DO NOT SCALE FROM THIS DRAWING

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BIM MODEL M-BAR-1F4TS0-CB00-BIM-000003-Structure.rvt

DRAWING LIST SHEET 5

DRAWING NUMBER		DRAWING NAME				
M-BAR-1F4TS0-CB00-EDR-	320000	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	TYPICAL DETAILS
M-BAR-1F4TS0-CB00-EDR-	320101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	B01 - TOP SLAB - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	B01 - TOP SLAB - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	320103	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	B01 - TOP SLAB - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	320151	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT ELEVATION	B01 - TOP SLAB - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320152	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT ELEVATION	B01 - TOP SLAB - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	320201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	B02 UPPER CONCOURSE SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320401	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	B04 CONCOURSE SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320402	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	B04 CONCOURSE SHEET 2
M-BAR-1F4TS0-CB00-EDR-	320501	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	P05 LINE 1 PLATFORM SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320502	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	P05 LINE 1 PLATFORM SHEET 2
M-BAR-1F4TS0-CB00-EDR-	320601	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	B06 LINE 1 TRACK LEVEL SHEET 1
M-BAR-1F4TS0-CB00-EDR-	320602	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	B06 LINE 1 TRACK LEVEL SHEET 2
M-BAR-1F4TS0-CB00-EDR-	320701	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	P07 LINE 5 PLATFORM SHEET 1
M-BAR-1F4TS0-CB00-EDR-	321000	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT BEAMS	WALING BEAM TYPICAL DETAILS
M-BAR-1F4TS0-CB00-EDR-	321101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	321102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	321103	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	321104	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 4
M-BAR-1F4TS0-CB00-EDR-	321105	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 5
M-BAR-1F4TS0-CB00-EDR-	321106	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 6
M-BAR-1F4TS0-CB00-EDR-	321107	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F01 - LEVEL ONE - SHEET 7
M-BAR-1F4TS0-CB00-EDR-	321201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F02 - LEVEL TWO - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	321202	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F02 - LEVEL TWO - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	321203	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F02 - LEVEL TWO - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	321204	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F02 - LEVEL TWO - SHEET 4
M-BAR-1F4TS0-CB00-EDR-	321301	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F03 - LEVEL THREE - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	321302	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F03 - LEVEL THREE - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	321303	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F03 - LEVEL THREE - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	321304	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	F03 - LEVEL THREE - SHEET 4
M-BAR-1F4TS0-CB00-EDR-	321401	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	R04 - ROOF - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	321402	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	R04 - ROOF - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	321403	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	R04 - ROOF - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	321404	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	BEAM REINFORCEMENT DETAILS	R04 - ROOF - SHEET 4
32 BEAMS: 34						
M-BAR-1F4TS0-CB00-EDR-	330001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	KEY PLAN - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	330002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	KEY PLAN - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	330003	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	KEY PLAN - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	330004	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	TYPICAL DETAILS SHEET 1
M-BAR-1F4TS0-CB00-EDR-	330005	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	TYPICAL DETAILS SHEET 2
M-BAR-1F4TS0-CB00-EDR-	330006	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	TYPICAL DETAILS SHEET 3
M-BAR-1F4TS0-CB00-EDR-	330051	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	COLUMN STARTER BARS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	330052	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	COLUMN STARTER BARS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	330053	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	COLUMN STARTER BARS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	330101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	G00 - GROUND - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	330201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	B01 - TOP SLAB - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	330401	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B04 CONCOURSE
M-BAR-1F4TS0-CB00-EDR-	330402	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B04 CONCOURSE - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	330601	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B06 LINE 1 TRACK LEVEL
M-BAR-1F4TS0-CB00-EDR-	330602	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B06 LINE 1 TRACK LEVEL - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	330801	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B08 LINE 5 BASE SLAB
M-BAR-1F4TS0-CB00-EDR-	330802	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMN	B08 LINE 5 BASE SLAB - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	331101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	F01 - LEVEL ONE - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	331201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	F02 - LEVEL TWO - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	331301	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT COLUMNS	F03 - LEVEL THREE - SHEET 1
33 RC COLUMNS: 20						
M-BAR-1F4TS0-CB00-EDR-	340000	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	TYPICAL WALL R.C. DETAILS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	340001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	340002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	340003	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	340004	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	340005	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 5
M-BAR-1F4TS0-CB00-EDR-	340006	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 6
M-BAR-1F4TS0-CB00-EDR-	340007	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 7
M-BAR-1F4TS0-CB00-EDR-	340008	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 8
M-BAR-1F4TS0-CB00-EDR-	340009	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 9
M-BAR-1F4TS0-CB00-EDR-	340010	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 10
M-BAR-1F4TS0-CB00-EDR-	340011	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 11
M-BAR-1F4TS0-CB00-EDR-	340012	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 12
M-BAR-1F4TS0-CB00-EDR-	340013	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 13
M-BAR-1F4TS0-CB00-EDR-	340014	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 14
M-BAR-1F4TS0-CB00-EDR-	340015	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 15
M-BAR-1F4TS0-CB00-EDR-	340016	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 16
M-BAR-1F4TS0-CB00-EDR-	340017	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 17
M-BAR-1F4TS0-CB00-EDR-	340018	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 18
M-BAR-1F4TS0-CB00-EDR-	340019	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	EXTERNAL WALLS	RC DETAILS - SHEET 19
M-BAR-1F4TS0-CB00-EDR-	340020	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	EXTERNAL WALLS	RC DETAILS - SHEET 20
M-BAR-1F4TS0-CB00-EDR-	340021	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEET 21
M-BAR-1F4TS0-CB00-EDR-	340025	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT HEAD WALL	BORED TUNNEL INTERFACE DETAILS
M-BAR-1F4TS0-CB00-EDR-	340051	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	EXTERNAL WALL STARTER BARS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	340052	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	EXTERNAL WALL STARTER BARS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	340053	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	EXTERNAL WALL STARTER BARS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	340101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	340102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	340103	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	340104	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 4
M-BAR-1F4TS0-CB00-EDR-	340105	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 5
M-BAR-1F4TS0-CB00-EDR-	340106	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 6
M-BAR-1F4TS0-CB00-EDR-	340107	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 7
M-BAR-1F4TS0-CB00-EDR-	340108	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 8
M-BAR-1F4TS0-CB00-EDR-	340109	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 9
M-BAR-1F4TS0-CB00-EDR-	340110	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 10
M-BAR-1F4TS0-CB00-EDR-	340111	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 11
M-BAR-1F4TS0-CB00-EDR-	340112	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 12
M-BAR-1F4TS0-CB00-EDR-	340113	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 13
M-BAR-1F4TS0-CB00-EDR-	340114	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 14
M-BAR-1F4TS0-CB00-EDR-	340115	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 15
M-BAR-1F4TS0-CB00-EDR-	340116	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 16
M-BAR-1F4TS0-CB00-EDR-	340117	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 17
M-BAR-1F4TS0-CB00-EDR-	340118	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 18
M-BAR-1F4TS0-CB00-EDR-	340119	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 19
M-BAR-1F4TS0-CB00-EDR-	340120	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 20
M-BAR-1F4TS0-CB00-EDR-	340121	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT EXTERNAL WALLS	SHEAR DETAILS - SHEET 21
34 RC SUBSTRUCTURE WALL ELEVATIONS: 47						

DRAWING LIST SHEET 5

DRAWING NUMBER		DRAWING NAME				
M-BAR-1F4TS0-CB00-EDR-	345000	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT INTERNAL WALL	TYPICAL DETAILS
M-BAR-1F4TS0-CB00-EDR-	345001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	345002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	345003	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	345004	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	345005	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 5
M-BAR-1F4TS0-CB00-EDR-	345006	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 6
M-BAR-1F4TS0-CB00-EDR-	345007	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 7
M-BAR-1F4TS0-CB00-EDR-	345008	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 8
M-BAR-1F4TS0-CB00-EDR-	345009	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 9
M-BAR-1F4TS0-CB00-EDR-	345010	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 10
M-BAR-1F4TS0-CB00-EDR-	345011	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 11
M-BAR-1F4TS0-CB00-EDR-	345012	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 12
M-BAR-1F4TS0-CB00-EDR-	345013	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 13
M-BAR-1F4TS0-CB00-EDR-	345014	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 14
M-BAR-1F4TS0-CB00-EDR-	345015	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 15
M-BAR-1F4TS0-CB00-EDR-	345016	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 16
M-BAR-1F4TS0-CB00-EDR-	345017	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 17
M-BAR-1F4TS0-CB00-EDR-	345018	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 18
M-BAR-1F4TS0-CB00-EDR-	345019	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEET 19
M-BAR-1F4TS0-CB00-EDR-	345021	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	345022	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	345023	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	345024	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	345025	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 5
M-BAR-1F4TS0-CB00-EDR-	345026	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 6
M-BAR-1F4TS0-CB00-EDR-	345027	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 7
M-BAR-1F4TS0-CB00-EDR-	345028	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 8
M-BAR-1F4TS0-CB00-EDR-	345029	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 9
M-BAR-1F4TS0-CB00-EDR-	345030	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 10
M-BAR-1F4TS0-CB00-EDR-	345031	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 11
M-BAR-1F4TS0-CB00-EDR-	345032	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L1 INT. WALL	SHEET 12
M-BAR-1F4TS0-CB00-EDR-	345041	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT INTERNAL WALL	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	345042	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT INTERNAL WALL	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	345043	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT INTERNAL WALL	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	345044	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT INTERNAL WALL	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	345051	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	INTERNAL WALL STARTER BARS B04	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	345052	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	INTERNAL WALL STARTER BARS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	345053	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	INTERNAL WALL STARTER BARS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	345101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEAR REINF. DETAILS - SHEET 1
M-BAR-1F4TS0-CB00-EDR-	345102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEAR REINF. DETAILS - SHEET 2
M-BAR-1F4TS0-CB00-EDR-	345103	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEAR REINF. DETAILS - SHEET 3
M-BAR-1F4TS0-CB00-EDR-	345104	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT L5 INT. WALL	SHEAR REINF. DETAILS - SHEET 4
34.5 RC SUBSTRUCTURE WALL ELEVATIONS internal: 43						
M-BAR-1F4TS0-CB00-EDR-	350001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	350002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	350003	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	350004	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	350005	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 5
M-BAR-1F4TS0-CB00-EDR-	350006	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 6
M-BAR-1F4TS0-CB00-EDR-	350007	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 7
M-BAR-1F4TS0-CB00-EDR-	350008	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 8
M-BAR-1F4TS0-CB00-EDR-	350009	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 9
M-BAR-1F4TS0-CB00-EDR-	350010	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 10
M-BAR-1F4TS0-CB00-EDR-	350011	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 11
M-BAR-1F4TS0-CB00-EDR-	350012	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINF. SUPERSTRUCTURE WALLS	SHEET 12
M-BAR-1F4TS0-CB00-EDR-	350100	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT PLENUM WALLS	G00 - GROUND
M-BAR-1F4TS0-CB00-EDR-	350101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT PLENUM WALLS	F01 - LEVEL ONE
M-BAR-1F4TS0-CB00-EDR-	350102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT PLENUM WALLS	F02 - LEVEL TWO
M-BAR-1F4TS0-CB00-EDR-	350103	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT PLENUM WALLS	F03 - LEVEL THREE
M-BAR-1F4TS0-CB00-EDR-	350104	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT RISER WALLS	R04 - ROOF
35 REINFORCEMENT - WALLS (SUPERSTRUCTURE): 17						
M-BAR-1F4TS0-CB00-EDR-	390001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	390002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	390003	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 3
M-BAR-1F4TS0-CB00-EDR-	390004	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 4
M-BAR-1F4TS0-CB00-EDR-	390005	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 5
M-BAR-1F4TS0-CB00-EDR-	390006	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 6
M-BAR-1F4TS0-CB00-EDR-	390007	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT B01 WALLS	SHEET 7
39 REINFORCEMENT - B01-00 GFL WALLS: 7						
M-BAR-1F4TS0-CB00-EDR-	405101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 51	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405102	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 51	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	405201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 52	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405301	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 53	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405401	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 54	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405501	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 55	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405601	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 56	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405701	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 57	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405801	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 58	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405901	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 59	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	405902	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 59	SHEET 2
M-BAR-1F4TS0-CB00-EDR-	406001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 60	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	406101	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 61	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	406201	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 62	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	406301	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIRCORE 63	SHEET 1
M-BAR-1F4TS0-CB00-EDR-	430001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	RC IN-SITU STAIR LANDING	REINFORCEMENT DETAILS SHEET 1
M-BAR-1F4TS0-CB00-EDR-	430002	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT	IN-SITU LANDING SHEET 2
M-BAR-1F4TS0-CB00-EDR-	430011	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT	FOH IN-SITU LANDING SHEET 1
M-BAR-1F4TS0-CB00-EDR-	430012	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT	FOH IN-SITU LANDING SHEET 2
M-BAR-1F4TS0-CB00-EDR-	430015	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT	FOH IN-SITU STAIR ST05
M-BAR-1F4TS0-CB00-EDR-	430016	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	REINFORCEMENT STAIR ST05	ESCALATOR CRASH DECK
40 REINFORCEMENT - STAIRCORE: 21						
M-BAR-1F4TS0-CB00-EDR-	541001	DEEP UNDERGROUND STATION	LINE 1 - TRANSFER STATION 1F4	STRUCTURE	CRANE ANCHORAGE SETTING OUT	SHEET 1
54 STATION DETAILS: 1						
Grand total: 190						

INDEX DRAWING 000009

REVISIONS

No	Date	Description	Drawn	Checked	Approved
000	09/02/2018	ISSUED FOR CONSTRUCTION	ET	SX	JB
001	23/03/2018	ISSUED FOR CONSTRUCTION	ET	SX	JB

PROJECT

قطار الرياض
riyadh metro

CLIENT

الهيئة العليا لتطوير مدينة الرياض

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BACS APPROVAL

BACS
SIEMENS
Robert Scott
Consortium for Riyadh Metro Project

This drawing has been Approved and Certified as acceptable on behalf of the BACS Consortium.

LEAD DESIGN ENTITY (LDE)

APPROVED BY LDE
NAME
DATE

SCALE

PAPER SIZE A1

DRAWING STATUS
ISSUED FOR CONSTRUCTION

CONSULTANT / SUB-CONTRACTOR
ARUP

DRAWING TITLE
DEEP UNDERGROUND STATION
LINE 1 - TRANSFER STATION 1F4
STRUCTURE
DRAWING LIST
SHEET 5

DRAWN BY	CHECKED BY	APPROVED BY
NAME E.TODOROVA	NAME S. XU	NAME J.BATCHELOR
DATE 23/03/2018	DATE 23/03/2018	DATE 23/03/2018

DRAWING NUMBER
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REVISION
001

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