1:50

0 1 2 3 4 5

site sizes to be checked prior to manufacture of ramp

After every change in direction all openings to be maximum 100mm (shaded blue)

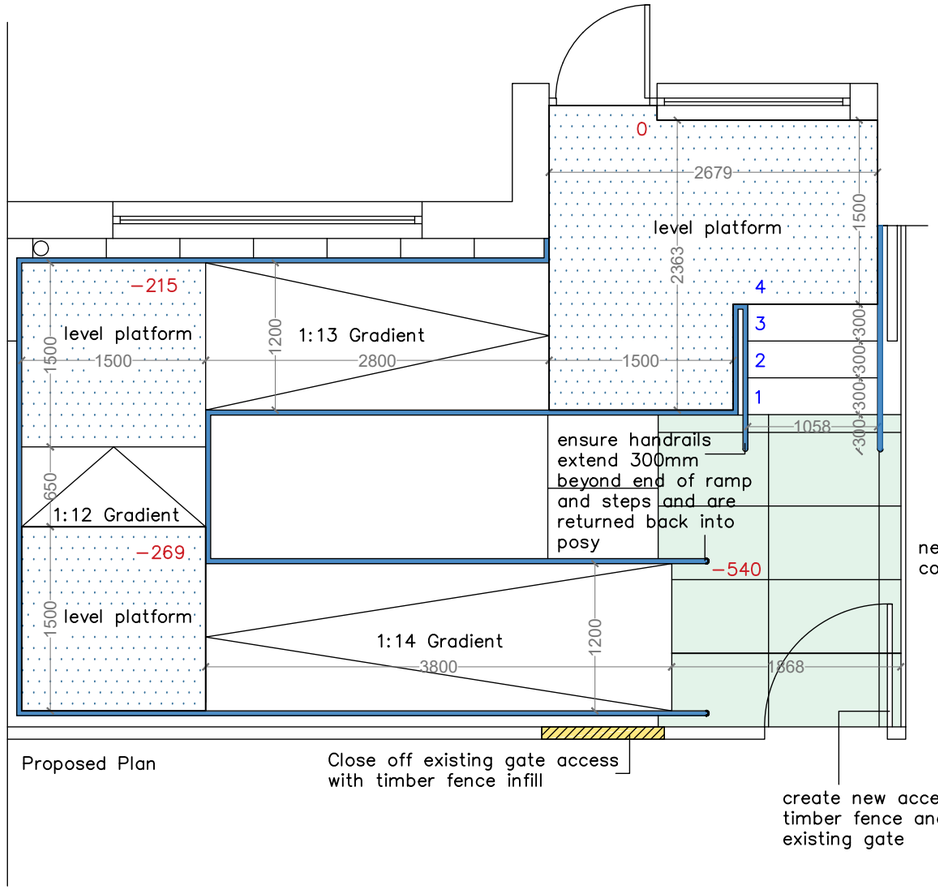
extruded steel mesh surface on all level platforms

galvanized steel ramp

ensure all edges of ramp have 100mm upstands.
handrails to be 900mm above ramp level.

ensure handrails extend 300mm beyond end of ramp and steps and are rounded.

Ensure step is of equal rise.
Ensure no open risers
Riser: 142.5mm
Tread: 300mm



RAMP & BALUSTRADE SPECIFICATION.
Proposed new disabled access ramp to be constructed using 6mm Durabar steel walkway flooring with anti slip textured finish on 100x60x7 RSA.
Handrail to be constructed using 42.4mm circular hollow sections, 4mm thick galvanised steel.
Vertical supports should be equally spaced along length of ramp but should not exceed 1200mm except where rail acts as a barrier, where supports should not exceed 900mm.
Ramp support tops to be 70x70x3mm square hollow sections at 2000mm centres welded to 210x210x12mm thick steel base plates, fixed through to foundation using 4no Hilti HST stud anchors.
Foundation to be 25mm neat Porland cement bed to ground level on 400x400mm C35 concrete foundation with a depth to suit site conditions.
Mid rail to be 33.7 Circular galvanised hollow section.
All ramps should be built in strict accordance with the Technical Standards and BS 8300
Proposed ramps and steps to be constructed in−situ to suit existing land levels and falls.

Design of pedestrian barriers to comply with BS EN 1991−1−1 and the associated PD 6688−1−1.

RAMP NOTES

RAMP DESCRIPTION
ALL METALWORK TO BE GALVANISED PRIOR TO INSTALLAION. NEW GALVANISED RAMP PLATFORM TO BE BUILT OVER EXISTING ENTRANCE STEP. ENSURE PLATFORM IS LEVEL WITH THRESHOLD
ENSURE ALL EDGES OF RAMP HAVE 100MM UPSTANDS.

FOUNDATIONS
PAD FOUNDATIONS TO BE 300 X 300 X 150MM QUICK-SETTING CONCRETE AND PRIOR TO POURING, THE TOP OF EACH PAD MUST BE AT A DEPTH OF 450MM BELOW GROUND LEVEL AND BACKFILLED WITH TYPE ONE HARDCORE. THE PAD WILL NOT BEAR ON SOFT SPOTS OR ON GROUND WITH ALLOWABLE GROUND BEARING PRESSURE OF LESS THAN 40KN/M².

FIXING
EACH POST BASE PLATE TO BE FIXED TO EXISTING SLABS OR PAD FOUNDATIONS USING M8 X 75MM RAWL BOLTS.

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DRAWING STATUS
PLANNING & WARRANT

DESIGN SERVICES
350 Darnick Street
GLASGOW
G21 4BA
Tel 0141 287 2200
Fax 0141 287 1969
CITYBUILDING

JOB
PROPOSED RAMP @ 10 VICTORY WAY

TITLE
PROPOSED PLAN

SCALE @ A3	DATE	DRAWN
SCALE 1:50	**AUG 2021**	**DPM**
JOB NO.	APPROVED	
	..	
DRG NO.	REVISION	
03	-	