

17. CONTRACTOR SHALL PROVIDE TWO WEEKS NOTICE PRIOR REMOVAL AND RELOCATION OF HANDICAPPED PARKING SPACES AND SIGNS DUE TO CONSTRUCTION. MINIMUM SIZE OF SIGNS AS PER INTERNATIONAL BUILDING CODE-2015 SHALL BE NO LESS THAN 2'-0" BY 2'-0" IN SIZE.
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 GENERAL NOTICE IN ENGLISH AND SPANISH.
19. ELEVATOR LOBBIES SHALL BE REHABILITATED WHEN THE GARAGE IS SHUT DOWN AND SHALL BE RETURNED TO SERVICE WHEN THE SYSTEM IS RUNNING TO PRESERVE ACCESSIBILITY TO THE STATION.
20. CONSTRUCTION PHASING SHALL OCCUR ONE LEVEL AT A TIME CONSECUTIVELY, BEGINNING WITH TOP TIER AND ENDING WITH GROUND LEVEL. CONTRACTOR SHALL NOT BEGIN WORK ANY ADDITIONAL PHASES WITHOUT APPROVAL OF COMPLETING WORK IN A PREVIOUS PHASE.
21. CONTRACTOR MUST PROVIDE THE RIGHT OF WAY CLEARANCES TO PUBLIC DURING CONSTRUCTION PHASES ON LEVELS.

1. ALL CONCRETE/MORTAR REPAIRS ARE TO INCLUDE AN EPOXY BONDING AGENT UNLESS INDICATED 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. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
4. UNLESS NOTED OTHERWISE, BARS AT SPLICES ARE TO BE LAPPED IN ACCORDANCE WITH THE TABLE "MINIMUM REINFORCEMENT LAP SPLICES AND EMBEDMENTS" AS FOLLOWS:

5. CONCRETE COVER FOR REINFORCEMENT BARS SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED OTHERWISE ON DRAWINGS:

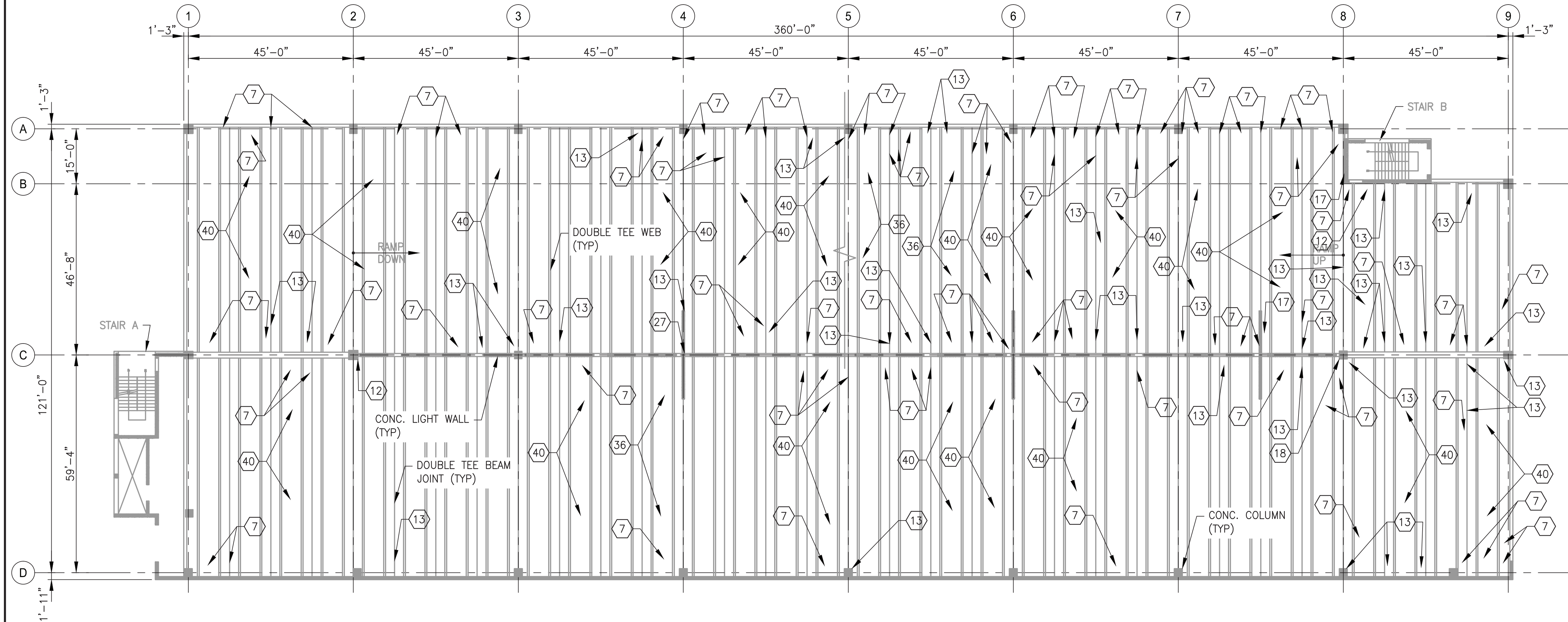
a. UNFORMED SURFACES IN CONTACT WITH GROUND	3 INCHES
b. FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER AND ALL WALLS	2 INCHES
c. COLUMNS AND BEAMS	1 1/2 INCHES
d. EXTERIOR EXPOSURE, TOP OF SLABS	1 1/2 INCHES

6. CHAMFER EXPOSED CONCRETE EDGES TO MATCH EXISTING.

1. REMOVE OR DEMOLISHED MATERIALS SHALL NOT BE ALLOWED TO FALL, DROP OR IMPACT AGAINST THE STRUCTURE TO REMAIN.
2. AREAS DAMAGED BY REMOVALS / DEMOLITION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OF RECORD.

3. ALL EXISTING DIMENSIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
2. STRUCTURAL DRAWINGS MUST BE USED IN CONJUNCTION WITH SPECIFICATIONS, AND OTHER 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.
3. CONTRACTOR SHALL MAINTAIN SAFEGUARDS NECESSARY TO PROTECT PERSONS AND PROPERTY FROM INJURY OR DAMAGE DURING THE PERFORMANCE OF THE WORK. OSHA, STATE, COUNTY AND MUNICIPAL CODES SHALL BE FOLLOWED.
4. THE PARKING FACILITY SHALL REMAIN IN SERVICE DURING THE ENTIRE PROJECT CONSTRUCTION EXECUTION. MAINTAIN AT LEAST TWO MEANS OF EMERGENCY AND EGRESS EXITS, ROUTES AND ACCESS TO ELEVATORS FROM EACH PARKING LEVEL DURING THE PROJECT CONSTRUCTION EXECUTION. CONTRACTOR SHALL PROVIDE TEMPORARY SIGNAGE DIRECTING PATRONS TO OPERATIONAL STAIRS AND ELEVATORS.
5. STAGING AREAS ARE TO BE KEPT CLEAN OF DEBRIS AND DIRT ON A DAILY BASIS, CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE AND CLEANING OF THESE AREAS DURING THE COURSE OF THE PROJECT.
6. CONTRACTOR SHALL PROTECT ALL EXISTING LANDSCAPED AREAS IN THE VICINITY WHERE WORK IS TO BE PERFORMED.
7. INFORMATION IN SECTIONS AND DETAILS SHOWN ON DRAWINGS ARE TYPICAL FOR THE ENTIRE PROJECT AND SHALL BE CONSIDERED TYPICAL FOR SIMILAR SITUATIONS NOT SHOWN.
8. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO PRODUCING SHOP DRAWINGS, FABRICATING COMPONENTS, OR ORDERING MATERIALS. ALL SHOP DRAWINGS SHALL SHOW DIMENSIONS FIELD VERIFIED BY THE CONTRACTOR.
9. THE QUANTITIES OF DETERIORATION SHOWN ON THE BID SCHEDULE ARE APPROXIMATE AND CAN VARY IN THE FIELD. ACTUAL FIELD CONDITIONS MAY WARRANT MODIFICATIONS TO THE CONSTRUCTION DETAILS. AREAS OF NEW DETERIORATION THAT HAVE OCCURRED AFTER THE COMPLETION OF THE CONDITION SURVEY INSPECTION ARE ALSO TO BE EXPECTED. THE CONTRACTOR SHALL SOUND ALL CONCRETE SURFACES AND MARK ALL AREAS OF CONCRETE DETERIORATION IN NEED OF REPAIR. THE LAYOUT SHALL BE VERIFIED AND APPROVED BY THE (A.R.).
10. ALL INFORMATION SHOWN ON DRAWINGS HAVE BEEN PREPARED BASED ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS. NO MATERIAL TESTING WAS PERFORMED.
11. CONTRACTOR SHALL SUBMIT SHORING PLANS WITH PROCEDURE AND SHOP DRAWING FOR APPROVAL PRIOR TO CONSTRUCTION. SEE SHORING DETAIL ON DRAWING S-510. PHASING BASED ON POTENTIAL NEED FOR SHORING THREE LEVELS BELOW THE WORK AREA FOR BEARING PAD REPLACEMENT FOR EACH PHASE AREA, NO MORE THAN FOUR LEVELS WITHIN PHASE AREA SHALL BE CLOSED AT A TIME (ONE FOR WORK AND THREE FOR SHORING BELOW) IN ORDER TO MINIMIZE OCCUPIED PARKING SPACES.
12. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGE TO CONDUITS THAT RESULT FROM THE SCOPE OF WORK.
13. CONTRACTOR SHALL PROVIDE TRAFFIC SIGNAGE DURING CONSTRUCTION AS PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE FEDERAL HIGHWAY ADMINISTRATION.
14. THE TOTAL NUMBER OF PARKING SPACES THAT CAN BE TAKEN OUT OF SERVICE SHALL BE LIMITED TO A MAXIMUM OF 250 SPACES AT A GIVEN TIME. PROVIDE TWO WEEKS ADVANCE NOTICE ON ALL 250 PARKING SPACES BEFORE TAKING PARKING SPACES FOR REHABILITATION.
15. TOTAL NUMBER OF HANDICAP PARKING SPACES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION DURATION. PROVIDE TEMPORARY HANDICAP SPACES AS REQUIRED AT OR NEAR ELEVATORS.
16. CONTRACTOR SHALL PROVIDE DEBRIS FALL PROTECTION BENEATH THE EXPANSION JOINT DURING REPLACEMENT ACTIVITIES.

DESIGNED <u>M. PARK</u> 01/2018 DATE			REFERENCE DRAWINGS		REVISIONS			<div><div><div>M</div><div>metrol</div></div><div>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</div><div>OFFICE OF DESIGN AND CONSTRUCTION</div><div>IRPG - FIXED FACILITIES</div><div><div>APPROVED JOHN PURDY ENGINEERING MANAGER</div><div>01/25/2018 DATE</div><div><div>APPROVED IFTEKHAR AHMAD ENGINEER OF RECORD</div><div>01/25/2018 DATE</div></div></div></div>		REHABILITATION OF PARKING GARAGES G05 - LARGO TOWN CENTER - NORTH PARKING GARAGE GENERAL STRUCTURAL NOTES				
DRAWN <u>L. NGUYEN</u> 01/2018 DATE			NUMBER	TITLE	DATE	NUM	DESCRIPTION			M NO.	CONTRACT NO.	SCALE	DRAWING NO.	SHEET NO.
CHECKED <u>L. KATSMAN</u> 01/2018 DATE					01/25/2018	0	FINAL SUBMITTAL	<div><div>APPROVED</div><div>01/25/2018</div><div>DATE</div></div>	M1301	FQ18064	NONE	G05-S-001	186 of 503	
					05/15/2018	1	AMENDMENT #2							



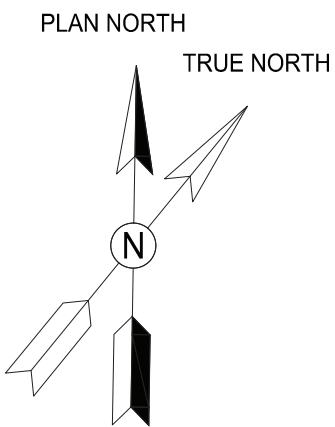
- DRAWING NOTES:
1. SEE DRAWING G05-S-002 FOR THE LIST OF KEY NOTES.

1 LEVEL 5 - FRAMING PLAN
G05-S-110

SCALE: 1/16" = 1'-0"

STRUCTURAL REPAIR QUANTITIES (LEVEL 5)			
KEY NOTES	QUANTITY	UNIT OF QTY.	NUMBER OF LOCATIONS
7	1,261	LF	78
12	9	SF	2
13	225	SF	37
17	10	EA	2
18	2	EA	1
27	4	SF	1
*36	24	EA	3
40	1,140	LF	19

* NOTE: FOR SEVERE LONGITUDINAL CRACKS IN DOUBLE TEE FLANGE, REPAIR DETAIL 36/S-517 SHALL BE PROVIDED.





GFP A Gannett Fleming/Parsons
JOINT VENTURE

"PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND."

LICENSE No. 42582

EXPIRATION DATE: 08/13/2018

- COMAR 09.23.03.10

<div>DESIGNED <u>M. PARK</u> 01/2018 DATE</div> <div>DRAWN <u>L. NGUYEN</u> 01/2018 DATE</div> <div>CHECKED <u>L. KATSMAN</u> 01/2018 DATE</div>			REFERENCE DRAWINGS		REVISIONS			<div><div><div>M</div><div>metro</div></div><div>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</div><div>OFFICE OF DESIGN AND CONSTRUCTION</div><div>IRPG - FIXED FACILITIES</div><div><div>APPROVED  01/25/2018 JOHN PURDY ENGINEERING MANAGER</div><div>DATE</div><div>APPROVED  01/25/2018 IFTEKHAR AHMAD ENGINEER OF RECORD</div><div>DATE</div></div></div>				REHABILITATION OF PARKING GARAGES G05 - LARGO TOWN CENTER - NORTH PARKING GARAGE LEVEL 5 FRAMING PLAN				
			NUMBER	TITLE	DATE	NUM	DESCRIPTION					M NO.	CONTRACT NO.	SCALE	DRAWING NO.	SHEET NO.
					01/25/2018	0	FINAL SUBMITTAL	M1301	FQ18064	1/16" = 1'-0"	G05-S-110	199 of 503				
					05/15/2018	1	AMENDMENT #2									