						GE	<u>ENERAL S</u>	IRUCIU	RAL NC	TES									
CODES AND STANDARDS	<u>):</u>				1		CONTRACTOR												
		PREPARED IN ACCORDANCE WITH THE F EDITIONS UNLESS NOTED OHERWISE):	OLLOWING	G CODI	ES AND		HANDICAPPEI PER INTERNA										7. DRILLED HOL DIAMETER TH		
·		, BUILDING CODE.			1	18. PROVIDE 28"X36" COROPLAST OR EQUIVALENT SIGN AT SIX LOCATIONS ON EACH GARAGE PER WMATA APPROVED LOCATION. THE SIGN SHALL STATE DURATION OF PROJECT AT START DATE AND							STEEL NOTES						
1.2 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES": ASCE 7–10, AMERICAN SOCIETY OF CIVIL ENGINEERS.					GENERAL NOTICE IN ENGLISH AND SPANISH. 19. ELEVATOR LOBBIES SHALL BE REHABILITATED WHEN THE GARAGE IS SHUT DOWN AND SHALL BE								1. ALL STEEL W SHAPES AND						
1.3 "BUILDING (ODE REQU	JIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-	-14)",		RETURNED TO SERVICE WHEN THE SYSTEM IS RUNNING TO PRESERVE ACCESSIBILITY TO THE STATION.								2. ANCHORS SH AS SHOWN (
AMERICAN (1.4 "OCCUPATIO		Y AND HEALTH ADMINISTRATION" (OSHA)	SECTION	1926			CONSTRUCTION TOP TIER AN	ND ENDING	WITH GRO	DUND LE\	/EL. CONT	RACTOR	SHALL NO	T BEGIN V	WORK ANY		3. WELDING SHA USED FOR A		1PLY W
1.5 "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 2015.						ADDITIONAL PHASES WITHOUT APPROVAL OF COMPLETING WORK IN A PREVIOUS PHASE. 21. CONTRACTOR MUST PROVIDE THE RIGHT OF WAY CLEARANCES TO PUBLIC DURING CONSTRUCTION										CONCRETE REPAI	R NOTES:		
STRUCTURAL CONSTRUC	TION NOTE	<u>IS</u>			2		PHASES ON				DE WAT C	LLANANUL	.5 10 FUI	JLIC DUNI	NG CONST	NUCTION	1. THE LOCATIO AND THE CO		
1. ALL EXISTING DIME CONTRACTOR.	NSIONS SH	IOWN ARE APPROXIMATE AND SHALL BE I	FIELD VEF	RIFIED	BY THE	<u>CON</u>	ICRETE NOTE	<u>S</u>									SHALL QUAN START OF RE	TIFY ANY A	DDITIONA
		BE USED IN CONJUNCTION WITH SPECIF			OTTIER			BONDING A	GENT SH	ALL BE A	PPLIED TO	O ALL CO	NCRETE/M	IORTAR RE			2. CONCRETE R REPAIR BY E		
DISCIPLINES DRAWINGS DURING ALL PHASES OF CONSTRUCTION. DISCREPANCIES BETWEEN ENGINEERING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE A.R. FOR CLARIFICATION BEFORE COMMENCING WORK.					OTHERWISE. BONDING AGENT SHALL BE APPLIED TO ALL CONCRETE/MORTAR REPAIR AREAS PRIOR TO THE APPLICATION OF REPAIR MATERIALS, UNLESS NOTED OTHERWISE. 2. STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.										3. PATCHING SH FOLLOWING:	IALL NOT E	e perf		
		SAFEGUARDS NECESSARY TO PROTECT F			PROPERTY		WELDED WIR						GRADE 6	0.			(a) THE SUR	FACES TO	RECEIV
MUNICIPAL CODES 4. THE PARKING FACI EXECUTION. MAINTA ACCESS TO ELEVAT	SHALL BE _ITY SHALL IN AT LEAS ORS FROM	JRING THE PERFORMANCE OF THE WORK. FOLLOWED. REMAIN IN SERVICE DURING THE ENTIRE ST TWO MEANS OF EMERGENCY AND EGR I EACH PARKING LEVEL DURING THE PRO ALL PROVIDE TEMPORARY SIGNAGE DIRECT	PROJEC ESS EXIT	T CON S, ROU NSTRU(STRUCTION JTES AND CTION	4.	UNLESS NOT TABLE "MINII	ED OTHERV	VISE, BAR	S AT SPL	ICES ARE	TO BE L				THE	(b) THE REII STEEL A CLEAN S REBAR, A		IT, INCL TE REIN O BE F ATE WIT
OPERATIONAL STAIF					0		REINF	REINFORCING STEEL LAP SPLICES AND EMBEDMENTS							REMOVAL NOTES:	REMOVAL NOTES:			
		KEPT CLEAN OF DEBRIS AND DIRT ON A ENANCE AND CLEANING OF THESE AREAS					BAR			HES)	ENGTH						1. REMOVE OR THE STRUCT		
THE PROJECT.							SIZE	TOP	BARS	OTHE	R BARS	TOP	BARS	OTHEF	RBARS		2. AREAS DAMA	GED BY RE	MOVALS
6. CONTRACTOR SHAL TO BE PERFORMED		ALL EXISTING LANDSCAPED AREAS IN TH	IE VICINIT	'Y WHE	RE WORK IS		CLEAR COVER	< 2"	≥ 2 "	< 2"	≥ 2"	< 2"		< 2"	≥ 2"		ENGINEER OF	RECORD.	
		ND DETAILS SHOWN ON DRAWINGS ARE TH ISIDERED TYPICAL FOR SIMILAR SITUATION					4	14 19 27	14 19 23	12 14 21	12 14 18	12 14 21	12 14 18	12 12 16	12 12 14				
	ORDERING	ALL DIMENSIONS PRIOR TO PRODUCING SH MATERIALS. ALL SHOP DRAWINGS SHALL R.					6 7	38 61	23 28 40	29 47	21 31	29 47	21 31	22 36	17 24				
VARY IN THE FIELD CONSTRUCTION DE COMPLETION OF TH CONTRACTOR SHAL). ACTUAL TAILS. AREA IE CONDITI _ SOUND A	RATION SHOWN ON THE BID SCHEDULE AF FIELD CONDITIONS MAY WARRANT MODIFIC AS OF NEW DETERIORATION THAT HAVE OF ON SURVEY INSPECTION ARE ALSO TO BE ALL CONCRETE SURFACES AND MARK ALL REPAIR. THE LAYOUT SHALL BE VERIFIED	ATIONS T CCURRED E EXPECT AREAS (O THE AFTER ED. OF COI	R THE THE NCRETE		8 9 10 11	76 93 112 133	46 57 70 84	59 71 87 102	35 44 54 65	59 71 87 102	35 44 54 65	45 55 67 79	27 34 42 50				
		DRAWINGS HAVE BEEN PREPARED BASED MATERIAL TESTING WAS PERFORMED.) ON AVA	AILABLE	DOCUMENTS			BLE BASED		318-14	WITH f'c	= 5,000	PSI AND						
PRIOR TO CONSTRU POTENTIAL NEED F REPLACEMENT FOR BE CLOSED AT A OCCUPIED PARKING	JCTION. SE DR SHORIN EACH PHA IME (ONE SPACES.	SHORING PLANS WITH PROCEDURE AND S E SHORING DETAIL ON DRAWING S—510. IG THREE LEVELS BELOW THE WORK ARE ASE AREA, NO MORE THAN FOUR LEVELS FOR WORK AND THREE FOR SHORING BE	PHASING A FOR BI WITHIN F ELOW) IN	BASE EARING PHASE ORDE	D ON PAD AREA SHALL R TO MINIMIZE		2. TO CC 3. HC 4. CL 5. FO	= 60,000 P BARS AF NCRETE CA RIZONTAL N EAR COVER R EPOXY-(R f'c=4,00	RE HORIZO AST BELON WALL REIN COATED B	W THE RE IFORCEME RETE CO ARS, MUL	INFORCEN INT IS CO VER FOR TIPLY THE	IENT. NSIDERED REINFORCE TABULA) A TOP E Ement B/ Fed Value	BAR. ARS. ES BY 1.2	2.				
12. CONTRACTOR SHAL SCOPE OF WORK.	_ REPAIR(OR REPLACE ANY DAMAGE TO CONDUITS	THAT RES	SULT F	ROM THE														
		TRAFFIC SIGNAGE DURING CONSTRUCTION DEVICES ISSUED BY THE FEDERAL HIGHWA					CONCRETE CONCRETE CONCRETE			CEMENT E	BARS SHAI	LL CONFC	RM TO TH	HE FOLLO	WING, UNLI	ESS NOTED			
TO A MAXIMUM OF 625 PARKING SPAC	625 (SPAC ES BEFOR ~HANDICAP	KING SPACES THAT CAN BE TAKEN OUT O CES AT A GIVEN TIME. PROVIDE TWO WEE E TAKING PARKING SPACES FOR REHABIL	KS ADVAI ITATION. THROUG	NCE N	OTICE ON ALL CONSTRUCTION		a. UNFORM b. FORMED EXPOSED c. COLUMN d. EXTERIO	SURFACES D TO WEAT S AND BEA	IN CONT HER AND MS	ACT WITH ALL WALI	GROUND _S			3 INCHES 2 INCHES 1 1/2 IN 1 1/2 IN	S NCHES				
	_ PROVIDE	RY HANDICAP SPACES AS REQUIRED AT (DEBRIS FALL PROTECTION BENEATH THE			6	6.	CHAMFER EX	(POSED CO	NCRETE E	DGES TO	МАТСН Е	XISTING.							
		REFERENCE DRAWINGS			REVISIONS														
IED M. PARK 01/2018	NUMBER	1	DATE 01/25/2018			ON		IVI metro	vvASF	HING	UN M	EIRO	PULI	AN AI	KEA II	KANSII A	UTHORITY	_	
DATE <u>L. NGUYEN</u> 01/2018 DATE DATE DATE			04/30/2018	3 1	AMENDMENT #1 AMENDMENT #2						~			ND CO FACIL	NSTRU ITIES	-			
ED <u>L. KATSMAN</u> 01/2018 DATE								APPROVED		you (po	7	01/25/201 DATE	8		OVED HAR AHMAD	Lahl	01/25/2018 DATE	M NO.	CONT
								ENGINEERIN							HAR AHMAD IEER OF RECO	RD		M1301	FQ18

CENEDAL STOLICTUDAL NOTES

REINFORCING STEEL LAP SPLICES AND EMBEDMENTS										
BAR	MINIMU		SPLICE LE HES)	ENGTH	MINIMUM EMBEDMENT LENGTH (INCHES)					
SIZE	top e	BARS	OTHEF	R BARS	TOP I	BARS	OTHER BARS			
CLEAR COVER	< 2"	<u>></u> 2"	< 2"	<u>></u> 2"	< 2"	<u>></u> 2"	< 2"	<u>></u> 2"		
3	14	14	12	12	12	12	12	12		
4	19	19	14	14	14	14	12	12		
5	27	23	21	18	21	18	16	14		
6	38	28	29	21	29	21	22	17		
7	61	40	47	31	47	31	36	24		
8	76	46	59	35	59	35	45	27		
9	93	57	71	44	71	44	55	34		
10	112	70	87	54	87	54	67	42		
11	133	84	102	65	102	65	79	50		

NCHORED DOWELS/ANCHORS SHALL BE 1/8 INCH LARGER IN OR DIAMETER.

PES SHALL CONFORM TO A992 GALVANIZED STEEL. ALL OTHER STEEL ONFORM TO ASTM A36 GALVANIZED UNLESS NOTED OTHERWISE. ED OR STAINLESS STEEL EXPANSION ANCHORS OR APPROVED EQUAL

NITH THE LATEST AWS 1.1 CODE. E70XX ELECTRODES SHALL BE

F EACH TYPE OF REPAIR IS SHOWN ON THE DRAWINGS. THE (A.R.) JOINTLY INSPECT EACH ITEM TO BE REPAIRED. THE CONTRACTOR IAL REPAIRS AND GET APPROVAL FROM THE (A.R.) PRIOR TO THE

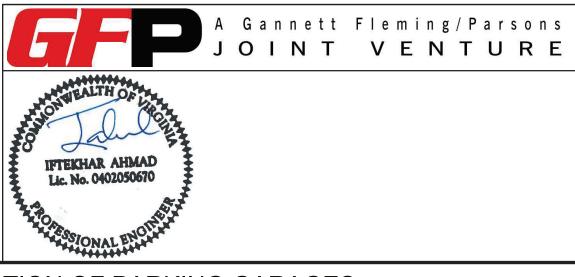
COMPLETED IN THE FOLLOWING ORDER: SPALL REPAIRS, CRACK AND APPLICATION OF PROTECTIVE COATINGS.

FORMED AT ANY LOCATION UNTIL THE (A.R.) HAS APPROVED THE

PATCHING MATERIAL. LUDING ADEQUATE CONCRETE REMOVAL, ADEQUATE REINFORCEMENT NFORCEMENT STEEL SUPPORT AND COVER. JUST PRIOR TO PATCHING, PATCHED OF ALL MATERIAL WHICH IS NOT SOUND CONCRETE OR TH WATER TO PRODUCE A SURFACE-SATURATED DRY CONDITION (WITH RING APPLICATION.

ERIALS SHALL NOT BE ALLOWED TO FALL, DROP OR IMPACT AGAINST

S / DEMOLITION SHALL BE REPAIRED TO THE SATISFACTION OF THE



REHABILITATION OF PARKING GARAGES K06 - WEST FALLS CHURCH PARKING GARAGE GENERAL STRUCTURAL NOTES

FRACT NO.	SCALE	DRAWING NO.	SHEET NO.
8064	NONE	K06-S-001	313 of 503