

# CATTARAUGUS COUNTY STONE HOUSE 2016 IMPROVEMENTS - PART 2

# 9824 ROUTE 16, MACHIAS, NEW YORK 14101

# BID DOCUMENTS

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DPW BID # 61 - GENERAL CONTRACT

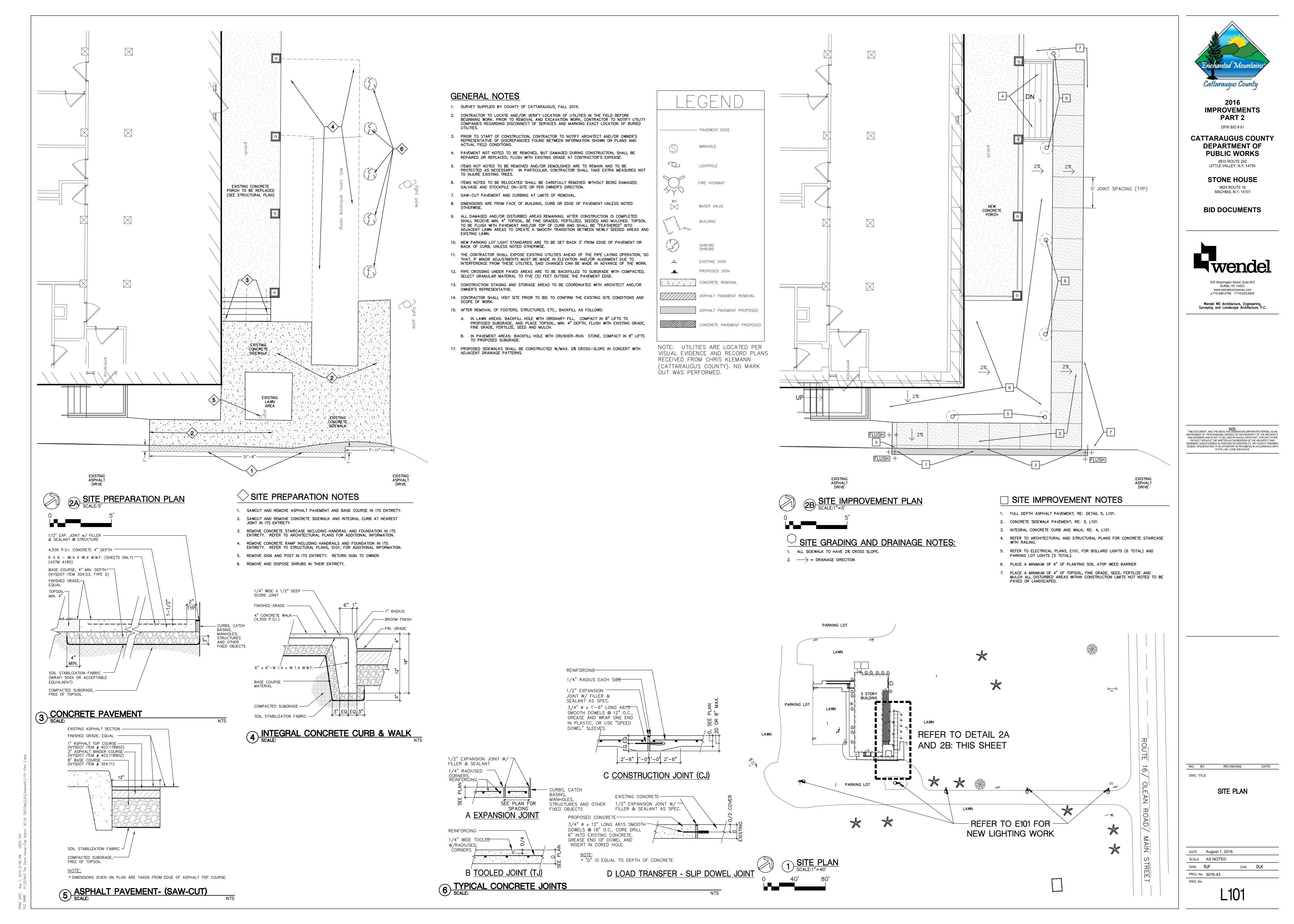
AUGUST 1, 2016

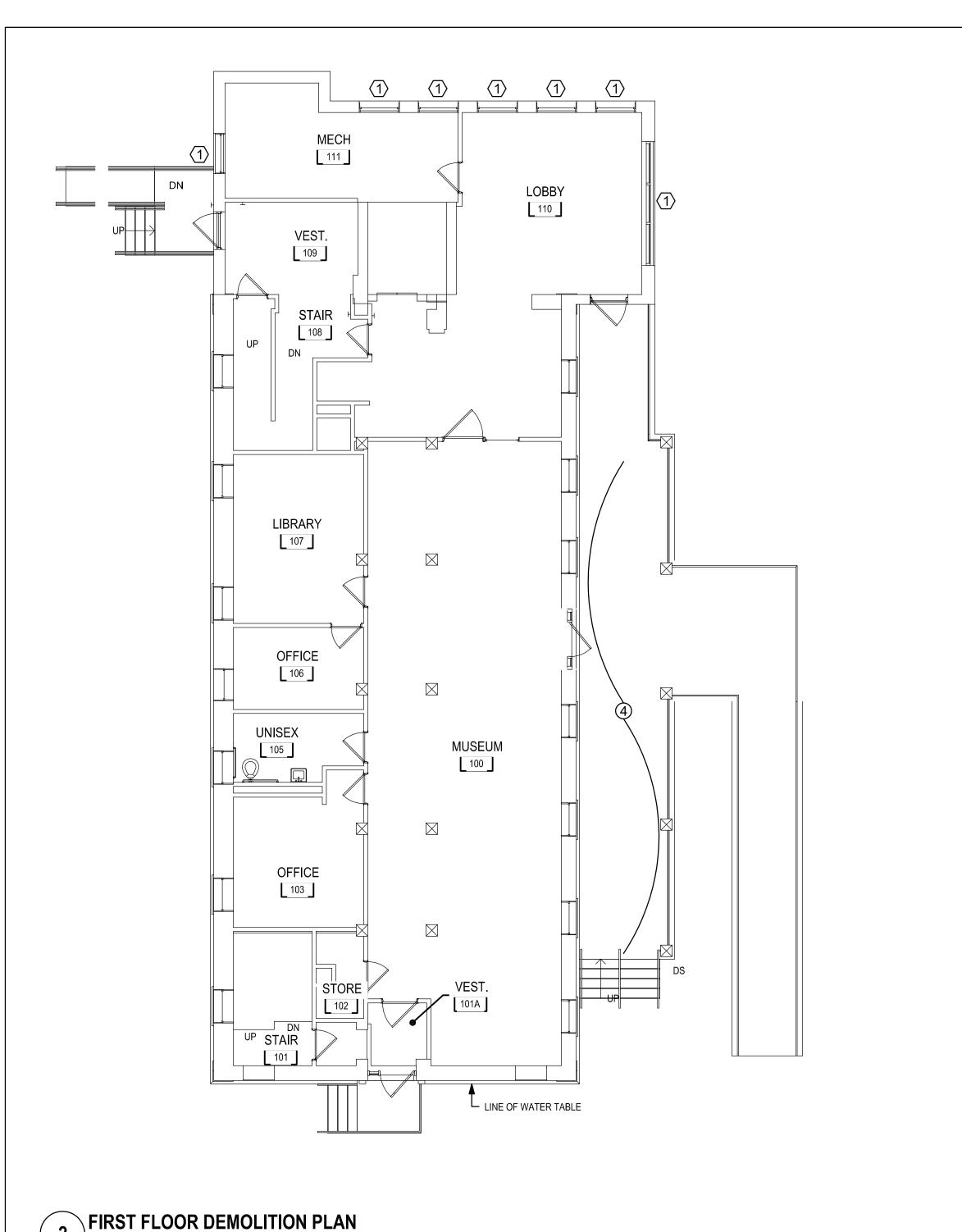


Wendel WD Architecture, Engineering, Surveying and Landscape Architecture P.C.

PROJECT # 3076-43







# GENERAL DRAWING NOTES:

- THE ABATEMENT CONTRACTOR SHALL PERFORM ALL WORK, INCLUDING AREA CONTAINMENT MEASURES AND REMOVAL, IN ACCORDANCE WITH: THE PROJECT SPECIFICATION, ALL FEDERAL, STATE AND LOCAL REGULATIONS, AND ANY APPROPRIATE APPLICABLE VARIANCES AND SITE-SPECIFIC VARIANCES, APPLICABLE REGULATIONS INCLUDE, BUT ARE NOT LIMITED TO: OSHA 29 CFR 1926 SUBPART Z, 40 CFR PART 763 (AHERA), 40 CFR PART 61 SUBPART M (NESHAP STANDARD FOR DEMOLITION AND RENOVATION), AND NEW YORK STATE INDUSTRIAL
- AREAS UNDER ABATEMENT SHALL BE PROPERLY POSTED WITH WARNING SIGNS AND SECURED TO PREVENT UNAUTHORIZED ENTRIES.
- THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT DUMPSTER/WASTE TRAILER AND DECONTAMINATION FACILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE DIRECTOR'S REPRESENTATIVE.
- A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE DIRECTOR'S REPRESENTATIVE FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR PROCESSING. THE STATE SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN ANY SITE SPECIFIC VARIANCE PREPARED BY THE CONTRACTOR OR ITS
- CONTRACTOR SHALL REFER TO THE ENTIRE DRAWING SET FOR

COORDINATION OF NOTES.

- THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR CONTRACTOR REFERENCE. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE REPORT ON-SITE FOR THE DURATION OF THE PROJECT. QUANTITIES REPORTED WITHIN THE REPORT ARE APPROXIMATED. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING
- QUANTITIES FOR BIDDING PURPOSES. ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION PER 12NYCRR56 BEFORE
- GENERAL DEMOLITION WORK MAY COMMENCE. IF DURING PROJECT WORK, A SUSPECT HAZARDOUS MATERIAL IS FOUND THAT WILL BE IMPACTED BY THE SCOPE OF WORK, AND WHICH HAS NOT BEEN TESTED AS DOCUMENTED IN THE PRE-RENOVATION INSPECTION REPORTS, THE CONTRACTOR SHALL CEASE OPERATIONS, AND NOTIFY
- THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE DIRECTOR'S REPRESENTATIVE THE DE-ENERGIZING OF ALL DEVICES, EQUIPMENT, AND FIXTURES TO BE REMOVED PRIOR TO THE COMMENCEMENT OF ABATEMENT ACTIVITIES.

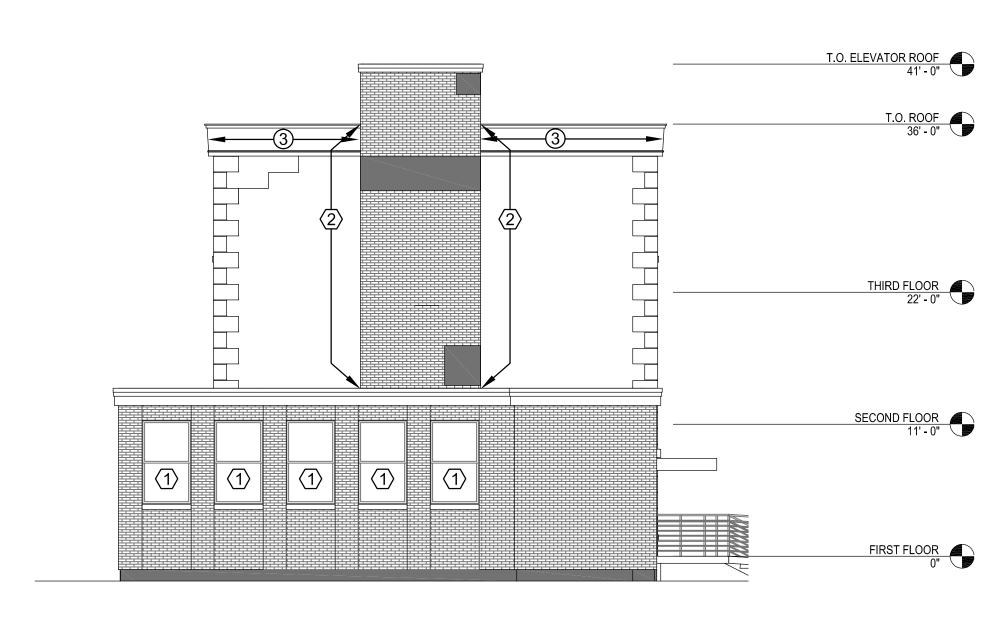
THE DIRECTOR'S REPRESENTATIVE IMMEDIATELY.

# ASBESTOS REMOVAL NOTES:

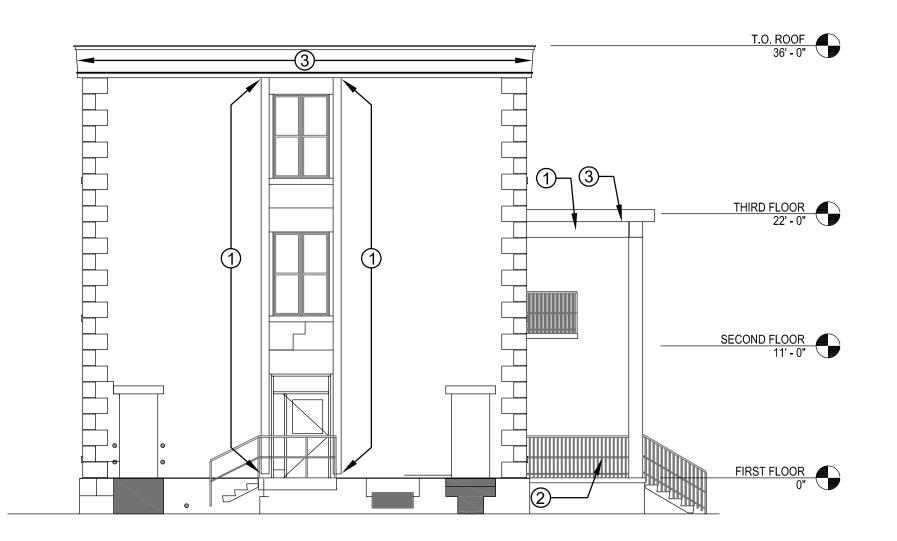
- REMOVE WINDOW FRAME IN ITS ENTIRETY. REMOVE ALL (1) ASBESTOS-CONTAINING CAULK FROM THE REMAINING ROUGH OPENING. PROPERLY DISPOSE OF CAULK AND FRAME. REMOVE AND PROPERLY DISPOSE OF ALL ASBESTOS-CONTAINING CAULK ON THE STONE SILLS AND LINTELS.
- COMPLETELY REMOVE ASBESTOS-CONTAINING CAULK FROM CONTROL JOINT. PROPERLY DISPOSE OF ASBESTOS-CONTAINING

# LEAD HANDLING NOTES:

- PREPARE WOOD PILLAR AND BEAM TRIM TO RECEIVE NEW PAINT. PAINT ON WOOD PILLAR IS LEAD-BASED PAINT.
- (2) LEAD PAINT EXISTS ON THE METAL RAILING TO BE REMOVED.
- PREPARE WOOD FASCIA TO RECEIVE NEW PAINT. PAINT ON WOOD FASCIA IS LEAD-BASED PAINT.
- PREPARE WOOD CEILING OF PORCH TO RECEIVE NEW PAINT. PAINT ON WOOD CEILING IS LEAD-BASED PAINT.

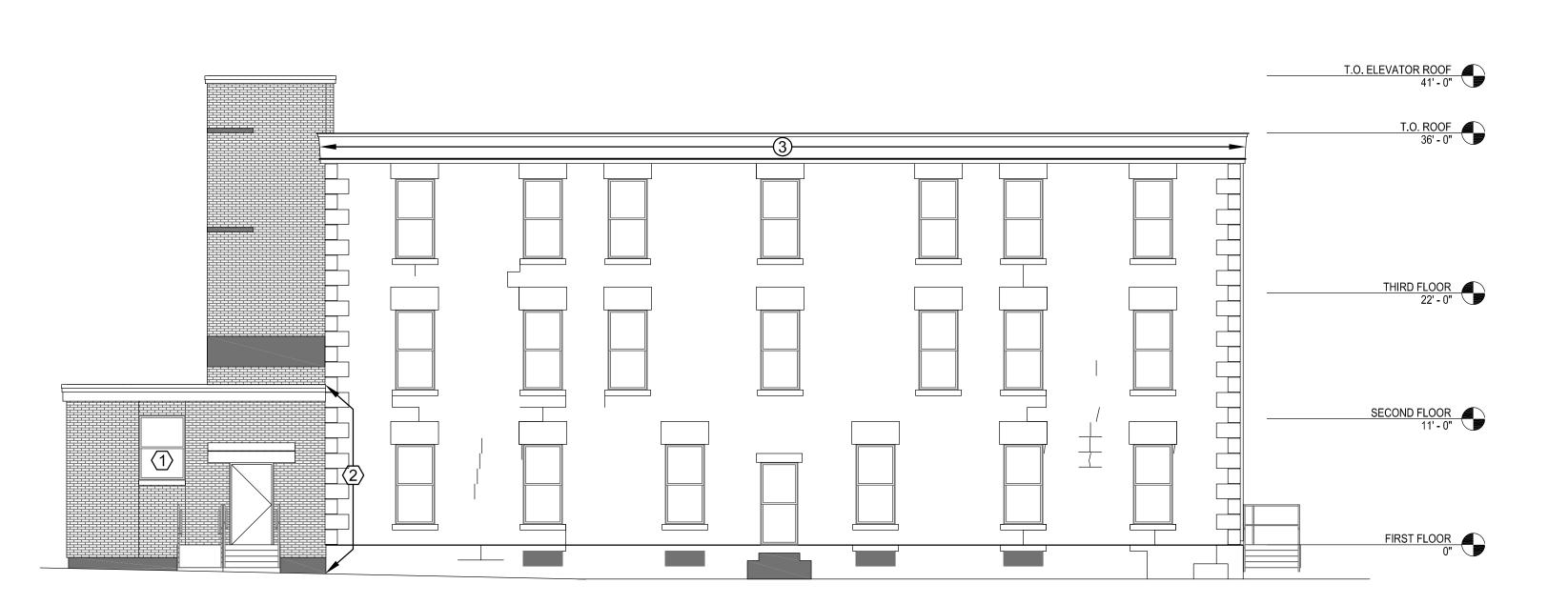






5 SOUTH ELEVATION





NO. BY REVISIONS DATE

**HAZARDOUS MATERIALS** ABATEMENT FLOOR **PLAN AND ELEVATIONS** 

PART 2

DPW BID # 61

**CATTARAUGUS COUNTY** 

**DEPARTMENT OF** 

**PUBLIC WORKS** 

8810 ROUTE 242

LITTLE VALLEY, N.Y. 14755

STONE HOUSE

9824 ROUTE 16

MACHIAS, N.Y. 14101

**BID DOCUMENTS** 

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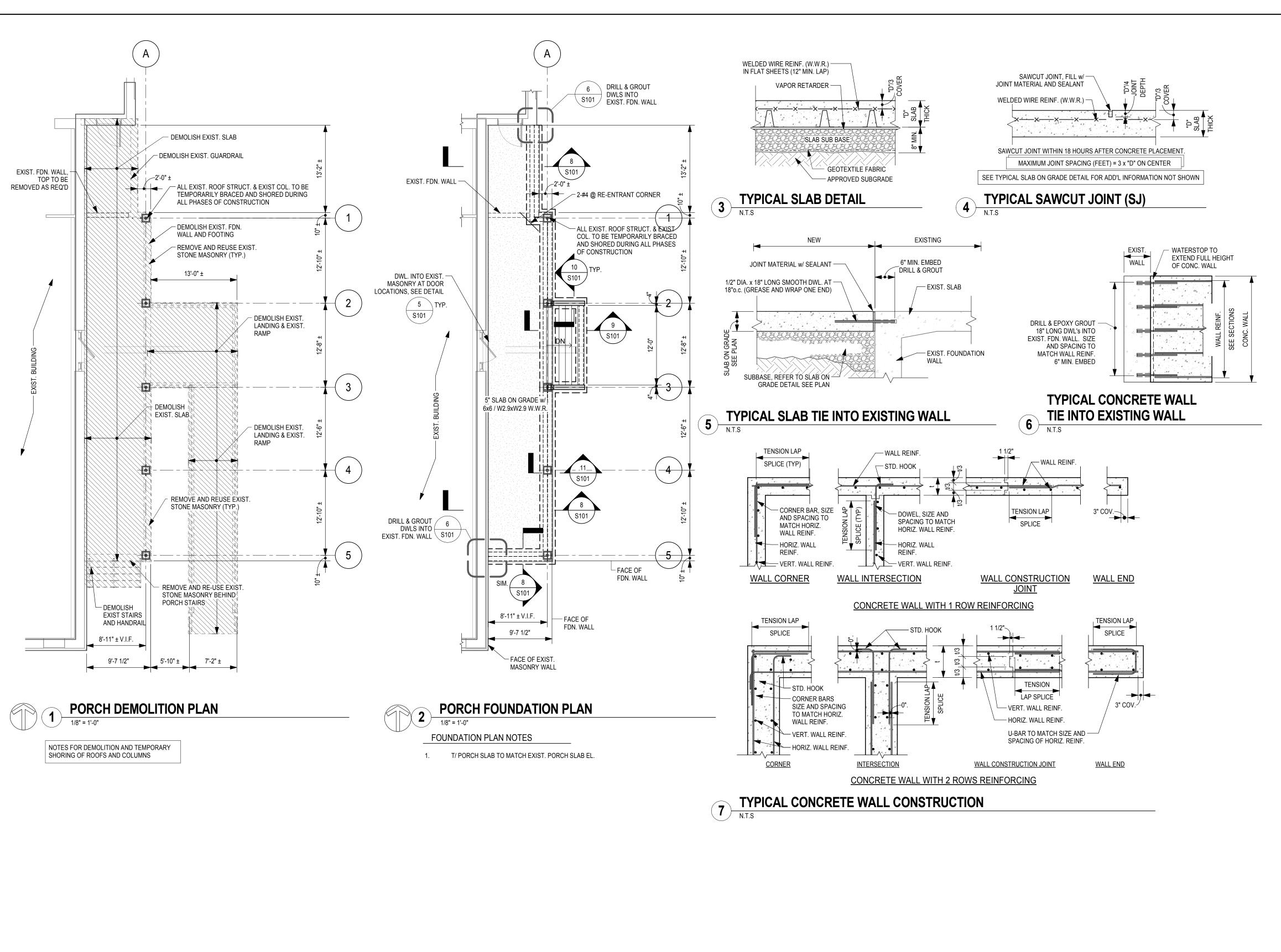
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DATE August 1, 2016 SCALE AS NOTED

> снк. ER PROJ No. 3076-43

> > **HM101**





# **GENERAL NOTES**

- G1 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO PREPARATION OF
- SHOP DRAWINGS.
- G2 ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE BUILDING CODE OF NEW YORK STATE, THE AISC CODE, THE ACI BUILDING CODE (ACI 318), THE AMERICAN WELDING SOCIETY CODE (AWS) AND ALL OTHER APPLICABLE STANDARDS. IN CASES OF CONFLICT, THE MOST STRINGENT SHALL GOVERN.
- G3 FOR ALL CONSTRUCTION MATERIALS AND METHODS, THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY BRACING, BRIDGING, OR SHORING AS REQUIRED FOR SAFETY, STABILITY, AND ALIGNMENT OF THE STRUCTURE. BRACING AND SHORING SHALL BE KEPT IN PLACE UNTIL PERMANENT
- STRUCTURAL SUPPORT IS FULLY EFFECTIVE. G4 REFER TO PROJECT SPECIFICATIONS FOR TESTING, INSPECTION, AND OTHER REQUIREMENTS.
- G5 A SPECIAL INSPECTION PROGRAM HAS BEEN DEVELOPED IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS. REFER TO PROJECT SPECIFICATIONS FOR SPECIAL INSPECTION REQUIREMENTS

## **FOUNDATION NOTES**

- F1 THE FOUNDATIONS HAVE BEEN DESIGNED TO THE REQUIREMENTS SET FORTH IN THE
- F2 EXTERIOR CONSTRUCTION SHALL BE CARRIED DOWN NOT LESS THAN 4 FEET BELOW
- FINISHED EXTERIOR GRADE.
- F3 ALL FOUNDATIONS SHALL BEAR ON SUBGRADE MATERIAL HAVING A MINIMUM NET ALLOWABLE BEARING CAPACITY OF \*\*\* POUNDS PER SQUARE FOOT. COMPACT FOUNDATION SUBGRADES TO A MINIMUM OF 98% MODIFIED PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.
- F4 BACKFILL NO EXTERIOR WALLS UNTIL PERMANENT LATERAL STRUCTURAL SUPPORT SYSTEM IS FULLY EFFECTIVE.
- F5 THE SUB-BASE FOR THE SLABS ON GRADE IS TO CONSIST OF CRUSHER RUN STONE, PLACED AND COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.

# **CONCRETE MASONRY**

- CM1 ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" (ACI-530) AND SPECIFICATIONS (ACI 530.1).
- CM2 THE MASONRY SYSTEM HAS BEEN DESIGNED FOR A MINIMUM 28-DAY COMPRESSIVE STRENGTH (F'm) OF 1500 PSI.
- CM3 CONCRETE MASONRY MATERIALS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
  - HOLLOW CONCRETE MASONRY UNITS CONFORMING TO ASTM C90, TYPE I, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI.
  - TYPE S MORTAR FOR REINFORCED MASONRY, IN ACCORDANCE WITH ASTM C270, WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 1800 PSI. GROUT FOR REINFORCED MASONRY, IN ACCORDANCE WITH ASTM C476, WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. GROUT SOLID ALL BOND BEAMS AND
- CORES WITH VERTICAL REINFORCING. CM4 PROVIDE REINFORCING BARS CONFORMING TO ASTM A615, GRADE 60. PROVIDE
- CONTINUOUS 9-GAGE HORIZONTAL JOINT REINFORCING AT 16 INCHES VERTICAL SPACING. CM5 BRACE THE TOPS OF ALL WALLS TO THE STRUCTURE FOR LATERAL STABILITY.

# **MATERIAL LEGEND**

INDICATES 95% COMPACTED FREE DRAINING SUB-BASE (STRUCTURAL FILL)

INDICATES NATIVE SOIL

INDICATES APPROXIMATE FINAL GRADE, SEE SITE DRAWINGS

INDICATES PROPOSED CONCRETE

# **CONCRETE COVER REQUIREMENTS**

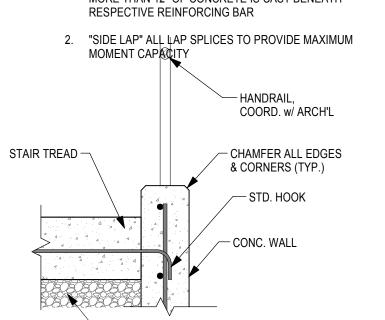
	· · · · · · · · · · · · · · · · · · ·
LOCATION	MIN. CONCRETE COVER
CONCRETE CAST AGAINST SOIL	3"
OTHER CONCRETE BELOW GROUND	2"
EXTERIOR EXPOSED CONCRETE	2"
CONCRETE PITS	2"
INTERIOR CONCRETE SURFACES	1"

# REINFORCING BAR SPLICE LENGTHS

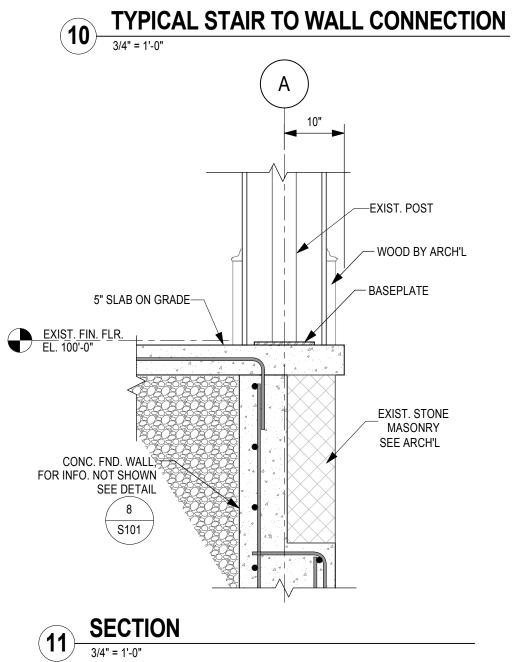
	30	NCRETE			
	TENSION				
BAR SIZE	DEV. LENGTH (IN)	CLASS B SPLICE LENGTH	TOP BAR DEV. LENGTH (IN)	TOP BAR SPLICE LENGTH (IN)	
3	14	18	18	24	
4	19	24	24	32	
5	23	30	30	39	
6	28	36	36	47	

NOTES

1. REINFORCING BARS ARE CLASSIFIED AS TOP BARS WHEN MORE THAN 12" OF CONCRETE IS CAST BENEATH RESPECTIVE REINFORCING BAR



-95% COMPACTED SUB-BASE



# SECTION 033000 - CAST-IN-PLACE CONCRETE

- WORKMANSHIP AND MATERIAL SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI-315), AND BUILDING CODE REQUIREMENTS FOR
- REINFORCED CONCRETE (ACI-318)
- ALL CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES: 4000 PSI MINIMUM STRENGTH AT 28 DAYS
- 0.04 MAXIMUM WATER CEMENT RATIO
  - ASTM C33, SIZE #57 COARSE AGGREGATE 6% AIR CONTENT (1.5%±)
- CONCRETE SHALL HAVE THE FOLLOWING DRODEDTIES:

CONCRETE SHALL HAVE THE	FOLLOWING I	PROPERTI	ES:		
PORTION OF STRUCTURE	28-DAY MINIMUM STRENGTH (PSI)	SLUMP (1"±)	MAX WATER/CEMENT RATIO	MAX. COARSE AGGREGATE SIZE (ASTM C33)	AIR CONTENT (1.5%±)
DRILLED PIERS (DRY HOLE)	3000	5"	0.50	#47	N/A
DRILLED PIERS (TREMIE)	4000	8"	0.40	#7	N/A
FOOTINGS, PIERS AND GRADE BEAMS	3000	3"	0.50	#57	6%
REINFORCED WALLS	4000	4"	0.45	#57	6%
INTERIOR SLAB ON GRADE	3500	4"	0.50	#467	2%
INTERIOR SLAB ON METAL DECK (120 PCF LIGHT WEIGHT)	3500	3"	0.50	#57	6%
INTERIOR SLAB ON METAL DECK (145 PCF NORMAL WEIGHT)	3500	3"	0.50	#57	2
PARKING AREAS, PAVEMENT, CURBS AND	4500	4"	0.40	#57	6%

- CONCRETE MATERIALS SHALL HAVE THE FOLLOWING PROPERTIES:
- PORTLAND CEMENT: ASTM C150, TYPE I OR II. FLY ASH: ASTM C618, TYPE C OR F (20% MAXIMUM).
- NORMAL WEIGHT AGGREGATES: ASTM C33. LIGHTWEIGHT AGGREGATES: ASTM C330. AIR- ENTRAINING ADMIXTURE: ASTM C260.

SIDEWALKS

- WATER- REDUCING ADMIXTURE: ASTM C494. HIGH-RANGE WATER-REDUCING ADMIXTURE (SUPERPLATICIZER): ASTM C494, TYPE F OR TYPE G. WATER: CLEAN AND DRINKABLE.
- ADMIXTURES: PROVIDE ADMIXTURES FROM ONE MANUFACTURER THAT CONTAIN NOT MORE THAN 0.1 PERCENT CHLORIDE IONS.
- BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. BAR SUPPORTS SHALL BE GALVANIZED OR STAINLESS STEEL. BAR
- SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE GALVANIZED AND PLASTIC TIPPED. RELATED MATERIALS: LIQUID-TYPE MEMBRANE-FORMING CURING COMPOUND: COMPLYING WITH ASTM C309, TYPE I.
- CLASS B. PROVIDE "KUREZ DR VOX" BY EUCLID CHEMICAL CO. OR APPROVED EQUIVALENT. CONCRETE REPAIR MORTAR: FREE FLOWING, POLYMER MODIFIED CEMENTITOUS COATING. PROVIDE "SIKATOP 122 PLUS" BY THE SIKA CORP. OR APPROVED EQUIVALENT.

BONDING AGENT: ACRYLIC BASE OR STYRENE BUTADIENE. PROVIDE "SIKALATEX" BY THE

- SIKA CORP. OR APPROVED EQUIVALENT. 8. SUBMIT CONCRETE MIX DESIGNS WITH BACK UP DATA, FOR REVIEW AND APPROVAL, PRIOR TO
- SUBMIT SHOP DRAWINGS, FOR REVIEW AND APPROVAL, PRIOR TO FABRICATION OF REINFORCING. DRAWINGS SHALL SHOW REINFORCING DETAILS, INCLUDING GRADE, SIZE, AND SPACING OF BARS. SHOP DRAWINGS SHALL INDICATE CONSTRUCTION JOINTS, CURBS, DEPRESSIONS, SLEEVES, AND

OPENINGS, ETC. WITH ALL ADDITIONAL REINFORCING REQUIRED.

- 10. PROVIDE CONSTRUCTION JOINTS WHERE SHOWN. OMIT NONE AND ADD NONE WITHOUT WRITTEN APPROVAL. SUBMIT SHOP DRAWINGS SHOWING ALL PROPOSED CONSTRUCTION JOINT LOCATIONS FOR APPROVAL PRIOR TO PREPARATION OF AFFECTED REINFORCEMENT SHOP DRAWINGS. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 11. SIZES OF CONCRETE PLACEMENTS SHALL NOT EXCEED THE FOLLOWING: WALLS AND GRADE BEAMS: PLACE IN MAXIMUM 60-FOOT STRAIGHT LENGTH SECTIONS. SLABS ON GRADE: PLACE IN A LINEAR PATTERN BETWEEN CONSTRUCTION JOINTS. ALLOW A MINIMUM OF 24 HOURS BETWEEN ADJACENT POURS. SAWCUT SLABS TO A MINIMUM OF ONE-QUARTER OF THE SLAB DEPTH, IN THE PATTERN SHOWN ON THE PLANS OR IF NOT SHOWN, IN SPACINGS NOT TO EXCEED 15 FEET IN EACH DIRECTION. START SAWCUTTING AS SOON AS THE SAW WILL NOT RAVEL THE EDGES OR DISLODGE AGGREGATE. ALL SAWCUTTING IS TO BE COMPLETED WITHIN 18 HOURS OF THE SLAB PLACEMENT.
- 12. ALL CONCRETE SLABS SHALL BE CAST SO THAT THE SLAB THICKNESS IS AT NO POINT LESS THAN THAT INDICATED ON THE DRAWINGS. THIS WILL REQUIRE THAT SLAB THICKNESS BE ADJUSTED WHERE BEAMS, GIRDERS OR TRUSSES HAVE AN UPWARD CAMBER.
- 13. ON STEEL FRAMED FLOORS, PROVIDE ADDITIONAL CONCRETE AS NECESSARY TO FINISH THE FLOORS TO WITHIN SPECIFIED TOLERANCES WHILE ACCOUNTING FOR METAL DECK AND STEEL BEAM DEFLECTIONS. ALLOW AN AVERAGE OF AT LEAST 1/2 INCH OF CONCRETE FOR EACH FLOOR.
- 14. APPLY A NON- SLIP BROOM FINISH, PERPENDICULAR TO PEDESTRIAN TRAFFIC, FOR ALL CONCRETE PAVEMENTS, EXTERIOR SLABS, RAMPS, STEPS AND PLATFORMS.
- 15. PROVIDE A LINSEED OIL TREATMENT FOR ALL EXTERIOR CONCRETE.
- 16. INTERIOR CONCRETE SLAB FINISH SCHEDULE:

20. QUALITY CONTROL TESTING DURING CONSTRUCTION.

	INTERIOR GONORETE GEABT INION GONES GEE.					
FLOOR FINISH	CONCRETE FINISH	FLOOR FLATNESS (Ff)	FLOOR LEVELNESS (FI)			
TILE OR TERRAZZO	SCRATCH	15	13			
EXPOSED CONCRETE, RESILIENT FLOORING, CARPET, CERAMIC, OR QUARRY TILE	STEEL TROWEL	25	20			
THIN SET CERAMIC OR QUARRY TILE	STEEL TROWEL WITH FINE BROOM FINISH	30	25			

- 17. ISOLATION JOINT MATERIAL SHALL BE CLOSED CELL JOINT FILLER (ASTM D1752) AND JOINT SEALANT SHALL BE "THC- 900" BY TREMCO OR APPROVED EQUIVALENT.
- 18. REFER TO ACI 305 FOR HOT WEATHER CONCRETE REQUIREMENTS AND ACI 306 FOR COLD WEATHER
- 19. REINFORCING SHALL BE INSPECTED AND APPROVED BY THE TESTING AGENCY BEFORE CONCRETE
- SAMPLING FRESH CONCRETE: ASTM C172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH SLUMP: ASTM C143; ONE TEST AT POINT OF DISCHARGE FOR EACH SET OF COMPRESSIVE TEST SPECIMENS AND WHENEVER CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED. TEST PUMPED CONCRETE AT THE HOPPER AND AT THE DISCHARGE POINT, TO DETERMINE A CHANGE IN THE
- AIR CONTENT: ASTM C173 OR ASTM C231; ONE TEST FOR EACH SET OF COMPRESSIVE TEST SPECIMENS. CONCRETE TEMPERATURE: ASTM C1064, TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG. F
- AND BELOW, WHEN 80 DEG. F AND ABOVE, AND ONE TEST FOR EACH SET OF COMPRESSIVE TEST COMPRESSIVE TEST SPECIMEN: ASTM C31; ONE SET OF 4 STANDARD CYLINDERS FOR EACH
- COMPRESSIVE STRENGTH TEST. MOLD AND STORE CYLINDERS FOR LABORATORY- CURED TEST
- COMPRESSIVE STRENGTH TESTS: ASTM C39; ONE SET FOR EACH DAY'S PLACEMENT EXCEEDING 5 CU. YDS. PLUS ADDITIONAL SETS FOR EACH 50 CU. YDS. OF EACH CONCRETE CLASS PLACED IN ANY ONE DAY: ONE SPECIMEN TESTED AT 7 DAYS. TWO SPECIMENS TESTED AT 28 DAYS. AND
- ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED. G. CONCRETE FLATNESS AND LEVELNESS SHALL BE TESTED WITHIN 72 HOURS OF PLACEMENT IN ACCORDANCE WITH ASTM E1155.

**SECTIONS & DETAILS** 

DWG. TITLE

NO. BY REVISIONS DATE

PORCH PLANS,

Cattaraugus County

**IMPROVEMENTS** 

PART 2

DPW BID #61

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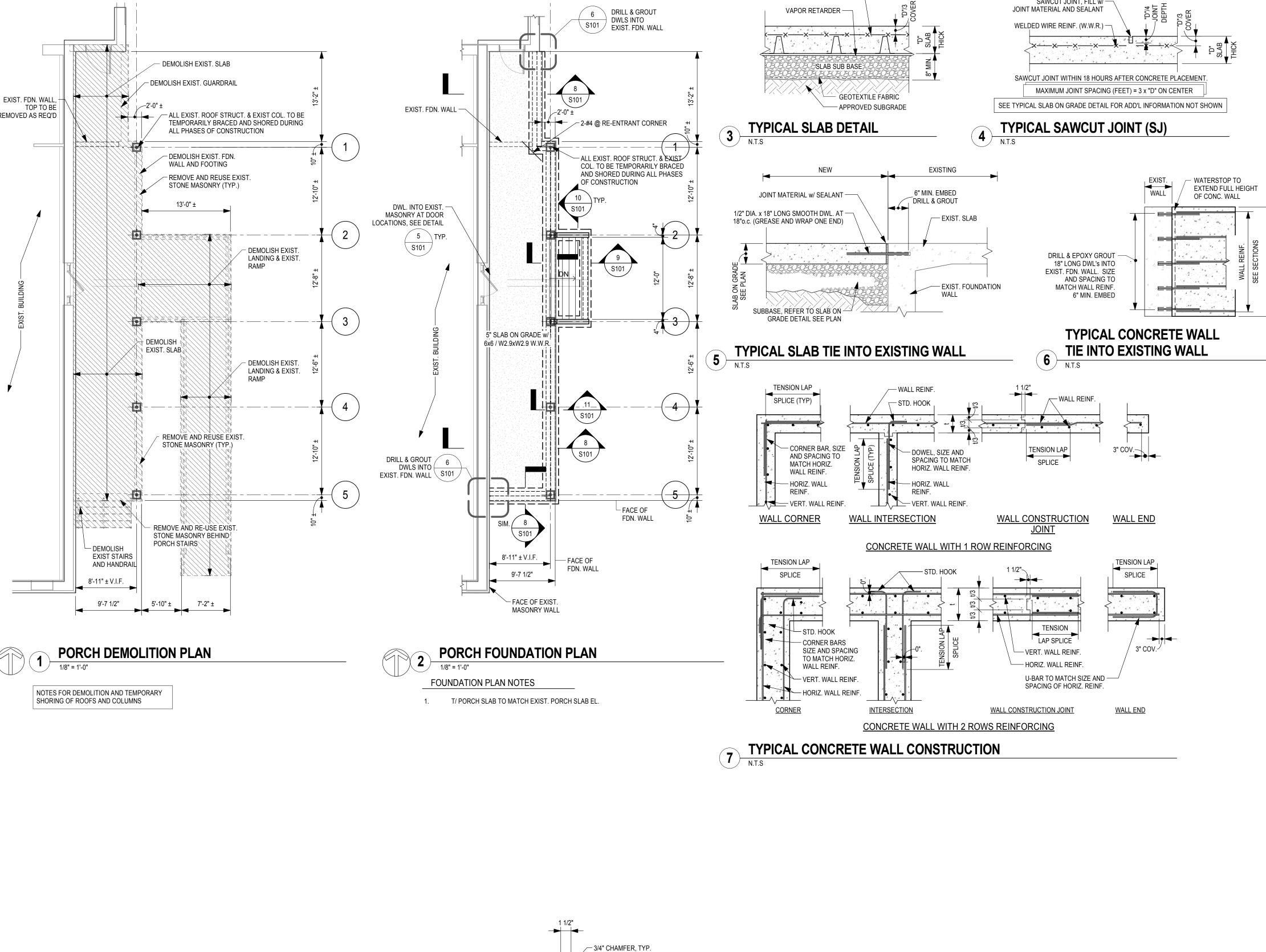
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DATE August 1, 2016 SCALE As indicated снк. СМА PROJ. No. 3076-43

DWG. No.

**S101** 

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY



8A DETAIL

— APPROX. GRADE

MASONRY

SEE ARCH'L

-#4 BENT DWL. @ 12o.c.

#4 @ 12o.c. (HORIZ.)

5" SLAB ON GRADE-

💃 #4 BENT DWL. @ 12o.c. 🏖

CONC. WALL 

9 TYPICAL CONCRETE STAIR ON GRADE

3/4" = 1'-0"

95% COMPACTED SUB-BASE

5T@12" = 5'-0"

COORD. w/ ARCH'L

-#4 NOSING BAR

់ 95% COMPACTED SUB-BASE 🗟

1'-4" 6

2'-4"

STAIR

NOSING STAIR

🤾 #4 BENT DWL. @ 12o.c.🎘

COORD. NOSING w/

— ALT. HOOK DIRECTION

1'-8"

— SIDEWALK

ARCH'L DWG's

HANDRAIL NOT SHOWN

SEE PLAN

⊋ #4@12o.c. (BENT DWL.)-

95% COMPACTED SUB-BASE

STD. HOOK -

1'-4"

2'-4"

— FACE OF EXIST. STONE

EXIST. STONE MASONRY

\_5" SLAB ON GRADE

SEE DETAIL

NATIVE SOIL

MASONRY LEDGE

EXIST. FIN. FLR.

**SECTION** 

3/4" = 1'-0"

# SPECIFICATIONS:

- 024119 SELECTIVE DEMOLITION:
- DEMOLISH AND REMOVE SELECTED PORTIONS OF BUILDING AS INDICATED AND PROVIDE REPAIR PROCEDURES REQUIRED AS A RESULT. CONFORM TO REQUIREMENTS IN "CUTTING AND PATCHING" SECTION.
- B. DEFINITIONS: 1. REMOVE: DETACH FROM EXISTING CONSTRUCTION AND LEGALLY 2. REMOVE AND SALVAGE: DETACH FROM EXISTING AND DELIVER TO OWNER READY FOR REUSE.
- CLEAN AND PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED. PREDEMOLITION PHOTOGRAPHS OR VIDEOTAPE: RECORD EXISTING CONDITIONS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY SELECTIVE DEMOLITION AND SUBMIT TO ARCHITECT BEFORE WORK BEGINS.

3. REMOVE AND REINSTALL: DETACH FROM EXISTING CONSTRUCTION.

- HAZARDOUS MATERIALS: IF MATERIALS ENCOUNTERED ARE SUSPECTED OF BEING HAZARDOUS, NOTIFY OWNER AND ARCHITECT IMMEDIATELY.
- UTILITY SERVICES: MAINTAIN SERVICES INDICATED TO REMAIN AND PROTECT THEM FROM DAMAGE. OTHERWISE, LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF UTILITIES SERVING AREAS TO BE SELECTIVELY DEMOLISHED. ARRANGE TO SHUT OFF UTILITIES, IF REQUIRED. WITH THE OWNER AT LEAST 48 HOURS IN ADVANCE, AND WITH UTILITY COMPANIES AS REQUIRED. PROVIDE TEMPORARY BYPASS SERVICES AS REQUIRED TO MAINTAIN CONTINUITY OF SERVICES.
- DISPOSE OF DEMOLISHED MATERIALS LEGALLY OFF-SITE. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. PROCEED WITH SELECTIVE DEMOLITION SYSTEMATICALLY, LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION TO REMAIN.

## <u>040110 - STONE CLEANING:</u>

- MANUFACTURERS/ PRODUCTS: BASIS OF DESIGN - SURE KLEAN BY PROSOCO OR APPROVED EQUAL.
- MATERIALS AND FABRICATION: PROVIDE 766 LIMESTONE AND MASONRY PREWASH TO ALL STONE AREAS THEN LIMESTONE AND MASONRY AFTERWASH.
- INSTALLATION: COMPLETE A 10 SQ FT TEST AREA TO DETERMINE BENCHMARK FOR STONE. INSTALL PREWASH AND AFTERWASH PER MANUFACTURERS WRITTEN INSTRUCTIONS TO ALL EXISTING STONE AREAS. PROTECT ALL ADJACENT NON MASONRY SURFACES FROM THE PRODUCT. RINSE STONE THOROUGHLY TO REMOVE ALL RESIDUE CLEANER.
- D. SUBMITTALS: PRODUCT DATA

# <u>040120 - REPOINTING:</u>

- QUALITY ASSURANCE: 1. STONE REPOINTING SPECIALIST QUALIFICATION: ENGAGE AN EXPERIENCED STONE REPOINTIG FIRM OF MIN 10 YEARS TO PERFORM WORK. FIRM SHALL HAVE COMPLETED WORK OF A SIMILAR SCOPE AND HAVE A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE. FIRM TO MAINTAIN AN EXPERIENCED FULL-TIME SUPERVISOR ON THE PROJECT SITE DURING TIMES OF REPOINTING. 2. TEST EXISTING MORTAR ACCORDING TO ASTM C 295/C 295M TO DETERMINE PROPORTIONAL COMPOSITION OF ORIGINAL INGREDIENTS, SIZE AND COLOR OF AGGREGATES AND APPROXIMATE STRENGTH.
- B. MATERIALS AND FABRICATION:
  - 1. PORTLAND CEMENT: ASTM C 150, TYPE I OR II 2. HYDRATED LIME: ASTM C 207, TYPE S. 3. MORTAR SAND: ASTM C 144, WITH ROUND EDGES, COLOR TO PRODUCE 4. MORTAR PIGMENTS: ASTM C 979/C 979M,COMPOUNDED FOR MORTAR
  - : WATER: POTARI F 6. MORTAR MIX: PORTLAND CEMENT-LIME MORTAR, ASTM C 270, TYPE N. 7. MORTAR COLOR: TO MATCH EXISTING MORTAR OR SELECTED BY OWNER. 8. CLEANING SOLUTION: TO REMOVE EXCESSIVE MORTAR.
- INSTALLATION:
- 1. MOCK-UP AREA: REPOINT APPROX 10 LINER FT OF MORTAR IN CLEANED STONE AREA TO CONFIRM COLOR. TO BE APPROVED BY ARCHITECT BEFORE PROCEEDING WITH MAIN AREAS 2. RAKE OUT JOINTS TO THE FOLLOWING EXTENT: a) ALL JOINTS IN AREAS INDICATED ON DRAWINGS.
  - b) LOCATIONS WITH FOLLOWING DEFECTS: MISSING MORTAR: HOLLOW SOUNDING JOINTS WHEN TAPPED; ERODED SURFACES; JOINTS FILLED WITH SUBSTANCES OTHER THAN MORTAR; CRACKS 1/16" OR MORE IN WIDTH AND OF ANY DEPTH. 3. RAKE OUT JOINTS AS FOLLOWS: a) REMOVE MORTAR FROM JOINTS TO DEPTH OF JOINT WIDTH PLUS
  - 1/8" BUT NOT LESS THAN 1/2" OR NOT LESS THAN THAT REQUIRED TO EXPOSE SOUND. UNWEATHERED MORTAR. b) REMOVE MORTAR FROM STONE AND BRICK SURFACES WITHIN RAKED-OUT JOINTS TO PROVIDE REVEALS WITH SQUARE BACKS AND TO EXPOSE STONE AND MASONRY FOR CONTACT WITH POINTING MORTAR. BRUSH, VACUUM OR FLUSH JOINTS TO REMOVE
  - DIRT AND LOOSE DEBRIS. c) DO NOT SPALL EDGES OR WIDEN JOINTS. 4. POINTING WITH MORTAR:
  - a) RINSE JOINT SURFACES WITH WATER TO REMOVE DUST AND MORTAR PARTICLES b) APPLY POINTING MORTAR FIRST TO AREAS WITH DEPTHS GREATER THAN SURROUNDING AREAS. APPLY IN LAYERS NOT GREATER THAN 3/8".
  - c) TOOL JOINTS TO MATCH ORIGINAL APPEARANCE OF JOINTS. d) CURE MORTAR FOR AT LEAST 72 HOURS. HAIRLINE CRACKS WITHIN MORTAR IS UNACCEPTABLE. COMPLETELY REMOVE AND 5. CLEAN SURFACES OF ANY MORTAR DEBRIS.

- 1. QUALITY ASSURANCE: SPECIALIST QUALIFICATION AND MORTAR TEST 3. SAMPLES FOR INITIAL SELECTION: SET OF MORTAR STRIPS 6" LONG BY 1/2"

WIDE, TO VERIFY COLOR AND TEXTURE OF MORTAR.

### <u>048600 - STONE VENEER REPLACEMENT:</u> . MATERIALS, PRODUCTS AND FABRICATION

- 1. STONE: EXISTING STONE PANELS. 2. MORTAR: PORTLAND CEMENT-LIME MORTAR, ASTM C270 TYPE S FOR SETTING STONE AND TYPE N FOR POINTING STONE JOINTS. COLOR AS SELECTED BY ARCHITECT. INCORPORATE LIQUID POLYMERIC WATER REPPELLENT INTO MORTAR MIX, GRACE "DRY BLOCK" OR
- APPROVED FOUIVALENT. 3. VENEER ANCHORS: HOT DIP GALVANIZED STEEL CORRUGATED FOR CONCRETE BACKUP.
- INSTALLATION: ARRANGE AND SET STONES IN PATTERN MATCHING ORIGINAL LAYOUT. MAINTAIN UNIFORM JOINT WIDTHS EXCEPT FOR VARIATIONS DUE TO STONE SIZES AND SHAPES, BUT NOT LESS THAN 1/4" AND NO MORE THAN 5/8". 1. INSTALL CONTROL JOINTS WHERE INDICATED, COMPLYING WITH 07920 JOINTS, SEALANTS. 2. INSTALL STONE LEVEL, PLUMB AND ALONG BUILDING LINE AS MUCH AS POSSIBLE, WITHOUT OBVIOUS VISUAL MISALIGNMENT. 3. INSTALL VENEER ANCHORS AT 24 INCHES O.C. HORIZONTALLY. 4. RAKE OUT MORTAR JOINTS FOR POINTING AND POINT JOINTS IN LAYERS

NOT MORE THAN 3/8" AND COMPACT EACH LAYER. TOOL JOINTS CONCAVE

5. CLEAN STONE OF MORTAR PARTICLES WITH NON-METALLIC TOOLS. CLEAN ANY STAINS WITH CLEANERS EXPRESSLY MANUFACTURED FOR

TYPES OF STONE AND STAINS. C. SUBMITTALS: PRODUCT DATA.

TO MATCH EXISTING.

# <u>057300 - DECORATIVE METAL RAILING:</u>

- A. MATERIALS AND FABRICATION: 1. STEEL PLATES, SHAPES AND BARS: ASTM A36 2. STEEL PIPE: ASTM A53 STANDARD WEIGHT (SCH 40) UNLESS OTHERWISE 3. PROVIDE PIPE SLEEVES TO SET INTO CONCRETE.
- B. INSTALLATION: LEVEL, PLUMB AND SECURE RAILING. CLEAN AND TOUCH-UP ABRADED AND UNPRIMED AREAS WITH SAME MATERIAL USED FOR SHOP PRIMING. PAINT RAILING.
- C. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS.

# 061050 - MISCELLANEOUS CARPENTRY:

- MATERIALS AND FABRICATION: 1. WOOD BLOCKING AND NAILERS: DOC PS 20, STANDARD, STUD OR NO. 3 GRADE, S45, 19% MAXIMUM MOISTURE CONTENT 2. PRESERVATIVE TREATMENT BY PRESSURE PROCESS: AWPA C2. WITH CHEMICALS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. TREAT WOOD BLOCKING AND NAILERS USED IN CONJUNCTION WITH ROOFING, FLASHING, WATERPROOFING, EXTERIOR CONSTRUCTION, OR IN CONTACT WITH CONCRETE FLOOR SLABS AND FOUNDATIONS. 3. FIRE RETARDANT TREATMENT: AWPA C20, WITH NON-CORRODING CHEMICALS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. TREAT WOOD BLOCKING AND NAILERS USED IN INTERIOR CONSTRUCTION FOR MEMBERS 2X4 AND LARGER.
- SECURE ATTACHMENT, HOT-DIP GALVANIZED WHEN USED IN CONSTRUCTION WITH ROOFING OR EXTERIOR CONSTRUCTION. B. INSTALLATION: PLUMB. TRUE TO LINE. CUT. FITTED. AND SECURELY ATTACHED. APPLY FIELD TREATMENT TO CUT SURFACES OF PRESERVATIVE TREATED LUMBER TO COMPLY

WITH AWPA M4. RECESS BOLTS AND NUTS FLUSH WITH SURFACES UNLESS OTHERWISE

4. FASTENERS: TO SUIT CONSTRUCTION INVOLVED, AND PROVIDING

C. SUBMITTALS: NONE REQUIRED

INDICATED.

D. SEALANT FAILURE.

# <u>079200 - JOINT SEALANTS:</u>

- A. MANUFACTURERS/PRODUCTS: 1. ELASTOMERIC SEALANT FOR VERTICAL AND NON-TRAFFIC HORIZONTAL JOINTS: ASTM C920 NON-STAINING, TYPE S, GRADE NS, CLASS 50, USE NT, G, A AND O. DOW CORNING 795 HP, TREMCO DYMERIC 240, PECORA DYNATROL II. SIKA CORP SIKAFLEX 2CNS. 2. ELASTOMERIC SEALANT FOR TRAFFIC JOINTS: ASTM C920, NON-STAINING, USE T, MULTI-COMPONENT URETHANE BT TREMCO, PECORA, SIKA. 3. JOINT SEALANT BACKING: ASTM C1330, TYPE C CLOSED-CELL WITH SURFACE SKIN. PLASTIC BOND BREAKER TAPE WHERE BACKING CANNOT BE INSTALLED AT SHALLOW JOINTS.
- B. INSTALLATION: COMPLY WITH SEALANT MANUFACTURER'S INSTRUCTIONS AND ASTM C1193. INSTALL BACKINGS BEHIND SEALANT AT DEPTH TO PROVIDE OPTIMUM PERFORMANCE. INSTALL ELASTOMERIC SEALANT AT ALL EXTERIOR JOINTS AND ALL INTERIOR MOVEMENT JOINTS. TOOL SEALANTS TO CONCAVE CONFIGURATION.
- SUBMITTALS: PRODUCT DATA, SAMPLES, COLOR SELECTION. WARRANTY: TWO-YEAR INSTALLER AND MANUFACTURER'S WARRANTY AGAINST

## 084120 - FIBERGLASS REINFORCED POLYESTER **DOOR SYSTEMS**

- A. MANUFACTURERS AND PRODUCTS: SPECIAL-LITE, EDGEWATER, TIGER.
- B. MATERIALS AND FABRICATION:
  - 1. DOORS: 1 3/4 INCH THICKNESS, FIBERGLASS REINFORCED POLYESTER FACE SHEETS 0.12 INCH THICK, URETHANE FUSED TO FRP STILE AND RAIL ASSEMBLY AND CURED UNDER PRESSURE. EPS POLYSTYENE FOAM CORE, REINFORCING FOR DOOR HARDWARE, FACTORY INSTALLED VISION LITES. 2. FRAMES: 5 3/4" BY 2" FIBERGLASS REINFORCED POLYESTER WITH CHEMICALLY WELDED MITERED JOINTS. 3. COLORS AND FINISHES: AS SELECTED BY OWNER FROM MANUFACTURERS FULL RANGE AND TO MATCH OTHER FRP DOORS IN
- C. INSTALLATION: IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND FINAL SUBMITTALS.
- SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, COLOR SAMPLES AND INSTALLATION INSTRUCTIONS.

- 085113 ALUMINUM WINDOWS: MANUFACTURERS/ PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS. PROVIDE PRODUCTS BY ONE OF THE FOLLOWING: PEERLESS PRODUCTS INC. (BASIS OF DESIGN); WAUSAU WINDOWS AND WALL SYSTEMS: KAWNEER NORTH AMERICA, AN ALCOA COMPANY; GRAHAM ARCHITECTURAL PRODUCTS CORP.
- B. MATERIALS AND FABRICATION: 1. OPERATING TYPE: SINGLE HUNG WITH TRUE MUNTINS (MODEL 9158) 2. PRODUCT TO COMPLY WITH AAMA/WDMA/CSA 101/I.S.2/A440, ALL WINDOWS ARE TO BE AMMA CERTIFIED WITH LABEL ATTACHED TO EACH WINDOW. 3. PERFORMANCE AS FOLLOWS: a) PERFORMANCE CLASS: AW
  - b) PERFORMANCE GRADE: 80 4. THERMAL TRANSMITTANCE: NFRC 100 MAX WHOLE WINDOW U-FACTOR: a) MAX 0.43 OPERABLE WINDOW
  - b) MAX 0.36 FIXED WINDOW 5. SOLAR HEAT-GAIN COEFFICIENT (SHGC): WHOLE WINDOW OF 0.40. 6. THERMAL MOVEMENT: ALLOW FOR THERMAL MOVEMENT AT 180 DEG F MATERIAL SURFACES BY PREVENTING BUCKLING OR FAILURE. 7. HARDWARE: MANUFACTURER'S STANDARD COMPLYING WITH AAMA 907. FOR SMOOTH OPERATION, TIGHTLY CLOSE, SECURELY LOCK AND SIZED TO ACCOMMODATE SASH WEIGHT AND DIMENSIONS. PROVIDE LIMIT DEVICE FOR CLEAR OPENING OF 6". PROVIDE CUSTODIAL LOCKS. 8. WEATHER STRIPPING: FULL-PERIMETER WEATHER STRIPPING FOR EACH OPERABLE SASH. 9. WEEP HOLES: TO CONDUCT INFILTRATING WATER TO EXTERIOR. 10. MULLIONS AND COVER PLATES: TO MATCH WINDOW UNITS AND CAPABLE
- OF WITHSTANDING DESIGN LOADS. 11. SUBSILL: THERMALLY BROKEN EXTRUDED-ALUMINUM. 12. RECEPTOR SYSTEM: THERMALLY BROKEN EXTRUDED ALUMINUM TO SIDE 13. PANNING TRIM: EXTRUDED ALUMINUM PROFILE PER DRAWINGS. 14. INTERIOR TRIM: EXTRUDED ALUMINUM TO SEAL PERIMETER. 15. INSECT SCREEN: ALUMINUM ALLOY FRAME TO SMA 1004 OR SMA 1201 WIRE MESH 18 BY 16 MESH OF 0.011" DIA COATED ALUMINUM WIRE. 16. FINISH: HIGH PERFORMANCE ORGANIC TWO-COAT FLUOROPOLYMER FINISH. PREPARE, PRETREAT, AND APPLY COATING TO EXPOSED METAL

SURFACES, COMPLYING WITH AAMA 2605 AND MANUFACTURER'S WRITTEN

- 1. 5 YEARS FOR INSTALLATION FROM DATE OF SUBSTANTIAL COMPLETION. 2. 20 YEARS FOR ALUMINUM FINISH FROM DATE OF SUBSTANTIAL
- ). INSTALLATION: INSTALL WINDOWS LEVEL, PLUMB, SQUARE, TRUE TO LINE, WITHOUT DISTORTION OR IMPEDING THERMAL MOVEMENT, ANCHORED SECURELY IN PLACE TO STRUCTURE SUPPORT, AND IN PROPER RELATION TO WALL
- FLASHING AND OTHER ADJACENT CONSTRUCTION TO PRODUCE WEATHERTIGHT CONSTRUCTION AND TO MANUFACTURER'S WRITTEN NSTRUCTIONS AND ASTM E 2112 SEPARATE ALUMINUM AND OTHER CORRODIBLE SURFACES FROM SOURCES OF CORROSION OR ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH CLEAN EXPOSED SURFACES IMMEDIATELY AFTER INSTALLATION. ADJUST OPERATING SASHES FOR SMOOTH AND WEATHERTIGHT CLOSURE. REPLACE ANY DAMAGED GLASS.
- E. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, SAMPLES, COLORS, TEST REPORTS
- <u>087100 DOOR HARDWARE:</u>

INSTRUCTIONS.

COMPLETION.

- A. MANUFACTURER'S / PRODUCTS: SEE DOOR SCHEDULE FOR BASIS OF DESIGN PRODUCTS AND MANUFACTURERS.
- B. INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS AND SAMPLES, PREPARE SUBMITTAL USING SAME DOOR NUMBERS AS IN THE CONTRACT DOCUMENTS.

# <u>088000 - GLAZING:</u>

- A. MATERIALS/PRODUCTS: 1. ANNEALED FLOAT GLASS: ASTM C1036, TYPE I, QUALITY Q3, CLASS I (CLEAR) OR CLASS II (TINTED) AS INDICATED. 2. HEAT-TREATED FLOAT GLASS: ASTM C1048, TYPE 1, QUALITY Q3, CLASS I (CLEAR) OR CLASS II (TINTED) AS INDICATED, KIND HS (HEAT-STRENGTHENED) OR KIND FT (FULLY TEMPERED) AS INDICATED 3. INSULATING GLASS: ASTM È 774, CLASS CBA, WITH MANUFACTURER'S STANDARD DUAL SET SPACER AND CORNER CONSTRUCTION, LOW EMISSIVITY COATING ON SECOND SURFACE. AND CONSISTING OF ANNEALED OR HEAT TREATED CLEAR GLASS AS INDICATED. 4. GLAZING SEALANTS, GASKETS, TAPES, SETTING BLOCKS, SPACERS, EDGE BLOCKS: AS STANDARD WITH GLAZED PRODUCT/SYSTEM MANUFACTURER AND AS REQUIRED FOR PROPER PERFORMANCE AND
  - SECURE, STABLE INSTALLATION. GLASS SCHEDULE; a) OVERALL THICKNESS: 1 INCH b) MIN INDOOR AND OUTDOOR LITE: 6 MM. c) INTERSPACE CONTENT: AIR OR ARGON. d) LOW-E COATING: PPG SOLARBAN 60 OR APPROVED EQUAL. e) WINTER U-FACTOR: 0.29 MAX f) VISIBLE LIGHT TRANSMITTANCE: 70 PERCENT MIN. g) SOLAR HEAT GAIN COEFFICIENT: 0.40 MAX
- B. INSTALLATION: COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE GANA, AAMA, AND IGMA PUBLICATIONS.
- C. SUBMITTALS: PRODUCT DATA, SAMPLES, GLAZING SCHEDULE USING SAME OPENING DESIGNATION ON DRAWING.
- D. WARRANTY: TEN-YEAR UNIT REPLACEMENT FOR INSULATING GLASS FAILURE.

# **GENERAL NOTES:**

- <u>099000 PAINTING:</u> A. MANUFACTURERS/ PRODUCTS: SHERWIN WILLIAMS CO., BENJAMIN MOORE AND
- B. MATERIALS AND FABRICATION: THE DESIGNATION FOR EACH APPLICATION IS BASED ON SHERWIN WILLIAMS CO., PROVIDE FITHER THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE OTHER MANUFACTURERS SPECIFIED (OMIT PRIMER IF SHOP PRIMED OR PREVIOUSLY PAINTED). 1. EXTERIOR PAINT:

CO., PITTSBURGH PAINTS/ PPG INDUSTRIES, ICI DULUX PAINTS

- A. GALVANIZED METAL: 1) FIRST COAT: DTM ACRYLIC PRIMER/ FINISH B66W1 2) SECOND AND THIRD COATS: DTM ACRYLIC GLOSS COATING B66-100 SERIES. B. FERROUS METAL:
- 1) FIRST COAT: KEM KROMIK UNIVERSAL PRIMER B50Z 2) SECOND AND THIRD COATS:DTM ACRYLIC GLOSS COATING B66-100 SERIES. 1) FIRST COAT: A-100 EXTERIOR OIL WOOD PRIMER
- 2) SECOND AND THIRD COATS: A-100 ACRYLIC LATEX 2. INTERIOR PAINT:
- A. GYPSUM WALLBOARD: (SEMIGLOSS, EGGSHELL, FLAT) 1) FIRST COAT: HARMONY LOW ODOR INTERIOR LATEX PRIMER B11W900 2) SECOND AND THIRD COATS: SEMI-GLOSS: HARMONY LOW ODOR INTERIOR LATEX SEMI GLOSS B10 SERIES
- 3. EPOXY METAL COATING BY TNEMEC OR APPROVED EQUAL: A. METAL RAILING: 1) FIRST COAT: SERIES 1 - OMNITHANE 2) SECOND AND THIRD COATS: HI-BUILD EPOXOLINE
- INSTALLATION: PROVIDE COLORS AS SELECTED BY THE OWNER. ALL UNDERCOATS SHALL BE TINTED TO THE APPROXIMATE SHADE OF THE FINAL FINISH COAT. USE OSHA STANDARDS FOR SAFETY COLOR CODING WHERE APPLICABLE. PREPARE ALL SURFACES INCLUDING PREVIOUSLY PAINTED SURFACES AS RECOMMENDED BY THE MANUFACTURER. APPLY MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND RATES.
- D. SUBMITTALS: SCHEDULE OF ALL PAINT PROPOSED FOR USE AND COLOR SAMPLES FOR SELECTION.

1. REFER TO DIVISION 01 - GENERAL REQUIREMENTS FOR OTHER PROJECT

CONDITIONS. SUBMIT SURVEY INFORMATION FOR RECORD.

- REQUIREMENTS. 2. PRIOR TO THE START OF ANY WORK, THE CONTRACTOR SHALL FIELD VERIFY AND SURVEY ALL EXISTING DIMENSIONS, ELEVATIONS AND
- 3. BEFORE SUBMITTING BID. CONTRACTOR SHALL VISIT THE SITE AND EXAMINE THE CONDITIONS ON WHICH HIS WORK IS IN ANY WAY DEPENDENT FOR THE BEST WORKMANSHIP AND OPERATION ACCORDING TO THE INTENT OF CONSTRUCTION DOCUMENTS.

# **ABBREVIATIONS:**

- ACOUSTICAL CEILING TILE ABOVE FINISHED FLOOR ALUMINUM ARCHITECT/ARCHITECTURAL ARCH BSMT BASEMENT CENTER LINE CLOSET CNST CONSTRUCTION CONT CONTINUOUS CONTR CONTRACTOR COORD COORDINATI DEEP/DEPTH DEMO DEMOLISHED/DEMOLITION DWG/DWG DRAWING/DRAWINGS ELEV FLEVATOR **EQUIPMENT** EXIST FXISTING FLOOR DRAIN
- FIBERGLASS REINFORCED POLYESTER GALVANIZED GWB GYPSUM WALL BOARD GYPSUM HOLLOW METAL JANITOR
- MASONRY OPENING NOT TO SCALE ON CENTER PAINT/PAINTEI RUBBER BASE RFFFR

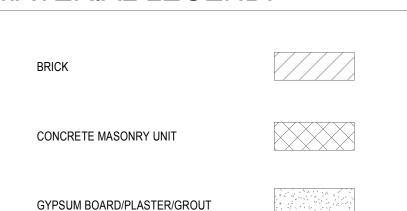
VESTIBULE

REFR REFRIGERATOR TYPICAL

VEST

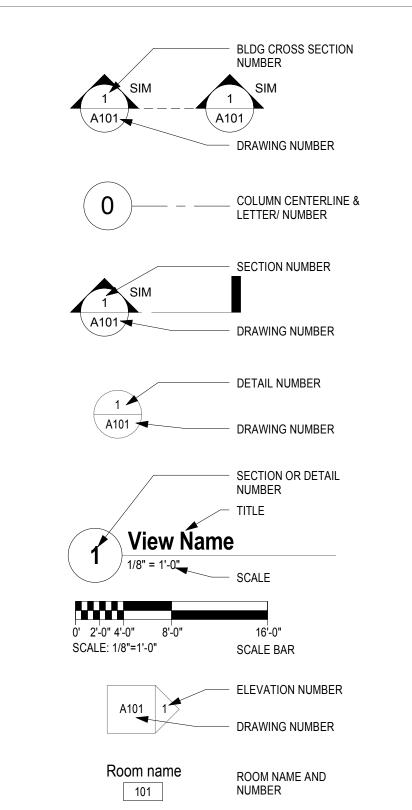
# MATERIAL LEGEND:

WELDED WIRE REINFORCEMENT



CONCRETE OR PRECAST CONCRETE

# DRAWING SYMBOLS:



# **BUILDING CODE INFORMATION:**

DOOR NUMBER

LOCATION: STONE HOUSE 9824 ROUTE 16 MACHIAS, N.Y. 14101 ACCESSIBLE AND USABLE BUILDINGS AND

OCCUPANCY CLASSIFICATION:

ASSEMBLY BUSINESS CLASSIFICATION OF WORK: **ALTERATION LEVEL 1** TYPE OF CONSTRUCTION:

FULLY SPRINKLERED: CLIMATE ZONE:

YES

FACILITIES 2009

BUILDING CODE OF NEW YORK STATE 2010 EXISTING BUILDING CODE OF NYS 2010

# PHOTOS OF EXISTING CONDITIONS:



**EXISTING W1 WINDOW** 



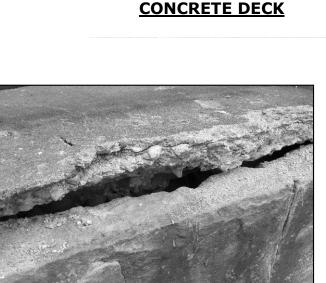
**EXISTING W2 WINDOWS** 



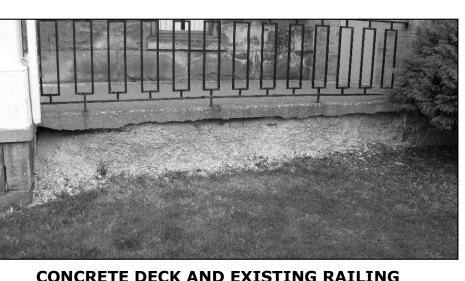
**EXISTING W3 WINDOW** 





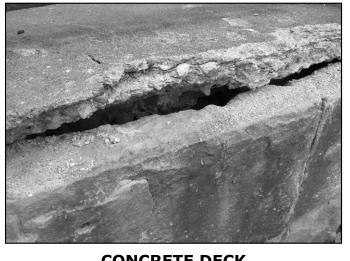


**CONCRETE DECK** 



**STAIR AT DECK** 

**CONCRETE DECK AND EXISTING RAILING** 



**CONCRETE DECK** 



**IMPROVEMENTS** PART 2 DPW BID #61

**DEPARTMENT OF PUBLIC WORKS** 8810 ROUTE 242

**CATTARAUGUS COUNTY** 

LITTLE VALLEY, N.Y. 14755

MACHIAS, N.Y. 14101

STONE HOUSE 9824 ROUTE 16

BID DOCUMENTS



Buffalo, NY 14203 www.wendelcompanies.com p:716.688.0766 f:716.625.6825 Wendel WD Architecture, Engineering Surveying and Landscape Architecture P.C

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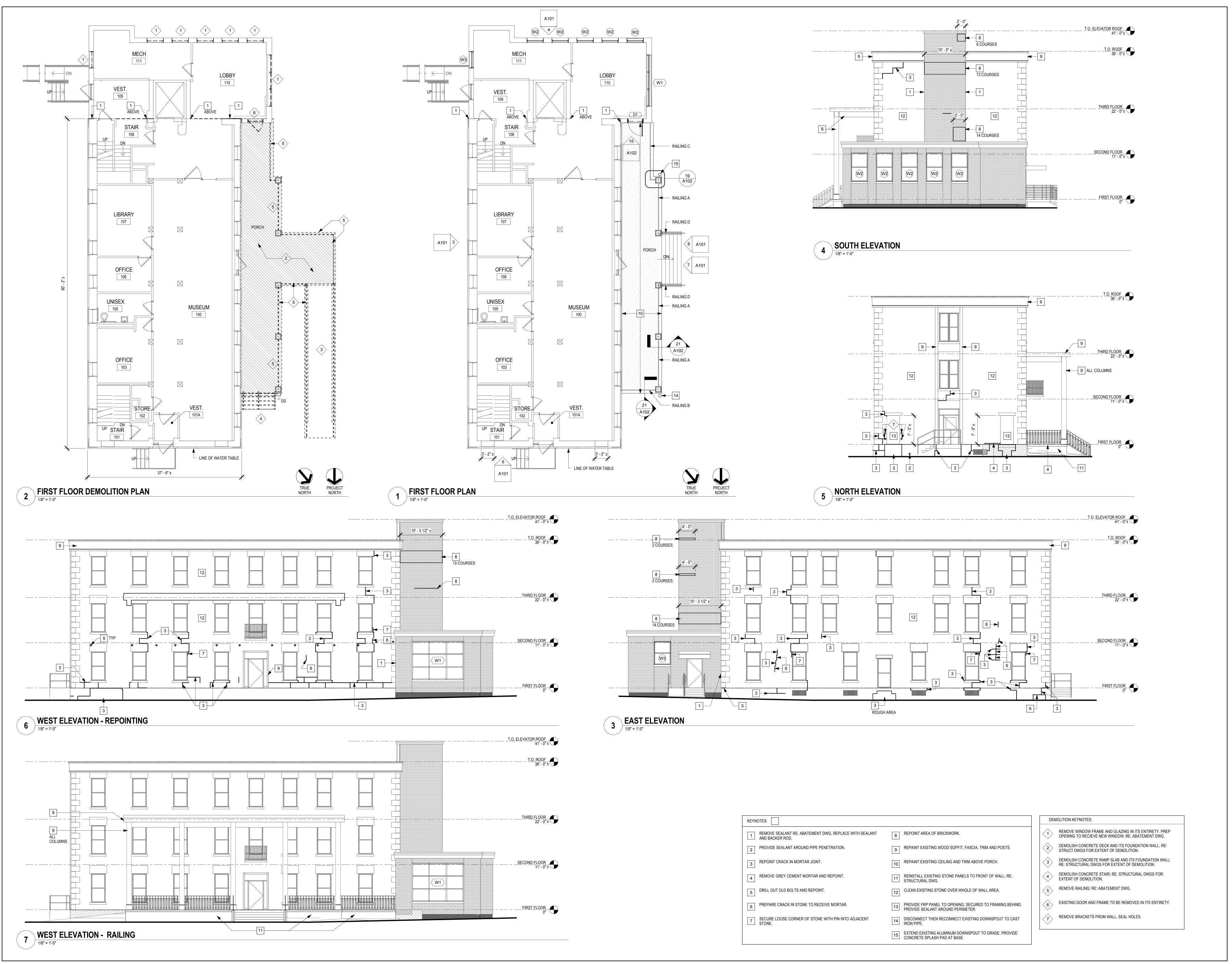
NO. BY REVISIONS DATE

DWG. TITLE

DWG. No.

SYMBOLS, ABBREVIATIONS. PHOTOS AND **SPECIFICATIONS** 

DATE August 1, 2016 SCALE As indicated CHK. **JAH** PROJ. No. 3076-43





Cattaraugus County

2016 IMPROVEMENTS PART 2 DPW BID # 61

CATTARAUGUS COUNTY
DEPARTMENT OF
PUBLIC WORKS

8810 ROUTE 242
LITTLE VALLEY, N.Y. 14755

STONE HOUSE 9824 ROUTE 16 MACHIAS, N.Y. 14101

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**BID DOCUMENTS** 



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FLOOR PLAN AND ELEVATIONS

DATE August 1, 2016

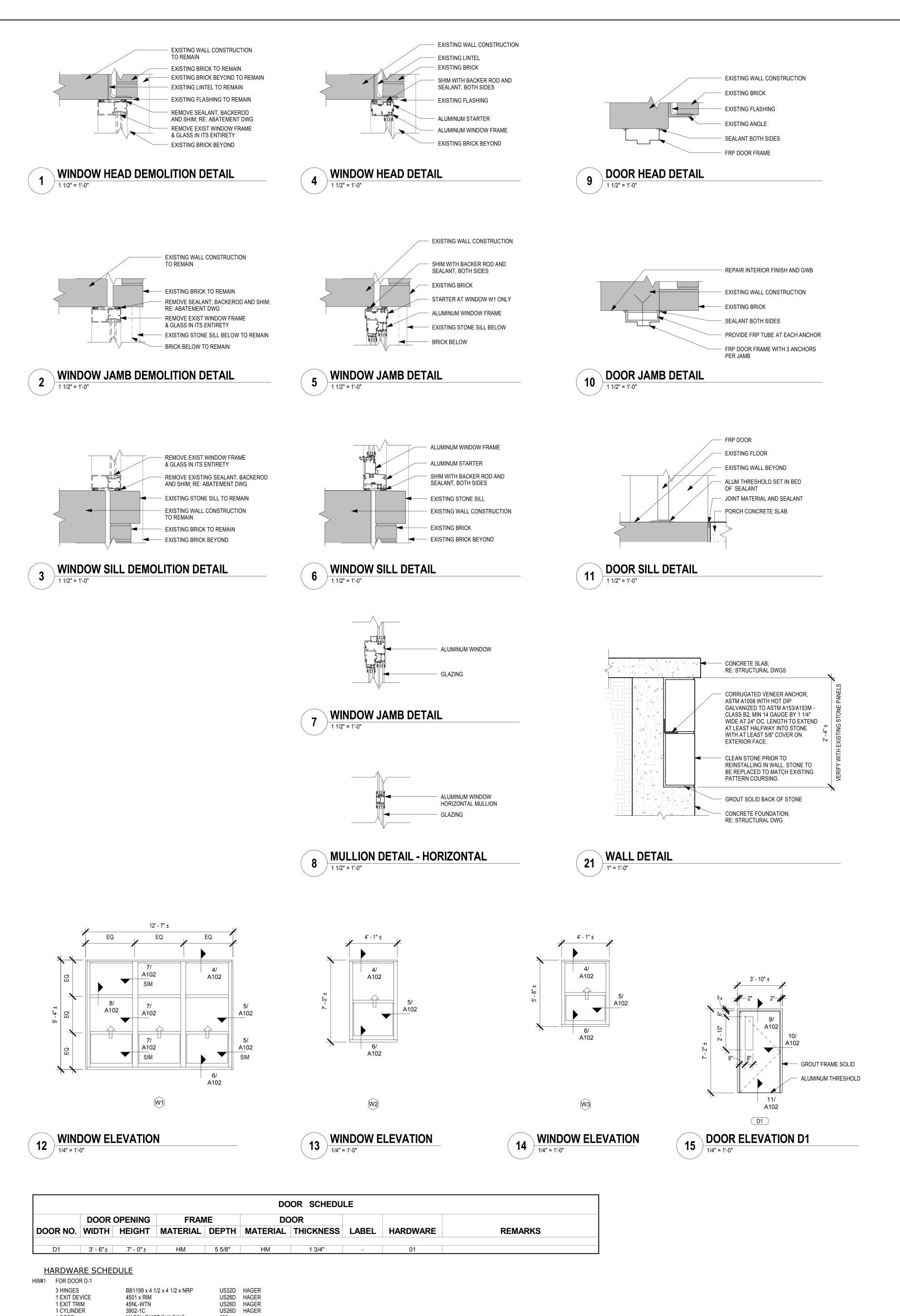
SCALE As indicated

DWN. SSS CHK. JAH

PROJ. No. 3076-43

DWG. No.

A101



1 CYLINDER 1 CORE 1 CLOSER 1 THRESHOLD

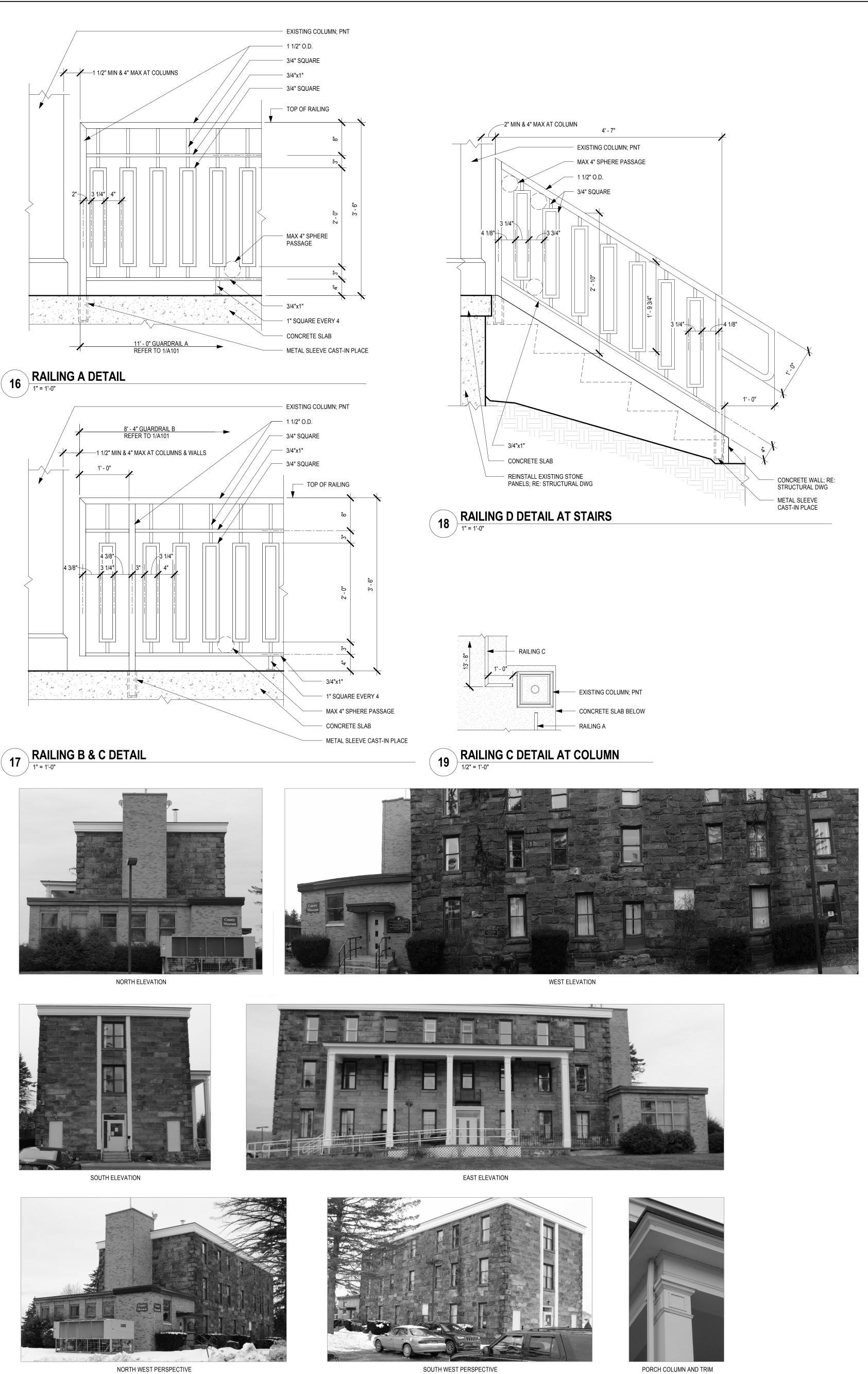
1 SWEEP 1 WEATHERSTRIP 3902-1C

5200 HDCS

MATCH EXIST BUILDING

770S-V MIL HAGER 881S-N INSTALL BEFORE CLOSER MIL HAGER 810S MIL HAGER

MIR HAGER



**BUILDING ELEVATIONS** 

DATE August 1, 2016 SCALE As indicated DWN. SSS CHK. **JAH** PROJ. No. 3076-43 DWG. No.

**DETAILS** 

DWG. TITLE

Cattaraugus County

2016

**IMPROVEMENTS** 

PART 2

DPW BID # 61

**CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS** 

8810 ROUTE 242

LITTLE VALLEY, N.Y. 14755

STONE HOUSE

9824 ROUTE 16

MACHIAS, N.Y. 14101

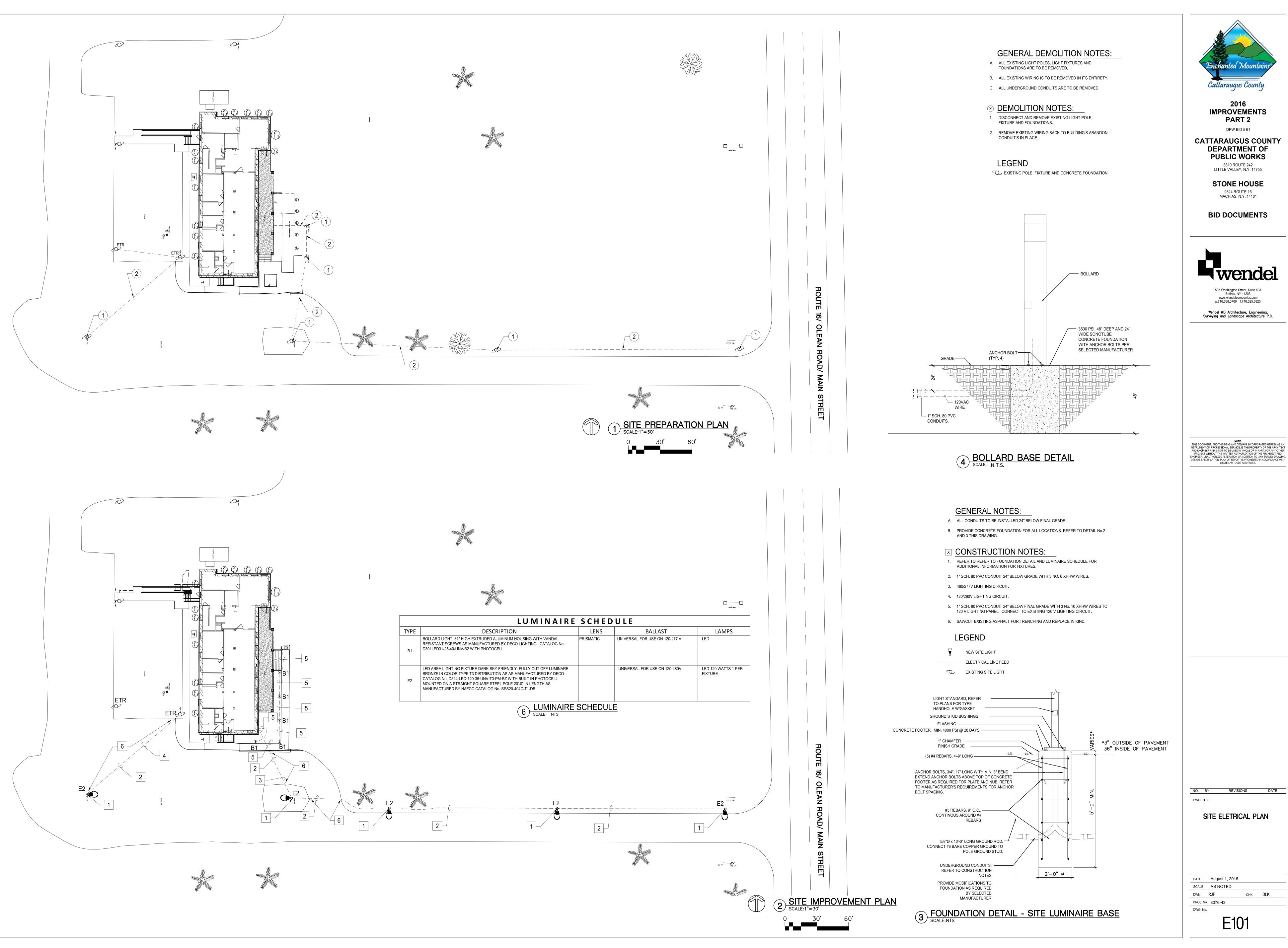
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**IMPROVEMENTS** PART 2

DPW BID # 61 **CATTARAUGUS COUNTY** 

> **DEPARTMENT OF PUBLIC WORKS** 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

STONE HOUSE 9824 ROUTE 16 MACHIAS, N.Y. 14101

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SITE ELETRICAL PLAN

DATE August 1, 2016 SCALE AS NOTED DWN. RJF снк. **DLK** 

E101