

I:\Projects\Main\_Broadway\STRUCTURES\Wall\_01\Sheets\77269WIEQ001.dgn 5/16/2016 9:57:20 AM kyle\_koppes

KMK 5/9/16 WALL #9 REBAR QUANTITY ADDED & WALL #10 PILING QUANTITY REVISED			KMK 5/16/16 WALL #7 REINFORCING STEEL QUANTITY REVISED			QUANTITIES CALC. BY		DRC										
KMK 3/28/16 ITEM 203 - GRANULAR MATERIAL, TYPE C - REMOVED			KMK 5/16/16 WALL #7 REINFORCING STEEL QUANTITY REVISED			CHECKED BY		RWB										
REV. BY	DATE	DESCRIPTION	REV. BY	DATE	DESCRIPTION													
DATE COMPLETED			DATE COMPLETED															
ITEM ODOT	EXT.	PARTICIPATION 02/IMS/BR	TOTAL	UNIT	DESCRIPTION	MSE WALL 1	WALL 2	MSE WALL 3	MSE WALL 4	MSE WALL 5	MSE WALL 6	MSE WALL 7	MSE WALL 8	WALL 9	WALL 10	MSE WALL 11	MODULAR BLOCK WALL	REF. SHEET
202	11201	LS	LS		PORTIONS OF STRUCTURE REMOVED, AS PER PLAN		LS								LS			(1626/1822) & (1688/1822)
203	20001	7,844	7,844	CY	EMBANKMENT, AS PER PLAN			1216	1248	191	2141	2446	602					(1618/1822)
203	35110	8,598	8,598	CY	GRANULAR MATERIAL, TYPE B			1414	1451	280	1794	2882	777					
503	11101	LS	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN										LS			(1616/1822) & (1688/1822)
503	21100	2,290	2,290	CY	UNCLASSIFIED EXCAVATION										2290			
503	21101	460	460	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN									460				(1676/1822)
505	11100	LS	LS		PILE DRIVING EQUIPMENT MOBILIZATION										LS			
507	00100	3,460	3,460	FT	STEEL PILES HPI0X42, FURNISHED										3460			
507	00150	3,045	3,045	FT	STEEL PILES HPI0X42, DRIVEN										3045			
507	00400	1,510	1,510	FT	STEEL PILES, MISC.: SOLDIER PILES									1510				
507	93300	83	83	EACH	STEEL POINTS OR SHOES										83			(1676/1822)
509	10000	334,574	334,574	LB	EPOXY COATED REINFORCING STEEL	56158	14299			53725	8783	90794		51058	59757			
510	10000	130	130	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT		130											
511	46212	2,121	2,121	CY	CLASS QC1 CONCRETE WITH QC/QA	522	145			429	57	638			330			
511	46213	363	363	CY	CLASS QC1 CONCRETE WITH QC/QA, AS PER PLAN									363				(1676/1822)
511	46512	334	334	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING										334			
512	10050	296	296	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					296								
512	10101	11,681	11,681	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	1008	157	417	478	1230	1388	4567	450	1251	543	192		(1616/1822)
512	33000	124	124	SY	TYPE 2 WATERPROOFING									74	50			
516	13600	216	216	SF	1" PREFORMED EXPANSION JOINT FILLER									76	140			
516	13900	4,723	4,723	SF	2" PREFORMED EXPANSION JOINT FILLER	1013	45	79	96	1325	168	1894	103					

CALCULATED DRC CHECKED RWB  
**WALL ESTIMATED QUANTITIES - 1 OF 2**  
**SUM - 76 - 10.00**  
 (1619/1822)

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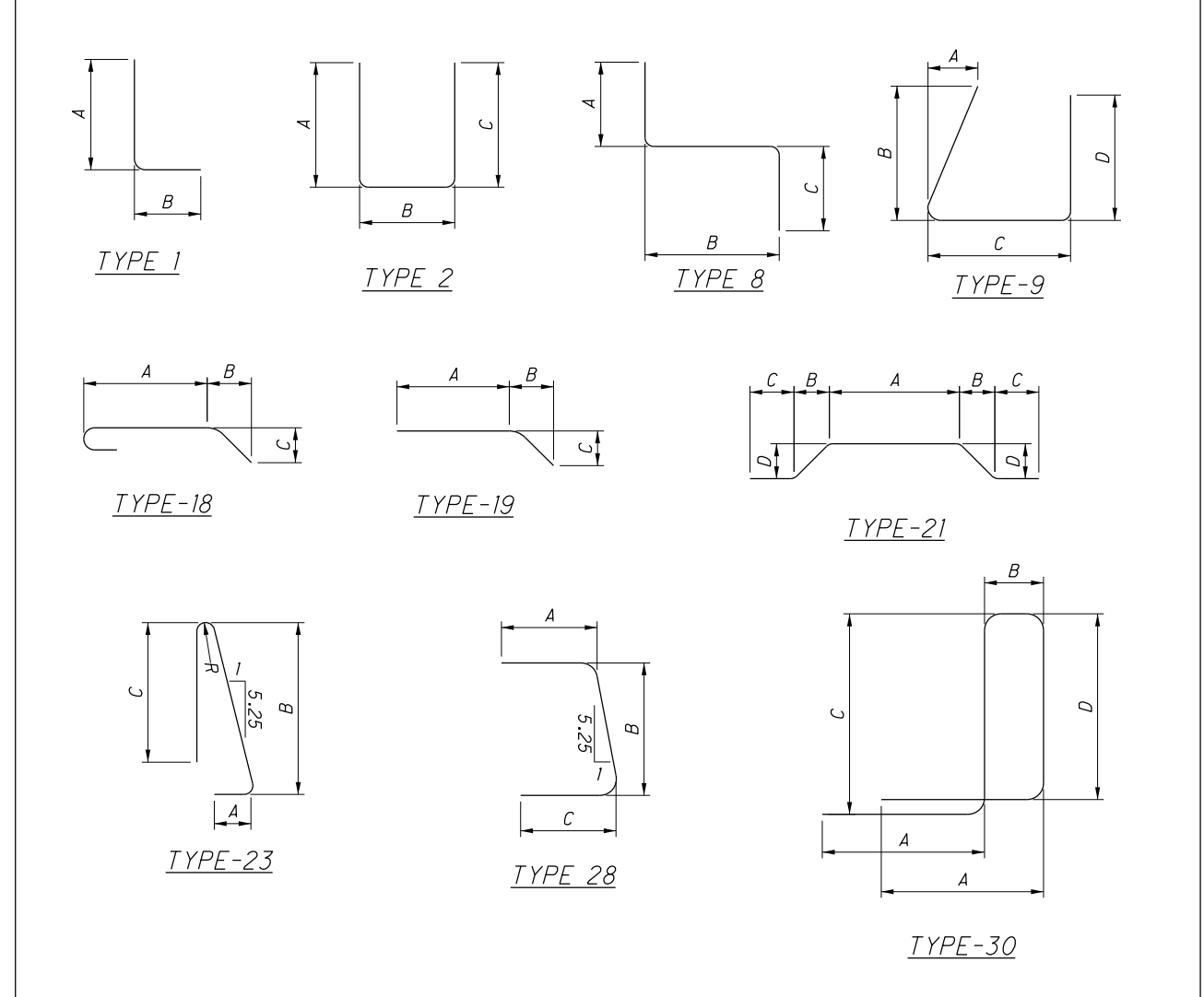
MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
<b>MOMENT SLAB</b>											
M501	683	7'-4"	5224	23	0'-11"	3'-3"	3'-0"			0'-2 3/4"	
M502	672	30'-0"	21027	STR							
	2 SR	26'-0"									
M503	OF	TO	631	STR						0'-3 1/2"	
	11	29'-0"									
M504	6	29'-0"	181	STR							
M505	2	9'-2"	19	19	7'-9"	1'-5"	0'-4 1/2"				
L505	8	2'-9"	23	2	0'-7"	1'-10"	0'-7"				
L506	8	8'-0"	67	9	0'-6"	3'-0"	2'-3"	3'-0"			
L507	12	7'-4"	92	21	1'-4"	1'-10"	0'-6"	1'-10"			
L508	8	3'-0"	25	STR							
L601	8	5'-8"	68	18	2'-0"	2'-1 1/2"	2'-1 1/2"				
M601	683	6'-0"	6155	28	1'-0"	2'-8"	1'-0"				
M602	683	3'-6"	3591	1	1'-0"	2'-8"					
M603	680	11'-2"	11405	2	1'-8"	9'-2"	0'-8"				
M604	680	10'-4"	10554	8	0'-10"	9'-2"	0'-8"				
M605	1319	4'-3"	8420	19	3'-3"	0'-7"	0'-11"				
M606	25	30'-0"	1126	STR							
M607	1	16'-3"	24	STR							
	1 SR	6'-11"				4'-11"					
M608	OF	TO	26	2	1'-8"	TO	0'-8"			3'-1"	
	2	10'-0"				8'-0"					
	1 SR	6'-1"				4'-11"					
M609	OF	TO	23	8	0'-10"	TO	0'-8"			3'-1"	
	2	9'-2"				8'-0"					
<b>TOTAL</b>			68681								

\* L MARKS DENOTE BARS FOR LIGHTING BUMPOUT, FOR ADDITIONAL INFORMATION AND DETAILS NOT SHOWN SEE ODOT STD. DWG. HL 20.14

MARK	NUMBER TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS						
					A	B	C	D	E	R	INC
<b>MOMENT SLAB WITH SIDEWALK</b>											
M506	181	13'-3"	2501	30	1'-6"	0'-8"	5'-2"	4'-11"			
M507	688	10'-7"	7592	STR							
M508	17	10'-11"	194	STR							
L501	4	3'-0"	13	2	0'-7"	2'-1"	0'-7"				
L502	4	6'-2"	26	2	2'-2"	2'-1"	2'-2"				
L503	6	8'-1"	51	21	1'-4"	2'-1"	0'-6"	2'-1"			
L504	4	2'-2"	9	STR							
L601	4	5'-8"	34	18	2'-0"	2'-1 1/2"	2'-1 1/2"				
M610	181	9'-8"	2629	STR							
M611	360	11'-8"	6310	STR							
M612	362	5'-1"	2719	2	1'-5"	2'-6"	1'-5"				
M613	2	11'-8"	35	19	9'-10"	1'-10"	0'-2 1/2"				
<b>TOTAL</b>			22113								

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**BAR BENDING DIAGRAMS**



**REINFORCING STEEL NOTES:**

- THE BAR SIZE NUMBER IS SPECIFIED ON THE PLANS IN THE BAR MARK COLUMN. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR ARE USED INDICATES THE BAR SIZE NUMBER. FOR EXAMPLE, M601:
  - M: LOCATION OF THE BAR IN THE STRUCTURE (MOMENT SLAB)
  - 6: BAR SIZE DIMENSION NO. 6
  - 10: SEQUENCE NUMBER
- BAR DIMENSIONS SHOWN ARE OUT TO OUT UNLESS OTHERWISE NOTED. "STD." WRITTEN IN PLACE OF DIMENSION INDICATES A STANDARD BAR BEND AT THE END OF A BAR. STRAIGHT BARS ARE INDICATED BY "STR".
- ALL REINFORCING IS TO BE EPOXY COATED.
- TRANSVERSE REINFORCEMENT SHALL BE PLACED RADIALY IN MOMENT SLAB.

REV. BY	DATE	DESCRIPTION
KMK	5/16/16	WALL #7 REINFORCING STEEL QUANTITY REVISED
DATE COMPLETED		