



1. ALL EARTHWORKS TO COMPLY WITH NBS SPECIFICATION D20 AND SPECIFICATION FOR HIGHWAY WORKS SERIES 600.
2. THE SURFACE, SUB BASE AND BASE MATERIALS WILL BE SUITABLE FOR THE IRISH CLIMATE WITH SUITABLE DRAINAGE. BMX IRELAND WILL ADVISE ON SUITABLE MATERIALS.
3. JUMP SIDES AND FACES WILL BE SHAPED TO ALLOW RAIN DRAIN OFF THE SIDES AND NOT TO GATHER OR RUN DOWN THE FACES AND CAUSE RAIN EROSION RUTS.
4. BASIC TRACK SHAPE AND LAYOUT WILL BE CRAFTED FROM SUITABLE AVAILABLE FILL SOIL TO ABOUT 94% OF THE REQUIRED FINAL SHAPE. THE BASE MATERIAL SHOULD BE NON-ORGANIC AND GIVE GOOD COMPACTION AND DRAINAGE LEVELS.
5. MATERIALS SHOULD INCLUDE CRUSHED ROCK, LIMESTONE DUST AND TARMAC TO PROVIDE AN ALL-WEATHER FINISH.
6. SMA HILL, TURNS, FINISH AREA AND RETURNS.
7. SMA LANDERS INTO THE TURNS AND UP TO AN INCLUDING TAKE-OFFS OUT OF THE TURNS.
8. MINIMUM 100MM DEEP BASE LAYER OF 1.5" DOWN 803/804 STONE WILL BE APPLIED TO THE ENTIRE TRACK FOR DRAINAGE AND TO PROPERLY SUPPORT THE SMA LAYER AND TOP SURFACE, 4" DOWN CAN BE USED IN AREAS THAT WILL BE TARMACKED. THE STONE LAYER SHOULD BE LAID LEVEL, SHAPED AND WHACKED TO COMPACT AND GIVE A GOOD SEALED SURFACE, AT THIS POINT THE TRACK SHOULD BE SHAPED TO 97% OF THE DESIGN.
9. 100MM DEEP TOP LAYER OF 6MM OR 10MM SMA WILL BE APPLIED HOT AS THE TOP LAYER TO THE START HILL AND BERMS, JUMP LANDERS INTO BERMS AND UP TO AND INCLUDED TAKE OFFS, FINISH LINE AREA AND RETURNS. THE TARMAC WILL BE RACKED LEVEL AND WHACKED.
10. 75MM DEEP TOP LAYER OF A "TO BE SPECIFIED AND AGREED WITH THE CONTRACTOR" 0-6MM "LIMESTONE" DUST APPLIED EVENLY ON THE TRACK WITH A HARDER WEARING 100MM DEEP APPLICATION ON PEAKS AND FACES. THE DUST LAYER SHOULD BE LAID LEVEL, SHAPED AND WHACKED TO COMPACT AND GIVE A GOOD SEALED SURFACE. THE DUST TYPE USED IS KEY TO SUCCESS. THE DUST LAYER SHOULD HAVE A HIGH DUST CONTENT AND CAN BE APPLIED WET OR DRY BUT WILL NEED WATER TO AID COMPACTION, MAY REQUIRE REPEATED WATER AND COMPACTION UNTIL THE SURFACE HARDENS UP. THE DUST CAN BE THE MATERIAL USED ON THE LISBURN TRACK AS THIS SHOULD BE LOCAL AND IS PROVEN TO WORK WELL, CONTACT GS GORDON AND SONS FOR DETAILS. PH.
11. DRAINAGE BETWEEN EACH STRAIGHT, EACH OF THE STRAIGHTS SHOULD BE RAISED TO ALLOW FOR DRAINAGE AND EACH OF THE STRAIGHTS SHOULD BE LOWER THAN THE PREVIOUS ONE TO ALLOW FOR A DOWNHILL FEEL TO THE TRACK. REFER TO DRAINAGE PLAN INCLUDED.
12. INSTALL A DRAIN AT END OF START HILL TARMAC SECTION, AT THE BOMB-HOLE, AT THE FINISH LINE AND ANYWHERE WATER POOLS, PUDDLES ARE NOT ALLOWED.
13. TOPSOIL LAYER 150MM DEEP AND GRASS TO BE APPLIED ON SIDES OF START HILL, BACKSIDE OF BERMS, SIDES OF JUMPS UP TO TOP LEVEL OF JUMPS TO PREVENT EROSION. TOPSOIL TO BE LANDSCAPED AND SEED. LANDSCAPING OF TRACK SITE TO ALLOW SUITABLE ACCESS FOR LAWNMOWERS.
14. START HILL WILL HAVE A CONCRETE PAD AND RECESS SUITABLE FOR PRO START SAFETY GATE SEE CONSTRUCTION DETAILS.
15. SPECTATOR MOUNDS SHOULD BE LEVEL AND SURFACED IN HARD STANDING.
16. DRAINAGE PIPES SHOULD BE PLACED IN DRAINAGE DITCHES AND A CLEAN STONE BACKFILL USED, DITCHES SHOULD BE DUG AFTER THE TRACK IS BUILT TO PREVENT CLOGGING.
17. SURROUNDING AREAS SUCH AS PENS AND FINISH LINE RETURN AREAS PATHS AND SPECTATOR AREAS ETC. SHOULD BE SURFACED WITH 803 WITH HARD STANDING AND WHACKED OR ROLLED.
18. PRO START SAFETY STARTING GATE SYSTEM IS BMX IRELAND PREFERRED SYSTEM AND IN USE AT THE FOLLOWING BMX TRACKS - LUCAN, CORK*2, COURTTOWN, ARMAGH, RATOATH AND SOON TO BE PUT INTO LISBURN. PRICING CAN BE GOT DIRECTLY FROM PROSTART OR THEIR IRISH AGENT RECONCILE ENGINEERING. - INCLUDE, LIGHTS, CONTROL PANEL, ALL REQUIRED DUCTING AND CONDUITS AND TIMING SYSTEM.
19. SUPPLY AND FIT 2X20FT SECURE REINFORCED CONTAINERS FOR OFFICE AND TOOL STORAGE, BOTH WITH ELECTRICAL CONNECTION AND SUPPLY ROOM WITH SECURE DOOR TO HOUSE ELECTRICAL PANEL AND START GATE EQUIPMENT.
20. PROVIDE A SET OF TRACK MAINTENANCE TOOLS, 2 LONG HANDLED FLAT HEAD SHOVELS, 2 STANDARD LONG HANDLE SHOVELS, 2 WHEELBARROWS, 2 STIFF BRISTLE YARD BRUSHES, 2 SPAZZLES AND 2 HEAVY DUTY ROUND TOOTH RAKES. THESE CAN BE LEFT OVER FROM THE TRACK BUILD BUT SHOULD BE IN GOOD CONDITION.
21. ELECTRICAL SUPPLY (WITH METER IF REQUIRED), FUSE BOARD AND SOCKETS AT START HILL AND OUTDOOR SOCKETS AT START AND FINISH LINE. OUTLETS IN BOTH CONTAINERS AND LIGHTING SEE PLANS.
22. WATER SUPPLY WITH RECESSED TAP IN CENTRAL LOCATION, NEAR A DRAIN.
23. ADEQUATE NUMBER OF BINS & PICNIC TABLES.
24. PEDESTRIAN TWIN RAIL FENCE SET AROUND THE PERIMETER OF THE TRACK 3M FROM TRACK SURFACE.
25. GALVANISED BARRIERS DOWN BOTH THE SIDES OF THE ENTRANCE AND EXIT OF THE START HILL, AROUND ALL BERMS.
26. GALVANISED STARTING PENS (TEN X 6M LONG),
27. GALVANISED START AND FINISH LINE GANTRIES.
28. WARNING SIGNS AND POSTS TO BE ERECTED AROUND THE TRACK, PROVIDE 4 SETS OF SIGNS.
29. STARTERS PLATFORM ON OUTSIDE EDGE OF THE START HILL WITH DUCTING FOR STARTERS DEVICE.
30. DUCTING FOR START SYSTEM LIGHTING AT THE END OF THE HILL.
31. TRACK MARKING 100MM WIDE WHITE PAINT AROUND TRACK EDGES.
32. 2M HIGH MESH SPORTS FENCE TO SURROUND THE TRACK PERIMETER AND SPECTATOR AREAS WITH LOCKABLE DOUBLE AND SINGLE DOOR ACCESS POINTS.
33. INFORMATION / SAFETY SIGNAGE TO BE SUPPLIED BY NMDDC

TRACK VISITS AND SIGN-OFF PLAN:

1. DURING STAGE 1 TRACK BUILDING IN BASE MATERIAL TO GIVE ADVICE ON JUMP AND BERM SHAPES AND DEAL WITH ANY ISSUES THAT ARISE.
2. FOLLOWING STAGE 1 BASE LAYER COMPLETE, VISIT TO VERIFY THAT THE JUMP AND BERMS ARE AS THEY SHOULD BE AND TO MAKE ANY CHANGES TO HELP THE BUILD AND IMPROVE THE FLOW OF THE TRACK AND SHAPE THE JUMPS AND BERMS.
3. AFTER THE APPLICATION OF THE STONE LAYER VISIT TO VERIFY THAT THE JUMP AND BERMS ARE AS THEY SHOULD BE AND TO MAKE ANY CHANGES AND TO SHAPE THE JUMPS AND BERMS BEFORE FINAL LAYER IS APPLIED.
4. AFTER THE SURFACE AND TARMAC IS APPLIED VISIT TO TEST AND SIGN OFF THE TRACK.
5. BMX IRELAND WILL BE ONSITE REGULARLY TO OFFER ADVICE

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

IMPORTANT CDM / H & S NOTE
 ANY CONSTRUCTION PERSONNEL INCLUDING OPERATIVES INTENDING TO CONSTRUCT THE DESIGNS SHOWN ON THIS DRAWING SHOULD ENSURE THAT THEY HAVE BEEN THOROUGHLY BRIEFED BY THE PRINCIPAL CONTRACTOR ON ALL HEALTH AND SAFETY MATTERS AND HAVE SIGHT OF:
 (1) THE FULL DESIGNERS AND CONTRACTORS HAZARD AND RISK ASSESSMENTS AND RISK REGISTERS.
 (2) THE DEVELOPED CONSTRUCTION PHASE HEALTH AND SAFETY PLAN
 (3) THE CONTRACTORS CONSTRUCTION METHOD STATEMENTS.

	EXISTING BITMAC SURFACE TO REMAIN. ON COMPLETION OF THE WORKS AREAS TO BE REINSTATED TO MATCH EXISTING WHERE REQUIRED
	SMA HARDSTANDING
	SMA TRACK SURFACE (see note 8 & 9)
	UNBOUND TRACK SURFACE (see note 8 & 10)
	GRASS
	STEEL CONTAINER WITH 200mm OF TYPE 3 STONE SUBBASE (see note 19)
	CONCRETE PATH / START AREA REFER TO CONSTRUCTION DETAILS FOR LOCATION OF JOINTS
	PROPOSED ACO S100 DRAINAGE CHANNEL
	PROPOSED FENCE
	EXISTING FENCE TO REMAIN
	PROPOSED LEVEL
	WATER POINT (WP1-WP4)
	ELECTRIC POINT (EP1-EP5)

REFER TO LANDSCAPE ARCHITECT DRAWING FOR DETAILS OF NEW PLANTING AND RELOCATION OF EXISTING TREES

CERTIFICATION:
 a. UPON COMPLETION TWO CERTIFICATES ARE REQUIRED:
 i.a. BMX IRELAND CERTIFICATE TO SHOW THE TRACK CONFORMS TO THE GUIDELINES AND IS SUITABLE FOR NATIONAL COMPETITIONS.
 ii.b. ROSPA ANNUAL INSPECTION AND CERTIFICATION TO SHOW THE TRACK IS SAFE
 b. THE CLUB WILL ALSO PROVIDE A SAFETY STATEMENT TO BMX IRELAND PRIOR TO OPERATING THE TRACK.
 c. A RISK ASSESSMENT WILL BE CARRIED OUT BY BMX IRELANDS COMMISSARIES PRIOR TO EACH EVENT.

REV	DESCRIPTION	BY	CHK	APP	DATE
CLIENT					
NEWRY, MOURNE AND DOWN DISTRICT COUNCIL					

1 LOCKSLEY BUSINESS PARK
 MONTGOMERY ROAD
 BELFAST
 BT6 9UP

TEL: +44 (0)28 9070 6000
 FAX: +44 (0)28 9070 6050
 e-mail: belfast@wyg.com



Project:
BMX TRACK, NEWRY

Drawing Title:
PROPOSED LAYOUT AND SURFACE FINISHES

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1 : 250		SB	05.03.19	GS	05.03.19	GS	05.03.19
Project No.	Office	Type	Drawing No.	Revision			
A111962-6	36	01		C-101			