

PHASE NO.	ZONE	OCCUPIED PARKING SPACES				
		62				
II		71				
	+ $+$ $+$	66				

		<u>(</u>	GENERAL ST	RUCTURAL N	OTES										
	HAVE BEEN PREPARED IN ACCORDANCE WITH THE FO		HANDICAPPED	PARKING SPACES	WO WEEKS NOTICE AND SIGNS DUE CODE-2015 SHALL	TO CONSTRUCT	ON. MINIMUM	SIZE OF SIGN				XY ANCHORED DO NCHOR DIAMETER.	•	ALL BE 1/8 INCH LARGER IN	
1.1 2015 INTER	RNATIONAL BUILDING CODE.		WMATA APPRO		OR EQUIVALENT SIG HE SIGN SHALL ST AND SPANISH.					<u>STEEL NOTES</u> 1. ALL STEEL	WIDE FLANGE	SHAPES SHALL C	CONFORM TO A992 G	ALVANIZED STEEL. ALL OTHER STEEL	
AMERICAN S	SOCIETY OF CIVIL ENGINEERS.	1			REHABILITATED WHE THE SYSTEM IS RU					2. ANCHORS S		ANIZED OR STAIN		ED UNLESS NOTED OTHERWISE. SION ANCHORS OR APPROVED EQUAL	
AMERICAN C	CONCRETE INSTITUTE.	2	20. CONSTRUCTION TOP TIER AND	ENDING WITH G	OCCUR ONE LEVE	NTRACTOR SHALL	NOT BEGIN	WORK ANY	WITH		HALL BE COMP		TEST AWS 1.1 CODE.	E70XX ELECTRODES SHALL BE	
1.5 "MANUAL ON	N UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS	S AND HIGHWAYS" 2015. 2			APPROVAL OF COMF				JCTION	CONCRETE REPA	AIR NOTES:				
STRUCTURAL CONSTRUC	CTION NOTES	_	PHASES ON LE							AND THE C	ONTRACTOR SH	ALL JOINTLY INS	SPECT EACH ITEM TO	WN ON THE DRAWINGS. THE A.R.) BE REPAIRED. THE CONTRACTOR	
1. ALL EXISTING DIME CONTRACTOR.	ENSIONS SHOWN ARE APPROXIMATE AND SHALL BE F	FIELD VERIFIED BY THE	CONCRETE NOTES								NTIFY ANY ADD REPAIR WORK.	ITIONAL REPAIRS	AND GET APPROVAL	FROM THE $(A.R.)$ PRIOR TO THE	
DISCIPLINES DRAWI ENGINEERING DRAW BEFORE COMMENCI 3. CONTRACTOR SHALI FROM INJURY OR I MUNICIPAL CODES	NGS DURING ALL PHASES OF CONSTRUCTION. DISCRI VINGS SHALL BE BROUGHT TO THE ATTENTION OF TH ING WORK. L MAINTAIN SAFEGUARDS NECESSARY TO PROTECT PL DAMAGE DURING THE PERFORMANCE OF THE WORK. SHALL BE FOLLOWED.	PEPANCIES BETWEEN HE (A.R.) FOR CLARIFICATION 2 PERSONS AND PROPERTY OSHA, STATE, COUNTY AND 3 4	OTHERWISE. BO TO THE APPLIO 2. STEEL REINFOR 3. WELDED WIRE 4. UNLESS NOTED	ONDING AGENT S CATION OF REPAI RCING BARS SHA FABRIC SHALL C O OTHERWISE, BA	RS ARE TO INCLUD HALL BE APPLIED R MATERIALS, UNLE LL CONFORM TO A ONFORM TO ASTM	TO ALL CONCRE ESS NOTED OTH STM A615, GRA A185. RE TO BE LAPPE	TE/MORTAR F IERWISE. DE 60. ED IN ACCORE	PAIR AREAS	PRIOR	REPAIR BY 3. PATCHING S FOLLOWING: (a) THE SU (b) THE RE STEEL A	EPOXY INJECTI SHALL NOT BE IRFACES TO RE EINFORCEMENT, AND ADEQUATE	ION AND APPLICA PERFORMED AT ECEIVE PATCHING INCLUDING ADEG REINFORCEMENT	ATION OF PROTECTIVE ANY LOCATION UNTIL MATERIAL. QUATE CONCRETE REI T STEEL SUPPORT AN	MOVAL, ADEQUATE REINFORCEMENT	
EXECUTION. MAINTA ACCESS TO ELEVAT EXECUTION. CONTRA	DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FOLLOWING CODES A RDS (USE THE LATEST EDITIONS UNLESS NOTED OHERWISE): 2015 INTERNATIONAL BUILDING CODE. "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"; ASCE 7–10, AMERICAN SOUCHEY OF O'NU HEMISTER FOR STRUCTURAL CONCRETE (ACI 318–14)", AMERICAN CONCRETE INSTITUTE. "OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION" (OSHA) SECTION 1926 "MANUAL ON UNFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 2 L_CONSTRUCTION_NOTES (STING DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFED BY ' ACTOR. UNAL DA WINFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" 2 L_CONSTRUCTION_NOTES (STING DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFED BY ' ACTOR. UNAL DRAWINGS MUST BE USED IN CONJUNCTION WITH SPECIFICATIONS, AND OTH ACTOR. ACTOR SHALL MAINTAIN SAFEGUARDS NECESSARY TO PROTECT PERSONS AND PROP INJURY OR DAWAGE DURING THE PERFORMANCE OF THE WORK. OSHA, STATE, COU ARKING FACILITY SHALL REMAIN IN SERVICE DURING THE ENTIRE PROJECT CONSTRU- TION. MANTAN AT LEAST TWO MEANS OF DUREGENCY AND EGRESS EXITS, ROUTES TION. MANTAN AT LEAST TWO MEANS OF DUREGENCY AND EGRESS EXITS, ROUTES TOIN. CONTRACTOR SHALL DE FOLLOWED. ARKING FACILITY SHALL REMAIN IN SERVICE DURING THE ENTIRE PROJECT CONSTRUCTION IND. CONTRACTOR SHALL DE FOLLOWED. ARKING FACILITY SHALL REMAIN IN GENICE DURING THE ENTIRE PROJECT CONSTRUCTION IND. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE COLONG THE PROFERE AREAS DURING THE CONSTRUCTION IND. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE FOLLOWED. CONTRACTOR SHALL DE COLONG THE OF DERONALE AND THE SIZE AREAS ARE TO BE KEPT CLEAN OF DERONALE ON THE SIZE AREAS DURING THE COURT TOTAL MAINTENANCE AND DETAILS SHOWN ON DRAWINGS ARE TYPICAL FOR THE VIELDING THE CONTRACTOR. CONTRACTOR SHALL PREVENCE AND CLEANING OF THESE AREAS DURING THE COURT TOTAL MAINTENANCE AND DETAILS. SHOWN ON THE BID SCHEDULE ARE APPROXIMATE AND TORAL STATE SOUND AND	ESS EXITS, ROUTES AND JECT CONSTRUCTION	TABLE "MINIMUM REINFORCEMENT LAP SPLICES AND EMBEDMENTS" AS FOLLOWS:						CLEAN SURFACES TO BE PATCHED OF ALL MATERIAL WHICH IS NOT SOUND CONCRETE OR REBAR, AND SATURATE WITH WATER TO PRODUCE A SURFACE—SATURATED DRY CONDITION (WITH NO STANDING WATER) DURING APPLICATION.						
		DAILY BASIS CONTRACTOR IS		MINIMUM LAP	EEL LAP SPLI	MINIMU	JM EMBEDMI	ENT		REMOVAL NOTES			I NOT DE ALLOWED	TO FALL DROD OR IMPACT ACAINST	
			BAR SIZE	(IN TOP BARS	CHES)		STH (INCHES	S) R BARS			TURE TO REMA		L NOT DE ALLOWED	TO FALL, DROP OR IMPACT AGAINST	
6. CONTRACTOR SHALL TO BE PERFORMED		E VICINITY WHERE WORK IS	CLEAR COVER	< 2" > 2"	< 2" ≥ 2"		2" < 2"			2. AREAS DAM ENGINEER C		DVALS / DEMOLIT	TION SHALL BE REPA	NRED TO THE SATISFACTION OF THE	
			4	14     14       19     19	12 12 14 14	12 1	2 12 4 12	12							
COMPONENTS, OR	ORDERING MATERIALS. ALL SHOP DRAWINGS SHALL S		5 6 7	27         23           38         28           61         40	21         18           29         21           47         31	21         1           29         2           47         3	8         16           21         22           31         36	14 17 24							
VARY IN THE FIELD CONSTRUCTION DET COMPLETION OF TH CONTRACTOR SHALL	D. ACTUAL FIELD CONDITIONS MAY WARRANT MODIFIC/ TAILS. AREAS OF NEW DETERIORATION THAT HAVE OC HE CONDITION SURVEY INSPECTION ARE ALSO TO BE L SOUND ALL CONCRETE SURFACES AND MARK ALL	ATIONS TO THE CCURRED AFTER THE E EXPECTED. THE AREAS OF CONCRETE	8 9 10 11	76     46       93     57       112     70       133     84	59357144875410265	59     3       71     4       87     5       102     6	35     45       4     55       54     67       55     79	27 34 42 50							
10. ALL INFORMATION S	SHOWN ON DRAWINGS HAVE BEEN PREPARED BASED	$\bigcirc$	<u>NOTES:</u> 1. TABL	E BASED ON AC	I 318-14 WITH f'c	= 5,000 PSI	AND								
PRIOR TO CONSTRU POTENTIAL NEED FO REPLACEMENT FOR BE CLOSED AT A T OCCUPIED PARKING	UCTION. SEE SHORING DETAIL ON DRAWING S-510. OR SHORING THREE LEVELS BELOW THE WORK AREA EACH PHASE AREA, NO MORE THAN FOUR LEVELS TIME (ONE FOR WORK AND THREE FOR SHORING BE G SPACES.	PHASING BASED ON A FOR BEARING PAD WITHIN PHASE AREA SHALL ELOW) IN ORDER TO MINIMIZE	2. TOP CONO 3. HORI 4. CLEA 5. FOR	CRETE CAST BELO ZONTAL WALL RE R COVER = CON EPOXY-COATED	ZONTAL BARS WITH OW THE REINFORCE INFORCEMENT IS C NCRETE COVER FOF BARS, MULTIPLY THE TABU	EMENT. CONSIDERED A T R REINFORCEMEN HE TABULATED N	OP BAR. NT BARS. /ALUES BY 1.								
SCOPE OF WORK.			5. CONCRETE CO	VER FOR REINFO	RCEMENT BARS SH	ALL CONFORM -	TO THE FOLLO	) WING, UNLES	S NOTED						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
14 THE TOTAL NUMBER TO A MAXIMUM OF 350 PARKING SPAC	R OF PARKING SPACES THAT CAN BE TAKEN OUT O 5 350 SPACES AT A GIVEN TIME. PROVIDE TWO WEEP CES BEFORE TAKING PARKING SPACES FOR REHABILI	OF SERVICE SHALL BE LIMITED KS ADVANCE NOTICE ON ALL ITATION.	<ul> <li>b. FORMED S</li> <li>EXPOSED</li> <li>c. COLUMNS</li> </ul>	) SURFACES IN ( SURFACES IN CON TO WEATHER ANI			3 INCHE 2 INCHE 1 1/2   1 1/2	ES NCHES						A Gannett F JOINT "PROFESSIONAL CERTIFICATION DOCUMENTS WERE PREPARED AM A DULY LICENSED PROFESSION OF THE STATE OF MARYLAND."	I HEREBY CERTIFY THAT THESE DR APPROVED BY ME, AND THAT I
	L PROVIDE DEBRIS FALL PROTECTION BENEATH THE	6	6. CHAMFER EXP	OSED CONCRETE	EDGES TO MATCH	EXISTING.								LICENSE No. 42582 42582 EXPIRATION DATE: 08/13/2018	- COMAR 09.23.03.10
		REVISIONS		M WAS		/ETROPC	LITAN A	REA TR	ANSIT AI	UTHORITY				ÓN OF PÁRKING GÁRAGES	
DATE DRAWN L. NGUYEN 01/2018 DATE		01/25/2018         0         FINAL SUBMITTAL           04/30/2018         1         AMENDMENT #1	N	metro		OF DESIGI	N AND CC		TION		_		3 - NEW CARR	ROLLTON PARKING GARAGE	
				APPROVED JOHN PURDY ENGINEERING MANAGE		01/25/2018 DATE	APPF IFTE	ROVED KHAR AHMAD NEER OF RECORD	chil	01/25/2018 DATE	—	CONTRACT NO. FQ18064	SCALE NONE	DRAWING NO. D13-S-001	SHEET NO. 86 of 503
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# CENEDAL OTDUCTUDAL NOTES

REINFORCING STEEL LAP SPLICES AND EMBEDMENTS											
BAR SIZE	MINIMU		SPLICE LE HES)	ENGTH	MINIMUM EMBEDMENT LENGTH (INCHES)						
	top e	BARS	OTHEF	RBARS	TOP E	BARS	OTHER BARS				
CLEAR COVER	< 2"	<u>&gt;</u> 2"	< 2"	<u>&gt;</u> 2"	< 2"	<u>&gt;</u> 2"	< 2"	<u>&gt;</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			