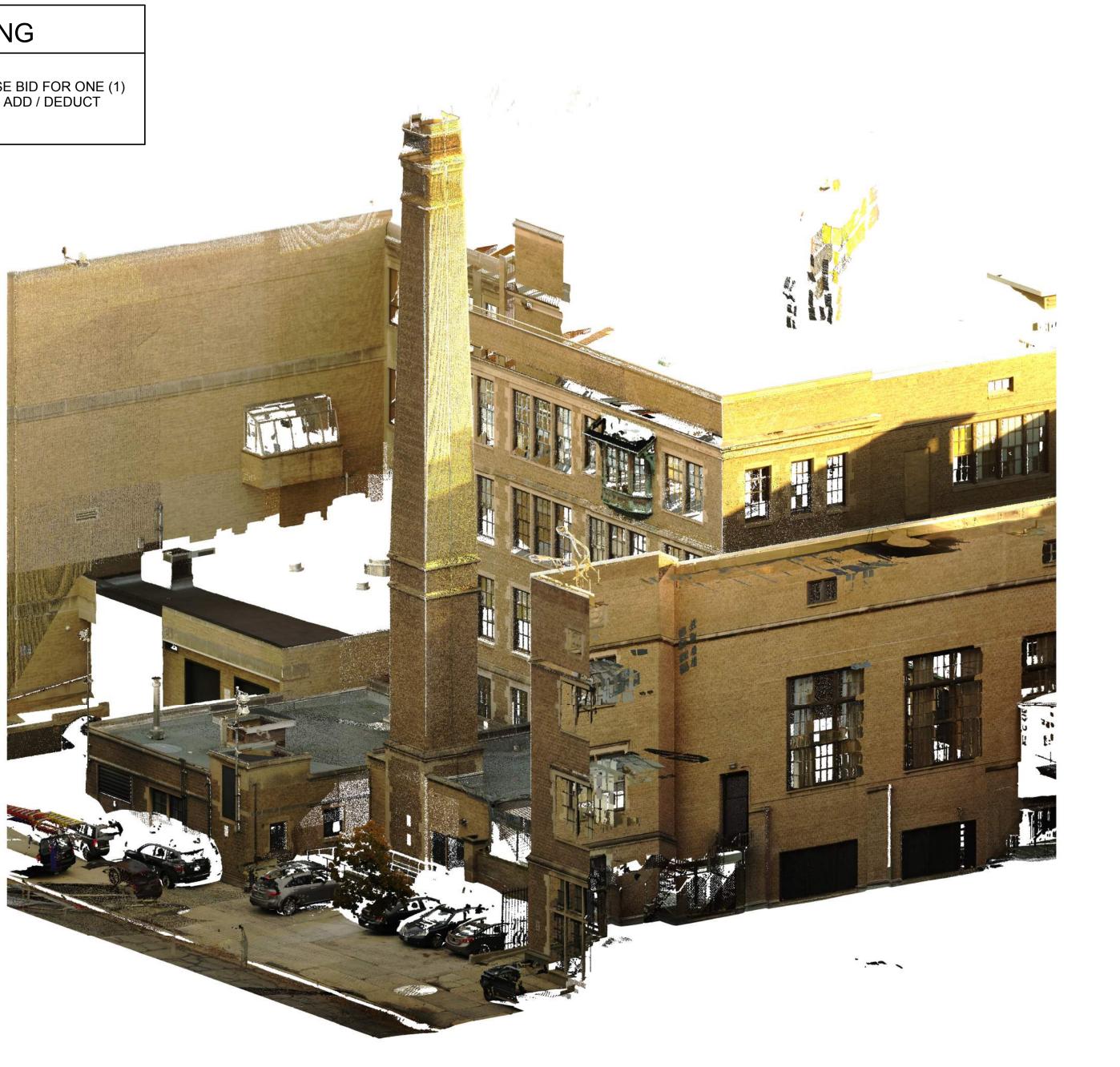
MILWAUKEE PUBLIC SCHOOLS - WASHINGTON HIGH SCHOOL CHIMNEY LOWERING AND RECONSTRUCTION

OWNER:

MILWAUKEE PUBLIC SCHOOLS 1124 NORTH 11th STREET MILWAUKEE, WI 53233

MANDATORY UNIT PRICING

BIDDER TO STATE THE ADD / DEDUCT TO BASE BID FOR ONE (1) LINEAL FOOT TUCKPOINTING TO BE USED TO ADD / DEDUCT **TUCKPOINTING FROM BASE BID**



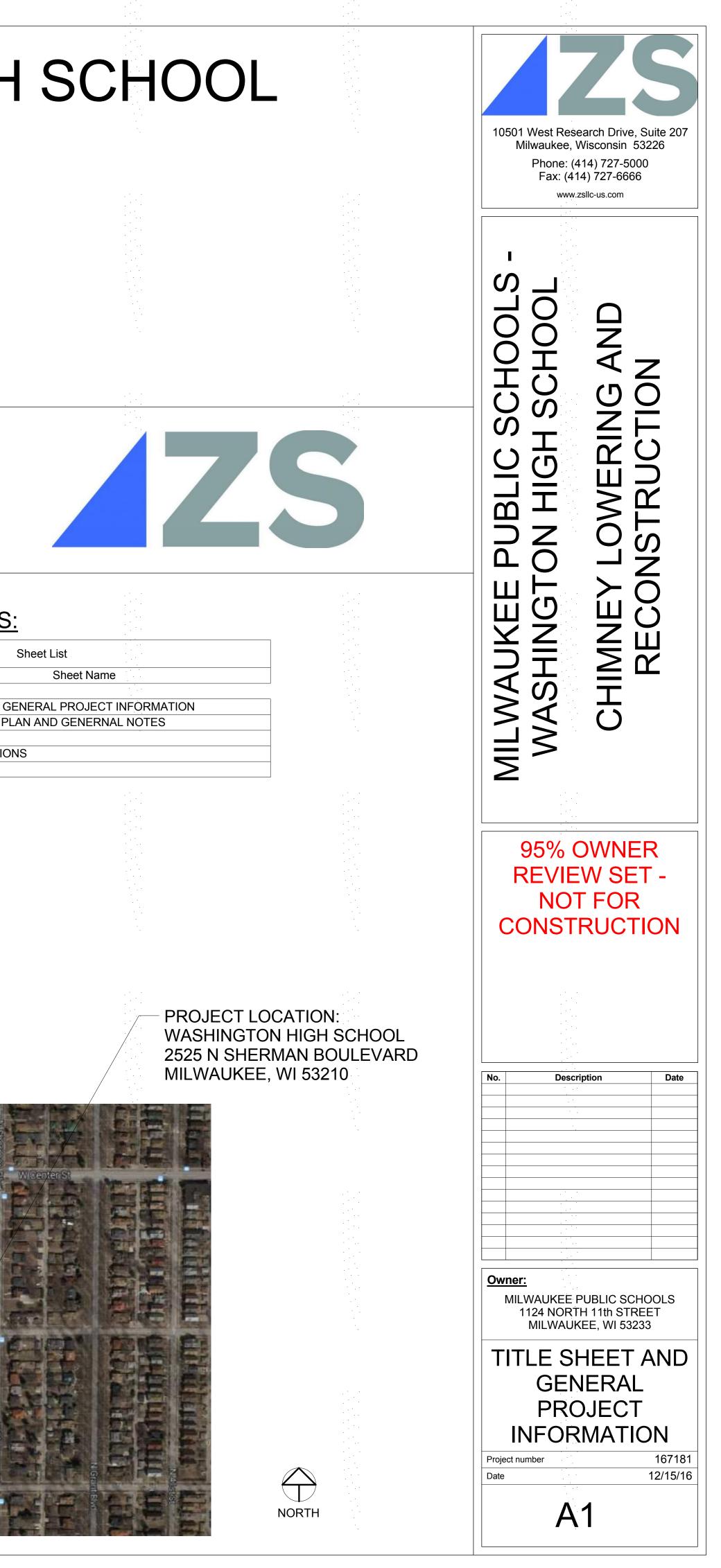
2525 NORTH SHERMAN BOULEVARD MILWAUKEE, WISCONSIN 53210 ZS LLC PROJECT NO. 167181

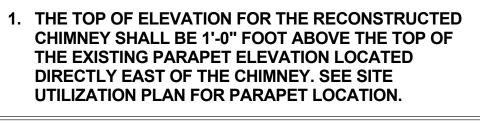
ARCHITECT/ENGINEER:

ZS LLC

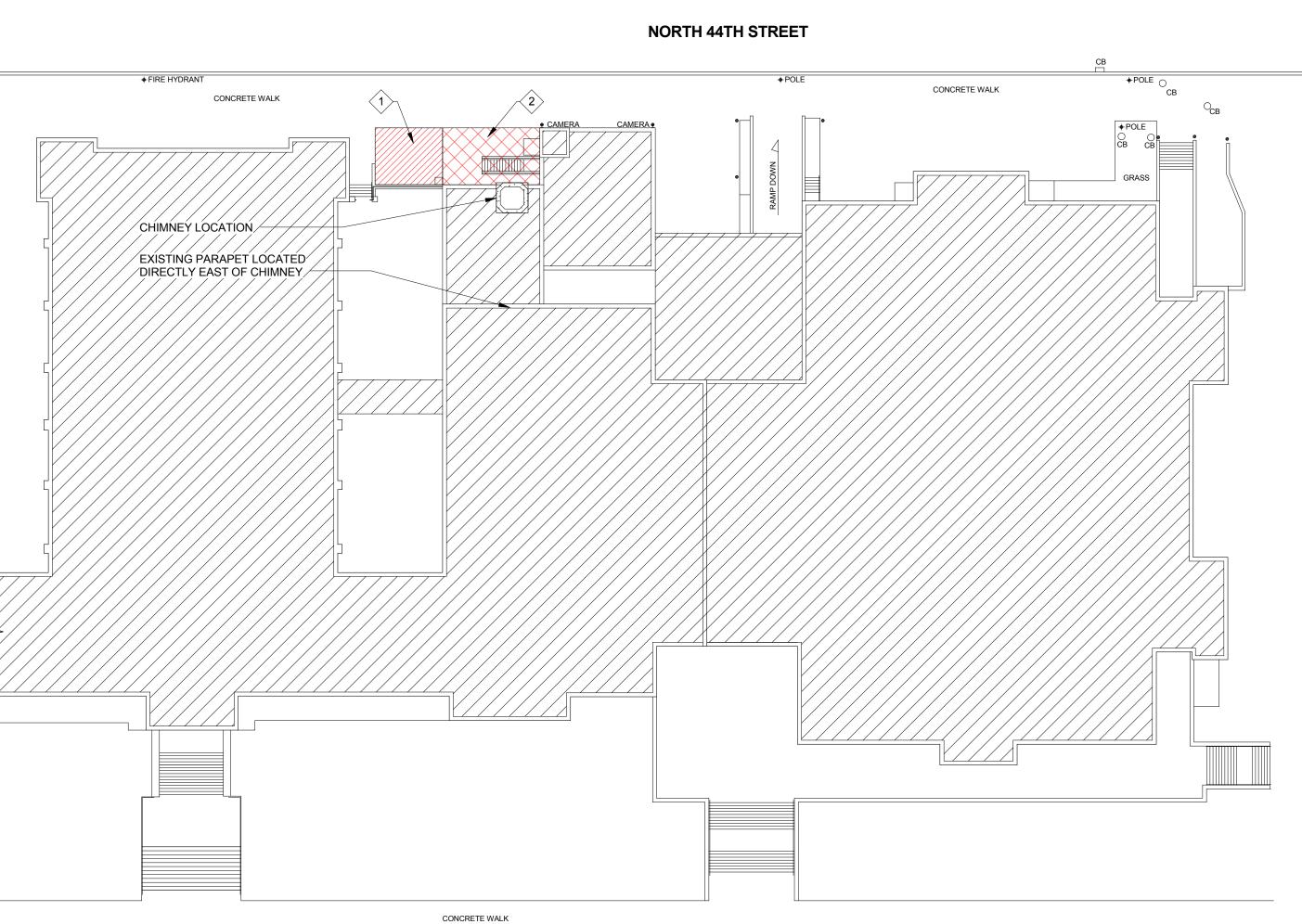
10501 WEST RESEARCH DRIVE, SUITE 207 MILWAUKEE, WI 53226

INDEX DRAWINGS	•
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LOCATION MAP:	
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NOTE:



NORTH SHERMAN BOULEVARD.



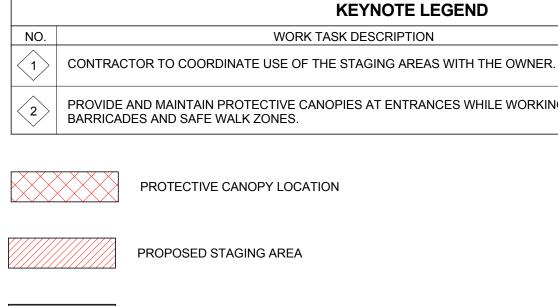


THE FOLLOWING GENERAL NOTES SHALL APPLY UNLESS NOTED OTHERWISE ON PLANS:

- CONDITIONS PRIOR TO BEGINNING WORK.

- APPROVAL OF THE PROPOSED SCHEDULE SHALL PRECEDE THE CONTRACT.
- INCLUDED IN CONTRACT TO THEIR ORIGINAL CONDITION. PROVIDE PROPER PROTECTION.

GENERAL SITE UTILIZATION PLAN NOTES:



NOTE IN REGARD TO EXISTING CONDITIONS

INFORMATION SHOWN ON THESE DRAWINGS, WITH RESPECT TO EXISTING CONDITIONS, TO THE BEST OF OUR KNOWLEDGE, REPRESENT THE GENERAL AND CURRENT FIELD CONDITIONS. ZSLLC MAKES NO WARRANTY AS TO THE COMPLETENESS OR ACCURACY OF ANY AND ALL EXISTING CONDITIONS SHOWN ON THESE DRAWINGS. CONTRACTOR('S) SHALL VERIFY ALL EXISTING CONDITIONS RELATED TO THE NEW WORK AND REPORT TO THE ENGINEER FOR REVIEW ANY DISCREPANCIES BEFORE PERFORMING ANY WORK. ANY WORK PERFORMED PRIOR TO ENGINEER REVIEW AND SUBSEQUENT RESOLUTION OF DISCREPANCIES BY THE ENGINEER IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST OR BURDEN TO THE CONTRACT.



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GENERAL PROJECT NOTES

I) ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE 2012 AND LOCAL BUILDING CODE. 2) CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF ALL DIMENSIONS SHOWN ON THESE DRAWINGS WITH EXISTING

CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNER ANY DIMENSION(S) OR DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL EXISTING CONDITIONS. AFTER REPORTING THE DISCREPANCIES VERBALLY, A WRITTEN REPORT SHOULD PROMPTLY FOLLOW. CONTRACTOR SHALL CEASE WORK IN THE AFFECTED AREA UNTIL DIRECTED BY THE OWNER.

4) THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY, HEALTH LAWS AND REGULATIONS.

5) THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SHEATHING, REQUIRED FOR SAFETY AND PROPER EXECUTION OF THE WORK. EXECUTION OF WORK WILL INVOLVE CONSIDERATION FOR ALLOWING THE OWNER TO CONTINUE THE OPERATION OF THE BUILDING AND THE BUSINESS IN THE FACILITY AND ADJACENT FACILITIES. PRIOR TO THE AWARD OF THE CONTRACT, THE CONSTRUCTION SCHEDULE PREPARED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER AND COORDINATED WITH THE FACILITY MANAGEMENT. OWNER'S

PROTECT ALL ASPHALT, CONCRETE, LANDSCAPING, TREES, AND ADJACENT BUILDING AREA. CONTRACTOR RESPONSIBLE TO RESTORE ANY DAMAGED LANDSCAPING, LAWN, AND TREES TO THEIR ORIGINAL CONDITIONS.

CONTRACTOR IS RESPONSIBLE TO RESTORE OR REPLACE ANY DAMAGED EXISTING LIMESTONE, WINDOWS, DOORS, ROOFING, NOT

1. THE SITE UTILIZATION PLAN HAS BEEN ASSEMBLED FROM SEVERAL DOCUMENTS PROVIDED BY THE MPS. IT IS NOT A SURVEYED PLAN.

KEYNOTE LEGEND

WORK TASK DESCRIPTION

PROVIDE AND MAINTAIN PROTECTIVE CANOPIES AT ENTRANCES WHILE WORKING ABOVE OR TO EITHER SIDES. MAINTAIN

UNDER GROUND VAULT LOCATION

S **SCHOOI** Ζ _ Ζ \mathbf{O} S <u>С</u> M \underline{O} E E E E M UBL Ζ Ω -7 MILWAUKEE SHING. MA ()95% OWNER **REVIEW SET -**NOT FOR CONSTRUCTION Date Description

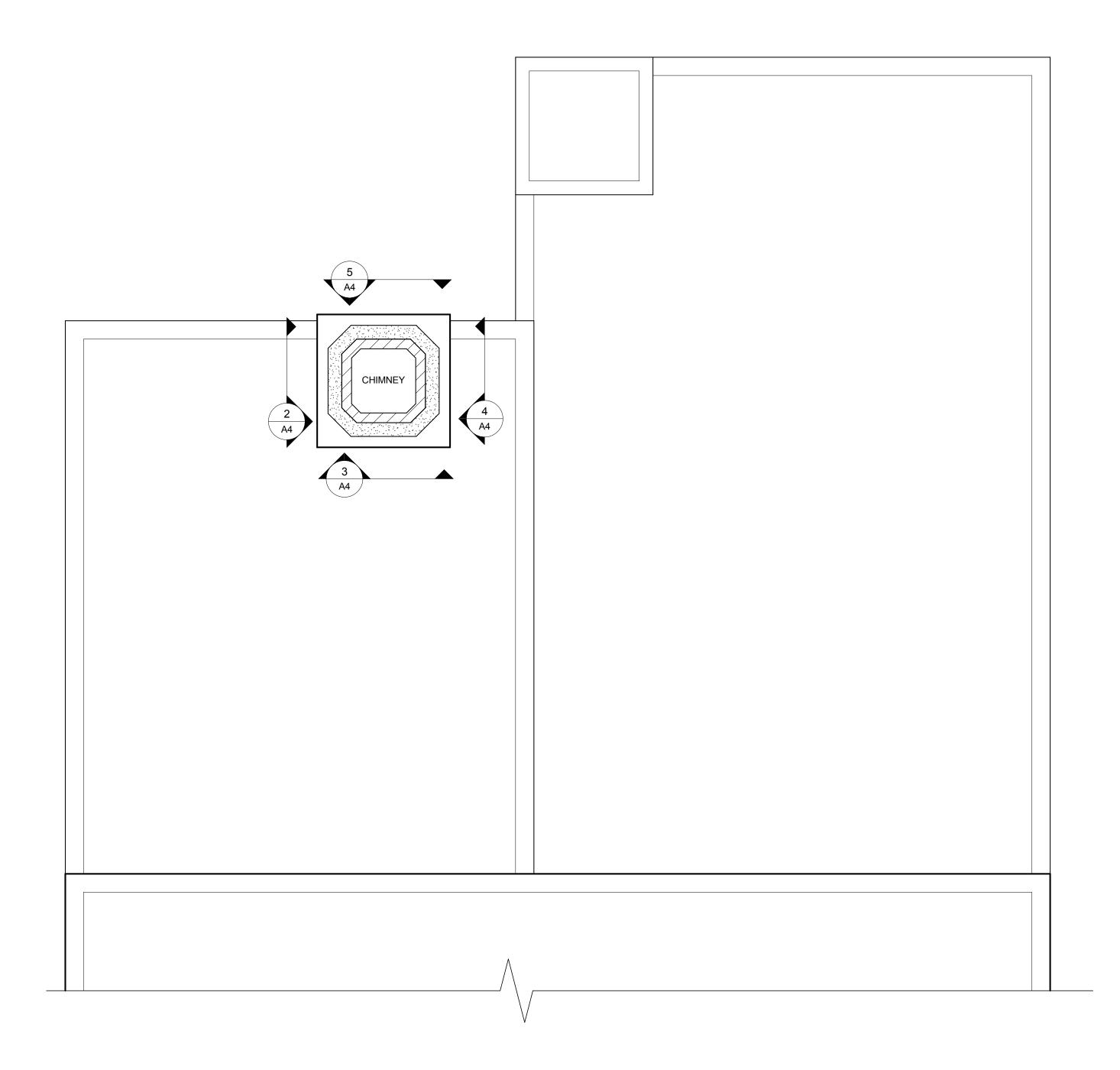
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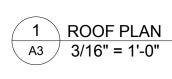
MILWAUKEE PUBLIC SCHOOLS 1124 NORTH 11th STREET

MILWAUKEE, WI 5323	3

SITE UTILIZ	ZATION		
PLAN AND			
GENERNAL	NOTES		
Project number	167181		
Date	12/15/16		

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95% OWNER
REVIEW SET -
NOT FOR
CONSTRUCTION

No.	Description	Date

<u>Owner:</u>

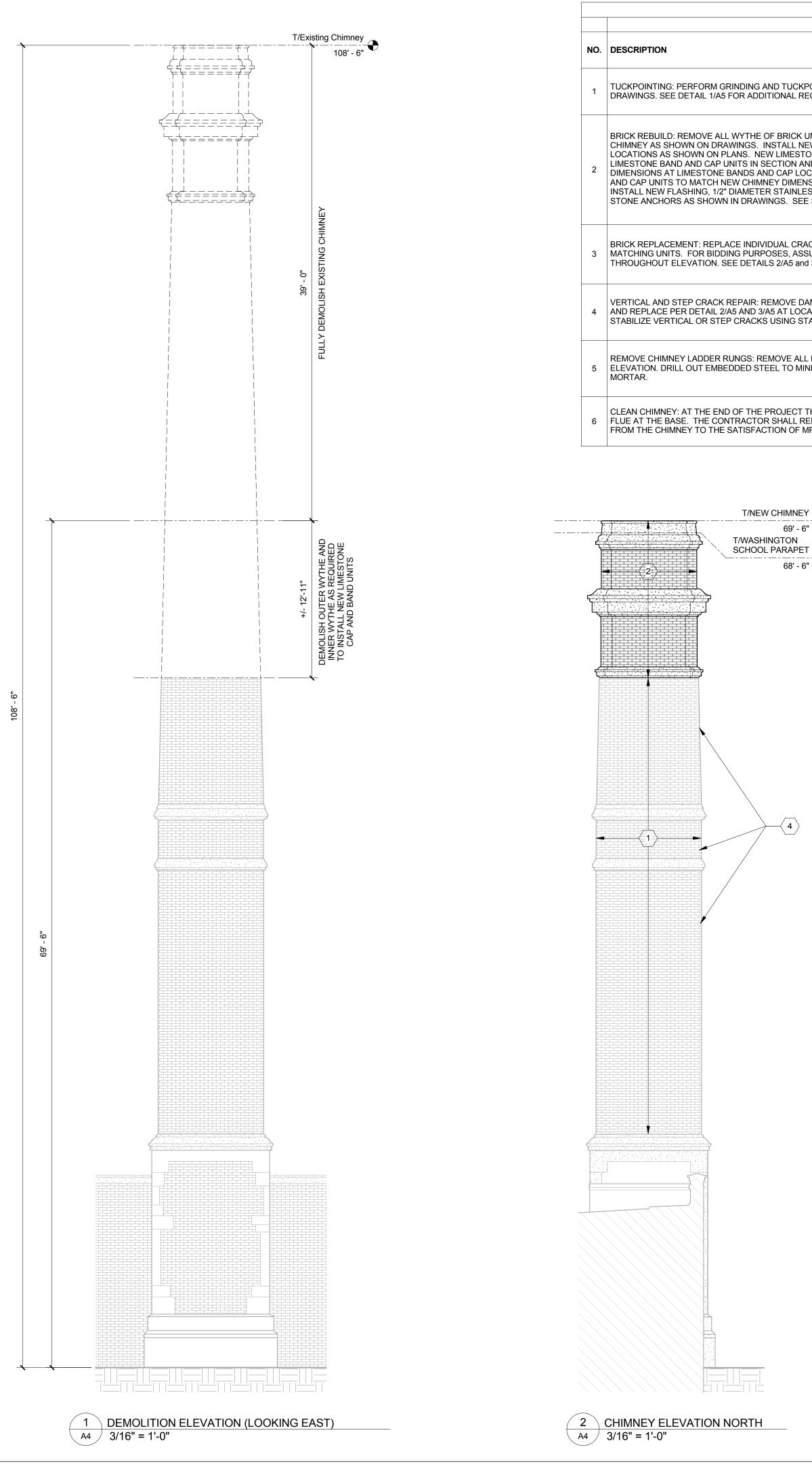
MILWAUKEE PUBLIC SCHOOLS 1124 NORTH 11th STREET MILWAUKEE, WI 53233

ROOF PLAN

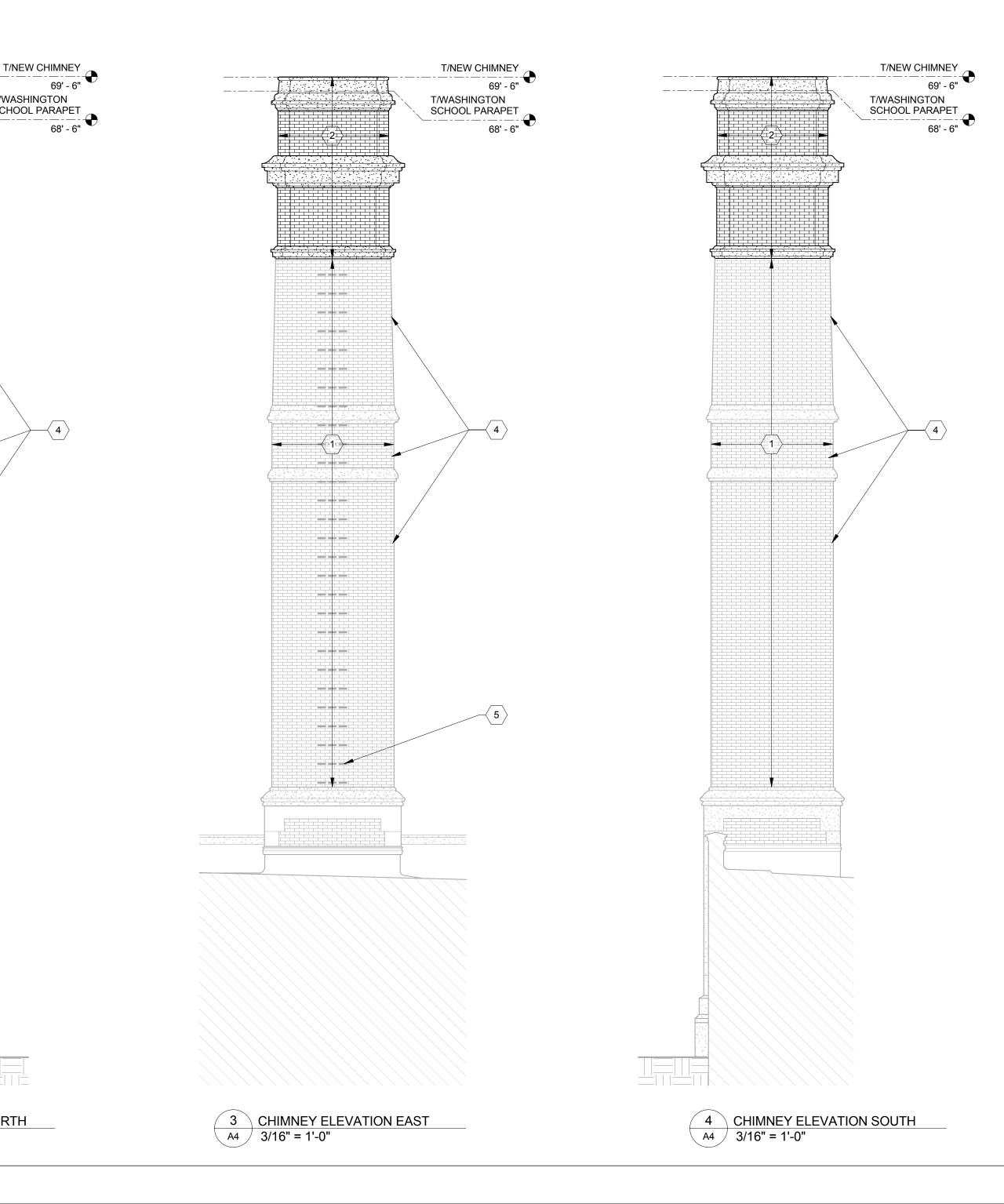
Project number Date

167181 12/15/16





KEYNOTE LEGEND (CHIMNEY R	EPAIRS)					
QUANTIES PER CHIMNEY ELEVATION				EVATION	1	
	UNITS	NORTH EL.	EAST EL.	SOUTH EL.	WEST EL.	TOTAL
ING AND TUCKPOINTING AT VARIOUS LOCATIONS AS SHOWN ON ADDITIONAL REQUIREMENTS.	S.F.	365	365	365	365	1460
THE OF BRICK UNITS AND LIMESTONE UNITS FROM TOP OF GS. INSTALL NEW LIMESTONE CAP AND BAND UNITS IN B. NEW LIMESTONE BAND AND CAP UNITS WILL MATCH EXISTING IN SECTION AND PROFILE. FIELD MEASURE CHIMNEY DS AND CAP LOCATIONS AND FABRICATE NEW LIMESTONE BAND CHIMNEY DIMENSIONS AT LOCATIONS AS SHOWN ON PLANS. METER STAINLESS STEEL PINS, AND HOHMANN & BARNARD #433 RAWINGS. SEE SHEET A5 FOR ADDITIONAL REQUIREMENTS.	LUMP SUM	0.25	0.25	0.25	0.25	1
NDIVIDUAL CRACKED/SPALLED BRICK VENEER UNITS WITH PURPOSES, ASSUME REPAIRS OCCUR AT RANDOM LOCATIONS ETAILS 2/A5 and 3/A5 FOR ADDITIONAL REQUIREMENTS.	EACH	30	30	30	30	120
AIR: REMOVE DAMAGED/DISPLACED BRICK UNITS FROM AREA ND 3/A5 AT LOCATIONS AS SHOWN ON DRAWINGS. REPAIR AND ACKS USING STAINLESS STEEL STITCHING TIES PER DETAIL 4/A5.	L.F.	20	20	20	20	80
S: REMOVE ALL EXISTING STEEL LADDER RUNGS AT EAST D STEEL TO MINIMUM DEPTH OF 2 INCHES AND INSTALL NEW	LUMP SUM		1			1
THE PROJECT THE CONTRACTOR WILL CLEAN THE CHIMNEY CTOR SHALL REMOVE ALL ASH AND CONSTRUCTION DEBRIS SFACTION OF MPS PERSONNEL.	LUMP SUM			1		1

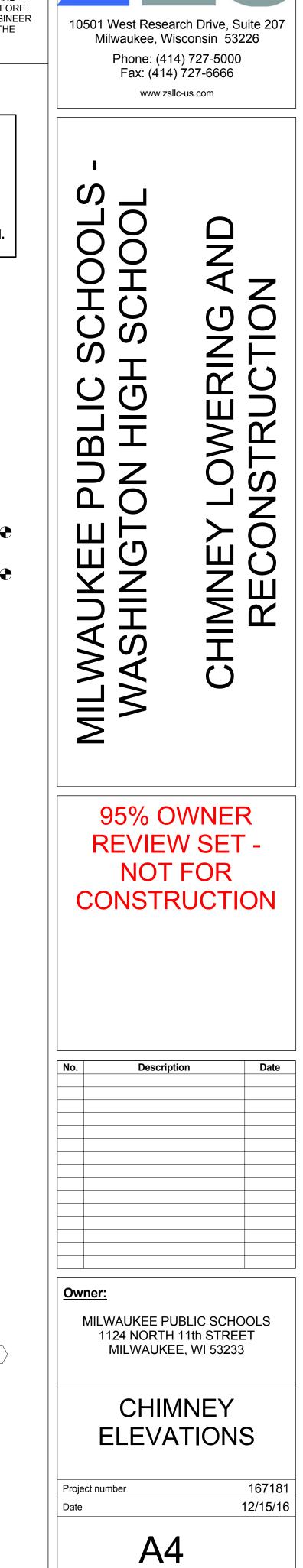


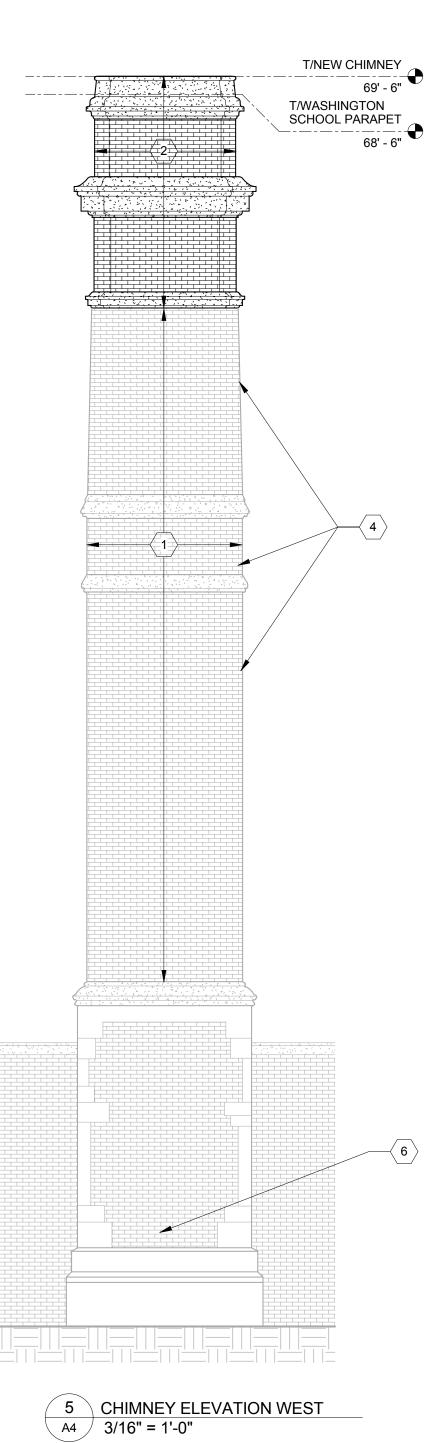
NOTE IN REGARD TO EXISTING CONDITIONS

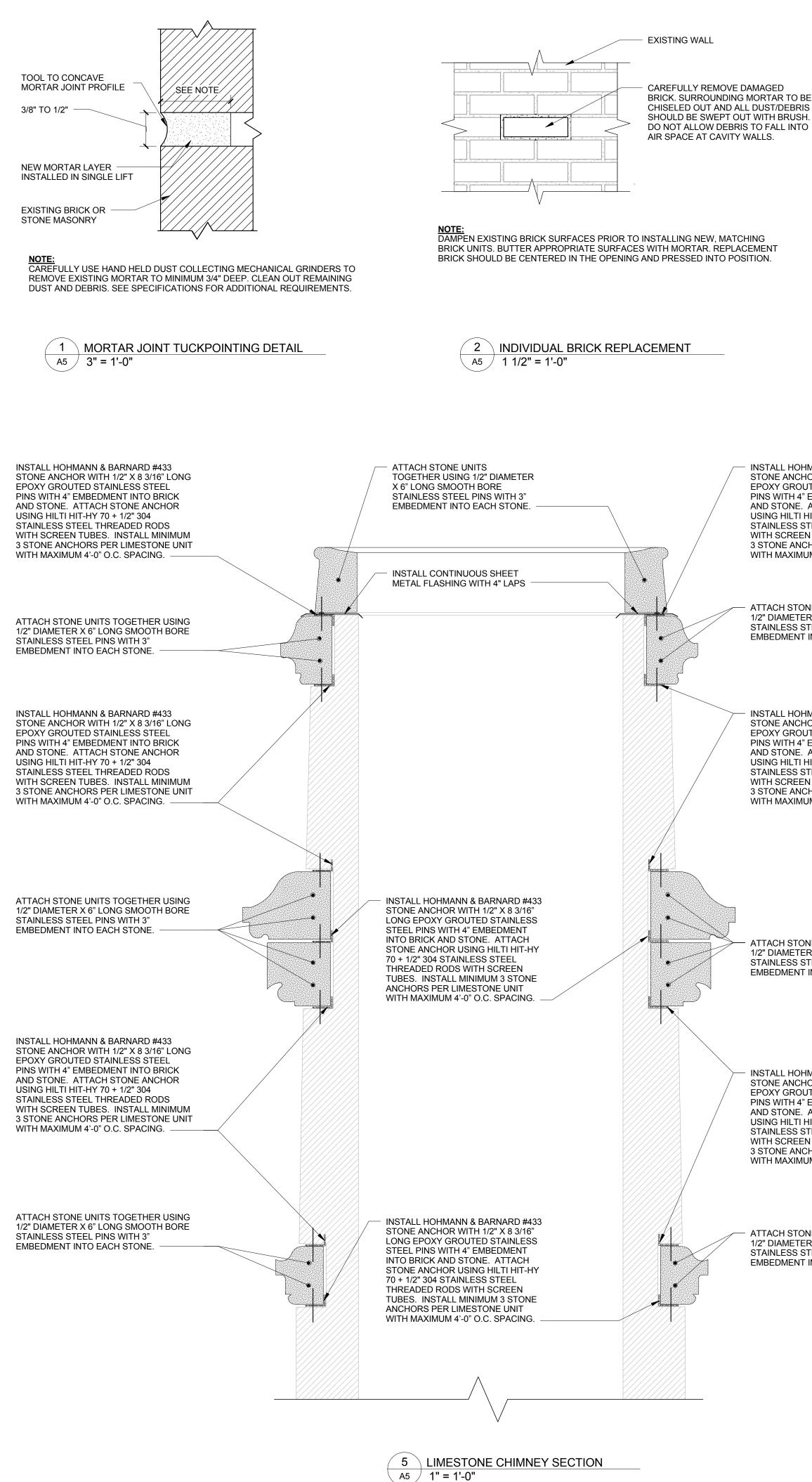
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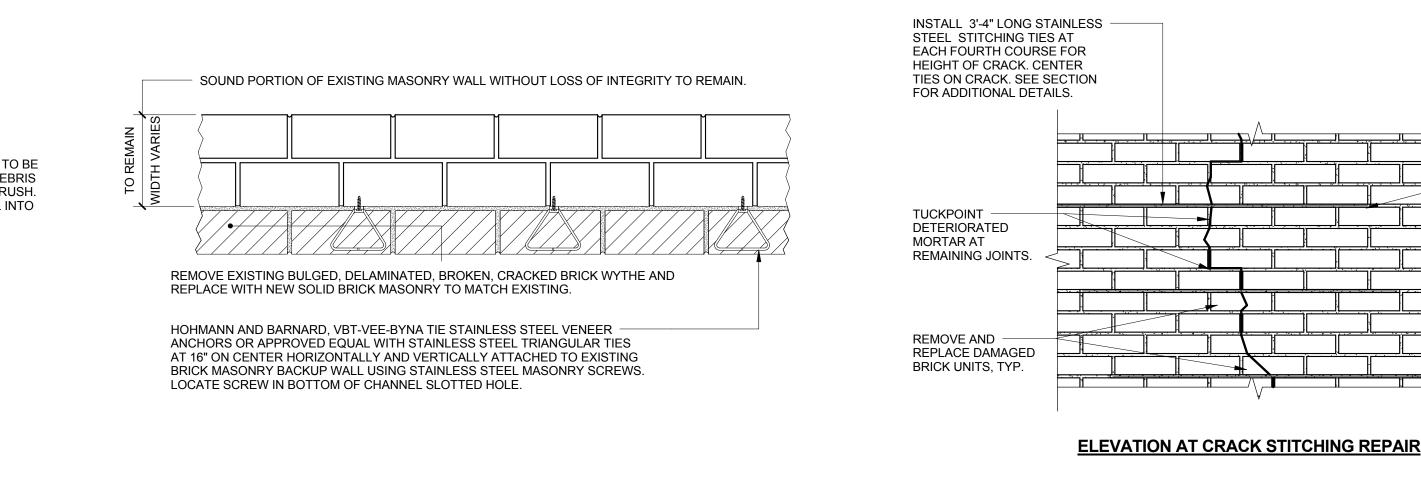
NOTE:

1. THE TOP OF ELEVATION FOR THE RECONSTRUCTED CHIMNEY SHALL BE 1'-0" FOOT ABOVE THE TOP OF THE EXISTING PARAPET ELEVATION LOCATED DIRECTLY EAST OF THE CHIMNEY. SEE SITE UTILIZATION PLAN FOR PARAPET LOCATION.









3 TYPICAL BRICK REPLACEMENT - PLAN VIEW

A5 / 1 1/2" = 1'-0"

INSTALL HOHMANN & BARNARD #433 STONE ANCHOR WITH 1/2" X 8 3/16" LONG EPOXY GROUTED STAINLESS STEEL **PINS WITH 4" EMBEDMENT INTO BRICK** AND STONE. ATTACH STONE ANCHOR USING HILTI HIT-HY 70 + 1/2" 304 STAINLESS STEEL THREADED RODS WITH SCREEN TUBES. INSTALL MINIMUM 3 STONE ANCHORS PER LIMESTONE UNIT WITH MAXIMUM 4'-0" O.C. SPACING.

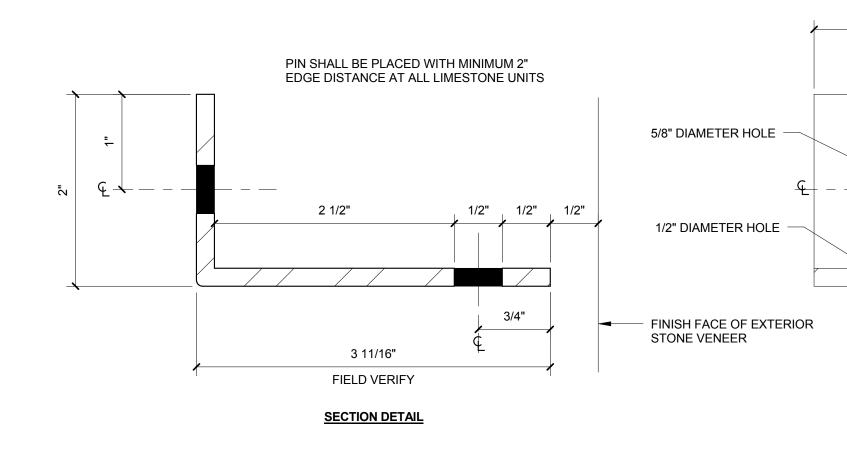
ATTACH STONE UNITS TOGETHER USING 1/2" DIAMETER X 6" LONG SMOOTH BORE STAINLESS STEEL PINS WITH 3" EMBEDMENT INTO EACH STONE.

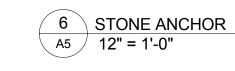
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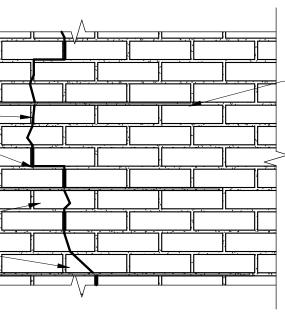
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ATTACH STONE UNITS TOGETHER USING 1/2" DIAMETER X 6" LONG SMOOTH BORE STAINLESS STEEL PINS WITH 3" EMBEDMENT INTO EACH STONE.







WHERE CRACKS OCCUR WITHIN 1'-8" FROM AN EXTERNAL CORNER OR AN OPENING, THE TIES SHOULD BE BENT AROUND THE CORNER AND BONDED INTO THE RETURN WALL OR BENT AND FIXED INTO THE REVEAL. DO NOT DAMAGE WATERPROOFING MEMBRANE

SECTION AT HELICAL TIE

BONDING GROUT.

1/4" DIA. S.S.

HELICAL TIE

3/8" TO 1/2" -

TUCKPOINT W/

THICK MORTAR

MIN. OF 1/2"

MORTAR

JOINT

10501 West Research Drive, Suite 207 Milwaukee, Wisconsin 53226 Phone: (414) 727-5000 Fax: (414) 727-6666 www.zsllc-us.com U, C Z SCHO \bigcap S M E E E \overline{O} M UBL Ζ Ω MILWAUKEE **D**ZH S MA ()95% OWNER **REVIEW SET -**NOT FOR CONSTRUCTION Date Description <u>Owner:</u> MILWAUKEE PUBLIC SCHOOLS 1124 NORTH 11th STREET MILWAUKEE, WI 53233 DETAILS

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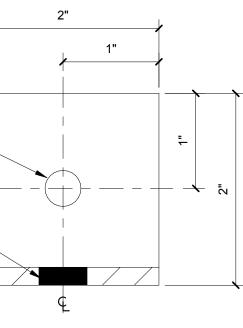
12/15/16

Project number

A5

Date

4 CALEVATION AT CRACK STITCHING REPAIR _ A5 / 1" = 1'-0"



ELEVATION

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