

SPECIFICATIONS:

CONDITIONS:

- ALL WORK MUST BE PERFORMED IN ACCORDANCE W/ THE **TOWN OF EASTCHESTER** ZONING LAW, THE 2020 BUILDING CODE OF NEW YORK STATE, THE 2020 EXISTING BUILDING CODE OF NYS, AND ALL SUPPLEMENTS AND ALL CURRENT SUPPLEMENTS AND ALL OTHER APPLICABLE ORDINANCES, REGULATIONS, AND STANDARDS REQUIRED.
- ALL MANUFACTURED ITEMS SHALL BE INSTALLED OR APPLIED AS DIRECTED BY THE MANUFACTURERS RECOMMENDATIONS.
- CONTRACTOR TO INCLUDE ALL MATERIALS, LABOR, INCIDENTALS AND SERVICES FOR SATISFACTORY COMPLETION OF THE WORK.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE STARTING THE WORK.
- CONTRACTOR SHALL PERFORM ALL WORK REQUIRED FOR THE TOTAL COMPLETION OF THE PROJECT, WHETHER OR NOT INDICATED ON THE DRAWINGS. THE INTENTION OF THE DRAWINGS IS FOR A COMPLETE AND PROPER FUNCTIONING OF THE ENTIRE PROJECT.

INSURANCE:

- CONTRACTOR, AND HIS SUBCONTRACTORS, SHALL MAINTAIN WORKMENS COMPENSATION INSURANCE AS WELL AS ADEQUATE LIABILITY INSURANCE DURING THE ENTIRE LENGTH OF THE JOB.
- OWNER SHALL PROVIDE ADEQUATE PROPERTY INSURANCE ON VALUE OF THE CONSTRUCTION, INCLUDING FIRE & VANDALISM.

PERMITS & SURVEYS:

- CONTRACTOR SHALL FURNISH ALL PERMITS, LICENSES AND APPROVALS NECESSARY TO COMPLETE THE WORK.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH A CERTIFICATE OF OCCUPANCY AND OR COMPLETION UPON COMPLETION OF WORK.

SITE MAINTENANCE:

- JOB SITE TO BE KEPT CLEAN AT ALL TIMES, TRASH TO BE REMOVED FROM THE SITE WEEKLY OR STORED IN APPROVED DUMPSTER UNTIL FULL THAN THAN CARTED AWAY FROM THE SITE.
- CARE SHALL BE TAKEN TO PROTECT THE TREES ON THE PROPERTY FROM THE METHODS AND MANNERS OF CONSTRUCTION. TRAFFICKING AND STORAGE OF MATERIALS. RETURN THOSE AREAS DAMAGED BY SUCH TO THEIR ORIGINAL CONDITION.

GENERAL NOTES

- WORK MUST CONFORM TO THE OTHER REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE, AND THE 2020 EXISTING BUILDING CODE OF NYS AND ALL SUPPLEMENTS FIRE DEPARTMENT REGULATIONS AND ALL APPLICABLE LAWS, UTILITY COMPANY REQUIREMENTS AND BEST TRADE PRACTICES.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIREMENTS CERTIFICATES OF INSURANCE WITH DEPARTMENT OF BUILDING. OBTAIN ALL REQUIRED PERMITS FROM ALL APPLICABLE AGENCIES AND PAY ALL FEES REQUIRED BY GOVERNING AGENCIES.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PROPER TO COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ENGINEER/ARCHITECT.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED BUT NECESSARY FOR PRIOR CONSTRUCTION OF ANY PART OF WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS. AND THE ENGINEER/ARCHITECT AND OWNER SHALL BE NOTIFIED IN THE WRITING PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL COORDINATE ALL WORK PROCEDURES WITH REQUIREMENTS OF LOCAL AUTHORITIES AND OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITH IN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR ALL STRUCTURAL OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITIES FOR ANY DAMAGE AND INJURIES CAUSED BY DURING THE EXECUTION OF THE WORK.
- PLUMBING AND ELECTRICAL WORK IF ANY SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADE, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN OFF.
- THE CONTRACTOR SHALL DO ALL PATCHING AND CUTTING, REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
- ALL PIPING AND WIRING SHALL BE REMOVED TO A POINT OF CONCEALMENT AND SHALL BE PROPERLY CAPPED AND PLUGGED.
- SHORING OF MEMBERS AND PROTECTIONS OF THE EXISTING STRUCTURE DURING CONSTRUCTION IS THE RESPONSIBILITY OF CONTRACTOR AND SHALL COMPLY WITH ALL REQUIREMENTS OF LOCAL AND STATE CODES.
- THIS PLAN AND APPLICATION HAS BEEN FILED FOR STATED WORK ONLY. ANY REVISIONS OR CHANGES TO THE SCOPE OF THE WORK SHALL REQUIRE AMENDED PLANS AND/OR A SEPARATE APPLICATION.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, NOTES, AND CONDITIONS AT THE JOB SITE, AND IS TO REPORT ANY DEVIATIONS TO THE ARCHITECT/ENGINEER PRIOR TO THE START OF ANY WORK.
- PROTECTION OF ADJOINING PROPERTIES SHALL BE MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, AND RULES AND
- THE PLANS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS SHALL GOVERN.
- IN CASE OF ANY DISCREPANCIES BETWEEN THE GENERAL NOTES, AND SPECIFIC ITEMS SHOWN ON PLANS, THE PLANS SHALL PREVAIL.
- THE CONTRACTOR SHALL REPAIR ALL PORTIONS OF THE PREMISES THAT ARE DAMAGED DURING THE COURSE OF HIS WORK.
- BEFORE SUBMITTING PROPOSAL, ALL CONTRACTORS SHALL VISIT THE PREMISES, FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF WORK AND DIFFICULTIES THAT ATTEND ITS EXECUTION.
- IF THE CONTRACTOR CLAIMS EXTRA COST UNDER THE CONTRACT HE SHALL GIVE THE OWNER AND THE ARCHITECT WRITTEN NOTICE THEREOF WITHIN A REASONABLE TIME BEFORE PROCEEDING TO EXECUTE THE WORK, ALL CLAIMS FOR EXTRA WORK WILL BE SUBMITTED IN WRITING FOR APPROVAL BY THE OWNER.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO SCHEDULE ALL NECESSARY INSPECTIONS FROM AGENCIES RESPONSIBLE. GC IS ALSO RESPONSIBLE FOR ALL TRADE PERMITS AND INSPECTION FEES

TENANT SAFETY NOTES

GENERAL:

- ALL WORK TO BE ONE IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, THE 2020 EXISTING BUILDING CODE OF NYS AND REGULATIONS OF ALL OTHER AGENCIES HAVING JURISDICTION.

STRUCTURAL:

- CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY BRACING AND SHORING WHERE EVER ANY STRUCTURAL WORKS IS INVOLVED
- ALL DEMOLITION OPERATIONS, REPAIR OPERATIONS AND ALTERNATIONS OPERATIONS TO BE DONE IN ACCORDANCE WITH NEW YORK STATE BUILDING CODE AND LOCAL LAWS
- IF SITE SAFETY BRIDGING IS NOT REQUIRED BY CODE, AT A MINIMUM, OVERHEAD PROTECTION SHALL BE PROVIDED AT ALL ENTRANCES, WALKWAYS WITHIN 10' OF THE WORK SHALL ALSO BE BRIDGED REGARDLESS OF CODE REQUIREMENTS.

MEANS OF EGRESS:

- ALL EXISTING MEANS OF EGRESS FOR TENANTS OF BUILDING TO BE MAINTAINED CLEAR AND FREE OF ALL OBSTRUCTIONS, SUCH AS BUILDING MATERIALS, TOOLS E.T.C.

FIRE SAFETY:

- ALL BUILDING MATERIALS STORED AT CONSTRUCTION AREA AND /OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA. ACCESS TO SUCH AREAS TO BE CONTROLLED BY OWNER AND /OR GENERAL CONTRACTOR.
- ALL MATERIALS TO BE STORED IN AN ORDERLY FASHION.
- ALL FLAMMABLE MATERIALS TO BE KEPT TIGHTLY SEALED IN THEIR RESPECTIVE MANUFACTURERS CONTAINERS SUCH MATERIALS ARE TO BE KEPT AWAY FROM HEAT.
- ALL FLAMMABLE MATERIALS TO BE USED AND STORED IN AN ADEQUATE, VENTILATED SPACE.
- ALL ELECTRICAL POWER TO BE SHUT OFF WHERE THERE IS EXPOSED CONDUIT.
- ALL ELECTRICAL POWER IN CONSTRUCTION AREA TO BE SHUT OFF AFTER WORKING HOURS.
- CONTRACTOR AT ALL TIMES TO MAKE SURE THERE S NO LEAKAGE OF NATURAL GAS IN THE BUILDING OR ANY FLAMMABLE GAS USED IN CONSTRUCTION.

DUST CONTROL:

- DEBRIS, DIRT AND DUST TO KEPT TO A MINIMUM AND BE CONFINED TO IMMEDIATE CONSTRUCTION AREA.
- CONTRACTOR TO ISOLATE CONSTRUCTION AREA FROM OCCUPIED BUILDING AREA BY MEANS OF TEMPORARY PARTITIONS OR HEAVY WEIGHT DROP CLOTHS.
- DEBRIS, DIRT AND DUST TO BE CLEANED UP AND CLEARED FROM BUILDING PERIODICALLY BUT NOT LESS THAN FREQUENTLY THAN DAILY TO AVOID ANY EXCESSIVE ACCUMULATIONS.

NOISE AFTER HOURS:

- CONSTRUCTION OPERATIONS WILL BE CONFINED TO NORMAL WORKING HOURS 8 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY EXCEPT LEGAL HOLIDAYS.
- CONTRACTOR TO OBTAIN WRITTEN CONSENT OF ALL PARTIES AFFECTED BY HIS WORKING DURING OTHER THAN NORMAL HOURS, AS DEFINED ABOVE.
- CONTRACTOR SHALL OBTAIN AFTER HOUR WORK PERMIT FROM ALL APPLICABLE AGENCIES IF WORKING AFTER HOURS.
- CONSTRUCTION OPERATIONS WILL NOT INVOLVE INTERRUPTION OF HEATING WATER OR ELECTRICAL SERVICES TO OTHER TENANTS OF THE BUILDING.
- CONSTRUCTION WORK WILL BE CONFINED TO AREA OF WORK AND WILL NOT CREATE DUST, DIRT OR OTHER SUCH INCONVENIENCES TO OTHER APARTMENT UNITS WITHIN THE BUILDING.
- LOCATION WILL BE DETERMINED BY THE EXTENT OF REPAIRS OR CONSTRUCTION.

STRUCTURAL DESIGN CRITERIA SHEET

BUILDING CODE: THE 2020 BUILDING CODE OF NEW YORK STATE.

STRUCTURAL MATERIALS:

REINFORCED CONCRETE (NWT & AIR-ENTRAINED) F_{cr}=: 4000 PSI
STRUCTURAL STEEL: ASTM A - 992, F_y = 50,000 PSI
MISCELLANEOUS STEEL ASTM A - 36, F_y = 36,000 PSI

METAL DECK AND COLD FORMED STEEL: ASTM A 446, F_y = 33,000 PSI
CONCRETE MASONRY: F_m = 1950 PSI

DEAD LOADS

REINFORCED CONCRETE :	150 PCF
STRUCTURAL STEEL:	490 PCF
CONCRETE MASONRY :	140 PCF
FLOORING LOAD:	1 PSF
PARTITION LOAD:	10 PSF
CEILING LOAD:	3 PSF
MECHANICAL DUCT:	4 PSF
ROOFING:	6 PSF

SNOW LOAD:

PG = 45 PSF
PF = 28 PSF, SAY 30 PSF

LIVE LOAD:

ROOF :	30 PSF
SECOND FLOOR TO FOURTH FLOOR:	
ALL RESIDENTIAL AREAS:	40 PSF
PUBLIC AREAS (LOBBY AND CORRIDOR):	100 PSF
FIRST FLOOR:	
ALL RESIDENTIAL AREAS:	40 PSF
ALL PUBLIC SPACES (LOBBY, STORAGE, CORRIDORS):	100 PSF
ALL MECHANICAL ROOM, ETC.	100 PSF
ALL PARKING AREAS:	75 PSF
ALL OFFICE AREA:	50 PSF

WIND LOAD: 120 MPH AT 33 FEET ABOVE GROUND

ZONE A:	19.2 PSF
ZONE B:	- 10.0 PSF
ZONE C:	12.7 PSF
ZONE D:	- 5.9 PSF

SEISMIC LOAD:

SEISMIC USE GROUP: I
SEISMIC DESIGN CATEGORY: C

FOUNDATION BEARING CAPACITY: 2 TONS PER SQUARE FOOT

SAFEGUARDS DURING CONSTRUCTION:

PROJECT SHALL COMPLY WITH CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION OF THE 2020 BUILDING CODE OF NEW YORK STATE, 3301.2 STORAGE AND PLACEMENT. CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS ADJOINING PROPERTY FOR THE DURATION OF THE CONSTRUCTION PROJECT.

3302.1 ALTERATIONS, REPAIRS AND ADDITIONS. REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES DURING REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.

EXCEPTIONS:

- WHEN SUCH REQUIRED ELEMENTS OR DEVICES ARE BEING REMODELED, ALTERED OR REPAIRED, ADEQUATE SUBSTITUTE PROVISIONS SHALL BE MADE.

- MAINTENANCE OF SUCH ELEMENTS AND DEVICES IS NOT REQUIRED WHEN THE EXISTING BUILDING IS NOT OCCUPIED.

3302.2 MANNER OF REMOVAL. WASTE MATERIALS SHALL BE REMOVED IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHTS-OF-WAY.

UTILITY NOTES

1. EXISTING WATER, ELECTRICAL, GAS, SANITARY SEWER, STEAM PIPES, TELEPHONE AND COMPUTER LINES SHALL BE PROTECTED AND/OR RELOCATED TO ACCOMMODATE THE NEW LAYOUT.

2. ANY CHANGES OR ADDITIONS TO GAS, ELECTRICAL, OR OTHER UTILITIES ARE TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH A REPRESENTATIVE OF THAT UTILITY COMPANY.

VISUAL CONSTRUCTION INSPECTIONS FOR DOB

- FIRE STOPPING INSPECTION
- PLUMBING INSPECTION (ROUGH AND FINAL)
- ELECTRICAL INSPECTION (ROUGH AND FINAL)
- MECHANICAL INSPECTION
- FINAL CONSTRUCTION INSPECTION

3306.1 PROTECTION REQUIRED. PEDESTRIANS SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING AND DEMOLITION ACTIVITIES AS REQUIRED BY THIS CHAPTER AND TABLE 3306.1. SIGNS SHALL BE PROVIDED TO DIRECT PEDESTRIAN TRAFFIC.

PERMITS REQUIRED FROM DEPT. OF BUILDINGS

- BUILDING PERMIT
- PLUMBING PERMIT
- ELECTRICAL PERMIT
- CERTIFICATE OF COMPLIANCE AT COMPLETION OF PROJECT

ELECTRICAL LIGHTING AND POWER TO BE PROVIDED BY LICENSED ELECTRICIAN AND COORDINATED WITH THE FIRE DEPARTMENT

2020 ENERGY CONSERVATION CODE OF NEW YORK STATE & UNIFORM CODE SUPPLEMENTS CHAPTER 1 - GENERAL REQUIREMENTS

SECTION 101 SCOPE AND GENERAL REQUIREMENTS
R101.1 Title. This code shall be known as the Energy Conservation Construction Code of New York State, and shall be cited as such. It is referred to herein as "this code."

R501.2 Existing buildings. Except as specified in this chapter, this code shall not be used to require the removal, alteration or abandonment of, nor prevent the continued use and maintenance of, an existing building or building system lawfully in existence at the time of adoption of this code.

R501.4 Compliance. Alterations, Repairs, Additions and changes of occupancy to, or relocation of, existing buildings and structures shall comply with the provisions for, alterations, repairs, additions, and changes of occupancy or relocation, respectively in the International Residential Code, International Code, International Fire Code, International Fuel Gas Code, International Mechanical Code, International Plumbing Code, International Property Maintenance Code, International Private Sewage Disposal Code and NFPA 70.

R502.1 General. (Additions) Additions to an existing building, building system or portion thereof shall conform to this Code as those provisions relate to new construction without requiring the unaltered portion of the existing building or building system to comply with this code.

R503.1 General. Alterations to any building or structure shall comply with the requirements of the code for new construction. Alterations shall be such that the existing building or structure is no less conforming to the provisions of this code than the existing building or structure was prior to the alteration.

Exception: The following alterations need not comply with the requirements for new construction provided the energy use of the building is not increased:

- Storm windows installed over existing fenestration
- Existing ceiling, wall or floor cavities exposed during construction provided that these cavities are filled with insulation
- Construction where the existing roof, wall or floor cavity is not exposed.
- Roof recover
- Roofs without insulation in the cavity and where the sheathing or insulation is exposed during re-roofing shall be insulated either above or below the ceiling.
- Surface-applied window film installed on existing single pane fenestration assemblies to reduce solar heat gain provided the code does not require the glazing or fenestration assembly to be replaced.

305.7 Alterations Affecting an Area Containing a Primary Function

Where an alteration affects the accessibility to, or contains an area of primary function, the route to the primary function area shall be accessible. The accessible route to the primary function area shall include toilet facilities and drinking fountains serving the area of primary function.

Exceptions:

- The costs of providing the accessible route are not required to exceed 20 percent of the costs of the alterations affecting the area of primary function.
- This provision does not apply to alterations limited solely to windows, hardware, operating controls, electrical outlets and signs.
- This provision does not apply to alterations limited solely to mechanical systems, electrical systems, installation or alteration of fire protection systems and abatement of hazardous materials.
- This provision does not apply to alterations undertaken for the primary purpose of increasing the accessibility of a facility.
- This provision does not apply to altered areas limited to Type B dwelling and sleeping units.

WORKSHEET

ADA PATH OF TRAVEL IMPROVEMENTS, 20% DISPROPORTIONATE COSTS

SCOPE OF WORK: REPLACE THE EXISTING STRUCTURAL APPARATUS FLOOR AND EXTERIOR IMPROVEMENTS

REPLACEMENT OF APPARATUS STRUCTURE FLOOR SYSTEM BUDGET:

TOTAL: 561,500 BUDGET FOR IMPROVEMENTS

20% OF 561,500 = \$112,300, MAX FOR ADA IMPROVEMENTS AS PER CODE

LIST OF ADA IMPROVEMENTS FOR EXISTING BUILDING:

- INTERIOR ACCESSIBLE PORTABLE RAMP: \$10,000
- EXTERIOR ACCESSIBLE PERMANENT RAMP TO ENTRANCE OF BUILDING AND WALKWAY: \$30,000
- EXISTING INTERIOR BATH ROOM CONVERSION TO COMPLIANT BATH ROOMS: \$75,000

TOTAL OF COSTS PROPOSED: \$115,000.00



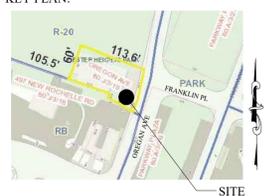
UES NOTE:

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NO.	ISSUED FOR	DATE
7	ADDENDUM #1 REVIEW	07/28/22
6	BID REVIEW ADA IMPROVEMENTS	10/19/21
5	BLDG. DEPT. REVIEW	05/03/21
4	BLDG. DEPT. REVIEW	06/02/20
3	BID DOCUMENTS	05/08/20
2	BID DOCUMENT REVIEW	03/30/20
1	CLIENT REVIEW	12/20/19

REVISIONS

KEY PLAN:



SCOPE OF WORK:

RESTROOM ADA IMPROVEMENTS AND MECHANICAL SYSTEMS

PROJECT LOCATION:

CHESTER HEIGHTS
EASTCHESTER FIRE STATION
EASTCHESTER, N.Y.
SECTION: 80.J
BLOCK: 03
LOT: 19
ZONE: R-20

SHEET TITLE:

GENERAL NOTES AND SPECIFICATIONS

PROJECT #: 18-040418

SCALE: AS NOTED

DATE: 07/28/22

DRAWN BY: JOSEPH PATERNO, LEED AP

REVIEWED BY: MICHAEL GIANATASIO, P.E.

SEAL:

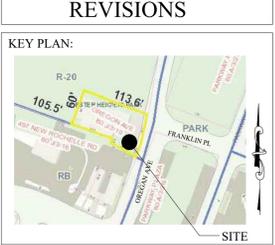
SHEET NO.:

S-001

SHEET: 1 OF 10

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1	CLIENT REVIEW	12/20/19



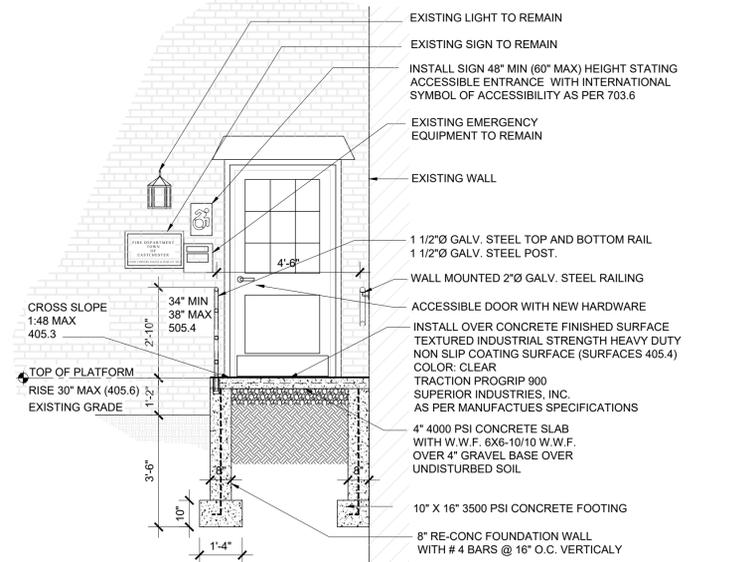
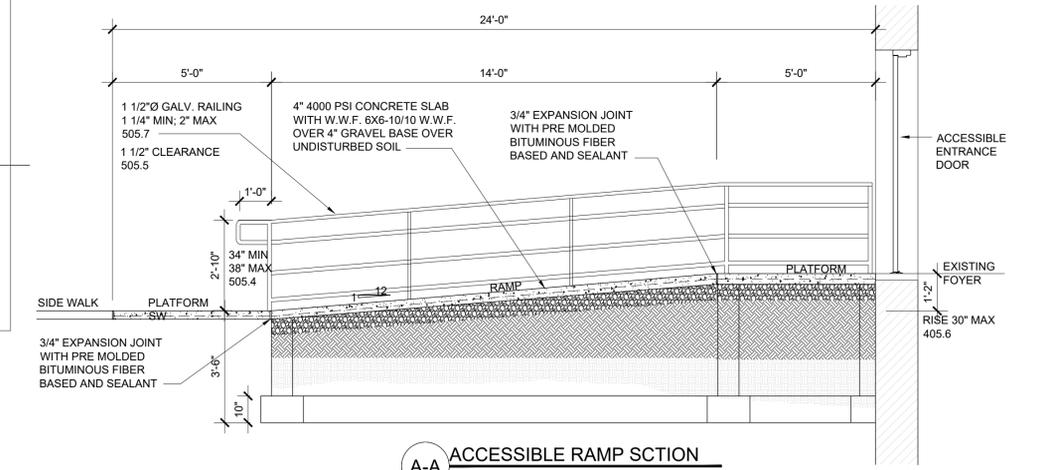
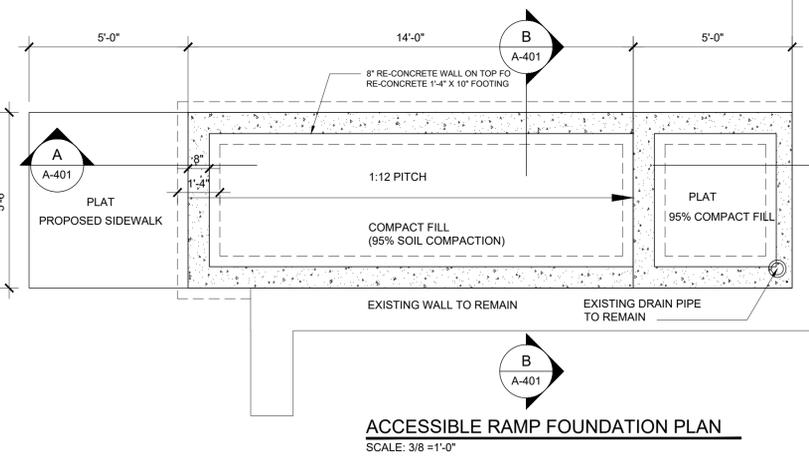
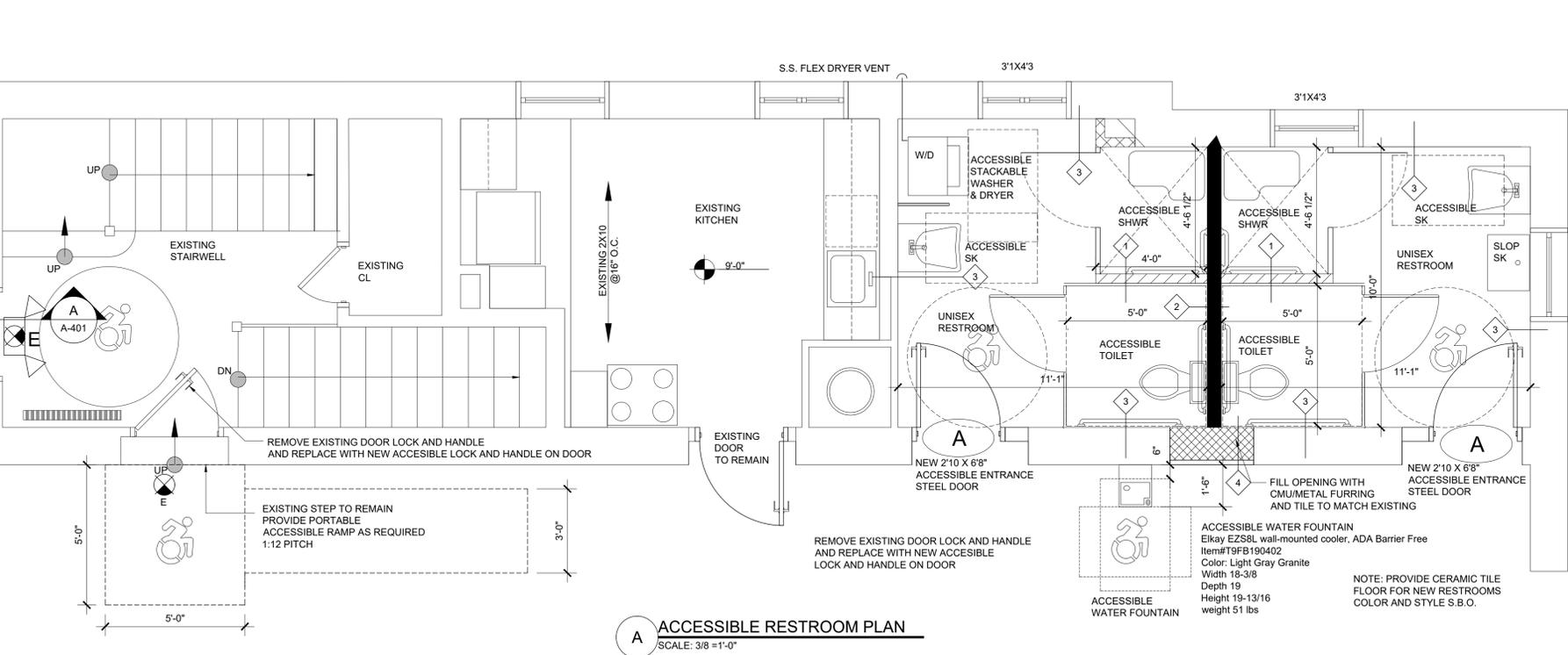
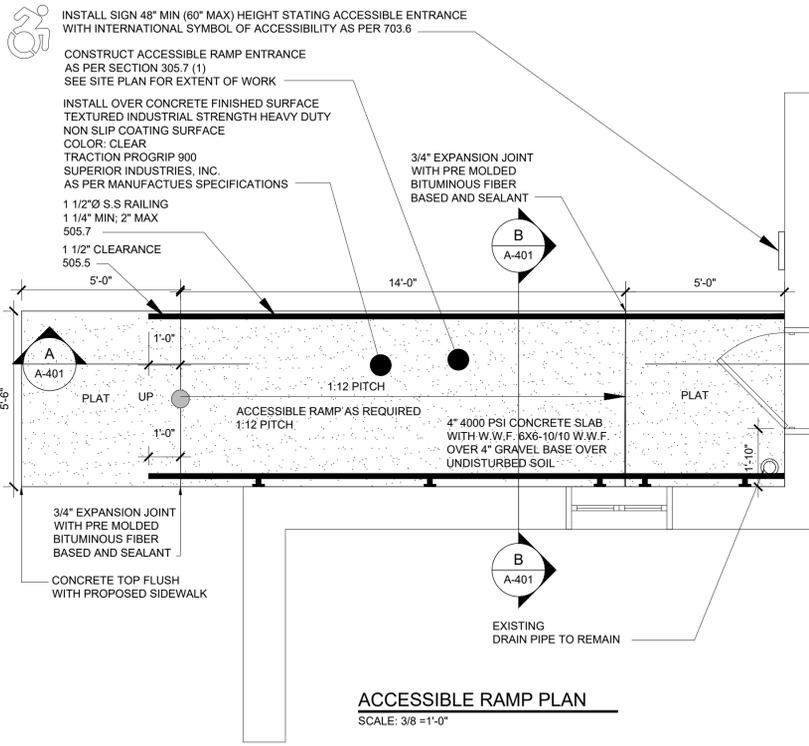
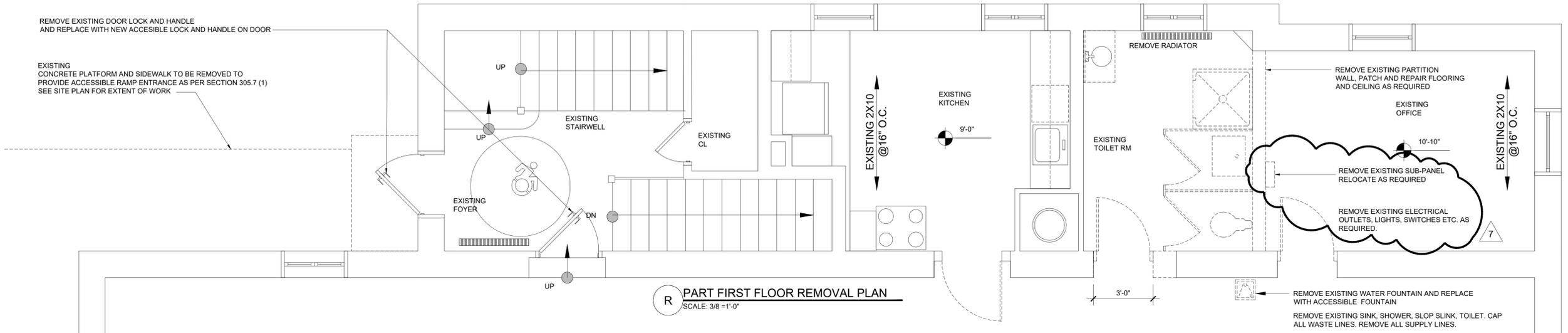
SCOPE OF WORK:
RESTROOM ADA IMPROVEMENTS AND MECHANICAL SYSTEMS

PROJECT LOCATION:
 CHESTER HEIGHTS EASTCHESTER FIRE STATION
 EASTCHESTER, N.Y.
 SECTION: 80.J
 BLOCK: 03
 LOT: 19
 ZONE: R-20

SHEET TITLE:
ENLARGED PART FLOOR PLANS ENLARGED ACCESSIBLE RAMP PLAN, SECTIONS AND ELEVATIONS

PROJECT #: 18-040418
 SCALE: AS NOTED
 DATE: 07/28/22
 DRAWN BY: JOSEPH PATERNO, LEED AP
 REVIEWED BY: MICHAEL GIANATASIO, P.E.

SEAL: SHEET NO.: **S-401**



EQUIPMENT SCHEDULE:

ITEM	LOCATION	MANUFACTURE	INFORMATION	SIZE	COLOR		TOTAL
GARAGE DOOR	APPARATUS FLOOR	RAYNOR GARAGE DOOR	THERMASEAL TM200C	16'-8" X 13'-1"	S.B.O.		
FLOOR DRAIN	APPARATUS FLOOR	JAY R. SMITH MFG. CO.	12" HEAVEY GAGE GALV. STEEL GRATING	12"	N.A.		
TRENCH DRAIN	DRIVEWAY	PRECAST CONCRETE SALES CO.	8"Ø HEAVY DUTY DRAIN	8"Ø	S.B.O.		
CEILING PAINT	APPARATUS CEILING	BENJAMIN MOORE	ULTRA SPEC HP D.T.M. ACRYLIC GLOSS HP28 PRIMER AND FINISH COAT	N/A	S.B.O.		
DRYWELL	DRIVEWAY	PRECAST CONCRETE SALES CO.	PRE-CAST CONCRETE LEACHING RING	10"Ø X 6'	N.A.		
DRYWELL	FRONT YARD	CULTEC, INC.	RECHARGER 330 XL HD	4'-4"Ø X 8'-6"	N.A.		
FIRE PROOFING	CELLAR	GCP APPLIED TECHNOLOGIES	MONOKOTE Z-106.HY	N/A	N.A.		
WATERPROOFING	APPARATUS FLOOR	SIKA CORPORATION	COLID FLUID APPLIED POLYURETHAN TRAFFIC WATERPROOFING SYSTEM (SIKALATIC 745 TEXTURED) SIKALISTIC PRIMER SIKALISTIC 720 BASECOAT SIKALISTIC 745 TEXTURED TOP COAT	N/A	N.A.		
TOILET BOWL	RESTROOM	AMERICAN STANDARD	MADERA Elongated one-piece toilet	ADA	WHITE	MODEL: 2857.128.020	2
SINK	RESTROOM	AMERICAN STANDARD	Wheelchair 20" Wall Mounted Porcelain Bathroom Sink	ADA	WHITE	MODEL: 99140.013.020	2
FAUCET	RESTROOM	AMERICAN STANDARD	Colony Widespread Bathroom Faucet	ADA	WHITE	MODEL: 3875.501.002	2
SLOP SINK	RESTROOM	AMERICAN STANDARD	Wheelchair 20" Wall Mounted Porcelain Bathroom Sink	ADA	WHITE	MODEL: 99140.013.020	1
UTILITY SINK	RESTROOM	SPLASH	Splash CS-1-24-24-14-BS8 27" 1 Compartment Sink w/ 24"L x 24"W Bowl, 14" Deep	ADA	SS	MODEL: KaTom #: 079-BK8BS12414 • MPN: CS-1-24-24-14-BS8 (BK8BS-1-24-14)	1
UTILITY SINK FAUCET	RESTROOM	SPLASH	Splash SPL810L-12 Splash Mount Faucet w/ 10" Swing Spout & Lever Handles		SS	KaTom #: 079-SPL01821 • MPN: SPL810L-12	1
BATH/SHOWER PARTITIONS	RESTROOM	HADRIAN	STAINLESS STEEL PARTITIONS	ADA	SS	AS PER DRAWING LAYOUTS	2
MIRROR	RESTROOM	AMERICAN SPECIALITES (ASI)	STAINLESS STEEL 24X36	ADA	SS	MODEL# 20650-B SERIES	2
GRAB BARS	RESTROOM	AMERICAN SPECIALITES (ASI)	STAINLESS STEEL AS PER DRAWINGS	ADA	SS	AS PER DRAWINGS LAYOUTS & ADA DETAILS	2
SHOWER SEAT	RESTROOM	AMERICAN SPECIALITES (ASI)	FOLDING SHOWER SEAT	ADA	SS	8206-L FOLDING SHOWER SEAT, SOLID PHENOLIC, WHITE - L SHAPED, 33" WIDE - LEFT HAND, 8206-R FOLDING SHOWER SEAT, SOLID PHENOLIC, WHITE - L SHAPED, 33" WIDE - RIGHT HAND,	2
HAND DRYERS	RESTROOM	AMERICAN SPECIALITES (ASI)	SATIN STAINLESS STEEL	ADA	SS	0185-93 PROFILE™ STEEL COVER HAND DRYERS	2
TOILET TISSUE DISPENSER	RESTROOM	AMERICAN SPECIALITES (ASI)	SATIN STAINLESS STEEL	ADA	SS	74022-HBSM TOILET TISSUE HOLDER WITH HOOD (DOUBLE) - SURFACE MOUNTED, BRIGHT	2
ACCESSIBLE WATER FOUNTAIN	APPARATUS FLOOR	Elkay	Color: Light Gray Granite	ADA		Elkay EZS8L wall-mounted cooler, ADA Barrier Free Item#T9FB190402 Color: Light Gray Granite Width 18-3/8 Depth 19 Height 19-13/16 weight 51 lbs	1

7

UNIVERSAL ENGINEERING SERVICES, P.C.

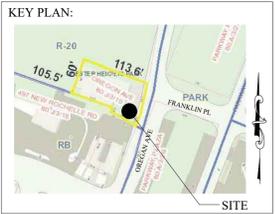
ENGINEERING GREEN DESIGN CONSTRUCTION MANAGEMENT

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Armonk, New York 10504
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E-MAIL: JPATRNO@UESPC.COM

UES NOTE:
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NO.	ISSUED FOR	DATE
7	ADDENDUM #1 REVIEW	07/28/22
6	BID REVIEW ADA IMPROVEMENTS	10/19/21
5	BLDG. DEPT. REVIEW	05/03/21
4	BLDG. DEPT. REVIEW	06/02/20
3	BID DOCUMENTS	05/08/20
2	BID DOCUMENT REVIEW	03/30/20
1	CLIENT REVIEW	12/20/19

REVISIONS



SCOPE OF WORK:

RESTROOM ADA IMPROVEMENTS AND MECHANICAL SYSTEMS

PROJECT LOCATION:
CHESTER HEIGHTS EASTCHESTER FIRE STATION
EASTCHESTER, N.Y.
SECTION: 80.J
BLOCK: 03
LOT: 19
ZONE: R-20

SHEET TITLE:

EQUIPMENT LIST ACCESSIBLE TYPICAL DETAILS

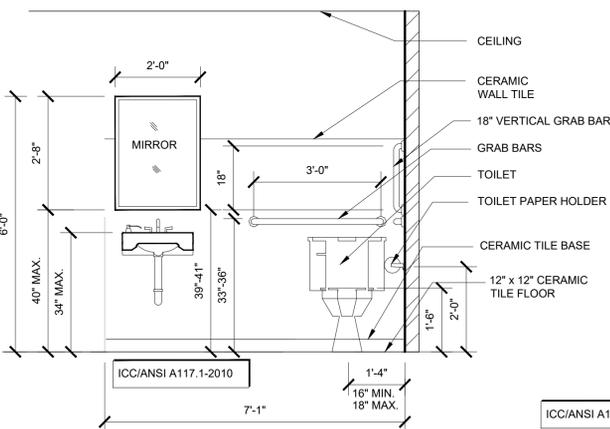
PROJECT #: 18-040418
SCALE: AS NOTED
DATE: 07/28/22
DRAWN BY: JOSEPH PATERNO, LEED AP
REVIEWED BY: MICHAEL GIANATASIO, P.E.

SEAL: SHEET NO.: S-403

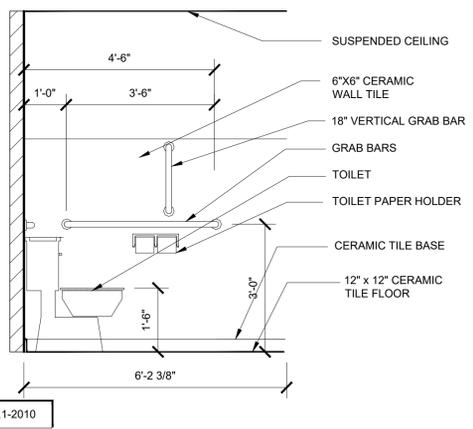
- ANSI COMPLIANT DISPENSERS AS PER SECTION: 604.7
- ANSI COMPLIANT GRAB BARS AS PER SECTION: 604.5
- ANSI COMPLIANT SINK AS PER SECTION 606.1
- ANSI COMPLIANT TOILET AS PER SECTION 604.1
- ANSI COMPLIANT COAT HOOKS AND SHELVES AS PER SECTION 603.4 SHELVES: 40" MIN. 48" MAX. ABOVE FLOOR
- ANSI COMPLIANT MIRRORS AS PER SECTION 603.3
- FLOOR TYPE: 12" x 12" CERAMIC TILE

- MARBLE SADDLE ADA COMPLIANT THRESHOLD AT DOORWAYS: 1/2" MAXIMUM HEIGHT AS PER SECTION 404.2.4
- NEW 2'-10" x 6'-8" S.C. DOOR WITH ANSI HARDWARE ANSI COMPLIANT DOOR WIDTH 32" MINIMUM CLEAR AS PER SECTION 404.2.2
- BLOCKING DETAIL FOR GRAB BARS SEE LOCATIONS OF GRAB BARS FOR EXTENT OF WORK

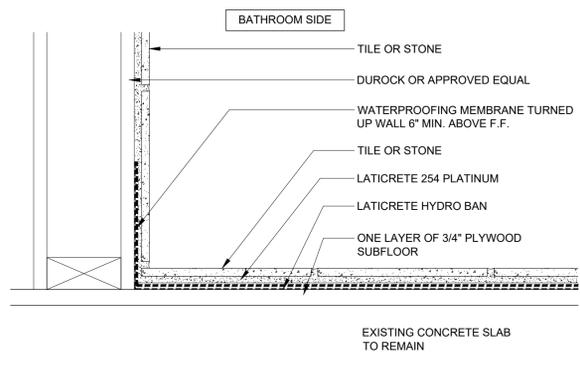
ICC/ANSI A117.1-2010



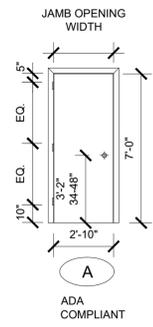
309.4 OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.



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WATERPROOFING DETAIL
SCALE: 3" = 1'-0"



DOOR SCHEDULE:

NOTE: FIELD VERIFY ALL EXISTING MASONRY OPENINGS

ALL FLOOR LEVELS		EACH DOOR LEAF			FRAME DETAILS							REMARKS			
NO.	ROOM	W	H	T	TYPE	STYLE	FINISH	MATERIAL	FRAME	FR	HEAD		JAMB	SILL	HW
A	ADA TOILET RM	2'-10"	7'-0"	1 3/8"	SINGLE	FLUSH	PAINT	STL 16 GA	STL 18 GA	N/A	B	B			1 1/2 HR F.P.S.C.

NOTE: ALL DOOR LOCATIONS SHALL COMPLY WITH DOOR APPROACH AND SWING SHALL COMPLY WITH ALL ADA REQUIREMENTS.

NOTE: PROVIDE CLOSER: CLOSER SPEED TO COMPLY WITH ADA: CLOSER 5 SEC. MIN. FROM 90° TO 12° (SPRING HINGES; 1.5 SEC MIN. FROM 70° TO 0°)

NOTE: THRESHOLDS (404.2.5) 1/2" MAX HIGH (BEVELED IF ABOVE 1/4")

NOTE: SMOOTH SURFACE (404.2.10) REQUIRED AT THE BOTTOM ON THE PUSH SIDE 10" MIN AFF.

NOTE: OPENING FORCE (404.2.9) 5 LBS MAX.

ELECTRICAL LEGEND

- FOR APPARATUS FLOOR:
48" FLHA SERIES LED LINEAR HIGH BAY COMMERCIAL UNIT LUMINAIRE - 321W
MANUFACTURE: PACKLIGHTS
MODEL# FLHA 4D 321
- FOR CELLAR FLOOR:
48" LED HIGH BAY COMMERCIAL UNIT LUMINAIRE - 321W
IBG LED HIGH BAY 20" X 48"
3600LM 120V HIGH EFFICIENCY
FIXTURES WITH SENSOR
- 2X2 LED RECESSED DIRECT/INDIRECT LUMINAIRE
- 2X2 CEILING TILE S.B.O.
- EXISTING EMERGENCY LIGHTING
- EXISTING EXIT SIGN
- EXISTING ELECTRICAL OUTLET
- INDUSTRIAL/COMMERCIAL COMBO UNIT LED EXIT SIGN
WATTS PER EXIT SIGN: 4.0 W (5 WATTS MAX.)
- SINGLE POLE TOGGLE SWITCH,
MS INDICATES WITH MOTION SENSOR
- SINGLE POLE TOGGLE SWITCH.
- DUPLEX GFI OUTLET
- 20 AMP 110V OUTLET
- PORTABLE FIRE EXTINGUISHERS
- SMOKE/CARBON DIOXIDE ALARM COMBINATION
HARD WIRED AND CONNECTED TO A CENTRAL STATION.

UNIVERSAL ENGINEERING SERVICES, P.C.

ENGINEERING GREEN DESIGN CONSTRUCTION MANAGEMENT

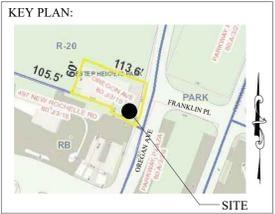
403 Main Street, Suite 871
Armonk, New York 10504
TEL: (212) 586-5192
FAX: (914) 470-1133
E-MAIL: JPATERNO@UESPC.COM

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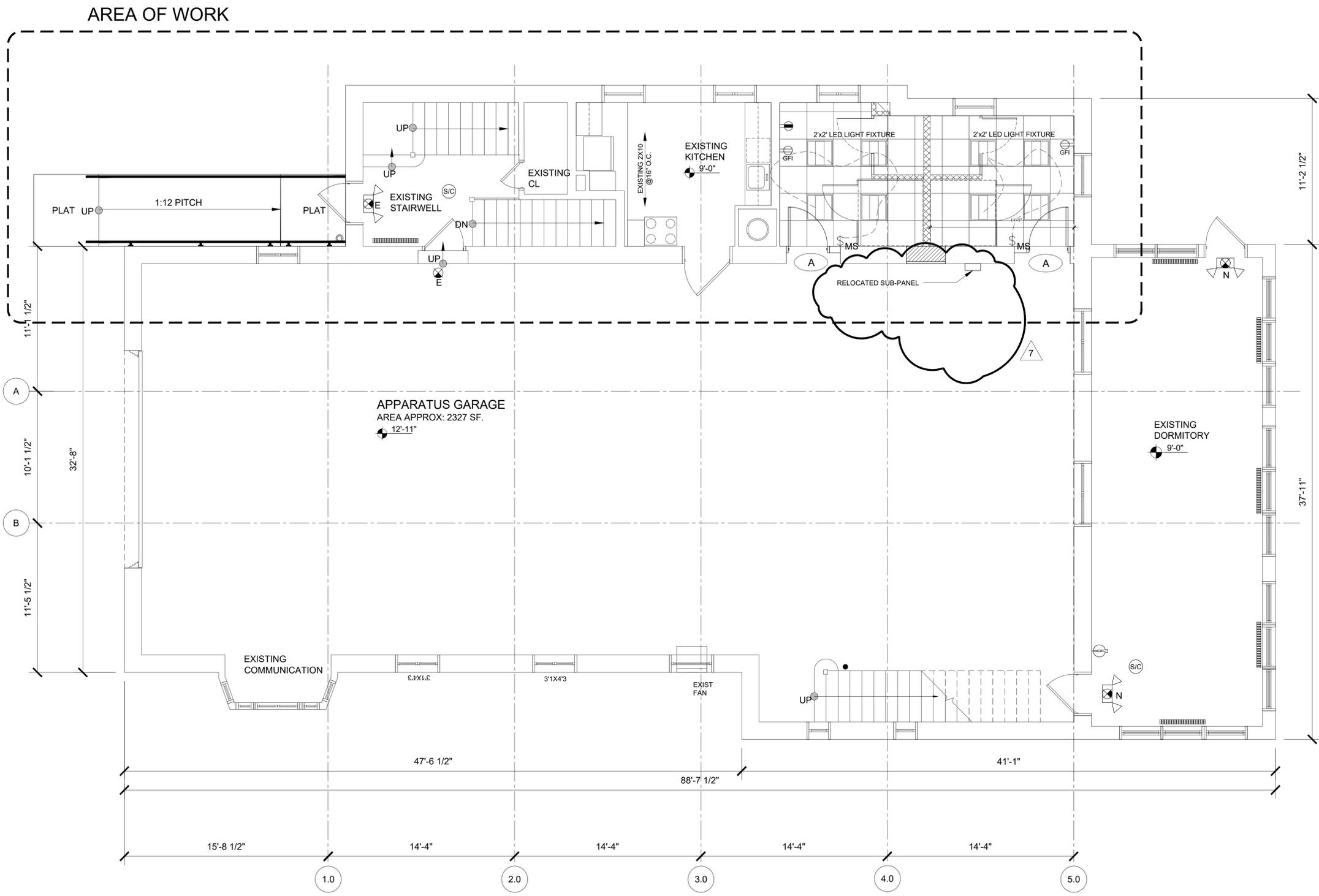
CHESTER HEIGHTS
EASTCHESTER FIRE STATION
EASTCHESTER, N.Y.
SECTION: 80.J
BLOCK: 03
LOT: 19
ZONE: R-20

SHEET TITLE:

FIRST FLOOR LIGHTING AND POWER FLOOR PLAN & DOOR SCHEDULE

PROJECT #: 18-040418
SCALE: AS NOTED
DATE: 07/28/22
DRAWN BY: JOSEPH PATERNO, LEED AP
REVIEWED BY: MICHAEL GIANATASIO, P.E.

SEAL: SHEET NO.: S-502



A PROPOSED FIRST FLOOR LIGHTING & POWER PLAN
SCALE: 1/4"=1'-0"