LEXINGTON STREET GARAGE REPAIRS 510 E. LEXINGTON STREET BALTIMORE, MD 21201



BAI TIMORE www.ebaengineering.com



PROFESSIONAL CERTIFICATION	USER
CERTIFY THAT THESE DOCUMENTS ERE PREPARED OR APPROVED BY E, AND THAT I AM A DULY LICENSED ROFESSIONAL ENGINEER UNDER THE	PA
AWS OF THE STATE OF MARYLAND. CENSE NO. <u>29272</u> ,	D GEI
XPIRATION DATE <u>6/20/21</u> ,	E

CITY OF BALTIMORE DEPARTMENT OF GENERAL SERVICES DESIGN AND CONSTRUCTION DIVISION



CONTRACT NO. GS 19810

FOR THE MAYOR AND CITY COUNCIL BRANDON M. SCOTT, MAYOR

AGENCY	Hisam Albattrawi			
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NERAL SERVILES 200 HOLLIDAY ST. BALTIMORE, MD 21202 (410) 545-6071	PROJECT MANAGER DESIGN SECTION	CONSTRUCTION MANAGER CONSTRUCTION SECTION	SECTION CHIEF, DESIGN SECTION	DIVISION CHI DESIGN & CO

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			RE	VISIONS	
		ND	DATE	DESCRIPTION	
		1	8/13/20	90% CD	
		2	10/13/20	100% CD	
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N CHIEF, & CONSTRUCTION DIVISION	DIRECTOR, DEPARTMENT OF GENERAL SERVICES	SHEET 1 OF 21			

PROPERTY INFORMATION

510 E. LEXINGTON STREET BALTIMORE, MD 21201 OWNER: MAYOR AND CITY COUNCIL

MAP 0004 GRID 0000 PARCEL 0000 SUBDIVISION 0000 WARD 04 SECTION 11 BLOCK 1330 LOT OO1

GENERAL NOTES

CONCRETE

CONFORM TO ASTM C33

REINFORCEMENT STEEL

ALL REINFORCING STEEL SHALL CONFORM TO ASTM-A615, GRADE 60. WELDED WIRE MESH TO CONFORM TO ASTM-A185. FABRICATE AND PROVIDE STANDARD SUPPORTING ACCESSORIES IN ACCORDANCE WITH THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ACI 315 LATEST ADDITION. ALL CONTINUOUS REINFORCING SHALL BE SPLICED WITH TYPE "B" SPLICE AND STAGGERED, UNLESS NOTED OTHERWISE. SUBMIT FOR APPROVAL SHOP DRAWING SHOWING ALL REINFORCING STEEL AND LOCATIONS AT COLD JOINTS FOR EXTENT OF THE CONCRETE POUR.



VICINITY MAP



LOCATION MAP

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE ACI CODE 318-11. 28-DAY CONCRETE STRENGTH SHALL BE AS SHOWN ON DRAWINGS AS FOLLOWS: STONE CONCRETE: COARSE AGGREGATE SHALL

 $F'_{C} = 4000 \text{ psi for footings, slab on grade, and the set of the set of$ COL. PEDESTAL U.N.O. ALL CONCRETE EXPOSED TO THE WEATHER SHALL BE AIR ENTRAINED WITH 6% + 1%.

CONCRETE PROTECTION FOR REINFORCEMENT

REINFORCING BARS AND MESH TO HAVE CONCRETE COVER AS FOLLOWS: FOOTINGS, GRADE/STRAP BEAMS AND OTHER CONCRETE POURED AGAINST EARTH - 3" FORMED CONCRETE EXPOSED TO EARTH - 2" FOR BARS LARGER THAN #5, 1 1/2" FOR #5 AND SMALLER BARS (EXTERIOR FACE OF WALLS) INTERIOR FACES OF WALLS - 1" SLABS ON GROUND, UNLESS OTHERWISE NOTED, TO HAVE REINFORCEMENT AT MID-DEPTH

WELDING

WELDING SHALL BE DONE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION, LATEST CODE, AND SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY. ALL FULL PENETRATION WELDS SHALL BE TESTED BY ULTRASONIC METHOD. ESTABLISH SPECIAL PROCEDURES FOR WELDS LARGER THAN 3/8" TO PREVENT LAMELLAR TEARING. ALL WELDS TO BE 3/16" FILLET MIN. 3" LONG UNLESS OTHERWISE REQUIRED.

INDEX OF DRAWINGS			
DRAWING ND.	SHEET ND.		
GENERAL			
CS-1.0	1	COVER SHEET	
CS-2	2	GENERAL NOTES/LEGEND	
STRUCTUR	RAL		
S-101	3	LEVEL G	
S-102	4	LEVEL 2A	
S-103	5	LEVEL 2	
S-104	6	LEVEL 3A	
S-105	7	LEVEL 3	
S-106	8	LEVEL 4A	
S-107	9	LEVEL 4	
S-108	10	LEVEL 5A	
S-109	11	LEVEL 5	
S-110	1 2	LEVEL 6A	
S-111	13	LEVEL 6	
5-112	14	LEVEL 7A	
S-113	15	LEVEL 7	
5-114	16	LEVEL 8A	
S-115	17	LEVEL 8	
5-116	18	LEVEL 9A	
S-117	19	LEVEL 9	
S-118	20	REPAIR DETAILS	
5-119	21	REPAIR DETAILS	







HAND RAILING DETAIL(OUTSIDE THE ELEVATOR LOBBIES) $(S-\overline{1}19)$ SCALE = NO SCALE

NOTES:

- 1. THERE ARE 18 TOTAL STEEL RODS MISSING AT THE NORTH EAST AND NORTH WEST ELEVATOR LOBBY HAND RAILS LOCATIONS, CONTRACTOR SHALL CHOOSE THE STEEL RODS, FABRICATE AND INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS.
- 2. THERE ARE SEVERAL STEEL RODS AT THE ELEVATOR LOBBIES AND AT THE NORTH EAST AND NORTH WEST STAIR CASES WHICH HAVE LOST THE WELD CONNECTIONS.CONTRACTOR SCOPE OF WORK IS TO WELD THE LOST/DETORIATED WELD CONNECTIONS.
- 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND THE SIZES SHOWN ON THE SKETCH PRIOR TO COMMENCEMENT OF WORK AND FABRICATION OF MATERIALS. DIMENSIONS SHOWN ON THE DRAWING DOES NOT REFLECT THE HAND RAILS FOR EACH FLOOR LEVEL AND DO NOT SUBSTITUTE FOR VERIFICATION DONE BY CONTRACTOR IN THE FIELD. 4. CONTRACTOR SHALL SUBMIT THE STEEL MANUFACTURER/SUPPLIER INFORMATION TOGETHER WITH THE SHOP DRAWINGS.
- CONNECTIONS TO BE MADE BY WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWS 'STRUCTURAL WELDING CODE-SHEET STEEL' OF THE AMERICAN WELDING SOCIETY. ALL SHOP AND FIELD WELDING SHALL BE DONE BY CERTIFIED WELDERS QUALIFIED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY STANDARDS.

1 2 3 4 5 6

ARROW DETAIL SCALE = NO SCALE

SCALE = NO SCALE

EXISTING PAVEMENT MARKINGS AT THE GARAGE SCALE = NO SCALE

NOTES:

- 1. ABOVE AS-BUILT MARKINGS ARE SHOWN FOR REFERENCE ONLY. THE RESTRIPING WORK IS FOR THE ENTIRE GARAGE FLOOR SURFACE MARKINGS ONLY WHICH INCLUDES BUT NOT LIMITED TO THE LANE MARKINGS, DIRECTIONAL ARROWS, CROSS HATCH AND ADA SPACES (APPROXIMATELY 16 TO BE FIELD VERIFIED). OVERHEAD MARKINGS ARE EXCLUDED.
- 2. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKINGS, DIMENSIONS AND THE SIZES OF THE EXISTING MARKINGS, RECORD EXISTING PAVEMENT MARKING LOCATIONS USING PHOTOGRAPHS AND PLACING MARKERS FOR FUTURE REFERENCE. AFTER PLACING THE PAVEMENT MARKINGS, THE CONTRACTOR SHALL TAKE PHOTOGRAPHS OF THE NEW MARKINGS AND MAKE SURE THEY MATCH TO PREVIOUS PAVEMENT MARKING LOCATIONS. IF THE LOCATIONS OF THE MARKINGS ARE DETERMINED BY THE CITY AND PABC TO BE IN THE INCORRECT LOCATIONS, THE CONTRACTOR SHALL REMOVE AND REPLACE THE NEWLY PLACED MARKINGS AT THE CONTRACTOR'S EXPENSE.
- 3. RESTRIPE ALL EXISTING MARKINGS BEFORE SEALCOATING OF THE FLOOR (IF APPLICABLE). REPAINT ALL SPACES, ARROWS, CROSSHATCH AND ADA ACCESS ALLOCATIONS, FOLLOWING THE ADA STANDARD FOR ACCESSIBLE DESIGN AND AS PER MARKED.
- 4. CONTRACTOR SHALL FOLLOW ALL APPLICABLE CITY, STATE, FEDERAL CODES AND REGULATIONS AS WELL AS PROPER REQUIREMENTS. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE EGINEER/ARCHITECT IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND THE SIZES SHOWN ON THE SKETCH PRIOR TO COMMENCEMENT OF WORK AND FABRICATION OF MATERIALS. DIMENSIONS SHOWN ON THE DRAWING DOES NOT REFLECT THE HAND RAILS FOR EACH FLOOR LEVEL AND DO NOT SUBSTITUTE FOR VERIFICATION DONE BY CONTRACTOR IN THE FIELD.

