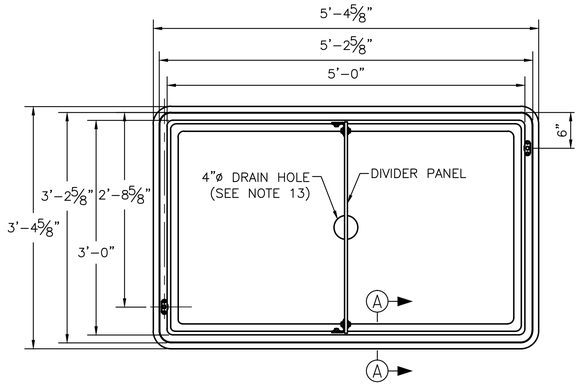
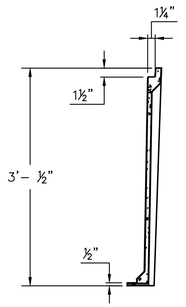
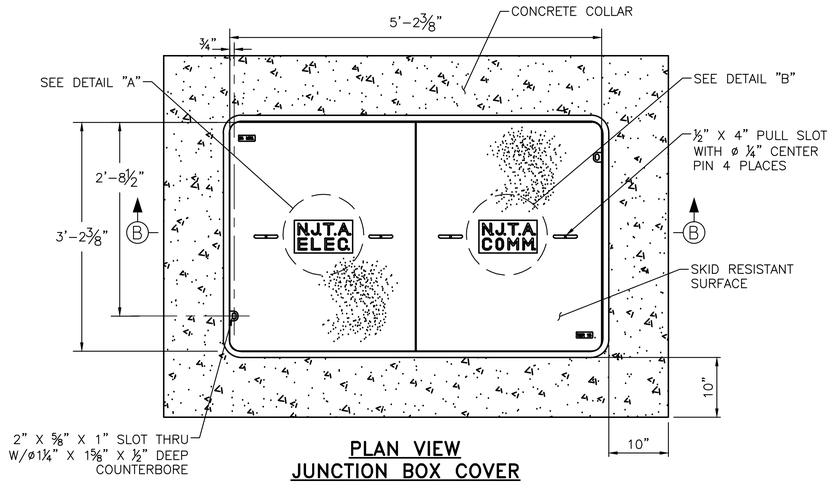


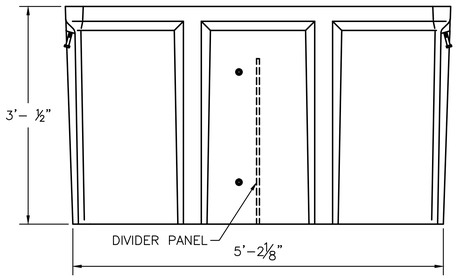
PLAN VIEW
SCALE: 1"=1'-0"



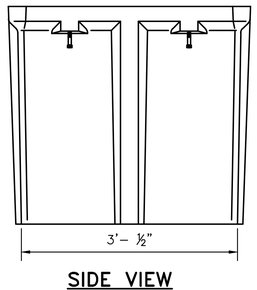
SECTION A-A
SCALE: 1"=1'-0"



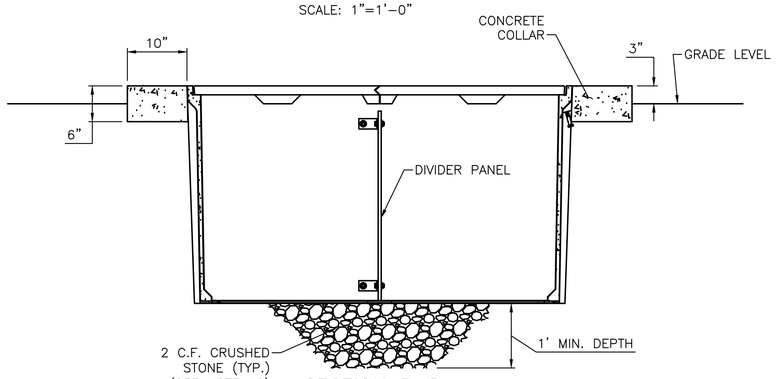
PLAN VIEW
JUNCTION BOX COVER
SCALE: 1"=1'-0"



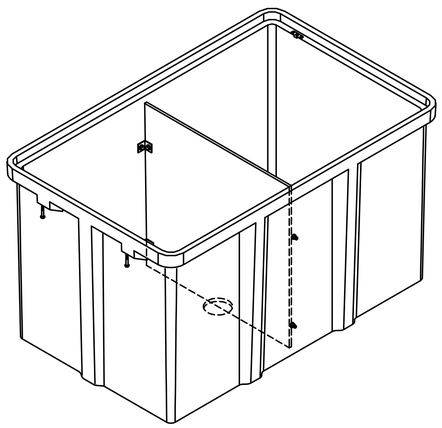
FRONT VIEW
SCALE: 1"=1'-0"



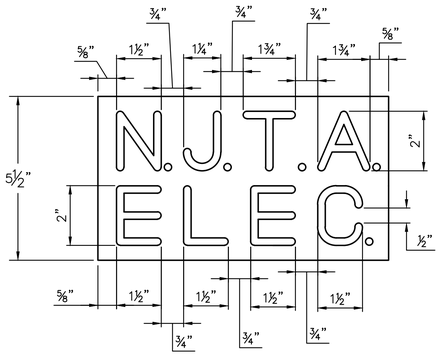
SIDE VIEW
SCALE: 1"=1'-0"



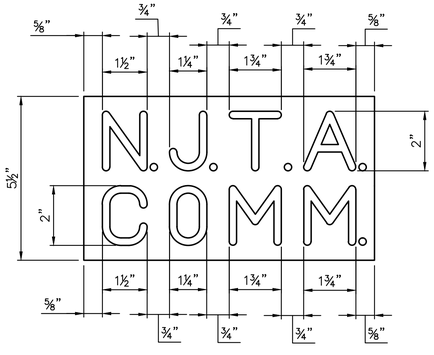
SECTION B-B
SCALE: 1"=1'-0"



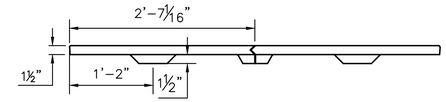
POLYMER CONCRETE
JUNCTION BOX TYPE PS
SCALE: 1"=1'-0"



DETAIL "A"
SCALE: 1"=1'-0"



DETAIL "B"
SCALE: 1"=1'-0"



FRONT VIEW
JUNCTION BOX COVER
SCALE: 1"=1'-0"

NOTES:

1. THE JUNCTION BOX AND COVER SHALL BE MADE OF POLYMER CONCRETE.
2. JUNCTION BOX SHALL HAVE A DIVIDER PANEL TO SEPARATE POWER/ELEC AND COMMUNICATIONS CONDUITS.
3. JUNCTION BOX SHALL BE CLOSED BOTTOM AND SHALL HAVE A 4" DIAMETER DRAIN HOLE AS SHOWN ON THE PLAN. BOTTOM SHALL BE SLOPED FOR PROPER DRAINAGE.
4. FIELD DRILL ALL CONDUIT ENTRANCES INTO THE JUNCTION BOX WITH A HOLE SAW OR HYDRAULIC HOLE PUNCH, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
5. CONDUITS SHALL EXTEND 1" MINIMUM TO 3" MAXIMUM BEYOND THE INSIDE WALL OF THE JUNCTION BOX.
6. CONDUIT ENTRANCE SHALL BE AS SHOWN ON THE CONTRACT PLANS.
7. N.J.T.A. ELEC. AND N.J.T.A. COMM. LOGO SHALL BE PERMANENTLY MOLDED ON TOP SURFACE OF JUNCTION BOX COVER. SEE DETAILS "A" AND "B" FOR DIMENSIONS.
8. JUNCTION BOX COVER SHALL BE RATED FOR A STATIC DESIGN LOAD OF 15,000 (FIFTEEN THOUSAND) LBS OVER A 10" X 10" AREA.
9. CONSTRUCT A 6" THICK AND 10" WIDE CLASS "C" CONCRETE COLLAR AROUND JUNCTION BOX COVER AS SHOWN.
10. A CONCRETE COLLAR IS REQUIRED ONLY WHEN JUNCTION BOX IS INSTALLED IN EARTH AREAS.
11. JUNCTION BOX SHALL BE INSTALLED WHILE MAINTAINING A MAXIMUM PULLING DISTANCE OF 250 FT UNLESS DIRECTED OTHERWISE ON THE CONTRACT PLANS.
12. TWO (2) CUBIC FEET OF CRUSHED STONE SHALL BE PLACED BENEATH THE JUNCTION BOX WITH A MINIMUM DEPTH OF ONE (1) FOOT.

	BY	DATE
MADE	AG	08/2010
TRACED	GS	08/2010
CHECKED	MS	08/2010
SUPERVISED	ALB	08/2010

0 ½ 1 2 3 4
ORIGINAL SIZE IN INCHES

APP.	NO.	DATE	REVISION
	C	10/2013	CONFORMED DRAWING

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
JUNCTION BOX TYPE PS

HNTB 9 ENTIN ROAD, SUITE 202. PARSIPPANY, NJ 07054 – COA# 24GA28000700
ANTHONY L. BARTELLO
New Jersey Professional Engineer License No. GE 45842

STANDARD DRAWING
ITS-28

CONTRACT NO. SHEET NO. OF

ACAD FILE NAME: NJTA-SD ITS-28.dwg Layout: .Layout1

MASTER FILE: "S:\NJTA\Standards Drawings\Working Files\ITS\NJTA-SD ITS-28.dwg" LAST SAVED DATE: Oct 22, 2013 - 17:03 BY: MCrosley
DO NOT MODIFY THIS DRAWING. ANY MODIFICATIONS MUST BE MADE TO THE MASTER FILE.