FILE LOCATION: U:_ 1 projects\monaghan co\woodview to mall road linkages 6258\4. Tender Stage\4.1 Drawings

TENDER / 2024/05/24 / 16:22

CLEANING EXISTING TARMAC PATH AND TRIM GRASS EDGING

EXISTING TARMAC FOOTPATH WIDENED AT FOOT OF PROPOSED PATH TO 2M

TACTILE PAVING
THE COLOUR SHOULD BE BUFF AND THE TACTILE PAVING PATTERN SHOULD BE ROUNDED BARS RUNNING TRANSVERSELY TO THE DIRECTION OF PEDESTRIAN TRAVEL. THE DEPTH OF THE TACTILE PAVING SHOULD BE 800MM AND SHOULD START 400MM FROM THE FIRST STEP NOSING

PROPOSED SETS OF STEPS AS PER TABLES SHOWING STEP DATA

ALL SECTIONS BETWEEN STEPS TO NOT EXCEED 2% (1:50 GRADIENT), THEREFORE THEY'RE NOT DEEMED AS RAMPS AND CAN BE USED AS LANDINGS

SINGLE HANDRAIL ON EITHER SIDE OF STEPS ALONG ROUTE

1M FLAT GRASS SECTION THROUGHOUT NEW ROUTE.

GRADE EXISTING GROUND BACK TO THE NEW PEDESTRIAN PATH 1M FLAT SECTION

PROPOSED 2M WIDE PEDESTRIAN TARMAC FOOTPATH WITH NON-SLIP COATING LINKING TO EXISTING FOOTPATH AT TOP AND BOTTOM, WITH CROSSING IN THE MIDDLE

STREET LIGHTING
ALONG THE RIGHT OF PATH AND UPPER PATH GOING UP TO WOODVIEW. ALLOW FOR NECESSARY EXCAVATION, DUCTING AND INSTALLATION OF LIGHTING POLES. HINGED TYPE LIGHTING COLUMNS THROUGHOUT. NOTE: LIGHTING SHOULD BE TO CLASS P4/P5 AND TO BS 5489-1:2020

EXISTING FOOTPATH REMOVED

TERRAM 1000 AND TOPPED OFF WITH 10-14MM CLEAN SINGLE SIZED PEA GRAVEL ALL TO RUN ALONG NEW ROUTE TO THE INSIDE OF THE BEND AND BE CONNECTED INTO EXISTING MANHOLE ALONG ROAD

2M WIDE X 1.2M DEEP BUFF BLISTERED TACTILE PAVING TO EACH SIDE OF LANE CROSSING

DBM SURFACE TO CROSSING OF LANEWAY

STEPS SET #1

STEPS SET #2

REFER TO TABLES FOR STEPPED PATHWAY DATA

REMOVE ALL OVERGROWTH TO PROVIDE OPEN LANDSCAPE DESIGN

DIVERT EXISTING PATH ONTO UPGRADED ROUTE

FOOTPATH & STEPS WIDENED TO 2M

ALL GULLYS AND MANHOLES IN THIS VICINITY TO BE INSPECTED AND CLEANED TO ALLEVIATE FLOODING THAT HAPPENS DURING HEAVY RAINFALL

TACTILE PAVING
THE COLOUR SHOULD BE BUFF AND THE TACTILE PAVING PATTERN SHOULD BE ROUNDED BARS RUNNING TRANSVERSELY TO THE DIRECTION OF PEDESTRIAN TRAVEL. THE DEPTH OF THE TACTILE PAVING SHOULD BE 800MM AND SHOULD START 400MM FROM THE FIRST STEP NOSING

1.2M HIGH BOLLARDS AT 1.2M MAXIMUM SPACING

ALL GULLYS AND MANHOLES IN THIS VICINITY TO BE CLEANED TO ALLEVIATE FLOODING THAT HAPPENS DURING HEAVY RAINFALL

WIDEN EXISTING PATH AND 2NO. SETS OF STEPS TO 2M

ADD NEW HANDRAILS TO EXISTING STEPS ON EACH SIDE

STREET LIGHTING TO EXISTING PATH. ALLOW FOR NECESSARY EXCAVATION, DUCTING AND INSTALLATION OF LIGHTING POLES

SURVEY ANNOTATIONS:

AP	Anchor Point
EP	Electricity Pole
G	Gully
LP	Lamp Post
MH	Manhole
MK	Marker
SV	Stop Valve
TP	Telegraph Pole
WM	Water Meter
TOP 100.00	Top of Post
TOW 100.00	Top of Wall level

Tree (spread varies)

Bush (spread varies)

Hedge (width varies)

Kerb

Wall

Top of Bank

Bottom of Bank

Fence

Foliage Line

Footpath

Solid Structure / Feature

Step DATA (StepS 1-24)	
Going, Rise etc.	See table across
Substrate	Insitu-Concrete
Finish	-
Handrail Type	Stainless Steel Handrail both sides

Step DATA (StepS 25-32)	
Going, Rise etc.	See table across
Substrate	Insitu-Concrete
Finish	-
Handrail Type	Stainless Steel Handrail both sides

NORTH

SITE LAYOUT
SCALE: 1:200

STAIRS ALONG STEPS SET #1

		Steps	Steps #	Levels
Start Level (mm)	59110	1	Steps #1 Start Level	59.110
End Level (mm)	72050	1	Steps #1 End Level / Landing #1 Start Level	59.620
Height Difference (mm)	12940	2	Steps #2 Start Level / Landing #1 End Level	59.650
Length of Path (mm)	63787	2	Steps #2 End Level / Landing #2 Start Level	60.160
		3	Steps #3 Start Level / Landing #2 End Level	60.191
No. of Steps in each Set	3	3	Steps #3 End Level / Landing #3 Start Level	60.701
No. of Sets of Steps	24	4	Steps #4 Start Level / Landing #3 End Level	60.731
Total No. of Sets of Steps	72	4	Steps #4 End Level / Landing #4 Start Level	61.241
Step Rise (mm)	170	5	Steps #5 Start Level / Landing #4 End Level	61.272
Step Going (mm)	450	5	Steps #5 End Level / Landing #5 Start Level	61.782
Each Stair Total Rise (mm)	510	6	Steps #6 Start Level / Landing #5 End Level	61.812
Each Stair Total Going (Riser to Riser) (mm)	900	6	Steps #6 End Level / Landing #6 Start Level	62.322
		7	Steps #7 Start Level / Landing #6 End Level	62.353
Landing Length (Bottom) (mm)	0	7	Steps #7 End Level / Landing #7 Start Level	62.863
Landing Length (Top) (mm)	0	8	Steps #8 Start Level / Landing #7 End Level	62.893
		8	Steps #8 End Level / Landing #8 Start Level	63.403
All Stairs Total Rise (mm)	12240	9	Steps #9 Start Level / Landing #8 End Level	63.433
All Stairs Total Going (mm)	21600	9	Steps #9 End Level / Landing #9 Start Level	63.943
		10	Steps #10 Start Level / Landing #9 End Level	63.974
Ramps Length minus Steps (mm)	42187	10	Steps #10 End Level / Landing #10 Start Level	64.484
No. of Ramps	23	11	Steps #11 End Level / Landing #10 End Level	64.514
Ramps Total Rise (mm)	700	11	Steps #11 End Level / Landing #11 Start Level	65.024
Ramps Gradient (1 in x)	60.27	12	Steps #12 Start Level / Landing #11 End Level	65.055
Ramps Percent (%)	1.66	12	Steps #12 End Level / Landing #12 Start Level	65.565
Each Ramp Length (mm)	1834	13	Steps #13 Start Level / Landing #12 End Level	65.595
Each Ramp Rise (At 1.66%) (mm)	30	13	Steps #13 End Level / Landing #13 Start Level	66.105
		14	Steps #14 Start Level / Landing #13 End Level	66.136
		14	Steps #14 End Level / Landing #14 Start Level	66.646
		15	Steps #15 Start Level / Landing #14 End Level	66.676
		15	Steps #15 End Level / Landing #15 Start Level	67.186
		16	Steps #16 Start Level / Landing #15 End Level	67.217
		16	Steps #16 End Level / Landing #16 Start Level	67.727
		17	Steps #17 Start Level / Landing #16 End Level	67.757
		17	Steps #17 End Level / Landing #17 Start Level	68.267
		18	Steps #18 Start Level / Landing #17 End Level	68.297
		18	Steps #18 End Level / Landing #18 Start Level	68.807
		19	Steps #19 Start Level / Landing #18 End Level	68.838
		19	Steps #19 End Level / Landing #19 Start Level	69.348
		20	Steps #20 Start Level / Landing #19 End Level	69.378
		20	Steps #20 End Level / Landing #20 Start Level	69.888
		21	Steps #21 Start Level / Landing #20 End Level	69.919
		21	Steps #21 End Level / Landing #21 Start Level	70.429
		22	Steps #22 Start Level / Landing #21 End Level	70.459
		22	Steps #22 End Level / Landing #22 Start Level	70.969
		23	Steps #23 Start Level / Landing #22 End Level	71.000
		23	Steps #23 End Level / Landing #23 Start Level	71.510
		24	Steps #24 Start Level / Landing #23 End Level	71.540
		24	Steps #24 End Level / Landing #24 Start Level	72.050

STAIRS ALONG STEPS SET #2

		Steps	Steps #	Levels
Start Level (mm)	72300	1	Steps #1 Start Level	72.300
End Level (mm)	76520	1	Steps #1 End Level / Landing #1 Start Level	72.810
Height Difference (mm)	4220	2	Steps #2 Start Level / Landing #1 End Level	72.830
Length of Path (mm)	20000	2	Steps #2 End Level / Landing #2 Start Level	73.340
		3	Steps #3 Start Level / Landing #2 End Level	73.360
No. of Steps in each Set	3	3	Steps #3 End Level / Landing #3 Start Level	73.870
No. of Sets of Steps	8	4	Steps #4 Start Level / Landing #3 End Level	73.890
Total No. of Sets of Steps	24	4	Steps #4 End Level / Landing #4 Start Level	74.400
Step Rise (mm)	170	5	Steps #5 Start Level / Landing #4 End Level	74.420
Step Going (mm)	450	5	Steps #5 End Level / Landing #5 Start Level	74.930
Each Stair Total Rise (mm)	510	6	Steps #6 Start Level / Landing #5 End Level	74.950
Each Stair Total Going (Riser to Riser) (mm)	900	6	Steps #6 End Level / Landing #6 Start Level	75.460
		7	Steps #7 Start Level / Landing #6 End Level	75.480
Landing Length (Bottom) (mm)	0	7	Steps #7 End Level / Landing #7 Start Level	75.990
Landing Length (Top) (mm)	0	8	Steps #8 Start Level / Landing #7 End Level	76.010
		8	Steps #8 End Level / Landing #8 Start Level	76.520
All Stairs Total Rise (mm)	4080	9	Steps #9 Start Level / Landing #8 End Level	
All Stairs Total Going (mm)	7200	9	Steps #9 End Level / Landing #9 Start Level	
		10	Steps #10 Start Level / Landing #9 End Level	
Ramps Length minus Steps (mm)	12800	10	Steps #10 End Level / Landing #10 Start Level	
No. of Ramps	7	11	Steps #11 End Level / Landing #10 End Level	
Ramps Total Rise (mm)	140	11	Steps #11 End Level / Landing #11 Start Level	
Ramps Gradient (1 in x)	91.43	12	Steps #12 End Level / Landing #11 End Level	
Ramps Percent (%)	1.09	12	Steps #12 End Level / Landing #12 Start Level	
Each Ramp Length (mm)	1829	13	Steps #13 End Level / Landing #12 End Level	
Each Ramp Rise (At 1.09%) (mm)	20	13	Steps #13 End Level / Landing #13 Start Level	

Original Sheet Size: A1

Drawing Title:

GLEN ROAD TO WOODVIEW LINK - SITE LAYOUT

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ACEI ASSOCIATION OF CONSULTING ENGINEERS OF IRELAND
RIAI Registered Architect 2024

REV NUMBER:	DESCRIPTION:	DRW:	CHK:	DATE:
A	Updated to curved path as per design meetings and RSA	SS	KOR	2024.01.29
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

PROJECT TITLE: Mall Rd & Woodview

STAGE:	5. Tender		
CLIENT/ARCHITECT:	Monaghan County Council		
LOCATION:	Mall Rd & Woodview		
DRAWN BY:	SS	DATE:	2023.07.28
CHECKED BY:	KOR	SCALES:	AS STATED
DRAWING NUMBER:	6258_4.1_22_P3001_A	REVISION:	A

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