

PoDI / NHS

FHWA PROJECT OF DIVISION INTEREST (PoDI)? NO YES

NATIONAL HIGHWAY SYSTEM? NO YES

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

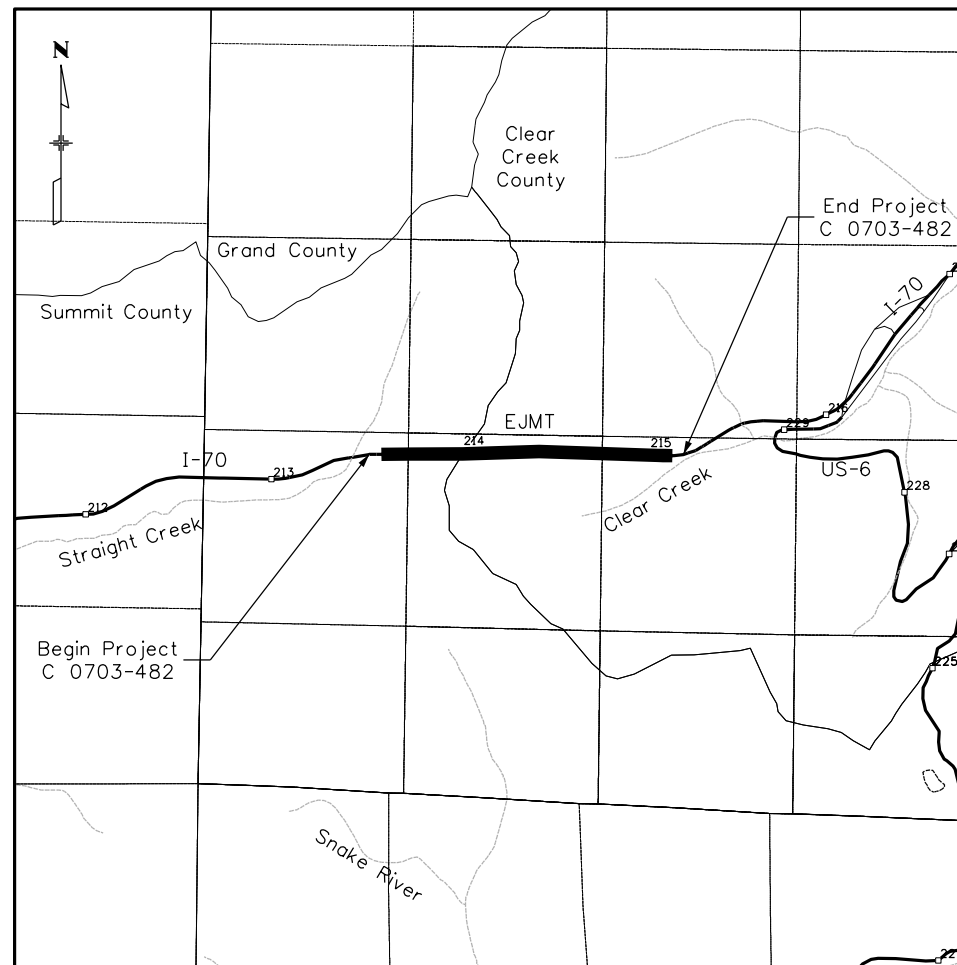
Related Projects:
P. E. UNDER PROJECT:
Project Number: **C 0703-482**
Project Code: **24210**

R.O.W. Projects:
R.O.W. Project Description

HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED FEDERAL AID PROJECT NO. C 0703-482 EISENHOWER/JOHNSON MEMORIAL TUNNELS DRAINAGE, PLUMBING, HEAT TRACE CLEAR CREEK COUNTY AND SUMMIT COUNTY CONSTRUCTION PROJECT CODE NO. 24210

TABULATION OF LENGTH & DESIGN DATA		
LOCATION	FEET	
	ROADWAY	MAJOR STR.
BEGIN PROJECT C 0703-482 APPROX. MP 213.5 ON I-70	0	
STRUCTURE F-13-X JOHNSON TUNNEL STRUCTURE F-13-Y EISENHOWER TUNNEL		8,959
END PROJECT C 0703-482 APPROX. MP 215.4 ON I-70	0	
TOTAL	0	8,959
SUMMARY OF PROJECT LENGTH	FEET	MILES
ROADWAY (NET LENGTH)	0	0
MAJOR STRUCTURE	8,959	1.70
PROJECT GROSS LENGTH	8,959	1.70

SHEET NO.	INDEX OF SHEETS
1	TITLE SHEET
2	TUNNEL SECTIONS
3	TYPICAL STANDPIPE AND WALL PANEL LAYOUT
4	ROADWAY LEVEL PLAN - WEST
5	LOWER LEVEL PLAN - EAST
6	POTABLE WATER PROCESS FLOW DIAGRAM
7-9	HEAT TRACE POWER PLAN
10-14	ELECTRICAL POWER PLAN
15	ELECTRICAL EQUIPMENT LOCATION



PROJECT LOCATION MAP

FINAL RFP
DECEMBER 16, 2021

CART7363 11:22:22 AM pw\1\SUSD036343.wsatkins.com\ATKNAC001\Documents\Roads and Bridges\Projects\24210 - EJM DPHT\Design\Drawings\Sheet_LFiles\24210DES_TitleSht.dgn

Print Date: 12/16/2021
File Name: 24210DES_TitleSht.dgn
Horiz. Scale: 1:1 Vert. Scale: As Noted
Unit Information: XXX
ATKINS 7604 Technology Way, Suite 400
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

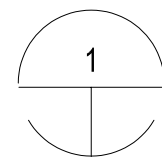
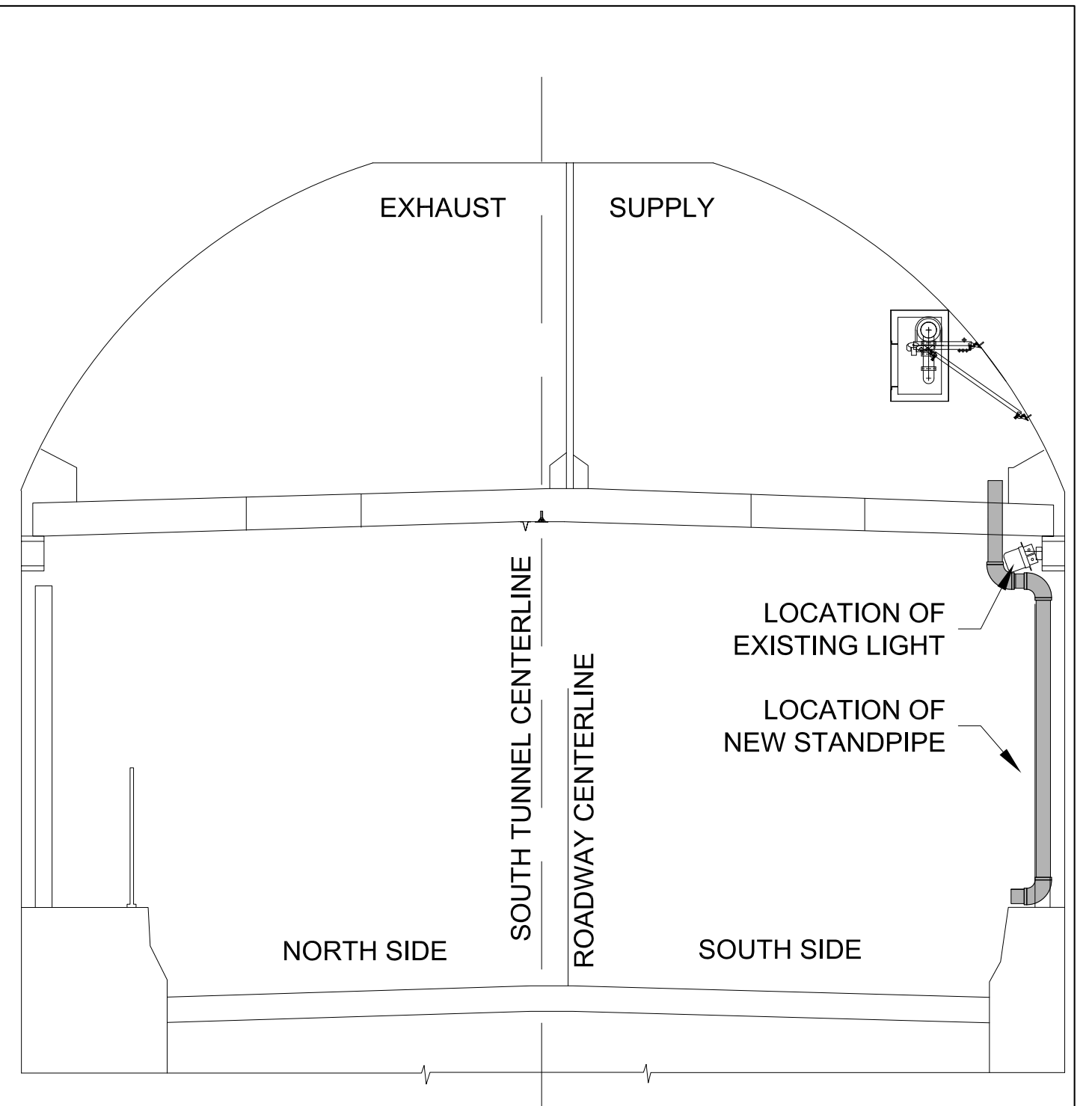
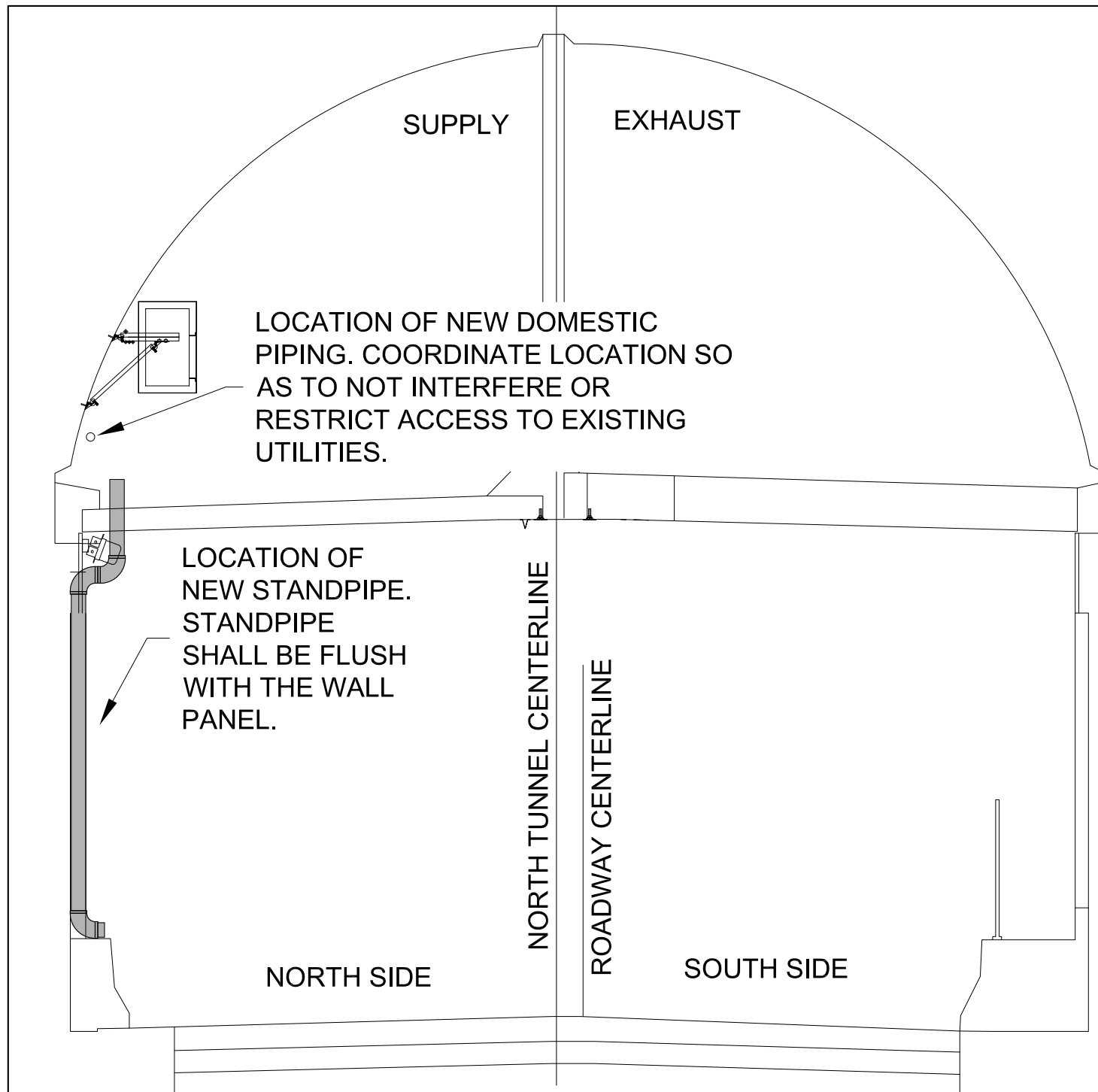
Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 2829 W. Howard Pl.
Denver, CO 80204
Phone: 303-512-4272
FAX: 303-757-9886
Region 1 XXX

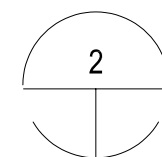
Preliminary
No Revisions:
Revised:
Void:

Contract Information
Contractor:
Resident Engineer:
Project Engineer:
PROJECT STARTED: / / ACCEPTED: / /
Comments:

Project No./Code
C 0703-482
24210
Sheet Number 01



1 NORTH TUNNEL SECTION - SCHEMATIC
SCALE:NTS



2 SOUTH TUNNEL SECTION - SCHEMATIC
SCALE:NTS

\$PLOT_INFO\$

Print Date: \$DATE\$
File Name: \$FILES\$
Horiz. Scale: Vert. Scale: As Noted
Unit Information

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

 2829 W. Howard Pl.
 Denver, CO 80204
 Phone: 303-512-4272
 FAX: 303-757-9886
 Region 1 XXX

Preliminary
No Revisions: _____
Revised: _____
Void: _____

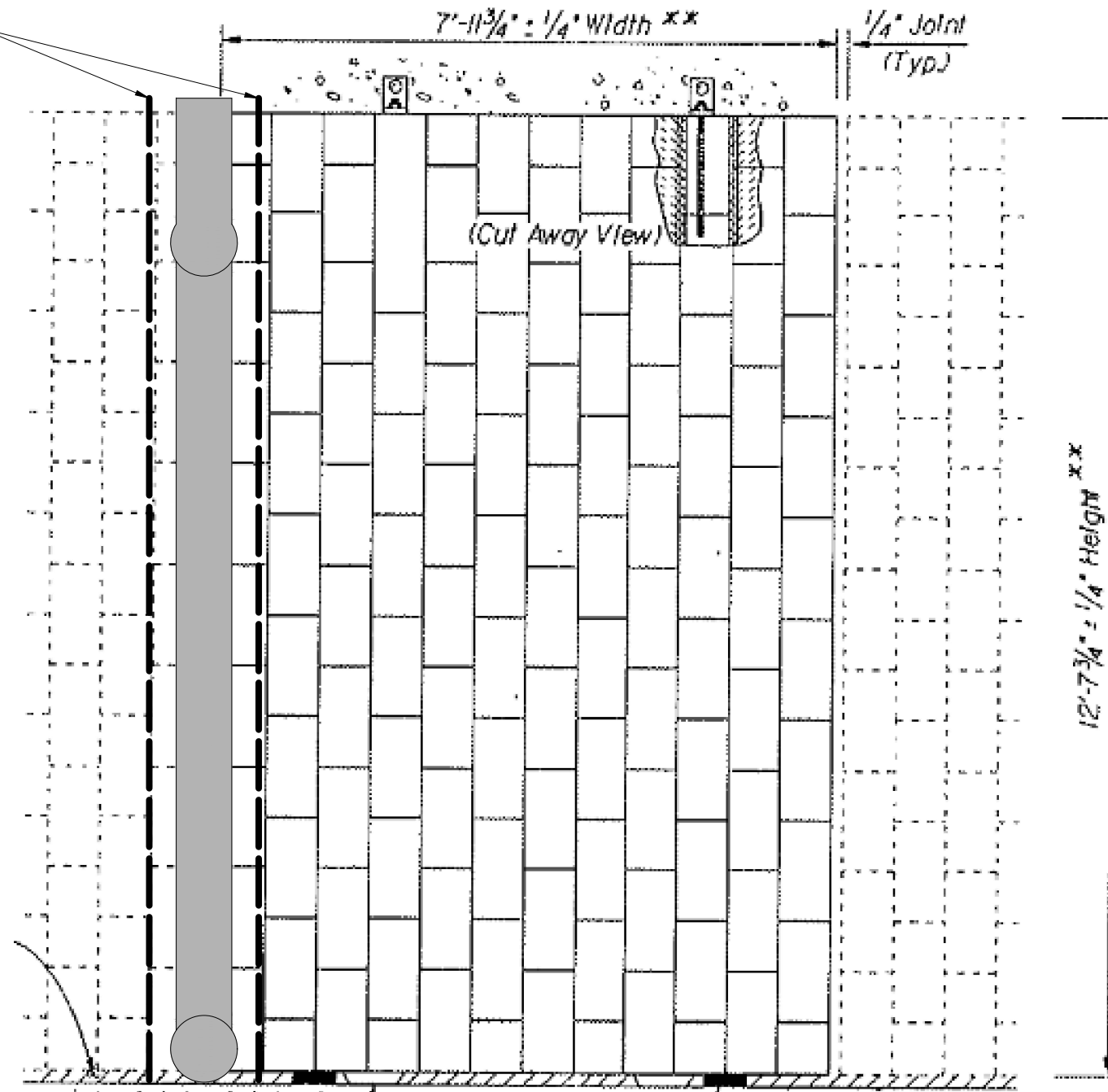
EJMT DPHT TUNNEL SECTION VIEWS SCHEMATIC EQUIPMENT LOCATION	
Designer:	Structure Numbers
Detailer:	
Sheet Subset:	Subset Sheets:

Project No./Code
C 0703-482
24210
Sheet Number 02

GENERAL NOTES

1. LOCATE STANDPIPE AT WALL PANEL JOINT ONLY. STANDPIPE SHALL NOT BE LOCATED IN THE CENTER OF THE PANEL. CUT PANEL AS REQUIRED TO ALLOW PENETRATIONS OR RECESSING OF THE PIPE IF IT CAN NOT BE FULLY CONCEALED BEHIND THE PANEL. FRONT OF PIPE SHALL BE FLUSH WITH THE WALL PANEL.
2. SAW CUT PANEL TO PROVIDE CLEARANCE FOR THE PIPE.

APPROXIMATE WIDTH OF SAW CUT



TYPICAL WALL PANEL

Print Date: \$DATE\$	
File Name: \$FILES\$	
Horiz. Scale: _____	Vert. Scale: As Noted
Unit Information	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2829 W. Howard Pl.
Denver, CO 80204
Phone: 303-512-4272
FAX: 303-757-9886

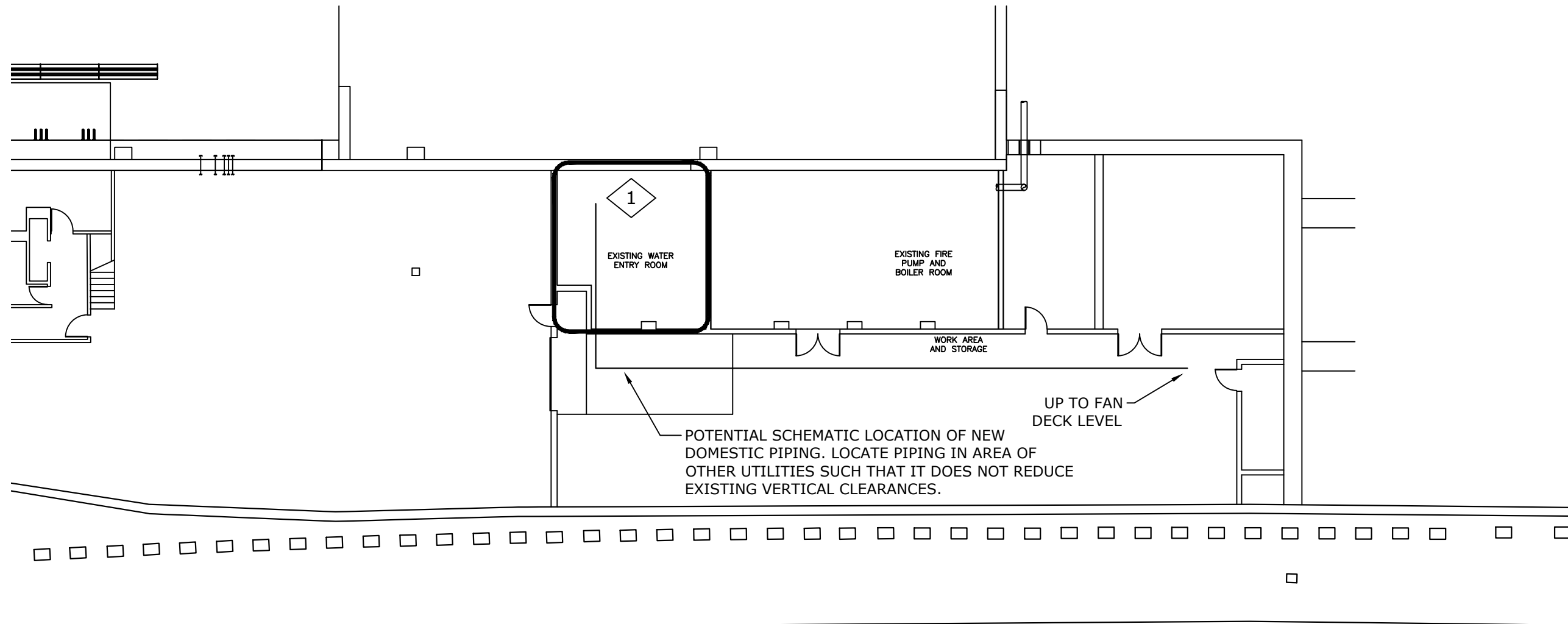
Region 1 XXX

Preliminary
No Revisions: _____
Revised: _____
Void: _____

EJMT DPHT TUNNEL SECTION VIEWS SCHEMATIC EQUIPMENT LOCATION	
Designer: _____	Structure Numbers _____
Detailer: _____	Subset Sheets: _____
Sheet Subset: _____	

Project No./Code	C 0703-482
	24210
Sheet Number	03

\$PLOT_INFO\$



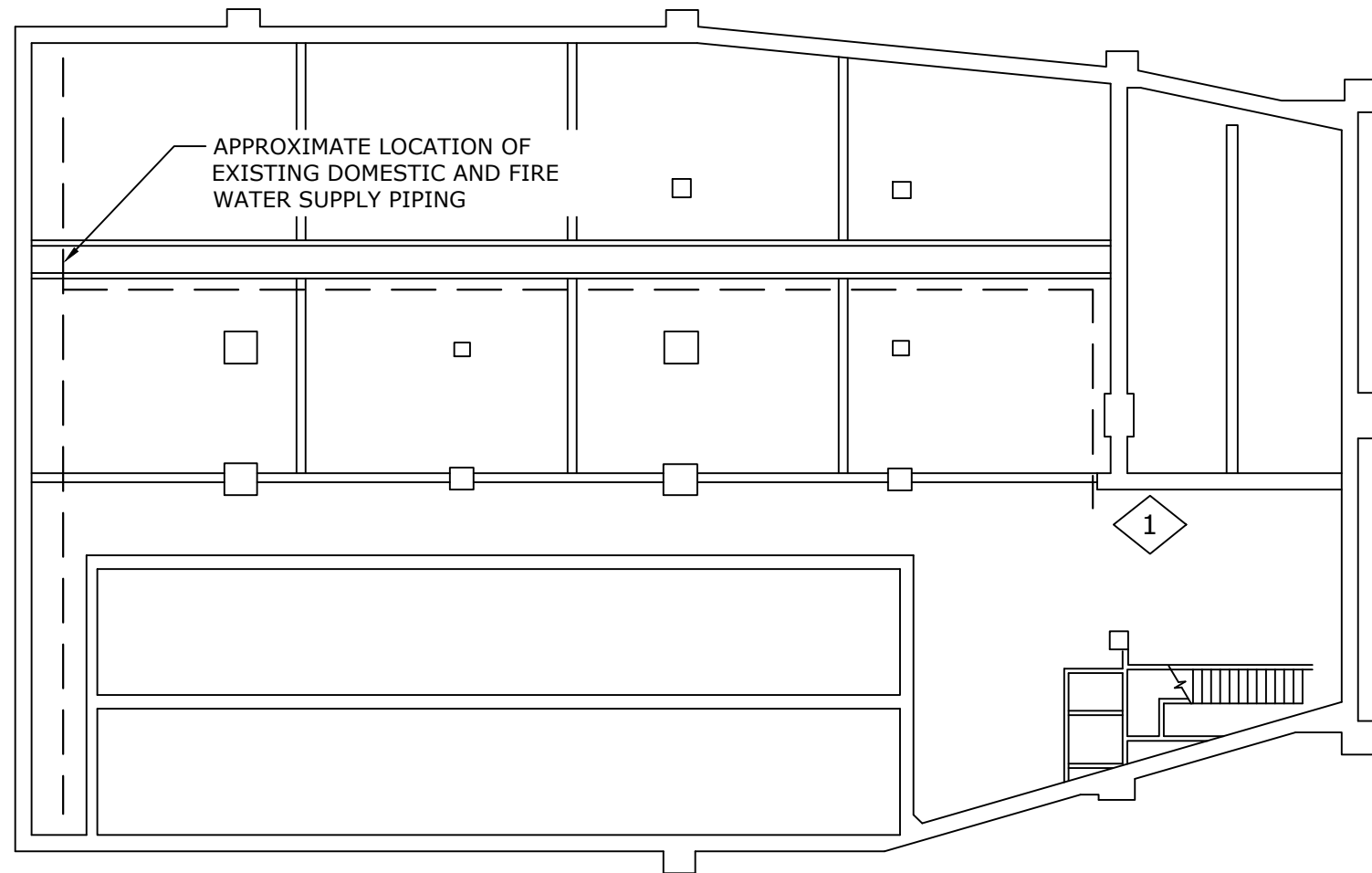
GENERAL NOTES:

1. DRAWING SHOWS POTENTIAL LOCATION AND ARRANGEMENT OF THE NEW DOMESTIC PIPING FROM THE NEW WATER TREATMENT EQUIPMENT. CONTRACTOR TO DETERMINE FINAL ARRANGEMENT OF ALL PIPING AND EQUIPMENT. NEW DOMESTIC WATER PIPING TO BE ROUTED TO FAN DECK LEVEL AND INTO NORTH SUPPLY PLENUM.

KEY NOTES:

1. LOCATION OF EXISTING DOMESTIC WATER ENTRY AND WATER TREATMENT SYSTEM. COORDINATE CONNECTION OF NEW DOMESTIC PIPING TO NEW WATER TREATMENT SYSTEM. EXISTING DOMESTIC WATER SUPPLY TO BE DISCONNECTED AND PROVIDED WITH A VALVE AND CAP WHERE IT IS DISCONNECTED FROM EXISTING SYSTEM.

Print Date: \$DATE\$ File Name: \$FILES\$ Horiz. Scale: Vert. Scale: As Noted Unit Information	Sheet Revisions			Colorado Department of Transportation  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-512-4272 FAX: 303-757-9886 Region 1 XXX	Preliminary		EJMT DPHT ROADWAY LEVEL-WEST WATER TREATMENT ROOM LOCATION		Project No./Code	
	Date:	Comments	Init.		No Revisions: _____	Designer:	Structure Numbers	C 0703-482		
	_____	_____	_____		Revised: _____	Detailer:	_____	24210		
	_____	_____	_____		Void: _____	Sheet Subset:	Subset Sheets:	Sheet Number 04		



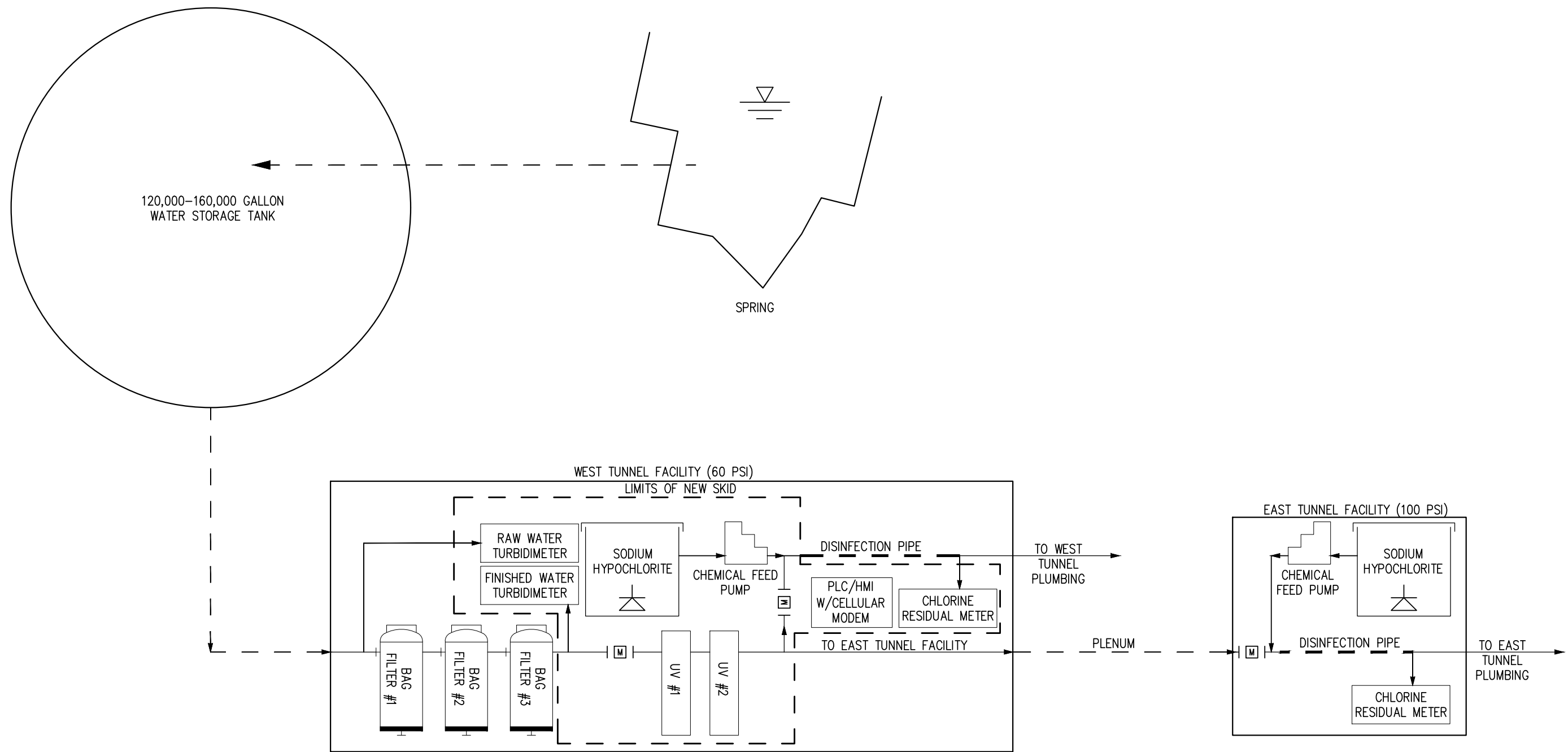
GENERAL NOTES:

1. DRAWING SHOWS GENERAL LOCATION AND ARRANGEMENT OF THE DOMESTIC PIPING TO THE NEW WATER TREATMENT EQUIPMENT. CONTRACTOR TO DETERMINE FINAL ARRANGEMENT OF ALL PIPING AND EQUIPMENT.

KEY NOTES:

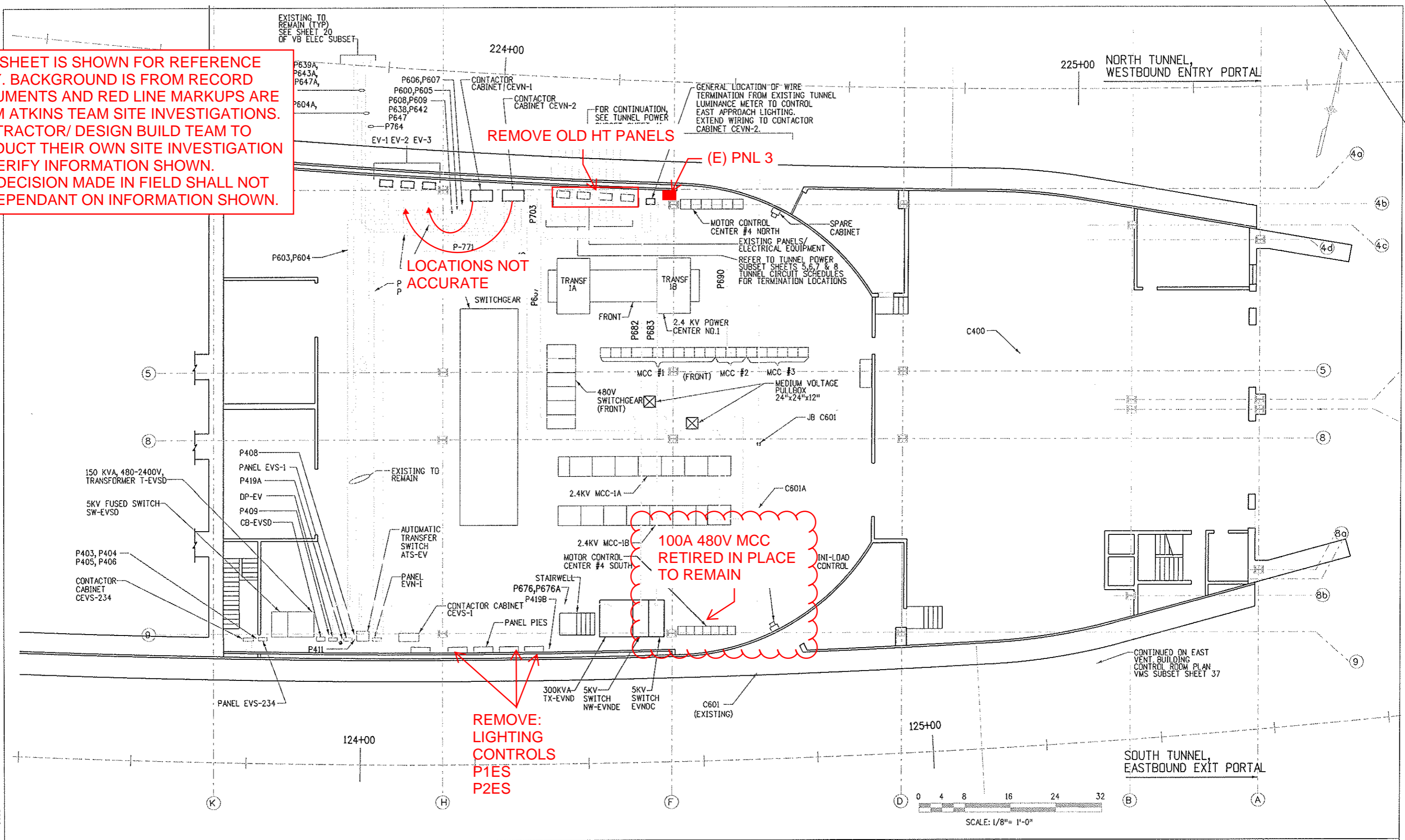
1. LOCATION OF EXISTING DOMESTIC WATER ENTRY AND WATER TREATMENT SYSTEM. CONNECT NEW DOMESTIC PIPING TO NEW WATER TREATMENT EQUIPMENT. PIPING TO BE ROUTED FROM NORTH PLENUM FAN DECK LEVEL TO WATER TREATMENT ROOM. EXISTING DOMESTIC AND FIRE WATER SUPPLY TO BE DISCONNECTED AND PROVIDED WITH A VALVE AND CAP WHERE IT IS DISCONNECTED FROM EXISTING SYSTEM.

Print Date: \$DATE\$ File Name: \$FILES\$ Horiz. Scale: Vert. Scale: As Noted Unit Information	Sheet Revisions			Colorado Department of Transportation  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-512-4272 FAX: 303-757-9886 Region 1 XXX	Preliminary		EJMT DPHT LOWER LEVEL-EAST WATER TREATMENT ROOM LOCATION		Project No./Code	
	Date:	Comments	Init.		No Revisions: _____	Designer:	Structure Numbers	C 0703-482		
	_____	_____	_____		Revised: _____	Detailer:	_____	24210		
	_____	_____	_____		Void: _____	Sheet Subset:	Subset Sheets:	Sheet Number 05		



Print Date: 12/6/21 File Name: WATER SYSTEM PFD.DWG Horiz. Scale: NOT TO SCALE Vert. Scale: As Noted Unit Information: INCHES	Sheet Revisions			Colorado Department of Transportation  2829 W. Howard Pl. Denver, CO 80204 Phone: 303-512-4272 FAX: 303-757-9886 Region 1	Preliminary		EJMT DPHT POTABLE WATER SYSTEM PROCESS FLOW DIAGRAM		Project No./Code																
	<table border="1"> <thead> <tr> <th>Date:</th> <th>Comments</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				Date:	Comments	Init.													No Revisions:		Designer: AS Detailer: MG Sheet Subset:		C 0703-482	
	Date:	Comments	Init.																						
0000			Revised:		Structure Numbers		24210																		
0000			Void:		Subset Sheets: 1 of 1		Sheet Number 06																		

THIS SHEET IS SHOWN FOR REFERENCE ONLY. BACKGROUND IS FROM RECORD DOCUMENTS AND RED LINE MARKUPS ARE FROM ATKINS TEAM SITE INVESTIGATIONS. CONTRACTOR/ DESIGN BUILD TEAM TO CONDUCT THEIR OWN SITE INVESTIGATION TO VERIFY INFORMATION SHOWN. ANY DECISION MADE IN FIELD SHALL NOT BE DEPENDANT ON INFORMATION SHOWN.

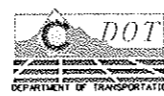


Design File Name: DGN&SPEC
 Plot File Name: \$PLOTFILE\$
 Date of Plot: \$\$\$DATE\$\$\$

Computer File Information	
Creation Date:	02/26/99 Initials: SL
Last Modification Date:	03/16/07 Initials: DJB
Full Path:	14102\800Deliv\AsBuilt\
Drawing File Name:	epp121en
Acad Ver.	R14 Scale: 1/8"=1'-0" Units: ENGLISH

Sheet Revisions	
07/03/07	ASBUILT DJB

Colorado Department of Transportation



P.O. BOX 399
 DUMONT, CO. 80436
 Phone: 303-512-5750 FAX: 303-512-5775

Region 1 Mountain Residency I.N.Z.

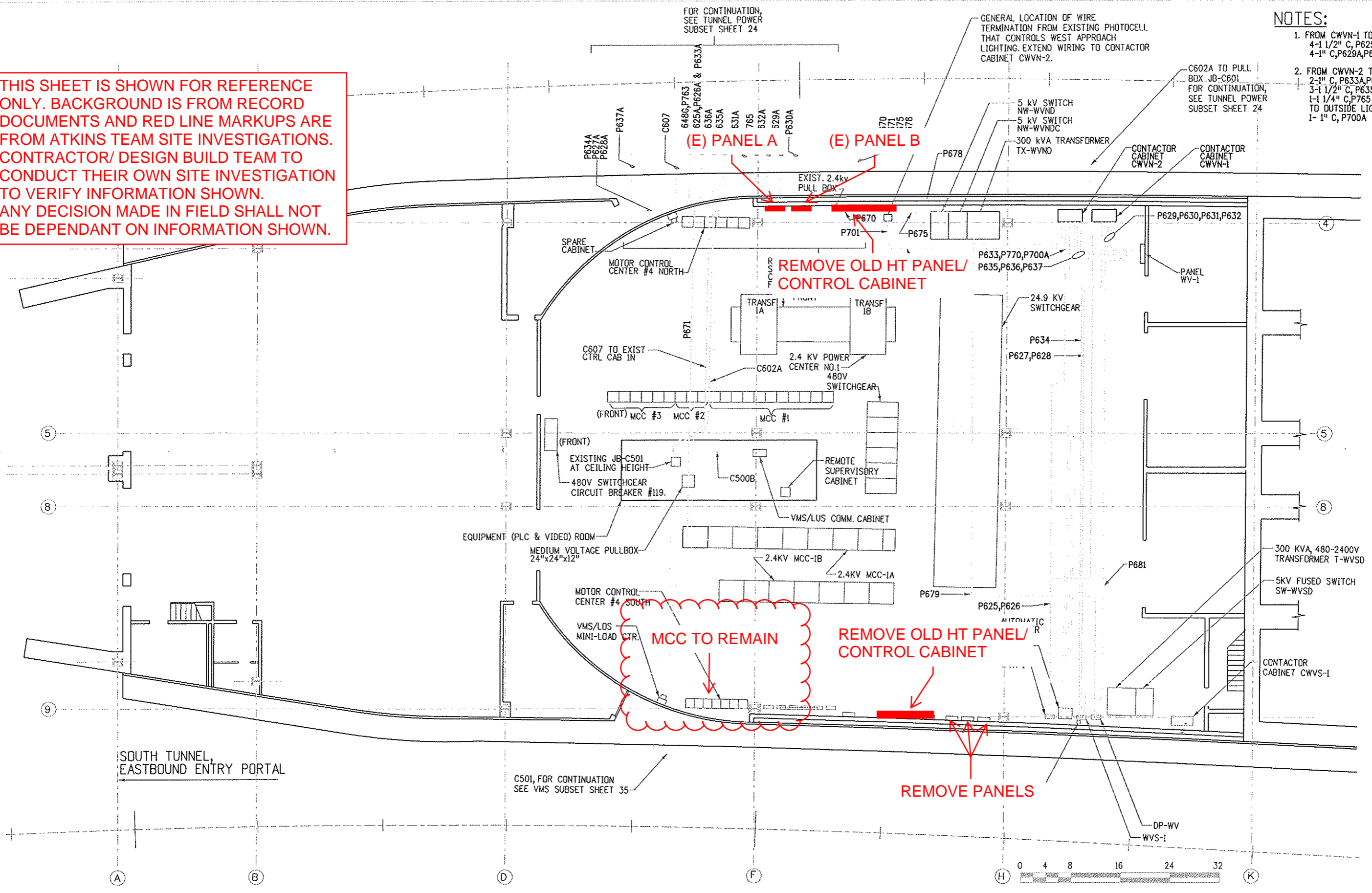
As Constructed
No Revisions:
Revised:
Void:

EAST VENT BUILDING ELECTRICAL POWER PLAN	
Designer:	E.A. GAYAMAT
Detailer:	R. MILLER
Sheet Subset:	VB ELEC
Structure Numbers	
Subset Sheets:	4 of 20

Project No./Code	
IM 0703-269	
13166	
Sheet Number	115

THIS SHEET IS SHOWN FOR REFERENCE ONLY. BACKGROUND IS FROM RECORD DOCUMENTS AND RED LINE MARKUPS ARE FROM ATKINS TEAM SITE INVESTIGATIONS. CONTRACTOR/ DESIGN BUILD TEAM TO CONDUCT THEIR OWN SITE INVESTIGATION TO VERIFY INFORMATION SHOWN. ANY DECISION MADE IN FIELD SHALL NOT BE DEPENDANT ON INFORMATION SHOWN.


- NOTES:**
1. FROM CWVN-1 TO SUPPLY DUCT
4-1 1/2" C, P625A, P626A, P627A, P628A
4-1" C, P629A, P630A, P631A, P632A
 2. FROM CWVN-2 TO SUPPLY DUCT
2-1" C, P633A, P634A
3-1 1/2" C, P635A, P636A, P637A
1-1 1/4" C, P765
TO OUTSIDE LIGHTING
1-1" C, P700A



Design File Name: DGN\$SPEC*
Plot File Name: \$PLOTFILE*
Date of Plot: \$\$\$DATE\$\$\$\$

Computer File Information	
Creation Date:	05/26/99 Initials: SFD
Last Modification Date:	05/21/07 Initials: DJB
Full Path:	014102\800Deliv\AsBuilt\
Drawing File Name:	eppl20wn
Acad Ver.	R14 Scale: 1/8" = 1'-0" Units: ENGLISH

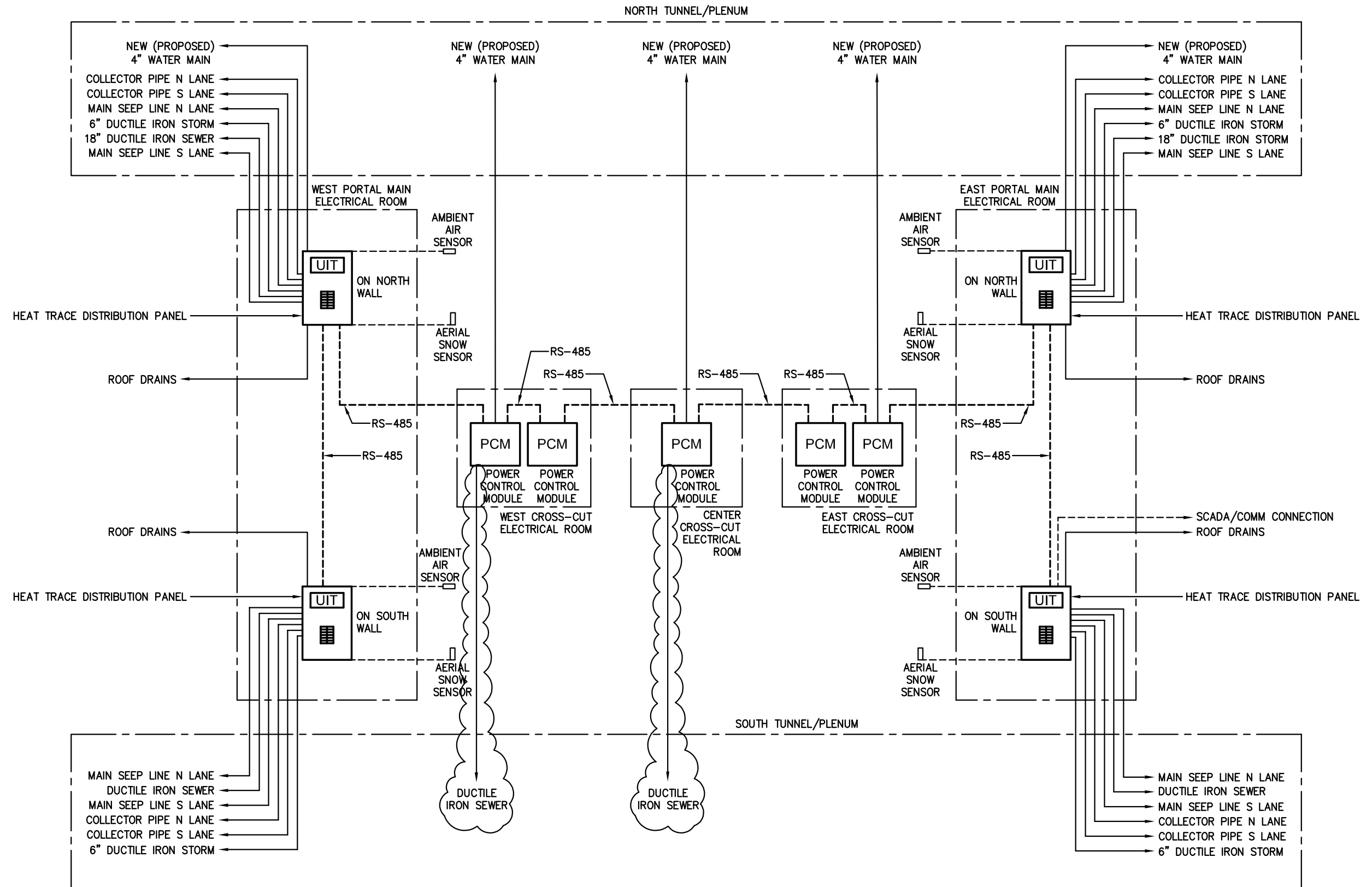
Sheet Revisions	
07/03/07	ASBUILT DJB

Colorado Department of Transportation

 P.O. BOX 399
 DUMONT, CO. 80436
 Phone: 303-512-5750 FAX: 303-512-5775
 Region 1 Mountain Residency I.N.Z.

As Constructed
 No Revisions:
 Revised:
 Void:

**WEST VENT BUILDING
 ELECTRICAL POWER PLAN**
 Designer: E.A. GAYAMAT
 Detailer: R. MILLER
 Sheet Subset: VB ELEC
 Structure Numbers:
 Subset Sheets: 6 OF 20

Project No./Code
 IM 0703-269
 13166
 Sheet Number 117



PK Electrical, Inc.
Engineering · Design · Consulting

681 Sierra Rose Dr., Ste. B | Reno, Nevada 89511 | 775.826.9010
 5105 DTC Parkway, Ste. 420 | Greenwood Village, CO 80111 | 720.481.3290
 pkelectrical.com © 2008-2011 PK Electrical, Inc.

DRAWN:	PKE
CHECKED:	LS
DATE:	11/12/2021
JOB NUMBER:	21047
PROJECT MGR:	AW

EISENHOWER/JOHNSON MEMORIAL TUNNEL PROPOSED HEAT-TRACE BLOCK DIAGRAM