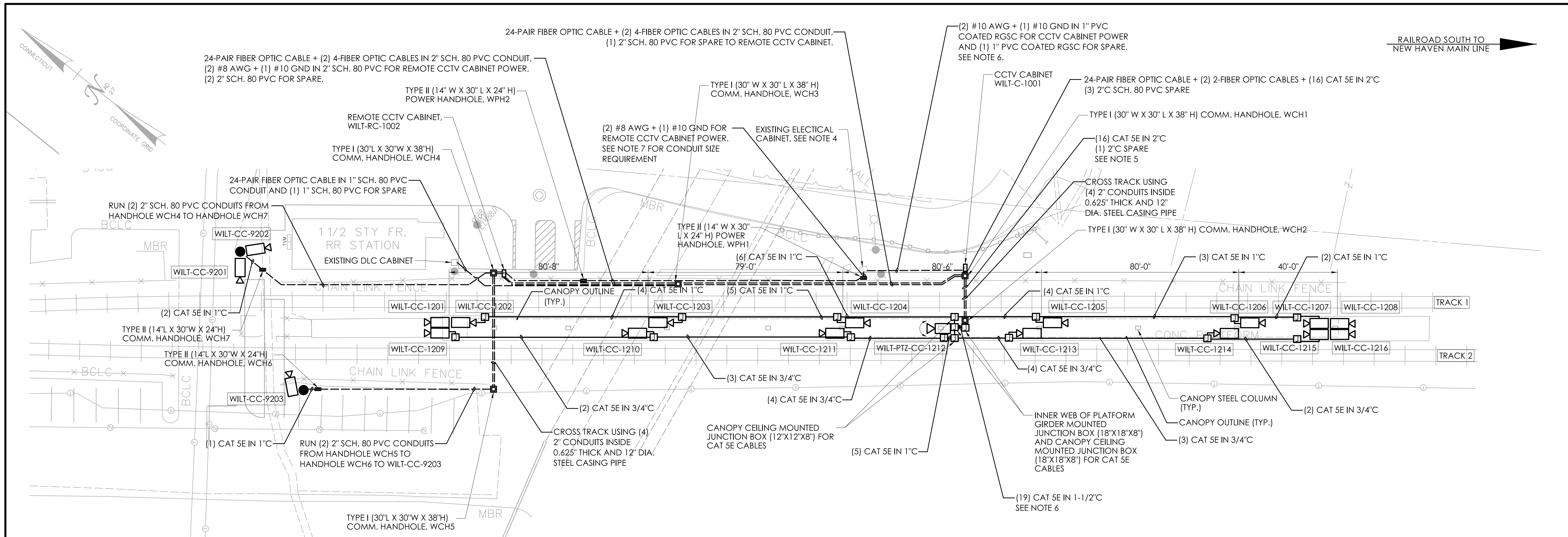


Town of Wilton Train Stations:

- Wilton
- Cannondale



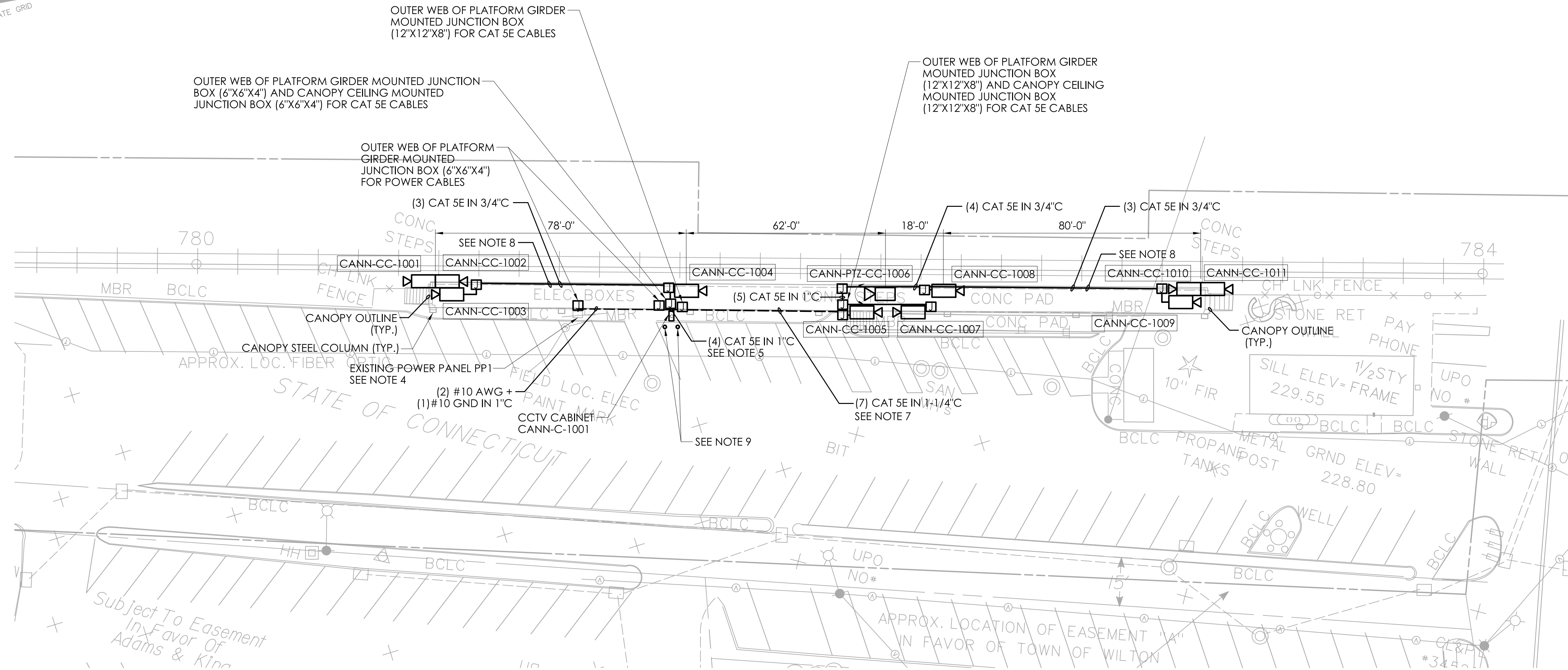
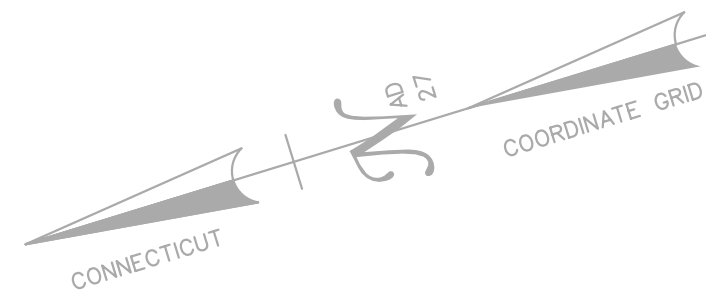
WILTON STATION CAMERA LAYOUT

SCALE: 1"=20'

GENERAL NOTES:

- SEE DWG. G-002 FOR ELECTRICAL GENERAL NOTES. SEE DWG. G-003 FOR ELECTRICAL ABBREVIATIONS AND LEGEND.
- SEE DWG. FCI-352 FOR CAMERA SCHEDULE.
- SEE DWG. FCI-353 FOR DEVICE CONNECTIVITY DIAGRAM.
- THE CONTRACTOR SHALL FURNISH AND INSTALL (2) 20A-1P CIRCUIT BREAKER INSIDE EXISTING POWER PANEL, PP1, LOCATED IN MAIN ELECTRICAL CABINET. (1) 20A-1P CIRCUIT BREAKER SHALL FEED POWER TO CCTV CABINET AND (1) 20A-1P CIRCUIT BREAKER SHALL FEED POWER TO REMOTE CCTV CABINET. NEW CIRCUIT BREAKER SHALL MATCH EXISTING MANUFACTURER AND AIC RATING.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TYPE I CONCRETE HANDHOLE (30"L X 30"W X 38"H) WITH GASKETED COVER AND TYPE II CONCRETE HANDHOLE (14"W X 30"L X 24"H) AS SHOWN ON THIS DRAWING.
- THE CONTRACTOR SHALL FURNISH AND INSTALL (2) #10 AWG + (1) #10 GND IN (1) 1" PVC COATED CONDUIT FROM EXISTING POWER PANEL "PP1" LOCATED IN MAIN ELECTRICAL PAD MOUNT CABINET TO PROPOSED CCTV CABINET AS SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL CORE DRILL THRU BOTTOM OF THE EXISTING ELECTRICAL CABINET AND INSTALL PVC COATED CONDUIT ALONG WITH EXPANSION FITTING.
- THE CONTRACTOR SHALL FURNISH AND INSTALL (2) #8 AWG + (1) #10 GND IN (1) 1" PVC COATED CONDUIT AND (1) PVC COATED SPARE CONDUIT FROM EXISTING POWER PANEL "PP1" LOCATED IN MAIN ELECTRICAL PAD MOUNT CABINET TO FIRST TYPE II CONCRETE HANDHOLE, WPH-1. RUN (2) 2" SCHEDULE 80 PVC CONDUITS FROM WPH-1 TO WPH-2 TO PROPOSED REMOTE CCTV CABINET AS SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL CORE DRILL THRU BOTTOM OF THE EXISTING ELECTRICAL CABINET AND INSTALL PVC COATED CONDUIT ALONG WITH EXPANSION FITTING. SPARE CONDUIT SHALL BE CAPPED WITH PULL STRING INSTALLED.
- CCTV CABINET AND REMOTE CCTV CABINET SHALL BE MOUNTED ON MIN. 48" THICK CONCRETE PAD. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWING SHOWING NECESSARY REBARS FOR ENGINEER'S APPROVAL PRIOR TO PROCEED PAD INSTALLATION WORK. ALL INCOMING AND OUTGOING CONDUIT SHALL BE INSTALLED FROM BOTTOM OF THE CCTV CABINET AND REMOTE CCTV CABINET AND RUN UNDERGROUND TO APPROPRIATE COMM. HANDHOLES OR POWER HANDHOLE AS SHOWN ON THIS DRAWING. ALL INCOMING, OUTGOING CONDUITS AND SPARE CONDUITS SHALL BE SEALED AT THE CABINET WALL AND AT THE OPENING BY USING APPROVED MATERIAL.
- CONDUIT ON THIS SHEET SHALL BE MOUNTED ON INNER WEB OF PLATFORM CONCRETE GIRDER. ALL ABOVE GROUND CONDUITS SHALL BE PVC COATED RGSC, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL SUBMIT DETAIL CONDUIT INSTALLATION PLAN FOR ENGINEER'S APPROVAL PRIOR TO PROCEED CONDUIT INSTALLATION WORK.
- THE CONTRACTOR SHALL FURNISH AND INSTALL (2) 1-1/2" PVC COATED CONDUITS FROM INNER WEB OF PLATFORM CONCRETE GIRDER MOUNTED JUNCTION BOX (18"W X 18"L X 8"D) UP TO CANOPY CEILING. ROUTE CONDUIT ALONG CANOPY STEEL COLUMN TO CANOPY CEILING AND RUN HORIZONTALLY IN CANOPY STEEL BEAM TO PROPOSED CAMERA JUNCTION BOX.
- THE CONTRACTOR SHALL INSTALL JUNCTION BOX TO COMPLY NEC WIRE PULL REQUIREMENT. JUNCTION BOX SHALL BE SIZED PER NEC.

REV.	DATE	REVISION DESCRIPTION



CANNONDALE STATION CAMERA LAYOUT
SCALE: 1"=20'

GENERAL NOTES:

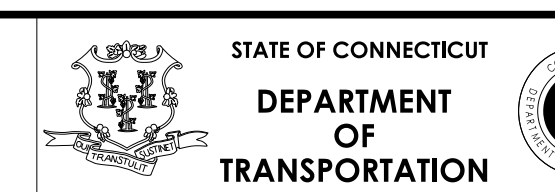
1. SEE DWG. G-002 FOR ELECTRICAL GENERAL NOTES. SEE DWG. G-003 FOR ELECTRICAL ABBREVIATIONS AND LEGEND.
2. SEE DWG. FCI-342 FOR CAMERA SCHEDULE.
3. SEE DWG. FCI-343 FOR DEVICE CONNECTIVITY DIAGRAM.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL 20A-1P CIRCUIT BREAKER INSIDE EXISTING POWER PANEL, PP1, LOCATED IN MAIN ELECTRICAL CABINET. NEW CIRCUIT BREAKER SHALL MATCH EXISTING MANUFACTURER AND AIC RATING.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL (2) #10 AWG + (1) #10 GND IN (1) 1" PVC COATED CONDUIT FROM EXISTING POWER PANEL "PP" LOCATED IN MAIN ELECTRICAL PAD MOUNT CABINET TO PROPOSED CCTV CABINET AS SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL CORE DRILL THRU BOTTOM OF THE EXISTING ELECTRICAL CABINET AND INSTALL PVC COATED CONDUIT ALONG WITH EXPANSION FITTING. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW JUNCTION BOX ON BACK SIDE OF PLATFORM CONCRETE GIRDER AND INSTALL (1) 1" PVC COATED POWER CONDUIT TO NEW CCTV CABINET.
6. CCTV CABINET SHALL BE MOUNTED ON MIN. 12" THICK CONCRETE PAD. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWING SHOWING NECESSARY REBARS FOR ENGINEER'S APPROVAL PRIOR TO PROCEED PAD INSTALLATION WORK. ALL INCOMING AND OUTGOING CONDUIT SHALL BE INSTALLED FROM BOTTOM OF THE CCTV CABINET AND RUN UNDERGROUND TO PLATFORM CONCRETE GIRDER MOUNTED JUNCTION BOX. THE CONTRACTOR SHALL INSTALL (1) 1-1/2" SPARE CONDUIT FROM CCTV CABINET TO PLATFORM CONCRETE GIRDER MOUNTED JUNCTION BOX. SPARE CONDUIT SHALL BE CAPPED WITH PULL STRING INSTALLED. ALL INCOMING, OUTGOING CONDUITS AND SPARE CONDUITS SHALL BE SEALED AT THE CCTV CABINET WALL AND AT THE OPENING BY USING APPROVED MATERIAL.
7. CONDUIT ON THIS SHEET SHALL BE MOUNTED ON BACK SIDE OF PLATFORM CONCRETE GIRDER. ALL ABOVE GROUND AND UNDERGROUND CONDUITS SHALL BE PVC COATED RGSC, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL SUBMIT DETAIL CONDUIT INSTALLATION PLAN FOR ENGINEER'S APPROVAL PRIOR TO PROCEED CONDUIT INSTALLATION WORK.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL PVC COATED CONDUITS FROM PLATFORM CONCRETE GIRDER MOUNTED JUNCTION BOX UP TO CANOPY CEILING. ROUTE CONDUIT ALONG CANOPY STEEL COLUMN TO CANOPY CEILING AND RUN HORIZONTALLY IN CANOPY STEEL BEAM TO PROPOSED CAMERA JUNCTION BOX.
9. THE CONTRACTOR SHALL INSTALL TWO (2) BOLLARDS IN FRONT OF NEW CCTV CABINET AS SHOWN IN THIS DRAWING. SEE DETAIL 4/FCI-643 FOR BOLLARD.
10. THE CONTRACTOR SHALL INSTALL JUNCTION BOX TO COMPLY NEC WIRE PULL REQUIREMENT. JUNCTION BOX SHALL BE SIZED PER NEC.

REV.	DATE	REVISION DESCRIPTION

DESIGNER/DRAFTER: T. LUY CHECKED BY: A. PATEL, P.E.

SCALE AS NOTED

SIGNATURE/BLOCK:



PROJECT NUMBER: 0300-0215
 PROJECT DESCRIPTION: NETWORK INFRASTRUCTURE UPGRADE FOR SECURITY - PHASE 4
 TOWN(S): CANNONDALE
 DRAWING TITLE: CANNONDALE STATION PLAN

DRAWING NO.
FCI-341
SHEET NO.