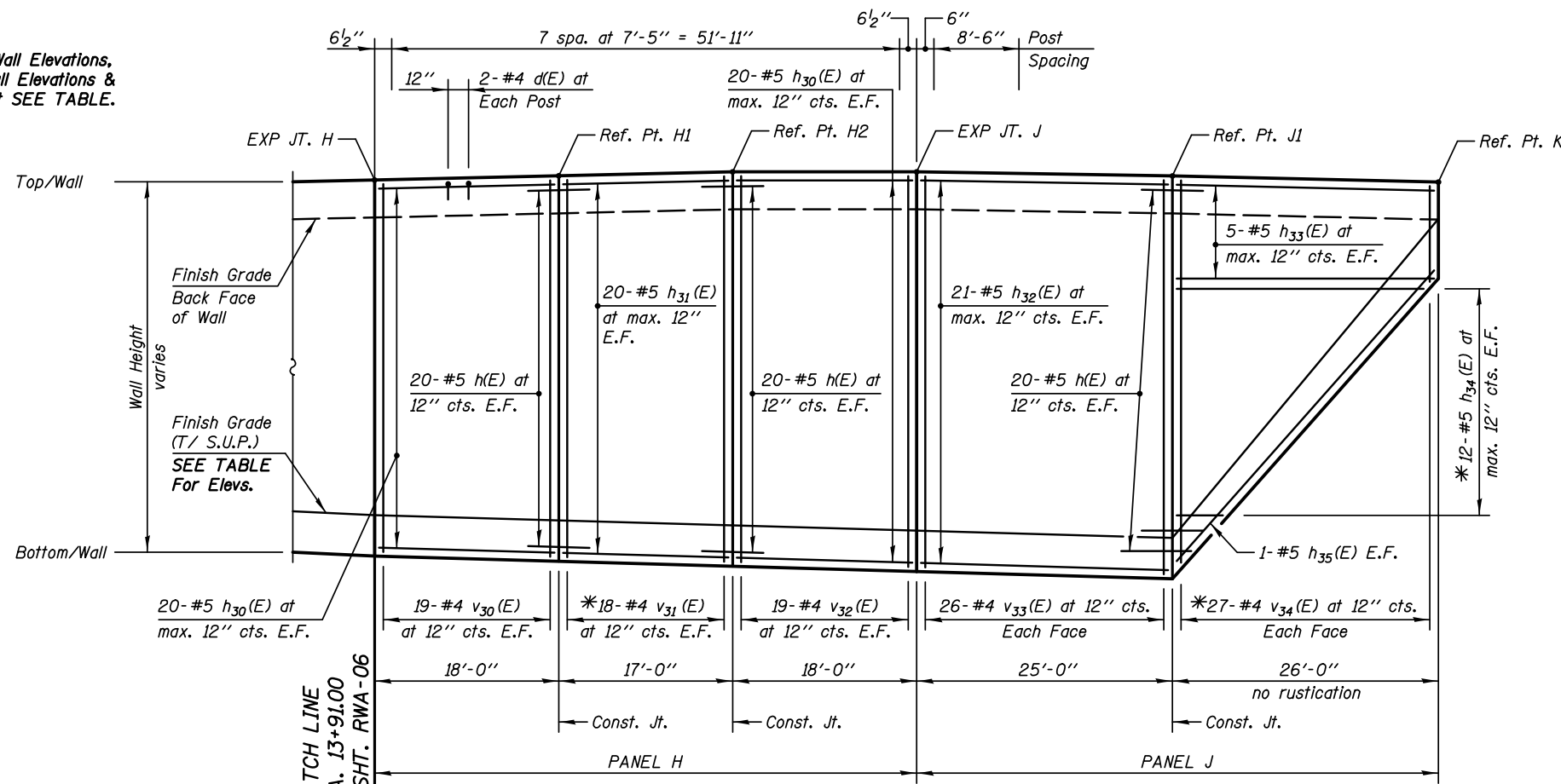
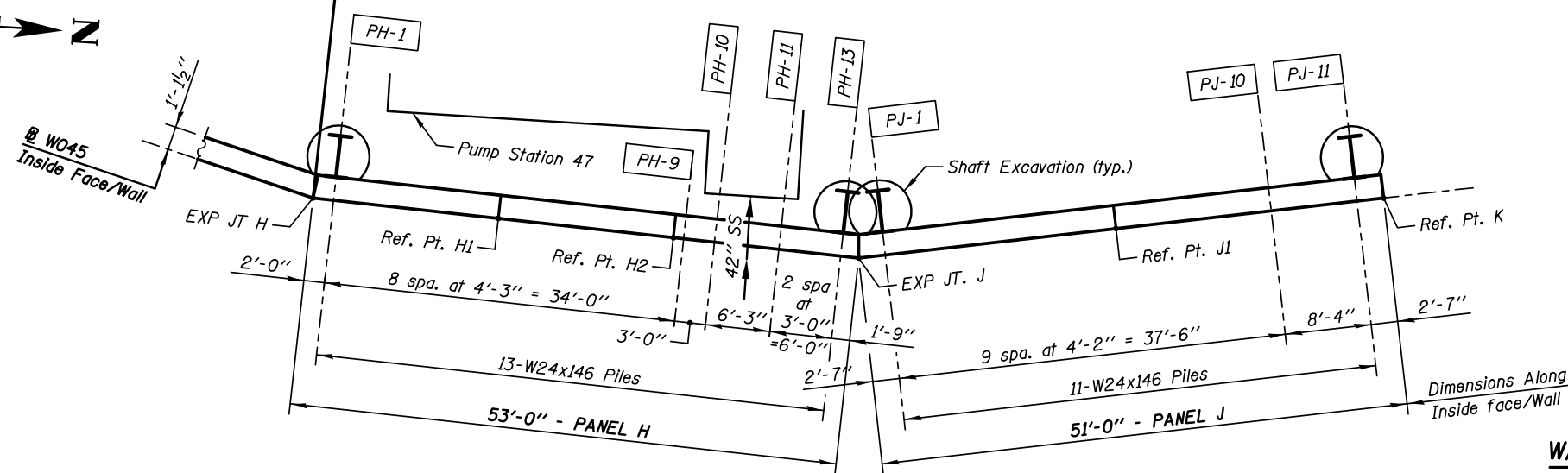


**Note:**  
For Top/Wall Elevations,  
Bottom/Wall Elevations &  
Wall Height SEE TABLE.



**ELEVATION - EAST FACE**  
(Looking West)



**PLAN**  
(PANELS H & J)

**SHAFT SIZES**

Pile Size	Shaft Excavation Size
HP12	2'-0"
HP14	2'-0"
W24	3'-0"

**WALL JOINT LOCATIONS, HEIGHTS & ELEVATIONS**

Location Ref. Points	Station on @ W045	Wall Height	Top/Wall Elevation	Bottom/Wall Elevation	Finish Grade Elev.	Bottom/Liner Elev. **
Exp. Jt. - H	13+91.00	18'-5"	702.40	683.98	686.01	687.01
C.J. - H1	14+09.00	18'-10"	702.60	683.77	685.76	686.76
C.J. - H2	14+26.00	19'-4"	702.80	683.47	685.51	686.51
Exp. Jt. - J	14+44.00	19'-7"	702.80	683.22	685.26	686.26
C.J. - J1	14+69.00	19'-9"	702.60	682.85	684.90	685.90
End Wall - K	14+95.00	4'-9"	702.30	697.55	700.50	701.50

**PILE DATA:**

Pile No.	Top Elev.	Bottom Elev.	Length Ft.	No of Studs
PH-1	699.09	646.09	53.00	22
PH-2	699.14	646.14	53.00	22
PH-3	699.19	646.19	53.00	22
PH-4	699.23	646.23	53.00	22
PH-5	699.28	646.28	53.00	24
PH-6	699.33	646.33	53.00	24
PH-7	699.38	646.38	53.00	24
PH-8	699.43	646.43	53.00	24
PH-9	699.47	645.47	54.00	24
PH-10	699.47	645.47	54.00	24
PH-11	699.47	645.47	54.00	24
PH-12	699.47	645.47	54.00	24
PH-13	699.47	645.47	54.00	24
PJ-1	699.45	645.45	54.00	24
PJ-2	699.42	645.42	54.00	24
PJ-3	699.38	645.38	54.00	24
PJ-4	699.35	645.35	54.00	24
PJ-5	699.32	645.32	54.00	24
PJ-6	699.28	645.28	54.00	24
PJ-7	699.24	648.24	51.00	22
PJ-8	699.19	653.19	46.00	20
PJ-9	699.14	658.14	41.00	16
PJ-10	699.10	663.10	36.00	12
PJ-11	699.00	673.00	26.00	6

**LEGEND**

E.F. Each Face  
S.U.P. Shared Use Path

**Min Bar Laps**

#5 Bars = 2'-5" (Horiz. Top Bars)

**Notes:**

All Dimensions are along Inside Face of Wall.

Reinforcement Bars designated (E) shall be Epoxy Coated.

For Typical Sections & Bill of Material, SEE SHT. RWA-08.

42" Storm Sewer to be installed after soldier piles. See Drainage Plans for additional details.

\*See Bar Cutting Diagram SHT. RWA-08.

\*\*Bottom of Form Liner Elevations are 1'-0" (1.0') higher than Finish Grade Elevations.

**KNIGHT**  
Engineers & Architects

DESIGNED - TB	REVISIONS -
CHECKED - WPM	REVISIONS -
DRAWN - TB	REVISIONS -
CHECKED - WPM	REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN & ELEVATION - PANELS H & J  
STRUCTURE NUMBER 022-W045

SHEET NO. RWA-07 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-I	DUPAGE	181	57
CONTRACT NO. 60P41			ILLINOIS FED. AID PROJECT	