ABBREVIATIONS

1. UNIT

m	METER
mm	MILLIMETER
°	DEGREE
GA	GAUGE
NO	NUMBER
NOS	NUMBERS
PCS	PIECES
"	INCH
#	BAR NO/BAR SIZE

2. GENERAL

A BOLT	ANCHOR BOLT
ADD	ADDITIONAL
A/G	ABOVE GROUND
@	AT
BCD	BOLT CIRCLE DIAMETER
BOTT(BAR)	BOTTOM REINFORCEMENT
B/L	BATTERY LIMIT
BO DB	BOTTOM OF DUCT BANK
BOP	BOTTOM OF PIPE
BOT	BOTTOM OF TRENCH
CB	CATCH BASIN
CH PL	CHEQUERED PLATE
CJ	CONSTRUCTION JOINT
℄	CENTER LINE
CONC	CONCRETE
CSP	CARBON STEEL PIPE
CO	CLEAN OUT
COP	CENTER OF PIPE
CV	CONCRETE COVER
c/c	CENTER TO CENTER
D	DEPTH
DB	DUCT BANK
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
DP	DRAIN PIT
DPC	DAMP PROOF CONCRETE/COURSE
EL	ELEVATION LEVEL
ELEC	ELECTRIC
EMBED	EMBEDDED
EQ	EQUAL
EXIST	EXISTING
EXP JT	EXPANSION JOINT
FB	FLAT BAR
FDN	FOUNDATION
FFL	FINISHED FLOOR LEVEL
FGL	FINISHED GROUND LEVEL
FRP	FIBER REINFORCED POLYMER
FW	FIRE FIGHTING WATER
GFRP	GLASS FIBER REINFORCED PLASTIC
GRPP	GLASS REINFORCE POLYESTER PIPE
H	HEIGHT
H/D	HEAVY DUTY
HP	HIGH POINT
HWL	HIGH WATER LEVEL
ID	INSIDE DIAMETER
IL	INVERT LEVEL
IL BOD	INVERT BOTTOM OF OPEN DITCH
INST	INSTRUMENT
ISO JT	ISOLATION JOINT
JB	JUNCTION BOX
LEV	LEVEL
LD	LIGHT DUTY
LP	LOW POINT
LWL	LOW WATER LEVEL
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
M/L	MATCH LINE
NGL	NATURAL GROUND LEVEL
OCT	OCTAGON
OD	OUTSIDE DIAMETER
OWS	OILY WATER SYSTEM
PJ	PROJECTION
PB	PULL BOX
PCC	PLAIN CEMENT CONCRETE
PL	PLINTH LEVEL
PLT	PLATE
PVC	POLYVINYL CHLORIDE
PCD	PILE CENTER DIAMETER
R	RADIUS
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
REBAR	REINFORCING BAR
REF	REFERENCE
RL	ROAD LEVEL
REQD	REQUIRED
SMH	SEAL MANHOLE
SP	SUMP PIT
SPEC	SPECIFICATION
SQ	SQUARE
S/S	SUBSTATION
STD	STANDARD
t or THK	THICKNESS
TOC	TOP OF CONCRETE
TOD	TOP OF OPEN DITCH
TOE	TOP OF EMBEDDED STEEL
TOG	TOP OF GROUT
TOP(BAR)	TOP REINFORCEMENT
TOP	TOP OF PIPE
TOS	TOP OF STEEL
TYP	TYPICAL
U/G	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
VP	VALVE PIT
W	WIDTH
WL	WATER LEVEL
WWF	WELD WIRE FABRIC
W/	WITH
W/O	WITHOUT

LEGEND

FOR GENERAL

- HIGH OR LOW POINT LEVEL
- BATTERY LINE OR MATCH LINE
- CO-ORDINATES LINE
- REINFORCED CONCRETE
- PLAIN CONCRETE
- SLOPE
- PROPOSED FACILITIES
- EXISTING FACILITIES
- FENCE
- CENTER LINE

FOR PAVING

- 100 THK CONCRETE PAVING (LIGHT DUTY)
- 150 THK CONCRETE PAVING (HEAVY DUTY)
- ASPHALT PAVING (LIGHT DUTY)
- ASPHALT PAVING (HEAVY DUTY)
- GRAVEL PAVING
- ROAD
- LEVELING AREA
- STONE PITCHING
- RIDGE LINE
- DOWN

FOR SEWER AND DRAINAGE

- U/G PIPE
- MANHOLE FOR SEWERAGE SYSTEM
- MANHOLE FOR OWS
- CATCH BASIN
- DRAIN PIT(W/O COVER)
- DRAIN PIT(W/COVER)
- SUMP PIT(W/O COVER)
- SUMP PIT(W/COVER)
- VALVE PIT
- CLEAN OUT
- VENT PIPE
- CONCRETE PROTECTION

PLAN SECTION

FOR 22.5° SEAL TYPE (MANHOLE)

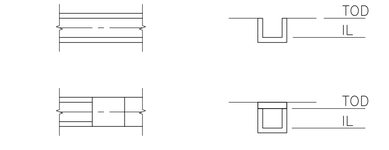
PLAN SECTION

FOR 90° SEAL TYPE (MANHOLE)

OPEN DITCH

V-DITCH

U-DITCH



WITH CONCRETE COVER
(FOR PERSONAL OR VEHICLE ACCESS)

WITH CH PL COVER
(FOR PERSONAL ACCESS)

CSP, PVC & UPVC GRP

AS BUILT

REV.	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED	APPR.
F0	26-04-2018	AS BUILT	MSL	MSH	SMM

CLIENT.

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REV. F0

PROJECT : KPD-TAY INTEGRATED DEVELOPMENT PROJECT PHASE-II

JOB NO.
165-4

TITLE : STANDARD DRAWING OF LEGEND AND ABBREVIATION

SIZE	SCALE	SHEET
A1	N.T.S	1