MULTI-TENANT BUILDING

4706 E. WASHINGTON AVE.
MADISON, WI 53704

PROJECT DATA

LOCATION: 4706 E. WASHINGTON AVE.
MADISON, WI 53704

REGULATING MUNICIPALITIES:
CITY OF MADISON
DANE COUNTY
STATE OF WISCONSIN

BUILDING CODE:
CITY OF MADISON ZONING ORDINANCES
WISCONSIN ADMINISTRATIVE CODE
2015 INTERNATIONAL BUILDING CODE
ACCESSIBILITY ANSI A117.1 - 2009

PROJECT DESCRIPTION:
MULTI-TENANT COMMERCIAL BUILDING, SINGLE STORY

OCCUPANCY TYPE:
PRIMARY : M

CONSTRUCTION TYPE:
TYPE VB

ALLOWABLE AREA & HEIGHT:
HEIGHT (IBC TABLE 504.3) = 40 FEET ABOVE GRADE PLANE
STORIES (IBC TABLE 504.4) = 1 STORY
AREA (IBC TABLE 506.2) = 9,000 SF / FLOOR

BUILDING AREA & HEIGHT:
HEIGHT = 22 FEET 6 INCHES ABOVE GRADE PLANE
# STORIES = 1 STORIES
TOTAL AREA = 5,500 SF

NUMBER OF OCCUPANTS: (TABLE 1004.1.2)
M OCCUPANCY:
M OCCUPANCY = 5,500 SF/ 60 SF = 92 OCC

PARKING REQUIREMENTS:
1 STALLS / 400 SF/ OCCUPANTS = 14 STALLS
1 VAN ACCESSIBLE STALLS REQUIRED
1 ADA STALLS REQUIRED
CROSS-PARKED WITH ADJACENT PROPERTY

2 BIKE PARKING STALLS REQUIRED
TOTAL BIKE PARKING STALLS PROVIDED = 4

PLUMBING:
ALL FIXTURES TO COMPLY WITH ICC A117.1

FIRE CONTROL:
NON-SPRINKLERED
PORTABLE FIRE EXTINGUISHERS (IBC SECTION 906)
MAX DISTANCE = 75 FEET

SEPARATION:
A-2 / B = 2 HR SEPARATION
2 HR SEPARATION AT BOTH DEMISING WALLS

EXIT TRAVEL DISTANCE:
NON-SPRINKLERED:
B = 200 FT MAX TRAVEL (TABLE 1017.2)
B = 75 FT COMMON PATH OF TRAVEL (1006.2.1)

EXITS:
TWO EXISTS FROM BUILDING REQUIRED, TWO PROVIDED FROM EACH TENANT

ACCESSIBILITY:
ALL FLOORS SHALL BE ACCESSIBLE IF GREATER THAN 1,500 SF
ALL EXITS SHALL BE ACCESSIBLE
FOLLOW IBC AND ANSI 117

GENERAL PROJECT NOTES:

1. DIMENSIONS ARE TO FACE OF STUD OR TO COLUMN CENTERLINE UNLESS NOTED OTHERWISE. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

2. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERING ANY DISCREPANCIES OR CONFLICTING INFORMATION IN THESE DOCUMENTS. CONTRACTOR SHALL CAREFULLY REVIEW AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD AND BEFORE INSTALLATION OF THEIR WORK. ANY INCONSISTENCIES IN THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE ARCHITECT AND ENGINEER(S) FOR CLARIFICATION.

3. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.

4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER IMMEDIATELY UPON DISCOVERING ANY UNANTICIPATED EXISTING SITE CONDITIONS AFFECTING THE EXECUTION OF THESE DOCUMENTS (SUCH AS HAZARDOUS MATERIALS; ETC.).

5. CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS GOVERNING THIS PROJECT.

6. JOB SITE SHALL BE BROOM SWEPT AND CLEAN AT THE END OF EACH DAY. ALL DEBRIS SHALL BE PICKED UP AND DISPOSED OF PROPERLY INTO APPROVED CONTAINER.

7. MAINTAIN DESIGNATED EGRESS ROUTES DURING CONSTRUCTION BY KEEPING CLEAR OF CONSTRUCTION DEBRIS AND CLEARLY MARKING THE PATH OF EGRESS TRAVEL.

8. ALL MECHANICAL (HVAC), ELECTRICAL, AND PLUMBING ("MEP") DESIGN AND CONSTRUCTION TO BE BY A DESIGN-BUILD DELIVERY METHOD AND ARE SUBSEQUENTLY NOT PART OF THESE DOCUMENTS. IT IS THE MEP CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE GENERAL CONTRACTOR AND WITH THESE DRAWINGS THE FINAL DESIGN, RETROFIT AND INSTALLATION OF THESE SYSTEMS. NOTIFY THE ARCHITECT PRIOR TO MAKING ANY REVISIONS TO THE STRUCTURE OR ARCHITECTURAL FEATURES.

9. ELECTRICIAN TO VERIFY NEW LIGHT FIXTURE LAYOUT AND SUBMIT LIGHTING ENERGY CALC'S AS REQUIRED PER CODE. REVIEW PLAN AND LIGHTING FIXTURE SELECTION WITH ARCHITECT.

10. HVAC CONTRACTOR SHALL SUBMIT PROPER DESIGN DRAWINGS AS NEEDED FOR PLAN APPROVAL AND BUILDING PERMITS.

11. ENSURE A CLEAR PATHWAY TO ALL EXISTS IS MAINTAINED AND SUSTAINED.

12. WITHIN THIS DOCUMENT "NORTH, SOUTH, EAST, WEST" ARE REFERRED TO AS PROJECT NORTH AND MAY NOT BE TRUE NORTH

13. ALL EXPOSED WOOD, OR IN CONTACT WITH CONC, OR MASONRY, SHALL BE PRESSURE TREATED

14. VERIFY ALL ROUGH OPENINGS WITH RESPECTIVE MFG

15. PROVIDE SOUND BATT INSULATION AT ALL DEMISING WALLS, SEPARATION WALLS, AND AT BATHROOM, AND MECHANICAL ROOM WALLS

16. PROVIDE MOISTURE RESISTANT GWB AT ALL PLUMBING WALLS

17. PROVIDE GFI OUTLETS NEAR WATER SOURCES AND AS REQUIRED BY CODE

18. PROVIDE 2X BLOCKING AT ALL GRAB BAR LOCATIONS PER ANSI A117.1 2009

19. FIELD VERIFY ALL CABINET LAYOUTS AND COORDINATE DIMENSIONS WITH SELECTED APPLIANCES AND FIXTURES, PROVIDE END PANELS AT ALL EXPOSED CABINET ENDS

20. PROVIDE FIRE BLOCKING THROUGHOUT ENTIRE BUILDING PER IBC 717.2

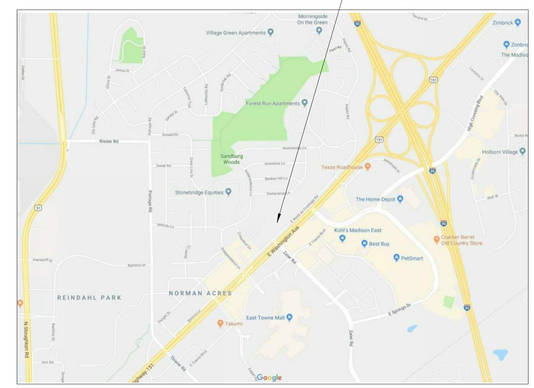
21. SUBMIT ALL FIXTURES, APPLIANCES, MATERIALS, SHOP DRAWINGS, PLAN MODIFICATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL

SHEET INDEX

SHEET NUMBER	SHEET NAME	REVISIONS MARK	REVISIONS DATE
GENERAL			
A0.1	COVER SHEET	UDC SUBMITTAL	19/03/28
A0.2	SYMBOLS & ABBREVIATIONS	BID SET	19/01/30
G1.0	EXISTING SITE	UDC SUBMITTAL	19/03/28
CIVIL			
C1.0	EXISTING CONDITIONS		
C2.0	PROPOSED SITE PLAN		
C3.0	GRADING PLAN		
C3.1	EROSION CONTROL PLAN		
C4.0	UTILITY PLAN		
C5.0	STORMWATER DETAILS		
C5.1	SITE DETAILS		
C5.2	SITE DETAILS		
C5.3	SITE DETAILS		
CIVIL - LANDSCAPE			
LS1.0	OVERALL LANDSCAPE PLAN		
LS1.1	EXIST. CONDITIONS & LANDSCAPE PLAN		
LS1.2	LANDSCAPE PLAN		
CIVIL - SITE LIGHTING			
E1	SITE LIGHTING LAYOUT		
ARCHITECTURAL			
A2.1	FIRST FLOOR PLAN	UDC SUBMITTAL	19/03/28
A2.2	ROOF PLAN	UDC SUBMITTAL	19/03/28
A3.1	EXTERIOR ELEVATIONS	FOR CONSTRUCTION	19/05/06
A4.1	BUILDING SECTIONS	FOR CONSTRUCTION	19/05/06
A4.2	WALL SECTIONS	FOR CONSTRUCTION	19/05/06
A4.3	WALL SECTIONS	FOR CONSTRUCTION	19/05/06
A5.1	PLAN DETAILS	BID SET	19/01/30
A5.2	SECTION DETAILS	FOR CONSTRUCTION	19/05/06
A11.1	STOREFRONT & PARTITION TYPES	FOR CONSTRUCTION	19/05/06
STRUCTURAL			
S0.1	STRUCTURAL NOTES		
S1.1	FOUNDATION PLAN	FOR CONSTRUCTION	19/05/06
S3.1	ROOF FRAMING PLAN	FOR CONSTRUCTION	19/05/06
S6.1	FOUNDATION DETAILS		
S6.2	FOUNDATION DETAILS		
S9.1	STEEL DETAILS		
S9.11	WOOD DETAILS		
S9.12	WOOD DETAILS	FOR CONSTRUCTION	19/05/06

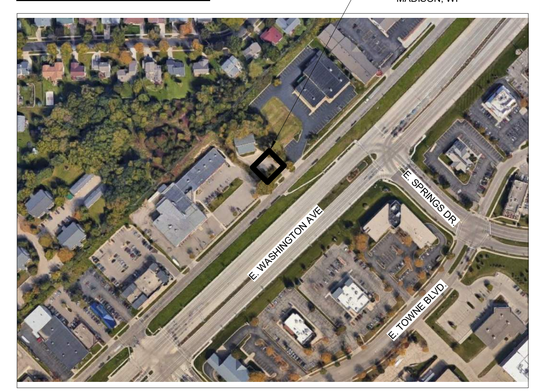
PROJECT LOCATION

4706 E. WASTHINGTON AVE.
MADISON, WI



BUILDING LOCATION

4706 E. WASHINGTON AVE.
MADISON, WI



WISCONSIN
BRADLEY S. KONING
A-10060
MADISON, WI
ARCHITECT
5-1-19

PROJECT CONTACTS:

OWNER:
GALWAY COMPANIES, LLC
6430 BRIDGE RD. SUITE 230
MADISON, WI 53713

CONTACT:
STEVE DORAN
608-372-4006

ARCHITECT:
SKETCHWORKS ARCHITECTURE, LLC
7780 ELMWOOD AVE., STE 208
MIDDLETON, WI 53562

CONTACT:
BRAD KONING (ARCHITECT)
608-836-7570

STRUCTURAL ENGINEER:
MP² STRUCTURAL ENGINEERS, LLC
583 D'ONOFRIO DR. SUITE 201
MADISON, WI 53719

CONTACT:
MARK LINDLOFF
608-821-4770

CIVIL ENGINEER:
PROFESSIONAL ENGINEERING, LLC
818 N. MEADOWBROOK LANE
WAUNAKEE, WI 53597

CONTACT:
ROXANNE JOHNSON, P.E.
608-849-9378

CONSTRUCTION SET

Sketchworks architecture LLC
7780 Elmwood Ave., Middleton, WI 53562
(608) 836-7570, www.sketchworksarch.com

MULTI-TENANT BUILDING
NEW COMMERCIAL BUILDING
4706 E. WASHINGTON AVE.
MADISON, WI 53704

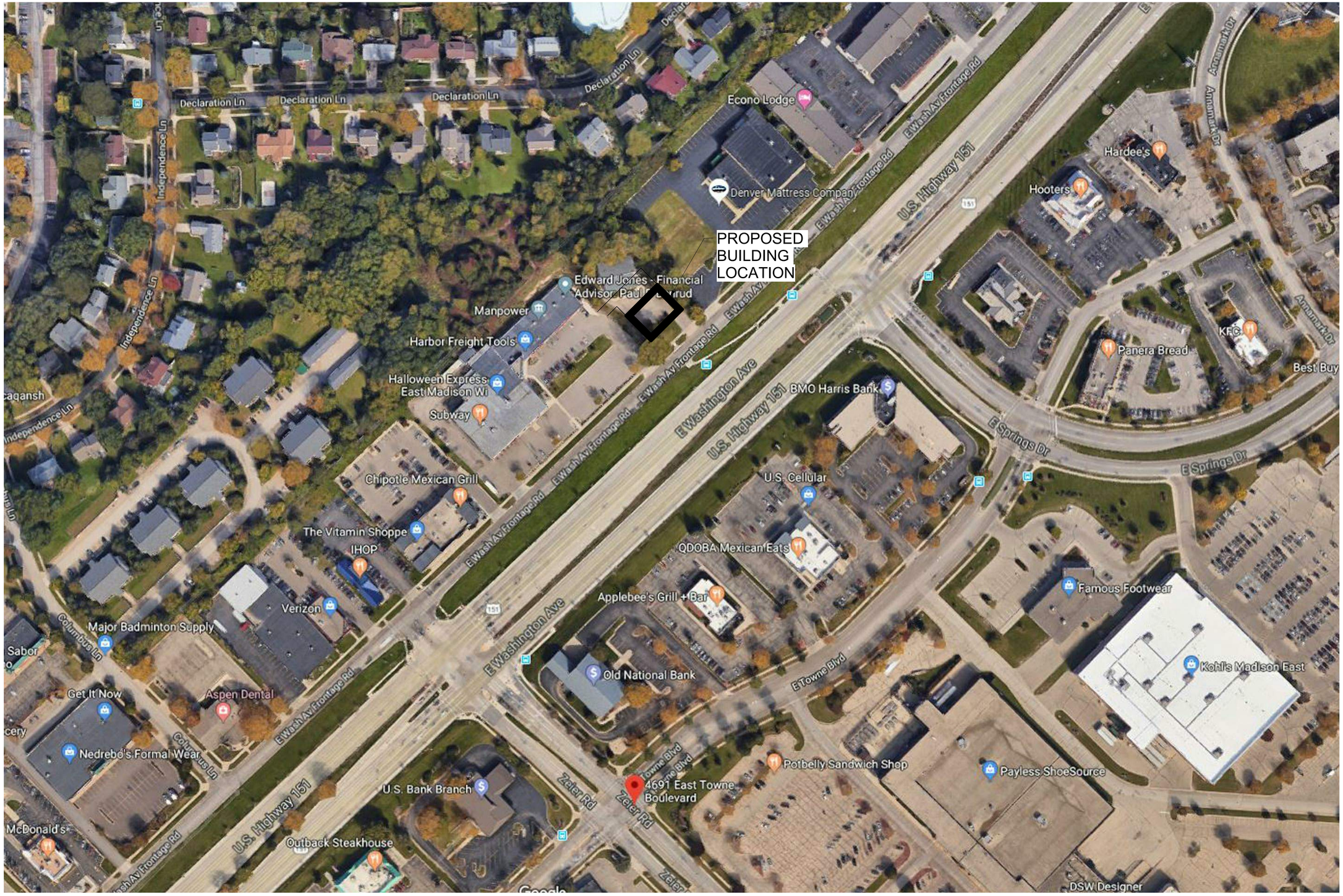
COVER SHEET

Project Status

A	19/01/09	PC SUBMITTAL
B	19/01/30	BID SET
C	19/03/28	UDC SUBMITTAL
	19/05/06	FOR CONSTRUCTION

A0.1

C:\Users\mechel\Desktop\Revit Backup Files\19000Z_4706 E Wash_For Construction_mechel4KCSE.rvt
5/6/2019 2:25:39 PM



PRELIMINARY

Sketchworks architecture LLC
7760 Elmwood Ave., Middleton, WI 53562
(608) 836-7570, www.sketchworksarch.com

MULTI-TENANT BUILDING

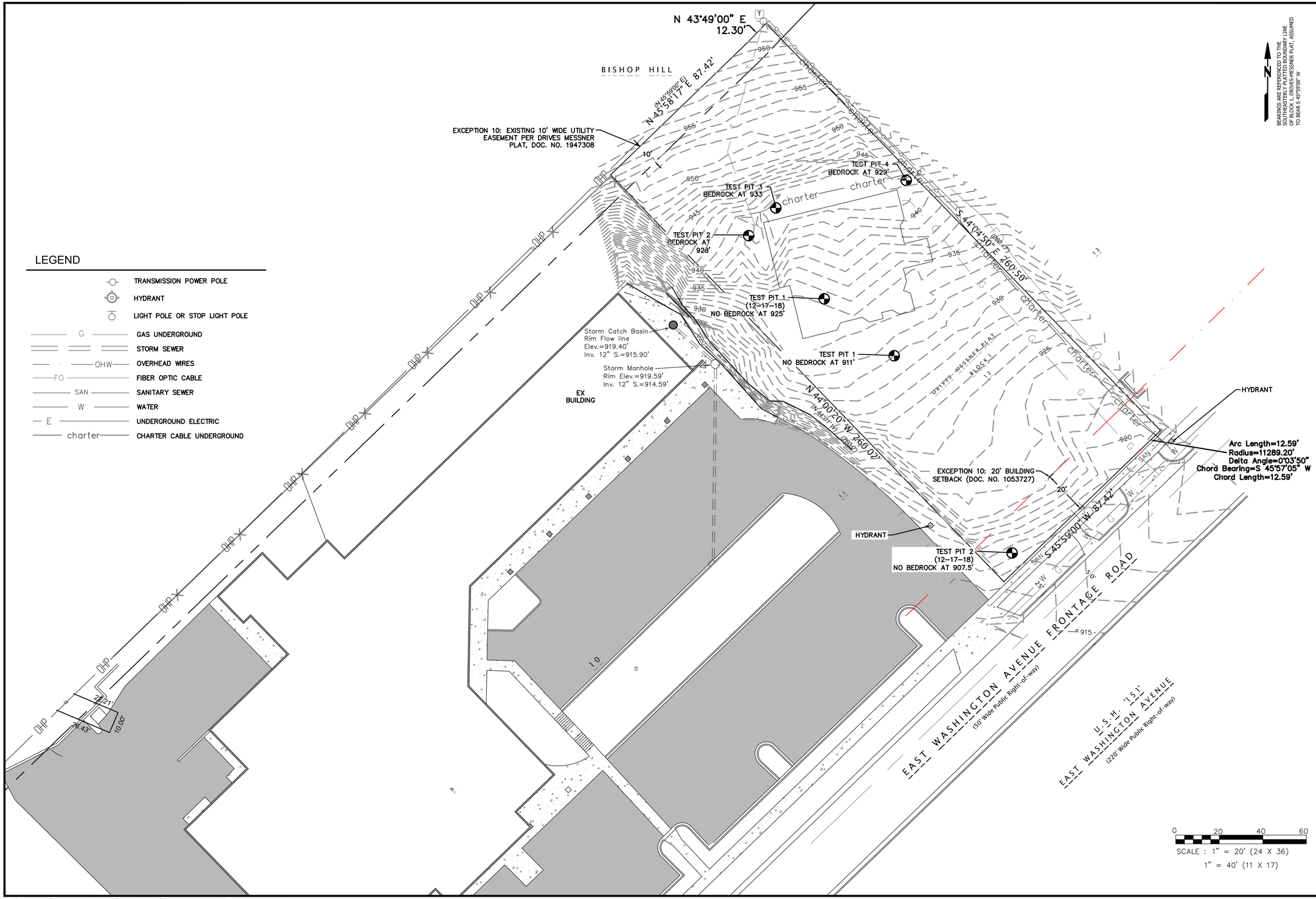
NEW COMMERCIAL BUILDING
4706 E. WASHINGTON AVE.
MADISON, WI 53704

EXISTING SITE

Project Status

A	19/01/09	PC SUBMITTAL
C	19/03/28	UDC SUBMITTAL
	19/05/06	FOR CONSTRUCTION

G1.0



LEGEND

- TRANSMISSION POWER POLE
- HYDRANT
- LIGHT POLE OR STOP LIGHT POLE
- G — GAS UNDERGROUND
- STORM SEWER
- OHW — OVERHEAD WIRES
- FO — FIBER OPTIC CABLE
- SAN — SANITARY SEWER
- W — WATER
- E — UNDERGROUND ELECTRIC
- charter — CHARTER CABLE UNDERGROUND

ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-22-19

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
www.pe-wi.com

4706 E WASHINGTON AVENUE EXISTING CONDITIONS

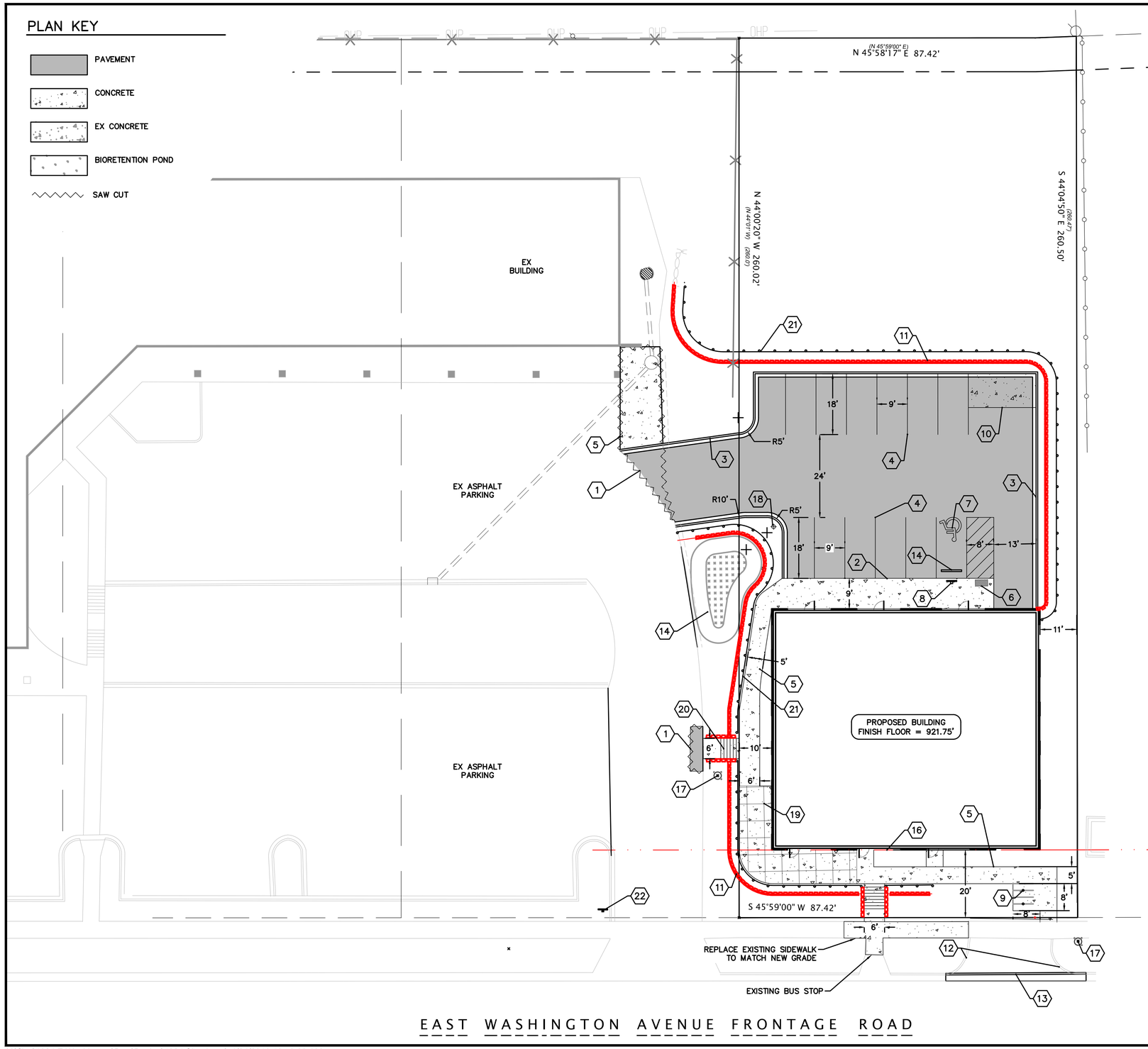
MADISON, WISCONSIN

C1.0

X:\files\1324 E Washington\Dwg\Survey\1324 Survey.dwg | 4/24/2019 10:58:01 AM

PLAN KEY

- PAVEMENT
- CONCRETE
- EX CONCRETE
- BIORETENTION POND
- SAW CUT



PLAN KEY

1. CUT AND REMOVE EXISTING SIDEWALK/ASPHALT
2. THICKENED EDGE SIDEWALK
3. 18" CURB AND GUTTER
4. 4" PAVEMENT STRIPING WITH TWO COATS OF TRAFFIC GRADE LATEX PAINT, TYP
5. SIDEWALK
6. DETECTABLE WARNING FIELD, TYP.
7. VAN ACCESSIBLE STALL, TYP.
8. VAN ACCESSIBLE PARKING SIGN, TYP.
9. BIKE RACK TO BE DERO PART# BH-FT-EPX BIKE RACKS SURFACE MOUNT POWDER COAT FINISH
10. TRASH ENCLOSURE, SEE ARCHITECTURAL PLANS
11. SEGMENTAL RETAINING WALL
12. REMOVE EXISTING CONCRETE APRON
13. 30" CURB AND GUTTER
14. 6' CONCRETE WHEEL STOP
15. BIORETENTION DEVICE
16. EXCEPTION 10: 20' BUILDING SETBACK DOC. NO. 1053727
17. EX HYDRANT
18. LIGHT POLE WITH CONCRETE BASE
19. OUTDOOR PATIO
20. STAIRS WITH HANDRAILS, SEE ARCHITECTURAL PLANS
21. GUARDRAIL, SEE ARCHITECTURAL PLANS
22. 7' HIGH STOP SIGN

LEGAL DESCRIPTION: AS PROVIDED IN FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NCS-818372-MAD , DATED OCTOBER 21, 2016 AT 7:30 A.M.

LOT TWELVE (12), BLOCK ONE (1), DRIVES-MESSNER PLAT, IN THE CITY OF MADISON, DANE COUNTY, WISCONSIN.

SITE INFORMATION

SITE ADDRESS = 4702, 4704 AND 4706 E. WASHINGTON AVENUE

SITE ACREAGE = 0.67 ACRES (29,050 SF)

TOTAL IMPERVIOUS AREA = 15,566 SF

IMPERVIOUS SURFACE % = 53.6%

NUMBER OF STORIES (ABOVE GRADE) = 1 STORY

BUILDING HEIGHT = 22'-6"

DILHR TYPE OF CONSTRUCTION = VB

TOTAL SQUARE FOOTAGE OF BUILDING = 5,530 SF

NUMBER OF PARKING STALLS: 13 (1 HC)

TOTAL BIKE PARKING: 4 STALLS

0 15 30 45

SCALE : 1" = 15' (24 X 36)

1" = 30' (11 X 17)

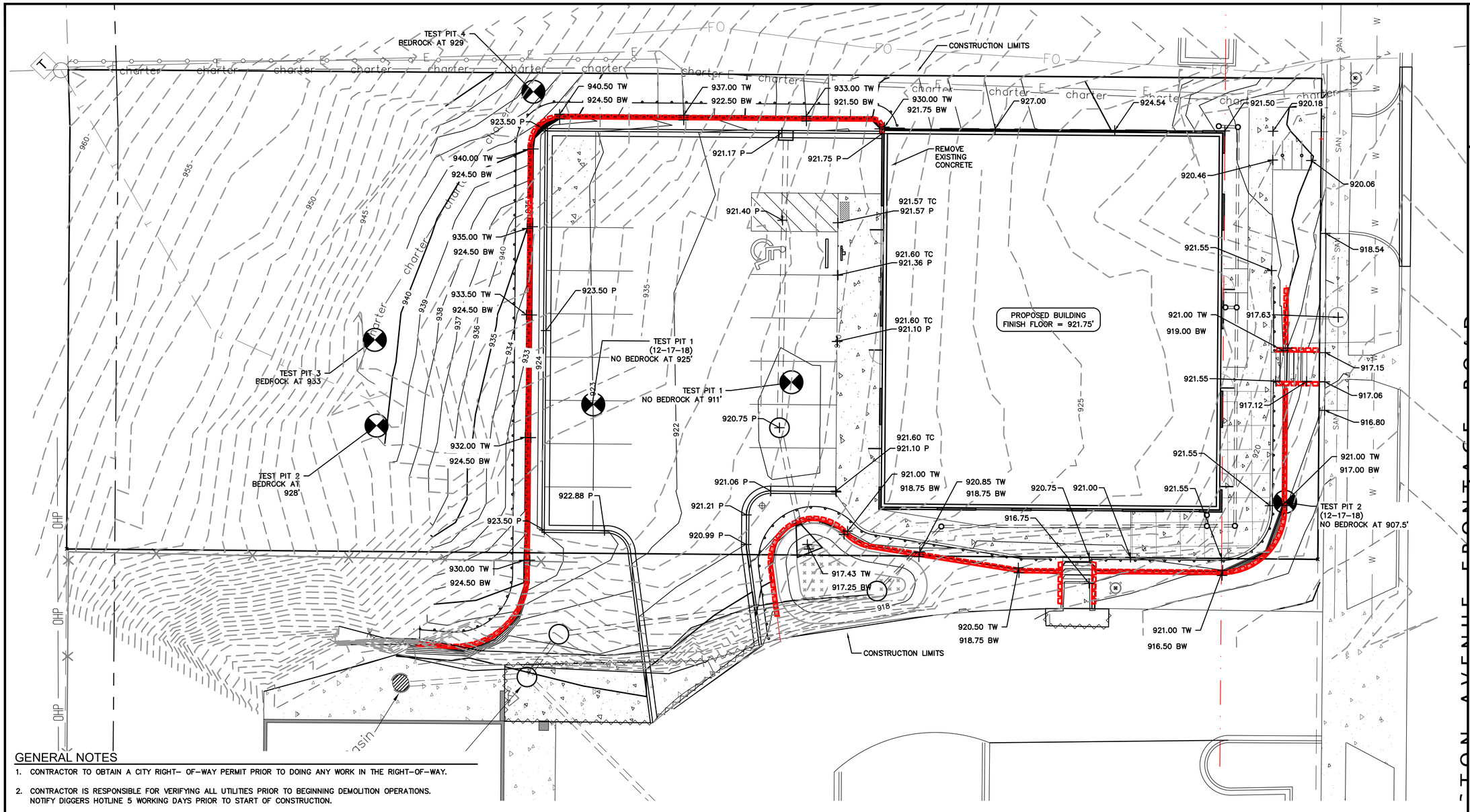
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-22-19

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
www.pe-wi.com

4706 E WASHINGTON AVENUE PROPOSED SITE PLAN

MADISON, WISCONSIN

C2.0



GENERAL NOTES

1. CONTRACTOR TO OBTAIN A CITY RIGHT– OF–WAY PERMIT PRIOR TO DOING ANY WORK IN THE RIGHT–OF–WAY.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES PRIOR TO BEGINNING DEMOLITION OPERATIONS. NOTIFY DIGGERS HOTLINE 5 WORKING DAYS PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES (INCLUDING BUT NOT LIMITED TO ELECTRICAL, WATER, SANITARY, SIDEWALKS, SIDEWALK, ETC.) THAT ARE TO REMAIN.
4. INSTALL ALL REQUIRED EROSION CONTROL MEASURES FOR PERIMETER PROTECTION PRIOR TO THE START OF DEMOLITION/ CONSTRUCTION.
5. ALL EROSION CONTROL MEASURES INSTALLED SHALL BE MAINTAINED IN ACCORDANCE WITH THE LOCAL AND STATE GOVERNING AUTHORITIES.
6. ALL EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.

GRADING LEGEND

— —	EXISTING CONTOUR
———	PROPOSED CONTOUR
× 800.00 P	PAVEMENT ELEVATION
× 800.00 FL	FLOW LINE ELEVATION
× 800.00 TW	TOP OF RETAINING WALL ELEVATION
× 800.00 BW	BOTTOM OF RETAINING WALL ELEVATION
× 800.00	SPOT ELEVATION

GRADING NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY SPECIFICATIONS.
2. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
3. ALL MATCHING PAVEMENT AND STORM SEWER ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.
4. CONTOUR AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS.
5. ALL LAWN AND PLANTING AREAS WHICH HAVE BEEN COMPACTED DUE TO CONSTRUCTION SHALL BE LOOSENED PRIOR TO ADDITION OF TOPSOIL.

N E S W

0 10 20 30
SCALE : 1" = 10' (22 X 34)
1" = 20' (11 X 17)

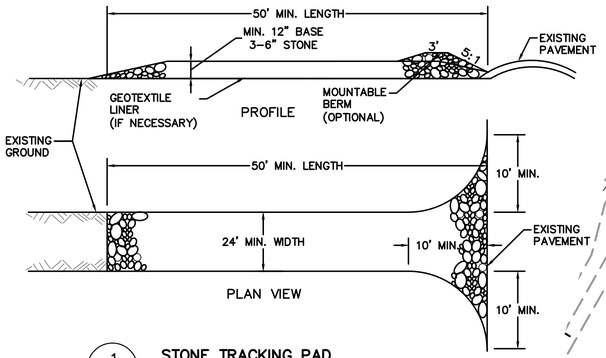
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-22-19

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
www.pe-wi.com

4706 E WASHINGTON AVENUE GRADIGN PLAN

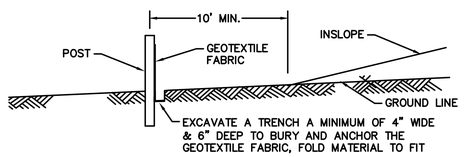
MADISON, WISCONSIN

C3.0



1 / C3.1 STONE TRACKING PAD

NTS

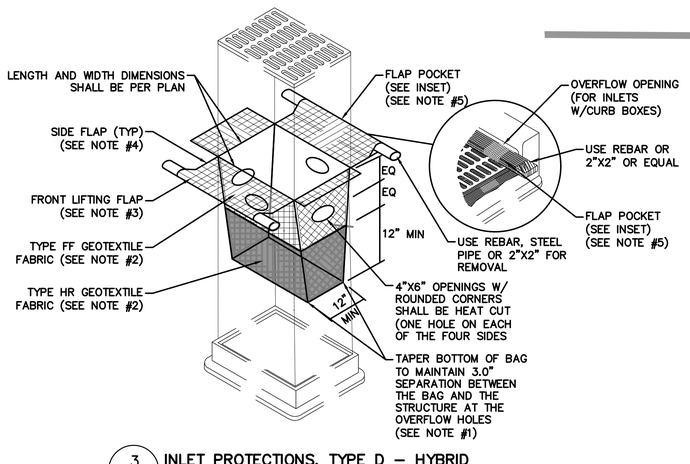


2 / C3.1 SILT FENCE

NTS

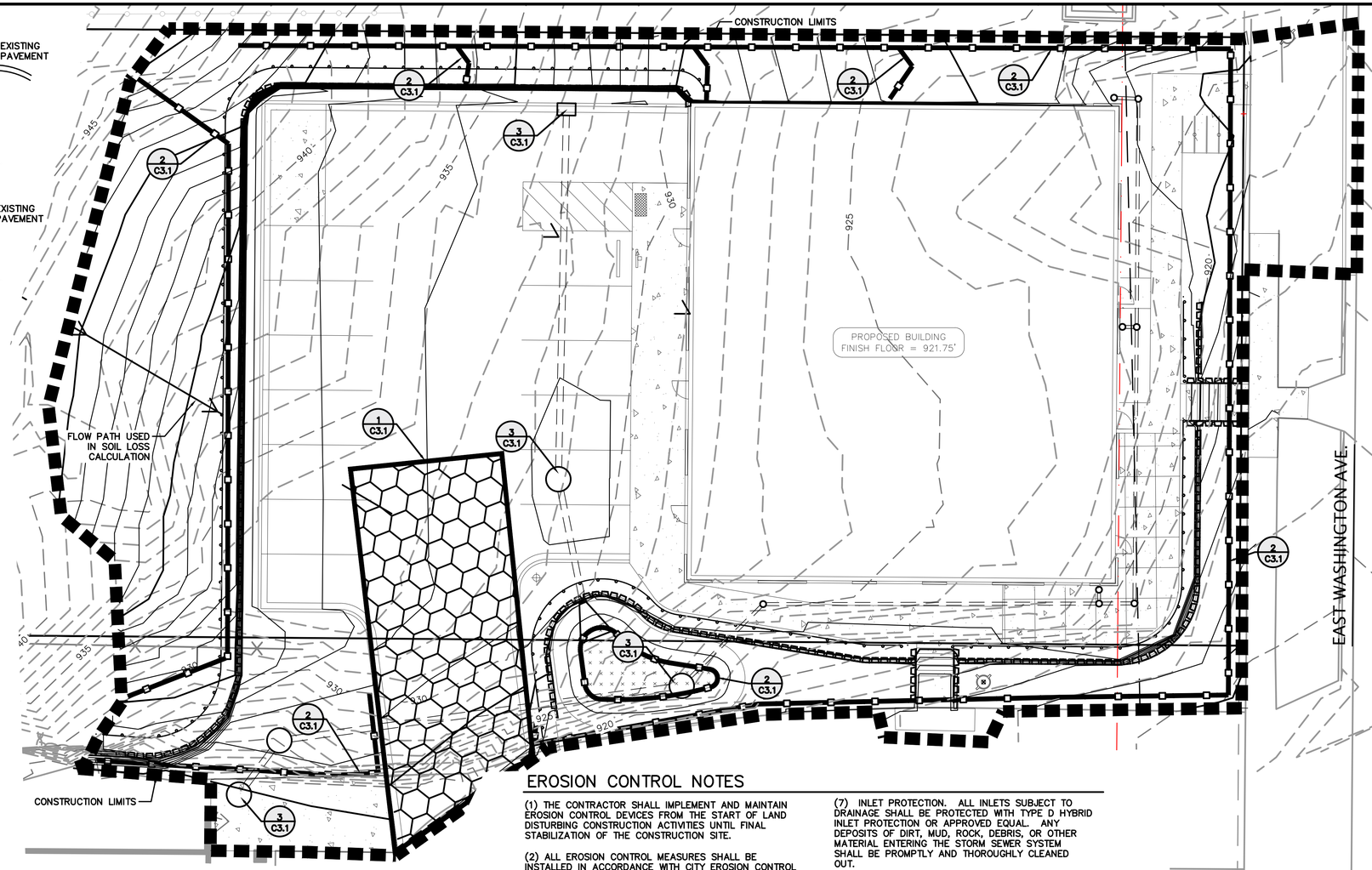
NOTES:

1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURAL WALL.
2. GEOTEXTILE FABRIC, TYPE FF FOR FLAPS AND TOP HALF OF FILTER BAG. GEOTEXTILE FABRIC, TYPE HR FOR BOTTOM HALF OF FILTER BAG WITH FRONT, BACK, AND BOTTOM BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5 FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X2". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



3 / C3.1 INLET PROTECTIONS, TYPE D – HYBRID

NTS



EROSION CONTROL NOTES

(1) THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN EROSION CONTROL DEVICES FROM THE START OF LAND DISTURBING CONSTRUCTION ACTIVITIES UNTIL FINAL STABILIZATION OF THE CONSTRUCTION SITE.

(2) ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH CITY EROSION CONTROL AND STORMWATER ORDINANCE AND THE APPROPRIATE WISCONSIN DNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS. THE CITY RESERVES THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES AS CONDITIONS WARRANT.

(3) CLEANING. RIGHT-OF-WAY SURFACES SHALL BE THOROUGHLY CLEANED BEFORE THE END OF EACH WORKING DAY WITHOUT HYDRAULIC FLUSHING.

(4) RESTORATION. RESTORATION SHALL BE COMPLETED AS NOTED IN THE CONSTRUCTION SCHEDULE UNLESS OTHERWISE AUTHORIZED BY THE CITY.

(5) INSPECTION. THE CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. DOCUMENTATION OF EACH INSPECTION SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION.

(6) STONE TRACKING PAD. BEFORE BEGINNING CONSTRUCTION, CONTRACTOR SHALL INSTALL A STONE TRACKING PAD AT EACH POINT WHERE VEHICLES ENTERS/EXITS THE CONSTRUCTION SITE. STONE TRACKING PADS SHOULD BE AT LEAST 24 FEET WIDE AND 50 FEET LONG, AND CONSTRUCTED OF 3-6 INCH WASHED STONE WITH A DEPTH OF AT LEAST 12 INCHES. ON SITES WITH CLAY SOILS, STONE TRACKING PADS MUST BE UNDERLAIN WITH A GEOTEXTILE LINER TO PREVENT THE STONE FROM SINKING INTO THE SOIL.

(7) INLET PROTECTION. ALL INLETS SUBJECT TO DRAINAGE SHALL BE PROTECTED WITH TYPE D HYBRID INLET PROTECTION OR APPROVED EQUAL. ANY DEPOSITS OF DIRT, MUD, ROCK, DEBRIS, OR OTHER MATERIAL ENTERING THE STORM SEWER SYSTEM SHALL BE PROMPTLY AND THOROUGHLY CLEANED OUT.

(8) EROSION MAT. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 4H:1V SHALL BE STABILIZED WITH WISCONSIN DOT CLASS 1, URBAN, TYPE B, EROSION MAT.

(9) TEMPORARY EROSION CONTROL. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

(10) STABILIZATION. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.

(11) TOPSOIL. A MINIMUM OF 4 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.

(12) SEEDING. SEED MIXTURE SHALL BE APPLIED AT A RATE OF 2 LBS PER 1,000 SF OF AREA OR AS NOTED ON THE LANDSCAPE PLAN.

(13) STOCKPILES. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.

0 10 20 30

SCALE : 1" = 10' (22 X 34)

1" = 20' (11 X 17)

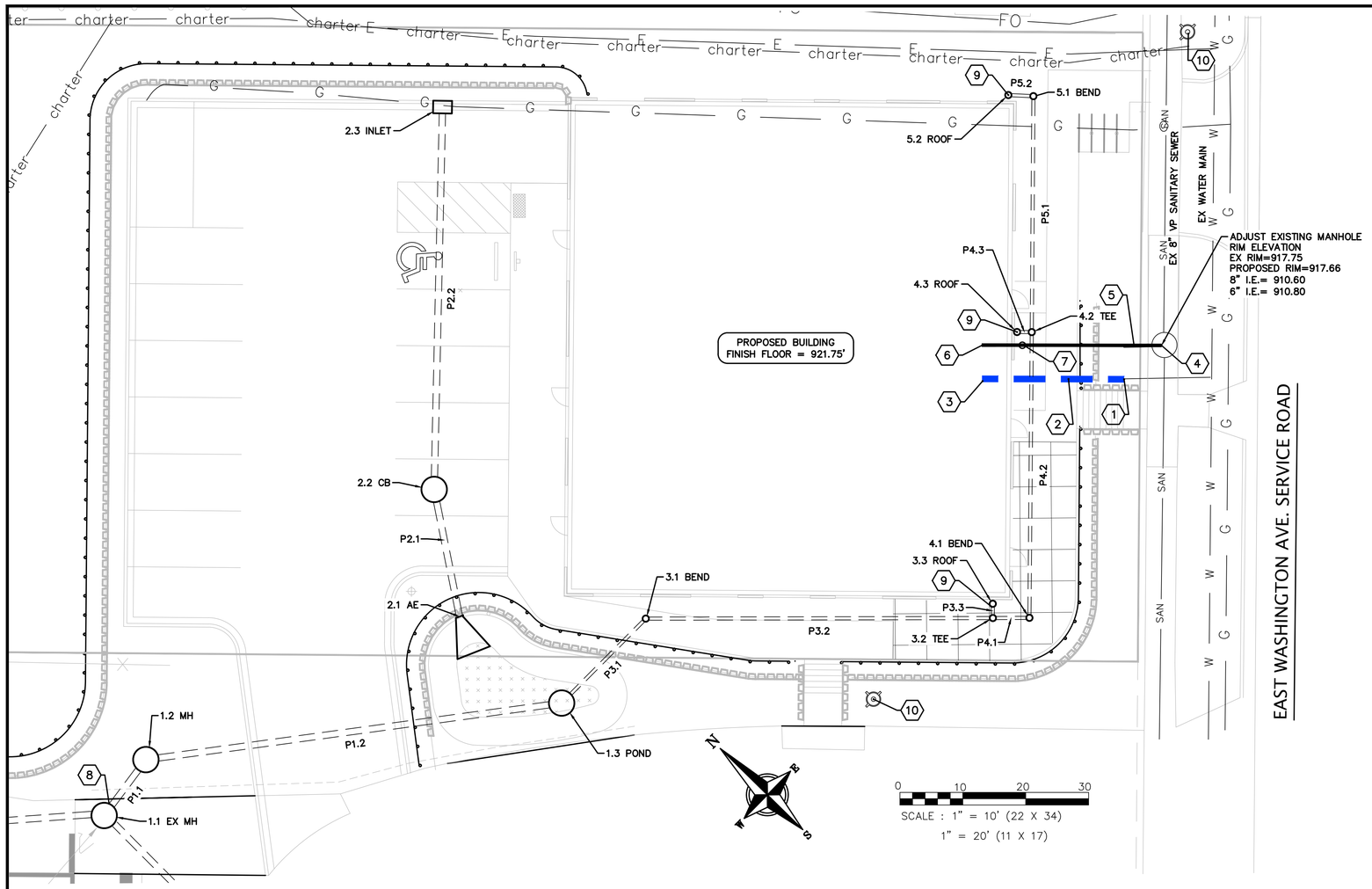
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04-22-19

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
www.pe-wi.com

4706 E WASHINGTON AVENUE EROSION CONTROL PLAN

MADISON, WISCONSIN

C3.1



STRUCTURE TABLE					
STRUCTURE NAME	SIZE	TOP OF CASTING	PIPES IN	PIPES OUT	CASTING
1.1 EX MH		919.59	P1.1, 12" INV IN =914.61		
1.2 MH	3–FT DIA.	922.06	P1.2, 12" INV IN =914.63	P1.1, 12" INV OUT =914.67	NEENAH R–1550
1.3 POND	3–FT DIA.	917.75	P3.1, 6" INV IN =915.50	P1.2, 12" INV OUT =915.00	HAALA #CG36TM
2.1 AE		918.50	P2.1, 12" INV IN =917.25		
2.2 CB	3–FT DIA.	920.75	P2.2, 12" INV IN =917.51	P2.1, 12" INV OUT =917.51	NEENAH R–2050
2.3 INLET	2X3–FT	921.64		P2.2, 12" INV OUT =918.12	NEENAH R–3067
3.1 BEND	BEND	921.25	P3.2, 6" INV IN =915.88	P3.1, 6" INV OUT =915.88	
3.2 TEE	TEE	921.60	P4.1, 6" INV IN =917.00 P3.3, 6" INV IN =917.00	P3.2, 6" INV OUT =916.98	
3.3 ROOF	CONNECT TO ROOF DOWNSPOUT	921.65		P3.3, 6" INV OUT =917.05	
4.1 BEND	BEND	921.65	P4.2, 6" INV IN =917.12	P4.1, 6" INV OUT =917.12	
4.2 TEE	TEE	921.59	P5.1, 6" INV IN =918.03 P4.3, 6" INV IN =918.03	P4.2, 6" INV OUT =918.03	
4.3 ROOF	CONNECT TO ROOF DOWNSPOUT	921.59		P4.3, 6" INV OUT =918.08	
5.1 BEND	BEND	920.92	P5.2, 6" INV IN =918.41	P5.1, 6" INV OUT =918.41	
5.2 ROOF	CONNECT TO ROOF DOWNSPOUT	921.66		P5.2, 6" INV OUT =918.45	

UTILITY NOTES

1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.

2. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF PREVIOUS PLANS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

3. ALL SITE UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS.

4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT–OF–WAY.

5. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE CITY OF MADISON PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.

6. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.

7. ALL STORM SEWER PIPE TO BE SDR–35 AS NOTED ON THE STORM SEWER SCHEDULE. ALL BRANCH CONNECTIONS TO BE WYES WITH 45 DEGREE BENDS.

8. CONTRACTOR SHALL CONFIRM CONNECTION ELEVATION GRADES OF ALL PIPES PRIOR TO BEGINNING CONSTRUCTION.

9. PRIVATE WATER MAIN 4" AND LARGER SHALL BE DUCTILE IRON OR C900 PVC. WATER SERVICES 2" AND SMALLER SHALL BE TYPE K, COPPER.

10. SANITARY SEWER SERVICES SHALL BE SDR–35 PVC.

11. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE CITY.

12. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.

13. UTILITIES SERVING PROPOSED BUILDINGS SHALL BE STUBBED WITHIN 5' OF THE PROPOSED BUILDING(S) AND STAKED.

14. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.

15. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2–INCH THICK POLYSTYRENE BOARD INSULATION.

16. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.

17. CONTRACTOR RESPONSIBLE FOR TRAFFIC CONTROL FOR WORK IN THE RIGHT–OF–WAY

PLAN KEY

1. CONNECT TO EXISTING WATER LATERAL PER CITY REQUIREMENTS
2. 1.5" WATER SERVICE
3. CONNECT TO BUILDING WATER SERVICE
4. CONNECT TO EXISTING MANHOLE PER CITY REQUIREMENTS
5. 6" SANITARY SEWER AT 2% SLOPE
6. SANITARY I.E.= 911.40'. CONNECT TO SANITARY BUILDING SEWER, SEE PLUMBING PLANS
7. CLEANOUT
8. CONNECT TO EXISTING STORM MANHOLE
9. CONNECT TO ROOF DOWNSPOUT
10. EXISTING HYDRANT

PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	START INVERT ELEVATION	END INVERT ELEVATION
P1.1	12"	12'	0.55%	SDR 35	914.67'	914.61'
P1.2	12"	67'	0.55%	SDR 35	915.00'	914.63'
P2.1	12"	21'	1.28%	SDR 35	917.51'	917.25'
P2.2	12"	61'	1.00%	SDR 35	918.12'	917.51'
P3.1	6"	19'	2.00%	SDR 35	915.88'	915.50'
P3.2	6"	56'	2.00%	SDR 35	916.98'	915.88'
P3.3	6"	3'	2.00%	SDR 35	917.05'	917.00'
P4.1	6"	6'	2.00%	SDR 35	917.12'	917.00'
P4.2	6"	46'	2.00%	SDR 35	918.03'	917.12'
P4.3	6"	3'	2.00%	SDR 35	918.08'	918.03'
P5.1	6"	38'	1.00%	SDR 35	918.41'	918.03'
P5.2	6"	4'	1.00%	SDR 35	918.45'	918.41'

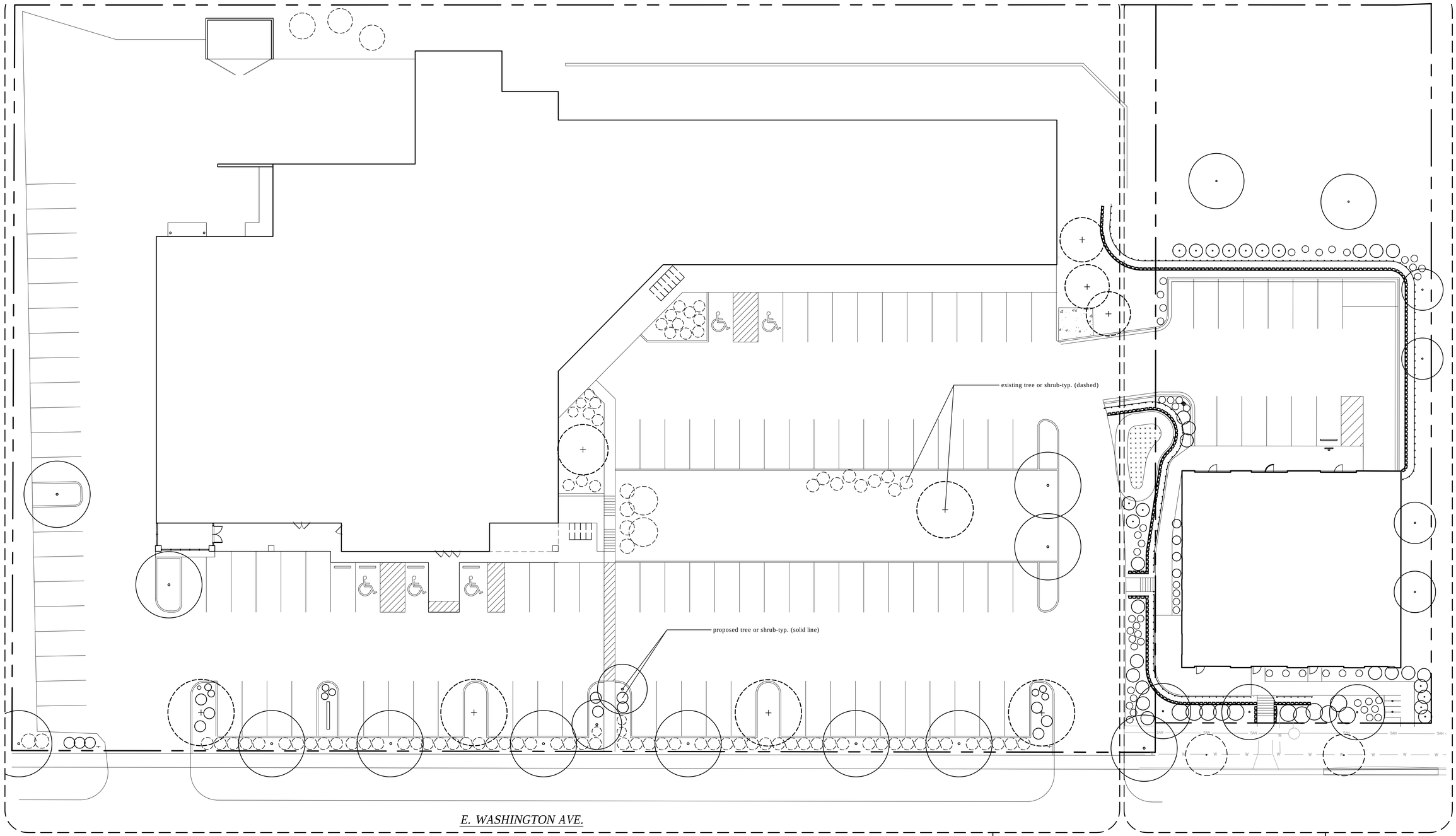
ISSUANCE/REVISION	DATE
SITE PLAN REVIEW	04–22–19

PROFESSIONAL ENGINEERING LLC
818 N Meadowbrook Ln
Waunakee, WI 53597
phone (608) 849-9378
www.pe-wi.com

4706 E WASHINGTON AVENUE UTILITY PLAN

MADISON, WISCONSIN

C4.0



SEE SHEET LS1.1

SEE SHEET LS1.2

1 OVERALL LANDSCAPE PLAN - 4630 AND 4602 E. Washington Ave.

Scale: 1/16"=1'-0"

0' 16' 32'

N

NOTES:

1. Existing conditions at 4630 E. Washington were reviewed on 4/20/19 and are documented above.

1918 PARMENTER ST., SUITE #2
MIDDLETON, WISCONSIN 53562
PHONE 608.831.0220
FAX 608.831.0229

SHULFER
ARCHITECTS, LLC

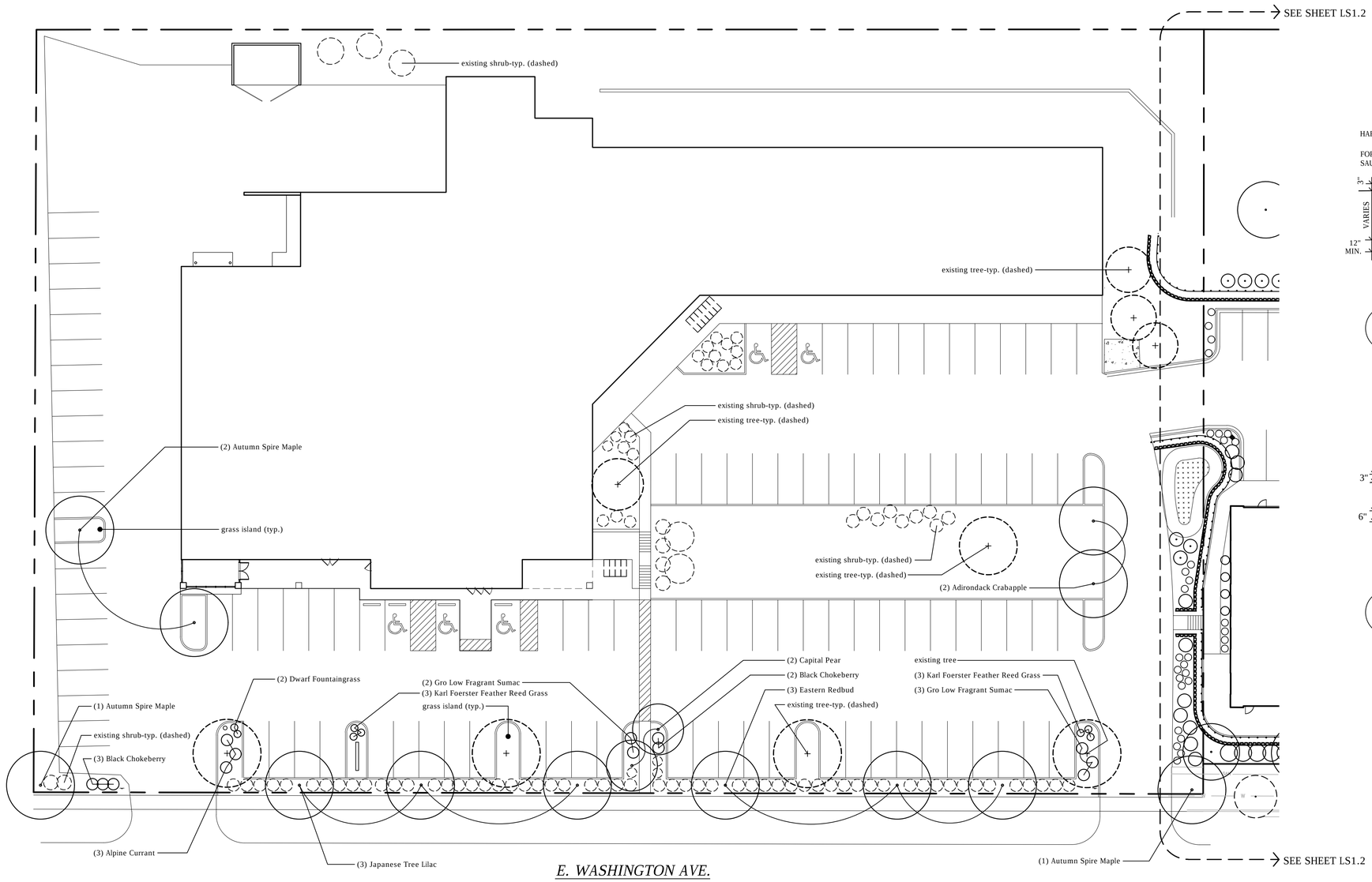
4630 East Washington Ave.

4630 East Washington Ave.
MADISON WISCONSIN

OVERALL LANDSCAPE PLAN

04/23/19
STAFF COMMENTS

LS1.0



1 EXISTING CONDITIONS REVIEW AND LANDSCAPE PLAN

NOTES:

1. Individual lawn trees and shrub groupings found within lawn areas are to receive wood mulch rings and/or wood mulch beds consisting of a mixture of recycled brown dyed wood mulch spread to a 3" min. depth over a pre-emergent herbicide.

2. "grass islands" areas shall be finish graded and seeded at a rate of 4 lbs. per 1,000 sq. ft. Basis of Design: Madison Parks Lawn Seed Mix. EarthCarpet Corporation. (www.seedsolutions.com)

3. All existing landscaping was reviewed on site and is shown "dashed".

PLANTING LIST:

Autumn Spire Maple	Acer rubrum 'Autumn Spire'	2 ½" cal. B&B
Eastern Redbud	Cercis canadensis (Columbus Strain)	2" cal. B&B
Adirondack Crabapple	Malus 'Adirondack'	2" cal. B&B
Capital Pear	Pyrus calleryana 'Capital'	2" cal. B&B
Japanese Tree Lilac	Syringa reticulata	2" cal. B&B
Alpine Currant	Ribes alpinum	18" ht.
Gro Low Fragrant Sumac	Rhus aromatica 'Gro Low'	18" ht.
Black Chokeberry	Aronia melanocarpa var. elata	18" ht.
Dwarf Fountaingrass	Pennisetum alopecuroides	1 gal.
Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 gal.

Scale: 1"=20'-0"

0' 20' 40'

N

Landscape Calculations and Distribution:

(a) One (1) landscape unit for each (300) sf developed area
Total sf of developed area = 51,552 sf
Developed area divided by (300) = 172 Landscape Units

(b) Within (lL) and (lG) districts, one (1) landscape unit for each (600) sf developed area
Total sf of developed area = NA
Developed area divided by (600) = NA Landscape Units

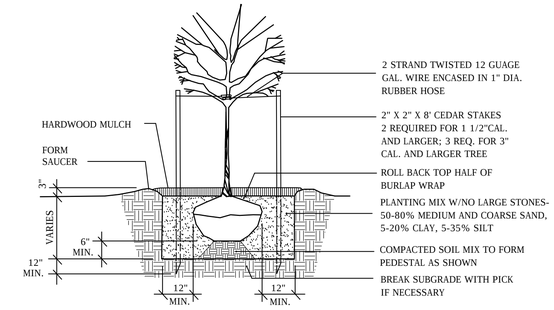
(c) One landscape unit = 5 landscape points
Landscape units (172) x 5 landscape points = 860 Total Points Required (1,016 provided; see below Tabulation)

Development Frontage Landscaping:

Provide (1) overstory deciduous tree and five (5) shrubs per (30) lf of lot frontage
Existing Lot frontage = 413 lf
Tree Required = 14
Tree Shown = 4 existing + 10 new = 14 proposed
Shrubs Required = 68
Shrubs Shown = 62 existing + 14 new = 76 proposed

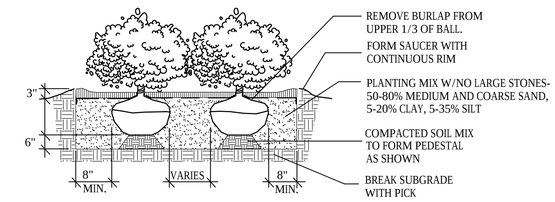
Tabulation of Points and Credits:

			Existing		Proposed	
Plant Type/Element	Min. size	Points	Qty.	Pts.	Qty.	Pts.
Overstory Deciduous Tree	2 1/2" cal.	35	4	140	12	420
Ornamental tree	1 1/2" cal.	15	7	105	2	60
Evergreen tree	3 feet tall	15	-	-	-	-
Shrub, deciduous	18" or 3 gal.	2	104	206	13	25
Shrub, evergreen	18" or 3 gal.	3	3	9	-	-
Ornamental grasses	18" or 3 gal.	2	-	-	8	16
Ornamental fence or wall	na	4 per 10 lf	-	-	-	-
Total				460 +		521 = 981 Total Points Provided (860 Required)



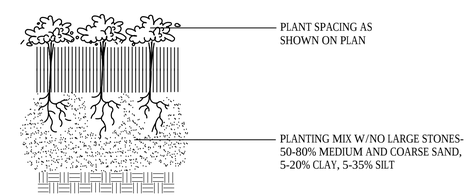
2 TREE PLANTING

NTS



3 SHRUB PLANTING

NTS



4 PERENNIAL PLANTING

NTS

1918 PARMENTER ST., SUITE #2
MIDDLETON, WISCONSIN 53562
PHONE 608.831.6019
FAX 608.831.6029
SHULFER ARCHITECTS, LLC

4630 East Washington Ave.

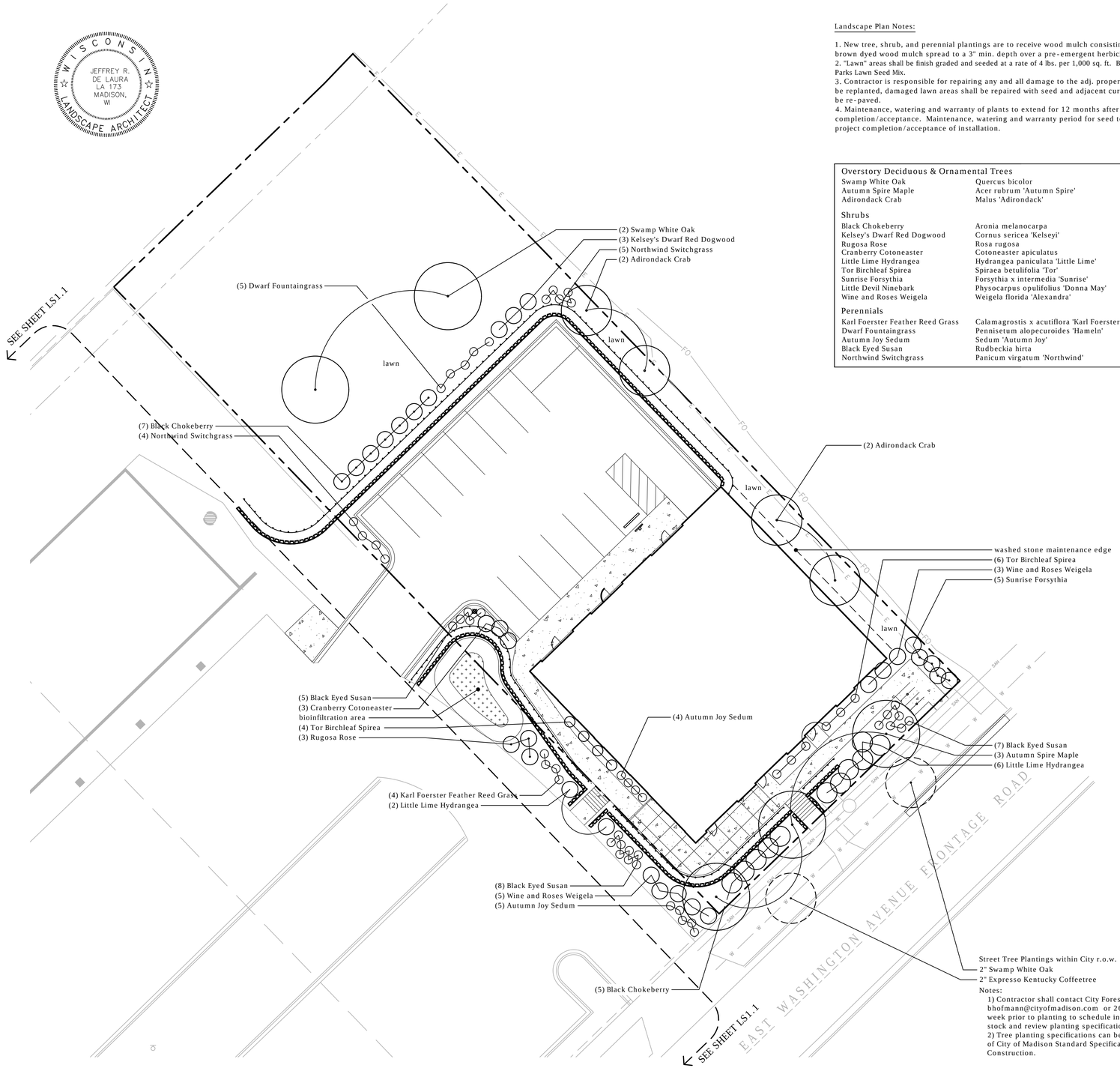
4630 East Washington Ave.
MADISON WISCONSIN

EXIST. CONDITIONS & LANDSCAPE PLAN

04/23/19
STAFF COMMENTS

WISCONSIN
JEFFREY R. DE LAURA
LA 173
MADISON, WI
LANDSCAPE ARCHITECT

LS1.1



Notes:
1) Contractor shall contact City Forestry Brad Hofmann bhofmann@cityofmadison.com or 266-4816 at least one week prior to planting to schedule inspecting the nursery stock and review planting specifications with the landscaper.
2) Tree planting specifications can be found in section 209 of City of Madison Standard Specifications for Public Works Construction.

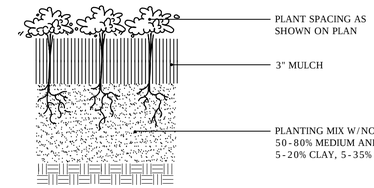
1 LANDSCAPE PLAN

1/16"=1'-0"

Landscape Plan Notes:

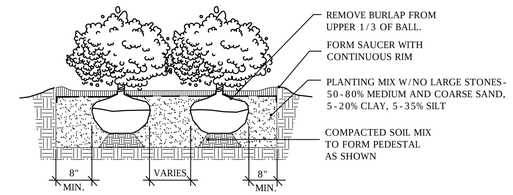
1. New tree, shrub, and perennial plantings are to receive wood mulch consisting of recycled, shredded brown dyed wood mulch spread to a 3" min. depth over a pre-emergent herbicide.
2. "Lawn" areas shall be finish graded and seeded at a rate of 4 lbs. per 1,000 sq. ft. Basis of Design: Madison Parks Lawn Seed Mix.
3. Contractor is responsible for repairing any and all damage to the adj. properties. Planted areas shall be replanted, damaged lawn areas shall be repaired with seed and adjacent curbs and pavement shall be re-paved.
4. Maintenance, watering and warranty of plants to extend for 12 months after project completion/acceptance. Maintenance, watering and warranty period for seed to extend 60 days from project completion/acceptance of installation.

Overstory Deciduous & Ornamental Trees		
Swamp White Oak	Quercus bicolor	2 1/2" cal.
Autumn Spire Maple	Acer rubrum 'Autumn Spire'	2 1/2" cal.
Adirondack Crab	Malus 'Adirondack'	2 1/2" cal.
Shrubs		
Black Chokeberry	Aronia melanocarpa	24" ht.
Kelsey's Dwarf Red Dogwood	Cornus sericea 'Kelseyi'	24" ht.
Rugosa Rose	Rosa rugosa	18" ht.
Cranberry Cotoneaster	Cotoneaster apiculatus	18" ht.
Little Lime Hydrangea	Hydrangea paniculata 'Little Lime'	24" ht.
Tor Birchleaf Spirea	Spiraea betulifolia 'Tor'	18" ht.
Sunrise Forsythia	Forsythia x intermedia 'Sunrise'	18" ht.
Little Devil Ninebark	Physocarpus opulifolius 'Donna May'	18" ht.
Wine and Roses Weigela	Weigela florida 'Alexandra'	18" ht.
Perennials		
Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 gal.
Dwarf Fountaingrass	Pennisetum alopecuroides 'Hameln'	1 gal.
Autumn Joy Sedum	Sedum 'Autumn Joy'	1 gal.
Black Eyed Susan	Rudbeckia hirta	1 gal.
Northwind Switchgrass	Panicum virgatum 'Northwind'	1 gal.



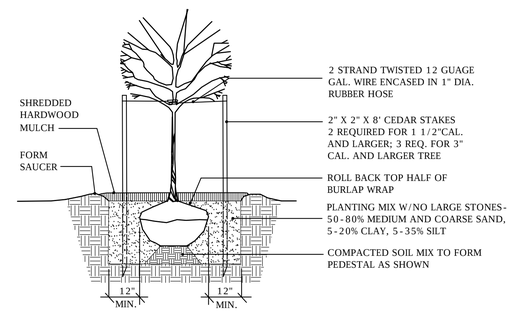
2 PERENNIAL PLANTING

NTS



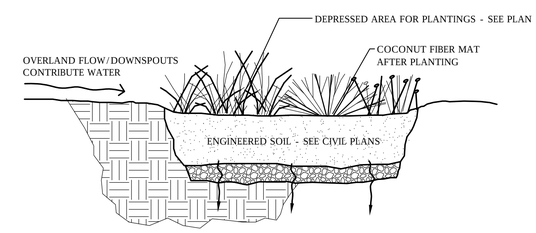
3 SHRUB PLANTING

NTS



4 TREE PLANTING

NTS



5 BIOINFILTRATION AREA

NTS

Landscape Calculations and Distribution:

Five (5) landscape points shall be provided per each (300) sf of developed area for first (5) acres
Total sf of developed area = 6,767 sf (.16 acres)
Developed area (6,767) divided by (300) x 5 = 113 Points Required

Development Frontage Landscaping
Total lf of lot frontage = 100
Required Trees = 3 Provided Trees = 3
Required Shrubs = 17 Provided Shrubs = 17

Tabulation of Points and Credits:

			Existing		Proposed	
Plant Type/Element	Min. size	Points	Qty.	Pts.	Qty.	Pts.
Overstory deciduous tree	2 1/2" cal.	35	-	-	5	175
Ornamental tree	1 1/2" cal.	15	-	-	2	30
Upright evergreen shrub	3-4 feet tall	10	-	-	-	-
Shrub, deciduous	18" or 3 gal.	3	-	-	52	156
Shrub, evergreen	18" or 3 gal.	4	-	-	-	-
Ornamental grasses	18" or 3 gal.	2	-	-	18	36
Ornamental fence or wall	na	4 per 10 lf	-	-	-	-
Total				-		397

397 Total Points Provided (113 Required)

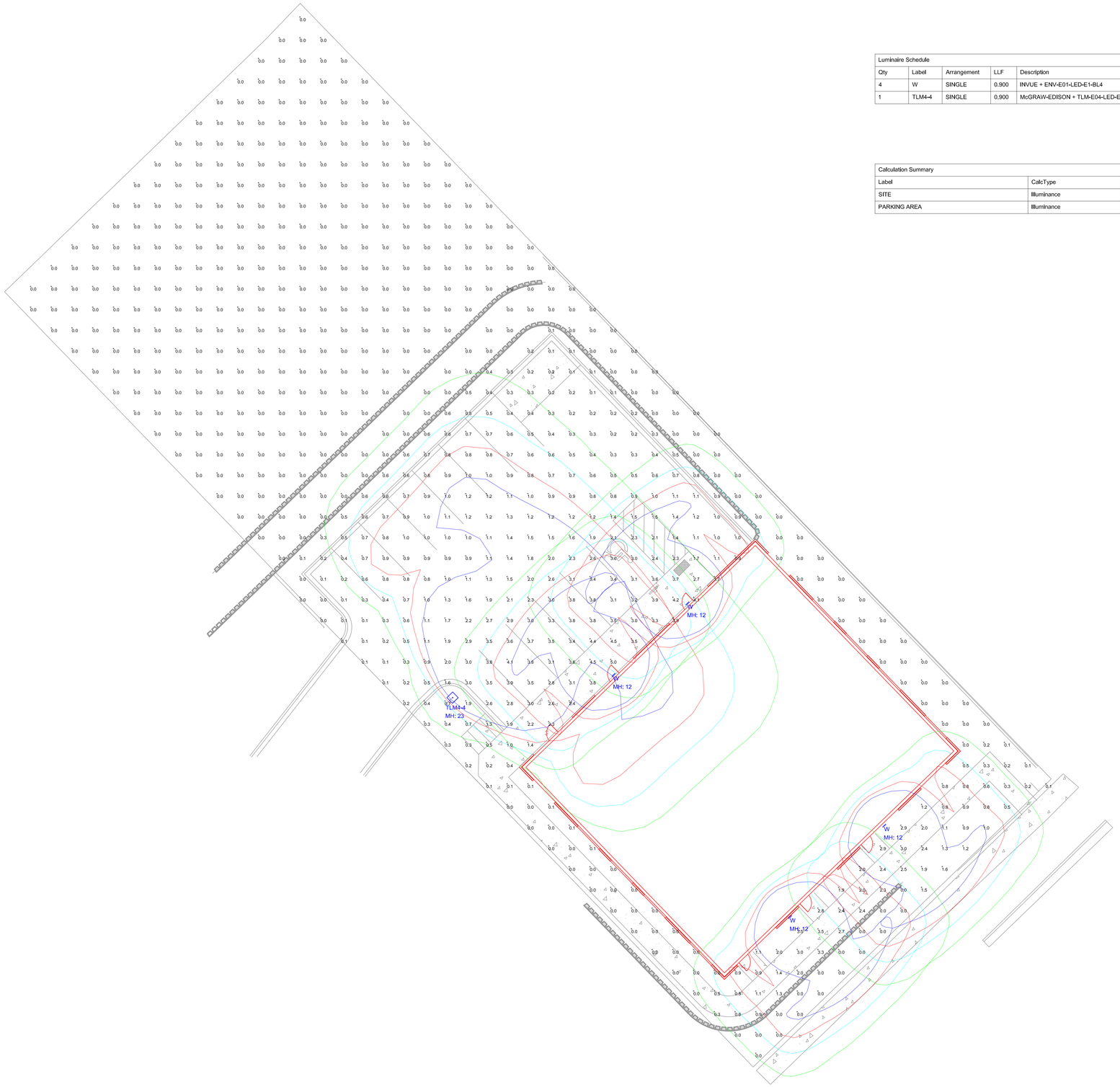
Sketchworks architecture LLC
7780 Elmwood Ave., Middleton, WI 53562
(608) 836-7070, www.sketchworksarch.com

MULTI TENANT BUILDING
4706 EAST WASHINGTON AVE.

LANDSCAPE PLAN

01/08/19 SUBMITTAL
02/11/19 STAFF COMMENTS
03/28/19 UPDATE
04/23/19 STAFF COMMENTS

LS1.2



Luminaire Schedule							
Qty	Label	Arrangement	LLF	Description	Lum. Watts	Total Watts	Lum. Lumens
4	W	SINGLE	0.900	INVUE + ENV-E01-LED-E1-BL4	24.7	98.8	2613
1	TLM4-4	SINGLE	0.900	McGRAW-EDISON + TLM-E04-LED-E1-SL4-HSS (20' POLE 3; BA	97.2	97.2	8139

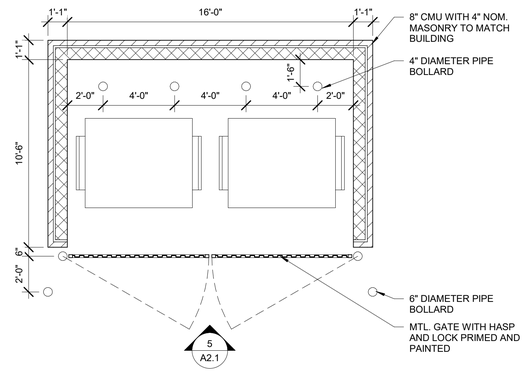
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.58	5.0	0.0	N.A.	N.A.
PARKING AREA	Illuminance	Fc	1.48	4.4	0.1	14.80	44.00

Enterprise Lighting LTD

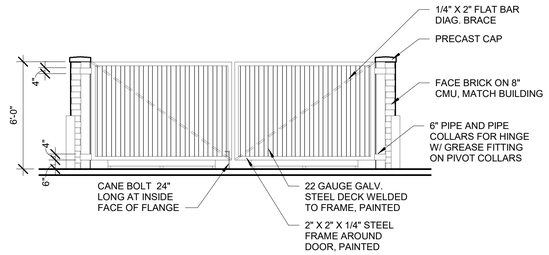
MULTI-TENANT BUILDING
4706 E WASHINGTON AVE
MADISON, WISCONSIN

SITE
LIGHTING LAYOUT

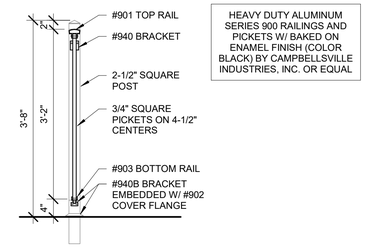
DATE	SCALE	SHEET NUMBER
JAN 8, 2019	1/32" = 1'- 0"	E1



2 TRASH ENCLOSURE PLAN
1/4" = 1'-0"

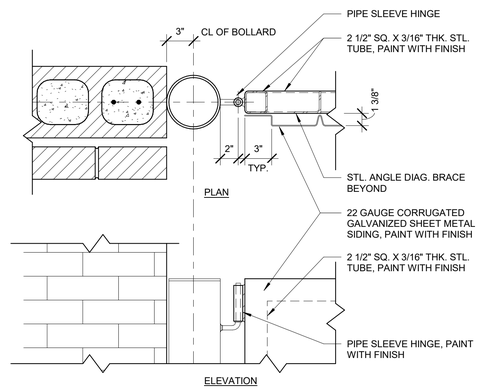


5 TRASH ENCLOSURE ELEVATION
1/4" = 1'-0"

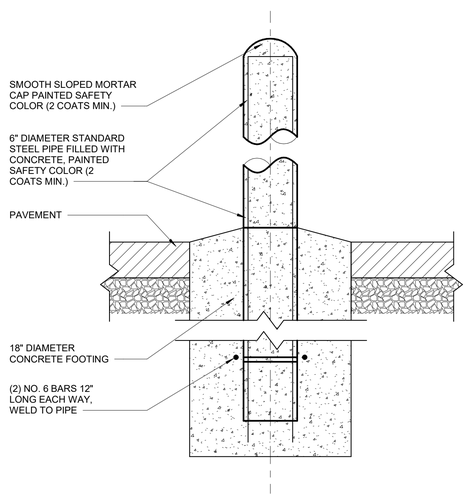


HEAVY DUTY ALUMINUM SERIES 900 RAILINGS AND PICKETS W/ BAKED ON ENAMEL FINISH (COLOR BLACK) BY CAMPBELLSVILLE INDUSTRIES, INC. OR EQUAL

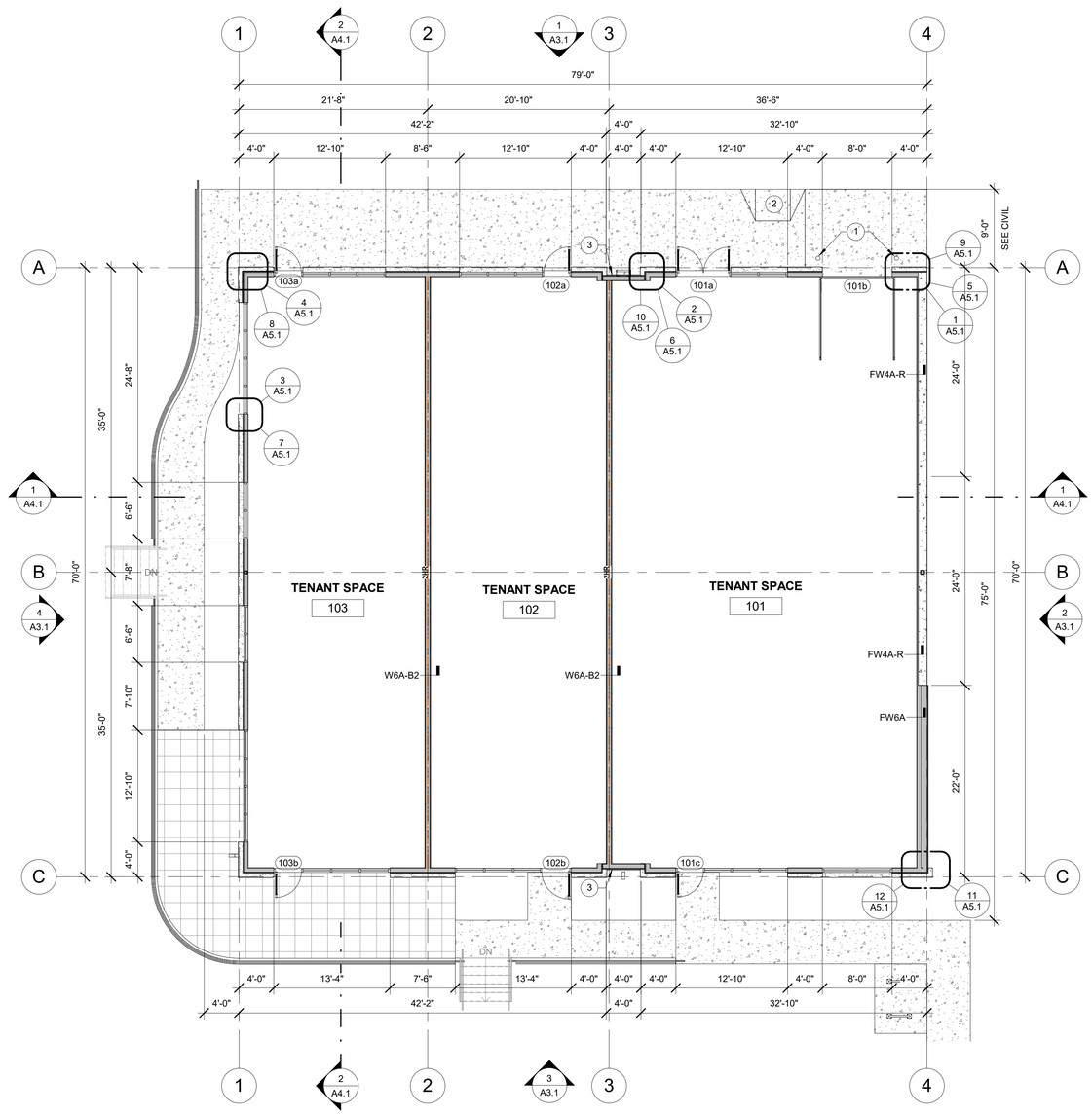
6 FENCE SECTION DETAIL
3/4" = 1'-0"



3 TRASH GATE DETAIL
1 1/2" = 1'-0"



4 BOLLARD DETAIL
N.T.S.



1 FLOOR PLAN
1/8" = 1'-0"

0' 2' 4' 8' 16'
0' 1/4" 1/2" 1" 2"
SCALE: 1/8" = 1'-0"

PLAN NORTH

TRUE NORTH

CONSTRUCTION SET

GENERAL PLAN NOTES:

A. MECHANICAL, ELECTRICAL AND PLUMBING IMPROVEMENTS TO BE DESIGN BUILD UNO. DESIGNED AS REQUIRED BY CURRENT BUILDING CODES. MEP DESIGN BUILD CONTRACTOR(S) RESPONSIBLE FOR ENSURING CODE COMPLIANT CONSTRUCTION OF NEW SYSTEMS IN TENANT SPACES.

B. PROVIDE ACCESSIBLE TOILET ROOM FIXTURES AND ACCESSORIES PER MOUNTING HEIGHTS INDICATED ON SHEET A0.2

C. PROVIDE ADA APPROVED THRESHOLDS AT ALL NEW FLOOR TRANSITIONS AND DOORWAYS

D. EXTERIOR DIMENSIONS ARE FROM GRIDLINE TO GRIDLINE, OR TO EDGE OF FOUNDATION WALL UNO. PLEASE CONTACT ARCHITECT WITH ANY DISCREPANCIES.

E. INTERIOR DIMENSIONS ARE TO FACE OF FRAME OR COLUMN CENTERLINE UNLESS OTHERWISE NOTED. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

F. CONTRACTOR SHALL NOTIFY ARCHITECT, ENGINEER AND OWNER IMMEDIATELY UPON DISCOVERING ANY UNANTICIPATED STRUCTURAL CONDITIONS OR DISCREPANCIES WITH PROPOSED MODIFICATIONS.

G. PROVIDE SOUND INSULATION IN ALL DEMISING WALLS AND INTERIOR WALLS UNO

H. FIRE EXTINGUISHER CABINETS: SIZE AND DISTRIBUTION PER TABLE 906.3(1) IN THE 2015 IBC. CABINETS TO BE PARTIALLY RECESSED AND RATED TO MEET THE ASSOCIATED WALL FIRE RATING

I. GENERAL CONTRACTOR TO SECURE CONSTRUCTION AREA DURING CONSTRUCTION WORK. SEAL ALL DOORS AS REQUIRED. CONSTRUCT AND MAINTAIN A FLOOR TO CEILING DUST BARRIER, TO PROVIDE SEPARATION FOR DUST, DEBRIS AND SOUND

J. GENERAL CONTRACTOR TO COORDINATE CONSTRUCTION SCHEDULE TO MINIMIZE IMPACT ON EXISTING BUILDING OPERATIONS AND PLANNED EVENTS. CONSTRUCTION SPACE MUST BE CLEAN AND AVAILABLE FOR USE PERIODICALLY PER OWNERS REQUEST. VERIFY SCHEDULED EVENTS WITH OWNER PRIOR TO CONSTRUCTION START AND ARRANGE CONSTRUCTION SCHEDULE TO MEET OWNER'S NEEDS. COORDINATE SYSTEMS AND UTILITY SHUT DOWNS WITH OWNER PRIOR TO COMMENCEMENT OF WORK

K. GENERAL CONTRACTOR TO MAINTAIN A PATH THROUGH PORTIONS OF THE CONSTRUCTION AREA FOR ACCESS TO EGRESS ROUTES

L. SUBMIT ALL FINISHES TO THE ARCHITECT FOR APPROVAL

KEYED PLAN NOTES:

1. PIPE BOLLARDS
2. ADA RAMP - SEE CIVIL DRAWINGS
3. EXTERIOR HOSE BIB - ALIGN WITH DEMISING WALL

Sketchworks architecture LLC
7790 Elmwood Ave., Middleton, WI 53562
(608) 836-7570, www.sketchworksarch.com

MULTI-TENANT BUILDING

NEW COMMERCIAL BUILDING

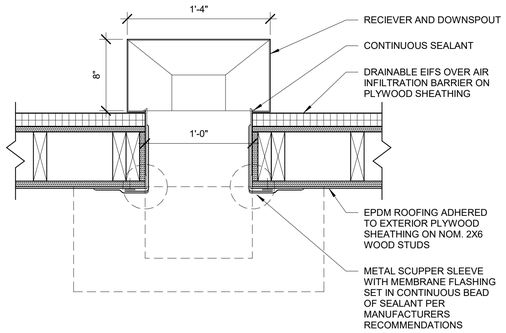
4706 E. WASHINGTON AVE.
MADISON, WI 53704

FIRST FLOOR PLAN

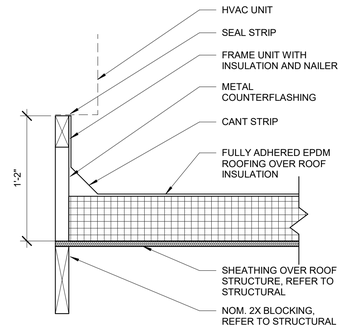
Project Status

A	19/01/09	PC SUBMITTAL
B	19/01/30	BID SET
C	19/03/28	UDC SUBMITTAL
	19/05/06	FOR CONSTRUCTION

A2.1



2 SCUPPER DETAIL
1 1/2" = 1'-0"



3 HVAC CURB DETAIL
1 1/2" = 1'-0"

GENERAL ROOF PLAN NOTES:

A. EXTERIOR DIMENSIONS ARE FROM GRIDLINE TO GRIDLINE, OR TO EDGE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. PLEASE CONTACT ARCHITECT WITH ANY DISCREPANCIES.

B. DIMENSIONS ARE TO FACE OF EAVE UNO. VERIFY ALL EXISTING CONDITIONS AND ADJUST WALL DIMENSIONS ACCORDINGLY. CONTACT ARCHITECT WITH ANY DISCREPANCIES.

C. STAIRWELL, ELEVATOR, AND MECHANICAL CHASE INTERIOR WALLS SHALL BE CONTINUOUS TO BOTTOM OF RATED CEILING ASSEMBLY CAP

D. PROVIDE APPROPRIATE INSULATION IN ATTIC AREA, PROVIDE VAPOR BARRIER BELOW INSULATION

E. PROVIDE DRAFTSTOPPING IN ATTIC/ CEILINGS AS REQUIRED

F. PROVIDE ADEQUATE ATTIC VENTING, 1 SF OF VENTING PER 300 SF ATTIC AREA (PROVIDE VAPOR BARRIER BELOW INSULATION IN ATTIC), 50% EXHAUST AND 50% INTAKE, AS REQUIRED

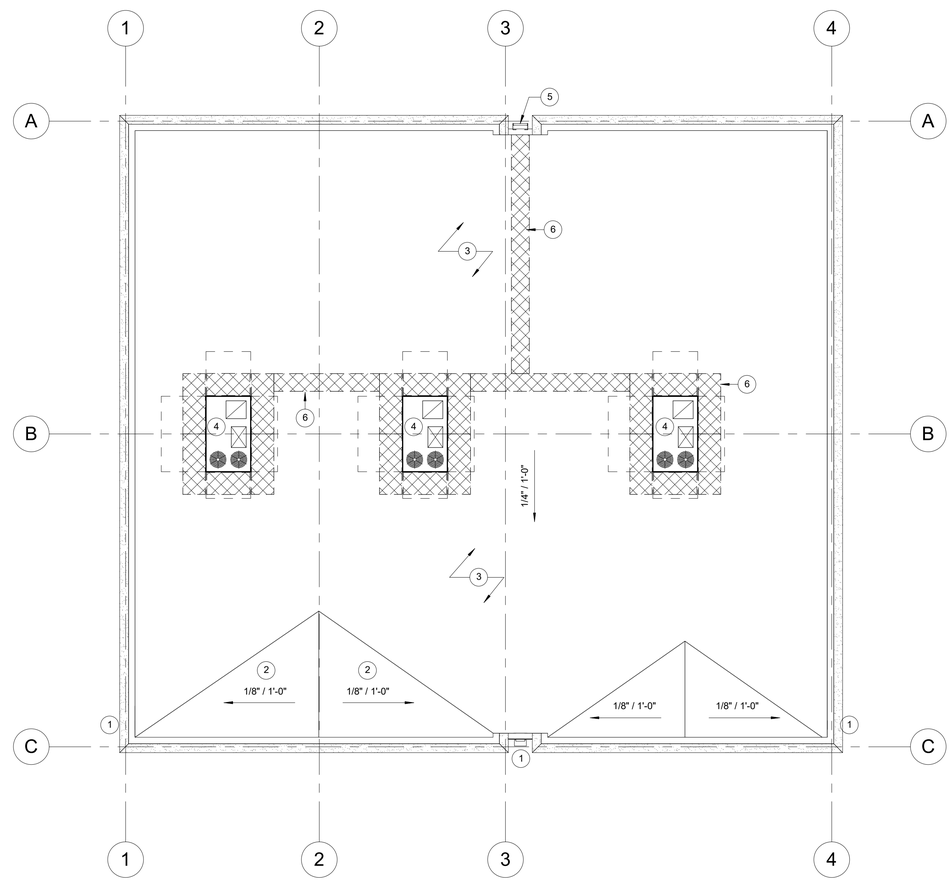
G. INSTALL ICE AND WATER SHIELD AT ALL ROOF EAVES AND VALLEYS. EXTEND FROM EAVE TO 24" MIN INSIDE THE EXTERIOR WALL LINE. INSTALL PER MFG SPECIFICATIONS

H. GUTTERS AT EDGE OF ALL SLOPED ROOF LOCATIONS

I. FINAL DOWNSPOUT LOCATION SHOULD BE COORDINATED BETWEEN THE ROOFING CONTRACTOR, THE ARCHITECT AND THE CIVIL ENGINEER, VERIFY LOCATION OF DOWNSPOUTS

KEYED PLAN NOTES:

1. PREFINISHED SCUPPER AND DOWNSPOUT, COLOR T.B.D
2. SLOPED INSULATION ROOF CRICKET
3. FULLY ADHERED EPDM ROOFING OVER R-25 MIN. RIGID INSULATION ON ROOF SHEATHING OVER TAPERED ROOF TRUSSES
4. RTU; APPROX. LOCATION SHOWN, COORDINATE WITH HVAC CONTRACTOR
5. ROOF ACCESS LADDER WITH LOCKABLE ACCESS PANEL, SEE ELEVATIONS
6. ROOFTOP PAVERS



1 ROOF PLAN
1/8" = 1'-0"

0' 2' 4' 8' 16'
0' 1/4" 1/2" 1" 2"
SCALE: 1/8" = 1'-0"
PLAN NORTH
TRUE NORTH

CONSTRUCTION SET

Sketchworks architecture LLC
7790 Elmwood Ave., Middleton, WI 53562
(608) 836-7570, www.sketchworksarch.com

MULTI-TENANT BUILDING

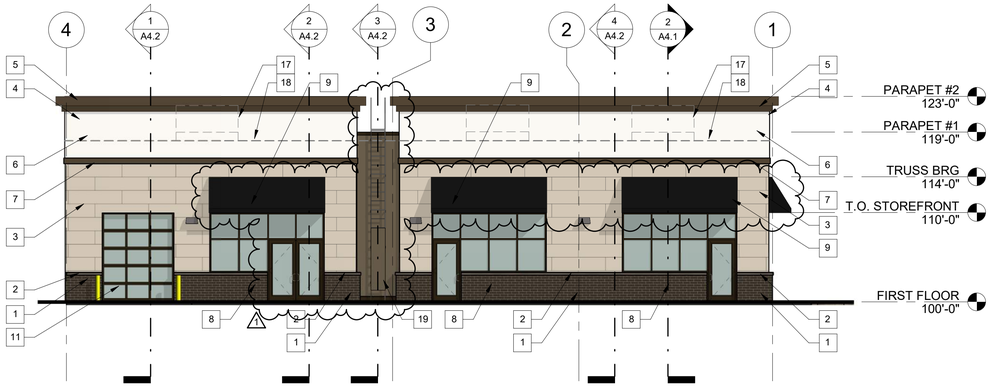
NEW COMMERCIAL BUILDING
4706 E. WASHINGTON AVE.
MADISON, WI 53704

ROOF PLAN

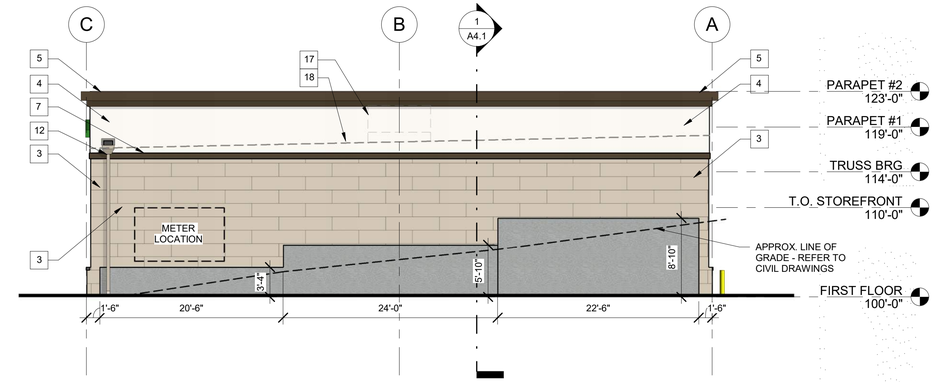
Project Status

A	19/01/09	PC SUBMITTAL
B	19/01/30	BID SET
C	19/03/28	UDC SUBMITTAL
	19/05/06	FOR CONSTRUCTION

A2.2

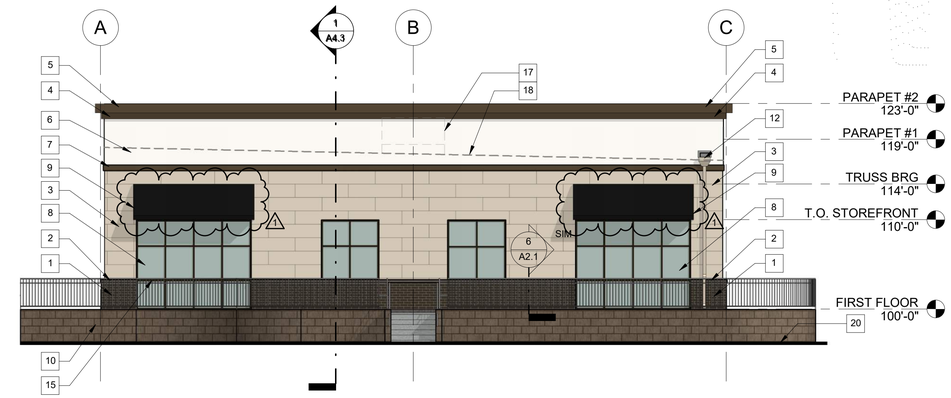


1 NORTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"

3 SOUTH ELEVATION
1/8" = 1'-0"



4 WEST ELEVATION
1/8" = 1'-0"

28.060 GENERAL PROVISIONS FOR MIXED-USE COMMERCIAL DISTRICTS - DOOR AND WINDOW OPENING REQUIREMENTS

60% OF LENGTH AT GROUND FLOOR
REQUIRED: 47'-5"
PROVIDED: 47'-6"

40% OF AREA OF GROUND FLOOR STREET FACADE
REQUIRED: 442.4 SF
PROVIDED: 448.3 SF

50% OF WINDOW SILLS WITHIN 3'-0" OF GRADE
REQUIRED: 23'-9"
PROVIDED: 39'-6"

EXTERIOR MATERIAL LIST

#	DESCRIPTION	MANUFACTURER	TYPE/STYLE	COLOR	COMMENTS
1	BRICK VENEER	SIOUX CITY BRICK	MODULAR	BLACK HILLS VELOUR	
2	PRECAST SILL	CUSTOM CAST STONE	SMOOTH FACE	OLIVE BUFF	
3	FIBER CEMENT PANEL	ALLURA OR EQUIVALENT	SMOOTH FACE PANEL	LINEN	
4	EIFS FASCIA	DRYVIT	SHOT BLAST FINE	WELL BRED BROWN	
5	PREFINISHED METAL COPING			MEDIUM BRONZE	MATCH ALUMINUM STOREFRONT
6	EIFS SIGNAGE BAND	DRYVIT	SHOT BLAST FINE	NATURAL WHITE	
7	EIFS SIGNAGE TRIM	DRYVIT	SHOT BLAST FINE	WELL BRED BROWN	
8	ALUMINUM STOREFRONT			ANODIZED MEDIUM BRONZE	LOW-E GLAZING
9	FABRIC AWNING			BLACK	
10	CMU RETAINING WALL				COLOR TO MATCH BLACK HILLS VELOUR BRICK
11	GLASS PANEL SECTIONAL DOOR	OVERHEAD DOOR, OR EQUAL		ANODIZED DARK BRONZE	MATCH ALUMINUM STOREFRONT; VERIFY WITH TENANT ON CONTROLS
12	PREFINISHED SCUPPER AND DOWNSPOUT				COLOR TO MATCH ADJACENT FIBER CEMENT MATERIAL
13	FIBER CEMENT SIDING	JAMES HARDIE OR EQUIVALENT	SMOOTH TEXTURE	RICH ESPRESSO	
14	CAST STONE	CUSTOM CAST STONE	SMOOTH FACE	OLIVE BUFF	
15	GUARDRAIL	CAMPBELLSVILLE INDUSTRIES, INC	900 SERIES	BLACK	OR EQUAL; REFER TO DETAIL 6/A2.1
16	TENANT SIGNABLE AREA				PROVIDE ELECTRICAL CONNNECTION FOR TENANT SIGNAGE
17	ROOF TOP UNIT	TBD			3'HX7'W SHOWN FOR REFERENCE; COORDINATE WITH HVAC CONTRACTOR
18	ROOF LINE				GRAY DASHED LINE SHOWS ROOF LINE FOR REFERENCE
19	ROOF ACCESS LADDER				OSHA APPROVED ROOF ACCESS LADDER WITH LOCKABLE SECURITY GATE. PAINT TO MATCH SIDING PANEL
20	GRADE VARIES, SEE CIVIL				

0' 2' 4' 8' 16'
0' 1/4" 1/2" 1" 2"
SCALE: 1/8" = 1'-0"

CONSTRUCTION SET

Sketchworks architecture LLC
7790 Elmwood Ave., Middleton, WI 53562
(608) 836-7570, www.sketchworksarch.com

MULTI-TENANT BUILDING

NEW COMMERCIAL BUILDING
4706 E. WASHINGTON AVE.
MADISON, WI 53704

EXTERIOR ELEVATIONS

Project Status

A	19/01/09	PC SUBMITTAL
B	19/01/30	BID SET
C	19/03/28	UDC SUBMITTAL
1	19/05/06	FOR CONSTRUCTION

A3.1

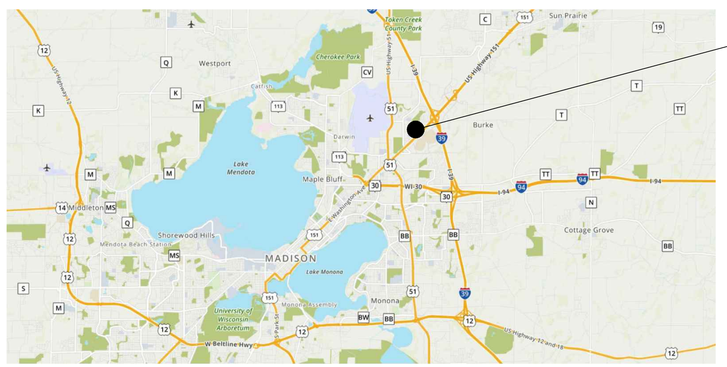
Municipal Approval Stamps

INTERIOR BUILDOUT
MADISON EAST
4706 E. WASHINGTON AVE
MADISON, WI 53704

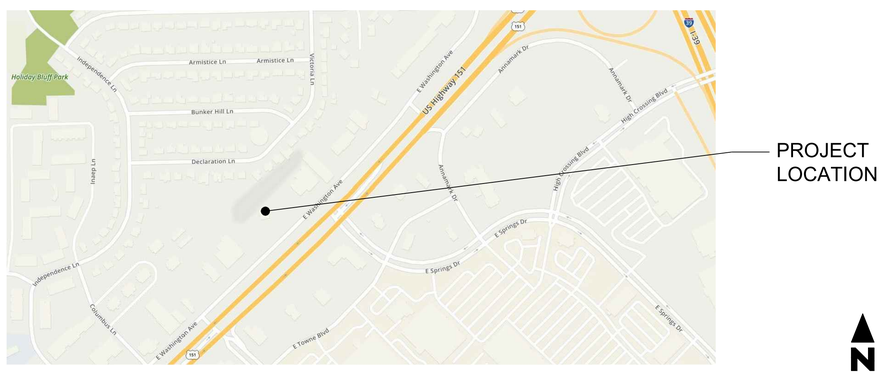
BUILDING CODES

BUILDING	2015 INTERNATIONAL BUILDING CODE (IBC) W/ WISCONSIN AMENDMENTS
MECHANICAL	2015 INTERNATIONAL MECHANICAL CODE (IMC) W/ WISCONSIN AMENDMENTS
ELECTRICAL	2017 NATIONAL ELECTRICAL CODE (NEC)
PLUMBING	STATE OF WISCONSIN PLUMBING CODE
FIRE PREVENTION	2015 INTERNATIONAL FIRE CODE (IFC) W/ WISCONSIN AMENDMENTS
ENERGY	2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) W/ WISCONSIN AMENDMENTS
FUEL GAS	2015 INTERNATIONAL FUEL GAS CODE (IFGC)
ACCESSIBILITY	2015 IBC & 2003 ANSI A117.1

VICINITY MAP



AREA MAP



SCOPE OF WORK

INTERIOR BUILD-OUT FOR A RETAIL IN EXISTING RETAIL SPACE. WORK INCLUDES CARPENTRY, ELECTRICAL, PLUMBING, AND HVAC DISCIPLINES.

CODE MATRIX

SCOPE OF WORK:	INTERIOR RENOVATION FOR NEW RETAIL
CONSTRUCTION TYPE:	V-B (SECTION 601) - EXISTING
OCCUPANCY CLASSIFICATION:	M (SECTION 309)
ALLOWABLE HEIGHT:	EXISTING
ACTUAL HEIGHT:	1 STORY (EXISTING)
ALLOWABLE AREA:	EXISTING
ACTUAL TENANT AREA:	2,372 S.F. USABLE 2,531 S.F. LEASABLE
SEPARATION - USES:	DEMISING: M (RETAIL) EXISTING 2 HR SEPARATION

BUILDING ELEMENT	FIRE RESISTANCE RATING REQUIREMENT (TABLE 601) REQUIRED	PROVIDED
STRUCTURAL FRAME:	0 HR	EXISTING
BEARING WALLS, EXTERIOR:	2 HR	EXISTING
BEARING WALLS, INTERIOR:	0 HR	N/A
NON-BEARING WALLS, EXT.:	N/A	EXISTING
NON-BEARING WALLS, INT.:	0 HR	0 HR
FLOOR CONSTRUCTION:	0 HR	EXISTING
ROOF CONSTRUCTION:	0 HR	EXISTING

INTERIOR FINISHES:	ALL INTERIOR FINISHES/MATERIALS SHALL COMPLY WITH CHAPTER 8 OF THE 2015 IBC
NOTES:	PROJECT MUST FULLY COMPLY & MEET ALL ACCESSIBILITY REQUIREMENTS OF THE TEXAS ACCESSIBILITY STANDARDS

EGRESS CALCULATIONS

OCCUPANCY LOAD CALCULATIONS: (TABLE 1004.1.1)

DESCRIPTION	AREA	AREA PER OCCUPANT	TOTAL OCCUPANTS
MERCANTILE RETAIL:	977 SF (GROSS)	60 SF (GROSS)	16
BUSINESS OFFICE/REPAIR:	698 SF (GROSS)	100 SF (GROSS)	7
S-1 STORAGE GARAGE:	454 SF (GROSS)	300 SF (GROSS)	2
TOTAL OCCUPANT LOAD			25

EXIT ACCESS TRAVEL DISTANCE: (TABLE 1006.3.2(2) & 1017.2)	MAX. ALLOWED 75'-0" (M) 100'-0" (B & S) WITHOUT SPRINKLER SYSTEM	MAX. DISTANCE PROVIDED 59'-2" 97'-4"
	MINIMUM REQUIRED	PROVIDED
EGRESS DOOR WIDTH (1005.1):	36"	72"
EGRESS AISLE WIDTH (1020.2)	36"	36"
MINIMUM NUMBER OF EXITS: (TABLE 1006.3.2(2))	REQUIRED 1	PROVIDED 1 PUBLIC & 1 PRIVATE MAX DISTANCE LISTED TO PUBLIC EXIT

PLUMBING SYSTEMS

MINIMUM NUMBER OF PLUMBING FACILITIES:	(TABLE 403.1) REQUIRED	USE: MERCANTILE M PROVIDED
WATER CLOSETS:	1 PER 500	1
URINALS:	N/A	-
LAVATORIES:	1 PER 750	1
SERVICE SINK:	1	1

INDEX OF DRAWINGS

GENERAL

T1-01 TITLE SHEET
G1-01 PROJECT INFO, SYMBOLS & CODE ANALYSIS
G1-02 GENERAL NOTES & ABBREVIATIONS
G1-03 GENERAL NOTE AND REQUIREMENTS
G1-04 SPECIFICATIONS
G1-05 SPECIFICATIONS
G1-06 ACCESSIBILITY DETAILS

ARCHITECTURAL

A1-01 PENETRATION PLAN
A1-02 FLOOR PLAN
A1-03 REFLECTED CEILING PLAN
A2-01 INTERIOR ELEVATIONS
A2-02 INTERIOR ELEVATIONS
A2-03 INTERIOR ELEVATIONS
A2-04 INTERIOR ELEVATIONS
A3-01 SCHEDULES, COUNTER DETAILS
A3-02 PARTITION SCHEDULE

MECHANICAL

M1-01 MECHANICAL PLAN
M1-02 MECHANICAL DETAILS AND SPECIFICATIONS

ELECTRICAL

E1-01 LIGHTING PLAN
E1-02 POWER PLAN
E1-03 ELECTRICAL SPECIFICATIONS
E2-01 ELECTRICAL COMCHECK 1

PLUMBING

P1-01 PLUMBING PLAN
P1-02 PLUMBING DETAILS

CONTACTS

CLIENT
BATTERIES PLUS BULBS
1325 WALNUT RIDGE DR.
HARTLAND, WI 53029
(P) 980-329-6029
CONTACT:
JOSH BROOKS

ARCHITECT
DXU LLC
412 S. WELL STREET, 2ND FLOOR
CHICAGO, IL 60607
(P) 312 955 0334 x101
CONTACT:
ANTHONY VOLPE

MPE ENGINEER
CASE ENGINEERING
796 MERUS COURT
ST. LOUIS, MO 63026
(P) 636 349 1600
CONTACT:
LUKE WILD

BUILDING DEPARTMENT
DEPARTMENT OF PLANNING & ECONOMIC & COMMUNITY DEVELOPMENT
INSPECTION DIVISION
215 MARTIN LUTHER KING JR. BLVD., SUITE 17
P.O. BOX 2984 MADISON, WI 53701-2984
(P) 608 266 4551

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

Title

TITLE SHEET

Sheet

T1-01

Municipal Approval Stamps

SYMBOLS LEGEND

ELEVATION TARGETS

3 / A3-01 — EXTERIOR ELEVATION

7 / A5-01 — INTERIOR ELEVATION

ELEVATION DESIGNATION

SHEET REFERENCE NUMBER

WALL SECTION TARGETS

2 / A6-01

SECTION DESIGNATION

SHEET REFERENCE NUMBER

DETAIL SECTION TARGETS

3A / A6-11

SECTION DESIGNATION

SHEET REFERENCE NUMBER

AREA DETAIL REFERENCE

1 / A5-10

DETAIL DESIGNATION

SHEET REFERENCE NUMBER

DETAIL TARGETS

3 / A6-03

DETAIL DESIGNATION

SHEET REFERENCE NUMBER

BUILDING SECTION TARGETS

2 / A3-01

DETAIL DESIGNATION

SHEET REFERENCE NUMBER

2 / A3-01

03 — WINDOW DESIGNATION — WINDOW NUMBER (SEE WINDOW SCHEDULE)

01 — KEY NOTE

2 — REVISION TAG

ROOM FINISH TARGET

VCT-1 / WD-2 — FLOOR TRANSITION

PT-1 / VB-1 — WALL FINISH DESIGNATION

FLOOR FIN DESIG.

WALL FINISH DESIG.

BASE DESIGNATION

MATCHING LINE

MATCH LINE

SEE SHEET A2-12

SHEET REFERENCE NUMBER

ELEVATION MARKS

T/ SLAB

EL +0'-0"

VERTICAL HEIGHT (ELEVATION, SECTION)

MISCELLANEOUS TARGETS

ROOM / 000 — ROOM DESIGNATION

ROOM NAME

ROOM NUMBER

1 — DOOR DESIGNATION

DOOR (ROOM) NUMBER

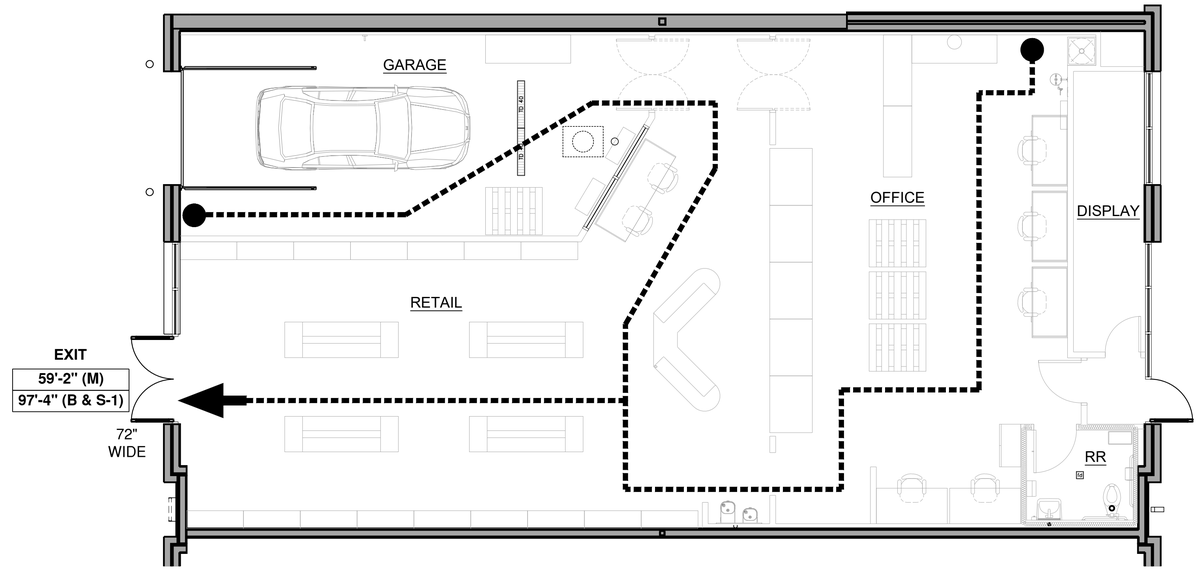
DOOR SUFFIX - AS REQ'D (SEE DOOR SCHEDULE)

XXX — PARTITION TYPE

E000 — EQUIPMENT DESIGNATION

12 — CUSTOM PRODUCT DESIGNATION

ACCESS / EGRESS PLAN



SCALE = NTS

EXIT ACCESS TRAVEL DISTANCE

MAX. DISTANCE =59'-2" (M) & 97'-4" (B & S-1)

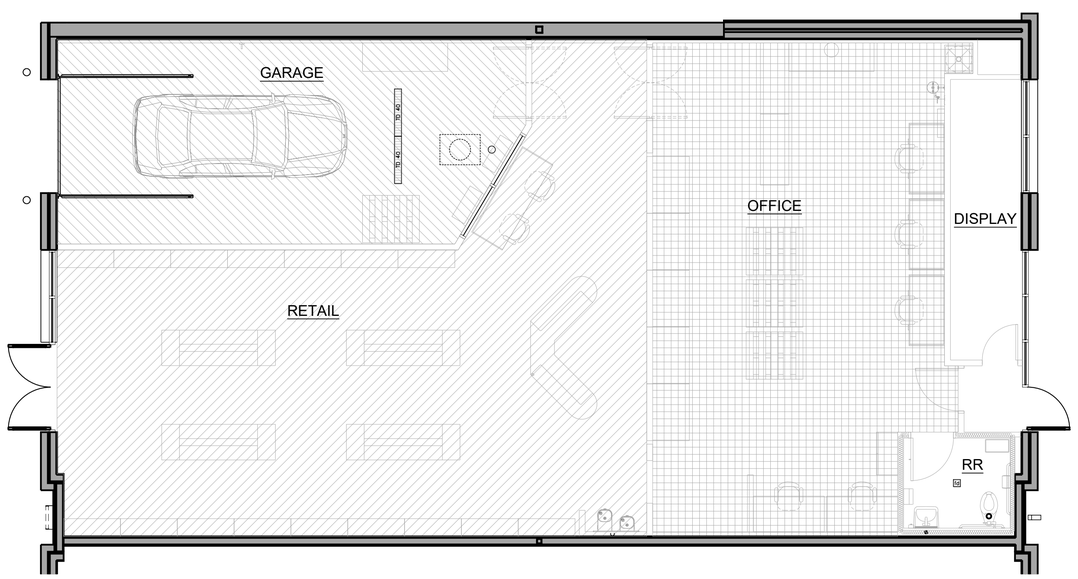
REFER TO A2-12-FLOOR PLAN FOR EGRESS AISLE WIDTHS & REFER TO E1-01-LIGHTING PLAN FOR EMERGENCY LIGHTS & EXIT SIGN LOCATIONS.

OCCUPANCY LOAD PLAN

OCCUPANCY LOAD CALCULATIONS

OFFICE/ REPAIR (100 SF/PERSON)	698 SF/ 100 =	7 OCCUPANTS
MERCANTILE (60 SF/PERSON)	977 SF/ 60 =	16 OCCUPANTS
STORAGE S-1 (300 SF/PERSON)	454 SF/ 300 =	2 OCCUPANTS

TOTAL = 25 OCCUPANTS



SCALE = NTS

Batteries + Bulps

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

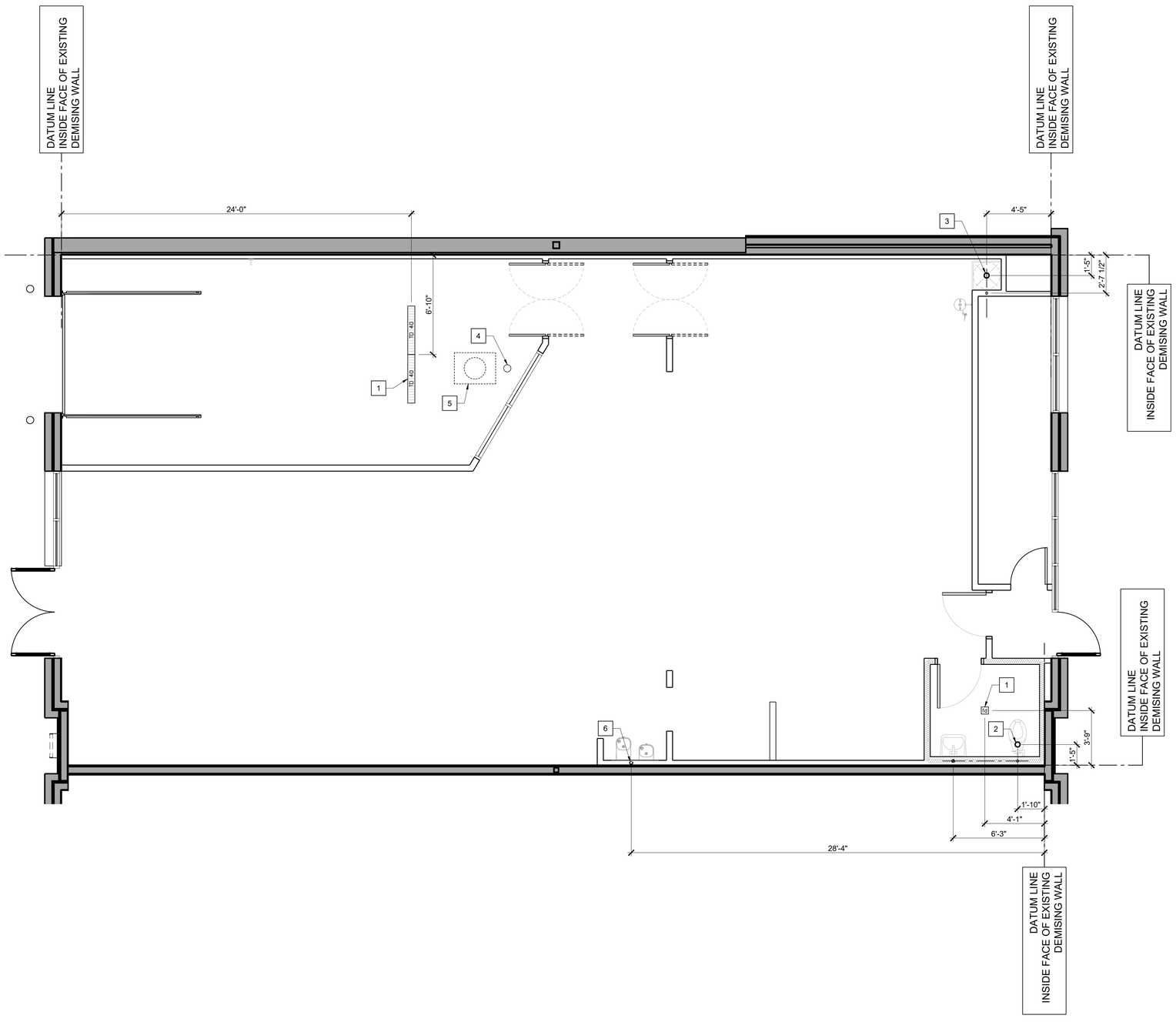
Approved

Title

PROJECT INFO & CODE ANALYSIS

Sheet

G1-01



1 PENETRATION PLAN
1/4" = 1'-0"

KEYNOTES

1. FLOOR DRAIN - SLOPE FLOOR TO DRAIN FROM WALL TO DRAIN, SEE PLUMBING DWGS FOR MORE INFORMATION.
2. FLOOR PENETRATION FOR TOILET - SEE PLUMBING DWGS FOR MORE INFORMATION.
3. SANITARY FLOOR PENETRATION FOR MOP SINK - SEE PLUMBING DWGS FOR MORE INFORMATION.
4. NEW FLOOR CLEANOUT - SEE PLUMBING DWGS FOR MORE INFORMATION.
5. NEW BELOW-GRADE OIL INTERCEPTOR - SEE PLUMBING DWGS FOR MORE INFORMATION.
6. FLOOR PENETRATION FOR DRINKING FOUNTAIN - SEE PLUMBING DWGS FOR MORE INFORMATION.

LEGEND

- NEW PARTITIONS, REFER TO A2-11
- EXISTING PARTITIONS & EXTERIOR WALLS
- EXISTING CONCRETE SLAB
- NEW CONCRETE SLAB

GENERAL NOTES

1. CONTRACTOR TO FOLLOW ALL PORT OF SEATTLE REQUIREMENTS FOR ALL NEW PENETRATIONS. PORT OF SEATTLE TO APPROVE ALL PENETRATION LOCATIONS PRIOR TO STARTING WORK.

DIMENSION NOTES

1. DIMENSIONS ARE TO FACE OF EXISTING STOREFRONT FRAME; INSIDE FACE OF EXT. WALL & INSIDE FACE OF DEMISING WALL
2. ALL INTERIOR DIMENSIONS ORIGINATE FROM ESTABLISHED DATUM LINES. ESTABLISH DATUM LINES PRIOR TO LOCATING WALLS, DRAINS, FIXTURES, ETC.

DEMOLITION NOTES

1. REFERENCE STANDARDS: ANSI A10.6* SAFETY REQUIREMENTS FOR DEMOLITION PUBLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE.
2. CEASE OPERATIONS AND IMMEDIATELY NOTIFY THE OWNER IF THE SAFETY OF EXISTING CONSTRUCTION APPEARS TO BE ENDANGERED AT ANY TIME. TAKE PRECAUTIONS TO SUPPORT SUCH ENDANGERED CONSTRUCTION AND DO NOT RESUME OPERATIONS UNTIL AUTHORIZED BY THE ARCHITECT.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE ADEQUACY AND INSTALLATION OF ALL TEMPORARY SHORING SYSTEMS USED DURING THE REMOVAL OF ALL STRUCTURAL ELEMENTS, EXCEPT, AS OTHERWISE AGREED BY THE BUILDING DEPT. AND THE ARCHITECT.
4. THE DRAWINGS DO NOT NECESSARILY INDICATE THE FULL EXTENT OF THE WORK REQUIRED TO BE PERFORMED. INSPECT THE EXISTING CONSTRUCTION CAREFULLY TO DETERMINE THE FULL EXTENT OF WORK TO BE PERFORMED AND THE PROBLEMS INVOLVED. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF FAILURE TO ESTIMATE THE FULL EXTENT OF THE WORK OR FOR ANY CONTINGENCIES IN CONNECTION THEREWITH.
5. ALL WORK SHALL BE PERFORMED BY SKILLED AND PROPERLY EQUIPPED PERSONNEL. DEMOLITION AND REMOVAL OF ITEMS SCAFFOLD HIGH OR HIGHER SHALL BE LOWERED BY CONTROLLED METHODS, NOT BY THROWING OR DROPPING, PERFORM CUTTING AND STRIPPING SO THAT THE WORK TO REMAIN IS UNDAMAGED AND IN SUCH MANNER THAT THE NEW WORK CAN BE PROPERLY CONNECTED WITH IT.
6. DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT NECESSARY FOR THE PROPER INSTALLATION OF NEW CONSTRUCTION AND JUNCTION WITH EXISTING WORK CUT BACK FINISHED SURFACES TO STRAIGHT, PLUMB AND LEVEL AS REQUIRED.
7. SAWING SHALL BE PERFORMED BY EXPERIENCED CRAFTSMEN CUSTOMARILY ENGAGED IN AND PROPERLY EQUIPPED FOR THE PERFORMANCE OF THE TYPE OF WORK REQUIRED BY JOB CONDITIONS. PROVIDE WET VACUUM EQUIPMENT AS REQUIRED FOR CONTROL OF WASTE COOLING WATER.
8. DRILLING AND INSTALLING SLEEVES FOR PASSAGE OF PIPING CONDUIT AND TUBING SHALL BE DONE BY THE TRADE INSTALLING THE PIPING, CONDUIT OR TUBING.
9. REPAIR, RESTORE, REPLACE OR MAKE GOOD DAMAGE TO EXISTING CONSTRUCTION WHICH OCCURS AS A RESULT OF DEMOLITION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER.
10. DO NOT ALLOW MATERIALS AND DEBRIS GENERATED BY DEMOLITION ACTIVITIES TO ACCUMULATE, REMOVE DAILY AND DISPOSE OF IN A LEGAL MATTER. NO ON-SITE SALE OR BURNING OF DEMOLISHED MATERIALS WILL BE PERMITTED.
11. LEAVE ALL SPACES BROOM CLEAN WITH ALL LEDGES AND CORNERS PROPERLY CLEANED.
12. MECHANICAL, ELECTRICAL, PLUMBING: CAREFULLY REVIEW PLANS AND DETERMINE LINES TO BE REMOVED AND THOSE TO BE KEPT ACTIVE OR TO BE REACTIVATED. PROTECT LINES TO REMAIN. PROVIDE FOR MINIMUM SERVICE INTERRUPTION OF LINES TO REMAIN.
13. SAW CUT & PATCH CONCRETE FLOOR AS REQUIRED FOR ALL SANITARY CONNECTIONS.

Municipal Approval Stamps

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

Project

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

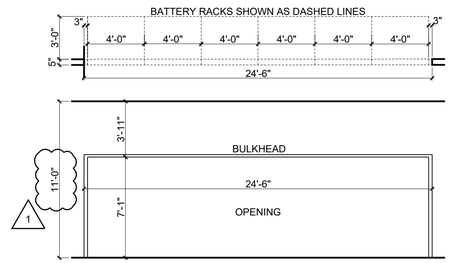
Title

PENETRATION PLAN

Sheet

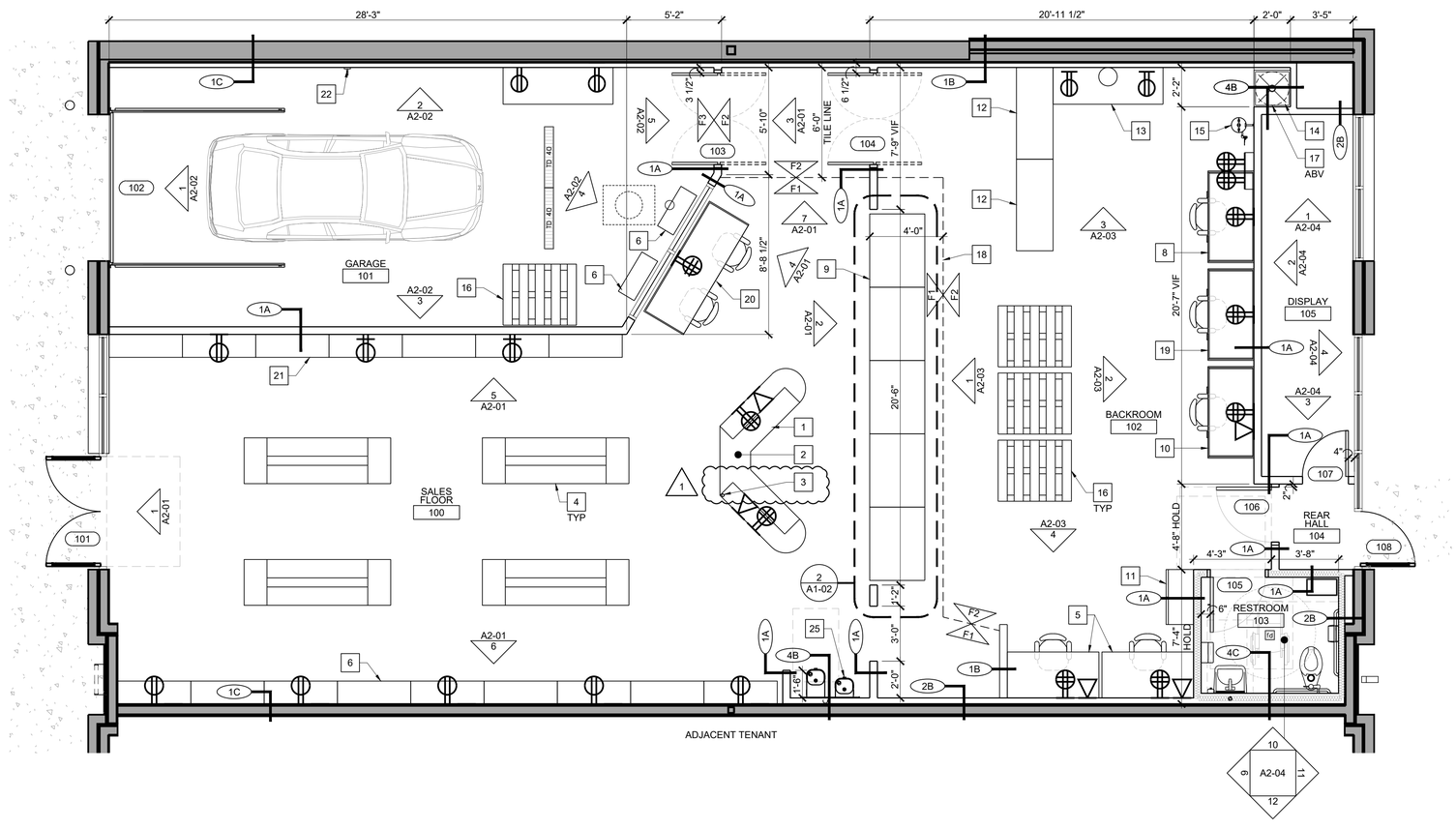
A1-01

Municipal Approval Stamps



2 BATTERY RACK OPENING

3/16" = 1'-0"



1 FLOOR PLAN

1/4" = 1'-0"

LEGEND

NEW PARTITIONS, REFER TO A2-11

EXISTING PARTITIONS & EXTERIOR WALLS

BLOCKING NOTES

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBLITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM LOCATIONS
2. RESTROOM ACCESSORIES INCLUDING TOILET STALL PARTITIONS & BABY CHANGING TABLE
3. MILLWORK LOCATIONS - TO BE 6" STRIPS
4. CASEWORK AS REQUIRED BY THE MFR & FOR PROPER SUPPORT
5. MANAGER'S DESK SHELVES
6. LOCKERS
7. HANDRAILS

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

KEYNOTES

- # — SEE DOOR SCHEDULE ON SHEET A3-01 FOR MORE INFORMATION
- #X — SEE PARTITION SCHEDULE ON SHEET A3-02 FOR MORE INFORMATION

1. SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.
2. 34" HIGH ADA COUNTER
3. POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. 8' RETAIL SHELVING GONDOLA
5. DEVICE REPAIR (1)
6. 40 FT RETAIL WALL SHELVING GONDOLA
7. 9 BATTERY RETAIL SHELF
8. KEYFOB STATION
9. 12'-0" WIDE SLI GRAVITY RACKS WITH 3" CLEARANCE ON BOTH SIDES
10. BACK OFFICE DESK
11. CABINET
12. HEAVY DUTY STORAGE SHELVING
13. 6' X 2' PREP AREA DESK
14. NEW 24"X24" MOP SINK TO REMAIN. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
15. NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
16. PALLET
17. NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS AND DETAIL 1/A3-02 FOR MORE INFORMATION.
18. VCT FLOORING TO EXTEND INTO THE BACKROOM FOUR FEET UNDER THE SLI GRAVITY RACK BULKHEAD.
19. WELDER STATION
20. CUSTOMER WAITING TABLE
21. 28 FT RETAIL WALL SHELVING GONDOLA
22. HOSE BIB
23. TRENCH DRAIN, SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
24. BELOW-GROUND OIL INTERCEPTOR, SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
25. NEW ADA-COMPLIANT DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR MORE INFORMATION AND 2/A3-01 FOR MOUNTING HEIGHTS. (1)

DIMENSION NOTES

1. DIMENSIONS ARE TO FACE OF EXISTING STOREFRONT FRAME, FINISHED EXTERIOR WALL & FINISHED FACE OF DEMISING WALL
2. ALL INTERIOR DIMENSIONS ORIGINATE FROM ESTABLISHED DATUM LINES. ESTABLISH DATUM LINES PRIOR TO LOCATING WALLS, DRAINS, FIXTURES, ETC.

PLAN GENERAL NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. ALL FIRE RATED DOORS TO BE SELF-CLOSING.
3. ALL INTERIOR FINISHES TO BE CLASS A WITH FLAME SPREAD RATING OF 0-25, U.O.N.
4. SEE MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
5. DO NOT FASTEN STUDS OR GYPSUM BD. TO TOP RUNNER OF NON-BEARING GYP.BD. PARTITIONS. CUT STUDS AND GYP.BD. 1/2" MAX. SHORT TO ALLOW FOR VERTICAL SLAB DEFLECTION.
6. ALL DIMENSIONS TO BE FINISHED SURFACE UNO.
7. GC TO COORDINATE ALL CEILING HEIGHTS WITH BUILDING SYSTEMS. OWNER TO APPROVE ALL CEILING HGTS. BEFORE INSTALLATION.
8. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.
9. CONTRACTOR IS REQUIRED TO HANG THE OWNERS INTERIOR SIGN PACKAGE.
10. ALL GLAZED DOORS, ANY GLAZED PANEL ADJACENT TO ANY DOOR & ANY GLAZED PANEL WHICH MEETS ALL OF THE FOLLOWING CONDITIONS:
    1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 S.F.
    2. EXPOSED BOTTOM EDGE LESS THAN 18" A.F.F.
    3. EXPOSED TOP EDGE GREATER THAN 36" A.F.F.
    4. ONE OR MORE WALKING SURFACE(S) WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING, SHALL ALL BE TEMPERED.

Client

Batteries + Bulbs

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

Project

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

Title

FLOOR PLAN

Sheet

A1-02

1 REFLECTED CEILING PLAN
1/4" = 1'-0"

KEYNOTES

- # — SEE DOOR SCHEDULE ON SHEET A9-01 FOR MORE INFORMATION
- #X — SEE PARTITION SCHEDULE ON SHEETS A6-30 & A6-31 FOR MORE INFORMATION
- 1 — POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- 2 — PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 3 — EXISTING RTU ABOVE. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

LEGEND

- NEW PARTITIONS, REFER TO A2-11
- EXISTING PARTITIONS & EXTERIOR WALLS
- EXIT / EMERGENCY LIGHT
- EMERGENCY LIGHT - SEE LIGHTING FIXTURE SCHEDULE
- EXIT SIGN/EMERGENCY LIGHT - SEE LIGHTING FIXTURE SCHEDULE
- 2X4 LED FIXTURES SUPPLIED BY BATTERIES PLUS, LLC
- 2X2 ACT CEILING
- SUPPLY AIR DIFFUSER - SEE MECHANICAL PLANS FOR MORE INFORMATION
- RETURN AIR GRILLE - SEE MECHANICAL PLANS FOR MORE INFORMATION

DIMENSION NOTES

1. DIMENSIONS ARE TO FACE OF EXISTING STOREFRONT FRAME, FINISHED EXTERIOR WALL & FINISHED FACE OF DEMISING WALL
2. ALL INTERIOR DIMENSIONS ORIGINATE FROM ESTABLISHED DATUM LINES. ESTABLISH DATUM LINES PRIOR TO LOCATING WALLS, DRAINS, FIXTURES, ETC.

PLAN GENERAL NOTES

1. EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
2. ALL FIRE RATED DOORS TO BE SELF-CLOSING.
3. ALL INTERIOR FINISHES TO BE CLASS A WITH FLAME SPREAD RATING OF 0-25, U.O.N.
4. SEE MECHANICAL DRAWINGS FOR LIGHT AND VENT SCHEDULES.
5. DO NOT FASTEN STUDS OR GYPSUM BD. TO TOP RUNNER OF NON-BEARING GYP.BD. PARTITIONS. CUT STUDS AND GYP.BD. 1/2" MAX. SHORT TO ALLOW FOR VERTICAL SLAB DEFLECTION.
6. ALL DIMENSIONS TO BE FINISHED SURFACE UNO.
7. GC TO COORDINATE ALL CEILING HEIGHTS WITH BUILDING SYSTEMS. OWNER TO APPROVE ALL CEILING HGTS. BEFORE INSTALLATION.
8. THE ARCHITECT WILL NEITHER HAVE CONTROL OVER OR CHARGE OF, NOR BE RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, SINCE THESE ARE SOLELY THE CONTRACTOR'S RIGHTS AND RESPONSIBILITIES.
9. CONTRACTOR IS REQUIRED TO HANG THE OWNERS INTERIOR SIGN PACKAGE.
10. ALL GLAZED DOORS, ANY GLAZED PANEL ADJACENT TO ANY DOOR & ANY GLAZED PANEL WHICH MEETS ALL OF THE FOLLOWING CONDITIONS:
    1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 S.F.
    2. EXPOSED BOTTOM EDGE LESS THAN 18" A.F.F.
    3. EXPOSED TOP EDGE GREATER THAN 36" A.F.F.
    4. ONE OR MORE WALKING SURFACE(S) WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING, SHALL ALL BE TEMPERED.

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

Municipal Approval Stamps

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

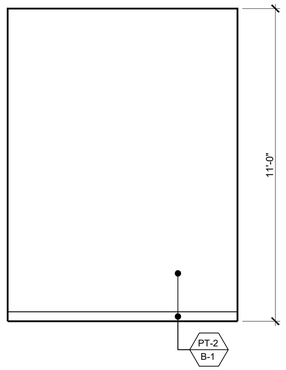
Approved

Title

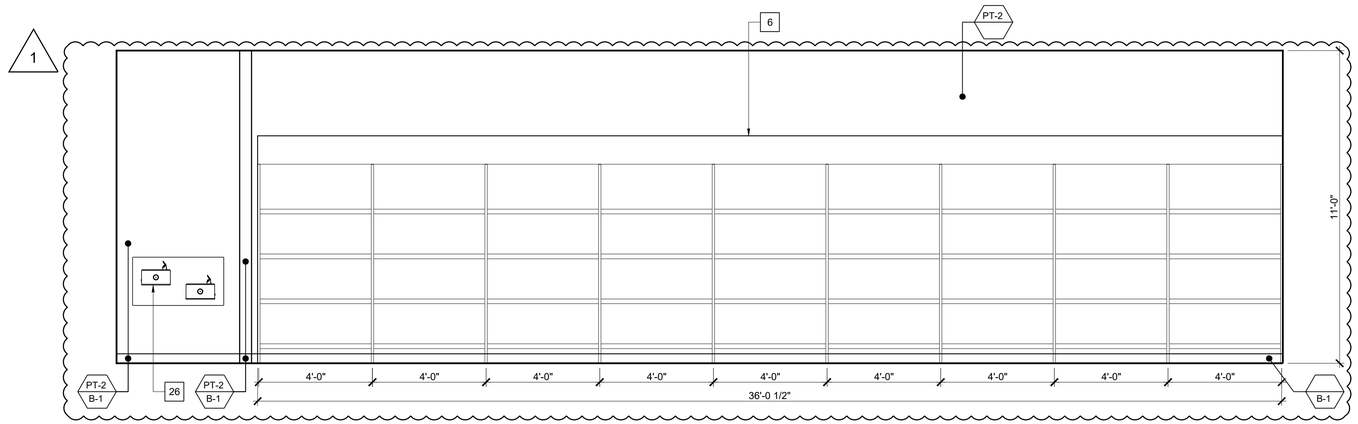
REFLECTED CEILING PLAN

Sheet

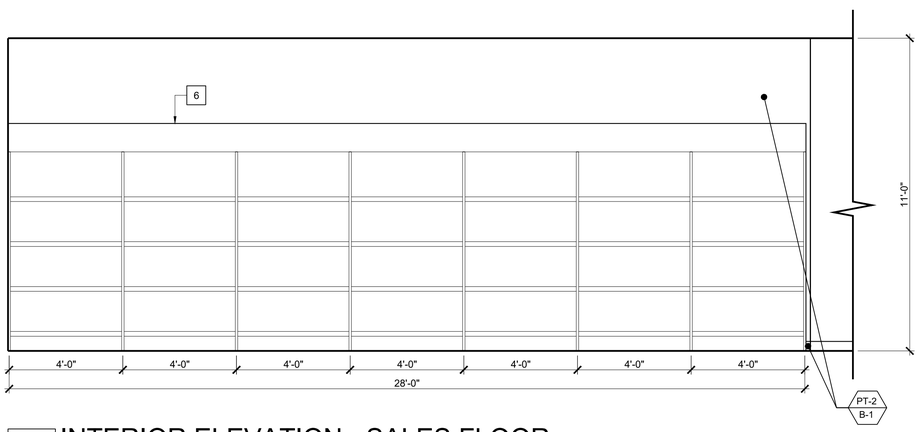
A1-03



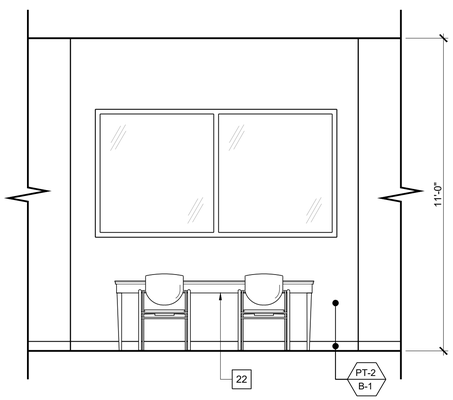
7 INT. ELEV. - SALES FLOOR
3/8"=1'-0"



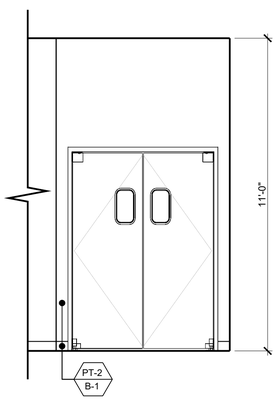
6 INTERIOR ELEVATION - SALES FLOOR
3/8"=1'-0"



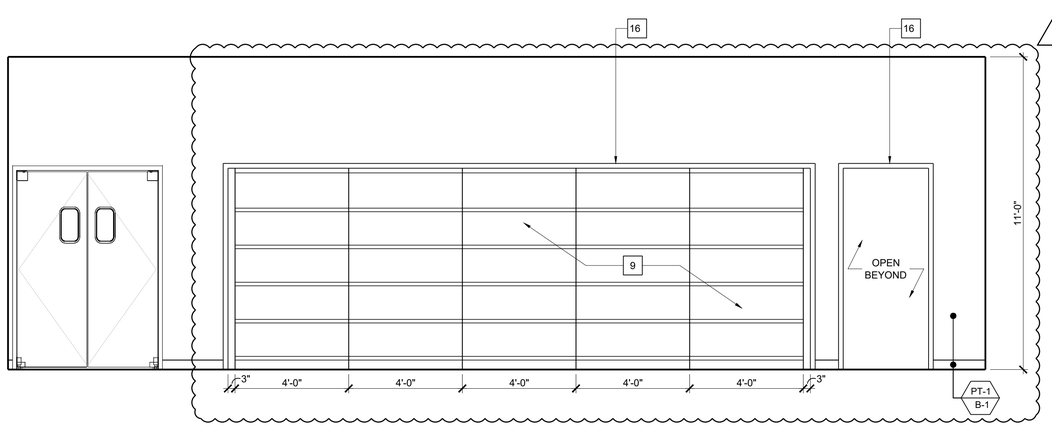
5 INTERIOR ELEVATION - SALES FLOOR
3/8"=1'-0"



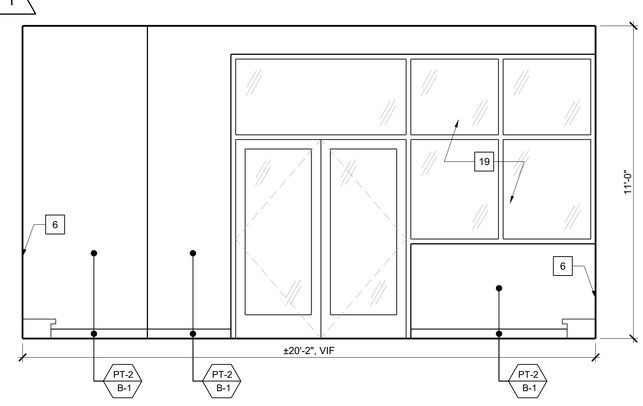
4 INT. ELEV. - SALES FLOOR
3/8"=1'-0"



3 INT. ELEV. - SALES
3/8"=1'-0"



2 INTERIOR ELEVATION - SALES FLOOR
3/8"=1'-0"



1 INTERIOR ELEVATION - SALES FLOOR
3/8"=1'-0"

KEYNOTES

1. SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.
2. 34" HIGH ADA COUNTER
3. POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. 8' RETAIL SHELVING GONDOLA
5. DOCTOR DESK
6. 36 FT RETAIL WALL SHELVING GONDOLA
7. 9 BATTERY RETAIL SHELF
8. KEYFOB STATION
9. 24'-0" WIDE SLI GRAVITY RACKS WITH 3" CLEARANCE ON BOTH SIDES
10. BACK OFFICE DESK
11. CABINET
12. HEAVY DUTY STORAGE SHELVING
13. 6' X 2' PREP AREA DESK
14. EXISTING 24"X24" MOP SINK
15. NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
16. CASED OPENING
17. PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
18. NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
19. EXISTING STOREFRONT
20. EXISTING GARAGE DOOR
21. CUSTOMER WAITING TABLE
22. PROVIDE BLOCKING IN WALL, GC TO CONFIRM LOCATION & SIZE WITH OWNER.
23. WELDER STATION
24. 4'-0"H. KNEE WALL
25. WATER HEATER PLATFORM, SEE 1/A3-02 FOR MORE INFORMATION.
26. DRINKING FOUNTAIN, SEE 2/A3-01

PAINT FINISH NOTES

1. SURFACE PREP: SURFACE SHALL BE CLEAN, DRY AND DULL BEFORE PAINTING.
2. FIRST COAT: SW PREPRITE 200 INTERIOR LATEX WALL PRIMER B28W200.
3. SECOND COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
4. THIRD COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
5. A FULL COAT OF PRIMER IS REQUIRED ON BARE SUBSTRATES ONLY. IF SURFACE HAS BEEN PREVIOUSLY PAINTED, IT IS ONLY NECESSARY TO SPOT PRIME THE BARE AREAS.

1

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

Municipal Approval Stamps

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

Project

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Architect of Record

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

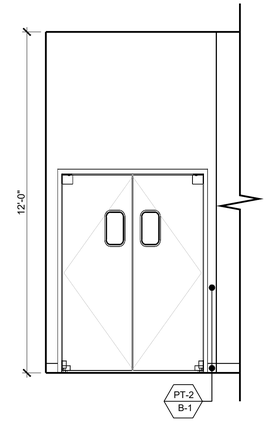
Title

INTERIOR ELEVATIONS

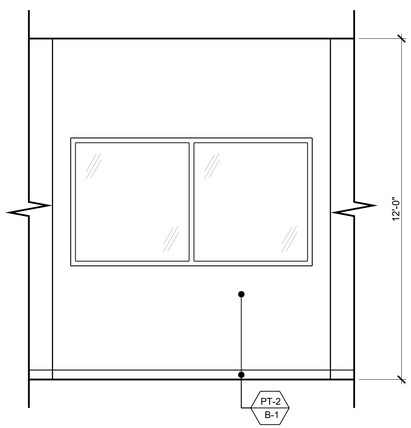
Sheet

A2-01

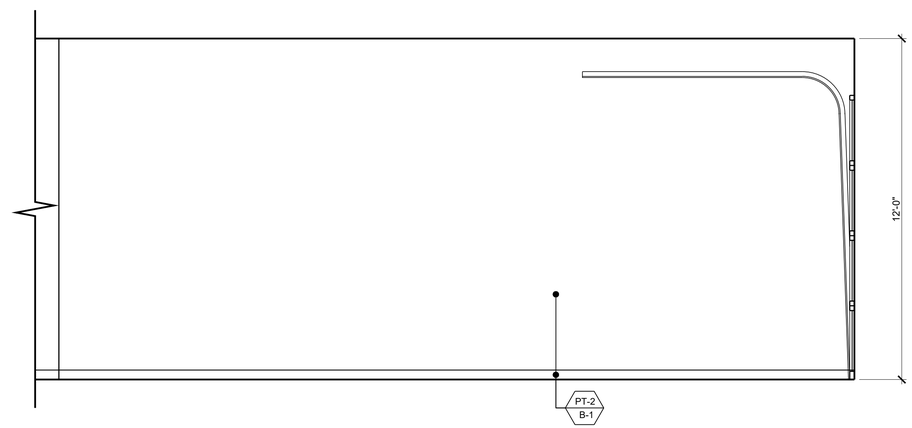
Municipal Approval Stamps



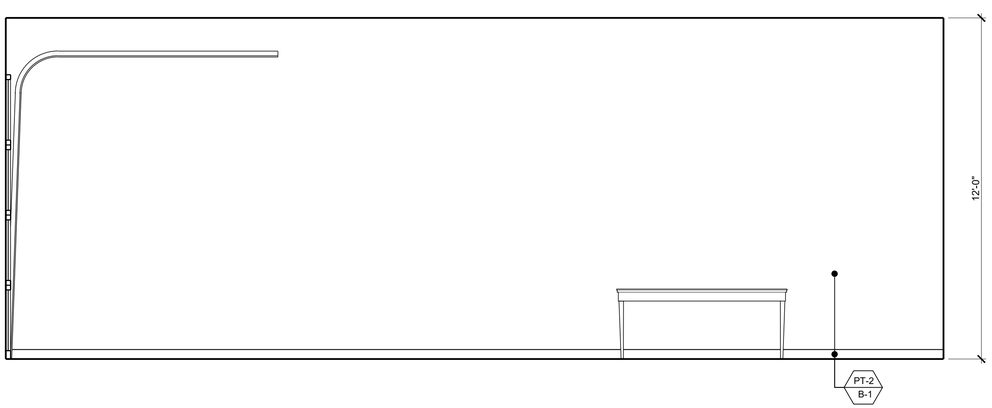
5 INT. ELEV. - GARAGE
3/8"=1'-0"



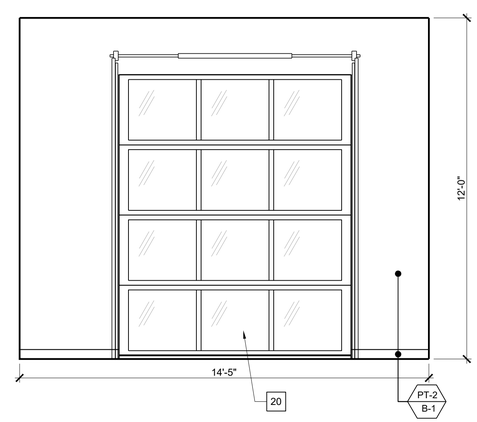
4 INT. ELEV. - GARGAGE
3/8"=1'-0"



3 INTERIOR ELEVATION - GARAGE
3/8"=1'-0"



2 INTERIOR ELEVATION - GARAGE
3/8"=1'-0"



1 INTERIOR ELEVATION - GARAGE
3/8"=1'-0"

KEYNOTES

1. SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.
2. 34" HIGH ADA COUNTER
3. POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. 8' RETAIL SHELVING GONDOLA
5. DOCTOR DESK
6. 36 FT RETAIL WALL SHELVING GONDOLA
7. 9 BATTERY RETAIL SHELF
8. KEYFOB STATION
9. 24'-0" WIDE SLI GRAVITY RACKS WITH 3" CLEARANCE ON BOTH SIDES
10. BACK OFFICE DESK
11. CABINET
12. HEAVY DUTY STORAGE SHELVING
13. 6' X 2' PREP AREA DESK
14. EXISTING 24"X24" MOP SINK
15. NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
16. CASED OPENING
17. PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
18. NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
19. EXISTING STOREFRONT
20. EXISTING GARAGE DOOR
21. CUSTOMER WAITING TABLE
22. PROVIDE BLOCKING IN WALL, GC TO CONFIRM LOCATION & SIZE WITH OWNER.
23. WELDER STATION
24. 4'-0"H. KNEE WALL
25. WATER HEATER PLATFORM, SEE 1/A3-02 FOR MORE INFORMATION.
26. DRINKING FOUNTAIN, SEE 2/A3-01

PAINT FINISH NOTES

1. SURFACE PREP: SURFACE SHALL BE CLEAN, DRY AND DULL BEFORE PAINTING.
2. FIRST COAT: SW PREPRITE 200 INTERIOR LATEX WALL PRIMER B28W200.
3. SECOND COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
4. THIRD COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
5. A FULL COAT OF PRIMER IS REQUIRED ON BARE SUBSTRATES ONLY. IF SURFACE HAS BEEN PREVIOUSLY PAINTED, IT IS ONLY NECESSARY TO SPOT PRIME THE BARE AREAS.

1

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

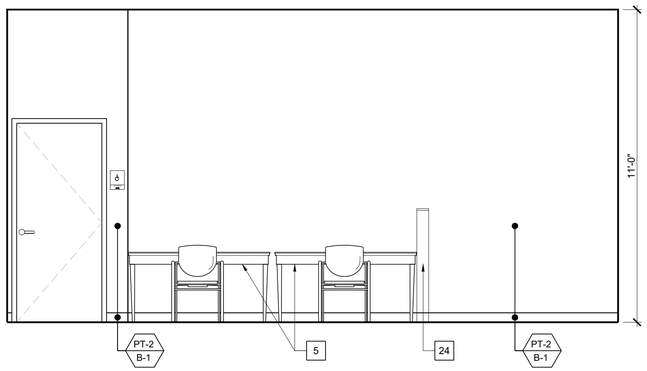
Title

INTERIOR ELEVATIONS

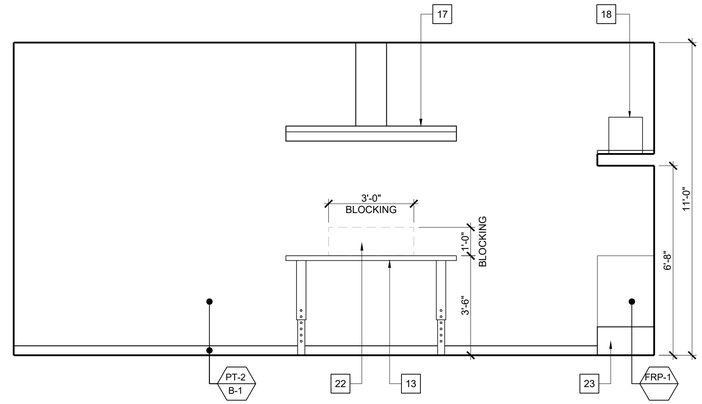
Sheet

A2-02

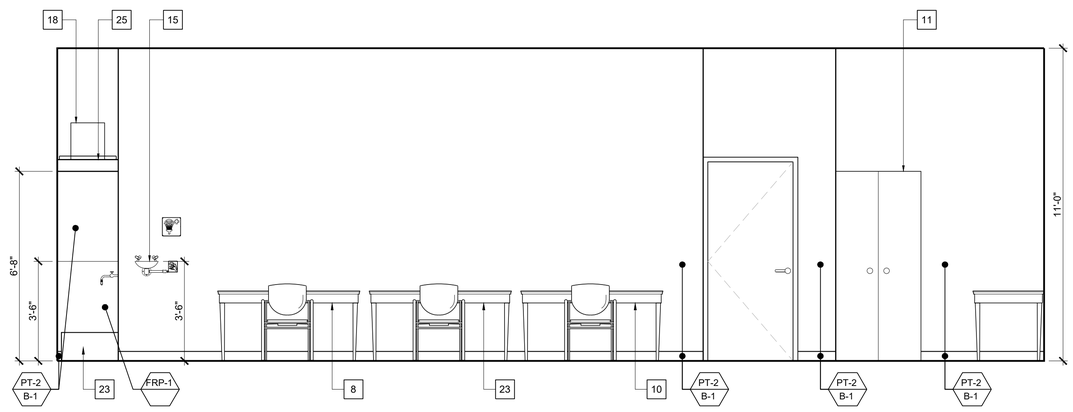
Municipal Approval Stamps



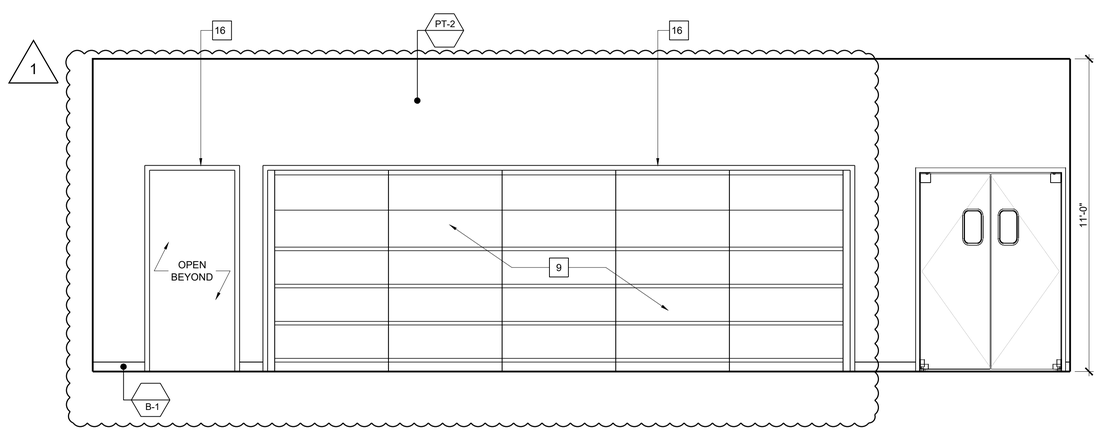
4 INTERIOR ELEVATION - BACKROOM
3/8"=1'-0"



3 INTERIOR ELEVATION - BACKROOM
3/8"=1'-0"



2 INTERIOR ELEVATION - BACKROOM
3/8"=1'-0"



1 INTERIOR ELEVATION - BACKROOM
3/8"=1'-0"

KEYNOTES

1. SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.
2. 34" HIGH ADA COUNTER
3. POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. 8' RETAIL SHELVING GONDOLA
5. DOCTOR DESK
6. 36 FT RETAIL WALL SHELVING GONDOLA
7. 9 BATTERY RETAIL SHELF
8. KEYFOB STATION
9. 24'-0" WIDE SLI GRAVITY RACKS WITH 3" CLEARANCE ON BOTH SIDES
10. BACK OFFICE DESK
11. CABINET
12. HEAVY DUTY STORAGE SHELVING
13. 6' X 2' PREP AREA DESK
14. EXISTING 24"X24" MOP SINK
15. NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
16. CASED OPENING
17. PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
18. NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
19. EXISTING STOREFRONT
20. EXISTING GARAGE DOOR
21. CUSTOMER WAITING TABLE
22. PROVIDE BLOCKING IN WALL, GC TO CONFIRM LOCATION & SIZE WITH OWNER.
23. WELDER STATION
24. 4'-0"H. KNEE WALL
25. WATER HEATER PLATFORM, SEE 1/A3-02 FOR MORE INFORMATION.
26. DRINKING FOUNTAIN, SEE 2/A3-01

PAINT FINISH NOTES

1. SURFACE PREP: SURFACE SHALL BE CLEAN, DRY AND DULL BEFORE PAINTING.
2. FIRST COAT: SW PREPRITE 200 INTERIOR LATEX WALL PRIMER B28W200.
3. SECOND COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
4. THIRD COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
5. A FULL COAT OF PRIMER IS REQUIRED ON BARE SUBSTRATES ONLY. IF SURFACE HAS BEEN PREVIOUSLY PAINTED, IT IS ONLY NECESSARY TO SPOT PRIME THE BARE AREAS.

1

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

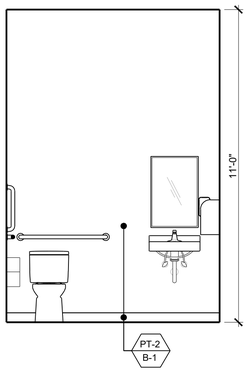
Approved

Title

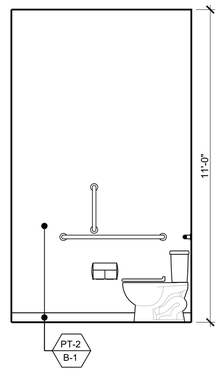
INTERIOR ELEVATIONS

Sheet

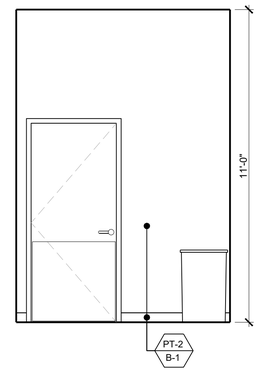
A2-03



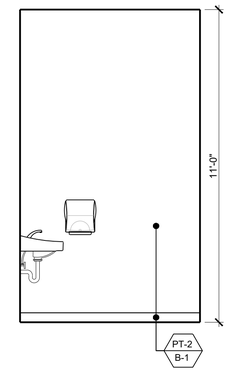
12 INT. ELEV. - RESTROOM
3/8"=1'-0"



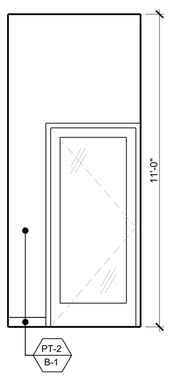
11 INT. ELEV. - RESTROOM
3/8"=1'-0"



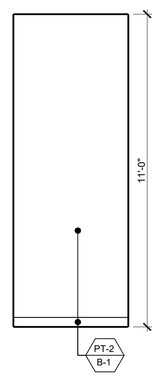
10 INT. ELEV. - RESTROOM
3/8"=1'-0"



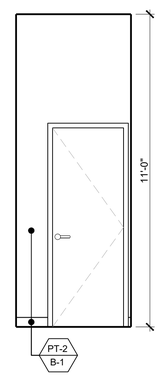
9 INT. ELEV. - RESTROOM
3/8"=1'-0"



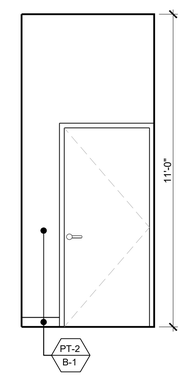
8 INT. ELEV. - REAR HALL
3/8"=1'-0"



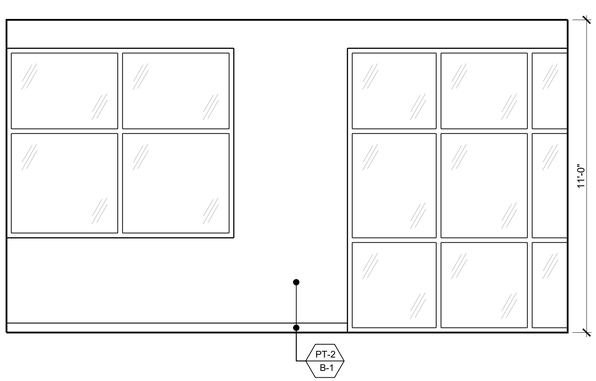
7 INT. ELEV. - REAR HALL
3/8"=1'-0"



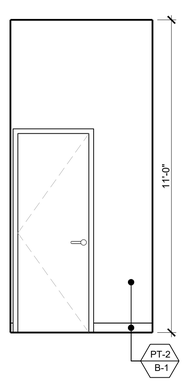
6 INT. ELEV. - REAR HALL
3/8"=1'-0"



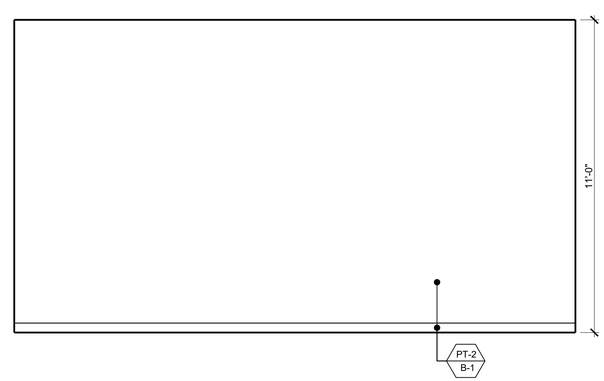
5 INT. ELEV. - REAR HALL
3/8"=1'-0"



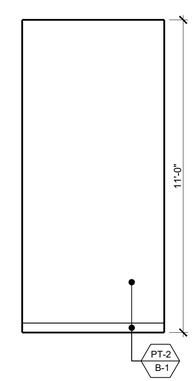
4 INTERIOR ELEVATION - DISPLAY
3/8"=1'-0"



3 DISPLAY
3/8"=1'-0"



2 INTERIOR ELEVATION - DISPLAY
3/8"=1'-0"



1 DISPLAY
3/8"=1'-0"

KEYNOTES

1. SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.
2. 34" HIGH ADA COUNTER
3. POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. 8' RETAIL SHELVING GONDOLA
5. DOCTOR DESK
6. 36 FT RETAIL WALL SHELVING GONDOLA
7. 9 BATTERY RETAIL SHELF
8. KEYFOB STATION
9. 24'-0" WIDE SLI GRAVITY RACKS WITH 3" CLEARANCE ON BOTH SIDES
10. BACK OFFICE DESK
11. CABINET
12. HEAVY DUTY STORAGE SHELVING
13. 6' X 2' PREP AREA DESK
14. EXISTING 24"X24" MOP SINK
15. NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
16. CASED OPENING
17. PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
18. NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
19. EXISTING STOREFRONT
20. EXISTING GARAGE DOOR
21. CUSTOMER WAITING TABLE
22. PROVIDE BLOCKING IN WALL, GC TO CONFIRM LOCATION & SIZE WITH OWNER.
23. WELDER STATION
24. 4'-0"H. KNEE WALL
25. WATER HEATER PLATFORM, SEE 1/A3-02 FOR MORE INFORMATION.
26. DRINKING FOUNTAIN, SEE 2/A3-01

PAINT FINISH NOTES

1. SURFACE PREP: SURFACE SHALL BE CLEAN, DRY AND DULL BEFORE PAINTING.
2. FIRST COAT: SW PREPRITE 200 INTERIOR LATEX WALL PRIMER B28W200.
3. SECOND COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
4. THIRD COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL B31W2251.
5. A FULL COAT OF PRIMER IS REQUIRED ON BARE SUBSTRATES ONLY. IF SURFACE HAS BEEN PREVIOUSLY PAINTED, IT IS ONLY NECESSARY TO SPOT PRIME THE BARE AREAS.

1

NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.

Municipal Approval Stamps

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

Title

INTERIOR ELEVATIONS

Sheet

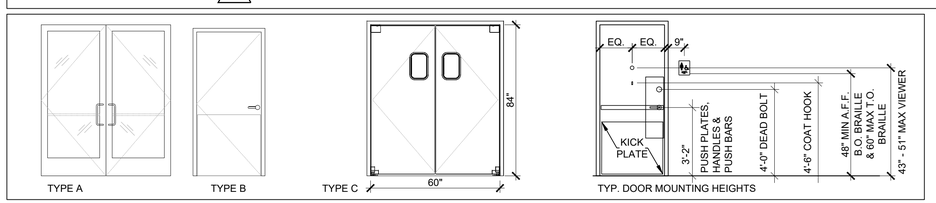
A2-04

DOOR SCHEDULE

MARK	DESCRIPTION	TYPE	REMARKS	FINISH	HARDWARE & ACCESSORIES
101	ENTRY & EXIT	A	EXISTING 6'-0" x 7'-0" STOREFRONT DOOR TO REMAIN	PUSH: EXISTING PULL: EXISTING	SCHALGE IC PRIMUS LARGE FORMAT CORES. CORES AND KEYS WILL BE PROVIDED BY TENANT. DOOR TO HAVE THE VERBIAGE ATTACHED MEETING SECTION 1010.1.9.3 #2.1-2.2. DOOR SHALL NOT HAVE ANY LOCKS OR LATCH DEVICES ATTACHED THAT CAN NOT BE OVERRIDDEN UPON EGRESS.
102	GARAGE	D	EXISTING OVERHEAD DOOR	EXISTING	EXISTING
103	GARAGE / SALES FLOOR	C	ELIASON - LWP-3L DOOR (DOUBLE LEAF) EASY SWING HIGH IMPACT DOUBLE ACTION TRAFFIC DOORS. SALES DEPARTMENT 800-828-3655 (2-3 WEEK PRODUCTION LEAD TIME)	PUSH: SST DOOR & FRAME PULL: SST DOOR & FRAME	AS FURNISHED BY ELIASON ALL HARDWARE AND ACCESSORIES STAINLESS STEEL DOOR FRAME PROVIDED BY ELIASON
104	SALES FLOOR / BACKROOM	C	ELIASON - LWP-3L DOOR (DOUBLE LEAF) EASY SWING HIGH IMPACT DOUBLE ACTION TRAFFIC DOORS. SALES DEPARTMENT 800-828-3655 (2-3 WEEK PRODUCTION LEAD TIME)	PUSH: SST DOOR & FRAME PULL: SST DOOR & FRAME	AS FURNISHED BY ELIASON ALL HARDWARE AND ACCESSORIES STAINLESS STEEL DOOR FRAME PROVIDED BY ELIASON
105	RESTROOM	B	0'-1 3/4" X 3'-0" X 7'-0" HOLLOW METAL DOOR, 2" HOLLOW METAL FRAME	PUSH: SST DOOR & FRAME PULL: SST DOOR & FRAME	SCHLAGE, ND SERIES, RHODES (RHO), BATH/BEDROOM PRIVACY LOCK (ND40S), 626 SATIN CHROMIUM PLATED, 1 1/2 PAIR BUTT HINGES, LCN 4000 SERIES ADA COMPLIANT HEAVY DUTY CLOSER, 34" X 34" DIAMOND PLATE KICK PLATE (BOTH SIDES), FLOOR STOP.
106	REAR HALL	B	0'-1 3/4" X 3'-0" X 7'-0" HOLLOW METAL DOOR, 2" HOLLOW METAL FRAME	PUSH: SST DOOR & FRAME PULL: SST DOOR & FRAME	SCHALGE IC PRIMUS LARGE FORMAT CORES. CORES AND KEYS WILL BE PROVIDED BY TENANT. PANIC BAR: DETEX MODEL V40, 711 FINISH, V.I.F. DOOR WIDTH, 08-BN-689 OUTSIDE LEVER TRIM, US26D CYLINDER, 34" X 34" DIAMOND PLATE KICK PLATE (BOTH SIDES), CLOSER, SELF-CLOSING, SWEEP, IVES U698-180 PEEP HOLE & BUZZER.
107	DISPLAY	B	0'-1 3/4" X 3'-0" X 7'-0" HOLLOW METAL DOOR, 2" HOLLOW METAL FRAME	PUSH: SST DOOR & FRAME PULL: SST DOOR & FRAME	SCHALGE IC PRIMUS LARGE FORMAT CORES. CORES AND KEYS WILL BE PROVIDED BY TENANT
108	REAR ENTRY & EXIT	B	EXISTING 3'-0" x 7'-0" DOOR TO REMAIN	PUSH: EXISTING PULL: EXISTING	SCHALGE IC PRIMUS LARGE FORMAT CORES. CORES AND KEYS WILL BE PROVIDED BY TENANT. PANIC BAR: DETEX MODEL V40, 711 FINISH, V.I.F. DOOR WIDTH, 08-BN-689 OUTSIDE LEVER TRIM, US26D CYLINDER, 34" X 34" DIAMOND PLATE KICK PLATE (INTERIOR SIDE), CLOSER, SELF-CLOSING, SWEEP, IVES U698-180 PEEP HOLE & BUZZER.

NOTE:
- ALL DOOR HARDWARE AND ACCESSORIES FINISHES SHALL MATCH EXISTING U.N.O.
- ALL HINGES TO BE BEARING TYPE. ALL HARDWARE TO BE LEVERS, HAVING AN OBVIOUS METHOD OF OPERATION UNDER ALL LIGHTING CONDITIONS. THE RELEASING MECHANISM SHALL OPEN THE DOOR WITH NOT MORE THAN ONE RELEASING OPERATION, PER NFPA 101 7.2.1.5.9.2.
- ANY DOOR IN A REQUIRED MEANS OF EGRESS FROM AN AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL BE PERMITTED TO BE PROVIDED WITH A LATCH OR LOCK ONLY IF THE LATCH OR LOCK IS PANIC HARDWARE OR FIRE EXIT HARDWARE PER NFPA 101 12.2.2.2.3. PANIC HARDWARE SHALL CONTAIN A MINIMUM OF TWO (2) LOCKING POINTS ON EACH DOOR, ONE LOCATED AT THE HEADER, THE OTHER AT THE THRESHOLD OF THE DOOR. ON SINGLE DOORS, PANIC HARDWARE MAY HAVE ONE LOCKING POINT WHICH IN NOT LOCATED AT EITHER THE TOP OR BOTTOM RAILS OF THE DOOR FRAME, THE DOOR SHALL HAVE AN ASTRAGAL CONSTRUCTED OF STEEL 0.125" THICK WHICH SHALL BE ATTACHED WITH NON-REMOVEABLE BOLTS TO THE OUTSIDE OF THE DOOR. THE ASTRAGAL SHALL EXTEND A MINIMUM OF SIX (6) INCHES VERTICALLY ABOVE AND BELOW THE LATCH OF THE PANIC HARDWARE. THE ASTRAGAL SHALL BE A MINIMUM OF TWO (2) INCHES WIDE AND EXTEND A MINIMUM OF ONE INCH (1) BEYOND THE EDGE OF THE DOOR TO WHICH IT IS ATTACHED. DOUBLE DOORS CONTAINING PANIC HARDWARE SHALL HAVE A FULL ASTRAGAL CONSTRUCTED OF STEEL, ATTACHED TO THE DOORS AT THEIR MEETING POINT WHICH WILL CLOSE THE OPENING BETWEEN THEM, BUT NOT INTERFERE WITH THE OPERATION OF EITHER DOOR.
- DOOR LOCKING BAR - VON DUPRIN MORTISE LOCK DEVICE, 9975-NL-03-3'-US32D, ALARM - THE MONITOR, MODEL 4000AKS WITH STROBE AND BEST LOCK CYLINDER
- SALES COUNTER PROVIDED BY TENANT

1



1 DOOR AND FINISH SCHEDULES
NTS

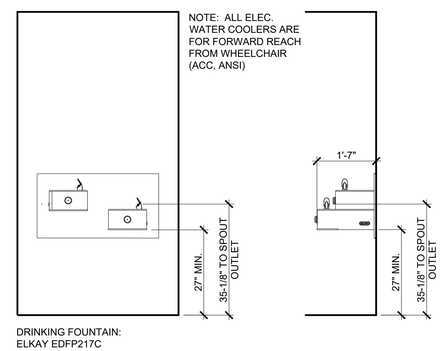
PAINT SCHEDULE

FINISH	DESCRIPTION	FINISH NO.	MFR	MFR NO.	COLOR	FINISH	REMARKS
PAINT	BACK AND FRONT WALLS (SALES FLOOR)	PT-1	SHERWIN WILLIAMS	SW 7019	GAUNTLET GRAY	EGG SHELL	FIRST COAT: SW PREPRITE 200 INTERIOR LATEX WALL PRIMER B28W200. SECOND COAT: SW 7019 SEMI-GLOSS
PAINT	LEFT AND RIGHT WALLS (SALES FLOOR), BACK ROOM WALLS	PT-2	SHERWIN WILLIAMS	SW 7015	REPOSE GRAY	EGG SHELL	ALL SIDE WALLS AND BACKROOM

FINISH SCHEDULE

FINISH	DESCRIPTION	FINISH NO.	MFR	MFR NO.	COLOR	TYPE	REMARKS
BASE	COVE VINYL	B-1	ARMSTRONG	TBD	BLACK	COVE	SALES FLOOR - BACKROOM
CEILING	CEILING TILE	C-1	ARMSTRONG	CORTEGA SECOND LOOK II	WHITE	REC. LAY-IN 2' x 4' x 3/4"	PRELUDE ML 15/16" EXPOSED TEE, 7301 & ML7323 (WHITE), SALES FLOOR - BACKROOM
FLOOR	CERAMIC TILE	F-1	FLOOR & DECOR	RONNE GRIS WOOD PLANK CERAMIC TILE	GRAY	8" x 24"	LAID IN 1/3 BRICK (CAVENDISH) PATTERN, RUNNING PARALLEL TO SIDE WALLS. CERAMIC TILE SHOULD EXTEND INTO THE BACKROOM 4 FEET UNDER THE SLI GRAVITY RACK BULKHEAD FOR THE 3FT DEEP RACK.
	EXISTING POLISHED CONCRETE	F-2	-	-	-		THE BACKROOM AREA IS VOID OF FLOOR COVERINGS AND BOUND WITH STANDARD CONCRETE SEALER BACKROOM SEALER PRODUCT OPTIONS: - H&C SEALER #107-1547, SHERWIN WILLIAMS SEAL KRETE #151-1625
	EPOXY FLOORING	F-3	ARMOR GARAGE	-	LIGHT GRAY		
WALLS	EXISTING 4 PERIMETER WALLS	W-1					TENANT PATCH AND PAINT AREA
	WALL BETWEEN SALES FLOOR AND BACKROOM	W-2					SEE PARTITION SCHEDULE
	EXISTING TO REMAIN	W-3	-	-	-	-	RESTROOM
	FRP	FRP-1	-	-	-	-	AT MOP SINK UP TO 42" A.F.F.

1



2 DRINKING FOUNTAIN MOUNTING
1/2"=1'-0"

1

Municipal Approval Stamps

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

Approved

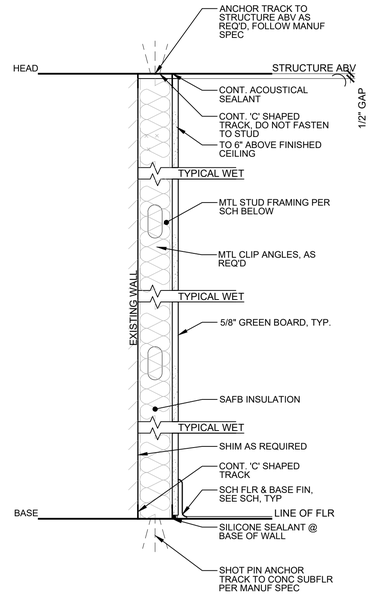
Title

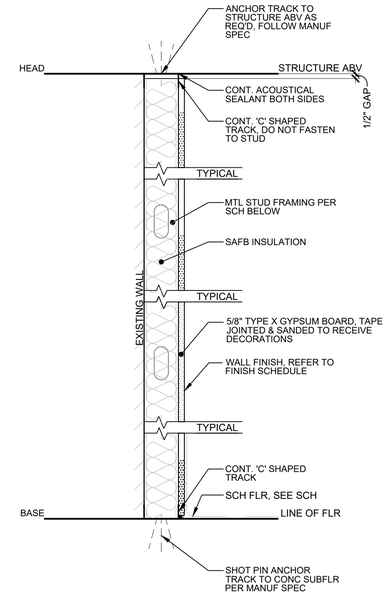
SCHEDULES & COUNTER DETAILS

Sheet

A3-01

Municipal Approval Stamps





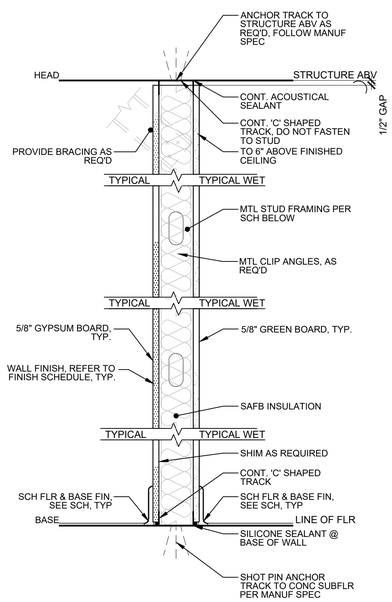
PARTITION: 4 (TYPICAL / TYPICAL WET)

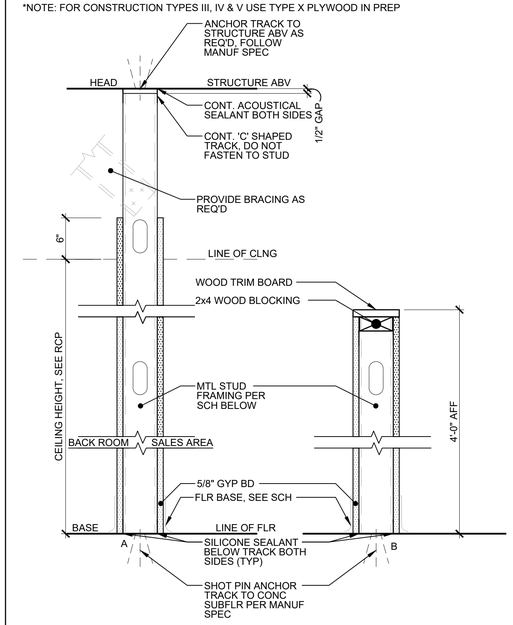
TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	2-1/2"	16" OC	N/A	2"	20	3-1/8"	N/A
B	3-5/8"	16" OC	N/A	3-1/2"	20	4-1/4"	N/A
C	6"	16" OC	N/A	6"	20	6-5/8"	N/A
D	1-5/8"	16" OC	N/A	N/A	20	2-1/4"	N/A

PARTITION: 2 (TYPICAL / EXIST WALL)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	2-1/2"	16" OC	N/A	2"	20	3-1/8"	N/A
B	3-5/8"	16" OC	N/A	3-1/2"	20	4-1/4"	N/A
C	6"	16" OC	N/A	6"	20	6-5/8"	N/A
D							

*NOTE: FOR CONSTRUCTION TYPES I & II USE FRT PLYWOOD IN PREP
*NOTE: FOR CONSTRUCTION TYPES III, IV & V USE TYPE X PLYWOOD IN PREP





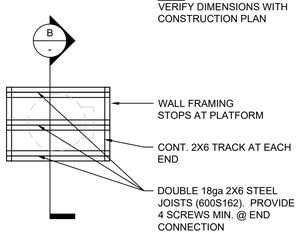
PARTITION: 3 (TYPICAL / TYPICAL WET)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
A	3-5/8"	16" OC	N/A	3-1/2"	20	5" NOM	N/A
B	6"	16" OC	N/A	6"	20	7-1/4"	N/A
C							
D							

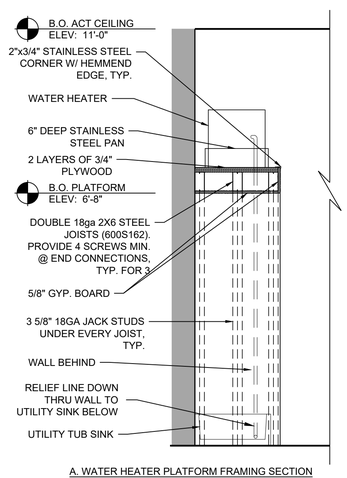
PARTITION: 1 (SALES/ BACK ROOM)

TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING	
A	3-5/8"	16" OC	N/A	0	20	5" NOM	N/A	
B	3-5/8"	16" OC	N/A	0	20	5" NOM	N/A	4'x4' KNEE WALL
C								EXISTING

NOTE
VERIFY DIMENSIONS WITH CONSTRUCTION PLAN



B. WATER HEATER PLATFORM FRAMING PLAN



A. WATER HEATER PLATFORM FRAMING SECTION

1 WATER HEATER PLATFORM
1/2"=1'-0"

GENERAL PARTITION NOTES

1. PARTITIONS ARE INDICATED ON FLOOR PLANS BY GRAPHIC DESIGNATION AND/OR TYPE SYMBOL - REFER TO PARTITION LEGEND.
2. LINE OF STRUCTURE INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY - VERIFY EXISTING CONDITIONS IN FIELD.
3. DO NOT FASTEN PARTITION STUDS AND GYPSUM BOARD TO METAL CEILING RUNNER, TO ALLOW FOR STRUCTURAL DEFLECTION.
4. PROVIDE BRACING WHERE PARTITION HEIGHT EXCEEDS MANUFACTURER'S ALLOWABLE HEIGHT. DO NOT BRACE TO DUCTWORK OR OTHER SUCH COMPONENTS VERIFY ALLOWABLE HEIGHT PSF REQUIREMENTS WITH LOCAL CODE AUTHORITIES.
5. THE FIRE RATINGS AND STC RATINGS NOTED FOR THE GYPSUM BOARD PARTITION ASSEMBLIES SHOWN ARE COPIED AND TRANSCRIBED HERE FOR CONVENIENCE ONLY FROM THE UNDERWRITERS LABORATORY DIRECTORY AND THE UNITED STATES GYPSUM CATALOG.
6. WALL ASSEMBLIES AND PARTITIONS THAT RECEIVE FIRE RESISTIVE RATINGS SHALL BE CONSTRUCTED PER TESTED ASSEMBLIES. MANUFACTURER'S RECOMMENDATIONS AND THE REQUIREMENTS OF ALL APPLICABLE CODES AND LOCAL GOVERNING AUTHORITIES.
7. PENETRATIONS OR PRODUCTS FOR USE IN SPECIFIC FIRE RATED PARTITION ASSEMBLIES SHALL BE BASED ON SUCCESSFUL PERFORMANCE IN FIRE TESTS. THESE PENETRATIONS MAY INCLUDE BUT ARE NOT LIMITED TO ITEMS SUCH AS PIPING, CONDUIT, OR HVAC DUCTWORK.
8. EACH PARTITION SHOWN ON THE DRAWINGS TO BE A FIRE AND/OR SMOKE RESISTANT PARTITION SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL, 8'-0" O.C.
9. FIRE AND/OR SMOKE RESISTANT RATINGS ARE TO CONTINUE ABOVE ALL OPENINGS IN RATED PARTITIONS.
10. ELECTRICAL RECEPTACLES SHALL NOT BE LOCATED IN FIRE RATED PARTITIONS IN EXCESS OF TWO HOURS.
11. THE SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQ. IN. THE AGGREGATE SURFACE AREA OF BOXES SHALL NOT EXCEED 100 SQ. IN. PER 100 SQ. FT. OF WALL AREA. A HORIZONTAL DISTANCE OF 24 IN. SHALL SEPARATE BOXES LOCATED ON OPPOSITE SIDES OF PARTITIONS.
12. BOXES LOCATED IN CORRIDOR AND UNIT DEMISING PARTITIONS SHALL BE TREATED WITH ACOUSTICAL SEALANT AROUND PERIMETER AND BEHIND EACH BOX (FULL CLOSURE BED). IN ADDITION, OUTLET AND JUNCTION BOXES SHALL BE SEPARATED BY INSTALLING A METAL STUD BETWEEN THEM IN THE PARTITION.
13. COMPLETELY SEAL WITH CONTINUOUS ACOUSTICAL SEALANT ALL PARTITION HEADS, BASES, AND ENDS, PLUS SEAL ALL PENETRATIONS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING WORK.
14. SOUND ATTENUATION BLANKETS ARE TO BE INSTALLED IN ALL PARTITIONS SEPARATING PUBLIC FROM PRIVATE AREAS AND WHERE NOISE CAN BE TRANSMITTED (RESTROOMS) EXTEND BLANKETS FULL HEIGHT OF PARTITION UP TO BOTTOM OF STRUCTURE, INSTALLED IN TIGHT, COMPRESSION FIT TO STUDS, STRUCTURE AND ADJACENT SURFACES.
15. FINAL LOCATION AND PLACEMENT OF MEPFP ITEMS (BOTH HORIZONTAL AND VERTICAL) SHALL BE COORDINATED SUCH THAT THEY DO NOT TOUCH STUD PARTITION ASSEMBLIES AND CREATE AN ACOUSTICAL PROBLEM SUCH AS VIBRATION, IMPACT NOISE, ETC.
16. PROVIDE FIRE RETARDANT WOOD BLOCKING IN METAL STUD PARTITIONS AS REQUIRED FOR SUPPORT AND/OR INSTALLATION OF DOOR FRAMES, MOLDINGS, MILLWORK, WALL PANELS, HANDRAILS, GRAB BARS, AND/OR PARTITIONS WHICH CONTAIN PLUMBING FIXTURES (SUCH AS WET WALLS AND WALLS ADJACENT TO AND BEHIND PLUMBING FIXTURES) U.N.O.
19. CEMENTITIOUS BACKER BOARD SHALL BE USED AT PARTITIONS WHICH CONTAIN BATHROOM OR KITCHEN PLUMBING FIXTURES U.N.O.
20. USE GALVANIZED METAL CORNER BEADS AND EDGE TRIMS (OR SCREEDS AS REQUIRED) IN ALL EXPOSED WORK, POSITIVELY ATTACHED WITH FASTENERS.
21. TAPE AND APPLY JOINT COMPOUND TO ALL INTERIOR CORNERS AND MOVEMENT CONTROL JOINTS IN GYPSUM BOARD PARTITIONS U.N.O.
22. PROVIDE VERTICAL CONTROL JOINTS FOR ANY UNINTERRUPTED PARTITION LENGTH AT 30'-0" O.C. IN THE HORIZONTAL DIRECTION WHERE INDICATED OR AS REQUIRED. VERIFY LOCATIONS WITH ARCHITECT BEFORE INSTALLATION.
23. ALL PLUMBING, MECHANICAL AND ELECTRICAL WORK WITHIN PUBLIC SPACES IS TO BE CONCEALED BY PAINTED SUSPENDED GYPSUM BOARD SOFFITS AND CEILINGS, COORDINATE LOCATIONS WITH MEPFP DRAWINGS.
24. PROVIDE CONTINUOUS GYPSUM BOARD CANTS OF 75 DEGREES WITH 4" 20 GA GALVANIZED SHEET METAL STRAPS 4'-0" O.C. IN ELEVATOR SHAFTS MORE THAN 2".
25. ALL MASONRY PARTITIONS THAT EXTEND BETWEEN STRUCTURAL CONCRETE COLUMNS AND/OR SHEAR WALLS SHALL HAVE VERTICAL SEALANT JOINTS BETWEEN CONCRETE AND MASONRY.
26. ALL FIRESAFED MASONRY PARTITIONS SHALL HAVE CONTINUOUS FIRESAFING OF DENSITY AS SPECIFIED. PROVIDE CONTINUOUS JOINT FILLER AND ELASTOMERIC SEALANT AT THE TOP OF THE WALL AND UNDERSIDE OF STRUCTURE.
27. INTERSECTIONS OF MASONRY PARTITIONS SHALL BE CONSTRUCTED BY INTERLOCKING ALTERNATE COURSES OF MASONRY AND INSTALLING METAL TIES, RIGID ANCHORS, OR PREFABRICATED JOINT REINFORCEMENT.
28. COORDINATE LOCATIONS OF ALL OPENINGS REQUIRED IN MASONRY PARTITIONS WITH ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE AND REINFORCING SCHEDULE.
29. SEE FINISH PLAN FOR WATERPROOFING REQUIREMENTS

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Consultant

No.	Issue	Date
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

Seal

CLIENT REVIEW

Store Number 19-107

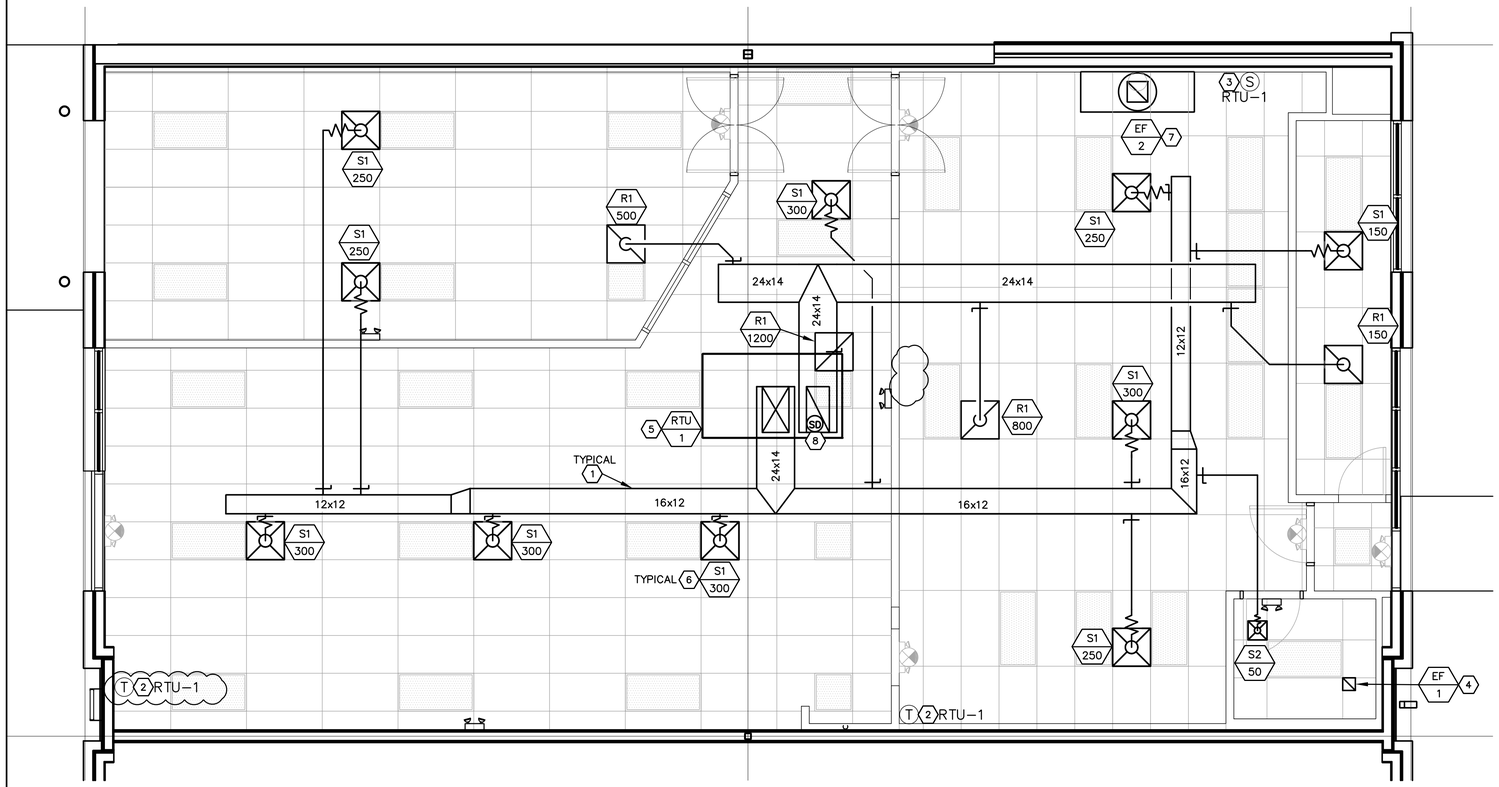
Approved

Title

PARTITION SCHEDULES & DETAILS

Sheet

A3-02



N

1 MECHANICAL FLOOR PLAN

1/4" = 1'-0"

MECHANICAL KEYED NOTES

1. FURNISH AND INSTALL GALVANIZED STEEL DUCTWORK. SIZES SHOWN ARE SHEET METAL SIZES. DUCTWORK ABOVE CEILINGS SHALL BE INSULATED WITHE 1-1/2" EXTERNAL WRAP.
2. FURNISH AND INSTALL PROGRAMMABLE THERMOSTAT ECOBEE EMS SI TO CONTROL ROOFTOP UNIT. MOUNT AT 42" A.F.F. VERIFY PROPER OPERATION IN FIELD.
3. NOT USED.
4. FURNISH AND INSTALL RESTROOM EXHAUST FAN (EF-1). BALANCE TO 75 CFM. VERIFY EXACT LOCATION OF FAN AND ALL ASSOCIATED DUCTWORK IN FIELD. ROUTE 6"ø EXHAUST DUCT UP THROUGH ROOF.
5. NEW ROOFTOP UNIT BY LANDLORD (RTU-1). VERIFY EXACT LOCATION IN FIELD.
6. FURNISH AND INSTALL NEW AIR DEVICE. MAXIMUM FIVE (5) FEET OF FLEXIBLE DUCT. ONLY ONE 90° ELBOW ALLOWED IN FLEXIBLE DUCTWORK.
7. FURNISH AND INSTALL EXHAUST HOOD AND EXHAUST FAN (EF-2) OVER PREP TABLE PER OWNER REQUIREMENTS. FAN TO BE CONTROLLED BY WALL SWITCH. EXHAUST FAN TO BE LOCATED A MINIMUM OF 10' FROM THE ROOF EDGE AND ALL OUTDOOR AIR INTAKES.
8. PROVIDE SMOKE DETECTOR MOUNTED IN RETURN DUCT TO MEET CODE REQUIREMENTS. DETECTOR SHALL DE-ENERGIZE UNIT SUPPLY FAN UPON DETECTION OF SMOKE.

MECHANICAL SYMBOLS LEGEND

T	THERMOSTAT
SD	SMOKE DETECTOR
	FLEXIBLE DUCT
	VOLUME DAMPER
FD	FIRE DAMPER
	CEILING SUPPLY AIR DIFFUSER
	CEILING RETURN AIR GRILLE
	SIDEWALL AIR DIFFUSER OR GRILLE
	NEW DUCTWORK
	EXISTING DUCTWORK
D	CONDENSATE DRAIN
G	GAS PIPING
	PIPE TURNING DOWN
	PIPE TURNING UP
	BALL VALVE
	GATE VALVE
	CONNECTION OF NEW TO EXISTING
	CHECK VALVE
	GAS COCK
	UNION
	PRESSURE GAUGE
	STRAINER
AFF	ABOVE FINISHED FLOOR
S1 / 100	AIR DEVICE # / CFM — S – SUPPLY, R – RETURN, E – EXHAUST

RTU SCHEDULE (BY LANDLORD)

MARK	MFR	MODEL NO.	TONS	EER/ SEER	CFM	O.A. CFM	ESP	CLG MBH TOT.	CLG MBH SENS.	GAS HEAT MBH IN/OUT	ELECTRICAL MCA	ELECTRICAL MOCP	ELECTRICAL VOLT/PHASE	REMARKS
RTU-1	TRANE	YSC092H3	7.5	11.2/-	2700	320	0.8	91.3	85.1	150/120	39	50	208/3	1,2,3

1. LANDLORD TO PROVIDE ROOFTOP UNIT. UNIT TO BE PROVIDED WITH NEW MANUFACTURER APPROVED ROOF CURB, COORDINATE EXACT LOCATION IN FIELD.
2. VERIFY ELECTRICAL VOLTAGE/PHASE WITH ELECTRICAL CONTRACTOR IN FIELD.
3. UNIT TO BE PROVIDED WITH DRY BULB ECONOMIZER, UN-POWERED CONVENIENCE OUTLET, FACTORY DISCONNECT, HOT GAS REHEAT, COIL GUARDS, BAROMETRIC RELIEF DAMPER, AND THROWAWAY FILTER.

AIR DEVICE SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	MATL.	FRAME TYPE	PANEL SIZE	NOTES
S1	TITUS	TMS	STEEL	LAY-IN	24x24	1
S2	TITUS	TDC	STEEL	LAY-IN	12x12	1
R1	TITUS	350R	STEEL	LAY-IN	24x24	1

1. DIFFUSER NECK SIZE TO BE SAME AS DUCT RUN-OUT. SEE PLANS FOR RUN-OUT SIZES.

EXHAUST FAN SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	AREA SERVED	CFM	ESP (WC)	FAN HP VOLTAGE	WEIGHT (LBS)	NOTES
EF-1	GREENHECK	G-060-VG	RESTROOM	75	0.4"	1/6 HP 120V	15	1
EF-2	COOK	60 ACEB	PREP TABLE HOOD	125	0.5"	1/6 HP 120V	46	1

NOTES:
1. ROOF MOUNTED EXHAUST FAN. PROVIDE WITH ROOF CURB, BIRD SCREEN AND BACKDRAFT DAMPER. FAN TO BE CONTROLLED BY SWTCH.

DIFFUSER NECK/RUNOUT SIZE SCHEDULE

NECK SIZE	CFM
6"ø	0 – 140
8"ø	150 – 250
10"ø	260 – 400
12"ø	410 – 600
14"ø	610 – 1000
16"ø	1010 – 1400
18"ø	1410 – 1900

Municipal Approval Stamps

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Ædifica engineering | case — St. Louis - Montreal
796 Meramec Court
St. Louis, MO 63026
T 636.349.1600
F 636.349.1730
aedificacase.com
mechanical
electrical
plumbing
fire protection
structural
CERTIFICATE OF AUTHORITY NO. 3834-11

Consultant

No.	Issue	Date
	PERMIT SET	6-7-2019

Seal

PERMIT SET

Store Number 19-107

Approved

Title

MECHANICAL PLAN

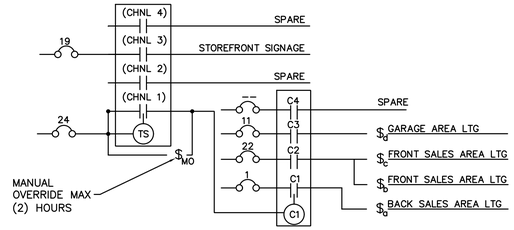
Sheet

M1-01

LIGHTING FIXTURE SCHEDULE

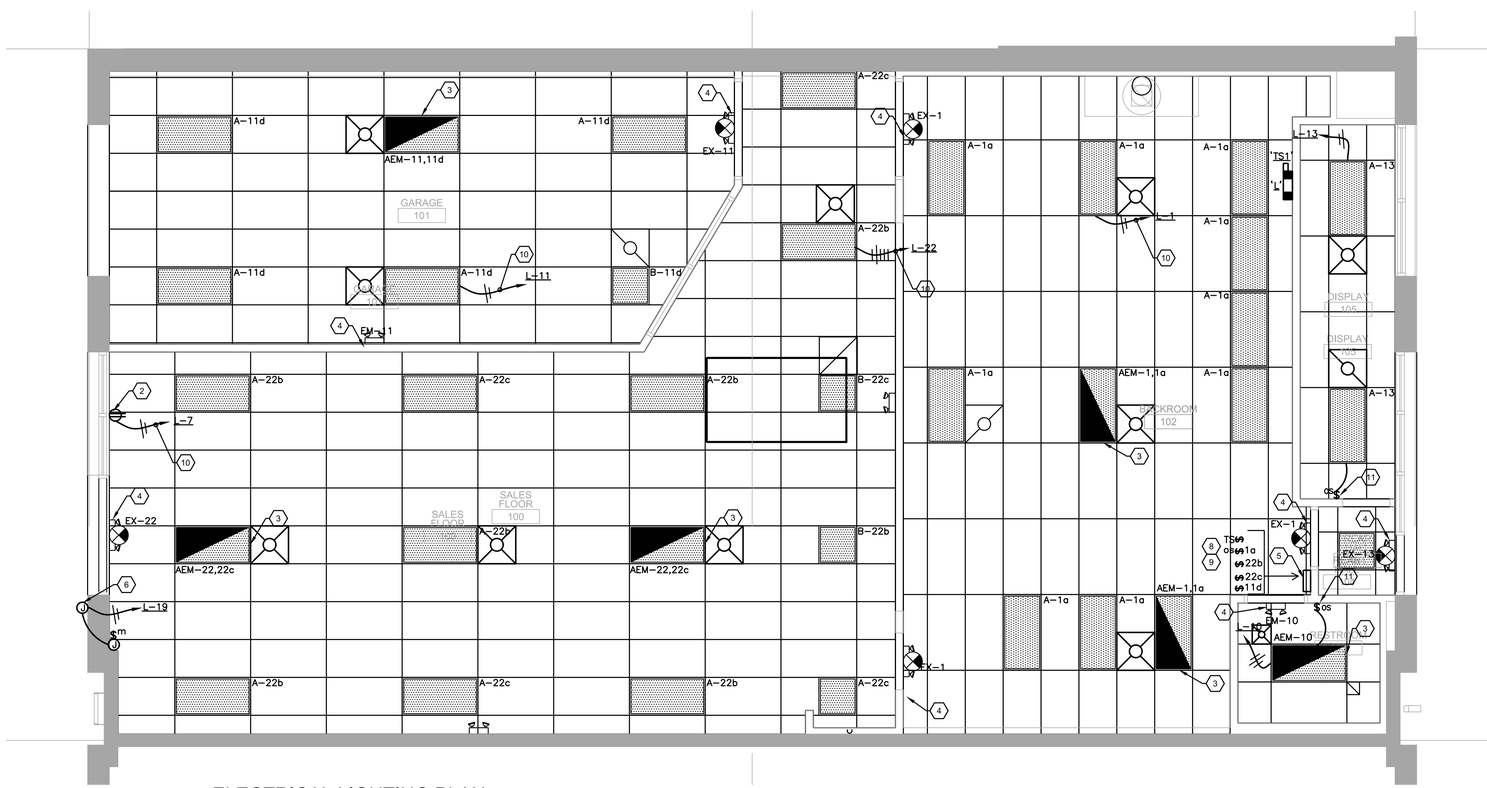
TYPE	MANUF	MODEL	DESCRITPTION	MATERIAL FINISHES	WATTAGE	VOLTAGE	LAMP TYPE	COLOR TEMP
A	WERKER LAMPS	FIX11660	2X4IN ACT LAY-IN RECESSED LED LIGHTING	WHITE	50W	120	LED	4000 K
AEM	WERKER LAMPS	FIX11660	2X4IN ACT LAY-IN RECESSED LED LIGHTING EM - PROVIDE EMERGENCY DRIVER	WHITE	50W	120	LED	4000 K
B	XX	FIX1165	2X2 ACT LAY-IN RECESSED LED LIGHTING	WHITE	40W	120	LED	4000 K
EM	XX	XX	DUAL HEAD EMERGENCY	WHITE	XX	120	LED	
EX	XX	XX	EXIT SIGN	WHITE	XX	120	LED	

NOTES :
1. GC TO VERIFY OWNER TO PROVIDE LED PANELS.
2. RESTROOMS TO HAVE OCCUPANCY OR VACANCY SENSOR.
3. ALL FIXTURES AND CONDIUT INSTALLED IN PLENUM AREAS NEED TO BE PLENUM RATED.
4. ORDER AN EXTRA CASE OF BULBS PER FIXTURE. BUYER TO ADD TO ORDER SHEET.
5. EXIT SIGNS ARE CALLED OUT W/ RED LETTERS. GC TO VERIFY LOCAL REQUIREMENT AND ADJUST ORDER ACCORDINGLY.
6. GC TO COORDINATE WITH LOCAL JURISDICTION. QUANTITY AND LOCATION OF EMERGENCY LIGHTING. ADJUST ORDER ACCORDINGLY.
7. PROVIDE EMERGENCY DRIVER WHERE INDICATED. (EM)



1. FURNISH AND INSTALL NEW 4 CHANNEL TORK MODEL DZS400BP TIME SWITCH. FURNISH AND INSTALL NEW CONTACTORS FOR LIGHTING CONTROLS AS INDICATED, USE SQUARE-D OR EQUIVALENT.
2. STOREFRONT SIGNAGE TO OPERATE ON TIMER.

2 INTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE



1 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

GENERAL ELECTRICAL NOTES:

1. CONNECT ALL SIGNALING/CONTROL DEVICES PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
2. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY STATE/LOCAL CODES.
3. ALL CONDUIT SHALL BE GALVANIZED RIGID HEAVY WALL STEEL, OR EMT, SIZES SHALL BE DETERMINED PER N.E.C. WATERTIGHT FITTINGS SHALL BE PROVIDED AS REQUIRED BY CODE. EMT CONDUITS SHALL HAVE COMPRESSION FITTINGS. FLEXIBLE CONDUITS (GALVANIZED STEEL) MAY BE USED FOR SHORT CONDITIONS TO VIBRATING EQUIPMENT, AND SHOWCASES, AS REQUIRED. 1/2 INCH SIZE MINIMUM, WITH A MAXIMUM LENGTH OF 6 FEET.
4. ALL ELECTRICAL EQUIPMENT SHALL BE RESTRAINED FOR SEISMIC FORCES IN ACCORDANCE WITH ALL BUILDING CODES.
5. ALL EQUIPMENT NOT TO BE REUSED IS TO BE REMOVED FROM SPACE COMPLETELY. NO EQUIPMENT OR COMPONENTS MAY BE ABANDONED IN PLACE WITHOUT WRITTEN PERMISSION FROM THE LANDLORD.
6. EXACT LOCATION, CUT-OUTS AND MOUNTING HEIGHTS FOR WIRING DEVICES IN CASEWORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
7. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHTING FIXTURES, DO NOT SCALE FROM THESE DRAWINGS.
8. ALL CIRCUIT BREAKERS USED FOR LIGHTING CIRCUITS SHALL BE SWITCH DUTY RATED TYPE CIRCUIT BREAKERS.
9. VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO BID. NOTIFY OWNER OF ANY DISCREPANCIES. IF ACCEPTABLE TO OWNER'S REPRESENTATIVE, EXISTING EQUIPMENT MAY BE RE-USED. IF NOT ACCEPTABLE, FURNISH AND INSTALL NEW.
10. ALL RECEPTACLES, DATA AND TELEPHONE OUTLETS ARE TO BE MOUNTED AT +20" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
11. ALL OUTLETS, SWITCHES AND COVER PLATES FOR ALL ELECTRICAL RUNS ARE TO BE WHITE.

KEYED ELECTRICAL NOTES:

1. FURNISH AND INSTALL NEW TIME SWITCH 'TS1' AND CONTACTORS FOR CONTROLLING SALES AREA LIGHTING. REFER TO LIGHTING CONTROL DIAGRAM ON THIS SHEET. SET TIME AS DIRECTED BY TENANT/LANDLORD.
2. FURNISH AND INSTALL OUTLET FOR SHOW WINDOW REQUIRED BY CODE. MOUNT TO CEILING ABOVE DISPLAY ELEMENT OR TO ADJACENT WALL ABOVE STOREFRONT WINDOWS AS NEEDED. FIELD VERIFY EXACT LOCATION PRIOR TO FINAL ROUGH-IN.
3. CIRCUIT LIGHT FIXTURE TO SWITCHED CIRCUIT AND EMERGENCY DRIVER TO UNSWITCHED CIRCUIT.
4. CIRCUIT ALL EXIT LIGHTS, EMERGENCY LIGHTS AND NIGHT LIGHTS TO UNSWITCHED LIGHTING CIRCUIT.
5. LOCATION OF SWITCH BANK, SWITCHES FURNISHED AND INSTALLED BY EC.
6. PROVIDE 120 VOLT, POWER FOR SIGN. EC TO PROVIDE 20A, 120V TOGGLE SWITCH ABOVE ACCESSIBLE CEILING WITH A DEDICATED #10 COPPER GROUND WIRE FROM EQUIPMENT GROUND BUS IN PANEL FOR CIRCUIT SERVING SIGN.
7. NOT USED.
8. WALL SWITCH TO ACT AS TIME SWITCH OVERRIDE. REFER TO DETAIL #2 ON THIS SHEET.
9. FURNISH AND INSTALL OCCUPANCY WALL SWITCH – WATT STOPPER #WS250-WH OR EQUAL.
10. REFER TO LIGHTING CONTROL DIAGRAM THIS SHEET.
11. EC TO FURNISH AND INSTALL OCCUPANCY WALL SWITCH – WATT STOPPER #WS250-WH OR EQUAL.

Municipal Approval Stamps

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

St. Louis - Montreal
Ædifica engineering | case
796 Menus Court
St. Louis, MO 63026
T 636.349.1600
F 636.349.1730
aedificacase.com
mechanical
electrical
plumbing
fire protection
structural
CERTIFICATE OF AUTHORITY NO. 3834-11

Consultant

No.	Issue	Date
	PERMIT SET	6-7-2019

Seal

PERMIT SET

Store Number 19-107

Approved

Title

LIGHTING PLAN

Sheet

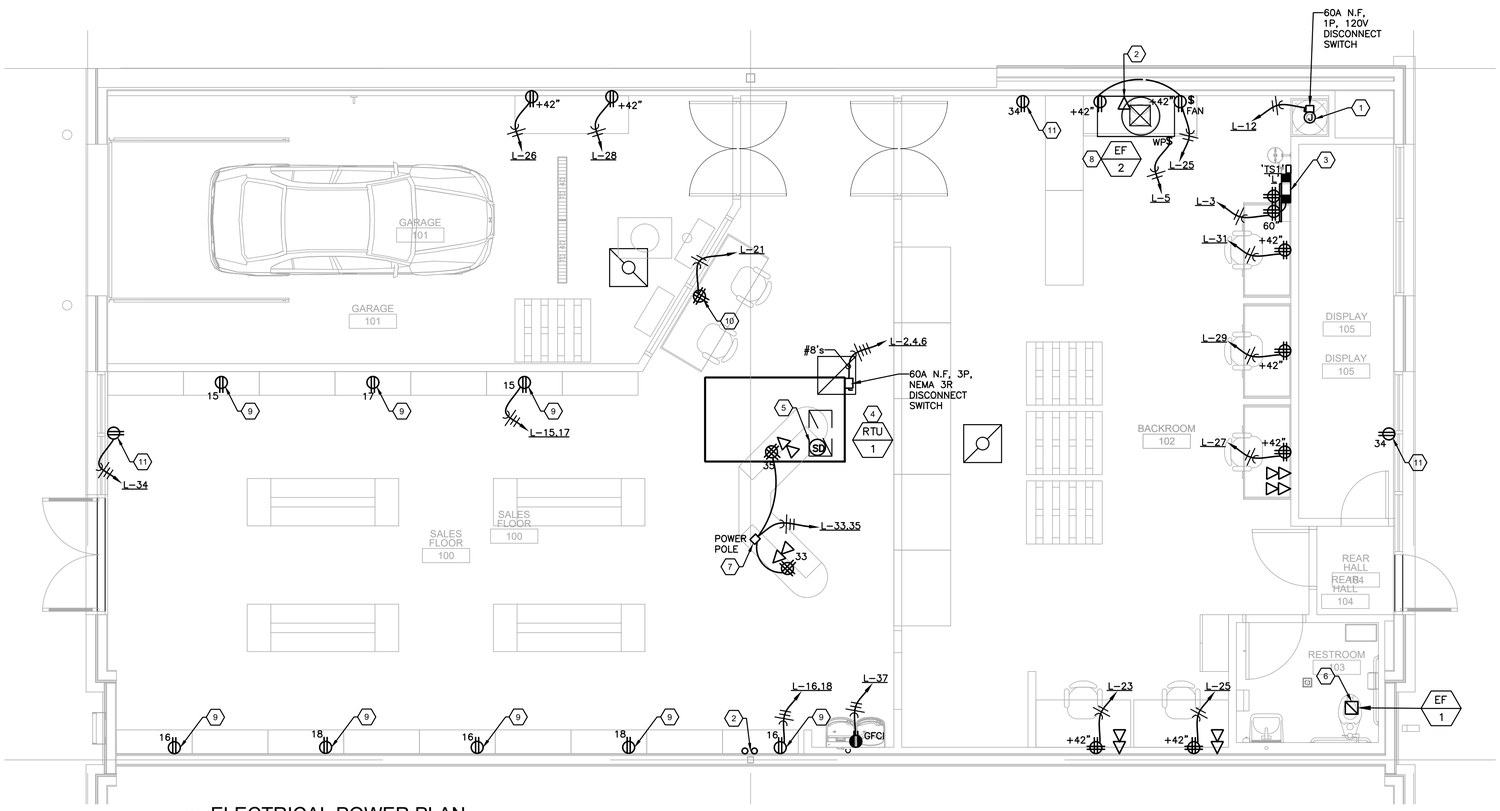
E1-01

GENERAL ELECTRICAL NOTES:

1. CONNECT ALL SIGNALING/CONTROL DEVICES PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
2. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY STATE/LOCAL CODES.
3. ALL CONDUIT SHALL BE GALVANIZED RIGID HEAVY WALL STEEL, OR EMT, SIZES SHALL BE DETERMINED PER N.E.C. WATERTIGHT FITTINGS SHALL BE PROVIDED AS REQUIRED BY CODE. EMT CONDUITS SHALL HAVE COMPRESSION FITTINGS. FLEXIBLE CONDUITS (GALVANIZED STEEL) MAY BE USED FOR SHORT CONDITIONS TO VIBRATING EQUIPMENT, AND SHOWCASES, AS REQUIRED. 1/2 INCH SIZE MINIMUM, WITH A MAXIMUM LENGTH OF 6 FEET.
4. ALL ELECTRICAL EQUIPMENT SHALL BE RESTRAINED FOR SEISMIC FORCES IN ACCORDANCE WITH ALL BUILDING CODES.
5. ALL EQUIPMENT NOT TO BE REUSED IS TO BE REMOVED FROM SPACE COMPLETELY. NO EQUIPMENT OR COMPONENTS MAY BE ABANDONED IN PLACE WITHOUT WRITTEN PERMISSION FROM THE LANDLORD.
6. EXACT LOCATION, CUT-OUTS AND MOUNTING HEIGHTS FOR WIRING DEVICES IN CASEWORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
7. REFER TO ARCHITECTS REFLECTED CEILING PLAN FOR EXACT LOCATION OF LIGHTING FIXTURES, DO NOT SCALE FROM THESE DRAWINGS.
8. ALL CIRCUIT BREAKERS USED FOR LIGHTING CIRCUITS SHALL BE SWITCH DUTY RATED TYPE CIRCUIT BREAKERS.
9. VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO BID. NOTIFY OWNER OF ANY DISCREPANCIES. IF ACCEPTABLE TO OWNER'S REPRESENTATIVE, EXISTING EQUIPMENT MAY BE RE-USED. IF NOT ACCEPTABLE, FURNISH AND INSTALL NEW.
10. ALL RECEPTACLES, DATA AND TELEPHONE OUTLETS ARE TO BE MOUNTED AT +20" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
11. ALL OUTLETS, SWITCHES AND COVER PLATES FOR ALL ELECTRICAL RUNS ARE TO BE WHITE.

KEYED ELECTRICAL NOTES:

1. NEW 3KW WATER HEATER MOUNTED ON SHELF ABOVE MOP SINK. COORDINATE ADDITIONAL REQUIREMENTS WITH PLUMBING CONTRACTOR. PROVIDE (1)#10, (1)#10G IN 3/4"C WITH 35A SINGLE POLE LOCK-OUT TYPE CIRCUIT BREAKER IN PANEL 'L' AND CIRCUIT AS INDICATED. CIRCUIT BREAKER SERVES AS DISCONNECTING MEANS PER NEC. ART 422.31(B).
2. STUB CONDUITS UP THRU WALL. STUB TELEPHONE CONDUITS OUT OF WALL AND INTO ACCESSIBLE CEILING SPACE. FIELD VERIFY STUB-UP LOCATION WITH TENANT REPRESENTATIVE.
3. NEW TELEPHONE TERMINAL BOARD (TTB). PROVIDE 3/4" PLYWOOD PAINTED WITH FLAME RETARDANT PAINT AND GROUND BUS WITH #6 EQUIPMENT GROUND BACK TO GROUNDING SYSTEM. FURNISH AND INSTALL (2) DEDICATED QUADRUPLEX RECEPTACLE AT 60" AFF. VERIFY LOCATION WITH OWNER AND CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
4. NEW ROOF TOP UNIT. PROVIDE 60A, NON-FUSED, 3P, NEMA 3R DISCONNECT SWITCH. COORDINATE EXACT LOCATION WITH EQUIPMENT MANUFACTURER AND M.C. PRIOR TO ROUGH-IN AND INSTALLATION.
5. EC SHALL INSTALL MC PROVIDED SMOKE DETECTOR IN RETURN AIR DUCT WITH REMOTE ALARM INDICATOR/TEST SWITCH/RESET BUTTON. COORDINATE LOCATION WITH MC PRIOR TO BID AND ROUGH-IN.
6. NEW EXHAUST FAN. CIRCUIT FAN TO LOAD SIDE OF WALL MOUNTED OCCUPANCY SENSOR SERVING THIS AREA.
7. EC SHALL PROVIDE A (2) CHANNEL POWER POLE (SIZE AND LENGTH REQUIRED TO BE CONFIRMED WITH FIELD CONDITIONS) TO SERVICE CASH WRAP. BRACE AT FLOOR AND STRUCTURE AS REQUIRED. EC TO PROVIDE (4) 1 GANG BOXES FOR POWER & DATA AT EACH CASH WRAP. SEE ARCHITECTURAL A1-03 FOR POWER POLE LOCATION.
8. NEW EXHAUST FAN MOUNTED ON ROOF. PROVIDE 120V, 20A NON-FUSED MOTOR RATED NEMA 3R DISCONNECT. FAN IS CONTROLLED BY WALL SWITCH. CIRCUIT AS INDICATED.
9. MOUNT SALES FLOOR RECEPTACLES AT 4" AFF AND HORIZONTAL. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
10. MOUNT RECEPTACLE ABOVE DESK. PROVIDE WITH INTEGRATED USB OUTLET. USB SHALL RATED AT MINIMUM 3 AMPS. REC VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN AND INSTALLATION.
11. EC TO PROVIDE RECEPTACLE FOR INTERIOR SIGNS. FIELD VERIFY EXACT MOUNTING HEIGHT, LOCATION AND REQUIREMENTS PRIOR TO BID AND ROUGH IN.



1 ELECTRICAL POWER PLAN
1/4" = 1'-0"

NEW PANEL 'L'

SURFACE MOUNTED

120/208 VOLTS 3 PHASE 4 WIRE 200 AMP. BUS VERIFY A.I.C. SERIES RATED

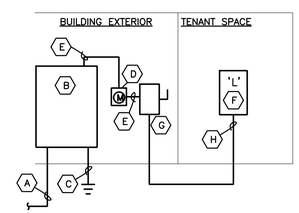
MCB CIRCUIT BREAKER TYPE

	CKT. NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD– V. A. AØ	BØ	CØ	LOAD SERVED	NO. POLE	TRIP AMPS	CKT. NO.	
C1	1	20	1	BACK SALES LTG	400 / 4680			RTU–1	3	50	2	
	3	20	1	TTB		360 / 4680					4	
	5	20	1	EF–2			600 / 4680				6	
	7	20	1	SHOW WINDOW REC.	1000 / 180			RTU–1 REC.	1	20	8	
	9	20	1	CONVENIENCE REC.		360 / 50		RESTROOM LTG	1	20	10	
C3	11	20	1	GARAGE LTG			290 / 3000	WATER HEATER	1	35	12	
	13	20	1	DISPLAY AREA LTG	100 / 360			DISPLAY REC.	1	20	14	
	15	20	1	SALES FLOOR REC.		540 / 540		SALES FLOOR REC.	1	20	16	
	17	20	1	SALES FLOOR REC.			540 / 540	SALES FLOOR REC.	1	20	18	
T/S	19	20	1	STOREFRONT SIGN	1200 / 360			RESTROOM REC.	1	20	20	
	21	20	1	9 BATTERY DESK REC.		540 / 1400		FRONT SALES LTG	1	20	22	L/O to C.
	23	20	1	DR DESK REC.			360 / 500	TIME SWITCH	1	20	24	L/O
	25	20	1	DR DESK REC.	360 / 720			GARAGE TOOL REC.	1	20	26	
	27	20	1	BACK OFFICE DESK REC.		360 / 720		GARAGE BATTERY REC.	1	20	28	
	29	20	1	WELDER STATION REC.			720 / 0	SPARE	1	20	30	
	31	20	1	KEY F.O.B. STATION REC.	360 / --			SPACE	1	20	32	
	33	20	1	POS REC.		180 / 1000		INTERIOR SIGNS	1	20	34	
	35	20	1	POS REC.			180 / --	SPACE	1	20	36	
	37	20	1	ELECTRIC WATER COOLER	1000 / --			SPACE	1	--	38	
	39	--	1	SPACE		-- / --		SPACE	1	--	40	
	41	--	1	SPACE			-- / --	SPACE	1	--	42	
					9095	9080	9920					

LOAD DESCRIPTION	DEMAND FACTOR D.F.	VOLT – AMPS CONNECTED	DEMAND
LIGHTING	1.25	4440	5500
RECEPTACLES	1st 10KVA @ 100% REMAINDER @ 50%	9280	9280
MISC. EQUIPMENT	1.00	500	500
WATER HEATER	1.00	3000	3000
HVAC EQUIPMENT	1.00	14640	14640
	TOTAL–	31860	32920

HT PROVIDE HANDLE TIE ON BREAKERS
L/O PROVIDE LOCK-ON DEVICE
GFI GROUND FAULT CURRENT INTERRUPTER
C# CONTACTOR #
T/S TIME SWITCH

PANELBOARD LOAD = 32960 V.A.
FULL LOAD AMPS = 91 A.



2 ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

KEYED ONE-LINE NOTES:

A. EXISTING BUILDING SERVICE FEEDER FROM EXISTING UTILITY TRANSFORMER.
B. EXISTING TAP CAN AND GUTTER.
C. EXISTING BUILDING SERVICE GROUNDING.
D. EC TO PROVIDE LOCAL UTILITY APPROVED 208V, 3ø, 200A RATED TENANT SERVICE METER AND METER ENCLOSURE.
E. EC TO VERIFY EXISTING TENANT SERVICE FEEDERS ARE A MINIMUM OF (4)#3/0, (1)#4G IN 4"C. FIELD VERIFY AND REPORT ANY DISCREPANCIES TO TENANT'S REPRESENTATIVE PRIOR TO BID.
F. NEW PANEL 'L' 200 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE, 42-POLE, WITH 150A MAIN CIRCUIT BREAKER. PANEL SHALL BE PROVIDED BY TENANT.
G. LANDLORD PROVIDED NEMA 3R, 200A-3P DISCONNECT SWITCH FUSED AT 200 AMPS.
H. EC TO PROVIDE SERVICE FEEDERS ARE A MINIMUM (4)#3, (1)#8G IN 1-1/4"C. FIELD VERIFY AND REPORT ANY DISCREPANCIES TO TENANT'S REPRESENTATIVE PRIOR TO BID.

ALL INFORMATION REGARDING CURRENT CONDITIONS OF THE ELECTRICAL SERVICE ARE VIA SECOND PARTY FIELD SURVEY. EC IS RESPONSIBLE FOR FIELD VERIFICATION OF SITE CONDITIONS AND REPORTING ANY DIFFERENCES OR DISCREPANCIES TO OWNERS REPRESENTATIVE PRIOR TO BID. NO EXTRAS OR CHANGE ORDERS SHALL BE GIVEN FOR CONTRACTOR'S FAILURE TO VERIFY SITE CONDITIONS PRIOR TO BIDDING.

Municipal Approval Stamps

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Ædifica engineering | case
St. Louis - Montreal
796 Merus Court
St. Louis, MO 63026
T 636.349.1600
F 636.349.1730
aedificacase.com
mechanical
electrical
plumbing
fire protection
structural
CERTIFICATE OF AUTHORITY NO. 3834-11

Consultant

No.	Issue	Date
	PERMIT SET	6-7-2019

Seal

PERMIT SET

Store Number 19-107

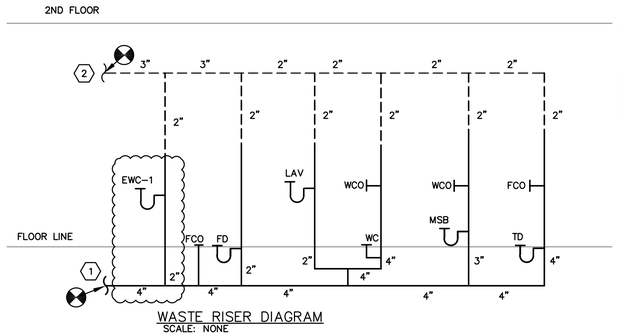
Approved

Title

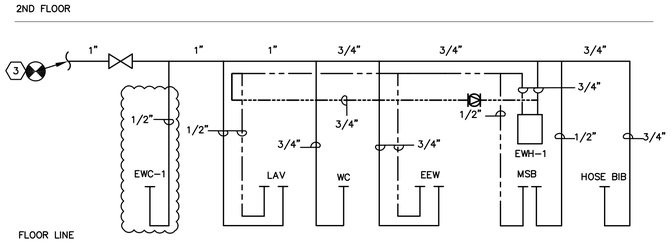
POWER PLAN

Sheet

E1-02



WASTE RISER DIAGRAM
SCALE: NONE



WATER RISER DIAGRAM
SCALE: NONE

TABLE TO CALCULATE WATER FIXTURE UNITS

PLUMBING FIXTURE	WATER FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL WATER FIXTURE UNITS
WATER CLOSET	5	1	5
LAVATORIES	2	1	2
EMERGENCY EYE WASH	2	1	2
MOP SINK	3	1	3
ELECTRONIC WATER COOLER (EWC)	1/2	1	1/2
TOTAL WATER FIXTURE UNITS FOR ALL FIXTURES			12.5 = 16 GPM
WATER PIPE SIZE			1" WATER SERVICE = 15 GPM

TABLE TO CALCULATE DRAINAGE FIXTURE UNITS

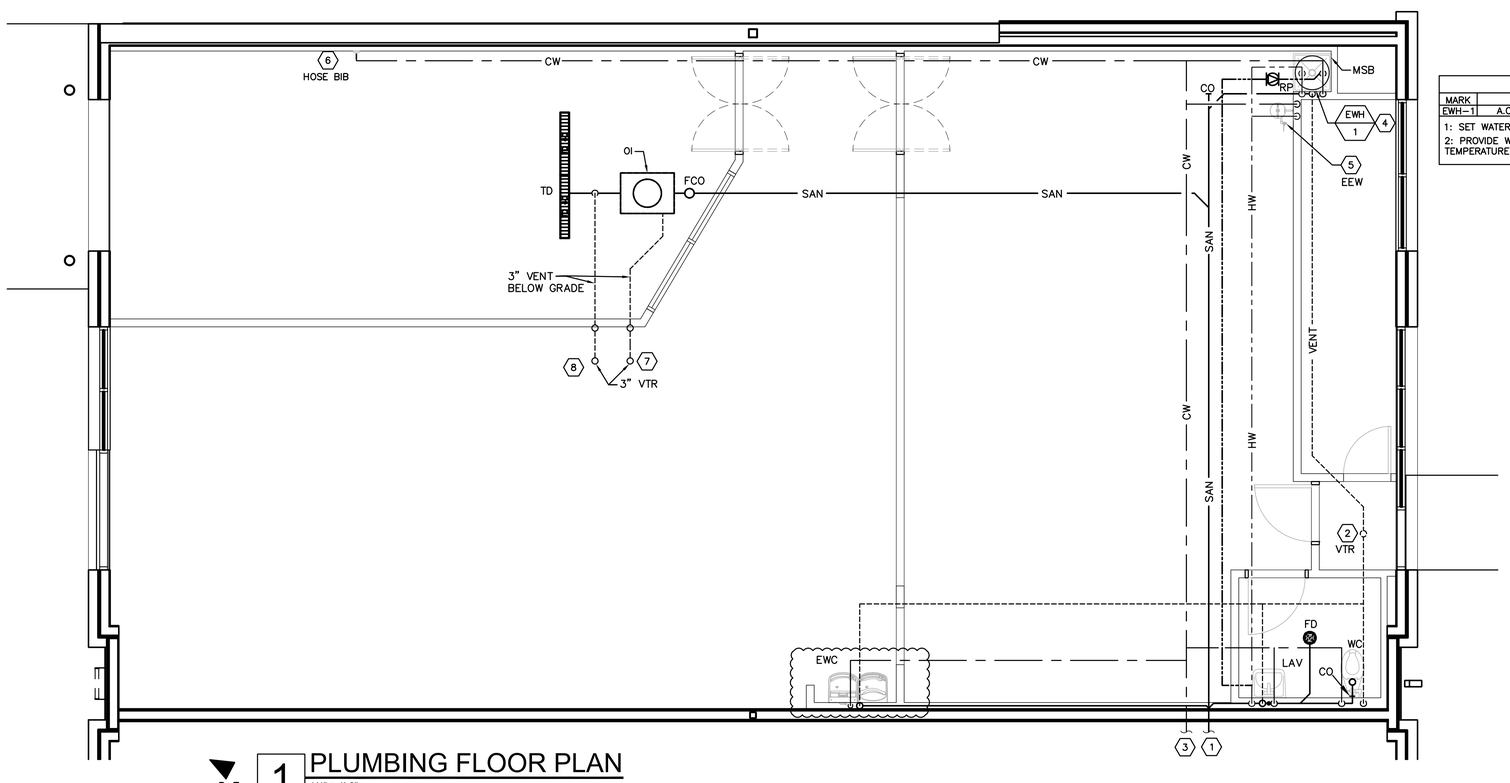
PLUMBING FIXTURE	DRAINAGE FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL DRAINAGE FIXTURE UNITS
WATER CLOSET (WC)	4	1	4
LAVATORIES (LAV)	2	1	2
EMERGENCY EYE WASH	2	1	2
3" FLOOR DRAINS (FD)	4	1	4
MOP SINK	3	1	3
4" TRENCH DRAIN	6	1	6
ELECTRIC WATER COOLER (EWC)	1/2	1	1/2
TOTAL DRAINAGE UNITS FOR ALL FIXTURES			21.5 = 3" SANITARY

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	SAN.	VENT	C.W.	H.W.	REMARKS
MSB	MOP SINK FIAT MOLDED STONE MSB-2424	3"	2"	1/2"	1/2"	FAUCET W/VACUUM BREAKER. ROUGH CHROME FINISH, 30" HOSE W/BRACKET, MOP HANGER.
EEW	EMERGENCY WALL-MOUNT EYE WASH UNIT	2"	2"	1/2"	1/2"	WSC-BRADLEY S19-220_ EMERGENCY EYE WASH STATION, WALL MOUNTED OR SIMILAR. VERIFY WITH OWNER.
FD	FLOOR DRAIN JR SMITH 200 SERIES PVC BODY	3"	2"	–	–	PROVIDE WITH SURE SEAL TRAP GUARD
WC	WATER CLOSET AMERICAN STANDARD 3305.00 1.6 GALLON TANK TYPE	4"	2"	3/4"	–	OPEN FRONT SEAT LESS COVER
LAV	LAVATORY AMERICAN STANDARD 0356.421 WALL MOUNTED	2"	2"	1/2"	1/2"	PROVIDE WITH OFFEST P-TRAP AND SYMMONS MODEL #S-60-G CENTERSET FAUCET.
FD	TRENCH DRAIN ZURN Z-886	4"	2"	–	–	HDPE, HEAVY DUTY DUCTILE IRON GRATE.
OI	OIL INTERCEPTOR STREIM 05-15, 15 GPM	–	–	–	–	
RP	RECIRCULATION PUMP GRUNDFOS ALPHA SERIES 15-55	–	–	–	3/4"	1/12 HP, 120V
EWC	ELECTRIC WATER COOLER ELKAY EZTL8C	–	–	–	3/4"	

LEGEND

- WATER SERVICE
- COLD WATER SUPPLY PIPING
- HOT WATER SUPPLY PIPING
- HOT WATER RETURN PIPING
- SANITARY DRAINAGE & WASTE PIPING/SEWER
- SANITARY VENT PIPING
- G — NATURAL GAS PIPING
- LINE SIZE GATE VALVE
- LINE SIZE BALL VALVE (2" & SMALLER)
- LINE SIZE BALANCING VALVE
- LINE SIZE CHECK VALVE
- LINE SIZE UNION
- LINE SIZE GAS COCK VALVE
- AFF — ABOVE FINISHED FLOOR
- CB — CAST BRASS
- CIP — CAST IRON PIPE
- CI — CAST IRON
- CP — CHROME PLATED
- ETR — EXISTING TO REMAIN
- FCO — FLOOR CLEANOUT
- FD — FLOOR DRAIN
- GW — GREASE WASTE
- NC — NEW CONNECTION
- S — SANITARY
- V — VENT
- VTR — VENT THRU ROOF
- WCO — WALL CLEAN OUT
- W — WASTE
- F.S. — RECOMMENDED FLOOR SINK LOCATION. VERIFY WITH ARCHITECT.
- FD — FLUSH FLOOR DRAIN AND GRATE



1 PLUMBING FLOOR PLAN
1/4" = 1'-0"

WATER HEATER SCHEDULE

MARK	MFR	MODEL	STORAGE	RECOVERY	T. RISE	VOLT/PHASE	HEAT INPUT	REMARKS
EWH-1	A.O. SMITH	DEL-40	40	12 GPH	100	120/1	3 KW	1 & 2

1: SET WATER HEATER STORAGE TEMPERATURE TO 140°F

2: PROVIDE WITH CASH ACME HEATGUARD TANK BOOSTER THERMOSTATIC VALVE. SET OUTLET TEMPERATURE TO 120°F. INSTALL PER MANUFACTURERS RECOMMENDATIONS AND GUIDELINES.

PLUMBING KEYED NOTES

1. ROUTE TO CONNECT TO EXISTING SANITARY WASTE PIPING. PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE, DIRECTION AND INVERT ELEVATION IN FIELD PRIOR TO ANY WORK. CONTACT ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED. SEE CIVIL PLAN
2. ROUTE TO POINT OF CONNECTION TO SANITARY VENT THROUGH ROOF. PLUMBING CONTRACTOR TO VERIFY EXACT SIZE AND LOCATION IN FIELD PRIOR TO WORK. MAINTAIN MINIMUM 10'-0" FROM OUTSIDE AIR INTAKES AT VENT THROUGH ROOF.
3. ROUTE TO CONNECT TO WATER SERVICE. PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE AND AVAILABLE WATER PRESSURE PRIOR TO WORK. COORDINATE WITH LANDLORD AND LOCAL WATER UTILITY FOR EXACT CONNECTION GUIDELINES AND METERING REQUIREMENTS.
4. PROVIDE WATER HEATER ON SHELF ABOVE MOP SINK. SEE DETAIL ON DRAWING P2.0 FOR CONTINUATION.
5. PROVIDE THERMOSTATIC MIXING VALVE WITH EMERGENCY EYE WASH. DRAIN EYE WASH INDIRECTLY TO MOP SINK.
6. FREEZE PROOF HOSE BIB.
7. ROUTE SANITARY VENT PIPING FROM OIL INTERCEPTOR UP THROUGH ROOF. VERIFY EXACT LOCATION AND ROUTING IN THE FIELD.
8. FRESH AIR INLET TO BE CONNECTED TO THE DRAIN PIPE TO THE INTERCEPTOR. FRESH AIR INLET TO TERMINATE NO LOWER THAN 6'-0" BELOW TERMINATING ELEVATION OF VENT SERVING THE OIL INTERCEPTOR. VERIFY EXACT ROUTING AND LOCATION IN THE FIELD.
9. FURNISH AND INSTALL ELECTRIC WATER COOLER, (EWC-1), ELKAY MODEL EZTL8C OR EQUIVALENT.

Municipal Approval Stamps

Batteries + Bulbs

Client

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF DXU LLC. AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.

MADISON EAST, WI
4706 E. WASHINGTON AVE
MADISON, WI 53704

Project

DXU ARCHITECTS
412 S. Wells Street ▪ 2nd Floor ▪ Chicago ▪ IL ▪ 60607
P: 312 955 0334 ▪ dxuarch.com

Architect of Record

Ædifica engineering | case
St. Louis - Montreal
796 Merius Court
St. Louis, MO 63026
T 636.349.1600
F 636.349.1730
aedificacase.com
mechanical
electrical
plumbing
fire protection
structural
CERTIFICATE OF AUTHORITY NO. 3834-11

Consultant

No.	Issue	Date
	PERMIT SET	6-7-2019

Seal

PERMIT SET

Store Number 19-107

Approved

Title

PLUMBING PLAN

Sheet

P1-01