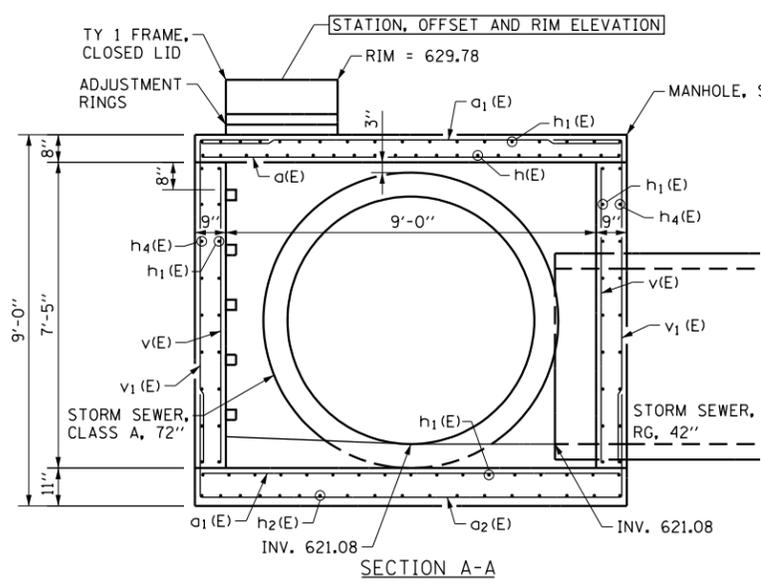
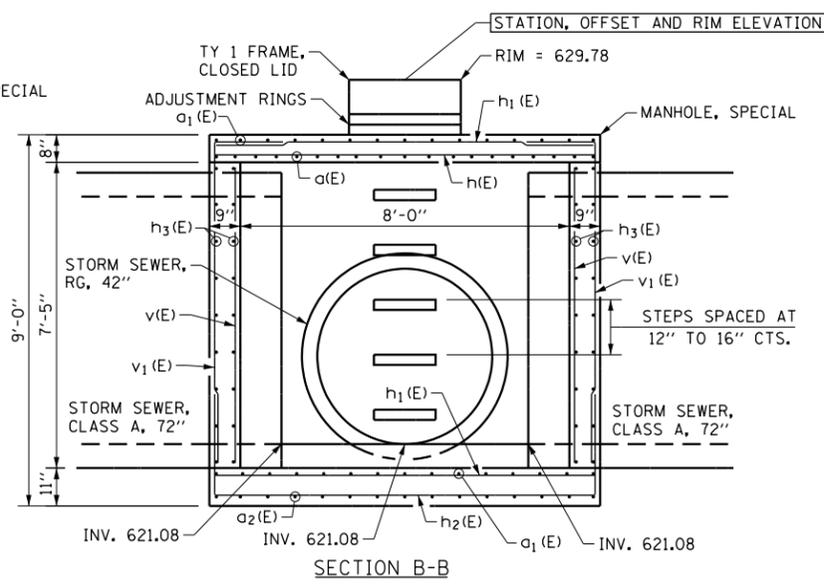


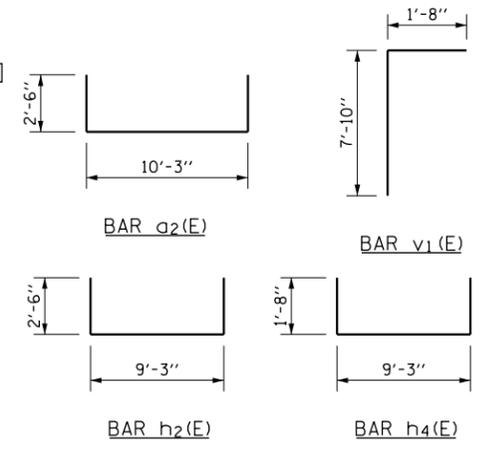
PLAN VIEW  
STRUCTURE NO. 14-11



SECTION A-A



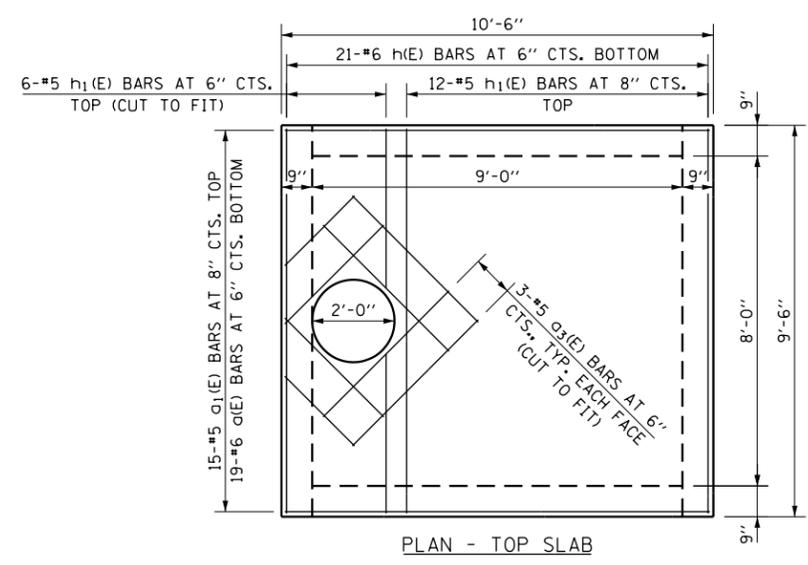
SECTION B-B



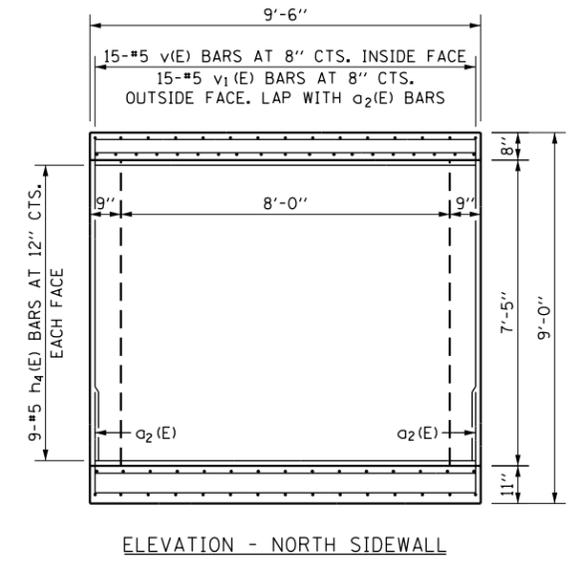
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE	
a1(E)	19	#6	10'-3"	—	
a2(E)	30	#5	10'-3"	—	
a3(E)	15	#5	15'-3"	—	
a4(E)	24	#5	4'-4"	—	
h1(E)	21	#6	9'-3"	—	
h2(E)	35	#5	9'-3"	—	
h3(E)	18	#5	14'-3"	—	
h4(E)	36	#5	10'-3"	—	
v1(E)	60	#5	7'-2"	—	
v2(E)	60	#5	9'-6"	—	
v3(E)	24	#5	6'-7"	—	
v4(E)	48	#5	4'-0"	—	
* CONCRETE STRUCTURES				CU YD	12.3
* REINFORCEMENT BARS, EPOXY COATED				POUND	4,130

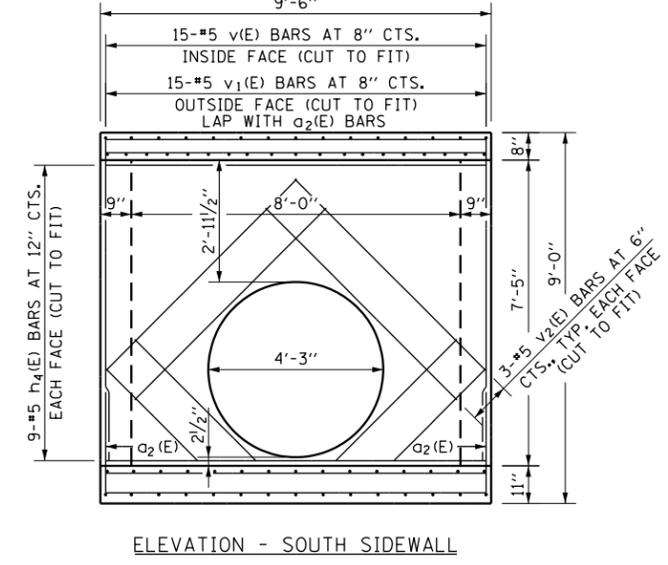
\* COST OF CONCRETE STRUCTURES AND REINFORCEMENT BARS, EPOXY COATED IS INCLUDED WITH MANHOLE, SPECIAL.



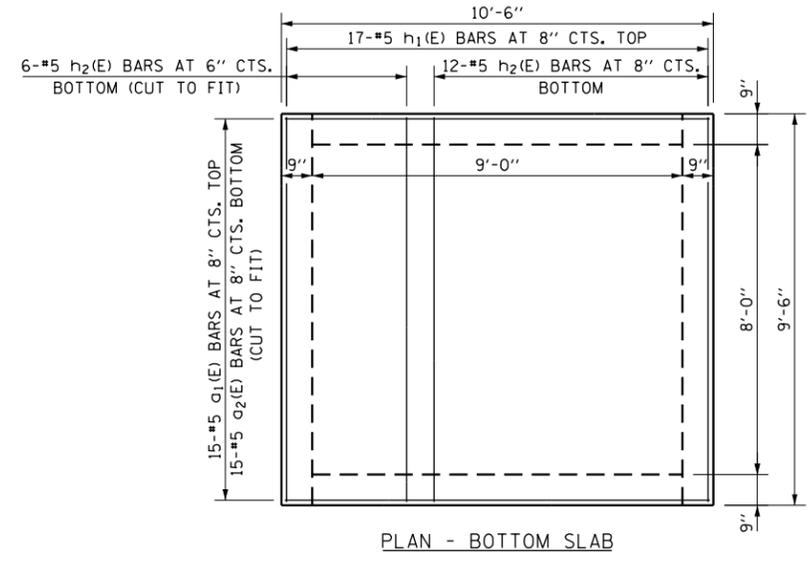
PLAN - TOP SLAB



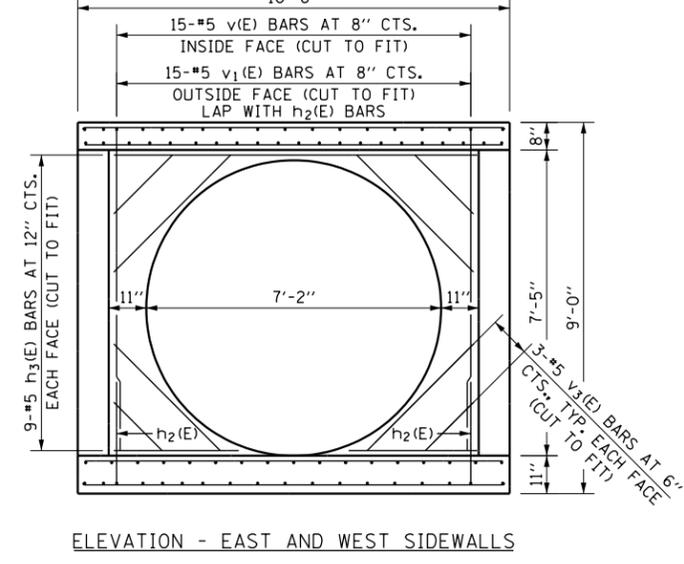
ELEVATION - NORTH SIDEWALL



ELEVATION - SOUTH SIDEWALL



PLAN - BOTTOM SLAB



ELEVATION - EAST AND WEST SIDEWALLS

NOTES:

- A PRECAST REINFORCED CONCRETE ALTERNATE SHALL BE ALLOWED FOR THIS STRUCTURE. SHOP PLANS AND CALCULATIONS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER ACCORDING TO THE APPLICABLE REQUIREMENTS OF ARTICLE 504 OF THE STANDARD SPECIFICATIONS.
- SEE HIGHWAY STANDARDS 602701-02 AND 604001-03 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- THE CONTRACT UNIT PRICE FOR EACH SHALL INCLUDE ALL EXCAVATION, BACKFILL, CONCRETE, REINFORCEMENT, FRAME, LID AND OTHER INCIDENTALS AS SPECIFIED ON THIS DETAIL AND AS DIRECTED BY THE ENGINEER.
- ALL INVERTS AND ELEVATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR MANHOLE, SPECIAL.
- STATION, OFFSET AND RIM ELEVATION PROVIDED ARE AT THE CENTER OF THE PROPOSED FRAME AND LID.

FILE NAME =	USER NAME = BAW\ort	DESIGNED - JRM	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-DR\DET-01.dgn		DRAWN - MEP	REVISED -
		CHECKED - MDS	REVISED -
		DATE - 11/30/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
STRUCTURE NUMBER 14-11

SCALE: N.T.S. SHEET NO. 214A OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	214A
				CONTRACT NO. 60T35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				