PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

REFERENCE DRAWING

Contract Reference No.	Sheet No.
SH35-8-REF-1	061

Y N/CONCOURSE

REVISIONS			
1	C.O.	ADD DETAIL CALLOUTS	98/05/11
2	C.O.	CONSTRUCTION HOARDING REVISIONS	98/05/27
3	C.O.	LAVATORIES, VENT & ELR DRAWS. REVISED CALLOUT ADDED	98/08/13
4	C.O.	BATTERY CONTROL UNITS ADDED MONORAIL RELOCATED	98/09/16

REVISIONS			
5	C.O.	F.I.* 097 ELEV. LOBBY RM 225 CORRIDOR WIDTH MOD.	99/06/21
6	C.O.	PLUMBING FIXTURES REVISIONS	99/10/22
7	C.O.	WASHROOM ALTERATIONS	99/12/03
8	C.O.	F.I.*133,201,252,327,354 CD *886,976 RECORD DRAWING	03/11/28

CONSTRUCTION RECORD DRAWING
Issued for Information Only
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	C. Saieva / S. Looder	96/03/08
CHECKED	F. Panici	96/03/08
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE EXISTING N/CONCOURSE NORTH PLAN

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-055 REV. No. 8 SHEET 283

DRAWING No. SH-51-11-A-055 SHEET No. 283 FILE 11A055

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

PLAN 1:50

LEGEND
A - SOAP DISPENSER
B - TOILET PAPER DISPENSER
C - FEMININE NAPKIN DISPENSER
D - MIRROR (BARRIER FREE & VANDAL RESISTANT)
E - VANITY SHELF
F - PAPER TOWEL DISPENSER
G - FEMININE NAPKIN DISPOSAL
H - WASTE RECEPTACLE
J - GRAB BAR
K - HAND DRYER
L - LAVATORY (BARRIR FREE)
M - JANITOR'S SINK
N - S.ST. HATCH

NOTE:
ALL INTERIOR DIMENSIONS ARE SHOWN TO FACE OF MASONRY WALL.

DOORS 205 & 207 ALWAYS HELD OPEN; LOCKED FOR CLEANING

ELEVATION 1:50

ELEVATION 1:50

ELEVATION 1:50

ELEVATION 1:50

ELEVATION 1:50

ELEVATION 1:50

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-2	062

REVISIONS			REVISIONS		
1	C.O. 98/08/13	LAVATORIES REVISED FLOOR DRAIN REVISED	5	C.O. 00/05/08	F.I.• 234,265 COLLECTOR'S BOOTH REVISIONS
2	C.O. 98/09/16	BATTERY CONTROL UNITS ADDED, ACCESS PANELS DELETED	6	C.O. 03/11/28	F.I.•354,365 RECORD DRAWING
3	C.O. 99/10/12	F.I.•201 PLUMBING FIXTURES REVISIONS		C.O. / /	
4	C.O. 99/12/03	WASHROOM ALTERATIONS		C.O. / /	

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DRAWN	S. Loader	96/12/01
CHECKED	F. Panici	96/12/01
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 0 1 2m 1:50

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE EXISTING N-CONCOURSE PLAN / DETAILS

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-064 REV. No. 6 SHEET 291

DRAWING No. SH-51-11-A-064 SHEET No. 291 FILE 11A064 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

TYPICAL NOTE
REFER TO DWG. KA.009 FOR REFLECTED CLG. PLAN LEGEND

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-3	063

Y N/CONCOURSE

REVISIONS		
1	C.O. 03/11/28	FI*133,154,507 RECORD DRAWING
	C.O. / /	
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	M.KARASTOJANOV	96/03/08
CHECKED	F.PANICI	96/03/08
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE EXISTING N/CONCOURSE NORTH REFLECTED CEILING PLAN

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-072 REV. No. 1 SHEET 303

DRAWING No. SH-51-11-A-072 SHEET No. 303 FILE 11A072 BLDG. REF. No.

PLOT DATE: •DATE CADD FILE NAME: •DGN 1:100 @ FULL SCALE

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-4	064

Y N/CONCOURSE

REVISIONS	
1 c.o. RECORD DRAWING	
03/11/28	
c.o.	
/ /	
c.o.	
/ /	
c.o.	
/ /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	S. Loader	96/03/08
CHECKED	F. Panici	96/03/08
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE EXISTING N/CONCOURSE NORTH FLOOR PATTERN

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-A-137	1	356

DRAWING No. SH-51-11-A-055 SHEET No. 356 FILE 11A055 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

REFLECTED CEILING PLAN
1:25
1 A072

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-5	065

PLAN
1:25
2 A055, A064

REVISIONS		
1	C.O. 99/12/03	WASHROOM ALTERATIONS
2	C.O. 00/05/08	COLLECTOR'S BOOTH REVISIONS
3	C.O. 03/11/28	FL*385 RECORD DRAWING
	C.O. / /	

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DRAWN	F.Panici M.Korostojanov	96/12/18
CHECKED	F.Panici	96/12/18
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 0 .5 1m 1:25

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
STD DETAILS/SCHEDULES/MISC
NORTH CONCOURSE COLLECTOR'S BOOTH

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-291 REV. No. 3 SHEET 448

DRAWING No. SH-51-11-A-291 SHEET No. 448 FILE 11A291 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

*PLOTTER
*PEN_SPEC
*PRF_SPEC
*LEVELS
*USER

*REF06
*REF07
*REF08
*REF09
*REF10

*REF01
*REF02
*REF03
*REF04
*REF05

BLDG. REF. No.

SHEET No. 186 FILE 11KA009

DRAWING No. SH-51-11-KA-009

WALL TYPES

TYPE		CONSTRUCTION
WT-1A	90	90 CONCRETE BLOCK FLOOR TO U/S STRUCTURE
WT-1	190	190 CONCRETE BLOCK FLOOR TO U/S STRUCTURE
WT-1R	190	190 CONCRETE BLOCK FLOOR TO U/S STRUCTURE REINFORCED PER DET 7/A268/426
WT-2	240	240 CONCRETE BLOCK FLOOR TO U/S STRUCTURE
WT-3	290	290 CONCRETE BLOCK FLOOR TO U/S STRUCTURE
WT-4	140	POURED STRUCTURAL CONCRETE 35 AIR SPACE (DRAINAGE GAP) 90 SOLID BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 5/A276
WT-5	100	POURED STRUCTURAL CONCRETE 35 AIR SPACE (DRAINAGE GAP) 40 SOLID BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 5/A276 NOTE: 64mm THICK CONCRETE BLOCK MAY BE SUBSTITUTED FOR 40mm BLOCK PROVIDED THE AIR SPACE BETWEEN THE BLOCK AND CONCRETE BACKUP IS MAINTAINED AND VERIFIED CLEAR OF MORTAR DROPPINGS.

WALL TYPES

TYPE		CONSTRUCTION
WT-6 WT-6A	25	140 CONCRETE BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 1/A276 AS WT-6 WITH CT FINISH ON BOTH SIDES
WT-7 WT-7A	25	190 CONCRETE BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 1/A276 SIM. AS WT-7 WITH CT FINISH ON BOTH SIDES
WT-7R	25	190 CONCRETE BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 1/A276 SIM. REINFORCED PER 7/A281
WT-8	25	240 CONCRETE BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH (PLATFORM SIDE) BASE DETAIL 1/A276 SIM.
WT-9 WT-9A	25	POURED STRUCTURAL CONCRETE LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 1/A276 SIM. 9A - SAME DELETED
WT-10	25	EXISTING STRUCTURAL CONCRETE LEVELING COAT WITH THINSET ADHESIVE CT FINISH BASE DETAIL 1/A276 SIM.
WT-11 WT-11A	25	90 CONCRETE BLOCK LEVELING COAT WITH THINSET ADHESIVE CT FINISH AS WT-11 WITH CT FINISH ON BOTH SIDES

WALL TYPES

TYPE		CONSTRUCTION
WT-12	25	EXISTING CONCRETE BLOCK WALL LEVELING COAT WITH THINSET ADHESIVE CT FINISH
WT-13	190 40	EXISTING GLAZED BLOCK LEVELING BED WITH THINSET ADHESIVE METAL LATH & SCRATCH COAT CT FINISH
WT-13A	190 40	NEW CONC. BLOCK WALL LEVELING BED WITH THINSET ADHESIVE METAL LATH & SCRATCH COAT CT FINISH
WT-14	25	190 CONCRETE BLOCK 25 ZONE OF S.ST. FIN-1 CLADDING
WT-15	25	POURED STRUCTURAL CONCRETE 25 ZONE OF S.ST. FIN-1 CLADDING
WT-16	200 70 65	POURED STRUCTURAL CONCRETE WATER REPELLENT COATING 70 CAVITY 65 LIMESTONE CLADDING
WT-17	190 80 65	190 CONCRETE BLOCK WATER REPELLENT COATING 80 CAVITY 65 LIMESTONE CLADDING

LEGEND

- EXPOSED CONC. BEAM
- EXPOSED STRUCTURE
- CEMENT BOARD
- SHEPPARD LINE LINEAR METAL CEILING (METAL-1)
- YONGE LINE LINEAR METAL CEILING (METAL-2)
- YONGE LINE EXISTING LINEAR METAL CEILING
- COMPOSITE METAL PANEL
- SIGNAGE
- SNE 43 — SIGNAGE TAG
- 4 — TEMPORARY CONSTRUCTION SIGNAGE TAG
- FLUORESCENT LIGHT FIXTURE
- INCANDESCENT LIGHT
- EMERGENCY LIGHTS
- EXHAUST AIR GRILLE
- SUPPLY AIR DIFFUSER
- SPRINKLER HEAD
- PA — PA SPEAKER
- CC — CCTV
- FUTURE CCTV

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-6	066

REVISIONS		
1	C.O. 98/12/09	WALL TYPES ADDED
2	C.O. 03/11/28	FI*309 RECORD DRAWING
	C.O. / /	
	C.O. / /	

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DRAWN	C.Saieva	98/01/21
CHECKED	F.Panici	98/01/21
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 0 100 200 300 400mm 1:10

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

LEGEND/SYMBOLS/WALL TYPES

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-KA-009 REV. No. 2 SHEET 186

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

NORTH CONCOURSE WASHROOMS
1:50
1 A137

COLLECTOR'S BOOTH, NORTH CONCOURSE
1:50
2 A137

COLLECTOR'S BOOTH, WEST CONCOURSE
1:50
3 A139

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-7	067

DRAWING No. SH-51-11-A-140 SHEET No. 359 FILE 11A140 BLDG. REF. No.

REVISIONS

1	C.O.	00/05/08	F.L.# 233 COLLECTOR'S BOOTH REVISIONS
2	C.O.	03/11/28	FL#529 RECORD DRAWING
	C.O.	/ /	
	C.O.	/ /	

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DRAWN	S. Loodar	96/12/01
CHECKED	F. Panici	96/12/01
CORRECT	B. TURKEWITSCH	06/01/27
SCALE	AS SHOWN	

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE N/C & SHEPPARD W/C
FLOOR PATTERN PLAN DETAILS

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-140 REV. No. 2 SHEET 359

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

NOTE:
PROTECTED ROUTE BEGINS AT PENETRATION THROUGH STRUCTURE AT ALL STAIR AND ESCALATOR LOCATIONS

LEGEND

- 1 HOUR RATING
- 2 HOUR RATING
- SHEPPARD LINE & YONGE LINE PROTECTED ROUTE
- SPRINKLERED AREA

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-8	068

Y Key

DRAWING No. SH-51-11-FA-003 SHEET No. 224 FILE 11FA003 BLDG. REF. No.

REVISIONS		
1	C.O.	F.I.* 149, FIRE DAMPERS/SEPARATIONS
	99/09/10	BLDG PERMIT COMMENT
2	C.O.	RECORD DRAWING
	03/11/28	
	C.O.	
	/ /	
	C.O.	
	/ /	

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DRAWN	F.Panici, C.Solevo	97/01/29
CHECKED	F.Panici	97/01/29
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:200

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

FIRE SEPARATIONS
YONGE LINE EXISTING N/CONCOURSE N/TUNNEL

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-FA-003 REV. No. 2 SHEET 224

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

SECTION 1 / A160, A298
1:100

REFERENCE DRAWING	
Contract/Reference No.	Sheet No.
SH35-8-REF-9	069

Y Key Section

REVISIONS		
1	C.O. 98/06/12	DAMPER LOCATIONS REVISED
2	C.O. 03/11/28	RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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DRAWN	B. GERSTMAR	97/07/16
CHECKED	F. PANICI	97/07/16
CORRECT	B. TURKEWITSCH	06/01/27

SCALE 1:100 @ FULL SCALE 0 1 2 3 4m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE EXISTING
N/S SECTION LOOKING WEST

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-A-174 REV. No. 2 SHEET 386

DRAWING No. SH-51-11-A-174 SHEET No. 386 FILE 11A174 BLDG. REF. No.

PLOT DATE: •DATE CADD FILE NAME: •DGN

1:100 @ FULL SCALE

PLAN – NORTH CONCOURSE FARE SEPARATION

SCALE 1:50

(1 / A055)

ELEVATION – NORTH CONCOURSE FARE SEPARATION

SCALE 1:50

(2)

ELEVATION – HARLANDALE FARE SEPARATION

SCALE 1:50

(4)

PLAN – HARLANDALE ENTRANCE

SCALE 1:50

(5 / A016)

LEGEND

FARE SEPARATION

A - 1500mm LONG BARRIER
B - 700mm LONG BARRIER
C - 300mm LONG BARRIER
D - LOW EXIT TURNSTILE (N.P.C.)
E - CRASH GATE
F - METROPASS/TOKEN OPERATED TURNSTILE (N.P.C.)
G - WHEELCHAIR ACCESSIBLE GATE (N.P.C.)
H - ENTRANCE TURNSTILE (N.P.C.) AND GATE
I - CLAMSHELL TURNSTILE (N.P.C.)
J - HIGH EXIT TURNSTILE (N.P.C.)
K - HIGH ENTRANCE TURNSTILE (N.P.C.)

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-10	070

•PEN_SPEC •PRF_SPEC •LEVELS •USER •REF01 •REF02 •REF03 •REF04 •REF05 •REF06 •REF07 •REF08 •REF09 •REF10

BLDG. REF. No. FILE 11A136 SHEET No. 435 DRAWING No. SH-51-11-A-136

REVISIONS

1	C.O. 03/11/28	R•314.530 RECORD DRAWING
	C.O. / /	
	C.O. / /	
	C.O. / /	

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DRAWN	A.Siddeley M.Karastojanov	98/01/12
CHECKED	R.Grant, F.Panici	98/01/12
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:50 0 1 2m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

STD DETAILS/SCHEDULES/MISC
FARE COLLECTION/BARRIERS/BOOTHS

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-A-278 REV. No. 1 SHEET 435

PLOT DATE: •DATE CADD FILE NAME: •DGN

1:100 @ FULL SCALE

ELEVATION 3
1:25

ELEVATION 2
1:25

ELEVATION 4
1:25

ELEVATION 5
1:25

PLAN OF BOOTH CABINET WORK @ WEST CONCOURSE
1:25
1 A292

ELEVATION 6
1:25

ELEVATION 7
1:25

PLAN OF BOOTH CABINET WORK @ NORTH CONCOURSE
1:25
8 A291

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-11	071

REVISIONS			
1	C.O. 98/05/11	COLLECTORS BOOTH PLAN/ELEVATION/ REVISIONS	
2	C.O. 00/05/08	COLLECTOR'S BOOTH REVISIONS	
3	C.O. 03/11/28	F1-385 RECORD DRAWING	
	C.O.		

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DRAWN	F.Panici	96/12/18
CHECKED	F.Panici	96/12/18
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:25 0 .5 1m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
STD DETAILS/SCHEDULES/MISC
COLLECTOR'S BOOTH

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-A-293 REV. No. 3 SHEET 450

DRAWING No. SH-51-11-A-293 SHEET No. 450 FILE 11A293
BLDG. REF. No. •REF01 •REF02 •REF03 •REF04 •REF05
•REF06 •REF07 •REF08 •REF09 •REF10
•PEN_SPEC •PRF_SPEC •LEVELS •USER

PLOT DATE: =DATE CADD FILE NAME: =DGN

1:100 @ FULL SCALE

SECTION

SCALE 1:5

1 A291,A293

PLAN – COLLECTOR'S LOCATION

SCALE 1:10 (PLOTTED AT FULL SCALE)

2 A291,A292

ELEVATION

SCALE 1:25 (PLOTTED AT FULL SCALE)

3 A293

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-12	072

REVISIONS		
1	C.O. 00/05/08	COLLECTOR'S BOOTH REVISIONS
2	C.O. 03/11/28	RECORD DRAWING
	C.O. / /	
	C.O. / /	

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DRAWN	TTC/RTEP	18/12/96
CHECKED	F. Panigl	18/12/96
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 1:5 0 100 200mm

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

STD DETAILS/SCHEDULES/MISC
COLLECTOR'S BOOTH

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-A-294 REV. No. 2 SHEET 451

DRAWING No. SH-51-11-A-294 SHEET No. 451 FILE 11A294 BLDG. REF. No.

REF. No. =REF02 =REF03 =REF04 =REF05 =REF07 =REF08 =REF09 =REF10

=PEN_SPEC =PRF_SPEC =LEVELS =USER

1:20

1
A291,A292

DETAIL

1:20

3
A291,A292

EXTERIOR ELEVATION

1:20

2
A291,A292

DETAIL

1:5

4
A291,A292

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-13	073

REVISIONS		
1	C.O. 00/05/08	F.J.# 266 COLLECTOR'S BOOTH REVISIONS
2	C.O. 03/11/28	F.J.# 381,385,515 RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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DRAWN	TTC/RTEP	18/12/96
CHECKED	F.Panic!	18/12/96
CORRECT	B. TURKEWITSCH	06/01/27

SCALE @ FULL SCALE 0 400 800mm 1:20

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

STD DETAILS/SCHEDULES/MISC
COLLECTOR'S BOOTH

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-A-295 REV. No. 2 SHEET 452

DRAWING No. SH-51-11-A-295 SHEET No. 452 FILE 11A295 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER
*PEN_SPEC
*PRF_SPEC
*LEVELS
*USER

*REF06
*REF07
*REF08
*REF09
*REF10

*REF01
*REF02
*REF03
*REF04
*REF05

BLDG. REF. No.

FILE 11SC012

SHEET No. 530

DRAWING No. SH-51-11-SC-012

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-14	074

Y INVERT

REVISIONS		
1	C.O.	SLEEVES REVISED
	98/06/12	STAIR ADDED
2	C.O.	CONC. STEP ADDED
	98/08/13	
3	C.O.	RECORD DRAWING
	03/11/28	
	C.O.	
	/ /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-160	11-M-014
11-A-171	11-M-021
	11-M-039
11-SC-012	11-E-149
11-SC-124	11-E-179
	11-E-193
	11-E-165

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DRAWN	K. O'Connell	96/02/23
CHECKED	R. Pugh	96/02/23
CORRECT	P. Wagner	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

INVERT SLAB YONGE
STA. 16+510 to 16+549

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-SC-012 REV. No. 3 SHEET 530

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER

*REF06 *REF07 *REF08 *REF09 *REF10

*REF01 *REF02 *REF03 *REF04 *REF05

BLDG. REF. No. FILE 11SC023 SHEET No. 541 DRAWING No. SH-51-11-SC-023

NOTES: 1. PROVIDE SLEEVES THROUGH CONCRETE BEAMS AND SLABS AS SHOWN ON PLAN :

1. - 75mm DIA.
2. - 100mm DIA.
3. - 150mm DIA.
4. - 200mm DIA.
5. - 300mm DIA.
6. - 250mm DIA.

FOR FULL EXTENT OF SLEEVES THROUGH THE STRUCTURE SEE MECHANICAL AND ELECTRICAL DRAWINGS

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-15	075

Y N/CONCOURSE

REVISIONS			REVISIONS		
1	C.O. 98/06/12	ELECT. DUCT BANK ADDED	5	C.O. 03/11/28	RECORD DRAWING
2	C.O. 99/01/18	SI No. S009 HOIST BEAM REVISION		C.O. / /	
3	C.O. 99/06/21	F.I. # 043 & 097 ELEV. LOBBY RM 225 CORRIDOR WIDTH MOD.		C.O. / /	
4	C.O. 99/12/15	F.I. #080 ELEVATOR/ESCALATOR CLARIFICATIONS		C.O. / /	

CONSTRUCTION RECORD DRAWING

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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	K. Luk	96/02/23
CHECKED	R. Pugh	96/02/23
CORRECT	R. Wagner	06/01/27

SCALE @ FULL SCALE 1:100 (0 1 2 3 4m)

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

NORTH CONCOURSE FRAMING PLAN NORTH PORTION

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-SC-023	5	541

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER
*PEN_SPEC
*PRF_SPEC
*LEVELS
*USER

*REF06
*REF07
*REF08
*REF09
*REF10

*REF01
*REF02
*REF03
*REF04
*REF05

BLDG. REF. No.
FILE 11SC124
SHEET No. 642
DRAWING No. SH-51-11-SC-124

REFERENCE DRAWING	
Contract/Reference No.	Sheet No.
SH35-8-REF-16	076

Y N/ROOF

REVISIONS		
1	C.O. 99/06/21	F.I. # 097 ELEV LOBBY RM 225 CORRIDOR WIDTH MOD.
2	C.O. 03/11/28	CD #212 RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	K. Luk	96/02/23
CHECKED	R. Pugh	96/02/23
CORRECT	P. Wagner	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
NORTH CONCOURSE ROOF FRAMING PLAN
UNITS Y5420 AND Y5426

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-SC-124 REV. No. 2 SHEET 642

1:100 @ FULL SCALE

SECTION A
STA. 16+000 SC-012, 023, 124

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-17	077

Y INVERT

REVISIONS		
1	C.O. STAIR ADDED	98/06/12
2	C.O. RECORD DRAWING	03/11/28
	C.O.	/ /
	C.O.	/ /

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RELATED DRAWINGS

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DRAWN	K. Luk / B. Kwok	97/05/23
CHECKED	R. Pugh	97/05/23
CORRECT	P. Wagner	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE PROFILE ELEVATION
STA. 16+510 TO 16+548

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-SC-211 REV. No. 2 SHEET 724

DRAWING No. SH-51-11-SC-211 SHEET No. 724 FILE 11SC211 BLDG. REF. No.

*REF01 *REF02 *REF03 *REF04 *REF05 *REF06 *REF07 *REF08 *REF09 *REF10 *PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

NOTES:

1. CONTRACTOR MUST PROTECT AND AND MAINTAIN EXISTING ELECTRICAL HEAT TRACING CABLE WHEN CONNECTING NEW PIPING TO EXISTING PIPING AND ALSO MAKE GOOD EXISTING INSULATION
2. FOR SANITARY PUMP AND PIT SCHEDULE AND DETAILS REFER TO DWG. No's 11-M-071 AND 11-M-090

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-18	078

IN SERVICE

REVISIONS			
1	C.O. 199/12/15	FI*121 ELEVATOR/ESCALATOR CLARIFICATIONS	
2	C.O. 03/11/28	FI* 251,308,463 RECORD DRAWING	
	C.O. / /		
	C.O. / /		

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-160	11-M-014
11-A-171	11-M-021
	11-M-039
11-SC-012	11-E-149
11-SC-124	11-E-179
	11-E-193
	11-E-165

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DRAWN	F.Sotto	96/02/23
CHECKED	R. Bradbury	96/02/23
CORRECT	R.Pliounis	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE NORTH FAN ROOM PLUMBING AND DRAINAGE

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-M-021 REV. No. 2 SHEET 894

DRAWING No. SH-51-11-M-021 SHEET No. 894 FILE 11M021 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

NOTES:

1. ROUTING FOR ELEVATOR HYDRAULIC LINES AND ELECTRICAL CONDUIT. TERMINATE AT ELEVATOR HOISTWAY WALL. PROVIDE PIPE SLEEVES WHERE ROUTING RUNS THROUGH WALL.

(2) PROVIDE DRIP PAN BELOW PUMPED SANITARY LINES. PIPE DRAIN LINE FROM DRIP PAN TO FLOOR DRAIN

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-19	079

Y N/CONCOURSE

REVISIONS			
1	C.O. 99/12/15	FI*101 ELEVATOR/ESCALATOR CLARIFICATIONS	
2	C.O. 03/11/28	FI* 410, 463, 505 CD*210, 264 RECORD DRAWING	
	C.O. / /		
	C.O. / /		

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	W. Santiago	96/02/23
CHECKED	R. Bradbury	96/02/23
CORRECT	R.Pilliounis	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE NORTH CONCOURSE, NORTH PLUMBING AND DRAINAGE

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-M-028	2	901

DRAWING No. SH-51-11-M-028 SHEET No. 901 FILE 11M028 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

*PLOTTER
*PEN_SPEC
*PRF_SPEC
*LEVELS
*USER

*REF06
*REF07
*REF08
*REF09
*REF10

*REF01
*REF02
*REF03
*REF04
*REF05

BLDG. REF. No.

FILE 11M045

SHEET No. 925

DRAWING No. SH-51-11-M-045

REFERENCE DRAWING	
Contract/Reference No.	Sheet No.
SH35-8-REF-20	080

FOR CONTINUATION OF SERVICES BELOW SEE DWG. 11-M-038

Y N/CONCOURSE

REVISIONS		
1	C.O. 98/06/12	RELOCATE AND ADD FE
2	C.O. 03/11/28	RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING

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NOT FOR CONSTRUCTION

RELATED DRAWINGS	
11-A-054	11-M-027
11-A-073	11-M-045
11-A-136	11-M-059
11-SC-022	11-E-112
11-SC-123	11-E-159
	11-E-174
	11-E-188

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DRAWN	F. Sotto	96/02/23
CHECKED	C. Logiudice	96/02/23
CORRECT	R. PILIOUNIS	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE NORTH CONCOURSE, SOUTH FIRE PROTECTION

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-M-045 REV. No. 2 SHEET 925

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-21	081

Y N/CONCOURSE

REVISIONS		
1	C.O. 98/06/12	REVISE PIPE ADD NOTE
2	C.O. 03/11/28	RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING

Issued for Information Only
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	FS	96/02/23
CHECKED	C. Logiudice	96/02/23
CORRECT	R. PILIOUNIS	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE NORTH CONCOURSE, NORTH FIRE PROTECTION

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-M-046 REV. No. 2 SHEET 926

DRAWING No. SH-51-11-M-046 SHEET No. 926 FILE 11M046 BLDG. REF. No.

*PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER *REF06 *REF07 *REF08 *REF09 *REF10 *REF02 *REF03 *REF04 *REF05

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-22	082

S W/CONCOURSE

REVISIONS		
1	C.O.	REVISE HEAT TRACING AND FE'S
	98/06/12	
2	C.O.	FI#434 CD#318
	03/11/28	RECORD DRAWING
	C.O.	
	/ /	
	C.O.	
	/ /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-058	11-M-030
11-A-065	11-M-048
11-A-138	11-M-052
	11-E-127
11-SC-045	11-E-122
11-SC-047	11-E-155
	11-E-170
	11-E-184

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DRAWN	B. Armstrong	96/02/23
CHECKED	C. Logiudice	96/02/23
CORRECT	R. PILIOUNIS	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
SHEPPARD LINE WEST CONCOURSE FAN ROOM FIRE PROTECTION

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-M-048 REV. No. 2 SHEET 928

DRAWING No. SH-51-11-M-048 SHEET No. 928 FILE 11M048 BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-23	083

Y N/CONCOURSE

REVISIONS		
1	C.O. 98/06/12	REVISE HVAC
2	C.O. 99/09/10	F.I.* 149 FIRE DAMPERS AND SEPERATIONS
3	C.O. 99/12/15	ELEVATOR/ESCALATOR CLARIFICATIONS
4	C.O. 03/11/28	RECORD DRAWING

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	W.B. Armstrong	96/02/23
CHECKED	C. Logiudice	96/02/23
CORRECT.	R. PILIOUNIS	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE NORTH CONCOURSE, NORTH HEATING, VENTILATION AND AIR CONDITIONING

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-M-058 REV. No. 4 SHEET 946

DRAWING No. SH-51-11-M-058 SHEET No. 946 FILE 11M058 BLDG. REF. No.

MISCELLANEOUS EQUIPMENT SCHEDULE

TAG	LOCATION	SERVICE	MODEL	TYPE	PERFORMANCE	POWER	REMARKS
DPAC-1	VALVE ROOM	DRY PIPE AIR COMPRESSOR			½HP	600/3/60	C/W CONTROLS
DPAC-2	VALVE ROOM	DRY PIPE AIR COMPRESSOR			½HP	600/3/60	C/W CONTROLS
DPAC-3	VALVE ROOM	DRY PIPE AIR COMPRESSOR			½HP	600/3/60	C/W CONTROLS
HUM-1	TRAIN OPRATORS LUNCH ROOM	HUMIDIFICATION	ARMSTRONG EHU-600 c/w EHF-2 FAN		2.7 KG/HR MAX.	208/1/60 120/1/60	—FOR HUMIDIFIER —FOR FAN
EWT-1	ROOM #345	EYEWASH TEMP. UNIT				120/1/60	
EWT-2	ROOM #421	EYEWASH TEMP. UNIT				120/1/60	

PUMP SCHEDULE (REFER TO DRAWINDS No's. 11-M-072 AND 11-M-090)

TAG	SERVICE	LOCATION	FLOW (l/s)	HEAD (kPa)	ROOM No.	FLUID	RPM	MOTOR HP	VOLTAGE	MANUFACTURER	SERIES	MODEL	TYPE	DRAWING No.	REMARKS
SNP-1	SANITARY	PUMP STN. #1	3.16	263	S.W.WYE	WASTE	1750	10	575/3/60	FLYGT	CP	3127	SUBMERSIBLE	24-M-012	TRIPLEX
STP-1	STORM	PUMP STN. #1	15.77	224	S.W.WYE	STORM	1745	15	575/3/60	FLYGT	CP	3140		24-M-012	TRIPLEX
STP-2	STORM	PUMP STN. #1	15.77	224	S.W.WYE	STORM	1745	15	575/3/60	FLYGT	CP	3140		24-M-012	TRIPLEX
SNP-2	SANITARY	PUMP STN. #2	3.16	140	E.TRACK	WASTE	3390	1.9	575/3/60	FLYGT	CP	3067IMP265		11-M-012	TRIPLEX
STP-3	STORM	PUMP STN. #2	15.77	143	E.TRACK	STORM	1750	10	575/3/60	FLYGT	CP	3127IMP432		11-M-012	TRIPLEX
STP-4	STORM	PUMP STN. #2	15.77	143	E.TRACK	STORM	1750	10	575/3/60	FLYGT	CP	3127IMP432		11-M-012	TRIPLEX
STP-5/5A	STORM	STM. SUMP #3	3.16	188	309	STORM	3415	4	208/3/60	FLYGT	CP	3085IMP252		11-M-025	DUPLEX
STP-6/6A	STORM	STM. SUMP #4	3.16	200	313	STORM	3415	4	208/3/60	FLYGT	CP	3085IMP252	SUBMERSIBLE	11-M-025	DUPLEX
FBP-1	FIRE BOOSTER PUMP	PUMP ROOM	5.36	103		WATER	1750	1.5	575/3/60	ITT	80	2x2X7	CENTRIFUGAL		SIMPLEX
SNP-5	SANITARY	SAN. SUMP3	3.16	51	*	WASTE	1700	1.7	575/3/60	FLYGT	DP	DP3067	SUBMERSIBLE	11-M-032	SIMPLEX
SNP-6	SANITARY	SAN. SUMP4	3.16	51	*	WASTE	1700	1.7	575/3/60	FLYGT	DP	DP3067		11-M-019	SIMPLEX
SNP-7/7A	SANITARY	SAN. SUMP5	6.3	197	136	WASTE	1750	7.5	575/3/60	FLYGT	MP	M3127IMP262		11-M-019	DUPLEX
SNP-8/8A	SANITARY	SAN. SUMP6	6.3	209	132	WASTE	1750	7.5	575/3/60	FLYGT	MP	M3127IMP262		11-M-018	DUPLEX
SNP-9/9A	SANITARY	SAN. SUMP7	6.3	197	336	WASTE	1750	15	575/3/60	VAUGHAN	HP	S4L-083		11-M-022	DUPLEX
SNP-10/10A	SANITARY	SAN. SUMP8	6.3	116	306	WASTE	1750	7.5	575/3/60	VAUGHAN	HP	S3L-080		11-M-081	DUPLEX
SNP-11/11A	SANITARY	SAN. SUMP9	3.16	78	110	WASTE	1750	5	575/3/60	VAUGHAN	HP	S3F-060		11-M-021	DUPLEX
SNP-12	SANITARY	SAN. SUMP10	3.16	104	200B	WASTE	3390	1.9	575/3/60	FLYGT	CP	3067IMP267		11-M-029	SIMPLEX
SNP-13	SANITARY	SAN. SUMP11	3.16	125	226	WASTE	3390	1.9	575/3/60	FLYGT	CP	3067IMP267	SUBMERSIBLE	11-M-028	SIMPLEX

* YONGE LINE IN PLATFORM VOID

TAG	LOCATION	SERVICE		SERVES FLOOR DRAINS IN ROOMS	POWER	SERIAL #
TPD-1	ROOM #410	TRAP PRIMING DEVICE		ROOM #429, 421, 409, 413, 415, 416 & 414.	120/1/60	13411
TPD-2	ROOM #414			ROOM #408A, 408B, 410A, 410B, 410, 411 & 408.	120/1/60	13416
TPD-3	ROOM #336			ROOM #335, 337, FUTURE ELEV. & ESCALATOR PIT.	120/1/60	12539
TPD-4	ROOM #345			ROOM #345, 348, 364, 343, FUTURE ELEVATOR PIT, NORTH, CENTRE & SOUTH PLATFORM VOID	120/1/60	12537
TPD-5	ROOM #354			ROOM #350, 352, 354, 355, FUTURE ELEVATOR & ESCALATOR PIT.	120/1/60	12536
TPD-6	ROOM #202B			ROOM #202, 202B & BUS TERMINAL ELEVATOR PIT.	120/1/60	13829
TPD-7	ROOM #209			ROOM #205, 206, 207, 208, 209, 211, 217 & 213.	120/1/60	11993
TPD-8	ROOM #228			ROOM #222, 225, 226, 228, 300 & SHEPPARD LINE PLATFORM VOID.	120/1/60	13830
TPD-9	ROOM #324			ROOM #324, 332, 365 & SHEPPARD LINE PLATFORM VOID.	120/1/60	13833
TPD-10	ROOM #329			ROOM #331, 329 & SOUTH CONCOURSE PLATFORM VOID.	120/1/60	13410
TPD-11	ROOM #226			ROOM #302 & SHEPPARD LINE PLATFORM VOID.	120/1/60	13828
TPD-12	ROOM #307			ROOM #305, 306, 307, 308, 316, 317 & 315.	120/1/60	13410
TPD-13	ROOM #404			ROOM #404, 400, 401, 405, NORTH WEST & SOUTHWEST VENT SHAFTS.	120/1/60	13407
TPD-14	ROOM #132			ROOM #116 & 333.	120/1/60	13417
TPD-15	ROOM #136			ROOM #136, 106, 362, 323 & 101.	120/1/60	12256
TPD-16	ROOM #110			ROOM #110, 111A, 111B & 116.	120/1/60	13835
TPD-17	ROOM #119			YONGE LINE PLATFORM VOID	120/1/60	12851
TPD-18	ROOM #118	TRAP PRIMING DEVICE		YONGE LINE PLATFORM VOID	120/1/60	12852
TPD-19	ROOM #227	TRAP PRIMING DEVICE		ROOM 227, 229	120/1/60	14567

SUBWAY VENTILATION DAMPERS

TAG	SERVICE	REMARKS
SVSD-1	S / WEST	1,2
SVSD-2	S / WEST	1,2
SVPD-1	S / WEST	1,2
SVPD-2	S / WEST	1,2
SVPD-3	Y / SOUTH	1,2
SVPD-4	Y / SOUTH	1,2
SVSD-3	Y / SOUTH VENT SHAFT DAMPER (EXIST. DAMPER)	1
SVSD-4	S / EAST	1,2
SVSD-5	S / EAST	1,2
SVPD-5	S / EAST	1,2
SVPD-6	S / EAST	1,2
SVSD-6	Y / NORTH	1,2
SVSD-7	Y / NORTH	1,2
SVPD-7	Y / NORTH	1,2
SVPD-8	Y / NORTH	1,2
SVSD-8	Y / SOUTH VENT SHAFT DAMPER (EXIST. DAMPER)	1
SVSD-9	WEST TAIL TRACK	2
SVSD-10	Y / NORTH	1,2
SVSD-11	Y / NORTH	1,2

1. DAMPER MOTOR STARTERS COMMISSION SUPPLIED.
2. COMMISSION SUPPLIED PRODUCT.

ELECTRIC COIL SCHEDULE (BASED ON P.M. WRIGHT)

TAG	SERVICE	MODEL	MIN. AIR FLOW (l/s)	SIZE (mm)	CAPACITY KW	ELECT.	REMARKS
EDC-1	TRAIN OP. LUNCH ROOM	WT-3-250x200 -208/1-2 -FTDS2	170	250x200	3.0	208/1	C/W FLANGED FRAME, DISCONNECT, PRESSURE SWITCH & PROTECTIVE SCREENS, THERMOSTAT TS-197
EDC-2	LOCAL TOWER/ ZONE CONTROL ROOM	WT-2-200x200 -208/1-2 -FTDS2	78	200x200	2.0	208/1	C/W FLANGED FRAME, DISCONNECT, PRESSURE SWITCH & PROTECTIVE SCREENS, THERMOSTAT TS-196
EDC-3	BRICK LAYERS ROOM CONTROLLED BY TS-220	WT-5-300x250 10-208/1- 2-FTDS2	290	300x250	5.0	208/1	C/W FLANGED FRAME, DISCONNECT, PRESSURE SWITCH & PROTECTIVE SCREENS, THERMOSTAT
EDC-4	SIGNAL MAINTAINER'S MAINTENANCE RM CONTROLLED BY TS-221	WT-1.5-200x150 -208/1-2 -2FTDS2	73	200x150	1.5	208/1	C/W FLANGED FRAME, DISCONNECT, PRESSURE SWITCH & PROTECTIVE SCREENS, THERMOSTAT

NOTE: ALL ABOVE HEATERS TO BE INCOLLOY SHEATED TUBULAR C/W SCR CONTROLLER.

DOMESTIC HOT WATER TANK HEATER SCHEDULE

TAG	LOCATION	MANUFACTURER	MODEL	CAPACITY (LITRES)	CAPACITY (KW)	VOLTAGE	REMARKS
WH-1	N. CONCOURSE	JOHN WOOD	805 TSC	270	9	208/1/60	
WH-2	W. CONCOURSE	JOHN WOOD	805 TSC	270	9	208/1/60	
WH-3	E. SERVICE	JOHN WOOD	805 TSC	270	9	208/1/60	
WH-4	S. CONCOURSE	JOHN WOOD	805 TSC	270	9	208/1/60	
WH-5	N. CONCOURSE	JOHN WOOD	SS-30LSEB	102	3	208/1/60	

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-24	084

*PEN_SPEC *PRF_SPEC *LEVELS *USER

*REF07 *REF08 *REF09 *REF10

*REF02 *REF03 *REF04 *REF05

BLDG. REF. No.

DRAWING No. SH-51-11-M-071 SHEET No. 984 FILE 11M071

REVISIONS		
1	C.O.	REVISE SCHEDULES
	98/06/12	
2	C.O.	FI#308 RECORD DRAWING
	03/11/28	
	C.O.	
	/ /	
	C.O.	
	/ /	

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DRAWN	F. Sotto	96/10/28
CHECKED	C. Logiudice	96/10/28
CORRECT	R. PILIOUNIS	06/01/27

SCALE N.T.S.

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
MECHANICAL SCHEDULES

CONTRACT No. ~~SH-51-J1~~

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-M-071	2	984

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

PART PLAN (1) 11-M-028
1:50

FOR PLUMBING & DRAINAGE SCHEMATICS REFER TO DWG. *11-M-034

KEY NOTES

1. 12Ø H & CW DN. TO LAV, 32Ø SAN. DTF, 32Ø VENT UP
2. 40Ø SANITARY VENT DTF
3. 12Ø H & CW DN. IN WALL TO PLUMBING FIXTURE
4. 20Ø H & CW DN. TO PLUMBING FIXTURE

NOTE: ALL FLOOR DRAINS TO BE 100Ø UNLESS NOTED

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-25	085

FOR CONTINUATION OF SERVICES BELOW SEE DWG. 11-M-021

REVISIONS		
1	C.O. RELOCATED F.D.	98/06/12
2	C.O. FI*251,261 RECORD DRAWING	03/11/28
	C.O.	/ /
	C.O.	/ /

CONSTRUCTION RECORD DRAWING
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DRAWN	F.Sotto	96/11/01
CHECKED	R. Bradbury	96/11/01
CORRECT.	R.Piliounis	06/01/27

SCALE @ FULL SCALE 0 1 2m 1:50

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

SHEPPARD LINE NORTH CONCOURSE PART PLAN PLUMBING AND DRAINAGE

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-M-077	2	911

DRAWING No. SH-51-11-M-077 SHEET No. 911 FILE 11M077

BLDG. REF. No.

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

NOTES:

1. NOT USED.
2. REUSE EXISTING 38mm CONDUIT FORMERLY USED FOR 'LP'IF' FEEDER TO FEED TENANT PANEL'2T'. RE-ROUTE CONDUIT IN AC SWITCHBOARD ROOM TO EXISTING TENANT METER CENTRE. REFER TO DWGS 11-DE-105, 11-DE-125 & 10-DE-217 FOR DETAILS & PHASING.
3. NOT USED.
4. NOT USED.
5. PROVIDE PULL BOX FOR FUTURE CCTV C/W 19mmC TO DP-24E.
6. FOR HEAT TRACING CABLES SEE HEATING CABLE SCHEDULE ON DWG. #11-M-066 & M-103 AND ELECTRICAL PANEL SCHEDULES.
7. ELECTRICAL CONTRACTOR TO VERIFY EXACT LOCATION OF HEAT TRACING POWER CABLES AND THERMOSTAT CONNECTIONS.
8. NOT USED
9. NOT USED
10. PAY PHONE DUPLEX RECEPTACLE ARE MOUNTED BEHIND BOOTH AT 1116mm AFF.
11. MINIMUM WIRE SIZE FOR RECEPTACLE SHALL BE 6mm² UNLESS NOTED OTHERWISE.
12. COORDINATE ALL WORK WITH MECHANICAL, CIVIL & STRUCTURAL TRADES.
13. FOR FORCE FLOW CABINET HEATER SCHEDULE REFER TO DWG.#11-M-106.
14. PROVIDE DISCONNECT SWITCH FOR ELEVATOR C/W AUXILIARY CONTACTS AS PER CANADIAN CODE RULE 38-036(3).
15. RELOCATE EXISTING SINGLE LINE DIAGRAM TO WEST WALL OF EXISTING SWITCHBOARD RM. 236.
16. PROVIDE EMBEDDED PULL BOX FOR CONNECTION TO FUTURE FCH-119.
17. FOR CONDUIT LEGEND REFER TO DWG 11-E-140.
18. HEAT TRACING CABLE No. 42 SHALL BE SUPPLIED VIA FUTURE DP-15N.
19. HEAT TRACING CABLE No. 43 SHALL BE SUPPLIED VIA FUTURE DP-16N.

FOR CONTINUATION OF SERVICES BELOW SEE DWG. 11-E-136

REFERENCE DRAWING	
Contract/Reference No.	Sheet No.
SH35-8-REF-26	086

Y N/CONCOURSE

REVISIONS		
1	C.O. 98/06/12	REVISED NOTE 17.
2	C.O. 99/12/15	ELEVATOR/ESCALATOR CLARIFICATIONS
3	C.O. 03/11/28	FI#347,537,571 CD#308 RECORD DRAWING
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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NOT FOR CONSTRUCTION

RELATED DRAWINGS	
11-A-054	11-M-027
11-A-073	11-M-045
11-A-136	11-M-059
11-SC-022	11-E-112
11-SC-123	11-E-159
	11-E-174
	11-E-188

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DRAWN	A. Wilson	97/06/12
CHECKED	C. Misketi	97/06/12
CORRECT	S. RANADIVE	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE N/CONCOURSE SOUTH POWER

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No. SH-51-11-E-174 REV. No. 3 SHEET 1177

*PLOTTER
*PEN_SPEC
*PRF_SPEC
*LEVELS
*USER

*REF06
*REF07
*REF08
*REF09
*REF10

*REF01
*REF02
*REF03
*REF04
*REF05

BLDG. REF. No.

FILE 11E174

SHEET No. 1177

DRAWING No. SH-51-11-E-174

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER

*REF06 *REF07 *REF08 *REF09 *REF10

*REF01 *REF02 *REF03 *REF04 *REF05

BLDG. REF. No. 11E175 FILE 1178 SHEET No. SH-51-11-E-175 DRAWING No.

NOTES:

1. REUSE EXISTING 38mmC CONDUIT FORMERLY USED FOR LP'1F' FEEDER TO FEED TENANT PANEL'2T'. REFER TO DWGS 11-DE-125, 11-DE-105 & 11-DE-217 FOR DETAILS AND PHASING.
2. REUSE EXISTING 38mm CONDUIT & WIRING TO FEED NEW TENANT PANEL'1T'. EXTEND CONDUIT & WIRING TO NEW PANEL LOCATION.
3. NOT USED.
4. NOT USED.
5. DYNAMIC PASSENGER INFORMATION SYSTEM. FINAL POWER CONNECTION BY OTHERS.
6. FOR HEAT TRACING CABLES SEE HEAT TRACING CABLE SCHEDULE ON DWG #11-M-066 & M-103 AND ELECTRICAL PANEL SCHEDULES.
7. ELECTRICAL CONTRACTOR TO VERIFY EXACT LOCATION OF HEAT TRACING POWER CABLES AND THERMOSTAT CONNECTIONS.
8. NOT USED
9. JUNCTION BOX INSTALLED DURING PHASING PERIOD REFER TO DRAWING 11-DE-125
10. PAY PHONE DUPLEX RECEPTACLES ARE MOUNTED BEHIND BOOTH AT 1116mm AFF.
11. MINIMUM WIRE SIZE FOR RECEPTACLE SHALL BE 6mm² UNLESS NOTED OTHERWISE.
12. PROVIDE CONNECTION TO FPC HEATER AS PER 6/E016
13. FOR FORCE FLOW CABINET HEATER SCHEDULE REFER TO DWG.#11-M-106 & 11-M-066.
14. COORDINATE ALL WORK WITH MECHANICAL, CIVIL & STRUCTURAL TRADES.
15. PROVIDE 1.5M EXTRA CABLE LENGHT BEYOND CONDUIT STUB-OUT FOR FUTURE CONNECTION TO EQUIPMENT.
16. PROVIDE DISCONNECT SWITCH FOR ELEVATOR C/W AUXILIARY CONTACTS AS PER CANADIAN CODE RULE 38-036(3).
17. PROVIDE RECEPTACLE MOUNTED WITHIN CCTV CAMERA HOUSING.
18. NOT USED
19. NOT USED
20. FOR CONDUIT LEGEND REFER TO DWG 11-E-140.
21. ALL NEW EMBEDDED CONDUITS SHALL BE ROUTED IN CEILING SLAB UNLESS OTHERWISE NOTED.

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-27	087

CONSTRUCTION RECORD DRAWING

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REVISIONS					
1	C.O. 98/06/12	REVISED CONDUIT SIZE. REVISED NOTES	5	C.O. 99/06/03	TENANT '3T' CONDUIT AND FEEDER ROUTING
2	C.O. 98/09/16	CONDUIT REVISED FROM EMBEDDED TO SURFACE MOUNTED	6	C.O. 99/09/10	BUILDING PERMIT COMMENTS
3	C.O. 99/02/05	WORD CHANGE	7	C.O. 99/12/15	ELEVATOR/ESCALATOR CLARIFICATIONS
4	C.O. 99/05/25	TEMPORARY TENANT LOCATION CHANGE TAG NO. REVISED	8	C.O. 00/05/08	COLLECTOR'S BOOTH REVISIONS
9	C.O. 03/11/28	FI=228,300,314,347,454 FI=535,CD=295 RECORD DRAWING		C.O. / /	
	C.O. / /			C.O. / /	

RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	B. Gron	96/12/20
CHECKED	C. Misketi	96/12/20
CORRECT	S. RANADIVE	06/01/27

SCALE @ FULL SCALE 0 1 2 3 4m 1:100

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE N/CONCOURSE NORTH POWER

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-E-175	9	1178

PLOT DATE: •DATE CADD FILE NAME: •DGN 1:100 @ FULL SCALE

•PLOTTER •PEN_SPEC •PRF_SPEC •LEVELS •USER

•REF06 •REF07 •REF08 •REF09 •REF10

•REF01 •REF02 •REF03 •REF04 •REF05

BLDG. REF. No.

FILE 11E189

SHEET No. 1191

DRAWING No. SH-51-11-E-189

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-28	088

REVISION NO.3 OF THIS DRAWING WAS ISSUED FOR INTERNAL CIRCULATION ONLY. CONTENTS OF REV.NO.5 IS IDENTICAL TO REV.NO.3 WITH NEW F.I.#293 ADDED. CONTENTS OF REV.NO.4 FOR COLLECTOR'S BOOTH IS ISSUED UNDER SEPERATE CONTRACT CHANGE.

NOTES

1. REMOVE EXISTING FIRE ALARM DEVICES AFTER NEW DEVICES HAVE BEEN TESTED AND FOUND OPERATIONAL.
2. REFER TO ARCHITECTURAL REFLECTED CEILING DRAWING FOR EXACT LOCATION OF PA SPEAKERS IN LINEAR METAL CEILING.
3. ALL SCADA AND E.A.S. SYSTEM FUNCTIONS ARE TO BE MAINTAINED IN OPERATION DURING OPERATING HOURS. ALL DISCONNECTIONS AND CONNECTIONS OF EXISTING SCADA AND E.A.S. SYSTEMS ARE TO BE PERFORMED BY T.T.C. PERSONNEL.
4. CONTROL MODULES FOR SIGNAGE MAY BE LOCATED ABOVE EMERGENCY POWER PANEL OR INSIDE THE SIGNAGE BOX.
5. REPAINT ALL EXISTING PA SPEAKERS FACEPLATES TO MATCH NEW.
6. 51-PMU-05 & 51-V-008 IN BOOTH TO WEST COM. RM PNL 51-CTC-PA-01.
7. FOR BURGLAR ALARM SYSTEM ARRANGEMENTS SEE A/E087
8. JUNCTION BOX INSTALLED IN PHASE 1.
9. DISCONNECT EXISTING CONDUIT EC7 AT THIS POINT, LEAVE 600mm OF WIRE (6#14) FOR EXTENSION TO NEW COLLECTORS BOOTH. CONNECT CONDUIT EC7 TO JUNCTION BOX.
10. REFER TO DRAWING 11-E-140 FOR CONDUIT LEGEND.
11. ELECTROMAGNETIC DOOR HOLDER, 120V, FAIL-SAFE OPERATION; POWER FAILURE REALISE DOOR TO CLOSE, WALL-MOUNTED TYPE SIMILAR TO NOTIFIER CAT#FM998-120

FOR CONTINUATION OF SERVICES BELOW SEE DWG. 11-E-193

Y N/CONCOURSE

REVISIONS			REVISIONS		
1	C.O. 98/09/16	REVISED SYSTEMS CONDUITS AND LAYOUT	5	C.O. 00/06/09	F.I.#293 TAG NUMBER CHANGED
2	C.O. 99/09/10	BUILDING PERMIT COMMENTS	6	C.O. 00/08/30	REVISIONS TO COLLECTOR'S BOOTH
3	C.O. 99/11/19	TAG NUMBER CHANGED	7	C.O. 03/11/28	F.I.#279,293,295,300,318, 314,316,320,322,324,330, CC#187 RECORD DRAWING
4	C.O. 00/05/08	COLLECTOR'S BOOTH REVISIONS		C.O. / /	

CONSTRUCTION RECORD DRAWING
Issued for Information Only
NOT FOR CONSTRUCTION

RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	D. Melvin	96/11/01
CHECKED	C. Misketi	96/11/01
CORRECT	S. RANADIVE	06/01/27

SCALE @ FULL SCALE 1:100 0 1 2 3 4m

SHEPPARD SUBWAY

YONGE STATION AND RELATED STRUCTURES

YONGE LINE N/CONCOURSE NORTH SYSTEMS

CONTRACT No. SH-51-J1

TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM

DWG. No.	REV. No.	SHEET
SH-51-11-E-189	7	1191

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER

*REF06 *REF07 *REF08 *REF09 *REF10

*REF01 *REF02 *REF03 *REF04 *REF05

BLDG. REF. No. FILE 11E160 SHEET No. 1163 DRAWING No. SH-51-11-E-160

NOTES:

1. UNLESS NOTED OTHERWISE ALL FIXTURES ARE TYPE '4B'.
2. EXISTING TYPE 2 FIXTURES. ALL FIXTURES SHALL BE CLEANED INSIDE AND OUT, INCLUDING LENSES. REPLACE LAMP AND SOCKETS. REPLACE BALLASTS WITH HIGH FREQUENCY ELECTRONIC, INSTANT START, NORMAL LIGHT OUTPUT, 98% POWER FACTOR, LESS THAN 10% HARMONIC DISTORTION, -18 C (0 F) STARTING TEMPERATURE, 'A' SOUND RATING, 36 WATTS INPUT FOR 1 LAMP AND 64 WATTS INPUT FOR 2 LAMPS OPERATION, 120 VOLT. BALLAST SHALL BE EQUAL TO MAGNETEK CAT*B232IRHI20HP. LAMP SHALL BE 32WATT T8 OCTRON 4100 K.
3. SUSPEND LIGHTING FIXTURES WITH CHAIN AT EXISTING LEVEL.
4. INTERCEPT CONDUIT, INSTALL JUNCTION BOX AND EXTEND WIRING IN CONDUIT TO NEW PANELS.
5. REMOVE OLD WIRING AND INSTALL NEW WIRING IN EXISTING CONDUITS.
6. INSTALL EXTENSION RING AND EXTEND WIRING AS SHOWN.
7. SUPPLY 1-15A-1P SPARE CIRCUIT FROM EXISTING PANEL IF CIRCUIT #41. WIRE WITH 2-4mm² TWU IN 19mm RIGID GALVANIZED CONDUIT.
8. RKS2 LOCATED AT STREET LEVEL ABOVE. FOR LIGHTING CONTROL SEE DWG. E-922.
9. FOR CONDUIT LEGEND REFER TO DWG 11-E-140.
10. FOR LEGEND REFER TO DWG 10-DE-100.
11. FOR EXISTING LIGHTING FIXTURE SCHEDULE REFER TO DWG 10-DE-100.

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-29	089

Y N/CONCOURSE

REVISIONS		
1	C.O. 98/06/12	REVISED. NOTES 7,9, & 11.
2	C.O. 03/11/28	FI*508 CP*372 RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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RELATED DRAWINGS	
11-A-055	11-M-028
11-A-072	11-M-046
11-A-137	11-M-058
11-SC-023	11-E-113
11-SC-124	11-E-160
	11-E-175
	11-E-189

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DRAWN	B. Gron	97/01/04
CHECKED	C. Misketi	97/01/04
CORRECT	S. RANADIVE	06/01/27

SCALE @ FULL SCALE 1:100 (0 1 2 3 4m)

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE N/CONCOURSE NORTH LIGHTING

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-E-160 REV. No. 2 SHEET 1163

PLOT DATE: *DATE CADD FILE NAME: *DGN 1:100 @ FULL SCALE

*PLOTTER *PEN_SPEC *PRF_SPEC *LEVELS *USER

*REF06 *REF07 *REF08 *REF09 *REF10

*REF01 *REF02 *REF03 *REF04 *REF05

BLDG. REF. No. 10E217 FILE 1220 SHEET No. SH-51-10-E-217 DRAWING No.

NOTES

1. DISCONNECT, REMOVE AND TURN OVER TO TTC EXISTING 60A BREAKER. SUPPLY AND INSTALL NEW 100A, 3P, NBH BREAKER TO MATCH EXISTING BREAKER INTERRUPTING CAPABILITY.
2. SUPPLY & INSTALL NEW QUADLOGIC OL-1 DIGITAL METER WITH MINI-INTERFACE PANEL AND DATA LINK. REFER TO SPECIFICATIONS FOR EXACT CATALOGUE NUMBER. - PHASE 4
3. FOR COMPLETE INTERCONNECTION DETAIL SEE MANUFACTURERS WIRING DIAGRAM.
4. SUPPLY, INSTALL & CONNECT NEW FEEDER AND PERMANENT TENANT PANEL. FOR CONDUIT INSTALLATION REFER TO DWG 11-E-175
5. SUPPLY & INSTALL SEALABLE COVER OVER THE METER SOCKET FPL CATALOGUE #MSOC
6. SUPPLY & INSTALL CURRENT TRANSFORMER SOLID CORE TYPE 200A/0.1A REFER TO SPECIFICATIONS
7. PANELS 5T, 1T AND 2T SHALL CONSIST OF 120/208V, 3PH, 4W, 100A MAINS, 42CCT, 10-15A BREAKERS.

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-30	090

REVISIONS

1	C.O. 98/07/02	NOTE 7 ADDED
2	C.O. 03/11/28	FI#371 RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
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DRAWN	M. Kopylenko	97/08/13
CHECKED	K. Marot	97/08/13
CORRECT	S. RANADIVE	06/01/27

SCALE N.T.S.

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
YONGE LINE RETAIL DISTRIBUTION
120 / 208V, 3PH, 4W

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-10-E-217 REV. No. 2 SHEET 1220

PLOT DATE: *DATE CADD FILE NAME: *DGN

1:100 @ FULL SCALE

FED FROM: EXISTING SWITCHBOARD *1
SEE REFERENCE DWG. No.: SH-51-10-E-213
VOLT: 120/208V
FEEDER No : S1/DP-E-P1

PANEL IDENTIFICATION: DP-E (EXISTING)
LOCATION: EXISTING SWITCHBOARD RM*236
PANEL TYPE: 3PH-4W
MAINS: 70A

CCT No.	LOCATION	DESCRIPTION & QUANTITY OF LOADS	CABLE/ CONDUIT NUMBER	CCT LOAD WATTS	BKR SIZE AMPS	A	B	C	BKR SIZE AMPS	CCT LOAD WATTS	CABLE/ CONDUIT NUMBER	DESCRIPTION & QUANTITY OF LOADS	LOCATION	CCT No.
1A	ESSENTIAL SERVICE PANEL 'L'			2100	50 3P				20	1118		LUMINAIRES FN FL,FJ,FM,MM,N	SHEPP. ENT. CONTROL AREA & EAST ENTRANCE	2A
3B				2100					20	550		LUMINAIRES FJ,N,FN	SHEPP. ENT. CONTROL AREA & EAST ENTRANCE	4B
5C				2100					20	300		LIGHTING	SHEPP. ENT. CONTROL AREA & EAST ENTRANCE	6C
7A	SWITCHBOARD RM.	LUMINAIRES FL		390	20				20 3P	200		LP-SE	SUBSTATION ESS. SERVICES LP. 'SE'	8A
9B	SWITCHBOARD RM.	RECEPTACLES		400	15					200				10B
11C	SWITCHBOARD RM.	PA CABINET		300	15					200				12C
13A	SOUTHBOUND PLATFORM	LUMINAIRES N		350	20				20	250		LUMINAIRES N,FN	NORTHBOUND PLATFORM	14A
15B	SOUTHBOUND PLATFORM	LUMINAIRES N		300	20				20	250		LIGHTING	NORTHBOUND PLATFORM	16B
17C	SOUTHBOUND PLATFORM	LUMINAIRES N		250	20				20	250		LIGHTING	NORTHBOUND PLATFORM	18C
19A	POYNTZ. ENTRANCE	LIGHTING		500	20				20	250		LIGHTING	FUTURE CENTRE PLATFORM	20A
21B	SIGNAL POWER SUPPLY RM.	LUMINAIRES FJ		700	20				20	250		LIGHTING	FUTURE CENTRE PLATFORM	22B
23C	SIGNAL POWER SUPPLY RM.			450	20				20	250		LIGHTING	FUTURE CENTRE PLATFORM	24C
25A	SIGNAL POWER SUPPLY RM.				20				20	300		LIGHTING	BUS TRANSFER AREA	26A
27B	MEZZ. LEVEL	LUMINAIRES N,MK		550	20				20	250		LIGHTING	BUS TRANSFER AREA	28B
29C	PASSAGE	LUMINAIRES FJ,MK		450	20				20	250		LIGHTING	BUS TRANSFER AREA	30C
31A	NORTH CONCOURSE RM*228	FUTURE CCTV		50	15				20	896		SNE-30,24A,27 27A,21,28,29	YONGE PLATFORM	32A
33B	SUPERVISORY SYSTEM			400	15				15	768		SNE-03,18,19A, 60A,60B,63,63B, 61,62		34B
35C	SUPERVISORY SYSTEM			400	15				15	640		SNE-64A,64B,65 66,67A,67B		36C
37A	SUPERVISORY SYSTEM			400	15				15 3P	100				38A
39B		SPARE							3	100		METER CENTRE	EXISTING A.C. SWITCHBOARD ROOM	40B
41C	SNE-55A,55B			896	3 15					100				42C
		TOTAL WATTS/PHASE												

	CONNECTED LOAD (kW)	PF	CONNECTED LOAD (kVA)	DEMAND	DEMAND LOAD (kVA)
TOTAL CONNECTED LOAD					
OVERALL DEMAND LOAD					
FULL LOAD AMPS					

FED FROM: EXISTING SWITCHBOARD*2
SEE REFERENCE DWG. No.: SH-51-10-E-213
VOLT: 120/208V
FEEDER No : S28/DP-H-P1

PANEL IDENTIFICATION: DP-H (EXISTING)
LOCATION: EXISTING SWITCHBOARD RM*236
PANEL TYPE: 3PH-4W
MAINS: 200A

CCT No.	LOCATION	DESCRIPTION & QUANTITY OF LOADS	CABLE/ CONDUIT NUMBER	CCT LOAD WATTS	BKR SIZE AMPS	A	B	C	BKR SIZE AMPS	CCT LOAD WATTS	CABLE/ CONDUIT NUMBER	DESCRIPTION & QUANTITY OF LOADS	LOCATION	CCT No.
1A	YONGE NORTH CONCOURSE RM*209	WATER HEATER WH-1		4500	60 2P 2				30 3P			SPARE		2A
3B				4500										4B
5C		SPARE			15									6C
7A	YONGE NORTH CONCOURSE RM*229	WATER HEATER WH-5		1500	20 2P 2				30 3P			SPARE		8A
9B				1500										10B
11C	HARLANDALE VENT SHAFT	EXIST.HEAT TRACING		200	15									12C
13A		SPARE			15				40 3P	4000		EXISTING HEATING	EXISTING SWITCHBOARD ROOM	14A
15B	SWBD. RM. AND BATTERY RM.	EXISTING HEATING		3500	40 3P					4000				16B
17C				4000						4000				18C
19A				3500					30 2	2100			HEAT TRACING CABLES 5 & 6	20A
21B	VESTIBULE 240A	FCH-93		1500	20 2P				30 2	2100			HEAT TRACING CABLES 1,2 & 3	22B
23C	FUTURE ELEVATOR M/R	FCH-92		1500	3				20				HEAT TRACING CABLES	24C
25A		SPARE			15				2 20 2P	2000		FCH-89	TEMP JANITOR/ VALVE ROOM	26A
27B		SPARE			3 15				1	2000				28B
29C		SPARE			15				30 2P	3000		FCH-91	UNASSIGNED 231 FUTURE ELEVATOR MACH.RM*234	30C
31A	RM. 231	HT CABLES			2 30 3P				1	3000		FCH-119		32A
33B									30 3P	770		EXISTING SUMP PUMP STP 7 &7A	NORTH VENT SHAFT	34B
35C	RM. 231	HT CABLES			30 3P 2					770				36C
37A		TRAP PRIME LINES								770				38A
39B	RM. 231	HT CABLES			30 3P 2				15 3	400		FPC HEATERS 1 X 200W	YONGE LINE NORTH CONCOURSE	40B
41C		TRAP PRIME LINES							15 3			TS-18	RM. 232	42C
		TOTAL WATTS/PHASE				21895	20795	13470						

	CONNECTED LOAD (kW)	PF	CONNECTED LOAD (kVA)	DEMAND	DEMAND LOAD (kVA)
SPACE HEATING	36.000kW	1.0	36.000kVA	50%	18.000kVA
WATER HEATING	12.000kW	1.0	12.000kVA	25%	3.000kVA
HEAT TRACING	5.450kW	1.0	5.450kVA	75%	4.088kVA
FPC HEATERS	.400kW	1.0	0.400kVA	50%	0.200kVA
SUMP PUMP	2.310kW	.8	2.888kVA	100%	2.887kVA
TOTAL CONNECTED LOAD	56.160kW				
OVERALL DEMAND LOAD					28.175kVA
FULL LOAD AMPS	156A				

NOTES

1. REPLACE EXISTING BREAKER WITH NEW SIZE AS SHOWN
2. DENOTES GFCI GROUND FAULT CIRCUIT INTERRUPTER
3. INSTALL NEW BREAKER AS SHOWN.

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-31	091

REVISIONS		
1	C.O. 98/05/27	REVISED LOAD CALCULATION AND BREAKERS.
2	C.O. 03/11/28	FI*571 599 RECORD DRAWING
	C.O. / /	
	C.O. / /	

CONSTRUCTION RECORD DRAWING
Issued for Information Only
NOT FOR CONSTRUCTION

NORR
NORR Limited
Architects & Engineers

RECORD DRAWINGS:
FOR REFERENCE ONLY, NOT FOR CONSTRUCTION
THE REVISIONS TO THIS CONTRACT DOCUMENT, OR TO THIS RECORD DRAWING, AS THE CASE MAY BE, REFLECTING A SIGNIFICANT CHANGE IN THE WORK MADE DURING CONSTRUCTION ARE BASED ON DATA FURNISHED BY THE CONTRACTOR TO NORR LIMITED. NORR LIMITED ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED ON THIS DRAWING WHERE IT HAS BEEN PROVIDED BY THE CONTRACTOR. FURTHERMORE, THE ISSUE OF THIS DRAWING IS A REPRESENTATION BY NORR LIMITED THAT THE CONSTRUCTION, ENLARGEMENT OR ALTERATION OF THE BUILDING IS IN GENERAL, AS OPPOSED TO PRECISE, CONFORMITY WITH THE DESIGN PREPARED AND PROVIDED BY NORR LIMITED. IT IS NOT A REPRESENTATION THAT THE CONSTRUCTION, ENLARGEMENT OR ALTERATION OF THE BUILDING IS IN CONFORMITY WITH A DESIGN THAT HAS BEEN PREPARED OR PROVIDED BY OTHERS.

DRAWN	H. Sinclair	96/09/23
CHECKED	K. Marot	96/09/23
CORRECT	S. RANADIVE	06/01/27

SCALE N.T.S.

SHEPPARD SUBWAY
YONGE STATION AND RELATED STRUCTURES
DISTRIBUTION SCHEDULES DP-E & DP-H

CONTRACT No. SH-51-J1
TORONTO TRANSIT COMMISSION
RAPID TRANSIT EXPANSION PROGRAM
DWG. No. SH-51-11-E-733 REV. No. 2 SHEET 1410

DRAWING No. SH-51-11-E-733 SHEET No. 1410 FILE 11E733 BLDG. REF. No.

Y3 SCOPE OF WORK

PARTIAL PLAN

51P-345 - CONCOURSE LEVEL-JANITOR'S ROOM
HVAC DEMOLITION

2 G014

Y4 SCOPE OF WORK

PARTIAL PLAN

51P-321 - CONCOURSE LEVEL-JANITOR'S ROOM
HVAC DEMOLITION

1 G014

GENERAL NOTES:

FOR NEW CONSTRUCTION DRAWINGS REFER TO DRAWING M535 AND E127.

REFERENCE NOTES:

1. DISCONNECT AND LEAVE (ABANDON) EXISTING AIR CONDITIONING UNIT 51-ACU-17 IN THE CEILING SPACE AS SHOWN. CUT REMOVE PORTION AND TEMPORARILY CAP REMAINING EXISTING SUPPLY AND RETURN AIR DUCT AT THE LOCATION SHOWN.
2. REMOVE AND DISPOSE OF EXISTING CONDENSER UNIT 51-CND-17. CUT FLEX. CONN. TO THE UNIT AND TEMPORARILY CAP EXISTING CONDENSER INTAKE AND DISCHARGE AIR DUCTWORK AS REQUIRED.
3. REMOVE AND DISPOSE OF EXISTING CONDENSATE DRAIN PIPE AS SHOWN.
4. REMOVE AND DISPOSE OF ALL EXISTING REFRIGERANT PIPING BETWEEN CONDENSER UNIT AND AIR CONDITIONING UNIT AS SHOWN.
5. CUT AND REMOVE PORTION OF EXISTING RETURN AIR DUCTWORK C/W THE FILTER AT THE LOCATION SHOWN. TEMPORARILY CAP EXISTING DUCTWORK.
6. REMOVE AND DISPOSE OF EXISTING SQUARE DIFFUSER, FLEXIBLE DUCT CONNECTION.
7. DISCONNECT EXISTING FORCE FLOW HEATER FROM ITS EXISTING CONTROLLER.
8. REMOVE AND DISPOSE OF EXISTING FORCE FLOW HEATER. CUT BACK AND MAKE SAFE EXISTING ELECTRICAL WIRING AND CONTROL WIRING.
9. CUT DRY WALL CEILING AND PROVIDE ACCESS IN THE CEILING SPACE FOR DEMOLITION OF THE EXISTING DUCTWORK. DO NOT DISTURB AND REMAIN INTACT DRY WALL CEILING WHERE EXISTING EXHAUST GRILLE IS LOCATED.
10. CONTRACTOR TO PROVIDE TEMPORARY COOLING AND/OR HEATING OF EQUAL CAPACITY AS PERMANENT EQUIPMENT DURING CONSTRUCTION TO MAINTAIN ROOM TEMPERATURE.
11. EXISTING BACS SPACE TEMPERATURE SENSOR.

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-32	092

KEY PLAN
CONCOURSE LEVEL

REVISIONS
△
△
△

AS-BUILT DRAWING

MORRISON HERSHFIELD
SUITE 300 – 125 COMMERCE VALLEY DRIVE WEST, MARKHAM, ON L3T 7W4
TEL: (416) 499-3110 FAX: (416) 499-9658

		YYYY/MM/DD
DRAWN	J. SUN	2012/04/01
CHECKED	S. JONES	2017/08/28
CORRECT	W. FARAJ	2017/08/28

SCALE 0 1 2m

SHEPPARD SUBWAY HVAC EQUIPMENT RELOCATION

SHEPPARD–YONGE STATION
CONCOURSE LEVEL
HVAC DEMOLITION

Plot Date: 28–AUGUST–2017

TORONTO TRANSIT COMMISSION
ENGINEERING DEPARTMENT

Dwg. No. SH35–1–M515 | Sheet No. 033

Y3 SCOPE OF WORK

PARTIAL PLAN (2 / G014)

(51P-345 - CONCOURSE LEVEL
JANITOR'S ROOM HVAC UPGRADE)

Y4 SCOPE OF WORK

PARTIAL PLAN (1 / G014)

(51P-326 - CONCOURSE LEVEL
COLLECTOR'S ANTE ROOM HVAC UPGRADE)

REFERENCE NOTES:

1. PROVIDE AND INSTALL NEW CEILING MOUNTED AIR CONDITIONING UNIT 51-ACU-17 AS SHOWN.
2. PROVIDE AND INSTALL NEW CEILING MOUNTED CONDENSER UNIT, 51-CND-17. REQUIRED FITTINGS AND ACCESSORIES AS SHOWN.
3. INTENTIONALLY RESERVED.
4. PROVIDE AND INSTALL NEW SUPPLY AND RETURN AIR DUCTWORK AND CONNECT TO THE EXISTING DUCTWORK AS SHOWN.
5. PROVIDE NEW FLEXIBLE SUPPLY AIR DUCTWORK AND RE-INSTALL EXISTING (TO MAIN DUCT) SUPPLY AIR CEILING DIFFUSER AT THE LOCATION SHOWN. BALANCE TO 70 L/S.
6. PROVIDE AND INSTALL NEW DUCTWORK TO EXISTING 300x300 DUCTWORK AS SHOWN.
7. PROVIDE AND INSTALL NEW INSULATED REFRIGERANT LINES AS SHOWN. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REFRIGERANT PIPING TO ENSURE THAT SIZES ARE ADEQUATE FOR EQUIPMENT DISTANCES AND REQUIRED CAPACITIES.
8. PROVIDE AND INSTALL NEW 25ø INSULATED CONDENSATE DRAIN PIPE C/W TRAP TO THE EXISTING DRAIN AS SHOWN.
9. PROVIDE AND INSTALL NEW THERMOSTAT IN THE COLLECTOR'S BOOTH AS SHOWN.
10. REFER TO STRUCTURAL TYPICAL DETAIL DWGS. FOR HANGER ROD ANCHOR DETAIL.
11. ALL UNIT INSTALLATION IS TO BE AT A SERVICEABLE HEIGHT (APPROX. 2m ABOVE FINISH FLOOR) AND CLEARANCES.
12. BALANCE EQUIPMENT SUPPLY/RETURN AIR FLOWS AS SHOWN.
13. INTENTIONALLY RESERVED.
14. PROVIDE AND INSTALL NEW DUCTWORK AND FLEXIBLE CONNECTION AS SHOWN.
15. PATCH AND MAKE GOOD DRY WALL CEILING AFTER NEW DUCTWORK COMPONENT AND OTHER INSTALLATION REQUIRED BY THIS RENOVATION.
16. CUT AND MODIFY T-BAR CEILING TO ACCOMODATE LINEAR SLOT DIFFUSER INSTALLATION AS SHOWN.
17. INSTALL BYPASS 250X150 AIR OUTLET C/W BALANCING DAMPER SET TO 111 L/S
18. OUT DOOR AIR AND EXHAUST AIR DUCTS OFFSET ABOVE UNIT 51-ACU-17 AND DROPS DOWN TO EXISTING DUCTS ELEVATION.
19. ALL WORK TO BE DONE AFTER TTC REVENUE HOURS. SECURE AND MAKE SAFE WORK AREA AT THE END OF CONTRACTOR'S WORKING HOURS TO GAIN SAFE ACCESS TO COLLECTORS BOOTH, ANTE ROOM, AND WASHROOMS DURING TTC REVENUE HOURS.
20. EXISTING BACS SPACE TEMPERATURE SENSOR.

KEY PLAN
(CONCOURSE LEVEL)

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-33	093

REVISIONS

AS-BUILT DRAWING

MORRISON HERSHFIELD
SUITE 300 – 125 COMMERCE VALLEY DRIVE WEST, MARKHAM, ON L3T 7W4
TEL: (416) 499-3110 FAX: (416) 499-9658

		YYYY/MM/DD
DRAWN	B. TAGHVAEI	2012/04/01
CHECKED	S. JONES	2017/08/28
CORRECT	W. FARAJ	2017/08/28

SCALE 0 1 2m

SHEPPARD SUBWAY HVAC EQUIPMENT RELOCATION

SHEPPARD – YONGE STATION

CONCOURSE LEVEL
NEW HVAC

Plot Date: 28-AUGUST-2017

TORONTO TRANSIT COMMISSION
ENGINEERING DEPARTMENT

Dwg. No. SH35-1-M535 | Sheet No. 052

PLAN 2-2 (S-256)
MEZZANINE LEVEL

SECTION 7-7

SECTION 8-8

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-34	094

REVISIONS

1	CO.20	BULKHEAD DELETED DROP
J.S.	3/12/70	SLAB & BRACKETS ADDED
2	CO.27	NORTH END REVISED
B.F.	25/1/78	
	CO. / /	
	CO. / /	
	CO. / /	
	CO. / /	

S-257	114	SECTIONS
S-256	113	LONGITUDINAL SECTIONS
S-254	111	TRACK LEVEL PLAN
Y7-S-1	34	KEY PLAN

REFERENCE DRAWINGS

APPROVED

TORONTO TRANSIT COMMISSION
SUBWAY CONSTRUCTION

CHIEF ENGINEER

GENERAL MANAGER

DRAWN JOHN LELIS DEC 11/69
CHECKED
CORRECT

SCALE 1/4" = 1'-0

TORONTO TRANSIT COMMISSION
SUBWAY CONSTRUCTION

YONGE SUBWAY NORTHERN EXTENSION

SHEPPARD STATION

UNIT Y5426

MEZZANINE LEVEL PLAN

DWG. NO. Y7-S-255 | 112

CONTRACT Y7 DWG. No. 112 SHEET No.

SECTION 3 – 3

S-254, S-255

SECTION 4 – 4

S-254, S-255

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-35	095

CONTRACT No. Y7 SHEET No. 113

REVISIONS

1	CO.20 J.S. 7/10/70	STEEL BEAM LOWERED & CROP SLAB ADDED.
2	CO.27 B.F. 2/11/71	NORTH END REVISED.
3	CO.31 J.S. 7/5/71	BULKHEAD DELETED
	CO. / /	
	CO. / /	
	CO. / /	

S-257	114	SECTIONS
S-255	112	MEZZANINE LEVEL PLAN
S-254	111	TRACK LEVEL PLAN
Y7-S-1	34	KEY PLAN

REFERENCE DRAWINGS

APPROVED

TORONTO TRANSIT COMMISSION SUBWAY CONSTRUCTION

MANAGER OF ENGINEERING

CHIEF ENGINEER

GENERAL MANAGER

DRAWN JOHN LELIS DEC. 12/69

CHECKED

CORRECT

SCALE 1/4" = 1'-0

TORONTO TRANSIT COMMISSION

SUBWAY CONSTRUCTION

YONGE SUBWAY NORTHERN EXTENSION

SHEPPARD STATION

UNIT Y 5426

LONGITUDINAL SECTIONS

DWG. NO. Y7-S-256 113

SECTION 5-5

(S-254, S-255)

FOR MAIN REINFORCING SEE SECTION 4-4, DWG. S-253.

SECTION 6-6

(S-254, S-255)

REFERENCE DRAWING

Contract/Reference No.	Sheet No.
SH35-8-REF-36	096

REVISIONS	
1 CO.20 J.S. 3/22/71	BULKHEAD DELETED DROP SLAB AND BRACKETS ADDED.
CO. / /	STEEL BEAM AND BRACKET LOWERED.
CO. / /	
2 CO.27 B.F. 2/21/71	NORTH END REVISED
3 CO.31 J.S. 7/6/71	BULKHEAD DELETED
CO. / /	

S-256	113	LONGITUDINAL SECTIONS
S-255	112	MEZZANINE LEVEL PLAN
S-254	111	TRACK LEVEL PLAN
Y7-S-1	34	KEY PLAN

REFERENCE DRAWINGS

APPROVED

TORONTO TRANSIT COMMISSION SUBWAY CONSTRUCTION

CHIEF ENGINEER

GENERAL MANAGER

DRAWN JOHN LEIJS NOV. 20/68

CHECKED

CORRECT

SCALE

TORONTO TRANSIT COMMISSION

SUBWAY CONSTRUCTION

YONGE SUBWAY NORTHERN EXTENSION

SHEPPARD STATION

UNIT Y5426

SECTIONS

DWG. NO. Y7-S-257 114

CONTRACT Y7 DWG. NO. 114 SHEET NO.