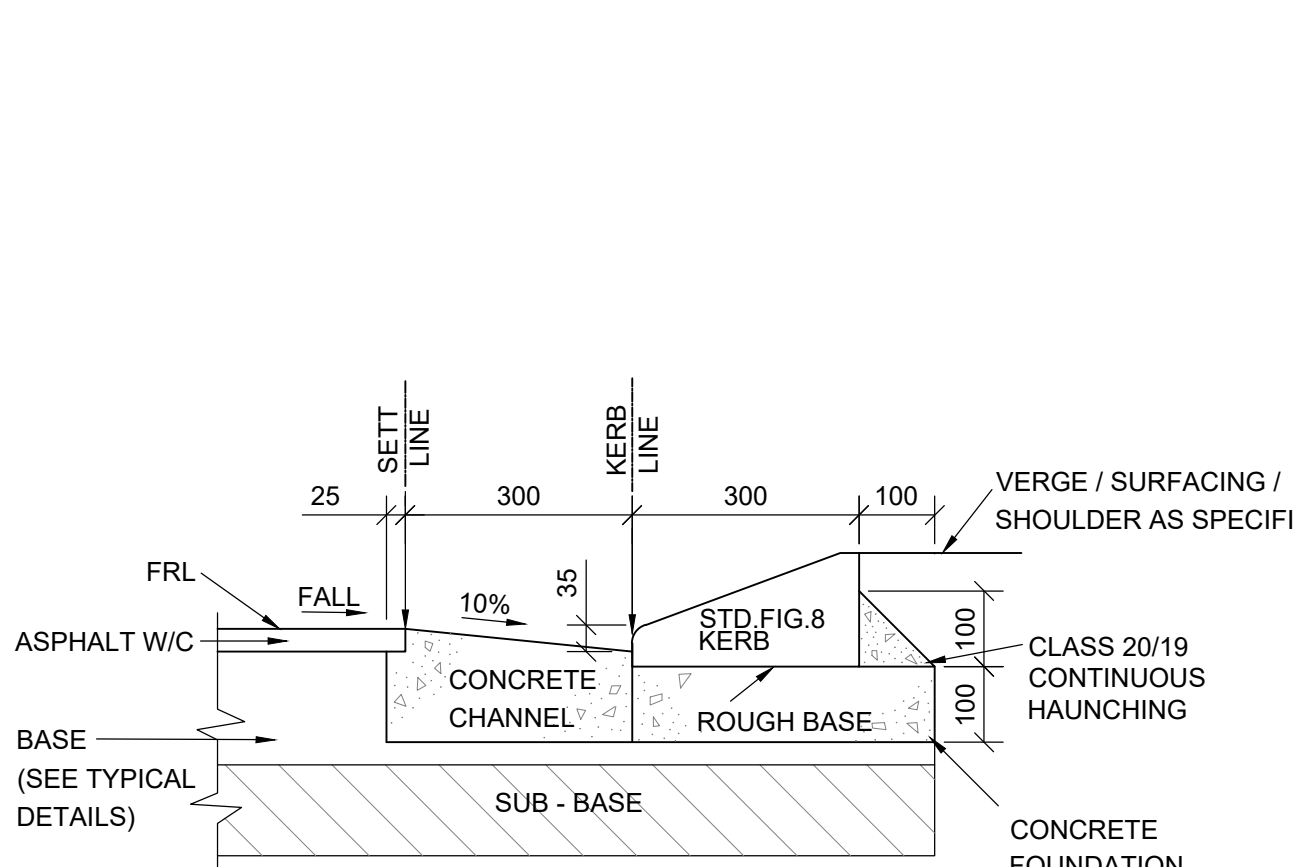
TYPE E : MOUNTABLE KERB &
CAST IN SITU FILLET
SCALE: 1 : 10



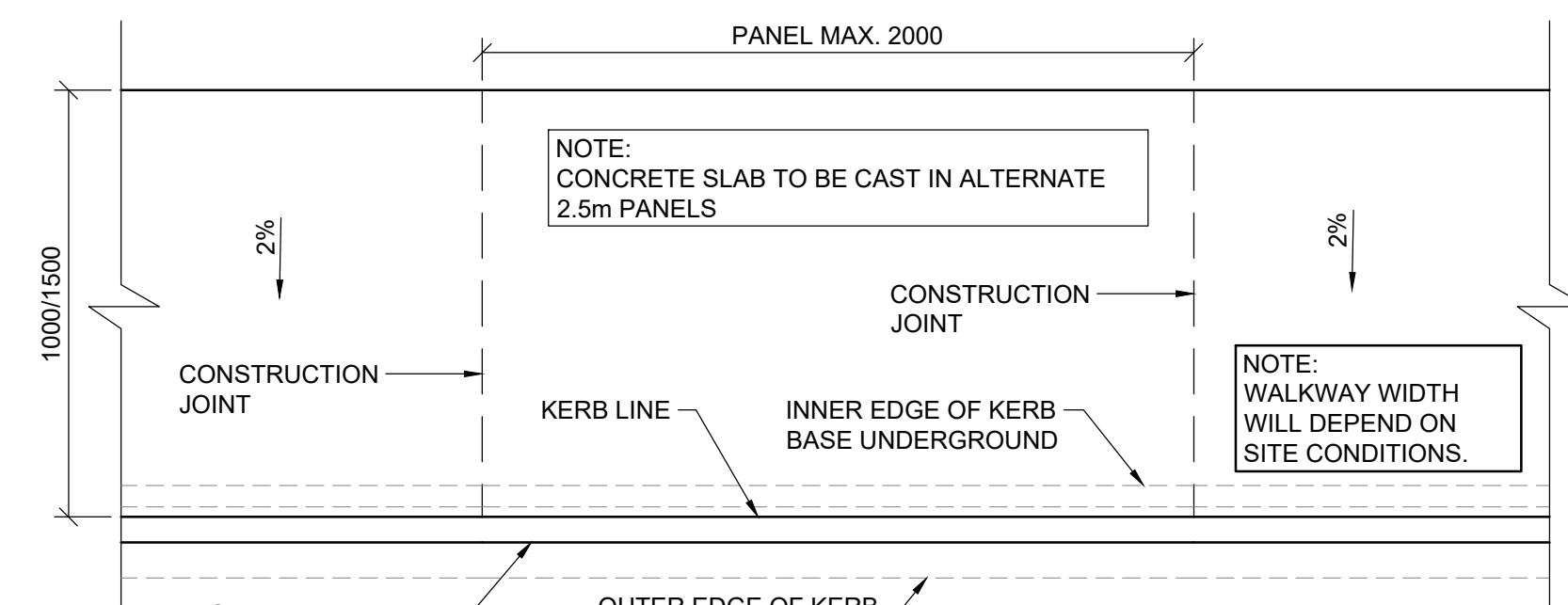
1500mm WIDE PRECAST STEP DETAILS
SCALE 1:10



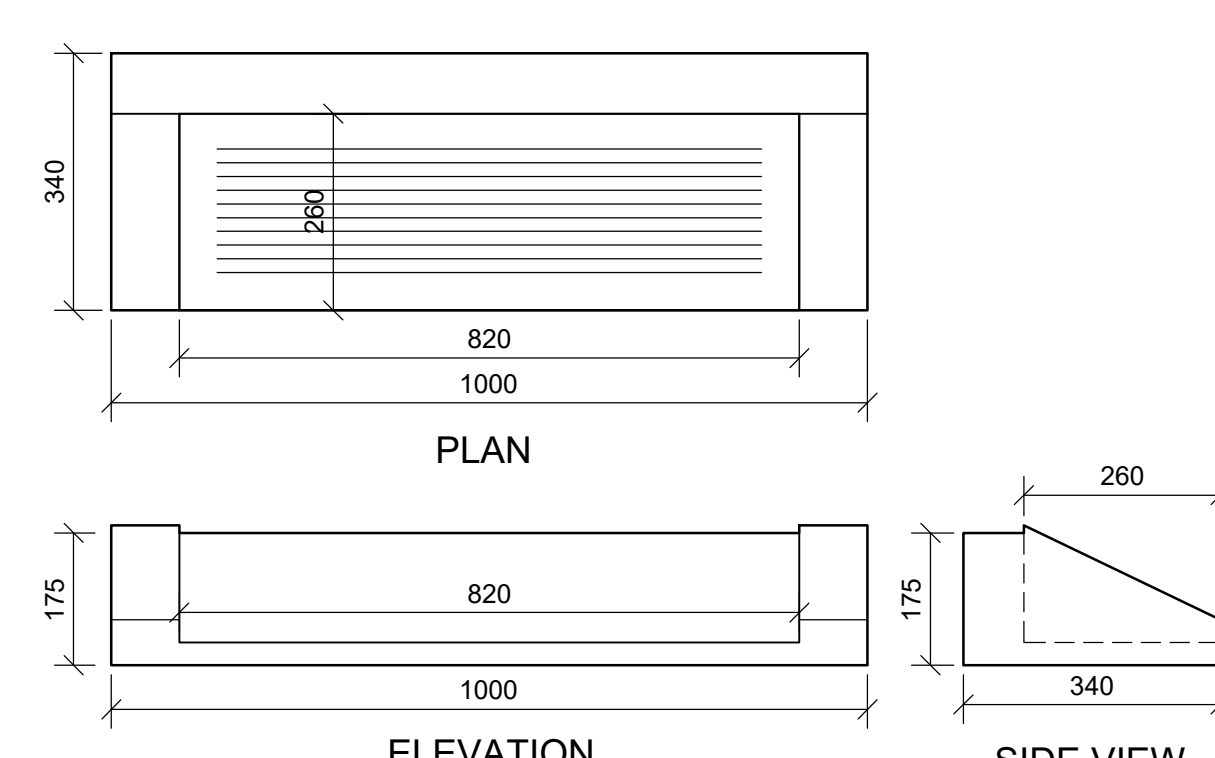
TYPE B : MOUNTABLE KERB &
CAST IN SITU CHANNEL
SCALE: 1 : 10



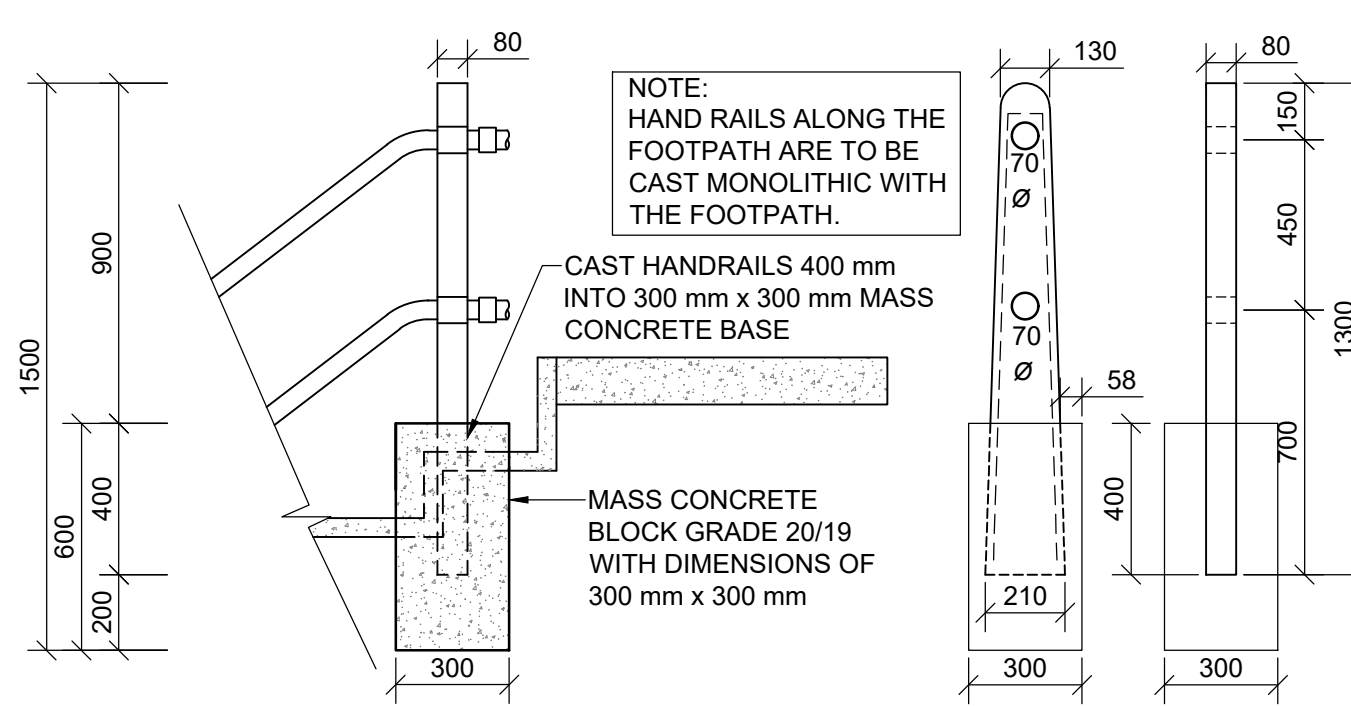
TYPE D : MOUNTABLE KERB &
CAST IN SITU CHANNEL
SCALE: 1 : 10



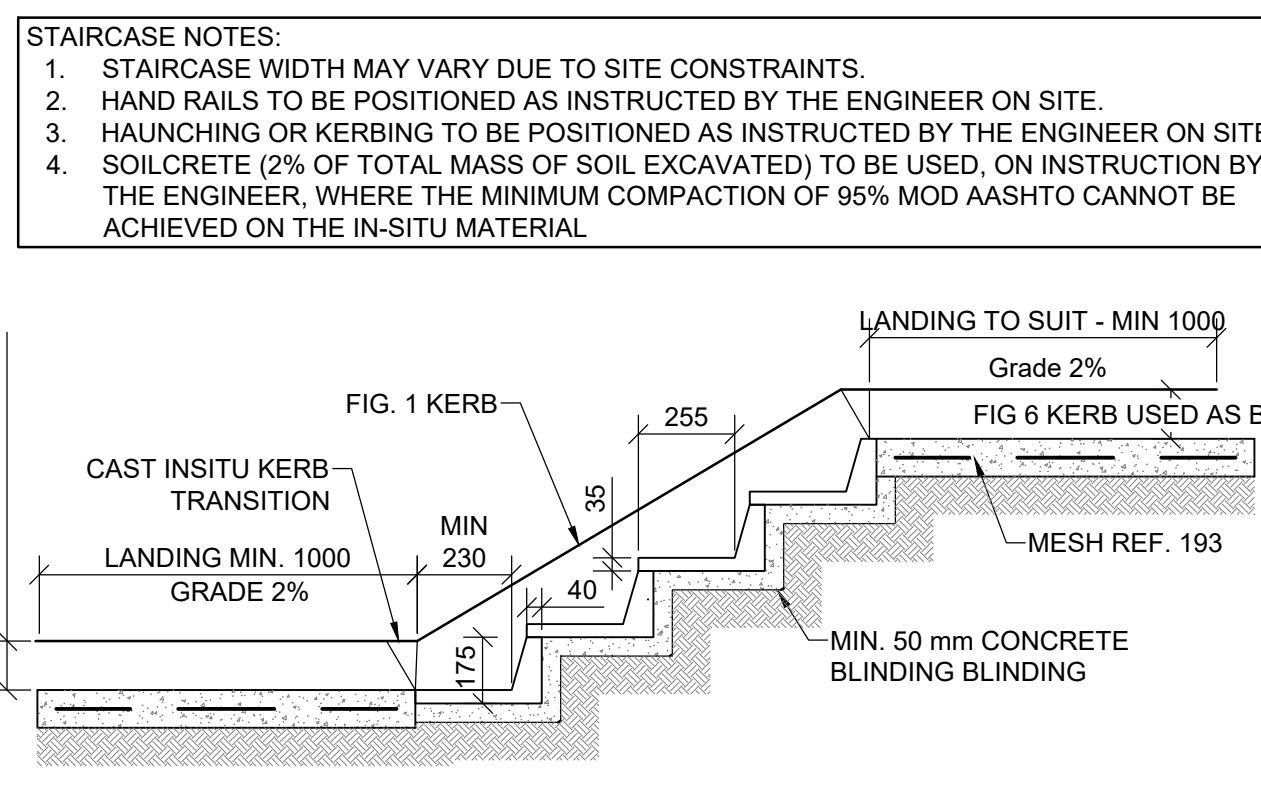
PLAN ON TYPICAL 1000mm / 1500mm WIDE
FOOTPATH
SCALE 1:25



1000mm WIDE PRECAST STEP DETAILS
SCALE 1:10

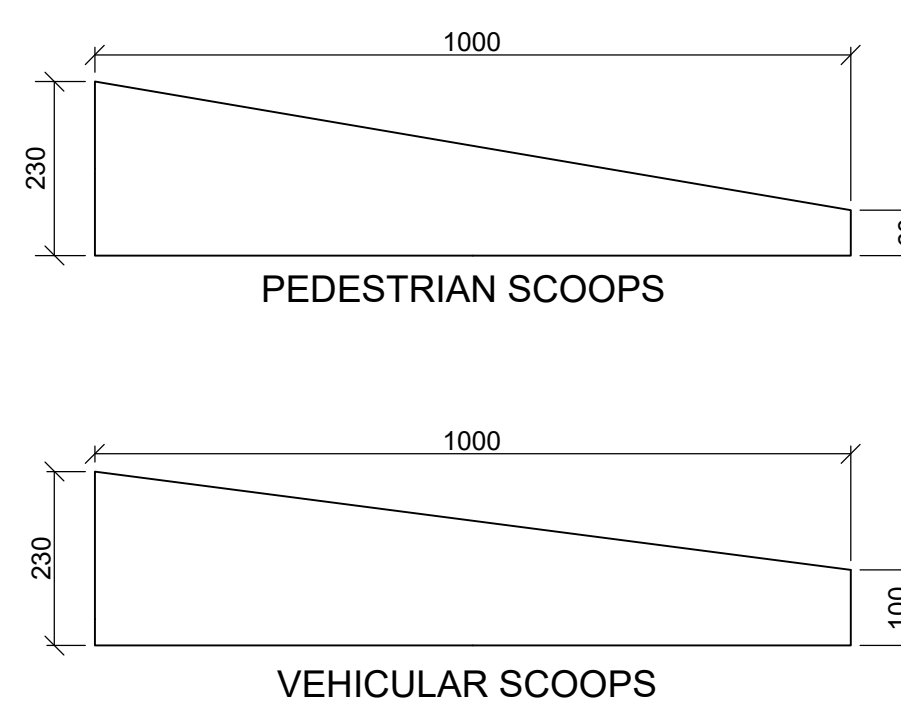


HAND RAIL CONNECTION DETAIL AT STAIRCASE
SCALE 1:20

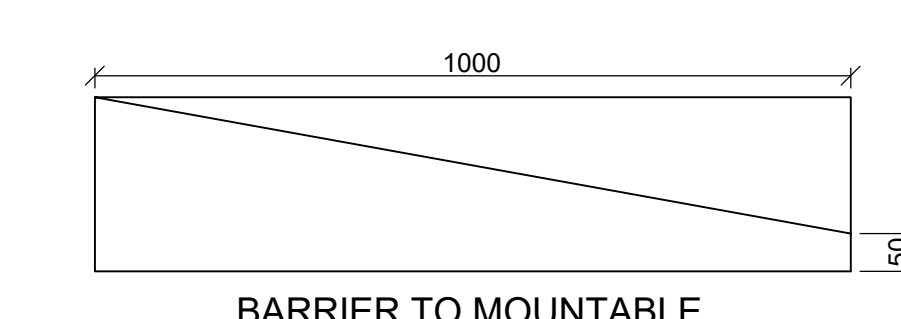


LONGITUDINAL SECTION FOR PRE-CAST
STAIRCASE WITH > 5 RISERS
SCALE 1 : 20

LONGITUDINAL SECTION FOR PRE-CAST
STAIRCASE WITH < 5 RISERS
SCALE 1:20



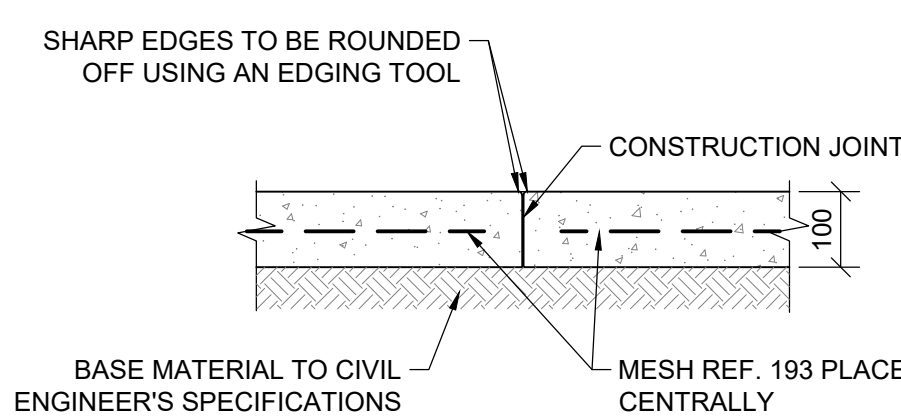
PEDESTRIAN SCOOPS



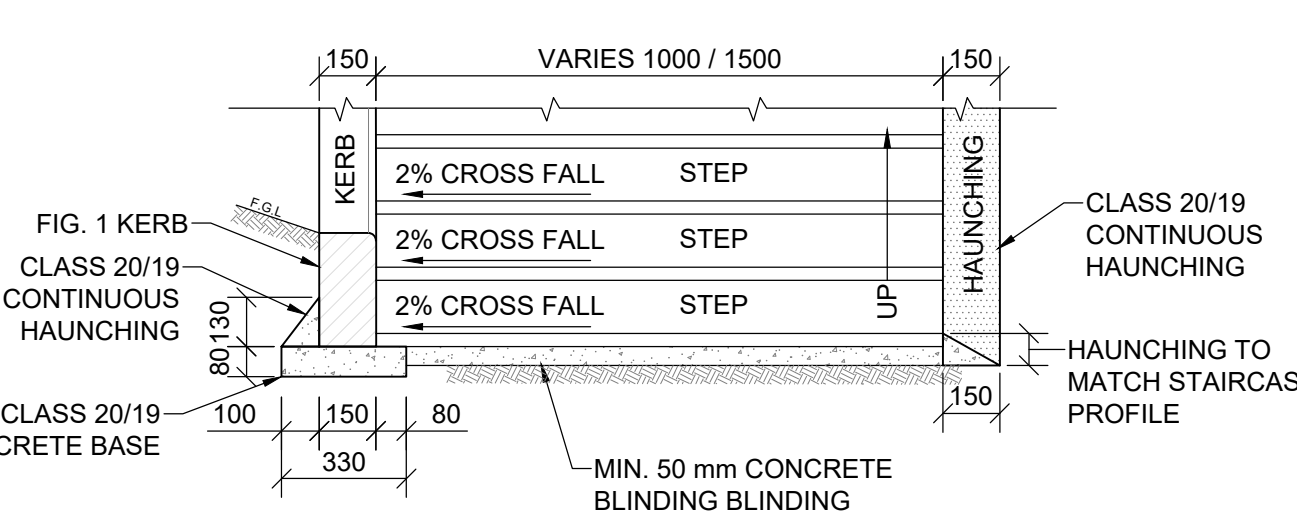
VEHICULAR SCOOPS

PRECAST CONCRETE STD TRANSITION KERBS USED
WITH TYPES A,B,C,D & E KERBING.

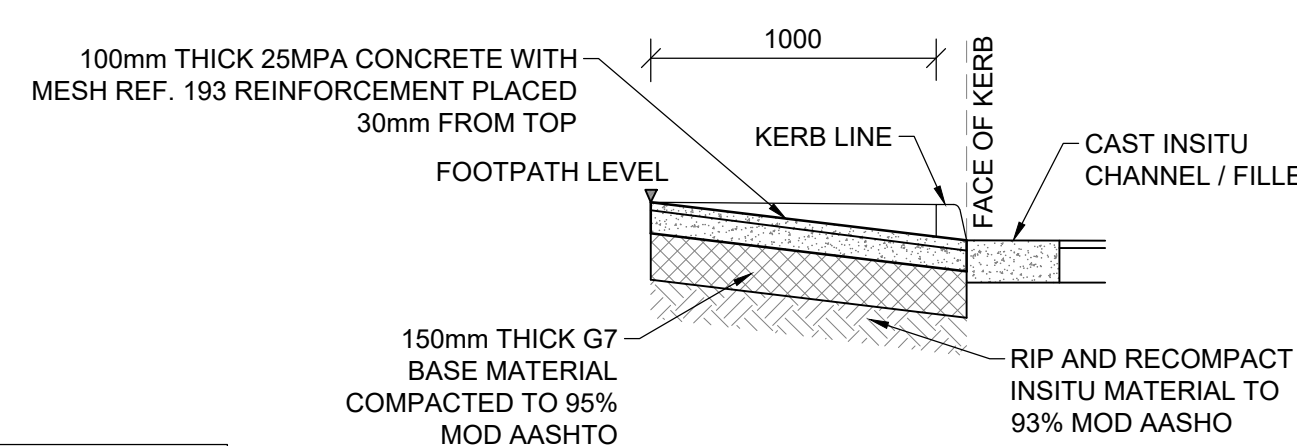
TRANSITION KERBS
SCALE 1 : 10



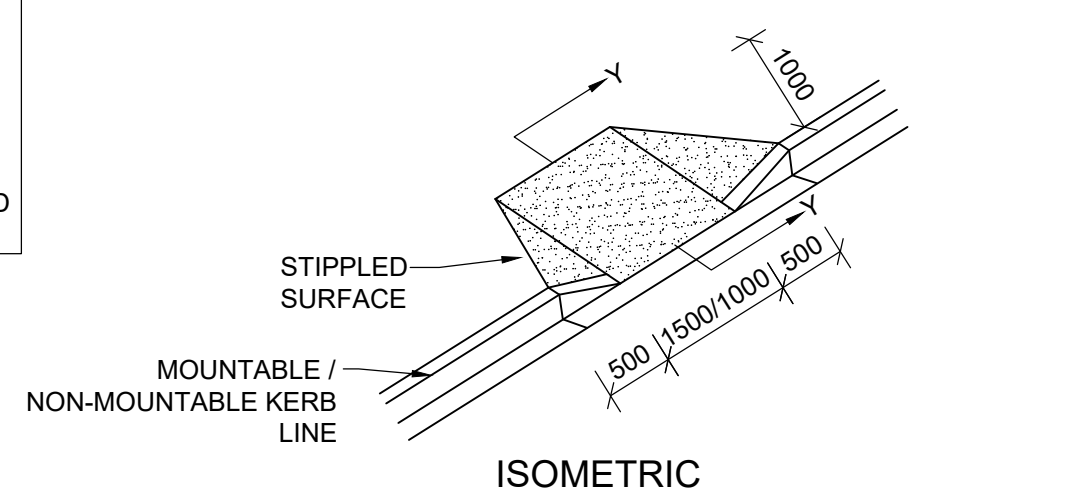
CONSTRUCTION JOINT DETAIL FOR
CONCRETE FOOTPATH
SCALE 1:10



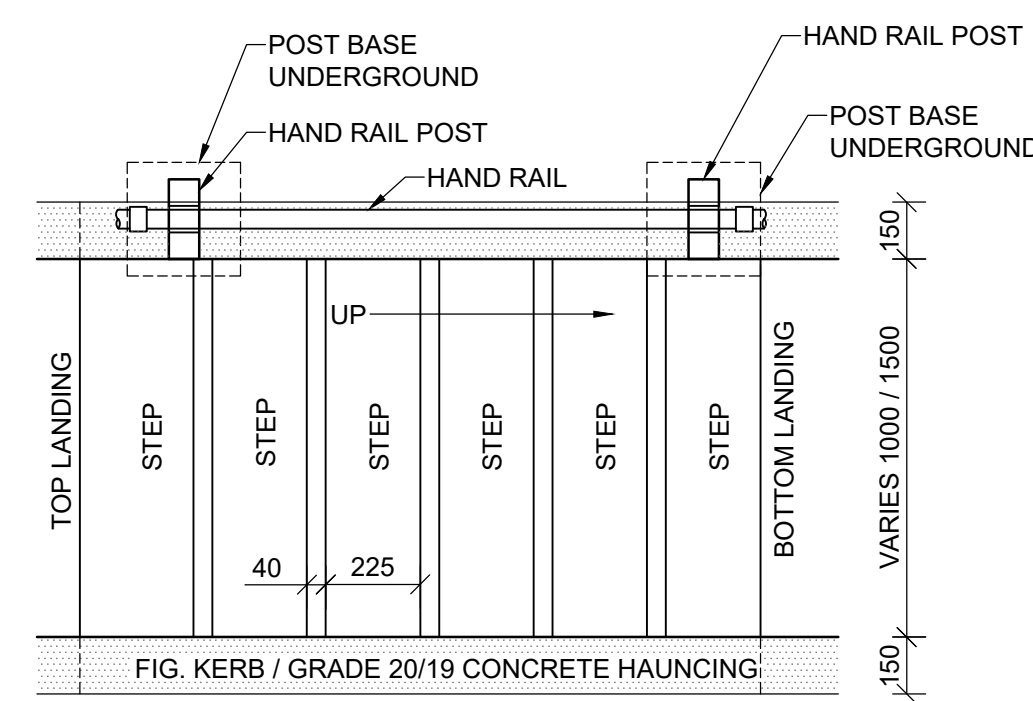
SECTION A-A
SHOWING TYPICAL STAIRCASE KERBING AND
HAUNCHING DETAIL
SCALE 1 : 20



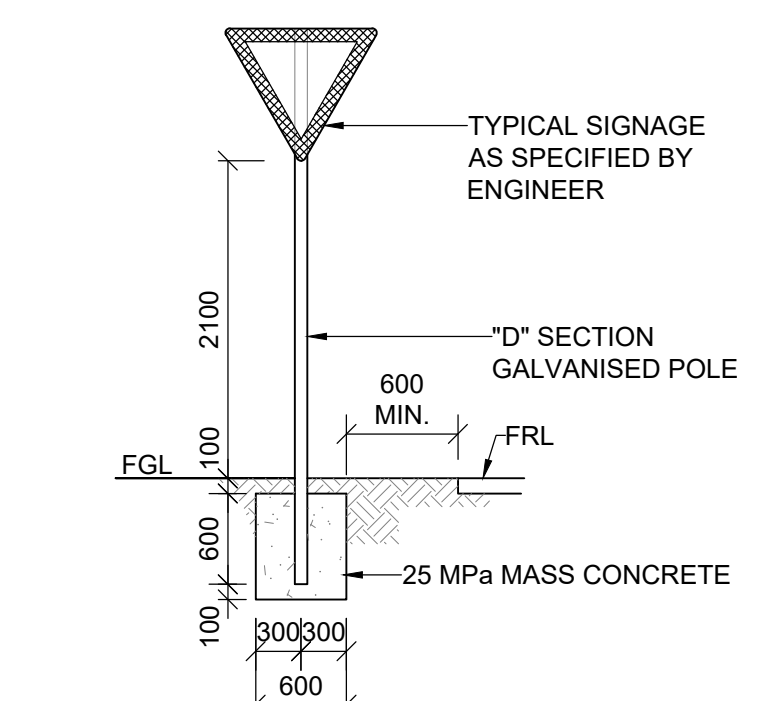
SECTION Y-Y



PEDESTRIAN SCOOP DETAILS
N.T.S



PLAN ON STAIRCASE WITH
HANDRAIL ONE SIDE
SCALE 1:20



TYPICAL REGULATORY SIGNS
INSTALLATION DETAIL
N.T.S.

FOR TENDER

NOTES

GENERAL :

1. PROVE ALL SERVICES PRIOR TO CONSTRUCTION.
2. ALL LEVELS AND DIMENSIONS TO BE VERIFIED ON SITE.
3. ALL SETTING OUT TO BE UNDERTAKEN BY A REGISTERED PROFESSIONAL LAND SURVEYOR.
4. ALL SURVEY AND SETTING OUT DATA PROVIDED IS BASED ON (WGS 84).
5. ALL WORK AREAS TO BE REINSTATEMENT (PREMIX, CONCRETE, ETC).
6. MUNICIPALITY TO EXECUTE ALL CONNECTIONS INTO MUNICIPAL LINES.
7. UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTION TESTS, AND WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON BACKFILL.
8. ALL WORKS IN ACCORDANCE WITH CITY OF DURBAN SPECIFICATIONS AND SANS 1200.
9. THE ENGINEER REQUIRES 24 HOURS NOTICE FOR ALL INSPECTIONS.

MATERIAL COMPLIANCE TESTING :

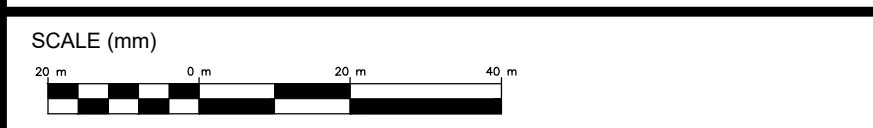
1. RESULTS OF COMPACTION AND CBR TESTS ON INSITU SUB-BASE MATERIAL, AND FILLED SUB-BASE MATERIAL MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE THE UPPER LAYER WORKS ARE IMPORTED TO THE SITE AND PLACED.

FREQUENCY OF TESTS :

1. CBR TESTS 1 PER 300m².
2. COMPACTION TESTS 1 PER 200m² NOTE : COMPACTION TESTS WILL BE REQUIRED FOR EACH OF THE VARYING LAYER THAT IS IMPORTED AND COMPACTED IN PLACE.

ROADS AND FOOTPATHS :

1. ALL LEVELS, DIMENSIONS AND SETTING OUT DETAILS TO BE VERIFIED BY CONSULTANT AND CONTRACTORS ON SITE PRIOR TO CONSTRUCTION.
2. THE POSITIONS OF ACCESSES ARE TO BE DETERMINED IN CONSULTATION WITH THE LOCAL COMMUNITY. DAYLIGHT REQUIREMENTS ARE TO BE DECIDED BY THE ENGINEER ON SITE. CONCRETE WEDGES ACCORDING TO CIVIL ENGINEERS DETAILS AND SPECIFICATIONS MAY BE USED IN PLACE OF SURFACED BELL-MOUTHS FOR ACCESSES SERVING SINGLE RESIDENTIAL PROPERTIES.
3. EXISTING ROAD SIGNS, SERVICES AND FENCING AFFECTED BY CONSTRUCTION ARE TO BE REMOVED/RELOCATED ON INSTRUCTION BY THE CIVIL ENGINEER.
4. UNDERGROUND SERVICE CROSSINGS AND MARKERS ARE TO BE ACCORDING TO CIVIL ENGINEERS DETAILS AND SPECIFICATIONS.
5. ALL NEW ROAD SIGNS AND ROAD MARKING REQUIREMENTS ARE TO CONFORM TO THE SOUTHERN AFRICAN DEVELOPMENT COMMUNITY ROAD TRAFFIC SIGNS MANUAL (SADC - RTSM).
6. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH "COLTO SPECIFICATIONS FOR ROAD AND BRIDGE WORKS FOR STATE ROAD AUTHORITIES".
7. NEW FILLS AND EXPOSED CUTS ARE TO BE TOP-SOILED AND VEGETATED IMMEDIATELY AFTER CONSTRUCTION TO PREVENT EROSION.



No. REFERENCE DRAWINGS

REV	DESCRIPTION	BY	DATE
P1	FOR TENDER	K G	2024.03.28

REV	DESCRIPTION	BY	DATE
P1	FOR TENDER	K G	2024.03.28

REV	DESCRIPTION	BY	DATE
P1	FOR TENDER	K G	2024.03.28

Professional person Registration

CLIENT



PROJECT
eTHEKWINI: PROVISION OF
INCREMENTAL SERVICES TO
INFORMAL SETTLEMENTS:
SMITHFIELD RD WARD 34

DETAILS
TYPICAL DETAILS



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DRAWN	K.G	PL	AS SHOWN
APPROVED	L.S	PL	DATE 2024.03.28

CONTRACT No. 4V-24407
DRAWING No. 557/SMIT/903 REV P1