St. John's Evangelical Lutheran School

School Addition

Project Address

1278 Dewey Avenue

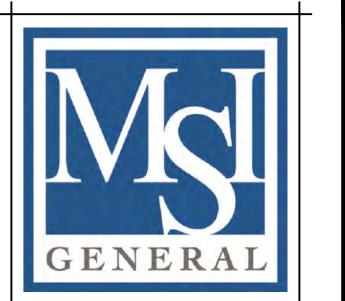
Wauwatosa, WI 53213

PROJECT NARRATIVE
St. John's Evangelical Lutheran School is proposing a 8,880 SF building addition to their existing school building to provide additional space for the early learning center with a new large activity room and storage on the lowest level. The school will then gain an additional 4 classrooms and some storage space on the main and upper level.





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MSI GENERAL CORPORATION P.O. BOX. 7 OCONOMOWOC, WI 53066 PHONE: 262-367-3661 FAX: 262-367-7390

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ISSUE DATES:	
Proposal:	xx/xx/xxxx
Contract:	xx/xx/xxxx
State Submittal / Permit:	xx/xx/xxxx
City Submittal:	06/07/2023
Design Review Board:	08/08/2023
Record Drawings:	xx/xx/xxxx
REVISIONS:	

ST. JOHN'S
WAUWATOSA

PROJECT ADDRESS.

PROJECT NAME
St. John's Evangelical Lutheran Sch.
STREET ADDRESS

1278 Dewey Ave. CITY/ STATE / ZIP Wauwatosa, WI 53213

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

Architect: Engineer: Reviewed By:
BJZ -- AMH
Sheet Title:
COVER SHEET
Sheet Number:
G-001
Project Number: --

ARCHITECTS

GENERAL

MSI GENERAL CORPORATION

OCONOMOWOC, WI 53066

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SINGLE SOURCE RESPONSIBILITY TM

PHONE: 262-367-3661

FAX: 262-367-7390

P.O. BOX. 7

ISSUE DATES:

State Submittal / Permit:

Contract:

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REVISIONS:

Record Drawings:

xx/xx/xxxx

xx/xx/xxxx

xx/xx/xxxx

06/07/2023

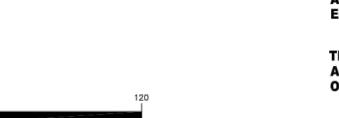
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MSI General St. John's Lutheran

West 50 feet of Lot 1, in **DOUGLAS HEIGHTS**, being in the Southeast 1/4 of Section 21 and the Northeast 1/4 of Section 28, in Township 7 North, Range 21 East, City of Wauwatosa, Milwaukee County, Wisconsin.

Lot 9 of ASSESSOR'S PLAT NO. 26 and Lots 1 and 2 of CHARLES FINGADO'S SUBDIVISION and the East 31.3 feet of Lot 1 of DOUGLAS HEIGHTS SUBDIVISION, being part of the Southeast 1/4 of Section 21, Town 7 North, Range 21 East, City of Wauwatosa, Milwaukee County, Wisconsin.

Lot 22 in FINGADO'S SUBDIVISION, of 9.66 Acres of land in the Southeast 1/4 of Section 21, in the Township 7 North, of Range 21 East, in the Third Ward of the City of Wauwatosa, excepting therefrom that portion thereof conveyed by deed recorded in Volume 598 of Deeds, on page 34 (#647352) to the Milwaukee Sanitarium Association and further excepting therefrom that portion of said Lot 22, conveyed by deed recorded in Volume 556 of Deeds, on page 289 (#591009) to Johanna Habenicht, also excepting therefrom the premises described in Deed Document #2343040.



(IN FEET)

1 inch = 30 ft.

I HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY. ITS EXTERIOR BOUNDARIES, THE LOCATION OF ALL VISIBLE STRUCTURES AND DIMENSIONS OF ALL PRINCIPAL BUILDINGS THEREON, BOUNDARY FENCES, APPARENT EASEMENTS AND ROADWAYS AND VISIBLE ENCROACHMENT, IF ANY.

THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT OWNERS OF THE PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THERETO WITHIN ONE (1) YEAR FROM THE DATE HEREOF.

Dennis C. Sauer Professional Land Surveyor S-2421

> SURVEY EXISTING SITE PLAN C-001

ST. JOHN'S WAUWATOSA

PROJECT ADDRESS:

St. John's Evangelical Lutheran Sch.

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MSI GENERAL MASTER SPECIFICATION

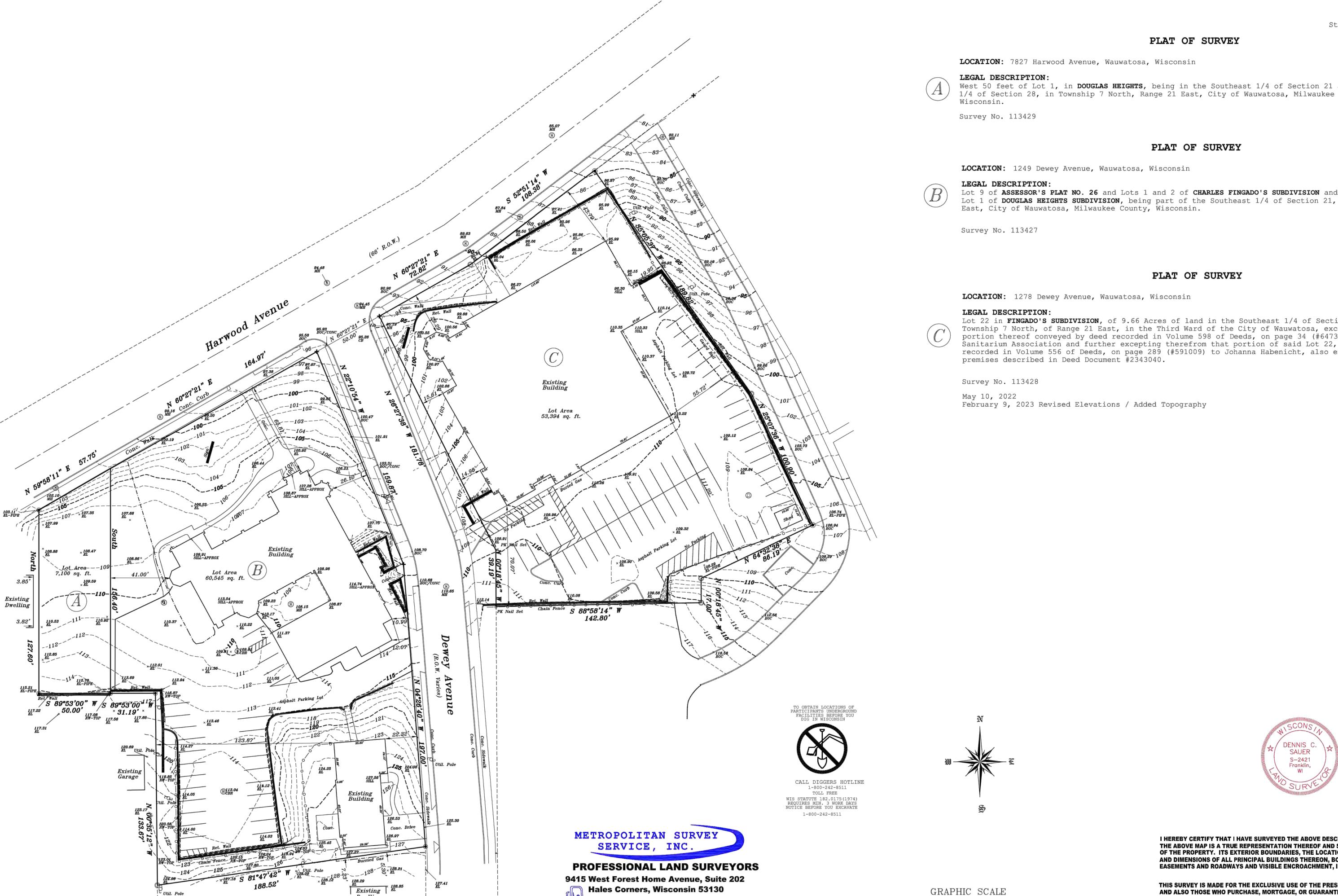
STREET ADDRESS

1278 Dewey Ave.

CITY/ STATE / ZIP

Wauwatosa, WI 53213

P13329 SURVEY/EXISTING SITE PLAN 1" = 30'-0"



PH. (414) 529-5380 survey@metropolitansurvey.com

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● — Denotes Iron Pipe Found

 \circ — Denotes Iron Pipe Set

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ISSUE DATES: XX/XX/XXXX XX/XX/XXXX XX/XX/XXXX XX/XX/XXXX State Submittal / Permit: XX/XX/XXXX ITY SUBMITTAL

REVISIONS:

13. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE TO REMAIN, THAT ARE DAMAGED BY THE CONTRACTORS, SHALL BE 14. CONTRACTOR SHALL NOTIFY JSD OF ANY ROOF LEADERS AND/OR STORM DRAIN LINES ENCOUNTERED DURING DEMOLITION WHICH ARE NOT SHOWN ON THE PLANS PRIOR TO

15. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE 16. ALL DEMOLITION SHALL BE IN ACCORDANCE WITH THE APPROVED MUNICIPALITY RECYCLING PLAN. 17. ANY CONTAMINATED SOILS SHALL BE REMOVED IN ACCORDANCE WITH FEDERAL AND STATE

REGULATIONS TO AN APPROVED LANDFILL. 18. EXISTING FIBER OPTIC LINE(S) TO BE CLEARLY MARKED PRIOR TO ANY EXCAVATION. CONTRACTOR TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF ANY DISCREPANCIES OCCUR IN THE LOCATION

SHOWN OR PROPOSED IMPROVEMENTS IMPACTING EXISTING FIBER OPTIC LINE(S) LOCATION(S).

DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., IN A LAWFUL MANNER, SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. THE CONTRACTOR IS

2. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING FOR ALL FEES AND CHARGES.

3. THIS PLAN INDICATES ITEMS ON THE PROPERTY INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE, "DIGGER'S HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE GROUND OBSERVATION, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S/BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE AND PROVIDE THEIR OWN DUE DILIGENCE TO INCLUDE IN THEIR BID WHAT ADDITIONAL ITEMS, IN THEIR OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR/BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE ENGINEER OF

RECORD. JSD PROFESSIONAL SERVICES, INC. (JSD) TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR

4. ALL PERIMETER EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF DEMOLITION ACTIVITIES. CONTRACTOR SHALL KEEP ALL STREETS, PRIVATE DRIVES AND PAVEMENT FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.

5. CONTRACTOR TO MAINTAIN CONTINUOUS ACCESS TO SURROUNDING PROPERTIES AND REMAINING PARTS OF THE EXISTING BUILDING AT ALL TIMES DURING THE DEMOLITION PHASE OF THE PROJECT.

6. ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND

7. PERFORM TREE PRUNING IN ALL LOCATIONS WHERE PROPOSED PAVEMENT AND/OR UTILITY INSTALLATION ENCROACH WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN. ALL

8. ALL LIGHT POLES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY. INCLUDING BASE AND ALL APPURTENANCES. SALVAGE FOR RELOCATION. COORDINATE RELOCATION AND/OR ABANDONMENT

10. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED PAVEMENT, WALK, ETC. OR

WITHIN 24" THEREOF SHALL BE FILLED AND BACKFILLED WITH GRANULAR MATERIALS AND

11.1. EXAMINE ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING

11.2. VERIFYING UTILITY ELEVATIONS AND NOTIFYING THE DESIGN ENGINEER OF ANY DISCREPANCIES.

11.4. NOTIFYING THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR

11.5. PERFORMING UTILITY LOCATE OBSERVATIONS (ULO) ON ALL UTILITY CROSSINGS. CONTRACTOR

NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.

11.3. NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.

DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE DESIGN ENGINEER

TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION

TO REPORT ANY PLAN DISCREPANCIES OR CONFLICTS PRIOR TO THE START OF UTILITY

CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE

OF ALL ELECTRIC LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.

9. ABANDONED/REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.

BY REPUTABLE TREE PRUNING SERVICE PRIOR TO ANY TRANSVERSE TRENCHING.

TRENCHING WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN SHALL BE DONE RADIALLY AWAY FROM THE TRUNK IF ROOTS IN EXCESS OF 1" DIAMETER ARE EXPOSED. ROOTS MUST BE CUT

RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.

COORDINATION REQUIRED PRIOR TO CONSTRUCTION.

OF WHICH THEY WOULD HAVE NO KNOWLEDGE.

STUMPS SHALL BE GROUND TO PROPOSED SUBGRADE.

11. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:

AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.

APPROPRIATE UTILITY COMPANIES TO CONDUCT ULO'S.

12. ALL EXISTING UTILITIES TO BE FIELD LOCATED AND FLAGGED BY CONTRACTOR.

REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

COMPACTED PER SPECIFICATIONS.

ABANDONMENT OR REMOVAL.

19. CONTRACTOR TO REMOVE EXISTING UTILITY PIPE/CONDUITS WITHIN BUILDING FOOTPRINT AND BACKFILL WITH MATERIALS PER GEOTECHNICAL REPORT.

20. CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS

REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS BUT IF ANY DAMAGE IS INCURRED ON ANY

OF THE SURROUNDING PAVEMENT, CURB, SIDEWALK, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S REMOVAL AND REPAIR. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.

21. RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION AND REMOVAL. THIS INCLUDES CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.

22. PROPOSED REMOVALS AND WORK IS SHOWN IN THE CITY RIGHT OF WAY. THE CONTRACTOR WILL NEED TO OBTAIN A CONSTRUCTION PERMIT PRIOR TO STARTING WORK.

23. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE

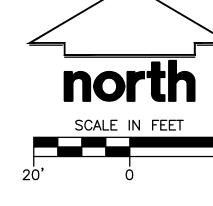
REMOVE/ABANDON EXISTING UTILITIES SAWCUT EXISTING PAVEMENT

PROTECT UTILITY STRUCTURE EXISTING VEGETATION TO BE

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(Ē	ELECTRICAL MANHOLE	 —— ST —		STORM SEWER
-	0	SIGN	 		ROOF DRAIN
	Ø	POWER POLE	 ——G—		UNDERGROUND GAS
	\prec	GUY WIRE	 ——Е—		UNDERGROUND ELECTRIC
(S	SANITARY SEWER MANHOLE	 —т—		UNDERGROUND TELEPHOI
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	×	WATER VALVE	19 J	CONIF	EROUS TREE
(GAS VALVE		DECID	UOUS TREE

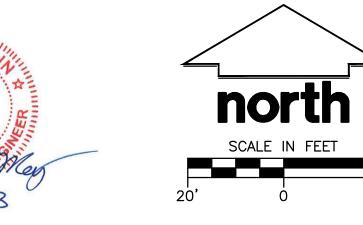
THE EXISTING CONDITIONS SURVEY PROVIDED BY CLIENT. JSD PROFESSIONAL SERVICES MAKES NO GUARANTEE ON THE ACCURACY OF THE SURVEY









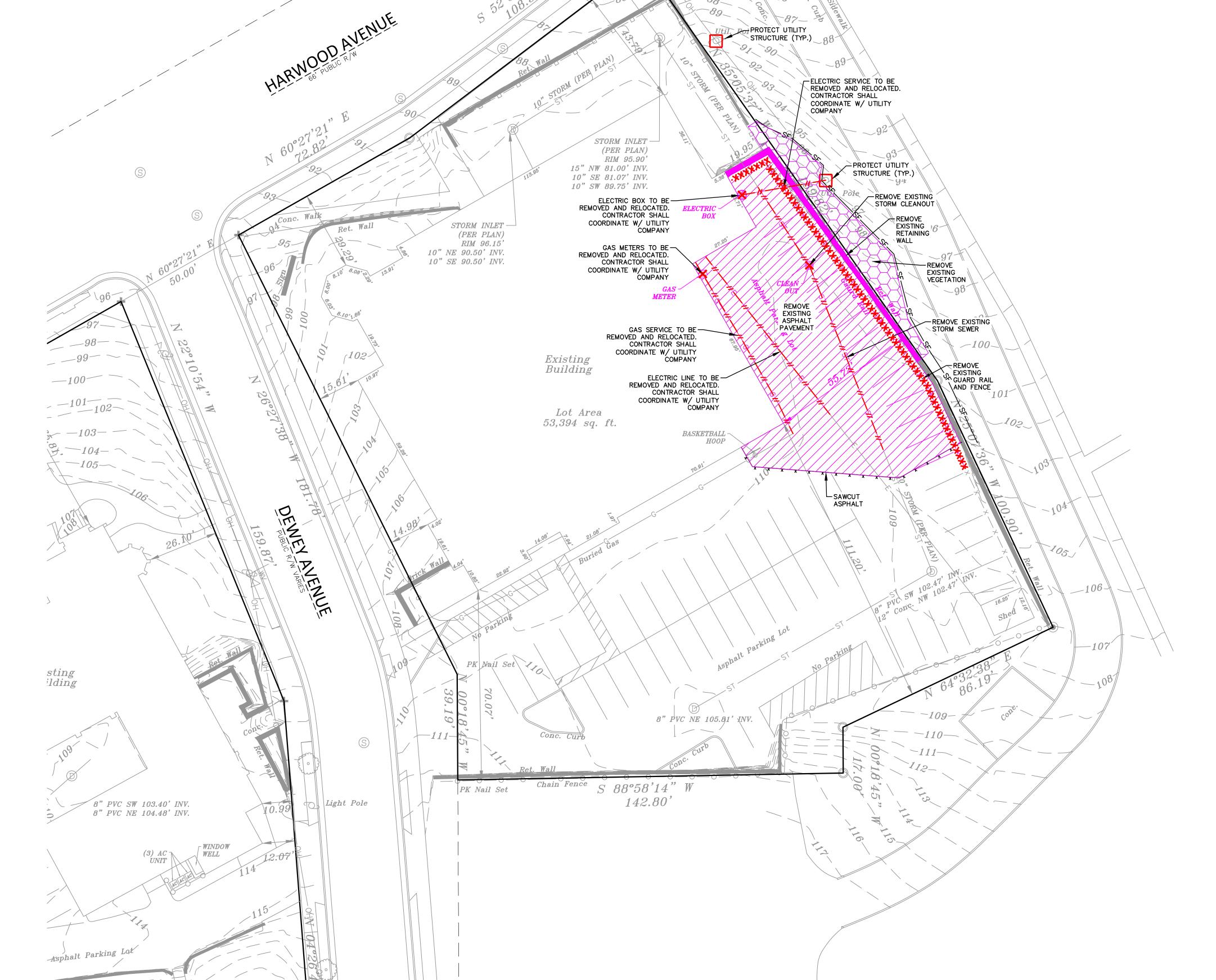


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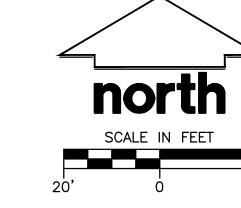


EXISTING ASPHALT PAVEMENT AND BASE TO BE REMOVED EXISTING FEATURE TO BE REMOVED

REMOVE UTILITY STRUCTURE

CIVIL SHEET INDEX C-100 DEMOLITION PLAN

C-200 SITE PLAN C-300 GRADING AND EROSION CONTROL PLAN C-400 DETAILS



(I) DEMOLITION PLAN 1"=20'-0"

DEMOLITION PLAN

Sheet Number:

C-100

WAUWATOSA

PROJECT ADDRESS:

St. John's Evangelical Lutheran School

ALL WORK TO BE COMPLETED AS SHOWN, AND IN

ACCORDANCE WITH THE LATEST EDITION OF THE

RWI

ARCHITECTS

PROJECT NAME

STREET ADDRESS 1278 Dewey Ave. CITY/ STATE / ZIP

Wauwatosa, WI 53213

PROJECT ADDRESS: PROJECT NAME St. John's Evangelical Lutheran School STREET ADDRESS 1278 Dewey Ave. CITY/ STATE / ZIP Wauwatosa, WI 53213

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

Reviewed By: APM RWI SITE PLAN

Sheet Number: C-200

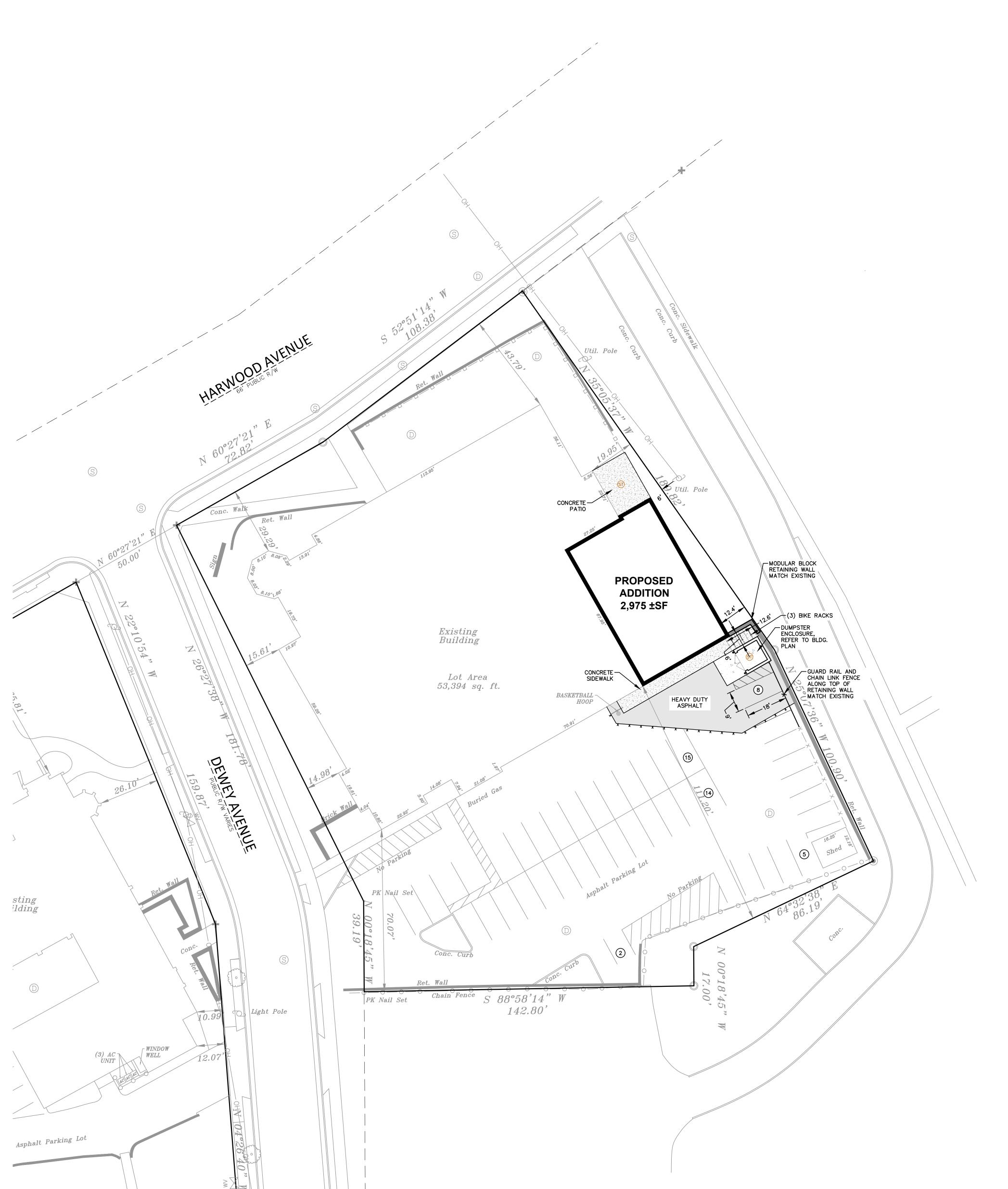
P13329

ARCHITECTS

JSD PROJ. NO.: 22-11646 JSD PROJ. MGR.: RWI

P. 262.513.0666

north



PAVING NOTES

2. CONCRETE PAVING SPECIFICATIONS-

- 1. ALL PAVING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & 1. THE INTENTION OF THE PLANS AND SPECIFICATIONS IS TO SET FORTH PERFORMANCE AND STRUCTURE CONSTRUCTION AND APPLICABLE CITY OF WAUWATOSA ORDINANCES. CONSTRUCTION MATERIAL STANDARDS FOR THE PROPER EXECUTION OF WORK. ALL WORKS CONTAINED STRUCTURE CONSTRUCTION AND APPLICABLE CITY OF WAUWATOSA ORDINANCES.
- CODES AND STANDARDS THE PLACING, CONSTRUCTION AND COMPOSITION OF THE CONCRET PAVEMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 415 AND 416 OF THE 2. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ANY ADDITIONAL SOILS INVESTIGATIONS THEY STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, FEEL IS NECESSARY FOR THE PROPER EVALUATION OF THE SITE FOR PURPOSES OF PLANNING, CURRENT EDITION. HEREAFTER, THIS PUBLICATION WILL BE REFERRED TO AS STATE HIGHWAY
- CRUSHED AGGREGATE BASE COURSE THE BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305, STATE HIGHWAY SPECIFICATIONS. CLEAN RECYCLED CRUSHED CONCRETE MAY BE USED IF APPROVED BY GEOTECH ENGINEER OF RECORD.
- SURFACE PREPARATION NOTIFY CONTRACTOR OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE
- 3. ASPHALTIC CONCRETE PAVING SPECIFICATIONS-
- CODES AND STANDARDS THE PLACING, CONSTRUCTION AND COMPOSITION OF THE ASPHALTIC BASE COURSE AND ASPHALTIC CONCRETE SURFACING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 450, 455, 460 AND 465 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, EDITION OF 2005. HEREAFTER, THIS PUBLICATION WILL BE REFERRED TO AS STATE HIGHWAY SPECIFICATIONS.
- WEATHER LIMITATIONS APPLY TACK COATS WHEN AMBIENT TEMPERATURE IS ABOVE 50° F (10° C) AND WHEN TEMPERATURE HAS NOT BEEN BELOW 35° F (1° C) FOR 12 HOURS IMMEDIATELY PRIOR TO APPLICATION. DO NOT APPLY WHEN BASE IS WET OR CONTAINS EXCESS AMOUNTS OF MOISTURE. CONSTRUCT ASPHALTIC CONCRETE SURFACE COURSE WHEN ATMOSPHERIC TEMPERATURE IS ABOVE 40° F (4° C) AND WHEN BASE IS DRY AND WHEN WEATHER IS NOT RAINY. BASE COURSE MAY BE PLACED WHEN AIR TEMPERATURE IS ABOVE 30° F $(-1^{\circ}$ C).
- GRADE CONTROL ESTABLISH AND MAINTAIN REQUIRED LINES AND ELEVATIONS FOR EACH COURSE CRUSHED AGGREGATE BASE COURSE - THE TOP LAYER OF BASE COURSE SHALL CONFORM TO SECTIONS 301 AND 305, STATE HIGHWAY SPECIFICATIONS. CLEAN RECYCLED CRUSHED CONCRETE MAY

 9. SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE PLANS OR SPECIFICATIONS BE DISCOVERED AFTER
 BE USED IF APPROVED BY GEOTECH ENGINEER OF RECORD.

 9. SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE PLANS OR SPECIFICATIONS BE DISCOVERED AFTER
 THE AWARD OF CONTRACT, ENGINEER SHALL BE NOTIFIED IN WRITING IMMEDIATELY AND CONSTRUCTION
- BINDER COURSE AGGREGATE THE AGGREGATE FOR THE BINDER COURSE SHALL CONFORM TO SECTIONS 460.2.7 AND 315, STATE HIGHWAY SPECIFICATIONS. SURFACE COURSE AGGREGATE - THE AGGREGATE FOR THE SURFACE COURSE SHALL CONFORM TO SECTIONS 460.2.7 AND 465, STATE HIGHWAY SPECIFICATIONS.

ASPHALTIC MATERIALS - THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460,

SURFACE PREPARATION - NOTIFY CONTRACTOR OF UNSATISFACTORY CONDITIONS. DO NOT BEGIN PAVING WORK UNTIL DEFICIENT SUBBASE AREAS HAVE BEEN CORRECTED AND ARE READY TO RECEIVE

PAVEMENT STRIPING NOTES

- 1. CONTRACTOR SHALL CONSULT STRIPING COLOR WITH OWNER PRIOR TO CONSTRUCTION.
- 2. PROVIDE CONTRACTOR GRADE ACRYLIC, STRIPING PAINT FOR NEW ASPHALT OR COATED ASPHALT. ALL STRIPING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 3. THOROUGHLY CLEAN SURFACES FREE OF DIRT, SAND, GRAVEL, OIL AND OTHER FOREIGN MATTER. CONTRACTOR RESPONSIBLE TO INSPECT PAVEMENT SURFACES FOR CONDITIONS AND DEFECTS THAT WILL ADVERSELY AFFECT QUALITY OF WORK, AND WHICH CANNOT BE PUT INTO AN ACCEPTABLE CONDITION THROUGH NORMAL PREPARATORY WORK AS SPECIFIED.
- 4. DO NOT PLACE MARKING OVER UNSOUND PAVEMENTS. IF THESE CONDITIONS EXIST, NOTIFY OWNER. STARTING INSTALLATION CONSTITUTES CONTRACTOR'S ACCEPTANCE OF SURFACE AS SUITABLE FOR
- 5. LAYOUT MARKINGS USING GUIDE LINES, TEMPLATES AND FORMS. STENCILS AND TEMPLATES SHALL BE PROFESSIONALLY MADE TO INDUSTRY STANDARDS. "FREE HAND" PAINTING OF ARROWS, SYMBOLS, OR WORDING SHALL NOT BE ALLOWED. APPLY STRIPES STRAIGHT AND EVEN.
- 6. PROTECT ADJACENT CURBS, WALKS, FENCES, AND OTHER ITEMS FROM RECEIVING PAINT.
- 7. APPLY MARKING PAINT AT A RATE OF ONE (1) GALLON PER THREE TO FOUR HUNDRED (300-400) LINEAL FEET OF FOUR (4) INCH WIDE STRIPES. (OR TO MFG. SPECIFICATIONS)
- 8. BARRICADE MARKED AREAS DURING INSTALLATION AND UNTIL THE MARKING PAINT IS DRIED AND READY
- 9. ALL HANDICAPPED ACCESSIBLE PARKING SHALL BE LOCATED PER 2009 IBC 1106.6

PAVEMENT THICKNESS NOTES

ALL PAVING SHALL CONFORM TO "STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION — CURRENT EDITION AND ADDENDUM, APPLICABLE CITY OF WAUWATOSA ORDINANCES, AND THE GEOTECHNICAL ENGINEERING SERVICES REPORT PREPARED BY CGC INC., DATED

** FINAL PAVEMENT DESIGN TO BE DETERMINED BY OWNER BASED ON GEOTECHNICAL ENGINEER OF RECORD RECOMMENDATIONS. ALL PAVING SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER OF RECORDS RECOMMENDATIONS AS SPECIFIED IN THE SAID GEOTECHNICAL REPORT. MINIMUM PAVEMENT STRUCTURE

CONCRETE PAVEMENT (TRASH PAD)

8" CONCRETE W/ MESH REINFORCEMENT 6" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE) CLEAN RECYCLED CRUSHED CONCRETE MAY BE USED IF APPROVED BY GÉOTECH ENGINEER OF RECORD.

HEAVY DUTY ASPHALT PAVEMENT

4-1/2" ASPHALTIC CONCRETE (2 LIFTS, 3" BINDER, 1-1/2" SURFACE) LOWER LAYER (2.25 BINDER, 4LT 58.28 S) UPPER LAYER (1.75" SURFACE, 5LT 58.28 S) 11" CRUSHED AGGREGATE BASE COURSE (1-1/4" DENSE GRADED LIMESTONE) CLEAN RECYCLED CRUSHED CONCRETE MAY BE USED IF APPROVED BY GEOTECH ENGINEER OF RECORD.

CONCRETE SIDEWALK, PATIO, AND STOOPS 5" CONCRETE 6" CRUSHED AGGREGATE BASE COURSE CLEAN RECYCLED CRUSHED CONCRETE MAY BE USED IF APPROVED BY GEOTECH ENGINEER OF RECORD.

PRE-DEVELOPMENT (PROPERTY* LIMIT): PERVIOUS - 10,316 SF (19.3% GREEN SPACE)

IMPERVIOUS - 43,078 SF

GENERAL NOTES AND SPECIFICATIONS

WITHIN THE PLANS AND SPECIFICATIONS SHALL BE COMPLETED IN ACCORDANCE WITH ALL REQUIREMENTS FROM LOCAL, STATE, FEDERAL OR OTHER GOVERNING AGENCY'S LAWS, REGULATIONS,

3. THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND UNDERSTAND ALL COMPONENTS OF THE PLANS

AND SPECIFICATIONS, INCLUDING FIELD VERIFYING SOIL CONDITIONS, PRIOR TO SUBMISSION OF A BID

THE CONTRACTOR SHALL PROMPTLY REPORT ANY ERRORS OR AMBIGUITIES DISCOVERED AS PART OF

5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPUTATION OF QUANTITIES AND WORK REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR'S BID SHALL BE BASED ON THEIR OWN

6. QUESTIONS/CLARIFICATIONS WILL BE INTERPRETED BY ENGINEER/OWNER PRIOR TO THE AWARD OF CONTRACT. ENGINEER/OWNER WILL SUBMIT OFFICIAL RESPONSES IN WRITING. INTERPRETATIONS

PRIOR TO START OF WORK, CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL CONDITIONS (

THE SITE, AND SHALL ACCOUNT FOR CONDITIONS THAT AFFECT, OR MAY AFFECT CONSTRUCTION

INCLUDING, BUT NOT LIMITED TO, LIMITATIONS OF WORK ACCESS, SPACE LIMITATIONS, OVERHEAD

OBSTRUCTIONS. TRAFFIC PATTERNS, LOCAL REQUIREMENTS, ADJACENT ACTIVITIES, ETC. FAILURE TO

B. COMMENCEMENT OF CONSTRUCTION SHALL EXPLICITLY CONFIRM THAT THE CONTRACTOR HAS REVIEWED THE PLANS AND SPECIFICATIONS IN THEIR ENTIRETY AND CERTIFIES THAT THEIR SUBMITTED BID PROPOSAL CONTAINS PROVISIONS TO COMPLETE THE PROJECT, WITH THE EXCEPTION OF UNFORESEEN

FIELD CONDITIONS; ALL APPLICABLE PERMITS HAVE BEEN OBTAINED; AND CONTRACTOR UNDERSTANDS

OF ITEMS AFFECTED BY THE DISCREPANCIES/CONFLICTS SHALL NOT COMMENCE, OR CONTINUE, UNTIL

BETWEEN REFERENCED CODES, STANDARDS, SPECIFICATIONS AND PLANS, THE ONE ESTABLISHING THE

COMPLETE THE PROJECT. OBTAINING PERMITS, OR DELAYS IN OBTAINING PERMITS, IS NOT CAUSE FOR

DELAY OF THE CONTRACT OR SCHEDULE. CONTRACTOR SHALL COMPLY WITH ALL PERMIT

A WRITTEN RESPONSE FROM ENGINEER/OWNER IS DISTRIBUTED. IN THE EVENT OF A CONFLICT

10. THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS AND LICENSES TO

11. THE CONTRACTOR SHALL NOTIFY ALL INTERESTED GOVERNING AGENCIES, UTILITY COMPANIES AFFECTED

12. SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE

13. CONTRACTOR SHALL KEEP THE JOBSITE CLEAN AND ORDERLY AT ALL TIMES. ALL LOCATIONS OF THE SITE SHALL BE KEPT IN A WORKING MANNER SUCH THAT DEBRIS IS REMOVED CONTINUOUSLY AND

14. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, JSD, AND THEIR AGENTS FROM ALL LIABILITY

INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.

15. ALL FIELD/DRAIN TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY

16. ALL WORK WITHIN CITY RIGHT-OF-WAY AND CITY EASEMENTS TO BE IN ACCORDANCE WITH CURRENT

17. LIMITS OF FINAL CITY STREET PAVEMENT AND CURB AND GUTTER REMOVAL AND REPLACEMENTS TO

18. PROPOSED PAVEMENT RESTORATION LIMITS IN CITY STREET FOR DRIVEWAY APPROACH REMOVALS ARE

19. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE

SHOWN ARE MINIMUM AREAS. THE CITY REQUIRES PAVEMENT PATCHES TO BE WIDTH TO MATCH

CITY STANDARD SPECIFICATIONS AND DETAILS. CONTRACTOR TO NOTIFY CITY ENGINEERING DEPT. 5

REPORTED TO ENGINEER/OWNER. TILES ORIGINATING OUTSIDE THE PROJECT LIMITS SHALL BE RECONNECTED OR REROUTED TO MAINTAIN DRAINAGE. ENGINEER/OWNER SHALL DETERMINE THE MOST FAVORABLE METHOD OF RE-ESTABLISHMENT OF OFFSITE DRAINAGE. IF TILE IS ENCOUNTERED DURING

TRENCH EXCAVATIONS, RE-ESTABLISHING TILE FUNCTIONALITY SHALL BE CONSIDERED AN INCIDENTAL

ALL RESPECTIVE CONTRACTORS OPERATE UNDER GENERAL "GOOD HOUSEKEEPING."

TO INITIATE, INSTITUTE, ENFORCE, MAINTAIN, AND SUPERVISE ALL SAFETY PRECAUTIONS AND JOB SITE

BY THIS CONSTRUCTION PROJECT, AND "DIGGER'S HOTLINE" IN ADVANCE OF CONSTRUCTION TO

COMPLY WITH ALL JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., PERMIT STIPULATIONS, AND OTHER APPLICABLE STANDARDS. CONTRACTOR IS RESPONSIBLE TO DETERMINE WHICH

PRESENTED IN OFFICIAL RESPONSES SHALL BE BINDING ON ALL PARTIES ASSOCIATED WITH THE CONTRACT. IN NO WAY SHALL WORD-OF-MOUTH DIALOG CONSTITUTE AN OFFICIAL RESPONSE.

COMPUTATIONS AND UNDER NO CIRCUMSTANCES BE BASED ON THE ENGINEER'S ESTIMATE.

JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., AND THE OWNER'S DIRECTION.

THEIR REVIEW OF PLANS, SPECIFICATIONS, REPORTS AND FIELD INVESTIGATIONS.

CONSIDER SITE CONDITIONS SHALL NOT BE CAUSE FOR CLAIM OF JOB EXTRAS.

ALL OF THE REQUIREMENTS OF THE PROJECT.

MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.

ORDINANCES/CODES/RULES/ETC. ARE APPLICABLE.

SAFETY PROGRAMS IN CONNECTION WITH THE WORK.

DAYS PRIOR TO WORK IN CITY RIGHT OF WAY.

LENGTH, OR TO CENTERLINE OF STREET.

BE MARKED BY CITY ENGINEERING STAFF IN FIELD.

BIDDING, OR CONSTRUCTING THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.

POST-DEVELOPMENT-THIS PHASE (PROPERTY* LIMIT): PERVIOUS - 10,957 SF (20.5% GREEN SPACE) IMPERVIOUS - 42,437 SF

* PROPERTY BASED ON SURVEY BY OTHER.

BIKE PARKING STALLS - 6

PRE-DEVELOPMENT ONSITE PARKING STALLS: TOTAL PARKING STALLS - 54 ADA PARKING STALLS - 3 STANDARD PARKING STALLS - 51 POST-DEVELOPMENT ONSITE PARKING STALLS: TOTAL PARKING STALLS - 44 ADA PARKING STALLS - 3 STANDARD PARKING STALLS - 41

LEGEND

(\$)	SANITARY SEWER MANHOLE		— SAN —		SANITARY SEWER
ST	STORM MANHOLE		W		WATER MAIN
\oplus	CATCH BASIN ROUND		— ST —		STORM SEWER
\blacksquare	CATCH BASIN SQUARE		—RD		ROOF DRAIN
Q	FIRE HYDRANT		—		UNDERGROUND GAS
M	WATER VALVE	_	—Е—		UNDERGROUND ELECTRIC
	GAS VALVE		—т—		UNDERGROUND TELEPHONE
X	LIGHT POLE		– FIB –		UNDERGROUND FIBER OPTIC
T	TELEPHONE PEDESTAL		— OH —		OVERHEAD UTILITY
E	ELECTRICAL MANHOLE		SF		SILT FENCE
-0-	SIGN		Z.	CONIFI	EROUS TREE
Ø	POWER POLE		The second		
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www.DiggersHotline.com



VEER

PROJECT ADDRESS

| St. John's Evangelical Lutheran School

ALL WORK TO BE COMPLETED AS SHOWN, AND IN

ACCORDANCE WITH THE LATEST EDITION OF THE

Engineer:

APM

GRADING & EROSION

CONTROL PLAN

Sheet Number:

Reviewed By

CHITE

PROJECT NAME

STREET ADDRESS

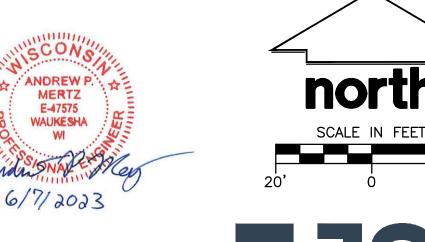
1278 Dewey Ave.

CITY/ STATE / ZIP

Wauwatosa, WI 53213

CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF GRADING. RESTORATION SHALL

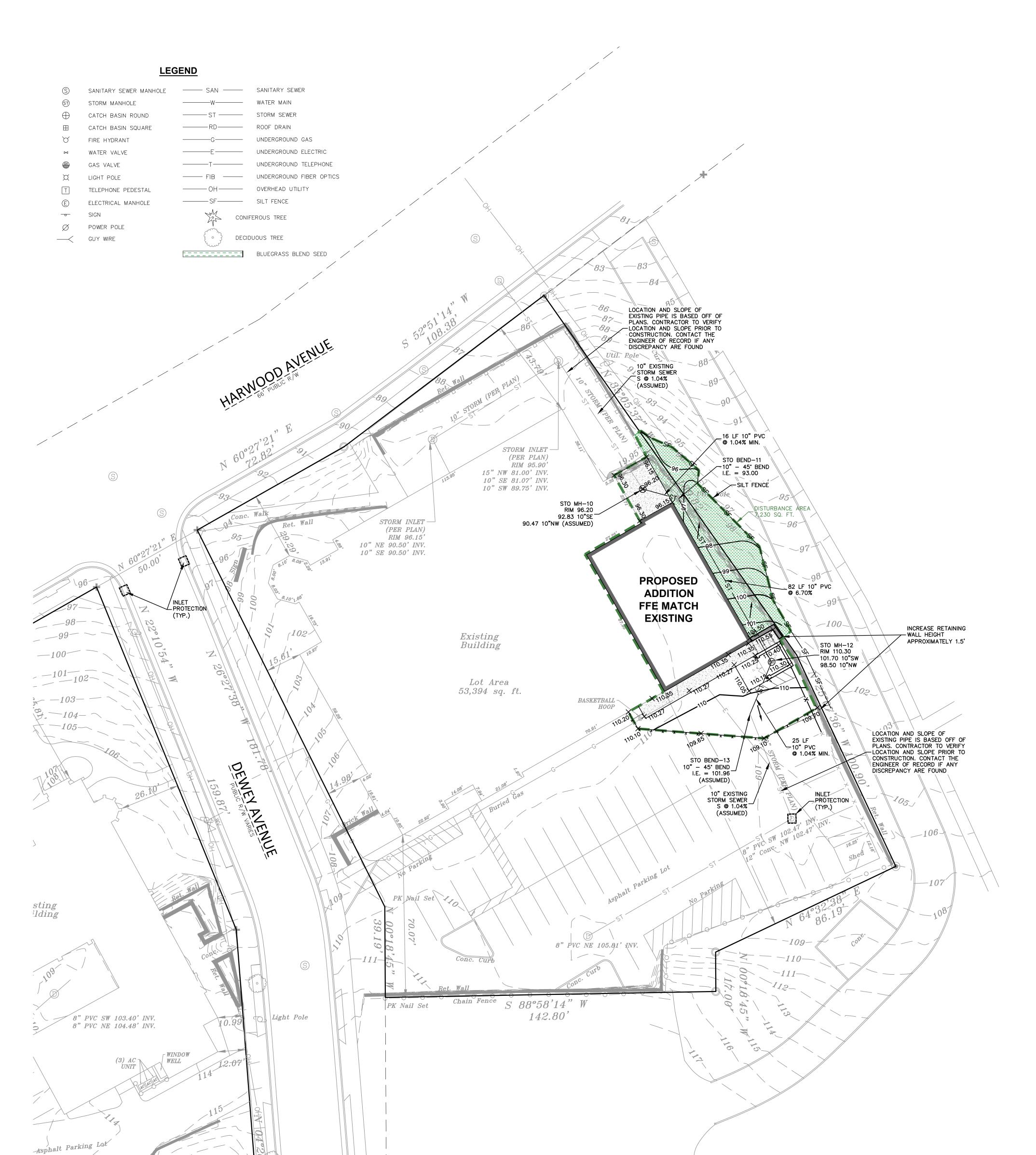
- AROUND PERIMETER OF STOCKPILE. CONSTRUCT PROPOSED BUILDING AND CONDUCT ROUGH GRADING EFFORTS.
- WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER THAT MEETS OR EXCEEDS THE MISCONSIN DEPARTMENT OF NATURAL RESOURCES DEFINITION OF 'FINAL STABILIZATION'. CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM 1 AS NEEDED TO COMPLETE CONSTRUCTION EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.





P. 262.513.0666 JSD PROJ. NO.: 22-11646

www.DiggersHotline.com JSD PROJ. MGR.: RWI GRADING & EROSION CONTROL PLAN



UTILITY NOTES

. EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND/OR TO AVOID DAMAGE THERETO. CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.

- 2. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN (WISCONSIN LATEST EDITION AND ADDENDUM) AND ALL STATE AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- 3. UTILITY CONSTRUCTION AND SPECIFICATIONS SHALL COMPLY WITH THE CITY OF WAUWATOSA MUNICIPAL CODE AND WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES DSPS 382.
- 4. TRACER WIRES SHALL BE INSTALLED AS NECESSARY IN ACCORD WITH 182.0715(2R) OF THE STATE STATUTES AND CITY OF WAUWATOSA REQUIREMENTS
- 5. LENGTHS OF PROPOSED UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS ARE SHOWN FOR CONTRACTOR CONVENIENCE ONLY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPUTATIONS OF MATERIALS REQUIRED TO COMPLETE WORK. LENGTHS
- SHALL BE FIELD VERIFIED DURING CONSTRUCTION.

BE NEENAH R-33228 WITH TYPE G GRATE, OR EQUAL.

UTILITY CONSTRUCTION.

CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT EXISTING UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH FINISHED GRADES OF THE AREAS DISTURBED DURING

CONTRACTOR SHALL FIELD VERIFY LOCATIONS, ELEVATIONS, AND SIZES OF PROPOSED UTILITIES AND

CHECK ALL UTILITY CROSSINGS FOR CONFLICTS PRIOR TO ATTEMPTING CONNECTIONS AND BEGINNING

STORM SEWER SPECIFICATIONS -PIPE - REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTO CLASS IV (MINIMUM) C-76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTO C-443; HIGH DENSITY 9. ALL NEW ON-SITE SANITARY, STORM AND WATER UTILITIES SHALL BE PRIVATELY OWNED AND DUAL-WALL POLYETHYLENE N-12 CORRUGATED PIPE (HDPE) SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION INLETS/CATCH BASINS - INLETS/CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NO. 25 OF THE "STANDARD SPECIFICATIONS" WITH A 1'-8" X 2'-6" MAXIMUM OPENING. FRAME &

BACKFILL AND BEDDING - STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".

MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE NEENAH R-1713 WITH TYPE "B" SELF SEALING LIDS, NON-ROCKING OR EQUAL FIELD TILE CONNECTION - ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATERIAL AS THE STORM SEWER.

MAINTAINED BY THE PROPERTY OWNER. M-294 TYPE "S", OR POLYVINYL CHLORIDE (PVC) - CLASS PS46 MEETING AASHTO M278, AS NOTED. 10. NOTIFY CITY PRIOR TO ANY UTILITY WORK IN THE RIGHT OF WAY AND ALL SANITARY SEWER 11. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE

GRATE SHALL BE NEENAH R-2504 WITH TYPE G GRATE, OR EQUAL. CURB FRAME & GRATE SHALL 12. THE PROPOSED STORM SEWER MANHOLE INSTALLATION WITHIN THE CITY RIGHT OF WAY REQUIRES FULL-TIME INSPECTION. ALL REQUIRED INSPECTION SHALL BE PAID FOR THE DEVELOPMENT.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL CONSTRUCTION SHALL ADHERE TO THE REQUIREMENTS SET FORTH IN WISCONSIN'S NATIONAL 1. SITE DEWATERING, WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OF POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER GENERAL PERMIT FOR CONSTRUCTION SITE LAND DISTURBANCE ACTIVITIES. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARDS (REFERRED TO AS BMP'S) AND CITY O WAUWATOSA ORDINANCE. THESE PROCEDURES AND STANDARDS SHALL BE REFERRED TO AS BEST 2. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, MANAGEMENT PRACTICES (BMP'S). IT IS THE RESPONSIBILITY OF ALL CONTRACTORS ASSOCIATED WITH THE PROJECT TO OBTAIN A COPY OF, AND UNDERSTAND, THE BMP'S PRIOR TO THE START OF

2. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL CONTROL MEASURES AS DIRECTED BY JSD PROFESSIONAL SERVICES, INC. OR GOVERNING

AGENCIES SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST. 3. MODIFICATIONS TO THE APPROVED EROSION CONTROL PLAN IN ORDER TO MEET UNFORESEEN FIELD CONDITIONS ARE ALLOWED IF MODIFICATIONS CONFORM TO BMP'S. ALL MODIFICATIONS MUST BE APPROVED BY JSD/MUNICIPALITY PRIOR TO DEVIATION OF THE APPROVED PLAN.

4. INSTALL PERIMETER EROSION CONTROL MEASURES (SUCH AS SILT FENCE AND EXISTING INLET PROTECTION) PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE COVER, AS SHOWN ON PLAN IN ORDER TO PROTECT ADJACENT PROPERTIES/STORM SEWER SYSTEMS 5. ALL ACTIVITIES ON THE SITE SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AREA FROM SEDIMENT TRANSPORT

5. PAVED SURFACES ADJACENT TO CONSTRUCTION ENTRANCES SHALL BE SWEPT AND/OR SCRAPED TO 6. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY REMOVE ACCUMULATED SOIL, DIRT AND/OR DUST AFTER THE END OF EACH WORK DAY AND AS REQUESTED BY THE GOVERNING AGENCIES.

6. ALL EXISTING STORM SEWER FACILITIES THAT WILL COLLECT RUNOFF FROM DISTURBED AREAS SHALL BE PROTECTED TO PREVENT SEDIMENT DEPOSITION WITHIN STORM SEWER SYSTEMS. INLET PROTECTION SHALL BE IMMEDIATELY FITTED AT THE INLET OF ALL INSTALLED STORM SEWER. ALL INLETS,

STRUCTURES, PIPES, AND SWALES SHALL BE KEPT CLEAN AND FREE OF SEDIMENTATION AND DEBRIS. 7. EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.) OUTSIDE OF THE PERIMETER CONTROLS SHALL INCORPORATE THE FOLLOWING PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENC

 DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH BMP'S PRIOR TO RELEASE INTO STORM SEWER OR DITCHES. 8. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED 9. NOTIFY THE CITY ENGINEERING DEPARTMENT (479-8934) WITHIN TWO WORKING DAYS OF COMMENCING AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING

BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.

CONSTRUCTION. THE OWNER WILL BE RESPONSIBLE IF EROSION CONTROL IS REQUIRED AFTER THE 9. TOPSOIL STOCKPILES SHALL HAVE A BERM OR TRENCH AROUND THE CIRCUMFERENCE AND PERIMETER

SILT FENCE TO CONTROL SILT. IF TOPSOIL STOCKPILE REMAINS UNDISTURBED FOR MORE THAN

10. EROSION CONTROL MEASURES TEMPORARILY REMOVED FOR UNAVOIDABLE CONSTRUCTION ACTIVITIES SHALL BE IN WORKING ORDER PRIOR TO THE COMPLETION OF EACH WORK DAY. 11. MAINTAIN SOIL EROSION CONTROL DEVICES THROUGH THE DURATION OF THIS PROJECT. ALL 13. INSPECT THE BEST MANAGEMENT PRACTICES AFTER EACH RAIN OF 0.5 INCH OR MORE AND AT LEAST TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. DISTURBANCES ASSOCIATED WITH EROSION CONTROL REMOVAL SHALL BE 14. KEEP A COPY OF THE EROSION CONTROL PLAN ON THE SITE.

SEVEN (7) DAYS, TEMPORARY SEEDING AND STABILIZATION IS REQUIRED.

IMMEDIATELY STABILIZED. 12. PUMPS MAY BE USED AS BYPASS DEVICES. IN NO CASE SHALL PUMPED WATER BE DIVERTED OUTSIDE THE PROJECT LIMITS.

13. GRADING EFFORTS SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. EROSION AND SEDIMENT CONTROL MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES. ALL DISTURBED AREAS THAT WILL NOT BE WORKED FOR A PERIOD OF THIRTY (30) DAYS REQUIRE TEMPORARY SEEDING FOR EROSION CONTROL. SEEDING 2 FOR EROSION CONTROL SHALL BE IN ACCORDANCE WITH TECHNICAL STANDARDS.

14. ALL DISTURBED SLOPES EXCEEDING 4:1 YET LESS THAN 3:1, SHALL BE STABILIZED WITH NORTH 3. AMERICAN GREEN S75BN EROSION MATTING (OR APPROVED EQUAL) AND DISTURBED SLOPES EXCEEDING 3:1 YET LESS THAN 2:1 SHALL BE STABILIZED WITH NORTH AMERICAN GREEN C125BN (OR APPROVED EQUAL) OR APPLICATION OF AN APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED. EROSION MATTING AND/OR NETTING USED ONSITE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.

15. DURING PERIODS OF EXTENDED DRY WEATHER, THE CONTRACTOR SHALL KEEP A WATER TRUCK ON SITE FOR THE PURPOSE OF WATERING DOWN SOILS WHICH MAY OTHERWISE BECOME AIRBORNE. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING WIND EROSION (DUST) DURING CONSTRUCTION AT

16. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE VISUALLY INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM ON A DAILY BASIS.

17. QUALIFIED PERSONNEL (PROVIDED BY THE GENERAL/PRIME CONTRACTOR) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED AND EROSION AND SEDIMENT CONTROLS WITHIN 24 HOURS OF ALL 0.5-INCH, OR MORE, PRECIPITATION EVENTS WITH A MINIMUM INSPECTION INTERVAL OF ONCE EVERY SEVEN (7) CALENDAR DAYS IN THE ABSENCE OF A QUALIFYING RAIN OR SNOWFALL EVENT. REPORTING SHALL BE IN ACCORDANCE WITH PART IV D.4. (a-f). OF THE NPDES GENERAL PERMIT. CONTRACTOR SHALL IMMEDIATELY ARRANGE TO HAVE ANY DEFICIENT ITEMS REVEALED DURING INSPECTIONS REPAIRED/REPLACED.

18. THE FOLLOWING MAINTENANCE PRACTICES SHALL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. UPON IDENTIFICATION, DEFICIENCIES IN STORMWATER CONTROLS SHALL BE ADDRESSED IMMEDIATELY. THE MAINTENANCE PROCEDURES FOR THIS DEVELOPMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE BELOW.

 SILT FENCE — REPAIR OR REPLACE ANY DAMAGED FILTER FABRIC AND/OR STAKES. REMOVE ACCUMULATED SEDIMENT WHEN IT HAS REACHED ONE—HALF THE ABOVE GROUND HEIGHT OF THE • <u>EROSION CONTROL MATTING</u> — REPAIR MATTING IMMEDIATELY IF INSPECTION REVEALS BREACHED OR FAILED CONDITIONS. REPAIR AND RE-GRADE SOIL WHERE CHANNELIZATION HAS OCCURRED. • <u>DIVERSION</u> <u>BERM/SWALE</u> — REPLACE OR RE—COMPACT THE CONSTRUCTION MATERIALS AS

• INLET PROTECTION — CLEAN, REPAIR OR REPLACE FILTER FABRIC AND/OR STONE WHEN CONTROL MEASURE IS CLOGGED. INLET FILTER BAGS SHALL BE REPLACED ONCE BAG BECOMES ONE—HALF

ADDITIONAL POLLUTANT CONTROL MEASURES TO BE IMPLEMENTED DURING CONSTRUCTION ACTIVITIES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING.

CONSTRUCTION WASTE SHALL BE PROPERLY DISPOSED OF. THIS INCLUDES ALL CONSTRUCTION SITE WASTE MATERIAL, SANITARY WASTE, AND WASTE FROM VEHICLE TRACKING OF SEDIMENTS. THE CONTRACTOR SHALL ENSURE THAT NO MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALI BE BURIED, DUMPED, BURNED, OR DISCHARGED TO THE WATERS OF THE STATE. VEHICLE HAULING MATERIAL AWAY FROM THE SITE SHALL BE COVERED WITH A TARPAULIN TO PREVENT BLOWING DEBRIS. DUST CONTROL SHALL BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING METHODS:

COVERING 30% OR MORE OF THE SOIL SURFACE WITH A NON-ERODIBLE MATERIAL. . ROUGHENING THE SOIL TO PRODUCE RIDGES PERPENDICULAR TO THE PREVAILING WIND. RIDGES SHALL BE AT LEAST SIX (6) INCHES IN HEIGHT. FREQUENT WATERING OF EXCAVATION AND FILL AREAS. D. PROVIDING GRAVEL OR PAVING AT ENTRANCE/EXIT DRIVES, PARKING AREAS AND TRANSIT

STREET SWEEPING SHALL BE PERFORMED TO IMMEDIATELY REMOVE ANY SEDIMENT TRACKED ON 21. NOTIFY THE CITY OF WAUWATOSA ENGINEERING DEPARTMENT ONCE ALL EROSION CONTROL IS INSTALLED FOR CITY INSPECTION AND APPROVAL PRIOR TO STARTING CONSTRUCTION ACTIVITIES.

22. REMOVE EROSION CONTROL DEVICES AFTER SITE IS FULLY ESTABLISHED AND THERE IS NO CHANCE

EROSION CAN TAKE PLACE. 23. CONTRACTOR SHALL NOTIFY THE CITY OF WAUWATOSA OF ALL CHANGES TO THE EROSION CONTROL PLAN. CITY OF WAUWATOSA SHALL REVIEW AND APPROVE ALL CHANGES PRIOR TO COMMENCING

24. CONTRACTOR SHALL NOTIFY THE CITY OF WAUWATOSA WHEN THE SITE IS FULLY ESTABLISHED AND READY FOR FINAL INSPECTION. UPON CITY'S APPROVAL OF SITE, CONTRACTOR SHALL BE PERMITTED TO REMOVE ALL EROSION CONTROL.

25. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE

SEEDING NOTES

1. GENERAL: ALL WORK IN THE R-O-W AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES 4. COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UTILITIES. CONTRACTOR MUST CALL 1-800-242-8511 FOR UTILITY LOCATIONS AT LEAST THREE DAYS PRIOR TO DIGGING. HAND DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES. 5. PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROLS. PROTECT PREVIOUSLY INSTALLED WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND 6. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.

2. MATERIALS - BLUEGRASS SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHAL RECEIVE 6" OF TOPSOIL AND EARTH CARPET'S "MADISON PARKS" GRASS SEED, OR EQUIVALENT AS APPROVED BY THE OWNER'S REPRESENTATIVE, INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION TO TURFGRASS SEED, ANNUAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1 1/2 LBS PER 1000 SQUARE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS. MULCH SHALL BE CERTIFIED NOXIOUS WEED SEED-FREE

3. MATERIALS - TOPSOIL: TOPSOIL TO BE CLEAN, FRIABLE LOAM FROM A LOCAL SOURCE, FREE FROM STONES OR DEBRIS OVER 3/4" IN DIAMETER, AND FREE FROM TOXINS OR OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL HAVE A pH VALUE BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL SHALL BE TESTED TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. PROVIDE TEST RESULTS TO OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL LANDSCAPE AREAS PER SOIL TEST.

4. CLEANUP: THE WORK AREA SHALL BE KEPT SAFE AND NEAT AT ALL TIMES. DISPOSED OF EXCESS SOIL. REMOVE ALL CUTTINGS AND WASTE MATERIALS. SOIL AND BRANCHES. BIND AND WRAP THESE MATERIALS, ANY REJECTED PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND PROMPTLY CLEAN UP AND REMOVE FROM THE PROJECT SITE. UNDER NO CIRCUMSTANCES SHALL THE ACCUMULATION OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC PROPERTY IN SUCH A MANNER AS TO RESULT IN A PUBLIC SAFETY HAZARD OR DAMAGE. LIKEWISE UNDER NO CIRCUMSTANCES SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON

MSI GENERAL CORPORATION P.O. BOX. 7

TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED. ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.

10. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION. 1. OBTAIN PERMISSION IN WRITING FROM THE CITY OF WAUWATOSA ENGINEERING DEPARTMENT PRIOR TO

CITY OF WAUWATOSA EROSION CONTROL NOTES

THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.

PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.

OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE BMP HANDBOOK.

SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.

3. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS

SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC

PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED

STREET CLEANING, TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY.

FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OF

SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT

DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE

TEMPORARY OR PERMANENT SEEDING. TEMPORARY OR PERMANENT SEEDING AND MULCHING. SODDING

COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING II ISED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.

. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY

8. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS,

DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILES. IF REMAINING FOR MORE THAN SEVEN DAYS, PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS OR OTHER

SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF—SITE SEDIMENT

OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE WISCONSIN CONSTRUCTION SITE

BEST MANAGEMENT PRACTICES (BMP) HANDBOOK. WATER MAY NOT BE DISCHARGED IN A MANNER

DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE

12. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.

ONCE EACH WEEK AND MAKE NEEDED REPAIRS.

GRADING NOTES

DEPICTED IN THE PLANS.

END OF THE WORK DAY.

OF BARE SOIL EXPOSED AT ANY ONE TIM

MODIFYING THE EROSION CONTROL PLAN.

. CONTRACTOR SHALL VERIFY ALL GRADES, ENSURE ALL AREAS DRAIN PROPERLY AND REPORT ANY DISCREPANCIES TO JSD PROFESSIONAL SERVICES, INC. PRIOR TO THE START OF ANY CONSTRUCTION

. ALL EXISTING CONTOURS REPRESENT EXISTING SURFACE GRADES UNLESS OTHERWISE NOTED. ALL PROPOSED GRADES SHOWN ARE FINISH SURFACE GRADES UNLESS OTHERWISE NOTED. 3. ALL EXCAVATIONS AND MATERIAL PLACEMENT SHALL BE COMPLETED TO DESIGN ELEVATIONS AS

CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATION(S) OF ALL GRADING QUANTITIES. WHILE JSD ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCE EARTHWORK, GRADING DESIGN IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARD OF CARE, THEREFORE NO GUARANTEE CAN BE MADE FOR A BALANCED SITE. THE CONTRACTOR MAY SOLICIT APPROVAL FROM ENGINEER/OWNER TO ADJUST FINAL GRADES FROM DESIGN GRADES TO PROVIDE AN OVERALL SITE BALANCE AS A RESULT OF FIELD

4. GRADING ACTIVITIES SHALL BE IN A MANNER TO ALLOW POSITIVE DRAINAGE ACROSS DISTURBED SOILS. WHICH MAY INCLUDE EXCAVATION OF TEMPORARY DITCHES TO PREVENT PONDING, AND IF NECESSARY PUMPING TO ALLEVIATE PONDING. CONTRACTOR SHALL PREVENT SURFACE WATER FROM ENTERING INTO EXCAVATIONS. IN NO WAY SHALL OWNER BE RESPONSIBLE FOR REMEDIATION OF UNSUITABLE SHALL SEQUENCE GRADING ACTIVITIES TO LIMIT EXPOSURE OF DISTURBED SOILS DUE TO WEATHER.

THE CONTRACTOR IS RESPONSIBLE FOR MEETING MINIMUM COMPACTION STANDARDS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL ENGINEERING SERVICES REPORT PREPARED BY _____ AND DATED _ REQUIREMENTS. THE CONTRACTOR SHALL NOTIFY ENGINEER/OWNER IF PROPER COMPACTION CANNOT BE OBTAINED. THE PROJECT'S GEOTECHNICAL CONSULTANT SHALL DETERMINE WHICH IN-SITU SOILS ARE TO BE CONSIDERED UNSUITABLE SOILS. THE ENGINEER/OWNER AND GEOTECHNICAL TESTING CONSULTANT WILL DETERMINE IF REMEDIAL MEASURES WILL BE NECESSARY.

. IN THE EVENT THAT ANY MOISTURE-DENSITY TEST(S) FAIL TO MEET SPECIFICATION REQUIREMENTS, THE CONTRACTOR SHALL PERFORM CORRECTIVE WORK AS NECESSARY TO BRING THE MATERIAL INTO COMPLIANCE AND RETEST THE FAILED AREA AT NO COST TO THE OWNER.

. WITH THE AUTHORIZATION OF THE ENGINEER/OWNER, MATERIAL THAT IS TOO WET TO PERMIT PROPER COMPACTION MAY BE SPREAD ON FILL AREAS IN AN EFFORT TO DRY. CONTRACTOR SHALL CLEARLY FIELD MARK THE EXTERIOR LIMITS OF SPREAD MATERIAL WITH PAINTED LATH AND SUBMIT A PLAN TO THE ENGINEER/OWNER THAT IDENTIFIES THE LIMITS. UNDER NO CONDITION SHALL THE SPREAD MATERIAL DEPTH EXCEED THE MORE RESTRICTIVE OF: THE EFFECTIVE TREATMENT DEPTH OF MACHINERY THAT WILL BE USED TO TURNOVER THE SPREAD MATERIAL; OR THE MAXIMUM COMPACTION

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER/OWNER IF GROUNDWATER IS ENCOUNTERED 9. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ADEQUATE AND SAFE

TEMPORARY SHORING, BRACING, RETENTION STRUCTURES, AND EXCAVATIONS.

10. THE SITE SHALL BE COMPLETED TO WITHIN $0.10-{
m FT}$ (+/-) OF THE PROPOSED GRADES AS INDICATED WITHIN THE PLANS PRIOR TO PLACEMENT OF TOPSOIL OR STONE. CONTRACTOR IS ENCOURAGED TO SEQUENCE CONSTRUCTION SUCH THAT THE SITE IS DIVIDED INTO SMALLER AREAS TO ALLOW TABILIZATION OF DISTURBED SOILS IMMEDIATELY UPON COMPLETION OF INDIVIDUAL SMALLER AREAS. . CONTRACTOR SHALL CONTACT "DIGGER'S HOTLINE" FOR LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES AND SHALL BE RESPONSIBLE FOR PROTECTING SAID UTILITIES FROM ANY DAMAGE DURING CONSTRUCTION.

12. CONTRACTOR SHALL PROTECT INLETS AND ADJACENT PROPERTIES WITH SILT FENCING OR APPROVED EROSION CONTROL METHODS UNTIL CONSTRUCTION IS COMPLETED. CONTRACTOR SHALL PLACE SILT FENCING AT DOWN SLOPE SIDE OF GRADING LIMITS.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING FACILITIES OR UTILITIES. ANY DAMAGE SHALL BE REPAIRED TO THE OWNER SATISFACTION AT THE EXPENSE OF THE CONTRACTOR. 14. WORK WITHIN ANY ROADWAY RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPAL OFFICIAL PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FEES. GRADING WITHIN RIGHT-OF-WAY IS SUBJECT TO APPROVAL BY SAID OFFICIALS. RESTORATION OF RIGHT-OF-WAY IS

INCLUDE ALL ITEMS NECESSARY TO RESTORE RIGHT-OF-WAY IN-KIND INCLUDING LANDSCAPING. 15. CONTRACTOR SHALL COMPLY WITH ALL CITY AND/OR STATE CONSTRUCTION STANDARDS/ORDINANCES. 16. THE STORM WATER FACILITY SHALL BE INSPECTED BY A CITY OF WAUWATOSA INSPECTOR AT LEAST

ONCE DURING CONSTRUCTION AND ONCE AFTER FINAL SITE STABILIZATION OF THE SITE. 17. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY REQUIRES A STREET OCCUPANCY PERMIT FROM THE

CONSTRUCTION SITE SEQUENCING

1. INSTALL PERIMETER SILT FENCE AND EXISTING INLET PROTECTION

2. DEMOLISH EXISTING PAVEMENT AND RETAINING. STRIP AND STOCKPILE TOPSOIL, INSTALL SILT FENCE

PAVEMENTS, WALKS, ETC.





Call 811 or (800) 242-8511 Milwaukee Area (262) 432-7910 Hearing Impaired TDD (800) 542-2289

	REVISIONS SCEEDU	ILE
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No.	Revision	Date

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GIRAFFE ELECTRIC II, INC.

2025 S WEST AVENUE WAUKESHA, WI 262-549-6500

FAX 262-549-6503 PROJECT ADDRESS:

ST. JOHN'S EV. LUTHERAN SCHOOL 1278 DEWEY AVE. WAUWATOSA, W 53213

DATE: 6/5/23

DRAWN BY: JDG REVISIONS: DATE:

SHEET NUMBER: E-5-0

SHEET TITLE:
SITE LIGHTING PHOTOMETRICS PLAN PROJECT NUMBER:

SCALE: 1"=20'-0"

S 52 108.38 Conc. Car. Car. Car. Car. Car. Car. Car. Car	
(66' R.O.W.)	
19.95 13.96 13.96 Conc. Walk	
NY 60° 27', 21', BY SE STORY S	
Existing Building	
Lot Area 53,394 sq. ft. BASKETBALL HOOP 5.1 4.7 3.9 3.5 1.2 0.5 0.7 0.2 0.1 5.6 4.1 4.4 4.4 4.9 4.5 3.9 3.4 2.7 1.1 0.5 0.3 0.1	
26.10 26.10 3.7 4.1 4.2 4.1 4.0 3.9 3.6 5.6 2.1 1.3 5.5 5.4 5.1 5.0 5.0 1.5 5.4 5.1 5.0 5.4 5.1 5.1 5.1 5.6 5.4 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	
1 2.0 3.0 3.0 3.1 3.2 3.1 2.9 2.7 2.4 2.2 2.0 1.7 1.4 1.1 5.8 5.6 5.5 5.4 5.1 5.1 Parking 7 3.0 3.0 3.0 3.1 5.2 2.5 5.6 2.2 2.6 5.5 5.4 5.2 2.0 1.7 1.4 1.1 5.8 5.6 5.5 5.4 5.1 5.1 1.1PK Nail Set 8 2.2 2.5 5.6 1.6 1.6 1.6 1.6 1.6 1.5 1.4 1.3 1.2 1.0 5.8 5.4 5.2 5.1 5.1 2.0 1.7 1.4 1.1 5.8 5.6 5.5 5.4 5.1 5.1 1.1PK Nail Set 8 2.2 2.5 5.6 1.6 1.6 1.6 1.6 1.6 1.5 1.4 1.3 1.2 1.0 5.8 5.4 5.5 5.4 5.5 5.4 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	
Conc. Curb Conc. Curb 1.2 1.2 1.3 1.2 1.2 1.1 1.0 0.9 0.9 0.6 0.5 0.4 0.3 0.2 Conc. Curb 1.3 1.2 1.2 1.1 1.0 0.9 0.9 0.6 0.5 0.4 0.3 0.2 Conc. Curb No. 6	
(3) AC WINDOW WELL 12.07' TO WELL 12	
W. Varies)	
One Conc. Conc. Side walk. One Conc. Side walk. One Conc. Side walk.	
OH Reveals 1	
H——OH Burried GasoH—OH	

						ST. JOHN'S WAUWATOSA				
GE SEE	VOLTAGE	MOUNTING HEIGHT	CEILING TYPE	LAMP DATA I TYPE	QTY	FIXTURE SCHEDULE LIGHTING FIXTURE LIGHTING FIXTURE	MAKE	DESCRIPTION	SYMBOL/TYPE	QTY
V 1	UNV	25'-0"AFG		90W EACH LED		DSXO LED P5 40K 70CRI LCCO MVOLT WBA DDBXD	LITHONIA	LED WALL PACK	OA 🔀	1
2								EXISTING LED WALL PACK	EX 🔀	4

LIGHTING NOTES:

MULTIPLE PARTS ARE NEEDED TO ASSEMBLE AS A COMPLETE FIXTURE.
 SEE INSTALLATION INSTRUCTIONS
 EXISTING WALL LIGHT ADDED INTO CALCULATION FOR REPRESENTATION OF CONTRIBUTED LIGHT

UNDERGROUND NOTES:

Calculation Cummany							
Calculation Summary Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site	Illuminance	Fc	1.51	5.3	0.0	N.A.	N.A.

DISCLAIMER: CALCULATIONS HAVE BEEN PERFORMED ACCORDING TO IESNA & CIE STANDARDS AND GOOD PRACTICE.

SOME DIFFERENCES BETWEEN MEASURED VALUES AND CALCULATED RESULTS MAY OCCUR DUE TO TOLERANCES IN CALCULATION METHODS,

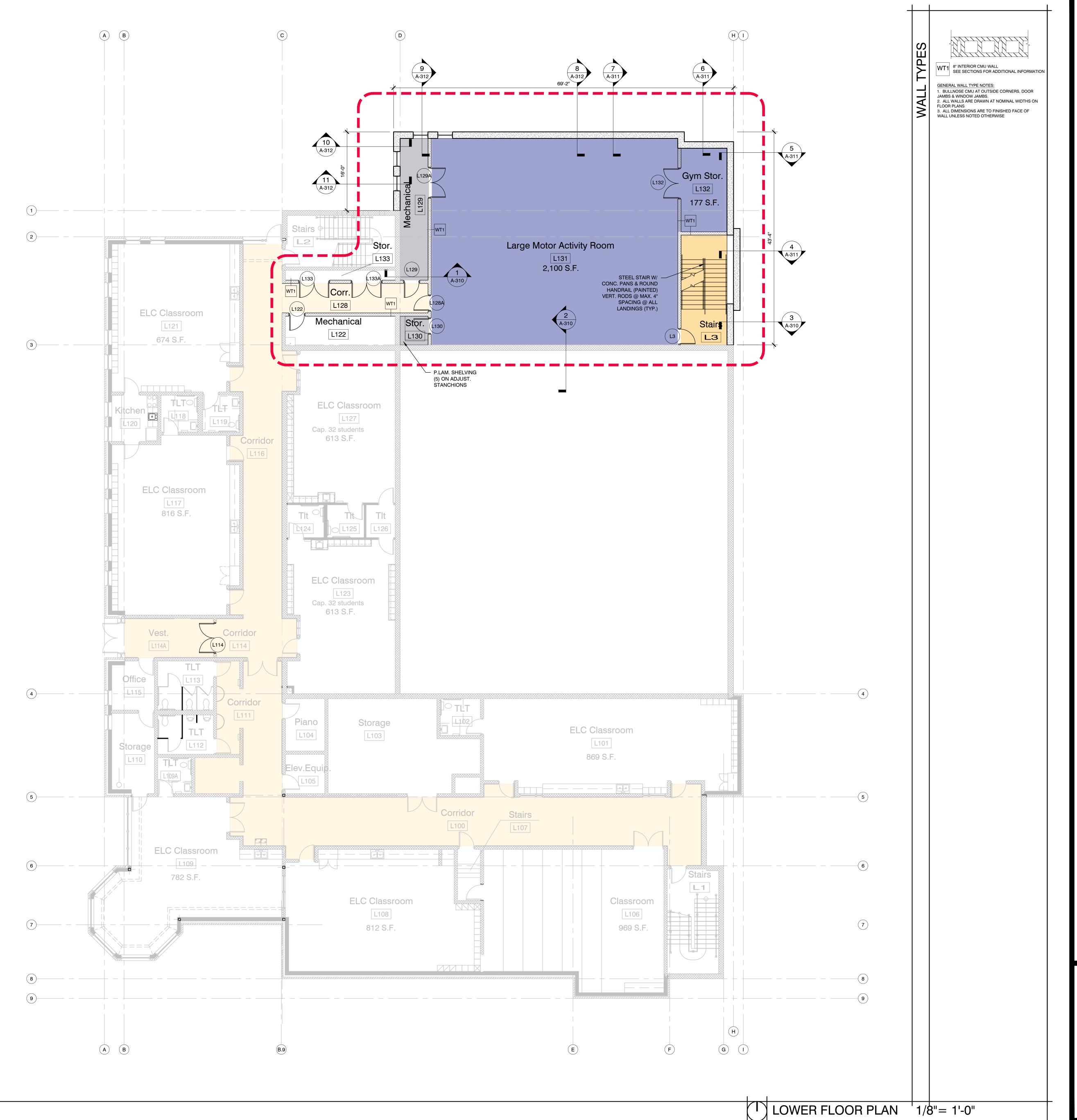
TESTING PROCEDURES, COMPONENT PERFORMANCE, MEASUREMENT TECHNIQUES AND FIELD CONDITIONS SUCH AS VOLTAGE AND TEMPERATURE VARIATIONS.

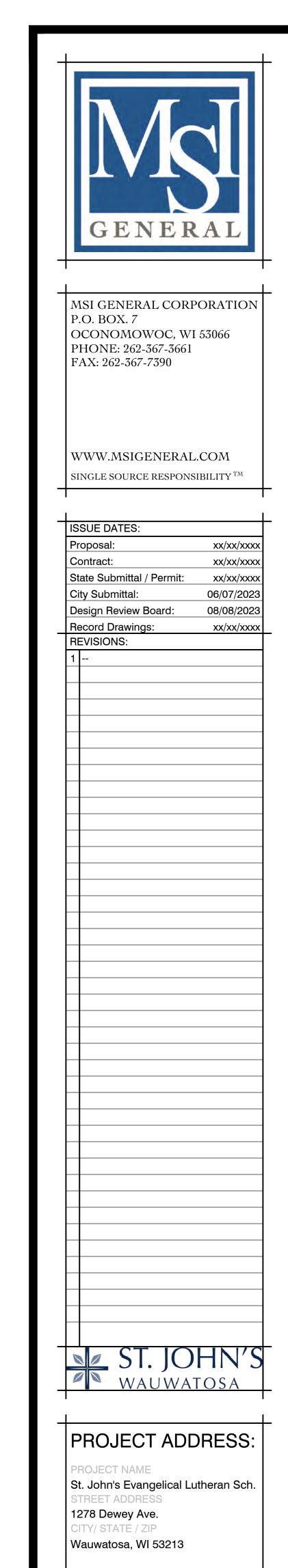
INPUT DATA USED TO GENERATE THE ATTACHED CALCULATIONS SUCH AS ROOM DIMENSIONS,

REFLECTANCES, FURNITURE AND ARCHITECTURAL ELEMENTS SIGNIFICANTLY AFFECT THE LIGHTING CALCULATIONS. IF THE REAL ENVIRONMENT CONDITIONS DO NOT MATCH THE INPUT DATA, DIFFERENCES WILL OCCUR BETWEEN MEASURED VALUES AND CALCULATED VALUES.

SITE PHOTOMETRIC PLAN

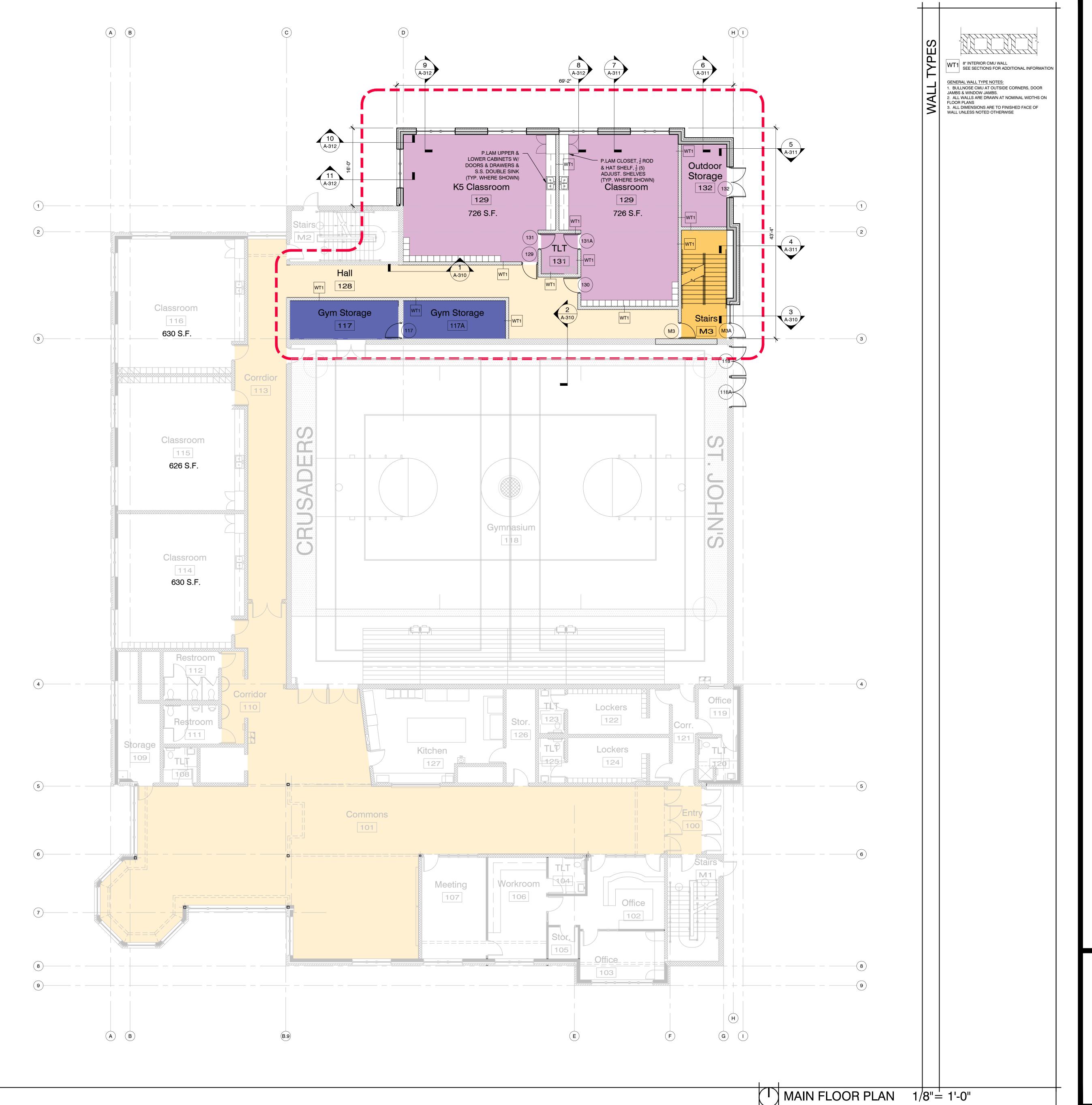
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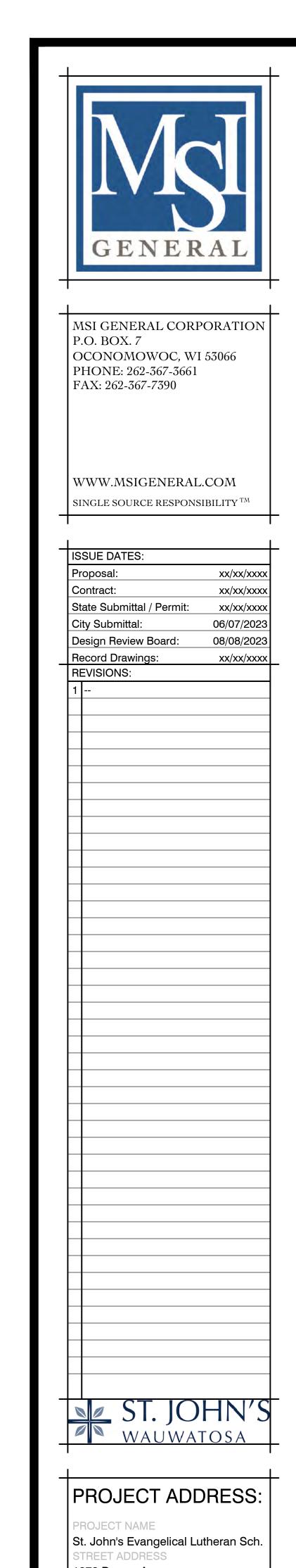




ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

LOWER FLOOR PLAN P13329





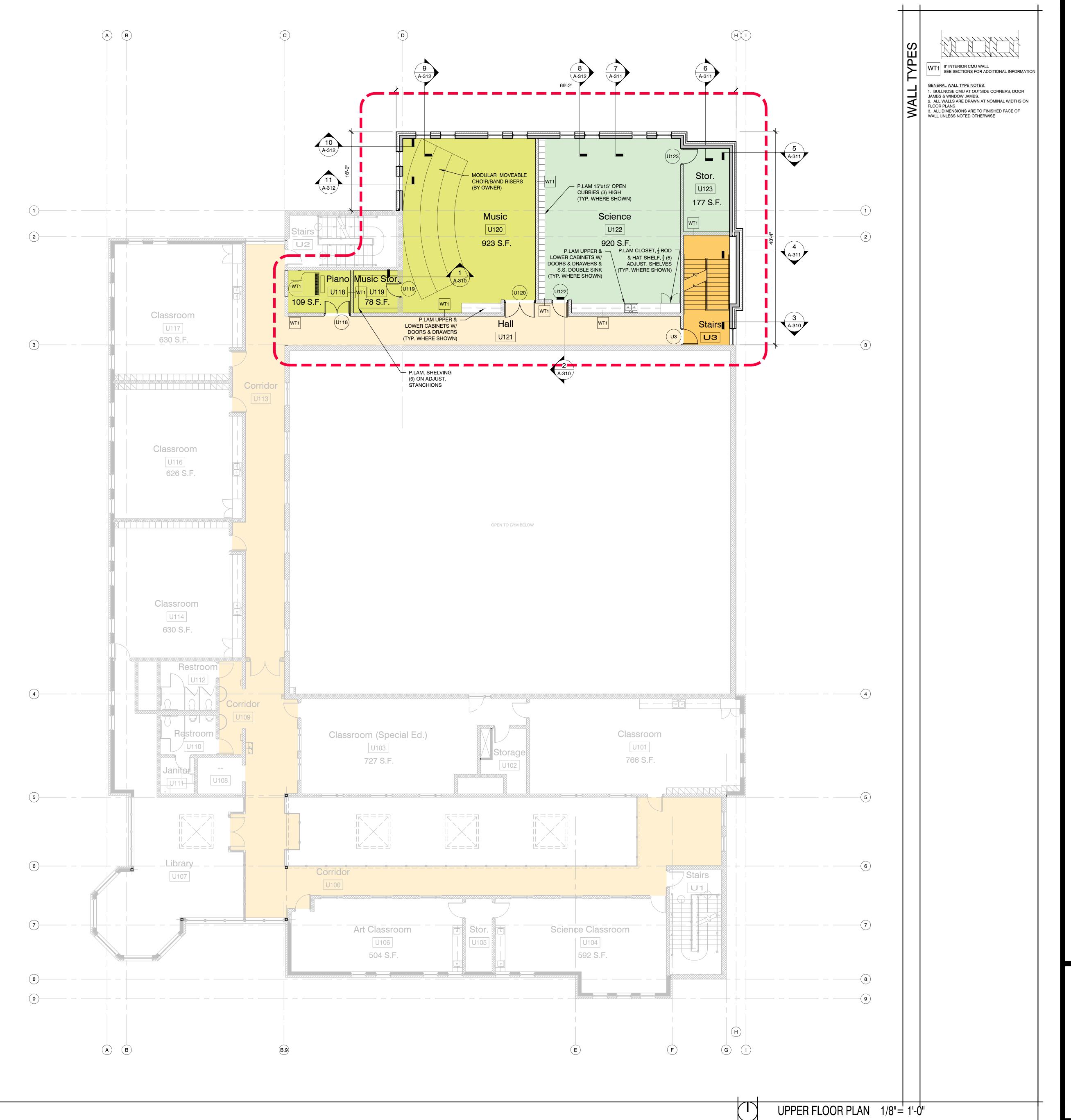
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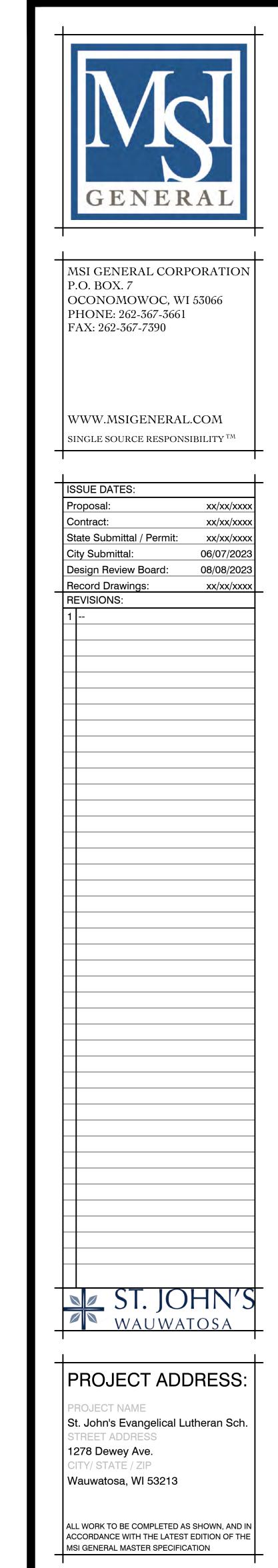
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Architect: Engineer: Reviewed By:
BJZ -- AMH
Sheet Title:

MAIN FLOOR PLAN
Sheet Number:

A-110
Project Number: -P13329



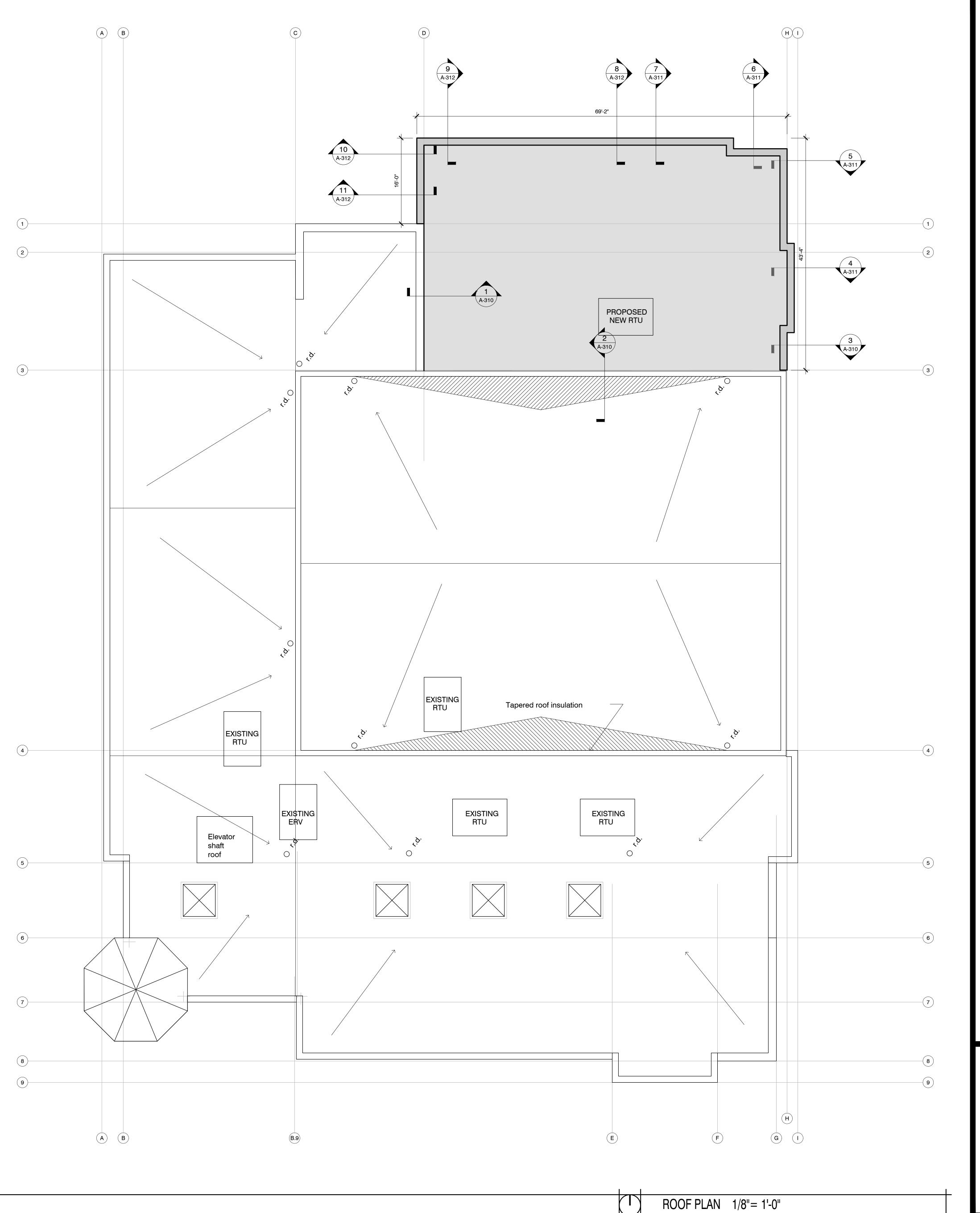


Architect: Engineer: Reviewed By: AMH
Sheet Title:

UPPER FLOOR PLAN
Sheet Number:

A-120

P13329





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ISSUE DATES:

Proposal: xx/xx/xxxx

Contract: xx/xx/xxxx

State Submittal / Permit: xx/xx/xxxx

City Submittal: 06/07/2023

Design Review Board: 08/08/2023

Record Drawings: xx/xx/xxxx

REVISIONS:

1 --

ST. JOHN'S WAUWATOSA

PROJECT ADDRESS:

St. John's Evangelical Lutheran Sch.
STREET ADDRESS
1278 Dewey Ave.
CITY/ STATE / ZIP
Wauwatosa, WI 53213

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

Architect: Engineer: Reviewed By:
BJZ -- AMH
Sheet Title:
ROOF PLAN
Sheet Number:
A-130
Project Number: -P13329

PROJECT ADDRESS:

St. John's Evangelical Lutheran Sch. STREET ADDRESS 1278 Dewey Ave. CITY/ STATE / ZIP Wauwatosa, WI 53213

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

rchitect: Engineer: Reviewed E Sheet Title: EXTERIOR ELEVATIONS

Sheet Number: A-201

P13329

ARCHITE



EXISTING NORTH ELEVATION - HARWOOD AVENUE

NORTH ELEVATION - HARWOOD AVENUE



EXTERIOR BUILDING MATERIAL COLORS A - Concrete brick units-Stria #43 Straw(5%) by Quality Block (or approved equal) B - Split face units (8" high) #43 Straw(5%) by Quality Block (or approved equal) - Smooth face units (8" high) #43 Straw(5%) by Quality Block (or approved equal)

O - Split face units (4" high) #43 Straw(5%) by Quality Block (or approved equal) Smooth face units (4" high)
 #43 Straw(5%) by Quality Block (or approved equal)

Additional notes: All concrete brick units to be laid with standard gray mortar All other units to be laid with matching colored mortar Cap flashing and metal panel to be Siarra Tan by Una-Clad or equal Standing seam metal roof to be Patena Copper

Lannon Stone Colonial Blend by Halquist (or approved equal) P - Cornerstone to match exist.

F - Prefinished parapet cap to match exist.

J - Prefinished metal panel to match exist.

H - Precast stone sill to match exist.

N - Glass block to match exist.

G - Precast stone arched header to match exist.

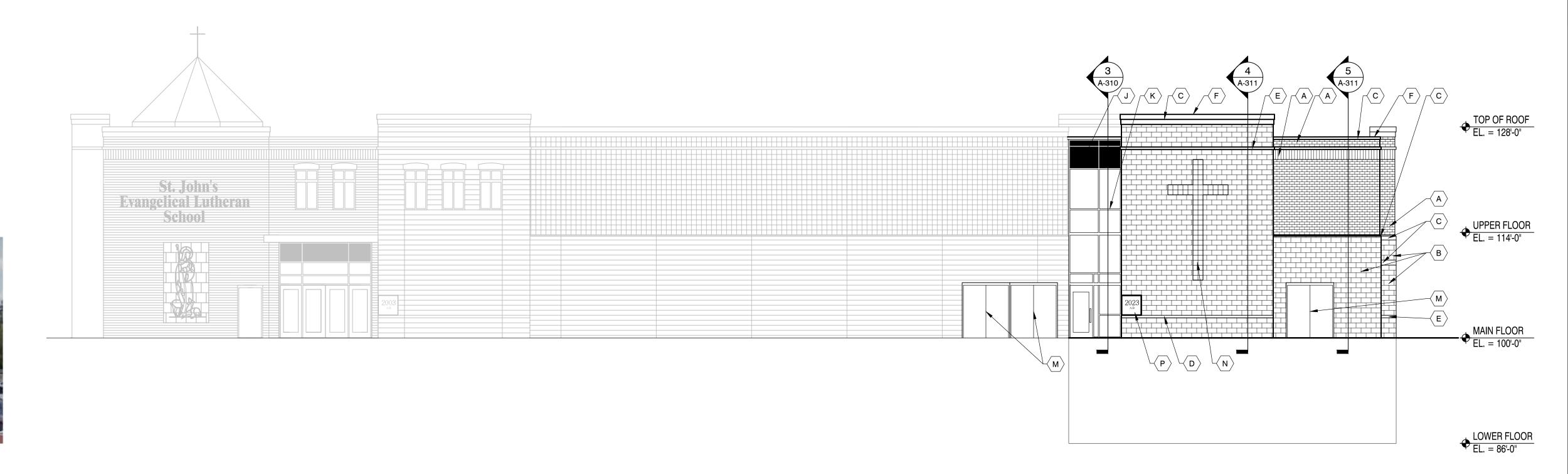
L - Alum. window frame & glass to match exist.
M - H. M. door & frame (paint to match wall)

Q - Vertical wood slat gates on metal frame w/ pin closure

K - Prefinished alum. storefront frame & glass to match exist.

ELEVATIONS 1/8" = 1'-0"

EXIST. WEST ELEVATION





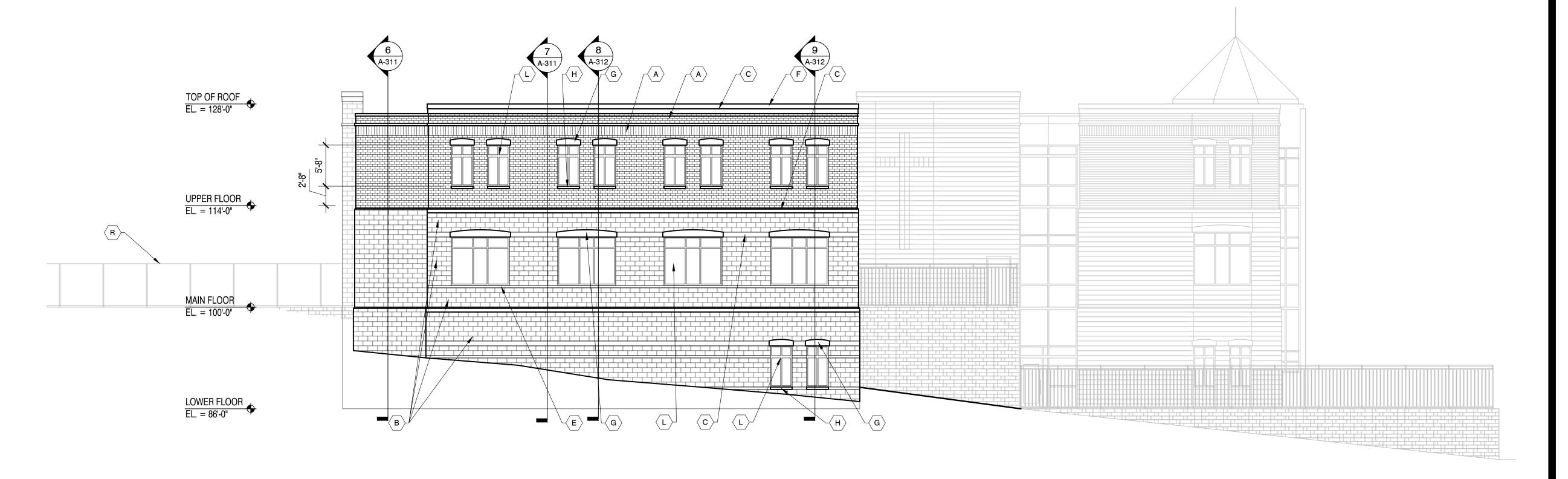
EXISTING SOUTH ELEVATION - DEWEY AVENUE

SOUTH ELEVATION





EXISTING EAST ELEVATION - PRIVATE DRIVE



F - Prefinished parapet cap to match exist. A - Concrete brick units-Stria #43 Straw(5%) by Quality Block (or approved equal) G - Precast stone arched header to match exist. B - Split face units (8" high) #43 Straw(5%) by Quality Block (or approved equal) H - Precast stone sill to match exist. J - Prefinished metal panel to match exist. C - Smooth face units (8" high) #43 Straw(5%) by Quality Block (or approved equal) K - Prefinished alum. storefront frame & glass to match exist.

L - Alum. window frame & glass to match exist. D - Split face units (4" high) #43 Straw(5%) by Quality Block (or approved equal) M - H. M. door & frame (paint to match wall) N - Glass block to match exist. E - Smooth face units (4" high) #43 Straw(5%) by Quality Block (or approved equal) P - Cornerstone to match exist. Q - Vertical wood slat gates on metal frame w/ pin closure R - Black chainlink fence to match existing; see civil plans Additional notes: for additional details All concrete brick units to be laid with standard gray mortar All other units to be laid with matching colored mortar Cap flashing and metal panel to be Siarra Tan by Una-Clad or equal Standing seam metal roof to be Patena Copper

EXTERIOR BUILDING MATERIAL COLORS

Colonial Blend by Halquist (or approved equal)

Lannon Stone

EAST ELEVATION

GENERAL MSI GENERAL CORPORATION P.O. BOX. 7 OCONOMOWOC, WI 53066 PHONE: 262-367-3661 FAX: 262-367-7390 WWW.MSIGENERAL.COM SINGLE SOURCE RESPONSIBILITY TA ISSUE DATES: Proposal: xx/xx/xxxx Contract: xx/xx/xxxx State Submittal / Permit: xx/xx/xxxx City Submittal: 06/07/2023 Design Review Board: 08/08/2023 Record Drawings: REVISIONS:

PROJECT ADDRESS:

St. John's Evangelical Lutheran Sch.

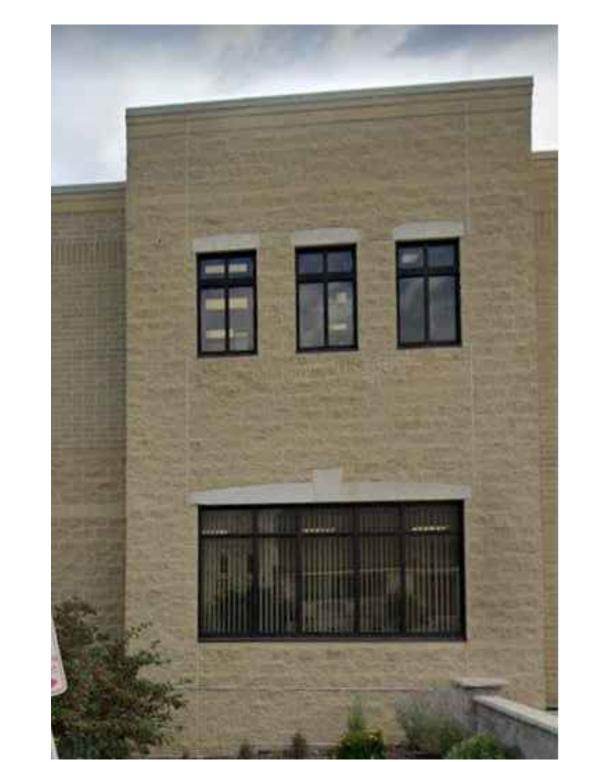
ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE

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STREET ADDRESS 1278 Dewey Ave. CITY/ STATE / ZIP

Wauwatosa, WI 53213

ELEVATIONS 1/8" = 1'-0"



SPLITFACE AND SMOOTH FACE CMU; PRECAST STONE HEADERS AND SILLS



DARK BRONZE ALUM. WINDOWS



CONCRETE BRICK



GLASS BLOCK IN NEW CROSS

- EXTERIOR BUILDING MATERIAL COLORS A - Concrete brick units-Stria #43 Straw(5%) by Quality Block (or approved equal)
- B Split face units (8" high) #43 Straw(5%) by Quality Block (or approved equal)
- C Smooth face units (8" high) #43 Straw(5%) by Quality Block (or approved equal)
- D Split face units (4" high) #43 Straw(5%) by Quality Block (or approved equal)
- E Smooth face units (4" high) #43 Straw(5%) by Quality Block (or approved equal)
- Additional notes: All concrete brick units to be laid with standard gray mortar All other units to be laid with matching colored mortar Cap flashing and metal panel to be Siarra Tan by Una-Clad or equal Standing seam metal roof to be Patena Copper Lannon Stone
- Colonial Blend by Halquist (or approved equal)

- F Prefinished parapet cap to match exist. G - Precast stone arched header to match exist.
- H Precast stone sill to match exist. J - Prefinished metal panel to match exist.

- N Glass block to match exist.
- for additional details
- **EXTERIOR MATERIALS**



SOUTHWEST ELEVATION

RENDERING ELEVATIONS N.T.S.



SOUTH ELEVATION



NORTHEAST ELEVATION



GENERAL

MSI GENERAL CORPORATION P.O. BOX. 7 OCONOMOWOC, WI 53066 PHONE: 262-367-3661 FAX: 262-367-7390

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ISSUE DATES: xx/xx/xxxx Contract: xx/xx/xxxx State Submittal / Permit: xx/xx/xxxx City Submittal: 06/07/2023 Design Review Board: 08/08/2023 Record Drawings: **REVISIONS:**

ST. JOHN'S WAUWATOSA

PROJECT ADDRESS: St. John's Evangelical Lutheran Sch.

1278 Dewey Ave. CITY/ STATE / ZIP Wauwatosa, WI 53213

STREET ADDRESS

ALL WORK TO BE COMPLETED AS SHOWN, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE MSI GENERAL MASTER SPECIFICATION

rchitect: Engineer: Reviewed E AMH Sheet Title: RENDERING ELEVATIONS A-210

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