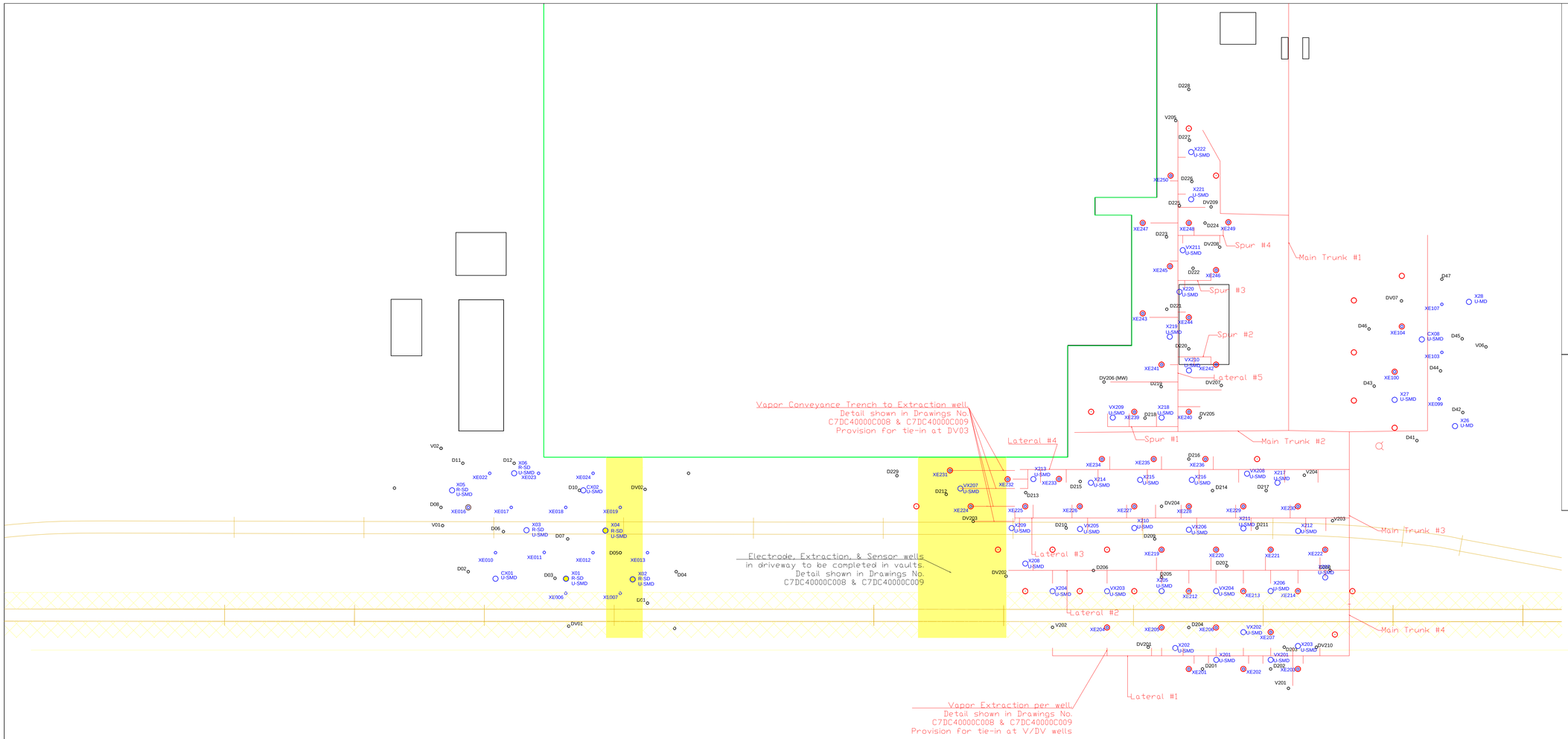

Note: Locations of PDS units and Distribution Panels will vary

Legend

Electrode Well ###
UCRS Depth - U
Shallow - S
Middle - M
Deep - D

20-60 ft Contour 3-Electrode Well

XE088 — Electrode Well w/ Upper Vapor Extraction

X18 U-SMD — Multi-phase Extraction Well

VX201 U-SMD — Vapor Extraction Well

D40 — digiTAM Temperature Sensor Well

DV04 — Vacuum Monitoring/digiTAM Well
(MW) indicates combined vacuum/ digiTAM / monitoring well location

V02 — Vacuum Monitoring

SVE Treatment Contour
0-20 ft Depth

ERH Treatment Contour
20-40 ft Depth

ERH Treatment Contour
40-60 ft Depth

Notes:

1. Placement of subsurface components made according to utility locations and drill spacing guidelines provided by LATA.
2. Due to security concerns with the facility, utility line types could not be identified at the time of drawing.
3. Final construction approval will require:
- All utility spacing for drilling locations to adhere to relevant codes and regulations, and
- Well installation to occur within operational limitations of the drilling contractor.

LPE

DATE

PROFESSIONAL SEAL

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	PROJ ENGR	LEAD ENGR	CONF CTRL/ NUCL SFTY	FAC MGR	E&TS MGR
G	13/11/12	Request Relocation of D229	AW	WR	ER	BM			
F	21/08/12	Addition of D228 and D229	ER	CK	ER	BM			
E	22/05/12	Rename CX wells, move sensor wells	ER	CK	ER	BM			
D	24/04/12	Technical Edits	AW	WR	ER	BM			
C	26/01/12	Technical Edits	AW	CK	ER	BM			
B	05/01/12	Technical Edits	WR	ER	ER	BM			
A	21/06/11	Initial 90% Design Layout	WR	ER	ER	BM			

DRAWING REVISIONS

U.S. DEPARTMENT OF ENERGY
DOE PORTSMOUTH/PADUCAH PROJECT OFFICE
PADUCAH GASEOUS DIFFUSION PLANT

LATA Environmental Services of Kentucky, LLC
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC30-10CC40020 Paducah, Kentucky

McMillan-McGee Corp.
CALGARY, ALBERTA CANADA
(403) 279-7948
FAX (403) 272-7201

PROJECT NAME:
Paducah PGDP C-400 Remediation Project

TITLE:
C-400 Complex Detail Drawing
of Wellfield Connection Piping for
ET-DSP Subsurface Components Phase IIa

CAD FILE NAME	BUILDING	PLANT	CLASS
Mc2-Paducah-C400-ETDSP-Layout.DWG	C-400	PGDP	U

SCALE:	DRAWING NUMBER	REV
1" = 22'	C7DC40000C004	G