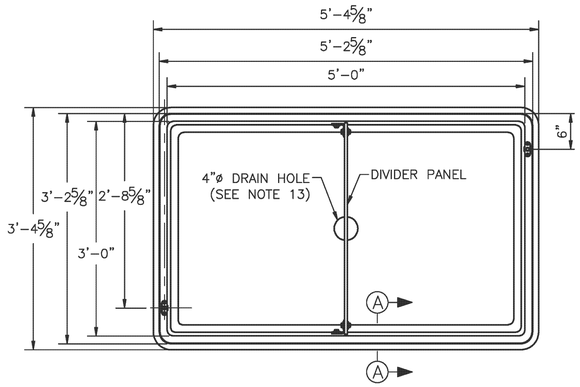
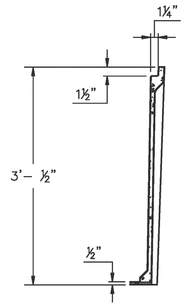
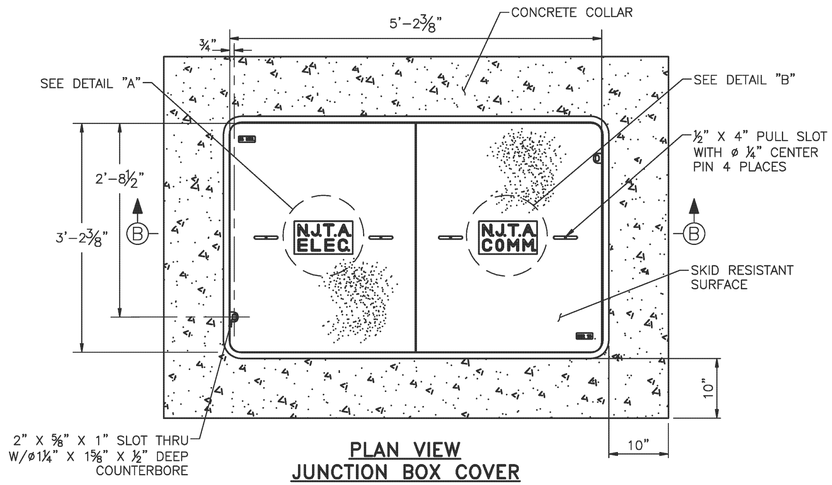


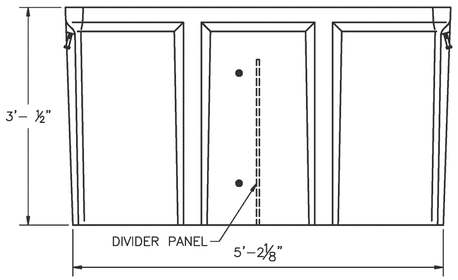

## PLAN VIEW
SCALE: 1"=1'-0"



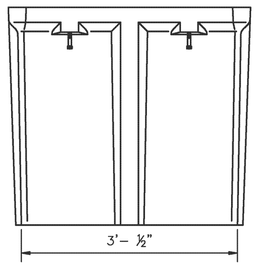

## SECTION A-A
SCALE: 1"=1'-0"



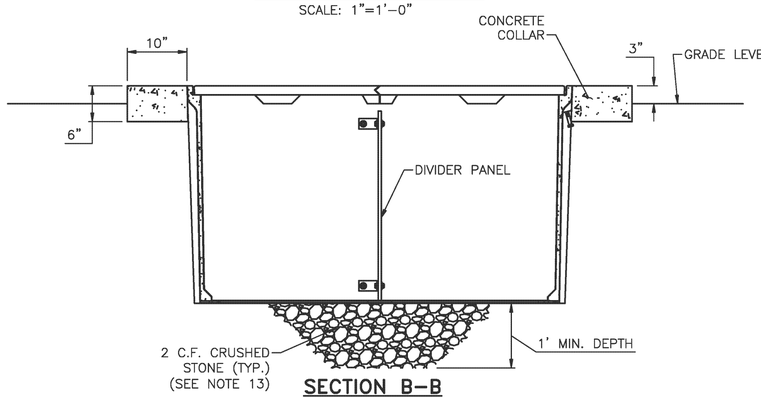

## PLAN VIEW JUNCTION BOX COVER
SCALE: 1"=1'-0"



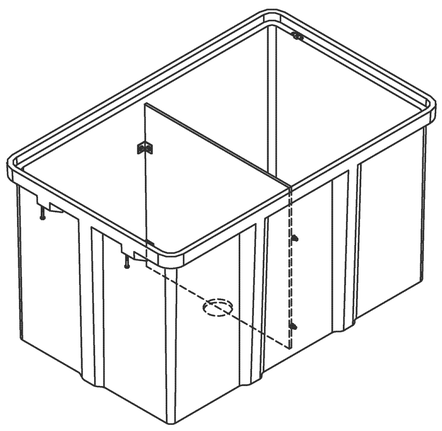

## FRONT VIEW
SCALE: 1"=1'-0"



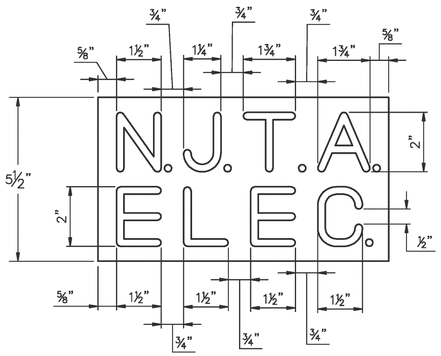

## SIDE VIEW
SCALE: 1"=1'-0"



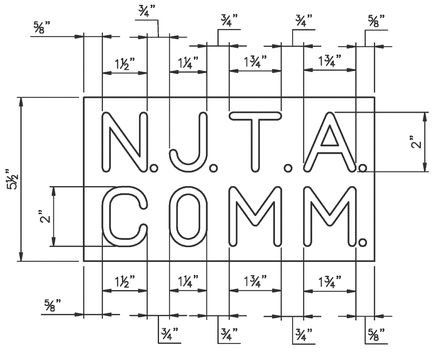

## SECTION B-B
SCALE: 1"=1'-0"



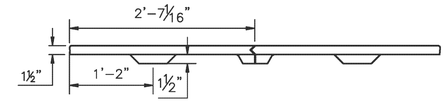
## POLYMER CONCRETE JUNCTION BOX TYPE PS
SCALE: 1"=1'-0"




## 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 5,000 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. JUNCTION BOX SHALL BE AS MANUFACTURED BY CDR, PART NO. TA24-3660-36WB-0579 OR QUAZITE PART NO. PG3660DC36 (JUNCTION BOX WITH DIVIDER) AND PG3660HA00 (JUNCTION BOX COVER).
13. 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 |
|---|---|---|---|
| | 0 | 08/2010 | ORIGINAL DRAWING |

NEW JERSEY TURNPIKE AUTHORITY
**NEW JERSEY TURNPIKE**

JUNCTION BOX TYPE PS

HNTB 145 RT. 46 WEST, SUITE 400 WAYNE, NJ 07470 - COA# 24GA28000700
ANTHONY L. BARTELLO
N.J.P.E. License No. GE 45842

STANDARD DRAWING
ITS-28

CONTRACT NO. SHEET NO. OF

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

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