Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

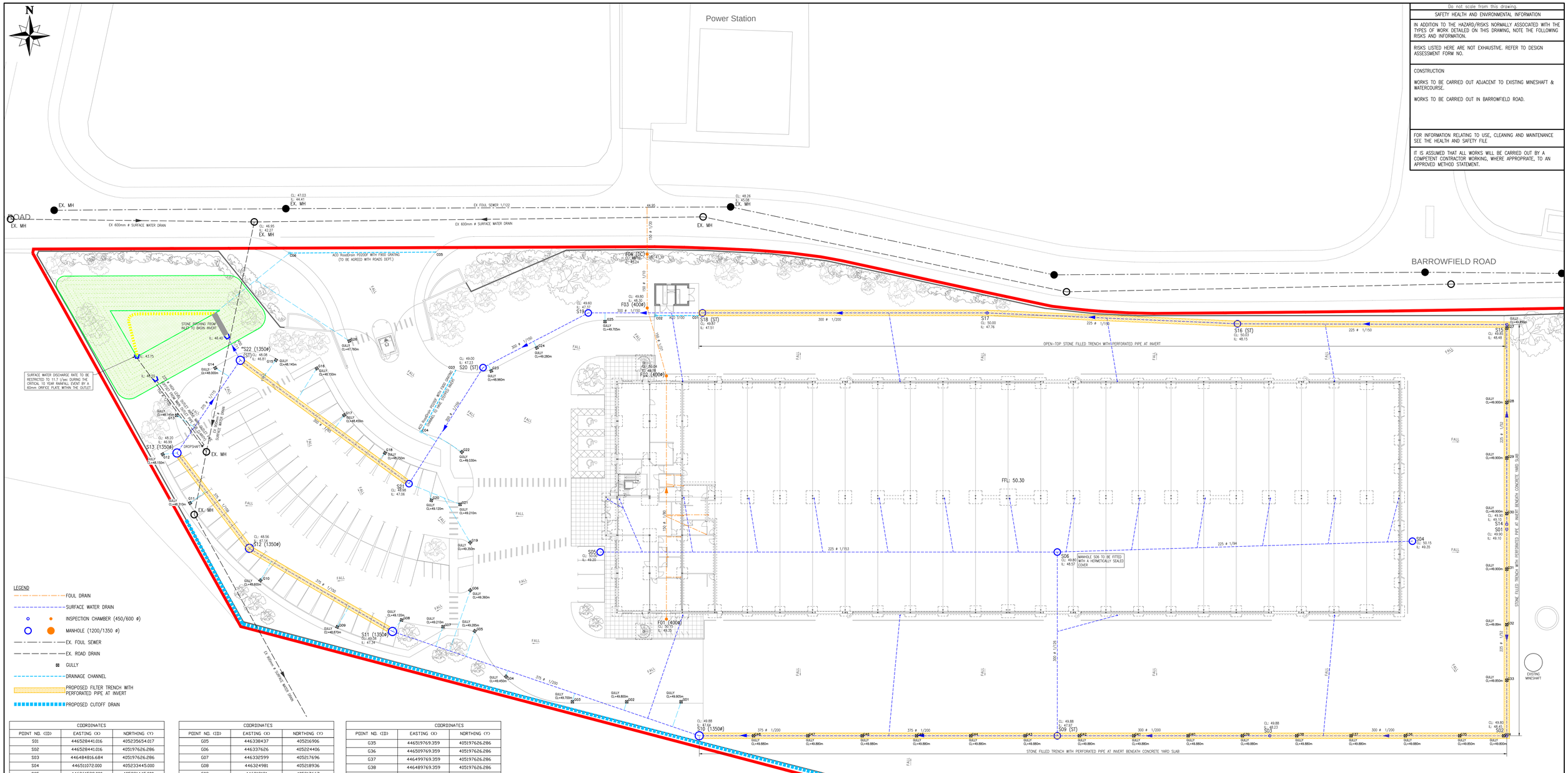
CONSTRUCTION

WORKS TO BE CARRIED OUT ADJACENT TO EXISTING MINESHAFT & WATERCOURSE.

WORKS TO BE CARRIED OUT IN BARROWFIELD ROAD.

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.



LEGEND

- FOUL DRAIN
- SURFACE WATER DRAIN
- INSPECTION CHAMBER (450/600 ø)
- MANHOLE (1200/1350 ø)
- EX. FOUL SEWER
- EX. ROAD DRAIN
- GULLY
- DRAINAGE CHANNEL
- PROPOSED FILTER TRENCH WITH PERFORATED PIPE AT INVERT
- PROPOSED CUTOFF DRAIN

COORDINATES		
POINT NO. (ID)	EASTING (X)	NORTHING (Y)
S01	446528441.016	405235654.017
S02	446528441.016	405197626.286
S03	446484816.684	405197626.286
S04	446511072.000	405233445.000
S05	446361529.000	405231445.000
S06	446445690.000	405231445.000
S09	446445689.816	405197626.286
S10	446379769.359	405197626.286
S11	446323297.586	405216827.91
S12	446296960.468	405232133.246
S13	446283623.089	405249680.151
S14	446528441.016	405236581.75
S15	446528441.016	405273303.897
S16	446478859.376	405273462.929
S17	446432766.221	405275462.986
S18	446380375.45	405275462.986
S19	446359338.628	405275463.672
S20	446339969.775	405265391.185
S21	446326337.105	405244027.822
S22	446295287.102	405266737.543
S23	446276831.806	405257767.149
F01	446373732.816	405219101.189
F02	446373732.816	405263864.67
F03	446370194.919	405276373.886
F04	446370194.043	405286260.47
G01	446376424	405203876
G02	446366424	405203876
G03	446356424	405203876
G04	446344202	405208519

COORDINATES		
POINT NO. (ID)	EASTING (X)	NORTHING (Y)
G05	446338437	405216906
G06	446337626	405224406
G07	446332599	405217696
G08	446324981	405218936
G09	446313131	405217667
G10	446298991	405226221
G11	446286035	405240462
G12	446280987	405249440
G13	446283575	405256617
G14	446290686	405265317
G15	446301826	405266776
G16	446309354	405265243
G17	446314403	405256640
G18	446321905	405249676
G19	446337613	405233193
G20	446330459	405240968
G21	446335738	405240216
G22	446336072	405249871
G23	446341489	405264786
G24	446349862	405269037
G25	446362424	405273863
G26	446315350	405270307
G27	446528441.016	405272670.018
G28	446528441.016	405258973.256
G29	446528441.016	405248748.761
G30	446528441.016	405238524.266
G31	446528441.016	405228299.771
G32	446528441.016	405218075.276
G33	446528441.016	405207850.781
G34	446527879.066	405197626.286

COORDINATES		
POINT NO. (ID)	EASTING (X)	NORTHING (Y)
G35	446519769.359	405197626.286
G36	446509769.359	405197626.286
G37	446499769.359	405197626.286
G38	446489769.359	405197626.286
G39	446479769.359	405197626.286
G40	446469769.359	405197626.286
G41	446459769.359	405197626.286
G42	446449769.359	405197626.286
G43	446439769.359	405197626.286
G44	446429769.359	405197626.286
G45	446419769.359	405197626.286
G46	446409769.359	405197626.286
G47	446399769.359	405197626.286
G48	446389769.359	405197626.286
C01	446379704.214	405274962.986
C02	446371729.214	405274962.986
C03	446334960.52	405264913.359
C04	446328586.25	405253584.29
C05	446331316.562	405286664.555
C06	446304318.03	405286478.731

Rev.	Date	Description	Drawn	Checked	Approved
H	30/03/17	BASIN OUTLET UPDATED, DRAINAGE LEVELS UPDATED.	AG	KT	ASK
G	24/03/17	INTERNAL SURFACE WATER DRAINAGE UPDATED. ADDITIONAL GULLEYS ADDED, BASIN INLET UPDATED.	AG	KT	ASK
F	22/03/17	GULLY LEVELS ADDED AND CO-ORDINATES UPDATED.	CD	ASK	ASK
E	21/03/17	EXISTING SW DRAINAGE UPDATED AS PER INFO RECEIVED FROM THE COUNCIL. PROPOSED SW DISCHARGE UPDATED TO SUIT.	CD	ASK	ASK
D	10/03/17	SURFACE WATER LINE LOWERED TO SUIT RWPS	AG	KT	
C	25/02/17	SETTING OUT COORDINATES ADDED.	AG	KT	
B	16/02/17	DRAINAGE LAYOUT GENERALLY UPDATED.	AG	KT	
A	12/01/17	DRAWING UPDATED AS PER NEW SITE LEVELS.	AG	KT	

Notes:

1. 150mm diameter sewer connections to be:–

   PVC Structured Wall Gravity Sewer Pipes with manufacturer's flexible joints and comply with the relevant provisions of BS EN 1401–1 (Stiffness Classification SN8) and WIS 4–35–01.
   or
   Vitrified Clay pipes with manufacturer's flexible joints and comply with the relevant requirements of BS EN 295.
2. All other pipes to be PVC Plain Wall with manufacturer's flexible joints and comply with the relevant provisions of BS EN 1401–1 (Stiffness Classification SN4).
3. All access points and chambers to be in accordance with the relevant provisions of BS EN 752:2008. Disconnection and inspection chambers to have lockable covers.
4. Precast concrete chambers to be in accordance with Table NA.22 of BS EN 752:2008.

INSPECTION CHAMBERS & MANHOLES

- ALL INSPECTION CHAMBERS LOCATED WITHIN TRAFFICABLE AREAS ARE TO BE FITTED WITH A HEAVY DUTY CHAMBER COVER.
- ALL MANHOLE OR INSPECTION CHAMBER COVERS ARE TO BE ORIENTATED PERPENDICULAR TO THE KERB LINES OR BUILDING LINES. WHERE COVERS ARE LOCATED WITHIN AREAS OF HARD, SQUARE OR RECTANGULAR COVERS ARE TO BE USED, ROUND COVERS ARE TO ONLY BE INSTALLED WITHIN AREAS OF SOFT LANDSCAPING
- ALL INSPECTION CHAMBERS TO BE 600ø UNO
- ALL PRECAST MANHOLES TO BE 1200ø UNO

Client: BALMORAL
www.balmoral-group.com

Project Title: HICKLETON COLLIERY SITE, THURNSCOE, BARNSLEY, SOUTH YORKSHIRE

Drawing Title: DRAINAGE LAYOUT

FAIRHURST
85 Queens Road, ABERDEEN, AB15 4YQ
Tel: 01224 321 222 Fax: 01224 323 201

Scale at A0:	Status:
1:250	For Approval

Drawn:	Checked:	Approved:
AG	KM	ASK
Date: 15/12/16	Date: 15/12/16	Date: 15/12/16

Drawing No.: 116641/2001 Revision: H