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:

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 = 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:

FIRE CONTROL:

ALL FIXTURES TO COMPLY WITH ICC A117.1

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

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

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

AFFECTING THE EXECUTION OF THESE DOCUMENTS (SUCH AS HAZARDOUS MATERIALS, ETC.).

6. JOB SITE SHALL BE BROOM SWEPT AND CLEAN AT THE END OF

BY KEEPING CLEAR OF CONSTRUCTION DEBRIS AND CLEARLY MARKING THE PATH OF EGRESS TRAVEL.

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

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

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

16. PROVIDE MOISTURE RESISTANT GWB AT ALL PLUMBING WALLS

17. PROVIDE GFI OUTLETS NEAR WATER SOURCES AND AS REQUIRED

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

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

21. SUBMIT ALL FIXTURES, APPLIANCES, MATERIALS, SHOP DRAWINGS,

WITH ANY DISCREPANCIES.

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

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

EACH DAY. ALL DEBRIS SHALL BE PICKED UP AND DISPOSED OF PROPERLY INTO APPROVED CONTAINER.

7. MAINTAIN DESIGNATED EGRESS ROUTES DURING CONSTRUCTION

8. ALL MECHANICAL (HVAC), ELECTRICAL, AND PLUMBING ("MEP" STRUCTURE OR ARCHITECTURAL FEATURES.

9. ELECTRICIAN TO VERIFY NEW LIGHT FIXTURE LAYOUT AND SUBMIT

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

PLAN MODIFICATIONS TO THE ARCHITECT FOR REVIEW AND APPROVAL

SHEET		REVISIONS			
NUMBER	SHEET NAME	MARK	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 - LA	NDSCAPE				
LS1.0	OVERALL LANDSCAPE PLAN				
LS1.1	EXIST. CONDITIONS & LANDSCAPE PLAN				
LS1.2	LANDSCAPE PLAN				
CIV/II CIT	TE LIGHTING	,			
E1	SITE LIGHTING LAYOUT				
ARCHITEC	CTURAL				
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		

SHEET INDEX

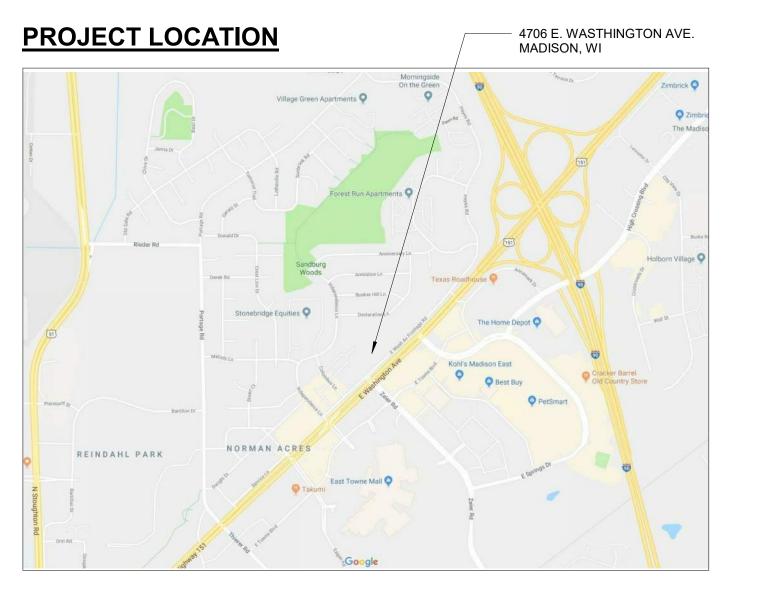
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A4.3	WALL SECTIONS	FOR CONSTRUCTION	19/05/06
A5.1	PLAN DETAILS	BID SET	19/01/30
A5.2	SECTION DETAILS	FOR CONSTRUCTION	19/05/06
A11.1	STOREFRONT & PARTITION TYPES	FOR CONSTRUCTION	19/05/06
STRUC [*] S0.1	TURAL STRUCTURAL NOTES		
	- r		
S1.1	FOUNDATION 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		

FOR CONSTRUCTION 19/05/06

BRADLEY S KONING A-10060 MADISON,

WOOD DETAILS

S9.12 WOOD DETAILS







PROJECT CONTACTS:

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

CONTACT:

STEVE DORAN

608-372-4006

7780 ELMWOOD AVE., STE 208 MIDDLETON, WI 53562 **BRAD KONING (ARCHITECT)**

608-836-7570

SKETCHWORKS ARCHITECTURE, LLC

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

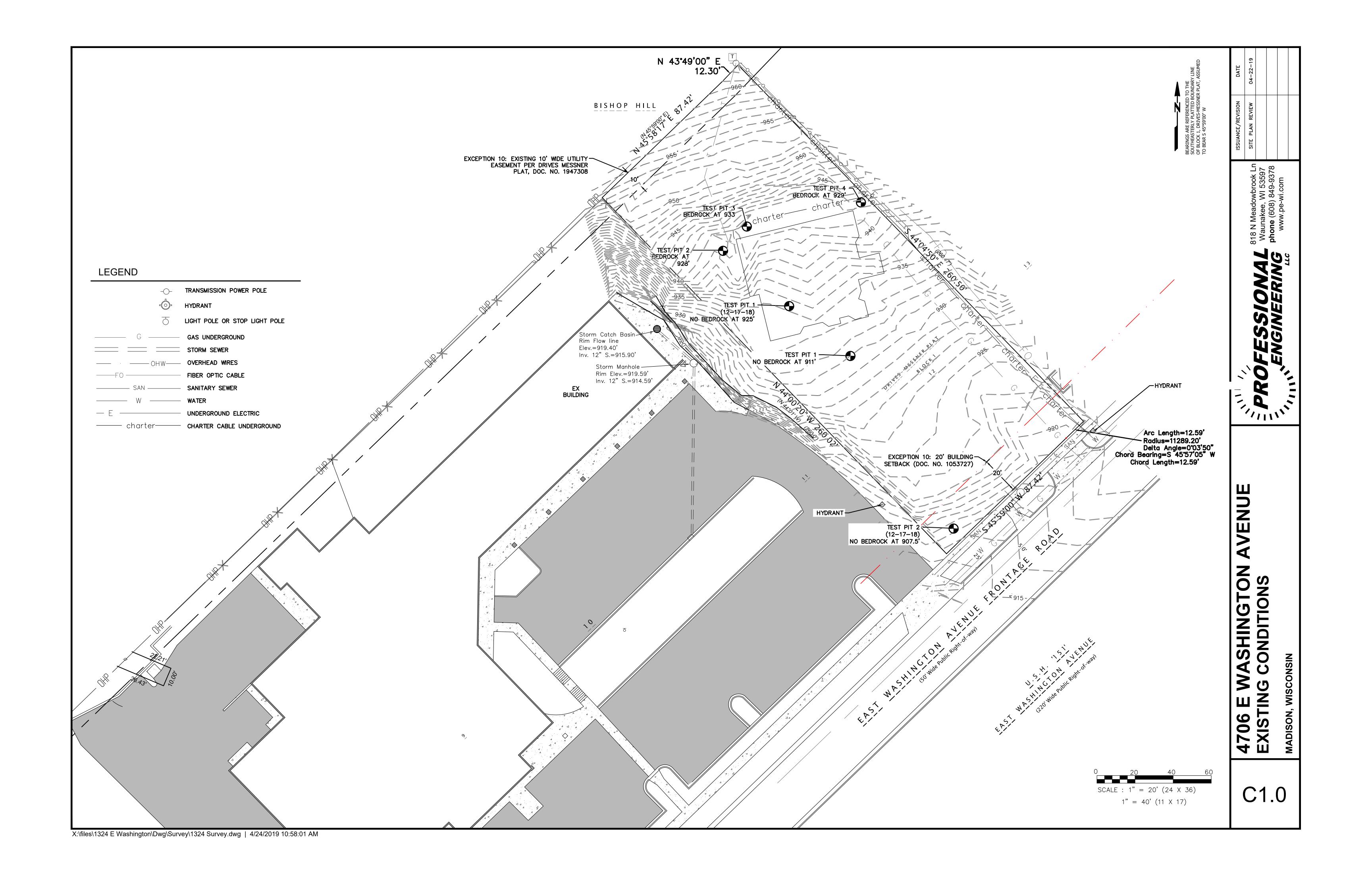
ROXANNE JOHNSON, P.E. 608-849-9378

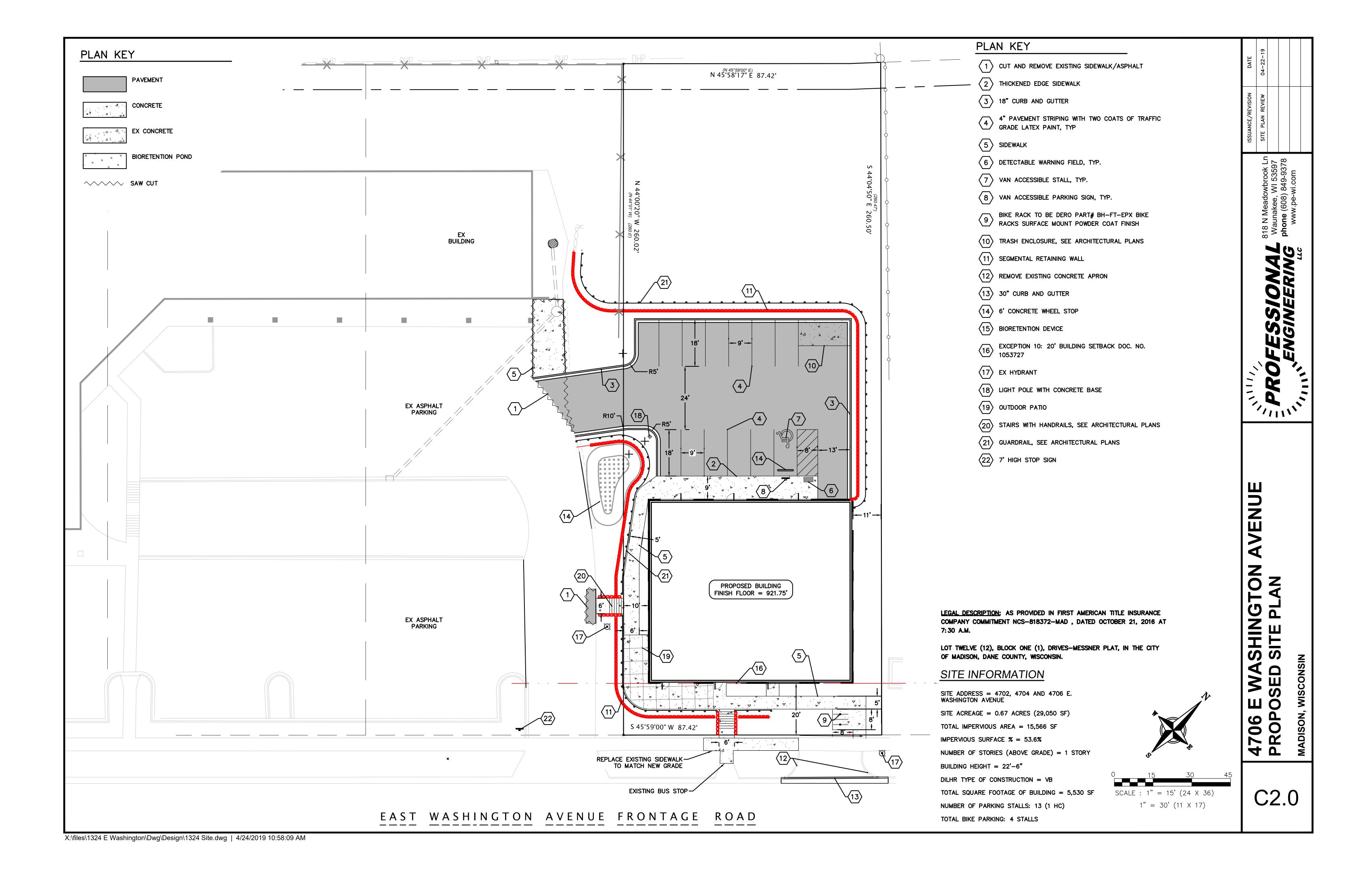
CONSTRUCTION SET

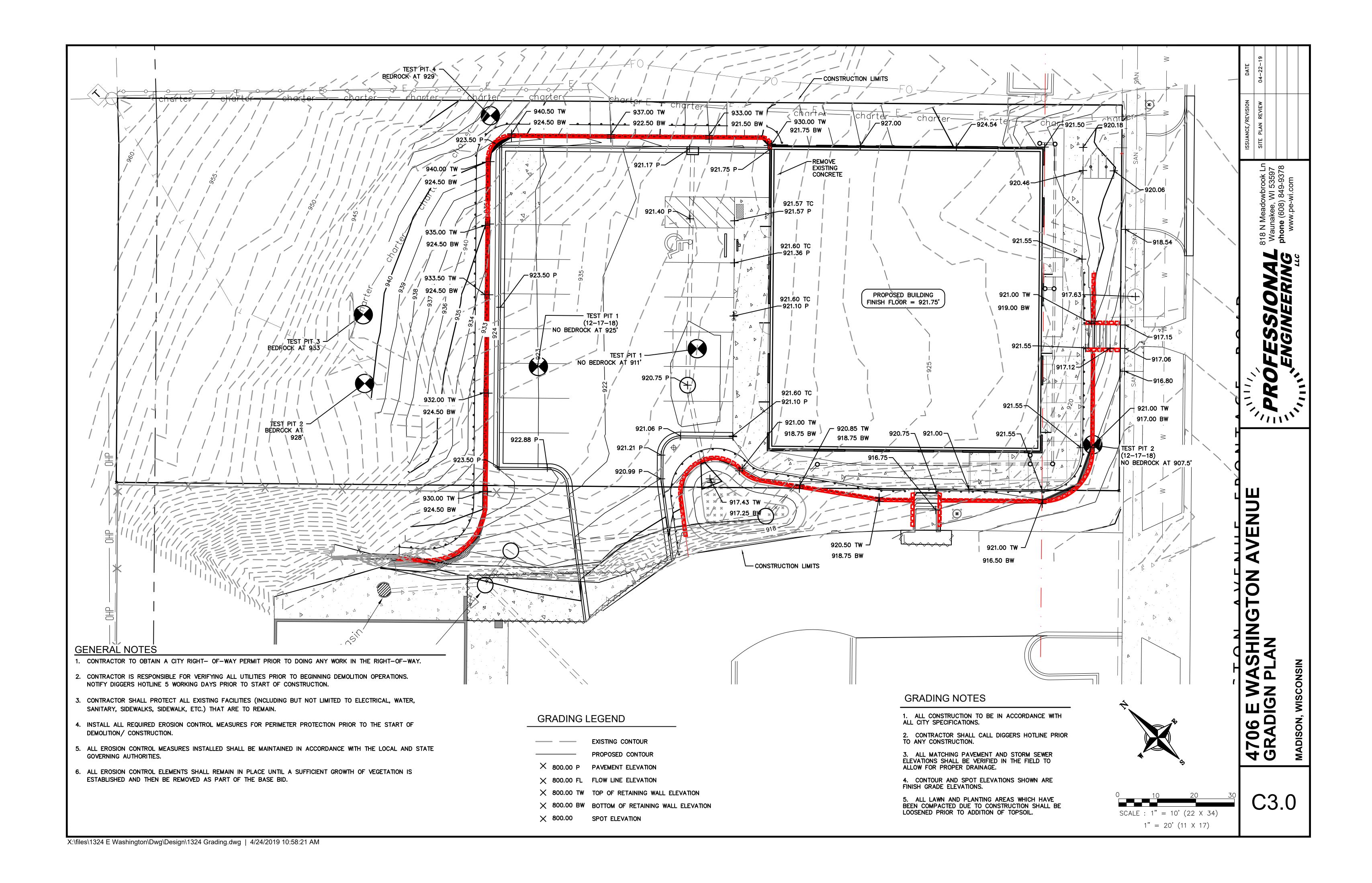
Project Status 19/01/30 BID SET 19/03/28 UDC SUBMITTAL FOR CONSTRUCTION

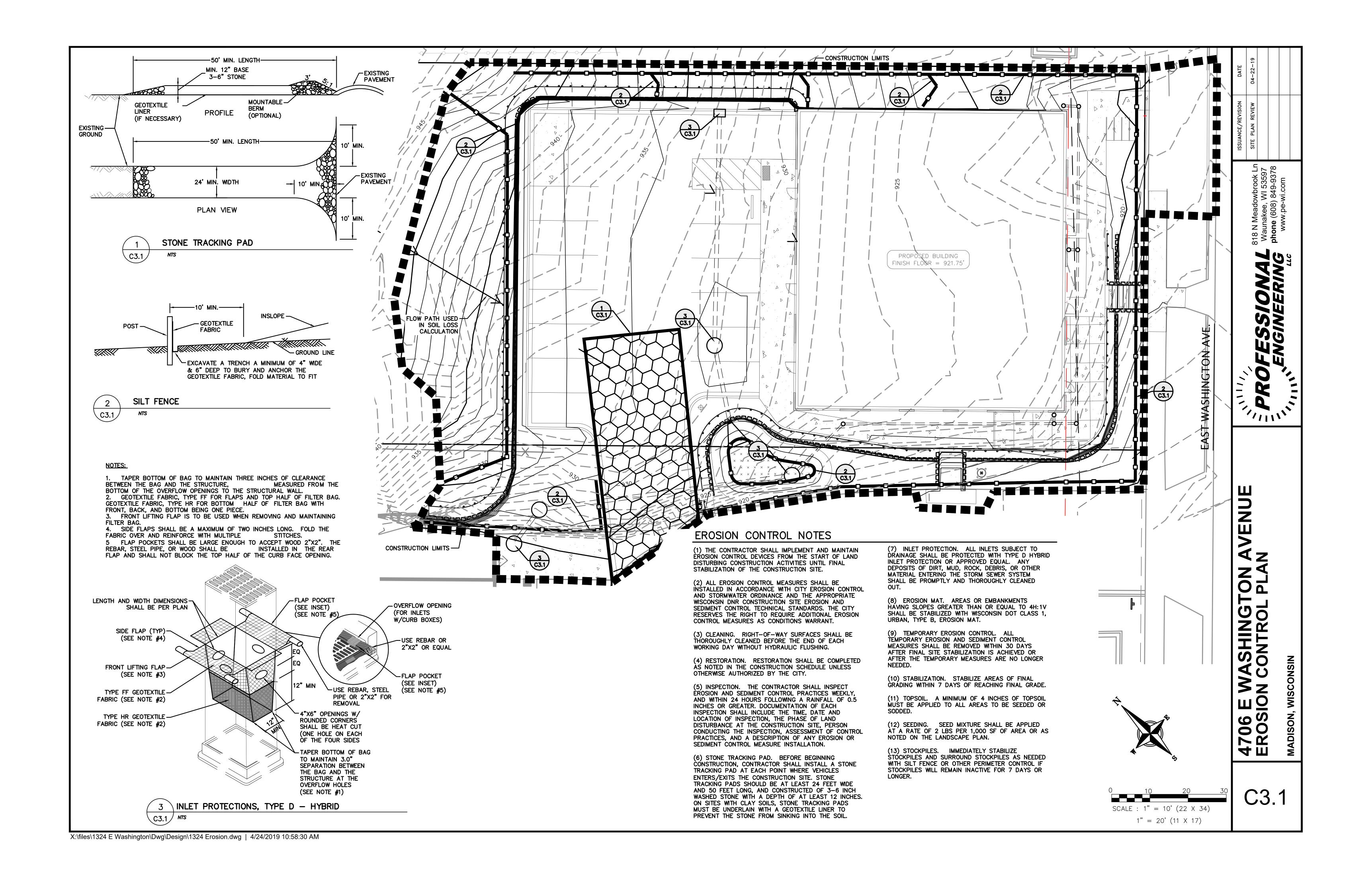
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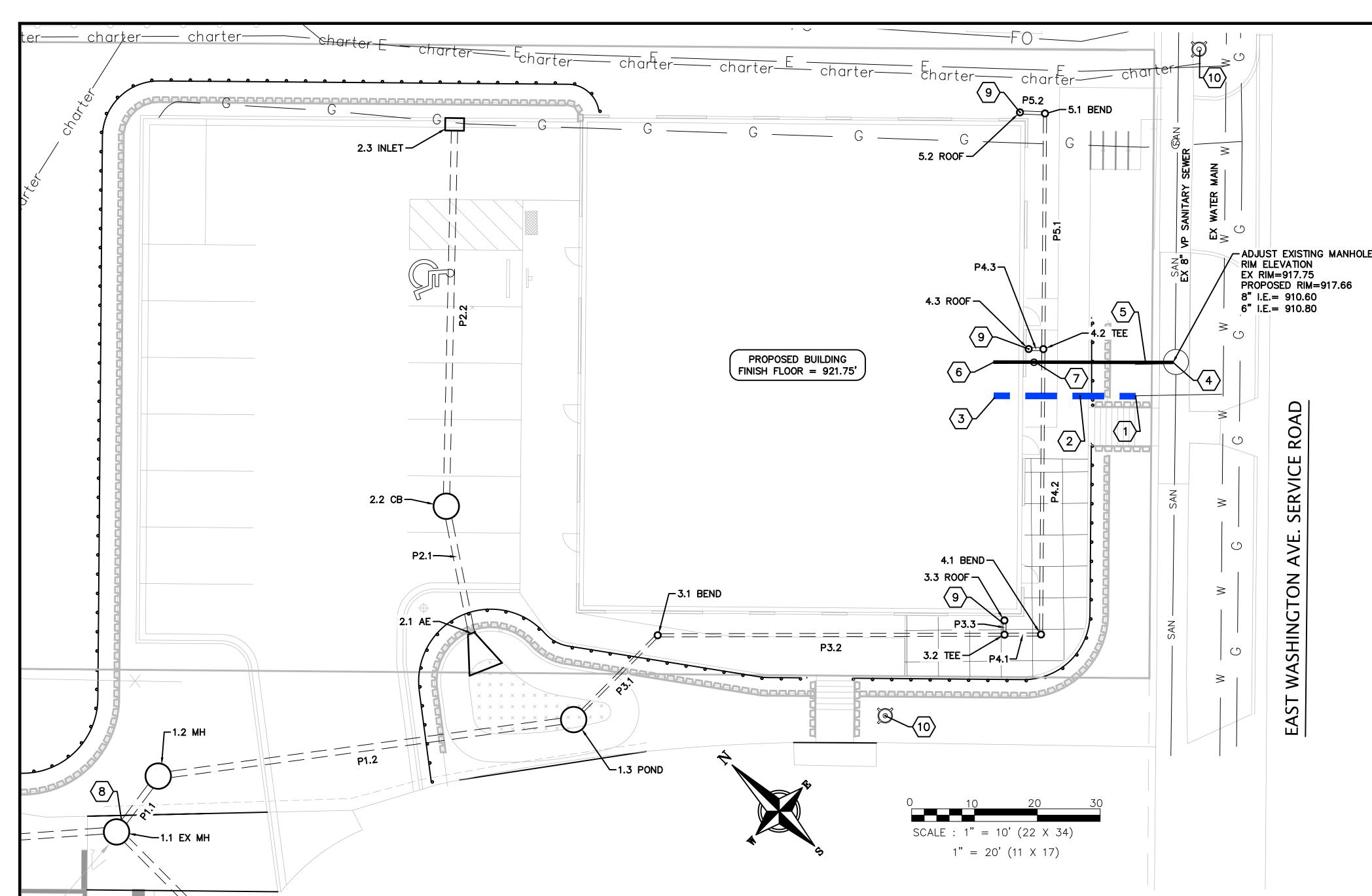












		STRU	CTURE TABLE		
STRUCTURE NAME	SIZE	TOP OF CASTING	PIPES IN	PIPES OUT	CASTING
1.1 EX MH		919.59	P1.1, 12" INV IN =914.61		
1.2 MH	3-FT DIA.	922.06	P1.2, 12" INV IN =914.63	P1.1, 12" INV OUT =914.67	NEENAH R-1550
1.3 POND	3-FT DIA.	917.75	P3.1, 6" INV IN =915.50	P1.2, 12" INV OUT =915.00	HAALA #CG36TM
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	

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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

SANITARY I.E.= 911.40'. CONNECT TO SANITARY BUILDING SEWER, SEE PLUMBING PLANS

7 CLEANOUT

(8) CONNECT TO EXISTING STORM MANHOLE

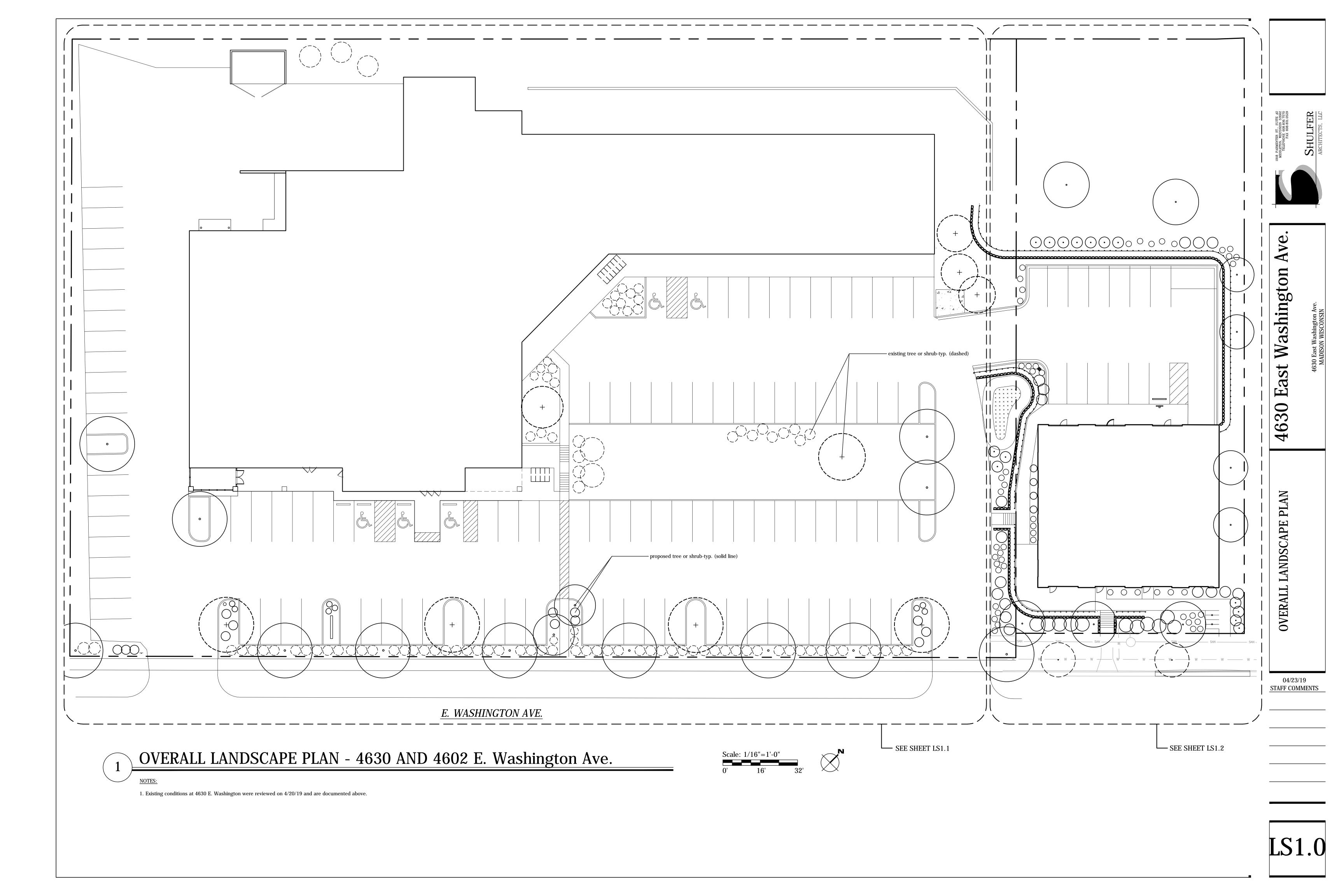
9 CONNECT TO ROOF DOWNSPOUT

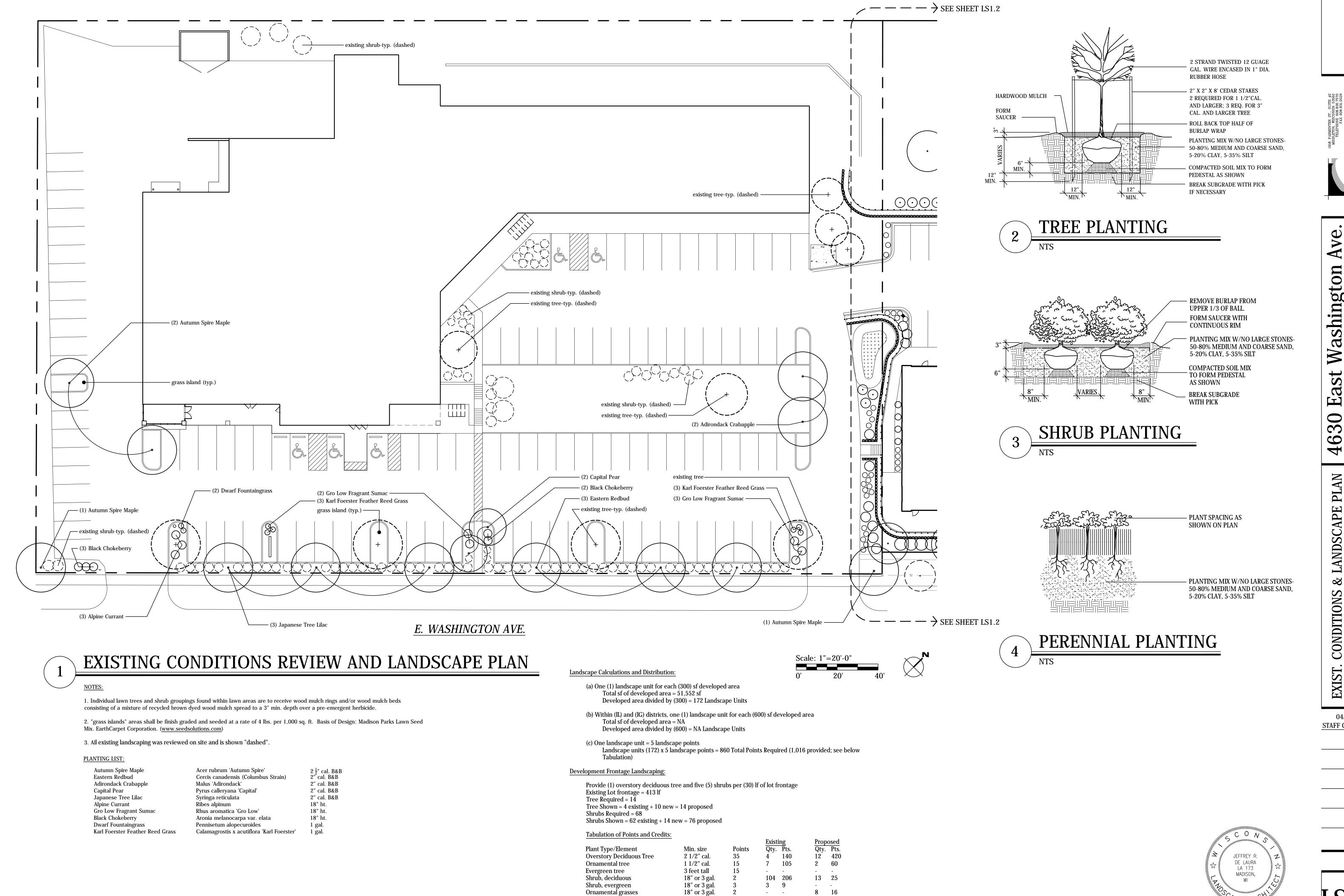
(10) EXISTING HYDRANT

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'

C4.0

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Ornamental fence or wall

Total

4 per 10 lf

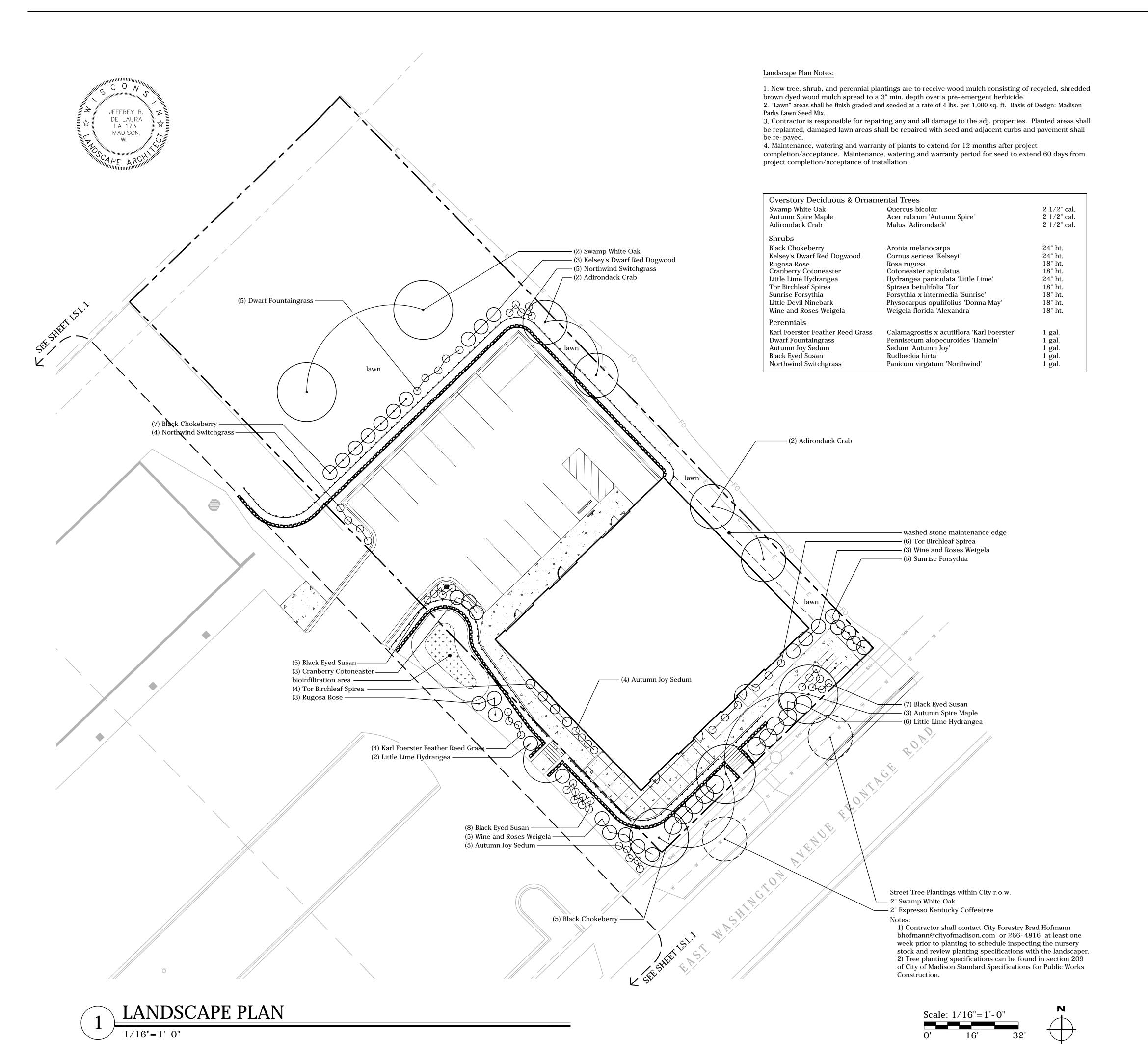
= 981 Total Points Provided (860 Required)

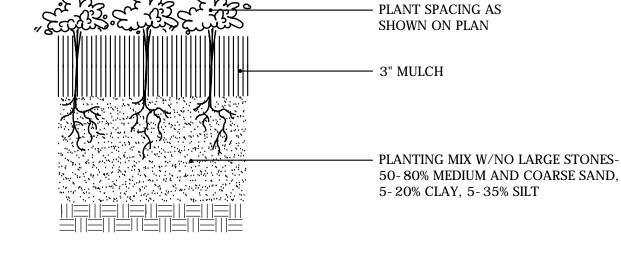
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Z LANDSCAPE \otimes CONDITION

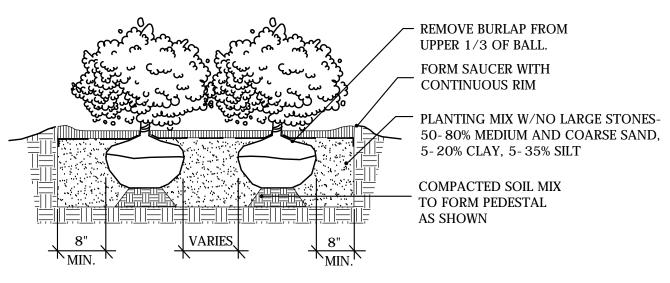
04/23/19 STAFF COMMENTS

STAFF COMMENTS

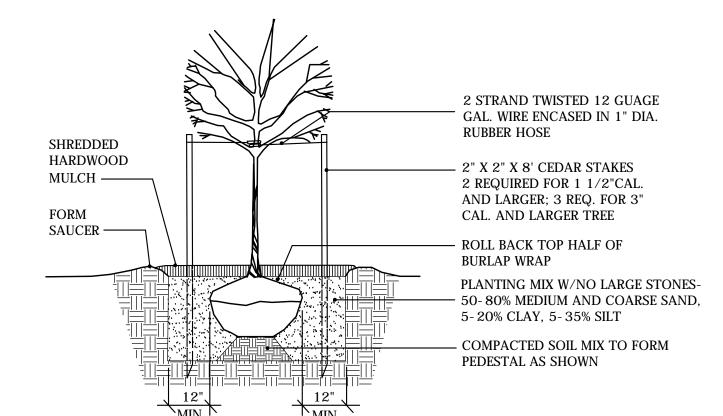




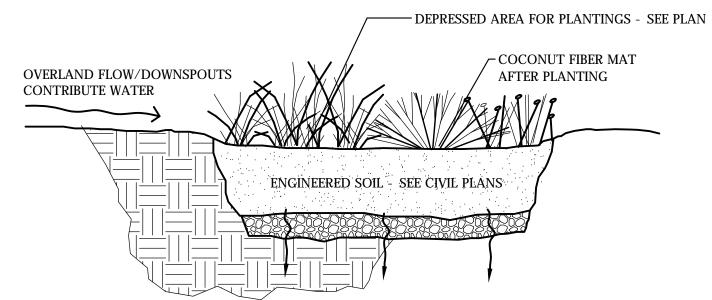
PERENNIAL PLANTING



SHRUB PLANTING







BIOINFILTRATION AREA

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 $(300) \times 5 = 113$ Points Required

Development Frontage Landscaping

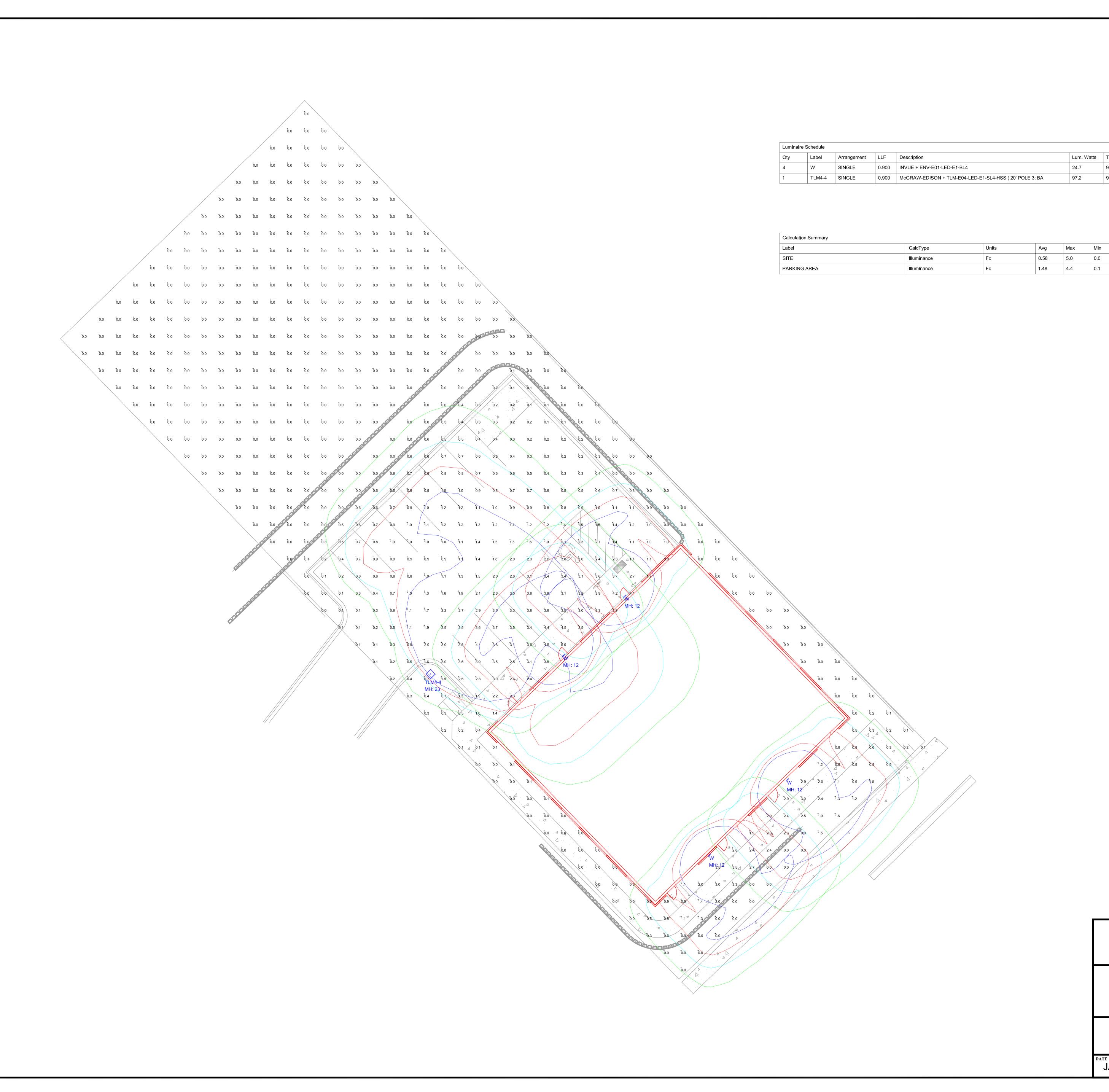
Total If of lot frontage = 100 Required Trees = 3 Required Shrubs = 17

Provided Trees = 3Provided Shrubs = 17

Tabulation of Points and Credits:

	_		Exist	ing	Prop	osed
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	-	-	-	-

397 Total Points Provided (113 Required)



Lum. Watts Total Watts Lum. Lumens

14.80 44.00

Enterprise Lighting LTD

MULTI-TENANT BUILDING

4706 E WASHINGTON AVE

MADISON, WISCONSIN

SITE

LIGHTING LAYOUT

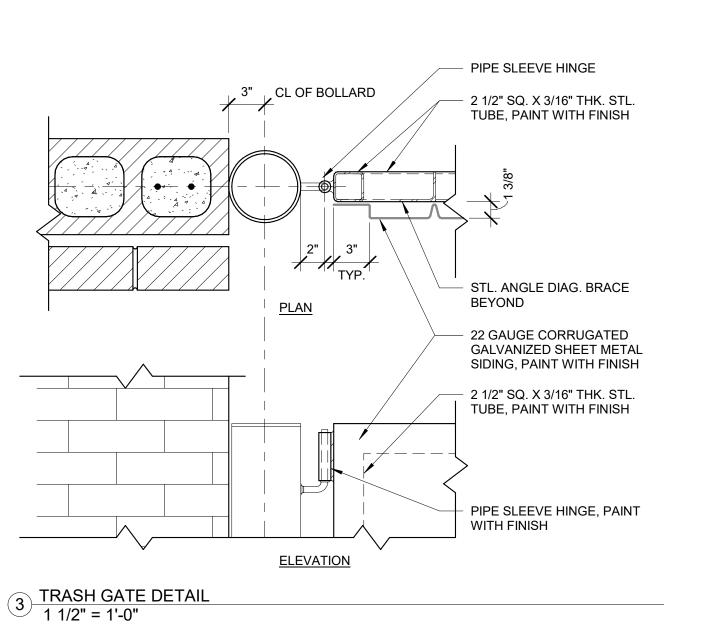
1/32" = 1'- 0"

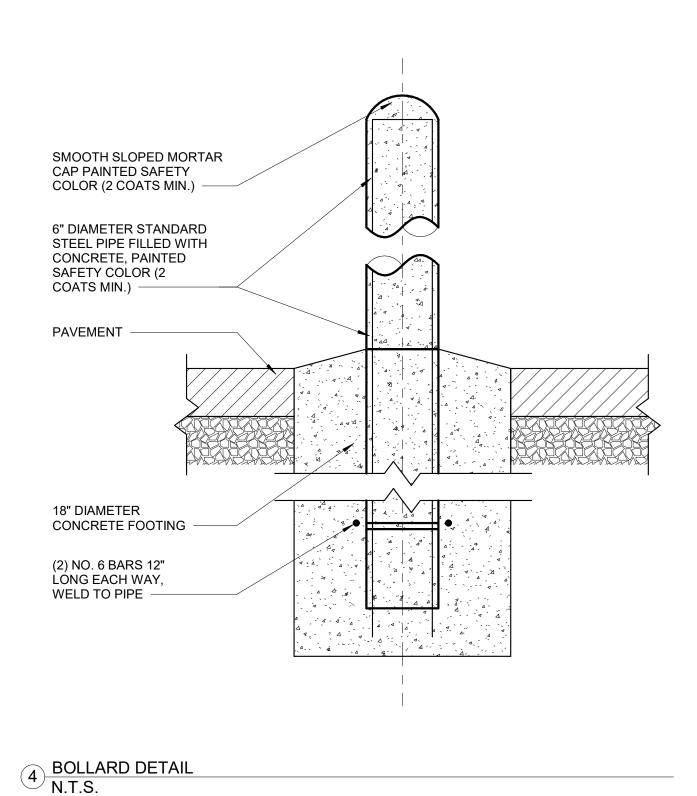
JAN 8, 2019

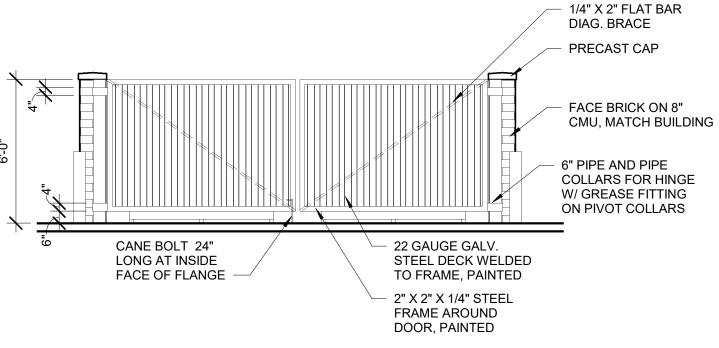
SHEET NUMBER E 1

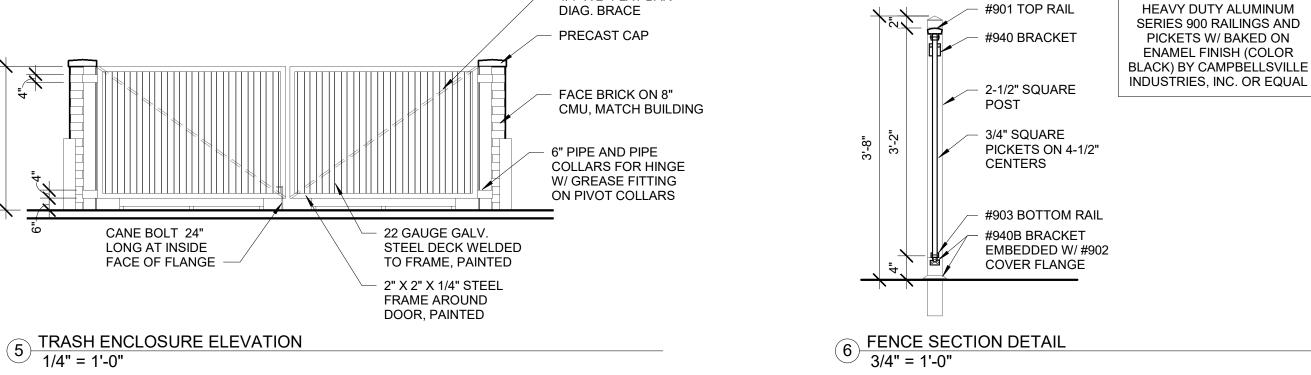
97.2

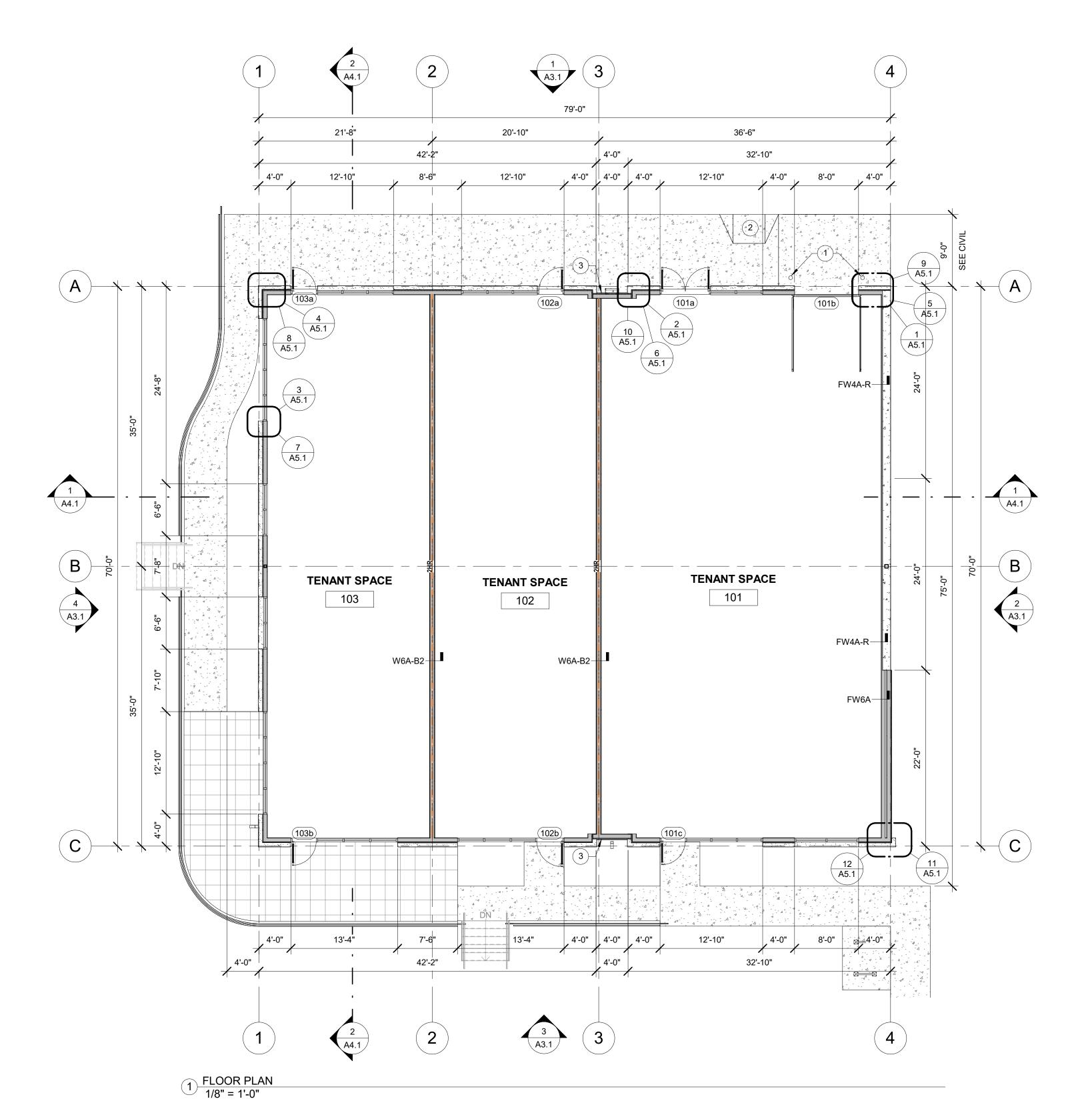
2 TRASH ENCLOSURE PLAN 1/4" = 1'-0"











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

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

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

KEYED PLAN NOTES:

(1) PIPE BOLLARDS

2 ADA RAMP - SEE CIVIL DRAWINGS

3 EXTERIOR HOSE BIB - ALIGN WITH DEMISING WALL

BUILDING

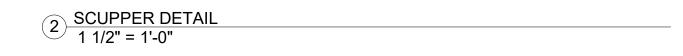
BUILDING

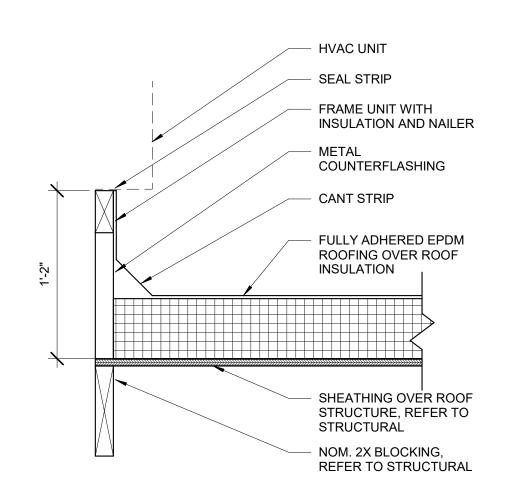
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Project Status BID SET 19/01/30 19/03/28 UDC SUBMITTAL CONSTRUCTION

0' 1/4" 1/2"

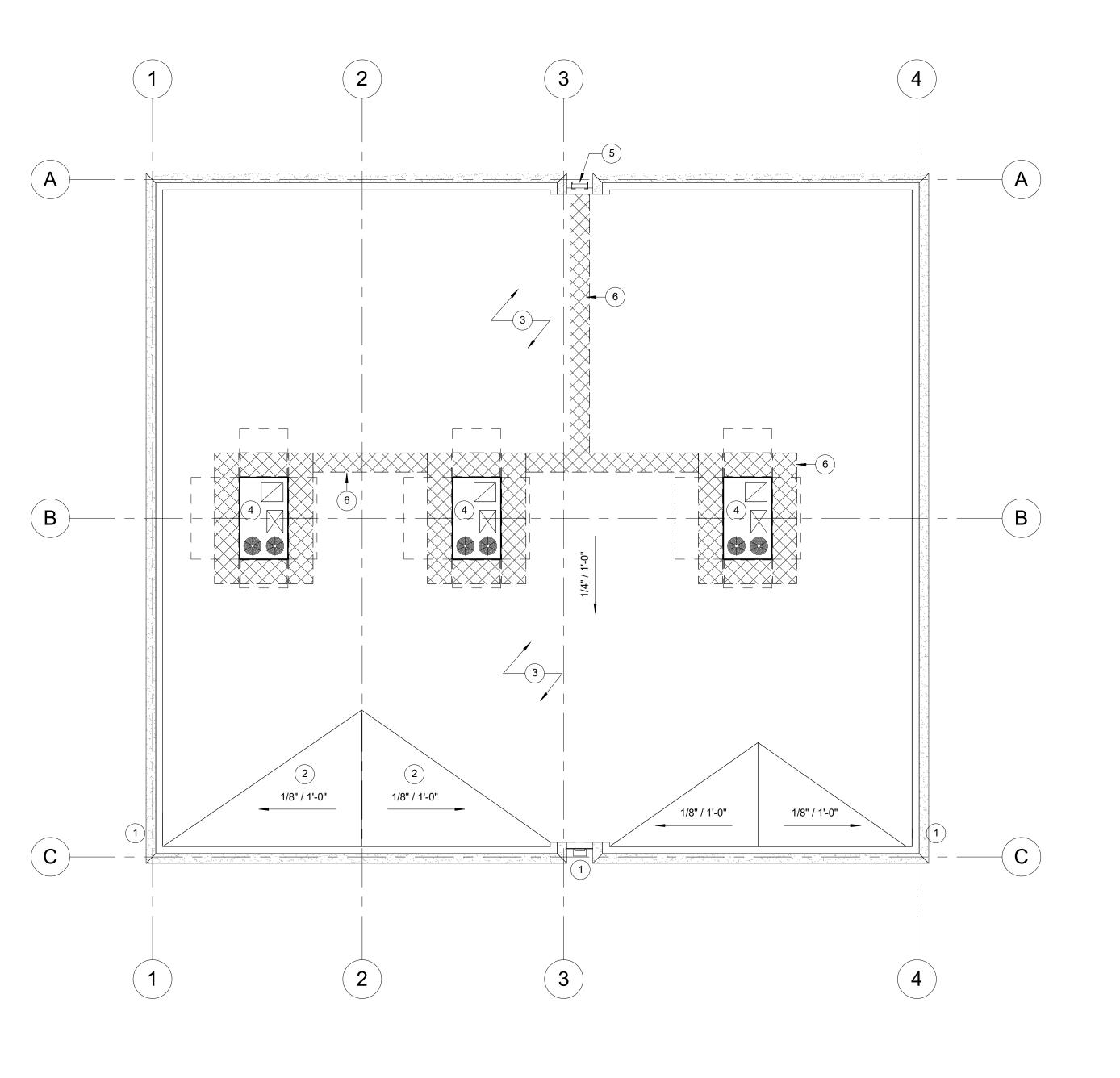
SCALE: 1/8" = 1'-0"





1 ROOF PLAN 1/8" = 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
- FULLY ADHERED EPDM ROOFING OVER R-25 MIN. RIGID INSULATION ON ROOF SHEATHING OVER TAPERED ROOF TRUSSES
- RTU; APPROX. LOCATION SHOWN, COORDINATE WITH HVAC CONTRACTOR
- ROOF ACCESS LADDER WITH LOCKABLE ACCESS PANEL, SEE ELEVATIONS
- 6 ROOFTOP PAVERS

JANT BUILDING

MERCIAL BUILDING

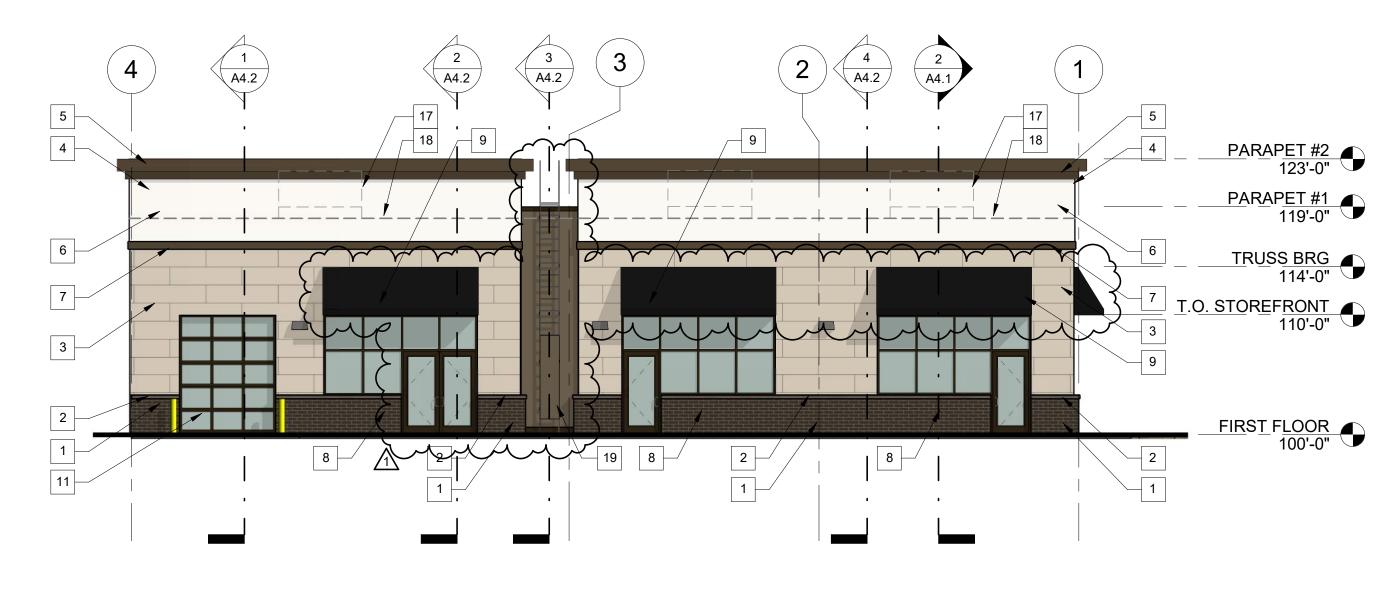
NEW COMMERC 4706 E. WASHI

ROOF PLAN

A2.2

0' 1/4" 1/2" 1"

A3.1



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



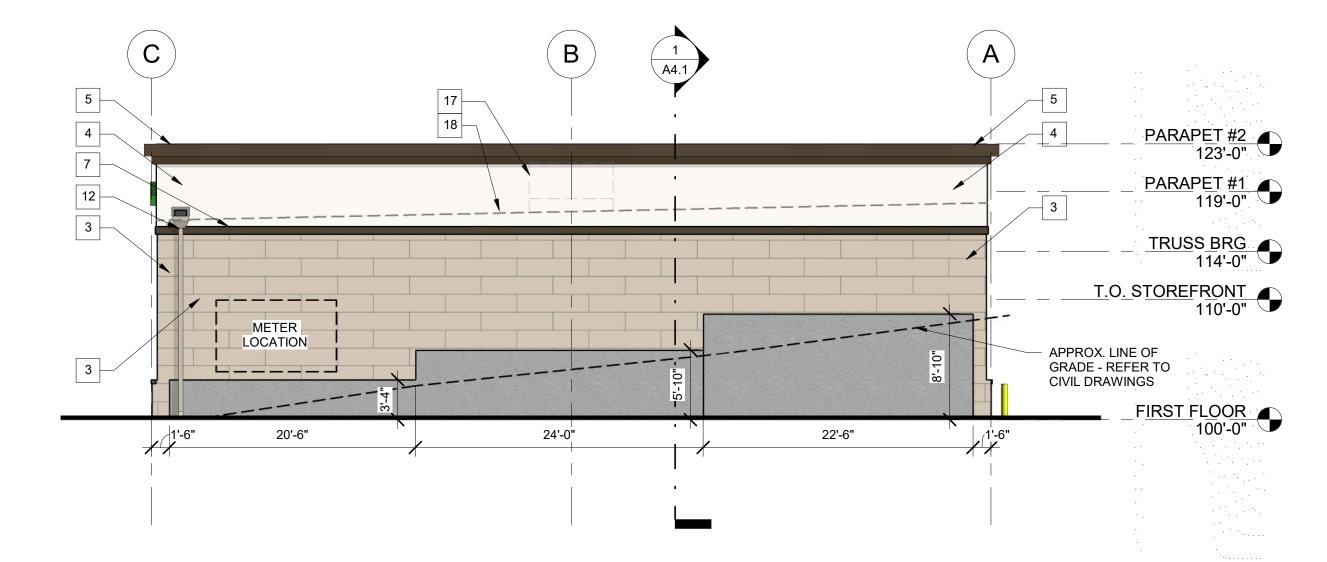
3 SOUTH ELEVATION 1/8" = 1'-0"

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

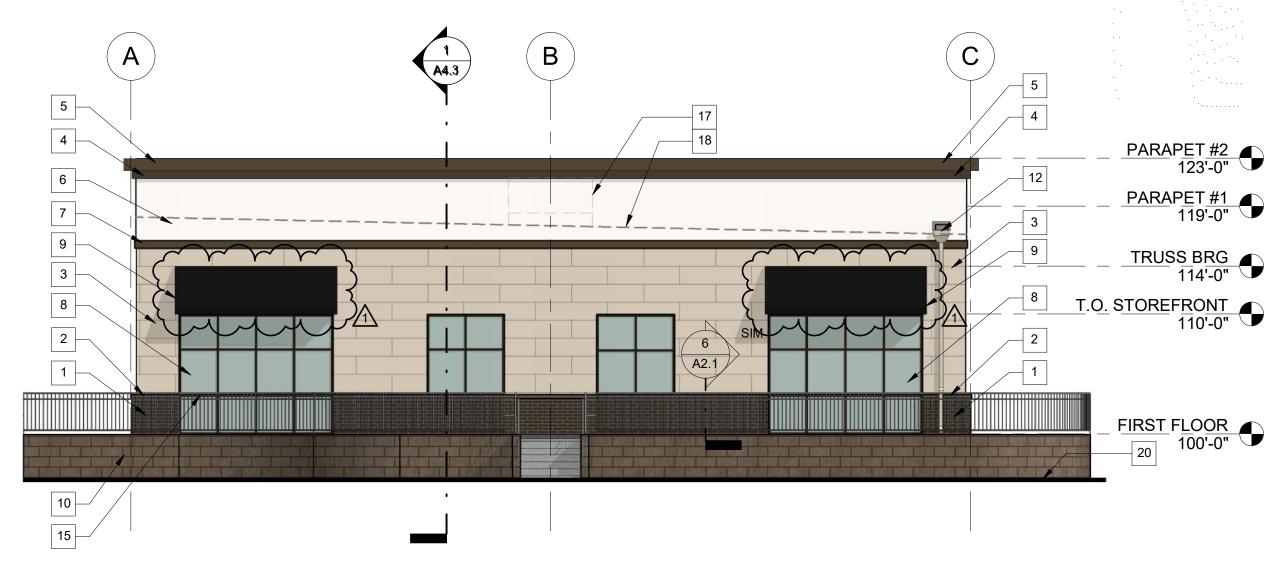
60% OF LENGTH AT GROUND FLOOR
REQUIRED: 47'-5"
PROVIDED: 47'-6"

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"

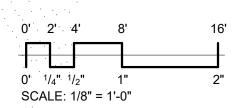


2 EAST ELEVATION 1/8" = 1'-0"



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

			EXTERIOR MA	ATERIAL 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		
3	ALUMINUM STOREFRONT			ANODIZED MEDIUM BE	RONZE	LOW-E GLAZING
)	FABRIC AWNING			BLACK		
0	CMU RETAINING WALL			·		COLOR TO MATCH BLACK HILLS VELOUR BRICK
1	GLASS PANEL SECTIONAL DOOR	OVERHEAD DOOR, OR EQUAL		ANODIZED DARK BRO	NZE	MATCH ALUMINUM STOREFRONT; VERIFY WITH TENANT ON CONTROLS
2	PREFINISHED SCUPPER AND DOWNSPOUT				100	COLOR TO MATCH ADJACENT FIBER CEMENT MATERIAL
3	FIBER CEMENT SIDING	JAMES HARDIE OR EQUIVALENT	SMOOTH TEXTURE	RICH ESPRESSO		
4	CAST STONE	CUSTOM CAST STONE	SMOOTH FACE	OLIVE BUFF		
5	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
7	ROOF TOP UNIT	TBD				3'HX7'W SHOWN FOR REFERENCE; COORDINATE WITH HVAC CONTRACTOR
8	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
0	GRADE VARIES, SEE CIVIL					



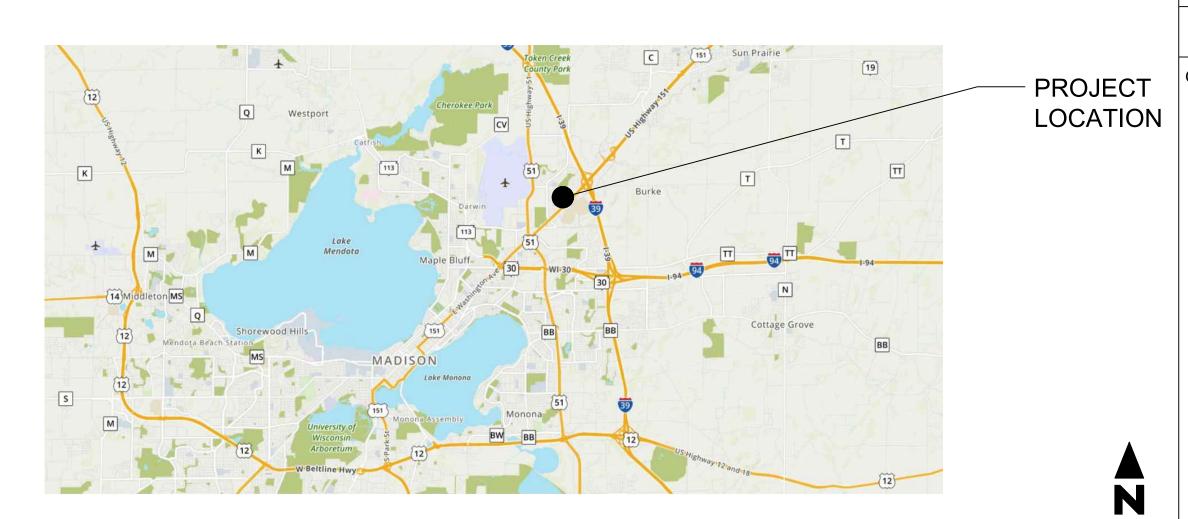
Batteries-+ Bulbs

INTERIOR BUILDOUT
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4706 E. WASHINGTON AVE
MADISON, WI 53704

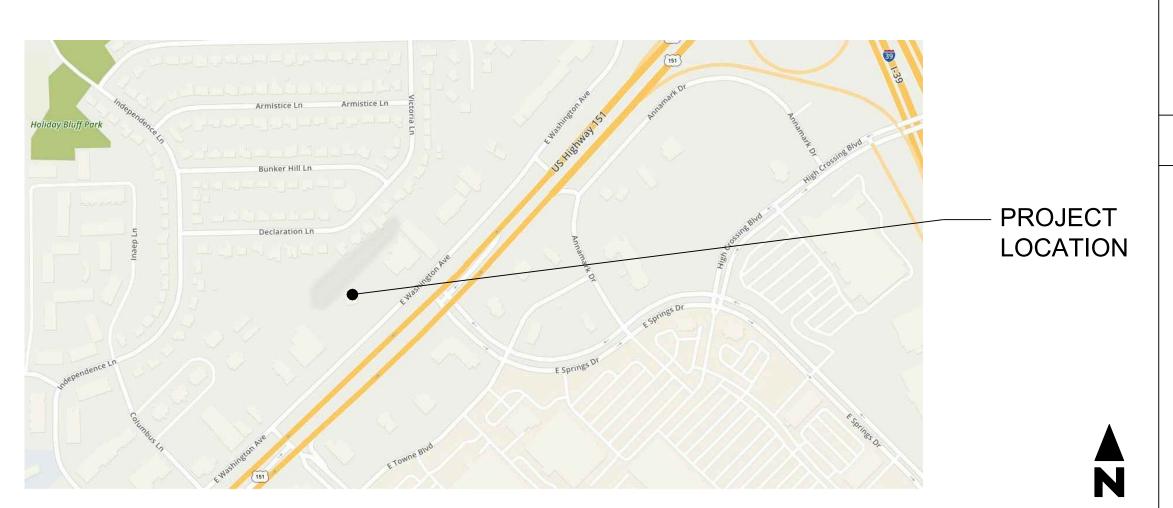
BUILDING CODES

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 NON-BEARING WALLS, EXT.: N/A **EXISTING** NON-BEARING WALLS, INT.: 0 HR 0 HR **EXISTING** FLOOR CONSTRUCTION: 0 HR ROOF CONSTRUCTION: 0 HR **EXISTING**

NTERIOR FINISHES: ALL INTERIOR FINISHES/MATERIALS SHALL COMPLY WITH CHAPTER 8 OF THE 2015 IBC

DDC IFOT MUCT FULLY COMPLY

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) S-1 STORAGE GARAGE: 454 SF (GROSS) TOTAL OCCUPANT LOAD 25 MAX. DISTANCE PROVIDED EXIT ACCESS TRAVEL MAX. ALLOWED DISTANCE: 75'-0" (M) 59'-2" 97'-4" 100'-0" (B & S) (TABLE 1006.3.2(2) & 1017.2) WITHOUT SPRINKLER SYSTEM MINIMUM REQUIRED PROVIDED EGRESS DOOR WIDTH 36" 72" (1005.1): EGRESS AISLE WIDTH 36" (1020.2)MINIMUM NUMBER OF EXITS: REQUIRED PROVIDED (TABLE 1006.3.2(2)) ₁ 1 PUBLIC & 1 PRIVATE MAX DISTANCE LISTED TO PUBLIC EXIT

PLUMBING SYSTEMS

MINIMUM NUMBER OF PLUMBING FACILITIES:	`	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

<u>GENERAL</u>

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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

Batteries Bulbs

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Consultant

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6-7-2019

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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

Seal

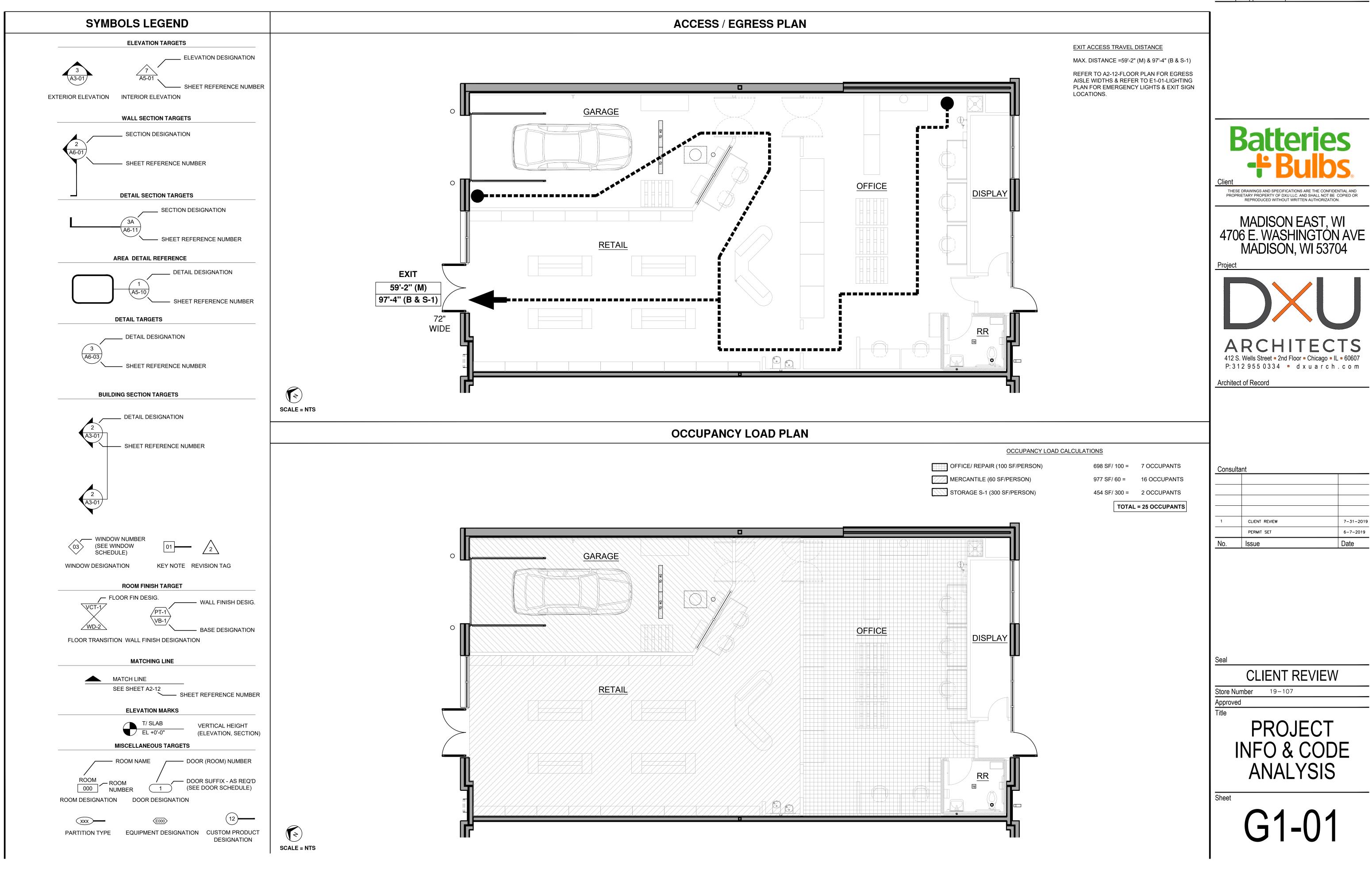
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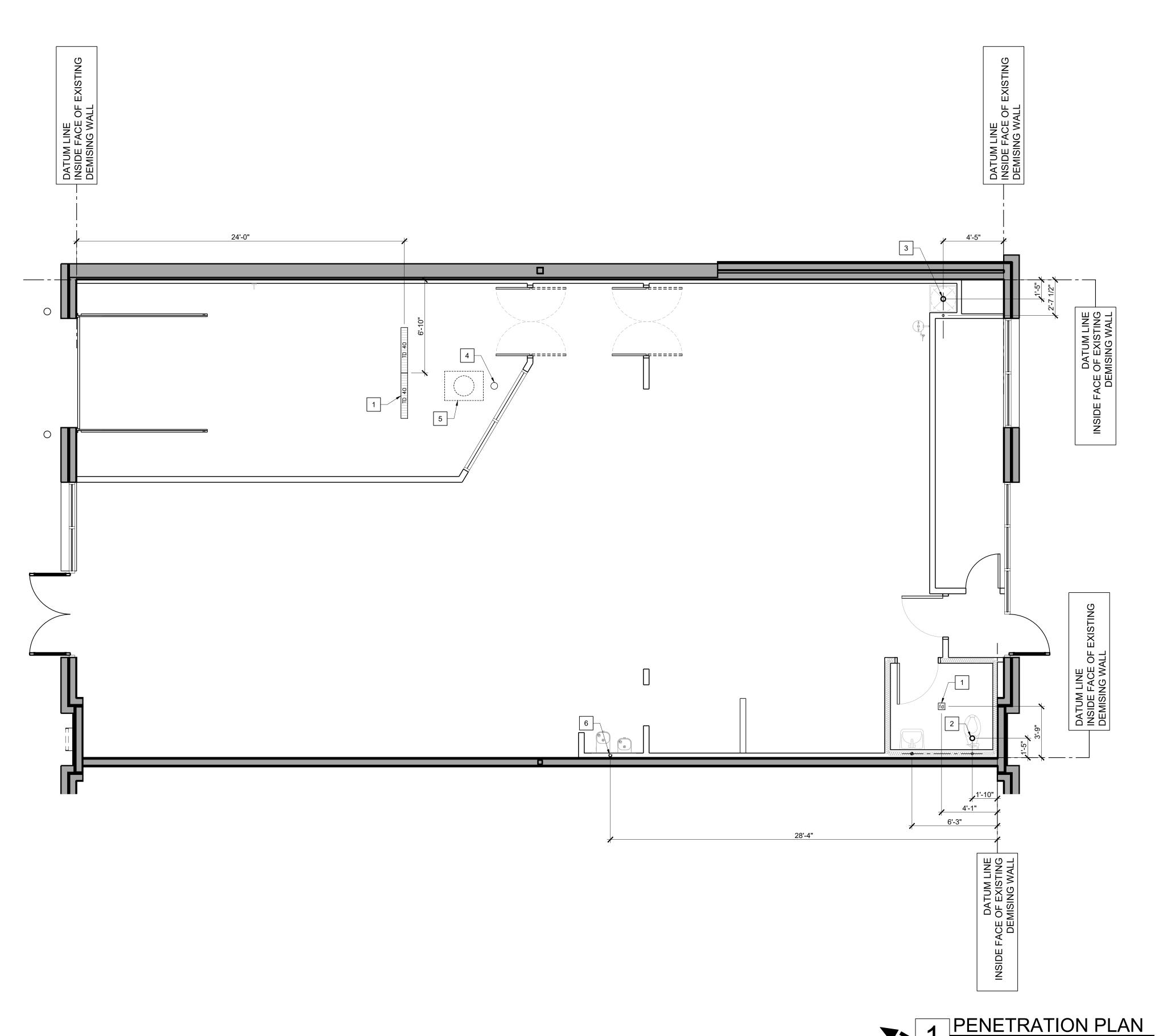
Store Number 19–107
Approved
Title

TITLE SHEET

Sheet

T1-01





KEYNOTES

- FLOOR DRAIN SLOPE FLOOR TO DRAIN FROM WALL TO DRAIN, SEE PLUMBING DWGS FOR MORE INFORMATION.
- FLOOR PENETRATION FOR TOILET SEE PLUMBING DWGS FOR MORE INFORMATION.
- SANITARY FLOOR PENETRATION FOR MOP SINK SEE PLUMBING DWGS FOR MORE INFORMATION.
- NEW FLOOR CLEANOUT SEE PLUMBING DWGS FOR MORE INFORMATION.
- 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
- 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.



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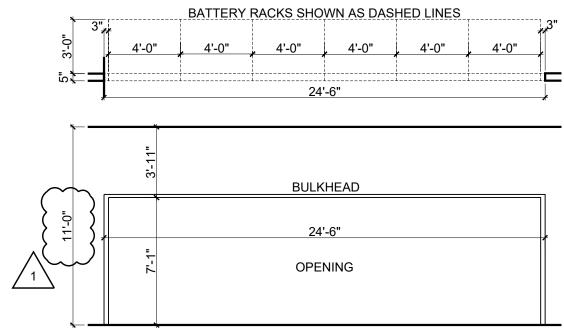
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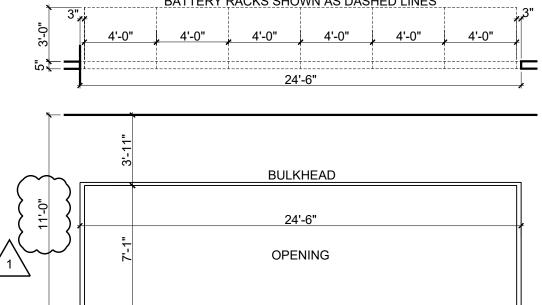
Approved Title

> PENETRATION PLAN

Sheet



BATTERY RACK OPENING



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

PROVIDE FTWD BLOCKING (UON) AT THE FOLLOWING LOCATIONS:

1. ACCESSIBLITY REQUIREMENTS & GRAB BARS AT ALL RESTROOM

2. RESTROOM ACCESSORIES INCLUDING TOILET STALL PARTITIONS &

4. CASEWORK AS REQUIRED BY THE MFR & FOR PROPER SUPPORT

NEW PARTITIONS, REFER TO A2-11

EXISTING PARTITIONS & EXTERIOR WALLS

LEGEND

LOCATIONS

LOCKERS

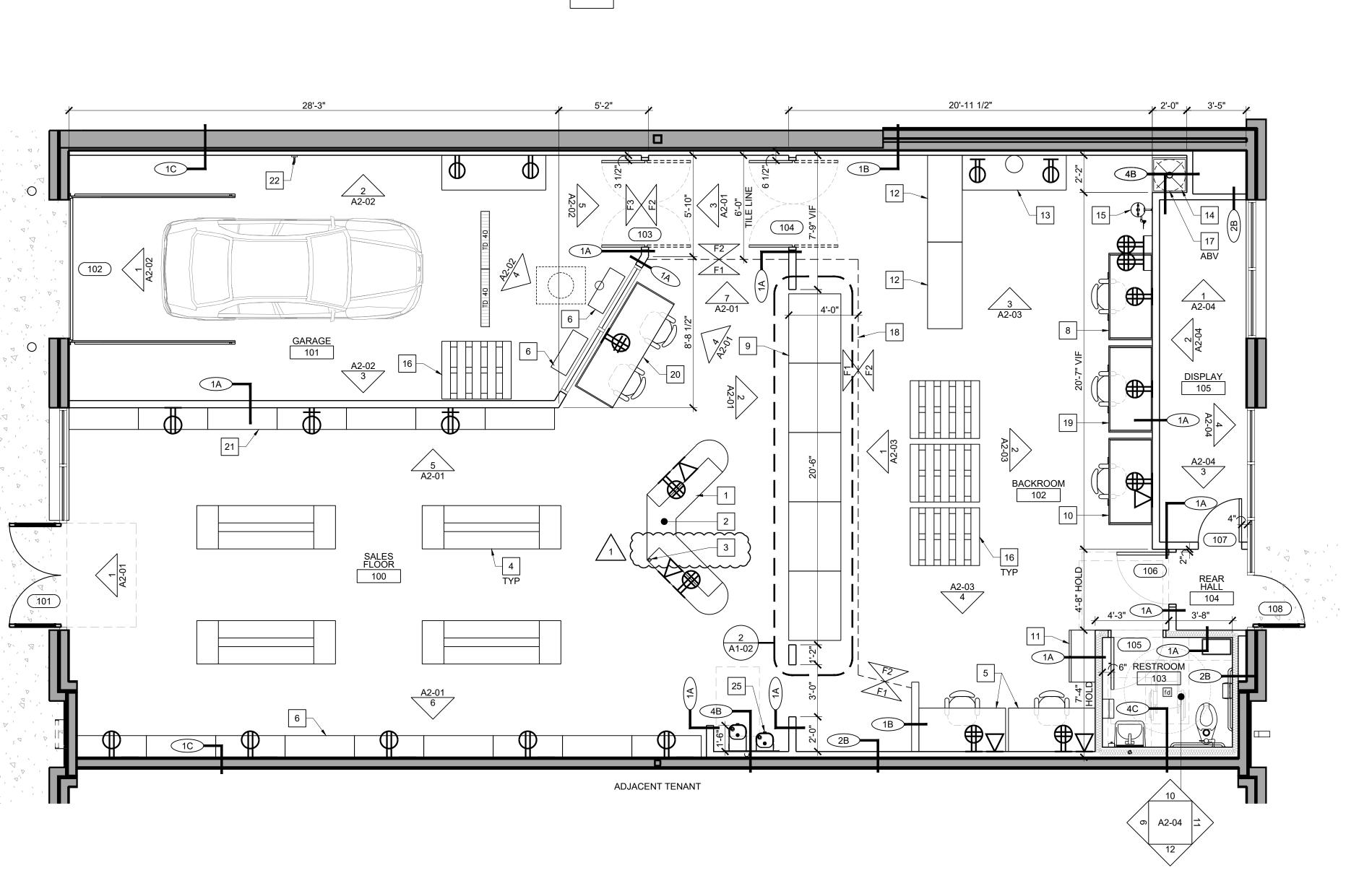
HANDRAILS

BLOCKING NOTES

BABY CHANGING TABLE

MANAGER'S DESK SHELVES

MILLWORK LOCATIONS - TO BE 6" STRIPS



FLOOR PLAN

KEYNOTES

SEE DOOR SCHEDULE ON SHEET A3-01 FOR MORE INFORMATION

#X SEE PARTITION SCHEDULE ON SHEET A3-02 FOR MORE

SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.

2 34" HIGH ADA COUNTER

POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

4 8' RETAIL SHELVING GONDOLA

 $\overline{\sim}$ 5 DEVICE REPAIR

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

NEW 24"X24" MOP SINK TO REMAIN. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

16 PALLET

NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS AND DETAIL 1/A3-02 FOR MORE INFORMATION.

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

23 TRENCH DRAIN, SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

BELOW-GROUND OIL INTERCEPTOR, SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

NEW ADA-COMPLIANT DRINKING FOUNTAIN. SEE PLUMBING

DRAWINGS FOR MORE INFORMATION AND 2/A3-01 FOR MOUNTING

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
- 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.
- 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
- 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.
- 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.

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No.

FLOOR

PLAN



LEGEND

KEYNOTES

INFORMATION

NEW PARTITIONS, REFER TO A2-11

EXISTING PARTITIONS & EXTERIOR WALLS

EXIT / EMERGENCY LIGHT

EMERGENCY LIGHT - SEE LIGHTING FIXTURE SCHEDULE

BATTERIES PLUS, LLC

SEE DOOR SCHEDULE ON SHEET A9-01 FOR MORE INFORMATION

#X > SEE PARTITION SCHEDULE ON SHEETS A6-30 & A6-31 FOR MORE

POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

3 EXISTING RTU ABOVE. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

EXIT SIGN/EMERGENCY LIGHT - SEE LIGHTING FIXTURE SCHEDULE

2X4 LED FIXTURES SUPPLIED BY

2X2 ACT CEILING

SUPPLY AIR DIFFUSER - SEE MECHANICAL PLANS FOR MORE INFORMATION

RETURN AIR GRILLE - SEE MECHANICAL PLANS FOR MORE INFORMATION

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 EXPOSED TOP EDGE GREATER THAN 36" A.F.F.
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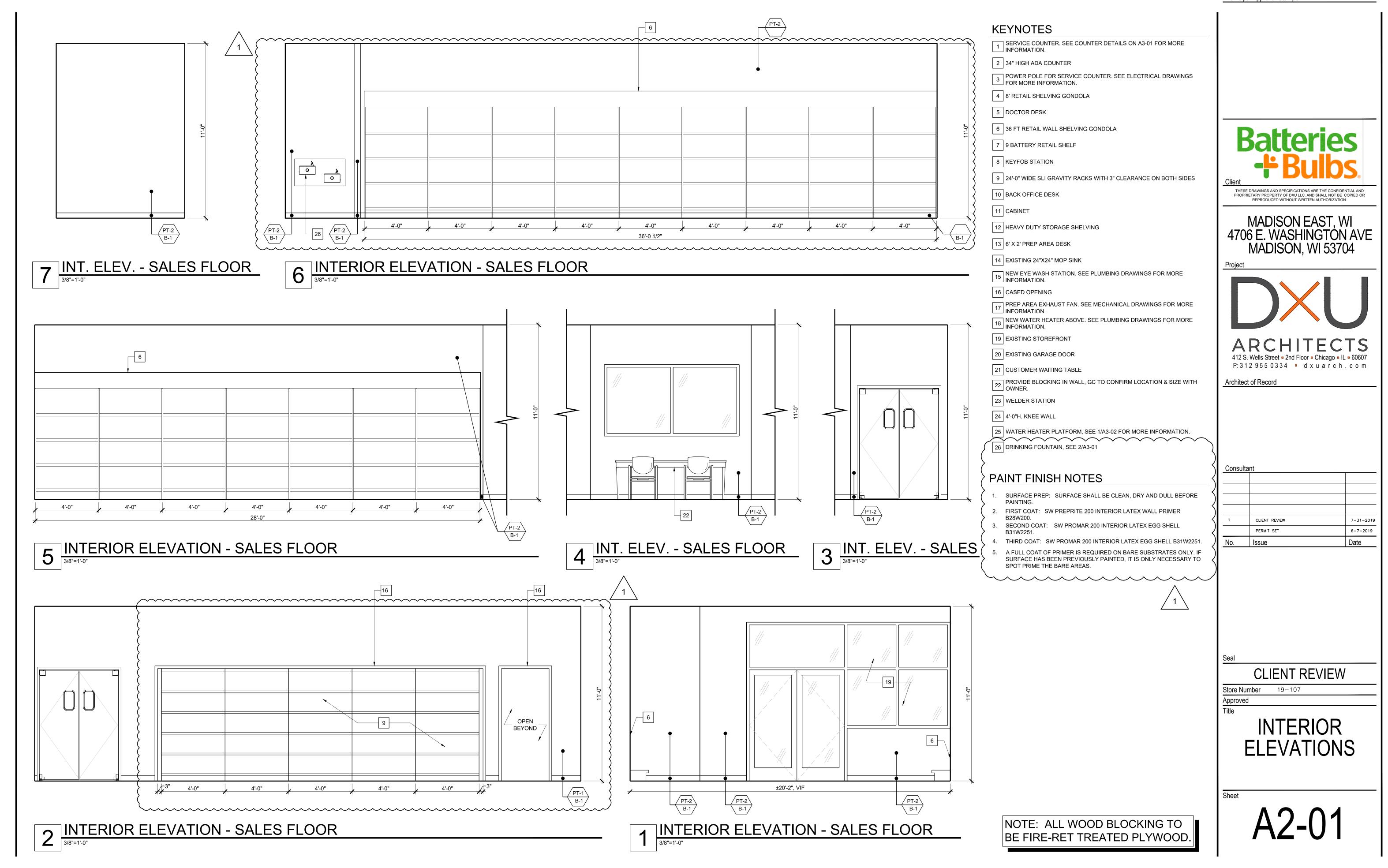
REFLECTED CEILING

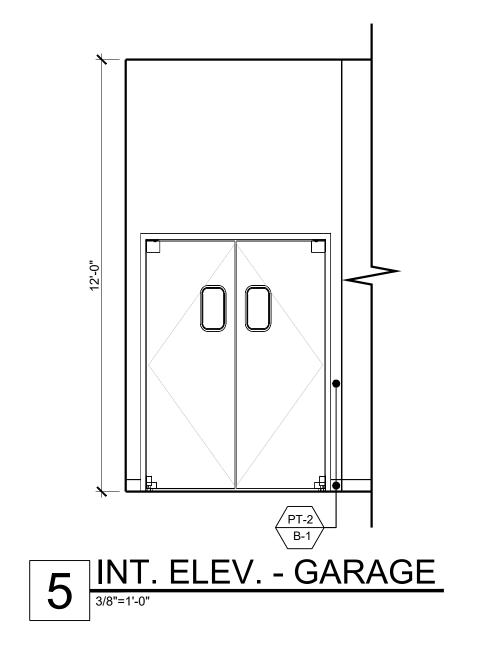
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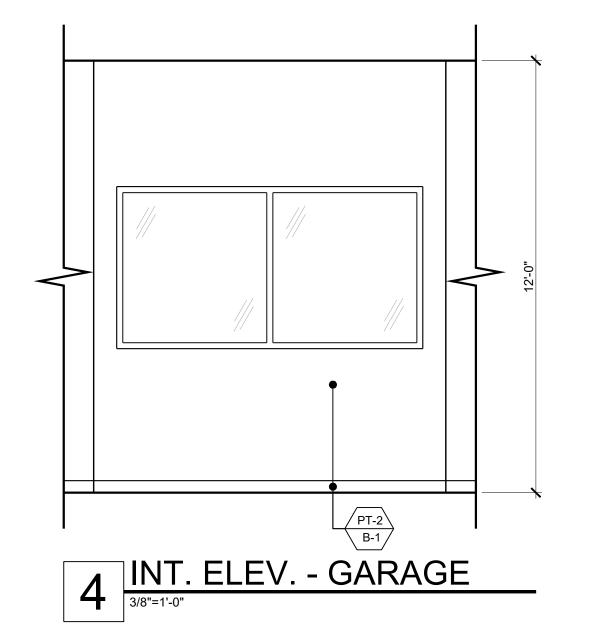
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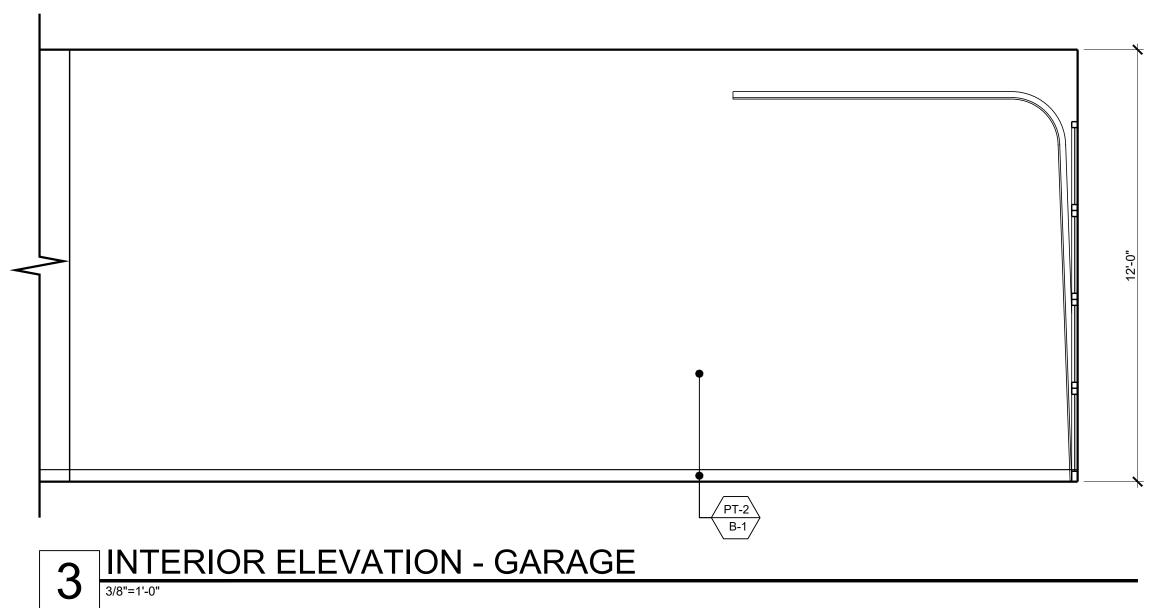
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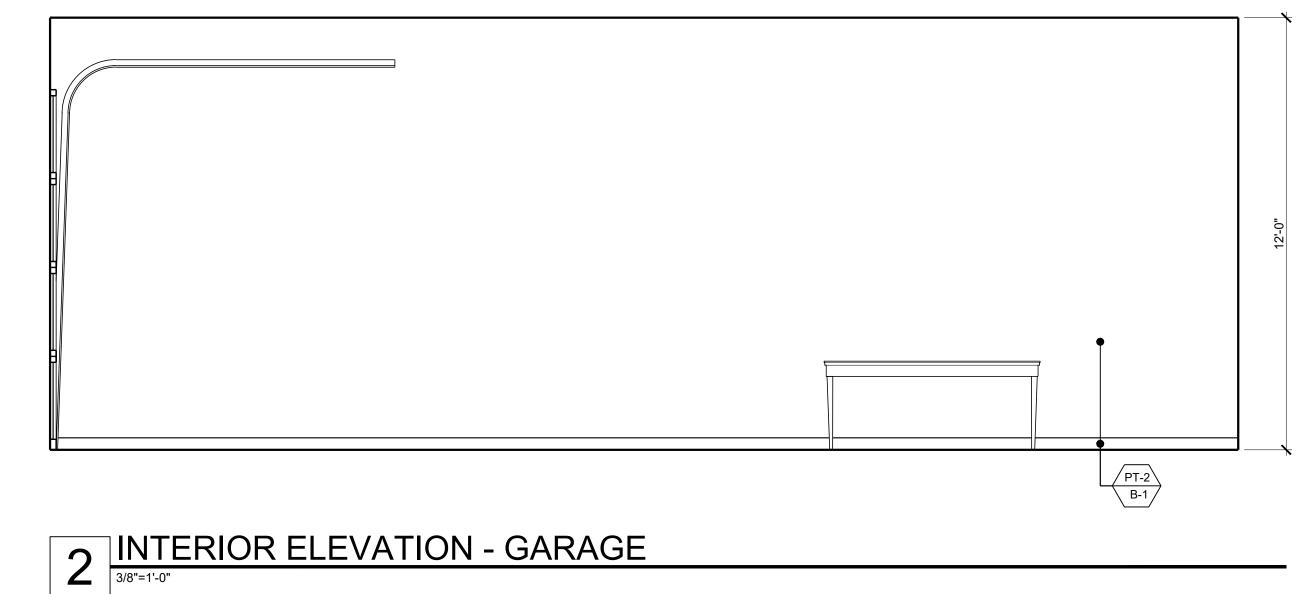


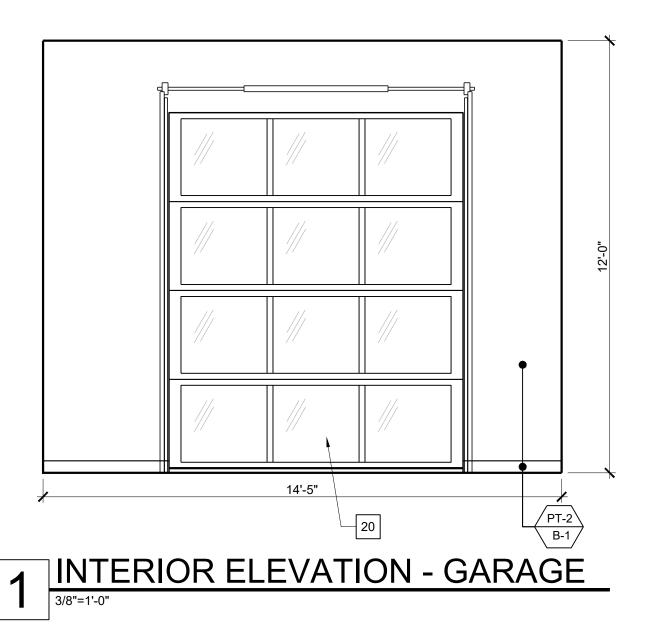












KEYNOTES

SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.

2 34" HIGH ADA COUNTER

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

NEW EYE WASH STATION. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

16 CASED OPENING

PREP AREA EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.

NEW WATER HEATER ABOVE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.

19 EXISTING STOREFRONT

20 EXISTING GARAGE DOOR

21 CUSTOMER WAITING TABLE

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

3. SECOND COAT: SW PROMAR 200 INTERIOR LATEX EGG SHELL

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.



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Architect of Record

Consultant CLIENT REVIEW 7-31-2019 PERMIT SET 6-7-2019

Date

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CLIENT REVIEW

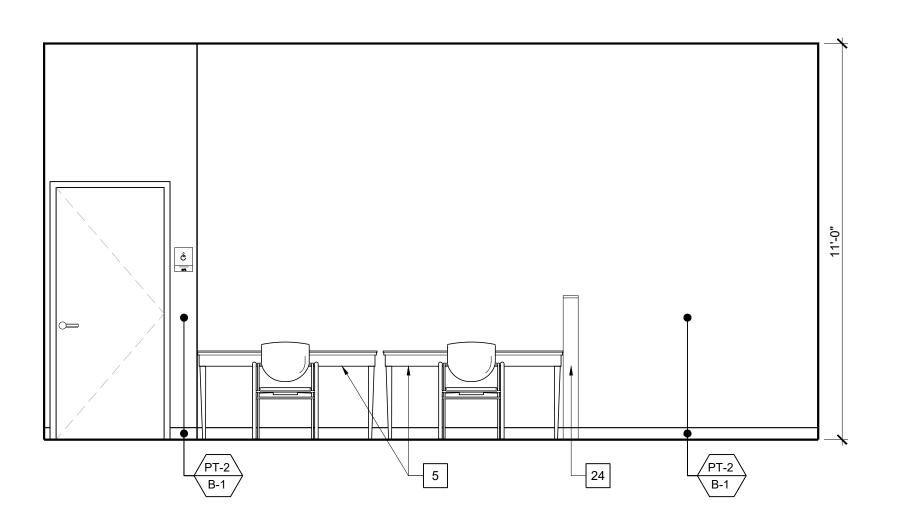
Store Number 19-107 Approved Title

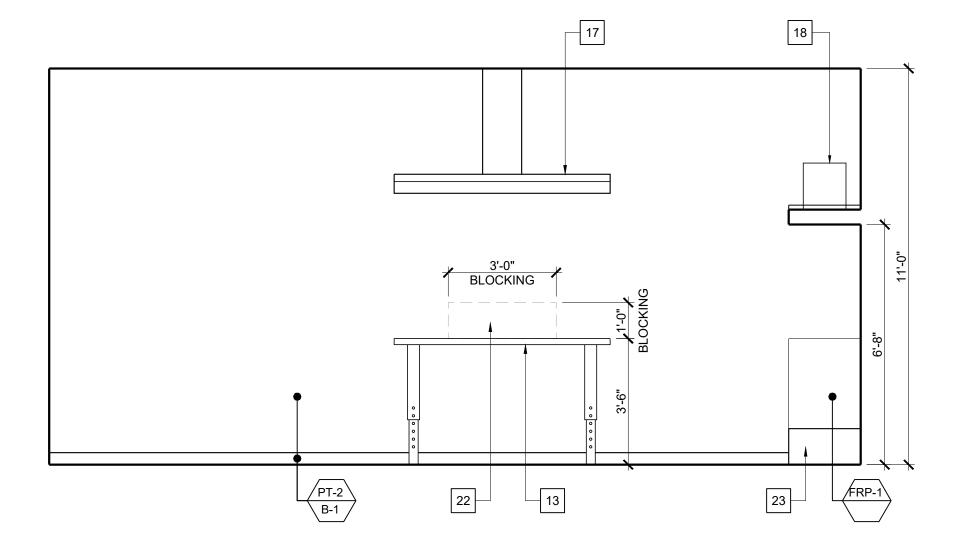
No. Issue

INTERIOR **ELEVATIONS**

A2-02

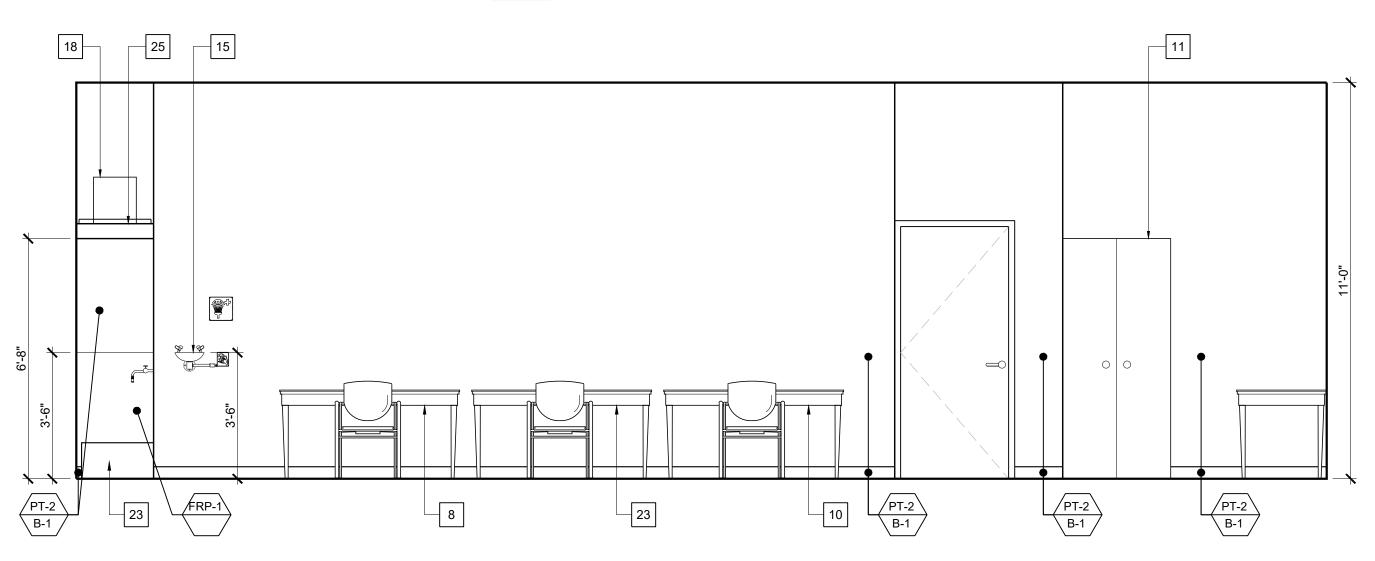
NOTE: ALL WOOD BLOCKING TO BE FIRE-RET TREATED PLYWOOD.



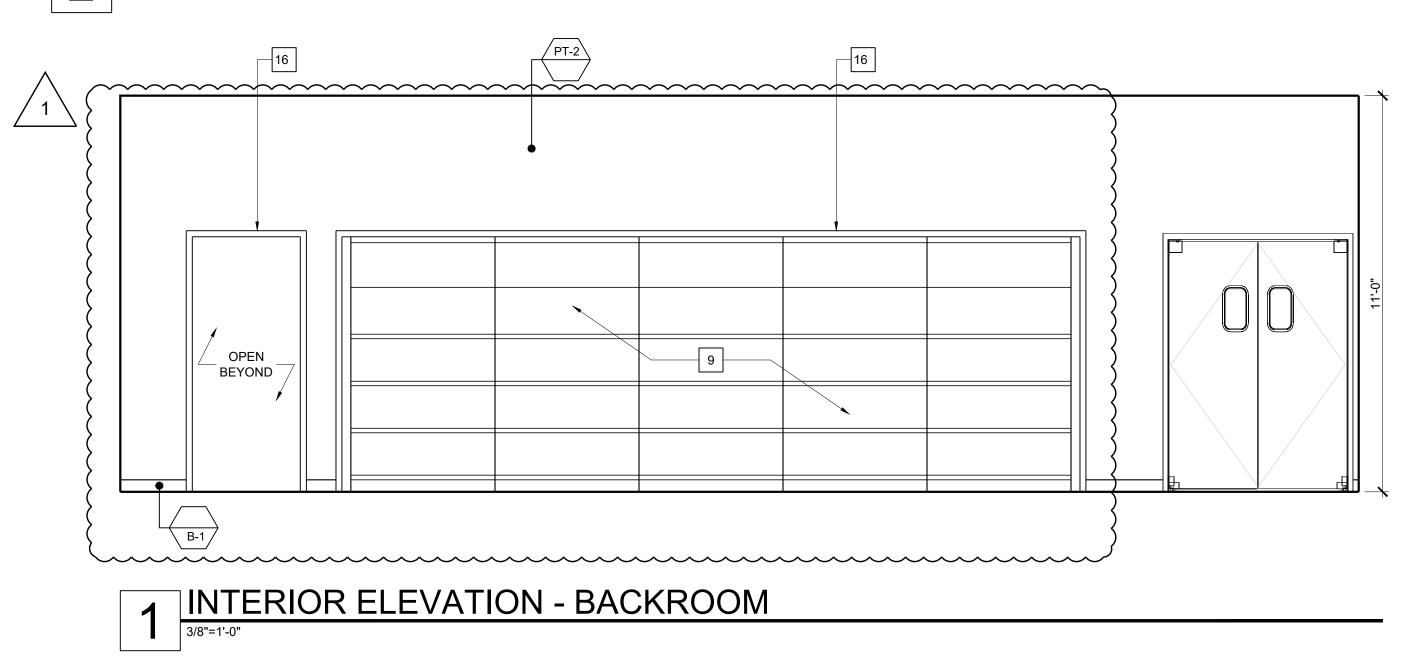


4 INTERIOR ELEVATION - BACKROOM
3/8"=1'-0"

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



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



KEYNOTES

SERVICE COUNTER. SEE COUNTER DETAILS ON A3-01 FOR MORE INFORMATION.

2 34" HIGH ADA COUNTER

POWER POLE FOR SERVICE COUNTER. SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.

FOR MORE INFORMATION.

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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.

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

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ARCHITECTS
412 S. Wells Street • 2nd Floor • Chicago • IL • 60607
P: 312 955 0334 • d x u a r c h . c o m

Architect of Record

Consultant

CLIENT REVIEW

PERMIT SET

No. Issue

7-31-2019

6-7-2019

Date

Seal

CLIENT REVIEW

Store Number 19–107

Approved Title

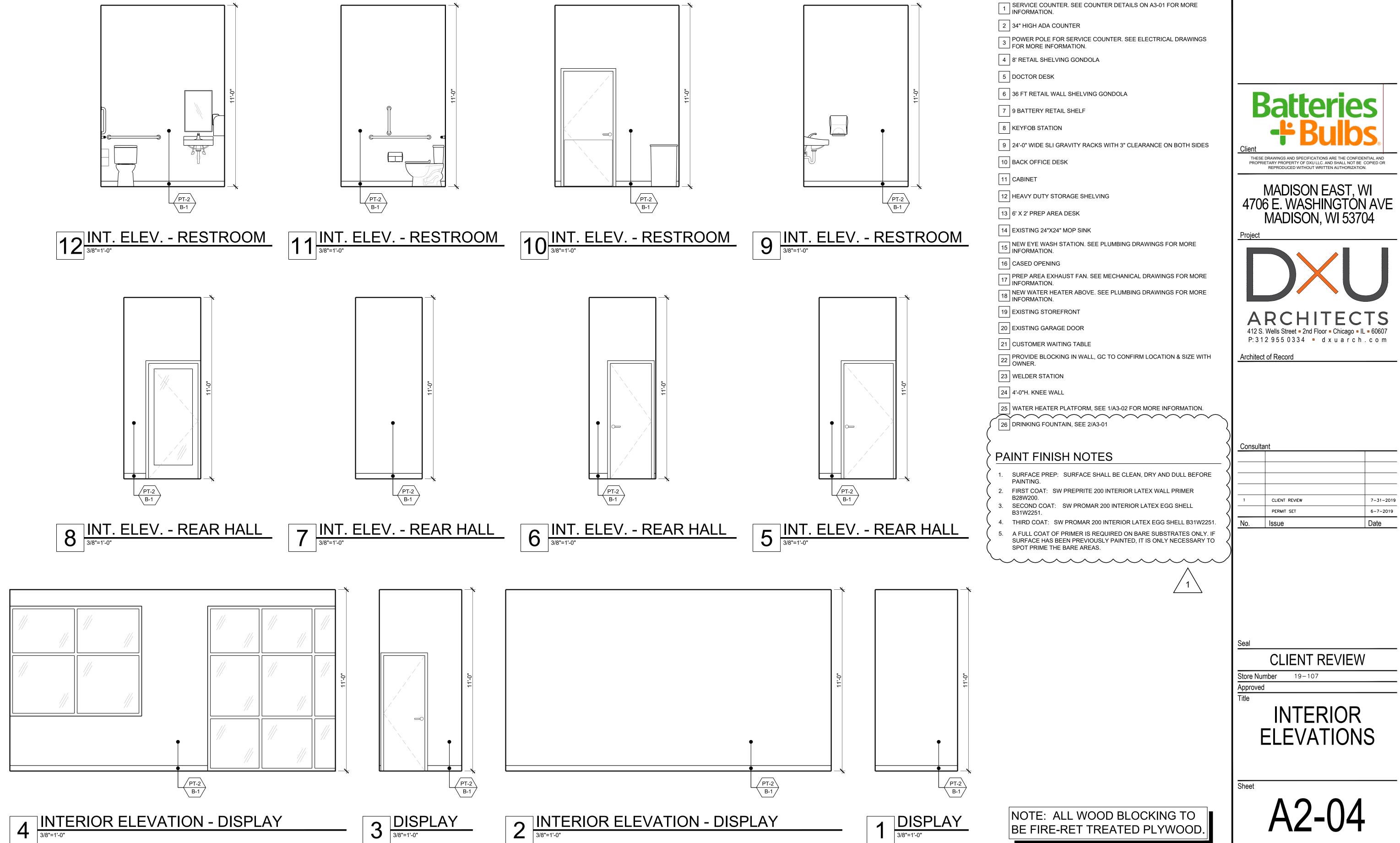
INTERIOR ELEVATIONS

Sheet

A2-03

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

KEYNOTES



7-31-2019

A2-04

BE FIRE-RET TREATED PLYWOOD

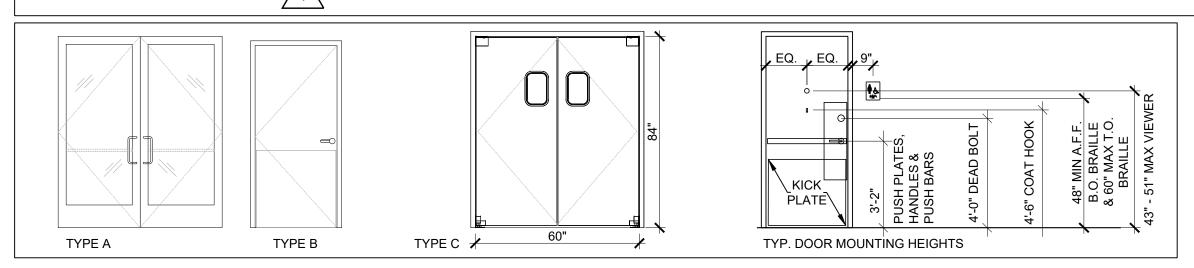
DOOR SCHEDULE

				C COLIEDGEE				
MARK DESCRIPTION 1		TYPE	REMARKS	FINISH	HARDWARE & ACCESSORIES			
101	ENTRY & EXIT	А	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	С	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	С	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	В	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 STO			
106	REAR HALL	В	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	В	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	В	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.			

- 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



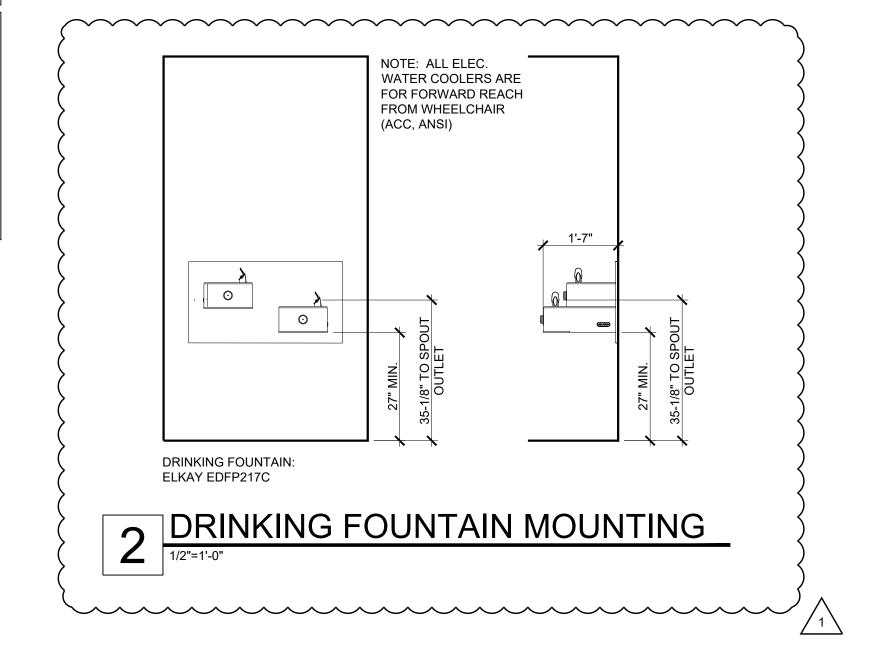
DOOR AND FINISH SCHEDULES

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	L 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 ¾"	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		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.



Municipal Approval Stamps



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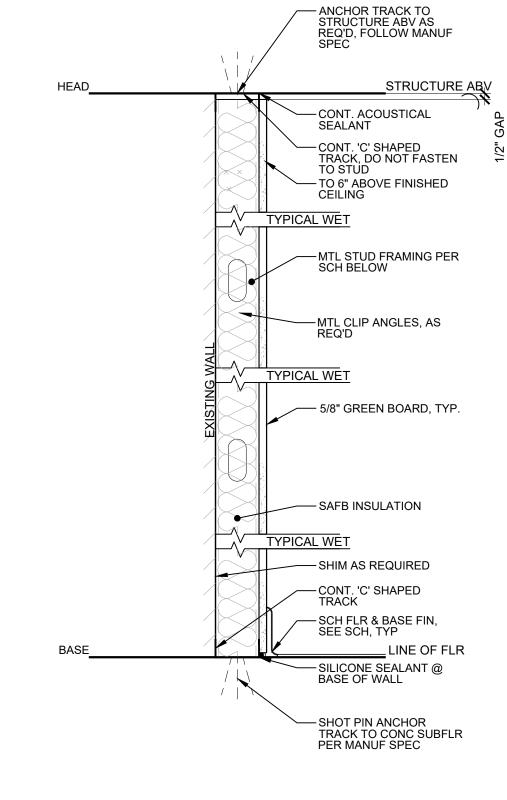
Architect of Record

Consulta	ınt	
1	CLIENT REVIEW	7-31-2019
	PERMIT SET	6-7-2019

CLIENT REVIEW

Store Number
Approved
Title 19-107

SCHEDULES & COUNTER **DETAILS**



PARTITION: 3 (TYPICAL / TYPICAL WET)

FIRE INSLUATION STUD

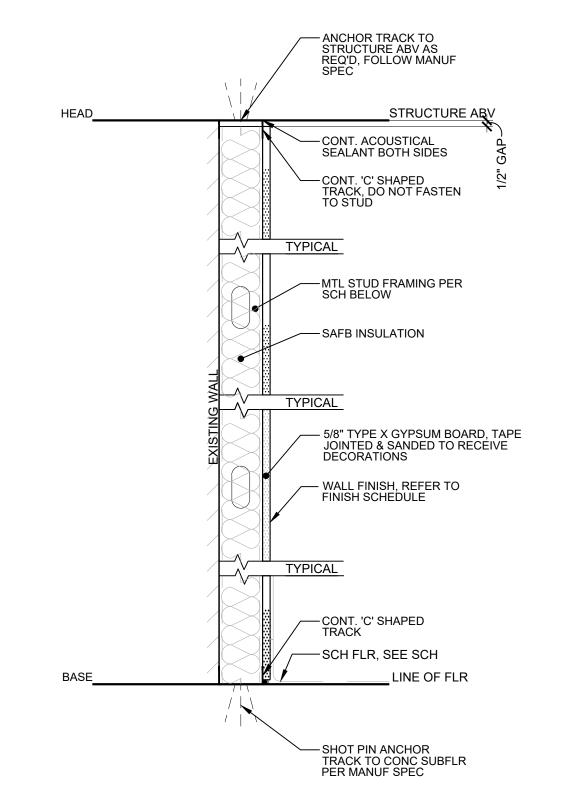
SIZE | SPACING | RATING | THICKNESS | GAUGE | THICKNESS | RATING |

WALL

STC

7-1/4" N/A

5" NOM N/A A 3-5/8" 16" OC



PARTITION: 1 (SALES/ BACK ROOM)

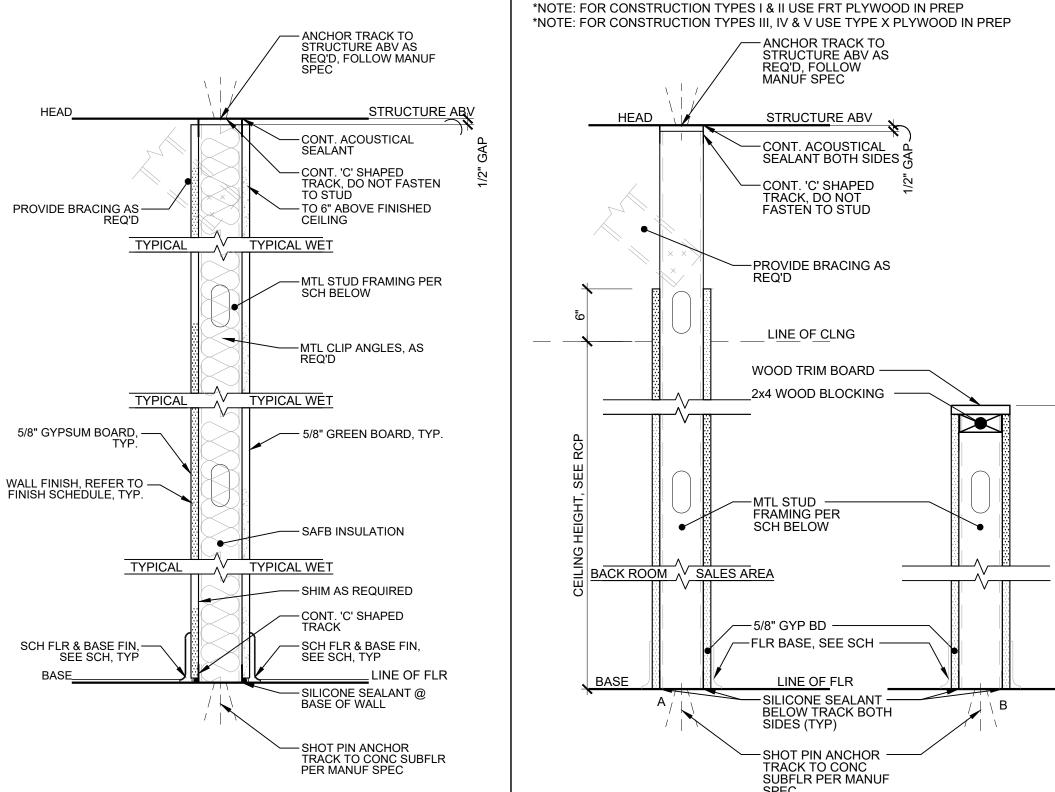
TYPE SIUD SIUD FIRE INSUSTION SIZE SPACING RATING THICKNESS GAUGE THICKNESS RATING

N/A 4'x4' KNEE WALL

STUD STUD FIRE INSLUATION STUD

N/A

P	ARTI	TION:	4 (TY	PICAL /	TYPI	CAL WE	ET)	F	PART	TITION	: 2 (T`	YPICAL	/ EXIS	ST WAL	.L)
TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING	TYPE	STUD SIZE	STUD SPACING	FIRE RATING	INSLUATION THICKNESS	STUD GAUGE	WALL THICKNESS	STC RATING
Α	2-1/2"	16" OC	N/A	2"	20	3-1/8"	N/A	A	2-1/2"	16" OC	N/A	2"	20	3-1/8"	N/A
<u>B</u>	3-5/8"	16" OC	N/A	3-1/2"	20	4-1/4"	N/A	B	3-5/8"	16" OC	N/A	3-1/2"	20	4-1/4"	N/A
<u> </u>	6"	16" OC	N/A	6"	20	6-5/8"	N/A	<u>C</u>	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								
ANCHOR TRACK TO STRUCTURE ABV AS REQ'D, FOLLOW MANUF SPEC						1			_	S I & II USE FR ⁻ S III, IV & V USE — ANCHOR TR STRUCTURE REQ'D, FOLL MANUF SPE	E TYPE X P ACK TO E ABV AS .OW	D IN PREP LYWOOD IN PF	₹EP		
	HEAD)			-CONT. AC SEALANT		ABV GAP			HEAD \		STRUCTURI — CONT. ACOL SEALANT BO	JSTICAL	GAP	



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



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Project



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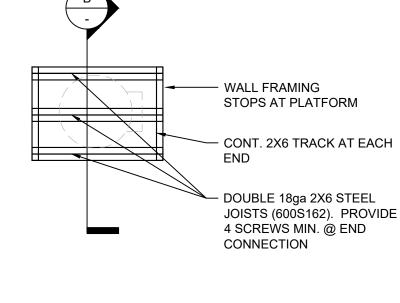
CLIENT REVIEW

19-107 Store Number

Approved Title

> **PARTITION** SCHEDULES & DETAILS

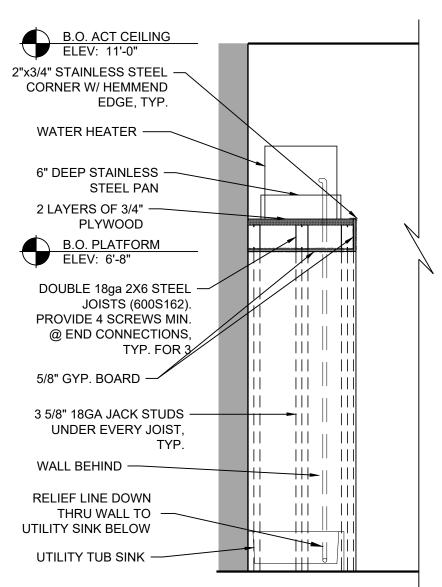
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VERIFY DIMENSIONS WITH

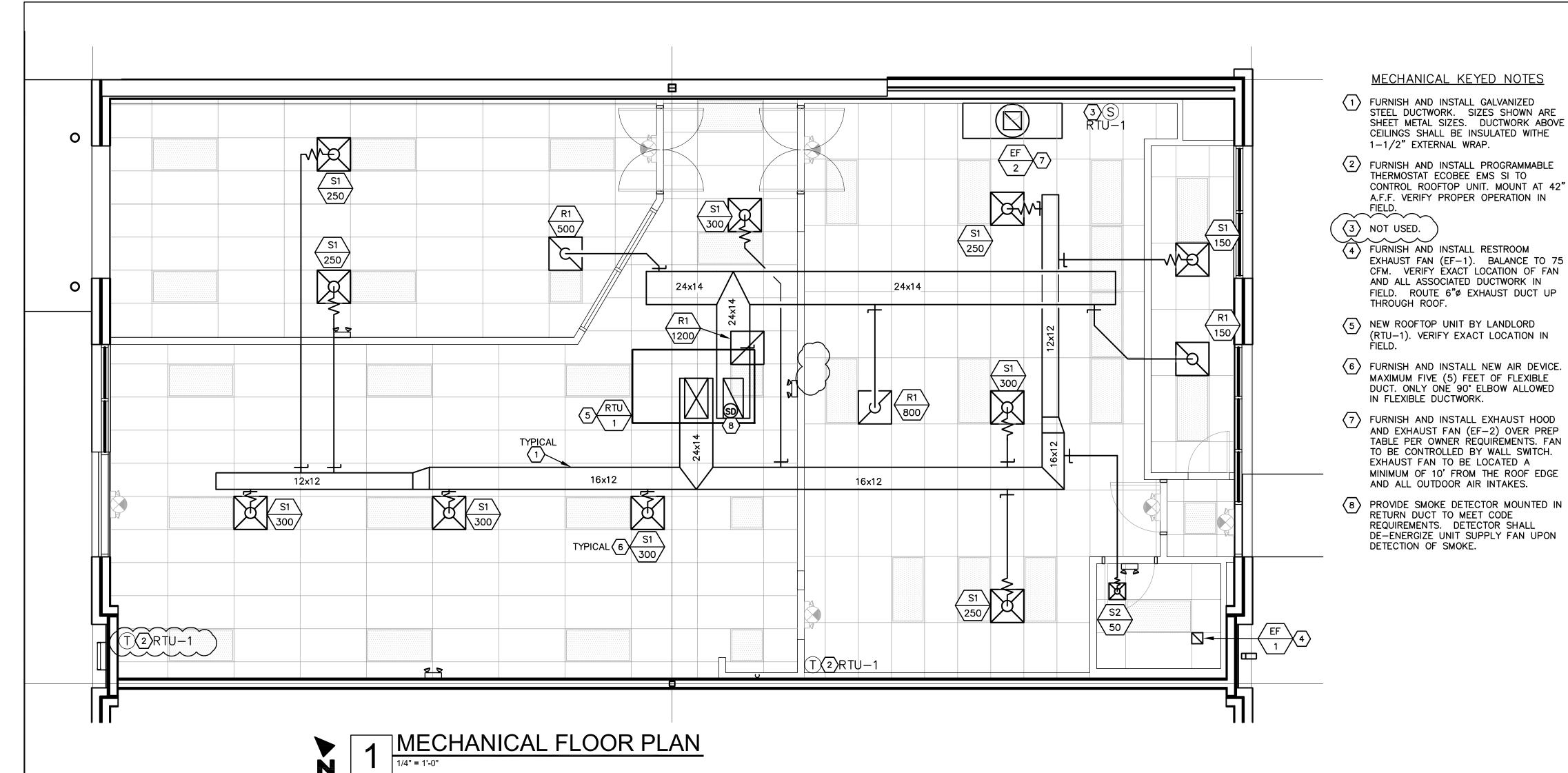
CONSTRUCTION PLAN

B. WATER HEATER PLATFORM FRAMING PLAN



A. WATER HEATER PLATFORM FRAMING SECTION

WATER HEATER PLATFORM



PLAN MANUFACTURER MODEL MATL. FRAME PANEL SIZE								
S1	TITUS	TMS	STEEL	LAY-IN	24×24	1		
S2	TITUS	TDC	STEEL	LAY-IN	12x12	1		
R1 TITUS 350R STEEL LAY-IN 24x24 1								
DIFFUSER NECK SIZE TO BE SAME AS DUCT RUN-OUT. SEE PLANS FOR RUN-OUT SIZES.								

EXHAUST FAN SCHEDULE									
I TAG IMANUEACTURER I MODEL NUMBER I AREA SERVED I CEM I == I						FAN HP VOLTAGE	WEIGHT (LBS)	NOTES	
EF-1	GREENHECK	G-060-VG	RESTROOM	75	0.4"	1/6 HP 120V	15	1	
EF-2	соок	60 ACEB	PREP TABLE HOOD	125	0.5"	1/6 HP 120V	46	1	
1. RO	NOTES: 1. ROOF MOUNTED EXHAUST FAN. PROVIDE WITH ROOF CURB, BIRD SCREEN AND BACKDRAFT DAMPER. FAN TO BE CONTROLLED BY SWITCH.								

MODEL NO. TONS SEER CFM CFM ESP TOT. SENS. IN/OUT MCA MOCP VOLT/PHASE

RTU-1 TRANE YSC092H3 7.5 11.2/- 2700 320 0.8 91.3 85.1 150/120 39 50

2. VERIFY ELECTRICAL VOLTAGE/PHASE WITH ELECTRICAL CONTRACTOR IN FIELD.

LANDLORD TO PROVIDE ROOFTOP UNIT. UNIT TO BE PROVIDED WITH NEW MANUFACTURER APPROVED ROOF CURB, COORDINATE EXACT LOCATION IN FIELD.

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.

ELECTRICAL

REMARKS

RTU SCHEDULE (BY LANDLORD)

	R NECK/RUNOUT SCHEDULE
NECK SIZE	СҒМ
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

	MECHANICAL KEYED NOTES	MECH	HANICAL SYMBOLS LEGEND
,	FURNISH AND INSTALL GALVANIZED STEEL DUCTWORK. SIZES SHOWN ARE	T	THERMOSTAT
	SHEET METAL SIZES. DUCTWORK ABOVE CEILINGS SHALL BE INSULATED WITHE	SD	SMOKE DETECTOR
	1-1/2" EXTERNAL WRAP.	- ₩-	FLEXIBLE DUCT
•	FURNISH AND INSTALL PROGRAMMABLE THERMOSTAT ECOBEE EMS SI TO		VOLUME DAMPER
	CONTROL ROOFTOP UNIT. MOUNT AT 42"	FD =	FIRE DAMPER
_	A.F.F. VERIFY PROPER OPERATION IN FIELD.	X	CEILING SUPPLY AIR DIFFUSER
, ,	NOT USED. FURNISH AND INSTALL RESTROOM	E-*	CEILING RETURN AIR GRILLE
	EXHAUST FAN (EF-1). BALANCE TO 75 CFM. VERIFY EXACT LOCATION OF FAN		SIDEWALL AIR DIFFUSER OR GRILLE
	AND ALL ASSOCIATED DUCTWORK IN		NEW DUCTWORK
	FIELD. ROUTE 6"Ø EXHAUST DUCT UP THROUGH ROOF.		EXISTING DUCTWORK
	NEW ROOFTOP UNIT BY LANDLORD	— D —	CONDENSATE DRAIN
,	(RTU-1). VERIFY EXACT LOCATION IN	— с —	GAS PIPING
	FIELD.		PIPE TURNING DOWN
•	FURNISH AND INSTALL NEW AIR DEVICE.		PIPE TURNING UP
	MAXIMUM FIVE (5) FEET OF FLEXIBLE DUCT. ONLY ONE 90° ELBOW ALLOWED	_	BALL VALVE
	IN FLEXIBLE DUCTWORK.		GATE VALVE
,	FURNISH AND INSTALL EXHAUST HOOD	•	CONNECTION OF NEW TO EXISTING
	AND EXHAUST FAN (EF-2) OVER PREP	7	CHECK VALVE
	TABLE PER OWNER REQUIREMENTS. FAN TO BE CONTROLLED BY WALL SWITCH.		GAS COCK
	EVALUATE EAST TO BE 1 00 TEB 4		LUMILUM

EXHAUST FAN TO BE LOCATED A

DE-ENERGIZE UNIT SUPPLY FAN UPON

DETECTION OF SMOKE.

III UNION

S1 100

PRESSURE GAUGE

AIR DEVICE #

ABOVE FINISHED FLOOR

S — SUPPLY R — RETURN

E - EXHAUST

STRAINER

CFM



Municipal Approval Stamps

MECHANICAL PLAN

M1-01

	LIGHTING FIXTURE SCHEDULE									
TYPE	YPE MANUF MODEL DESCRITPTION MATERIAL COL TRINISHES WATTAGE VOLTAGE LAMP TYPE TE									
А	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		
В	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			

- <u>NOTES</u>:

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

- SPARE (CHNL STOREFRONT SIGNAGE (CHNL 2 (CHNL SPARE S.GARAGE AREA LTG TRONT SALES AREA LTG \$ FRONT SALES AREA LTG OVERRIDE MAX -S BACK SALES AREA LTG (2) HOURS
 - 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.

\INTERIOR LIGHTING CONTROL DIAGRAM



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
- 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

KEYED ELECTRICAL NOTES:

- TURNISH 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.
- 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.
- 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.
- 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.
- EC TO FURNISH AND INSTALL OCCUPANCY WALL SWITCH WATT STOPPER #WS250-WH OR EQUAL.



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CERTIFICATE OF AUTHORITY NO. 3834-11

Consultant 6-7-2019 PERMIT SET Date No. Issue

PERMIT SET

Store Number 19–107

Approved Title

LIGHTING PLAN

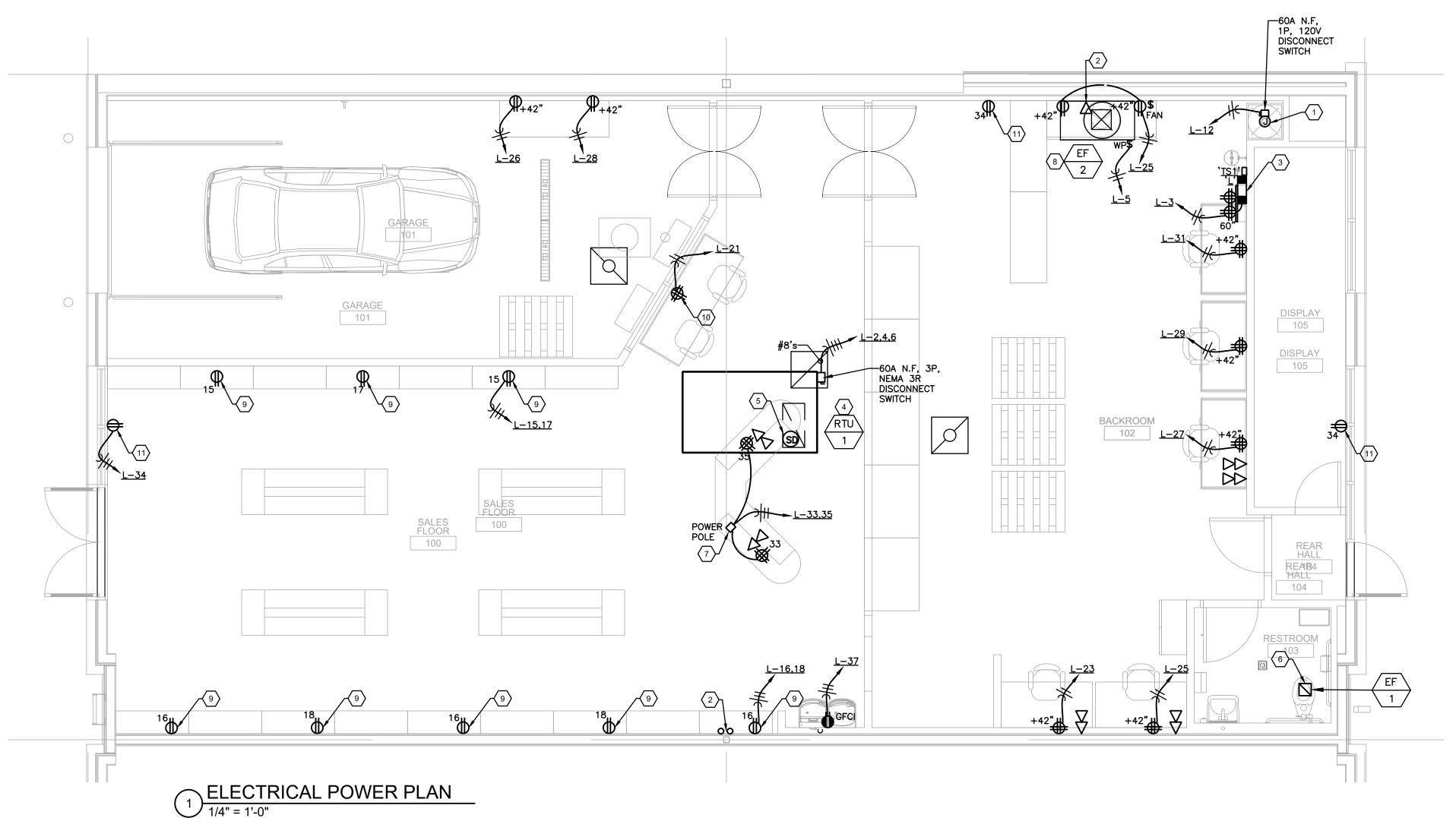
E1-01

GENERAL ELECTRICAL NOTES:

- 1. CONNECT ALL SIGNALING/CONTROL DEVICES PER MANUFACTURER'S WRITTEN
- 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
- 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

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.
- NEW TELEPHONE TERMINAL BOARD (TTB). PROVIDE 3/4" PLYWOOD PAINTED WITH FLAME RETARDANT PAINT AND GROUND RUS WITH #6 FOLLIPMENT OPOLIND PACK TO OPOLINDING SYSTEM FURNISH AND 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.
- \langle 4 \rangle 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.
- 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-IŃ.
- 6 NEW EXHAUST FAN. CIRCUIT FAN TO LOAD SIDE OF WALL MOUNTED OCCUPANCY SENSOR SERVING
- T) 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.
- \langle 10 \rangle 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.
- $\langle 11 \rangle$ EC TO PROVIDE RECEPTACLE FOR INTERIOR SIGNS. FIELD VERIFY EXACT MOUNTING HEIGHT, LOCATION AND REQUIREMENTS PRIOR TO BID AND ROUGH IN.



1	۱E۷	V F	PANEL 'L'				SURFA	ACE MO	DUNT	ED
-	120/2	08 VC	DLTS <u>3</u> PHASE <u>4</u>	WIRE	20	<u>0</u> AMP.	BUS <u>VERIFY</u> A.I.C. S	SERIES	RAT	ED
	ICB			CIRCUI	T BREA	KER T	(PE			
CKT. NO.		NO. POLE	LOAD SERVED	LOA Aø	ND- V	. A.	LOAD SERVED	NO. POLE	TRIP AMPS	CKT. NO.
1 1	20	1	BACK SALES LTG	400 4680	>		RTU-1	3	50	2
3	20	1	ТТВ		360 4680	>				4
5	20	1	EF-2		<	600 4680	<u></u>			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
3 1	1 20	1	GARAGE LTG		<	290 3000	WATER HEATER	1	35	12
13	3 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	7 20	1	SALES FLOOR REC.		<	540 540	SALES FLOOR REC.	1	20	18
/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
23	20	1	DR DESK REC.		<	360 500	TIME SWITCH	1	20	24
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	VOLT — AMPS	
LOAD DESCRIPTION	D.F.	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 GROUND FAULT CURRENT INTERRUPTER

C# CONTACTOR # T/S TIME SWITCH

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

BUILDING EXTERIOR TENANT SPACE

ELECTRICAL ONE-LINE DIAGRAM

KEYED ONE-LINE NOTES:

- $\langle \mathsf{A} \rangle$ existing building service feeder from existing utility transformer.
- \langle B \rangle 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
- 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
- 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

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.

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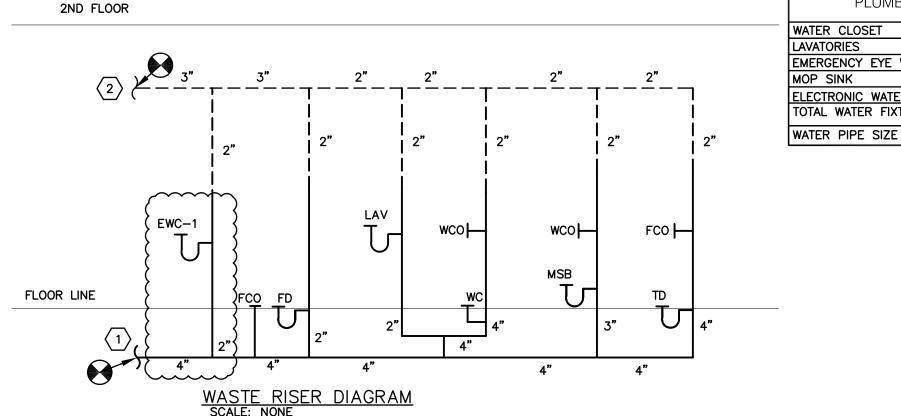
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19-107 Store Number Approved

Title

POWER PLAN

E1-02



3/4"

3/4"

EWH-1

1 PLUMBING FLOOR PLAN

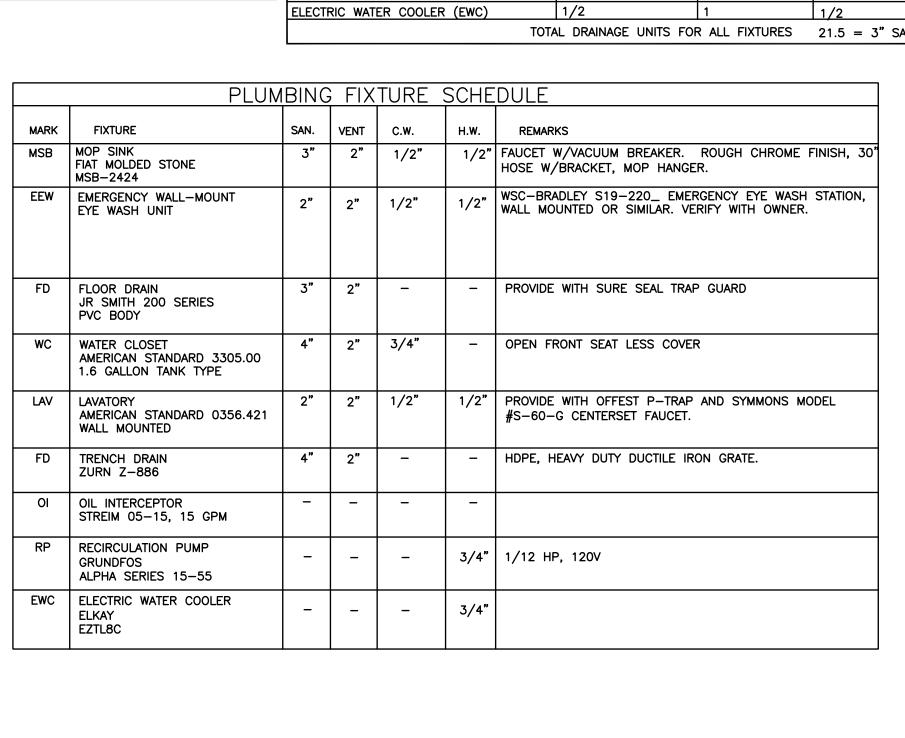
1/4" = 1'-0"

2ND FLOOR

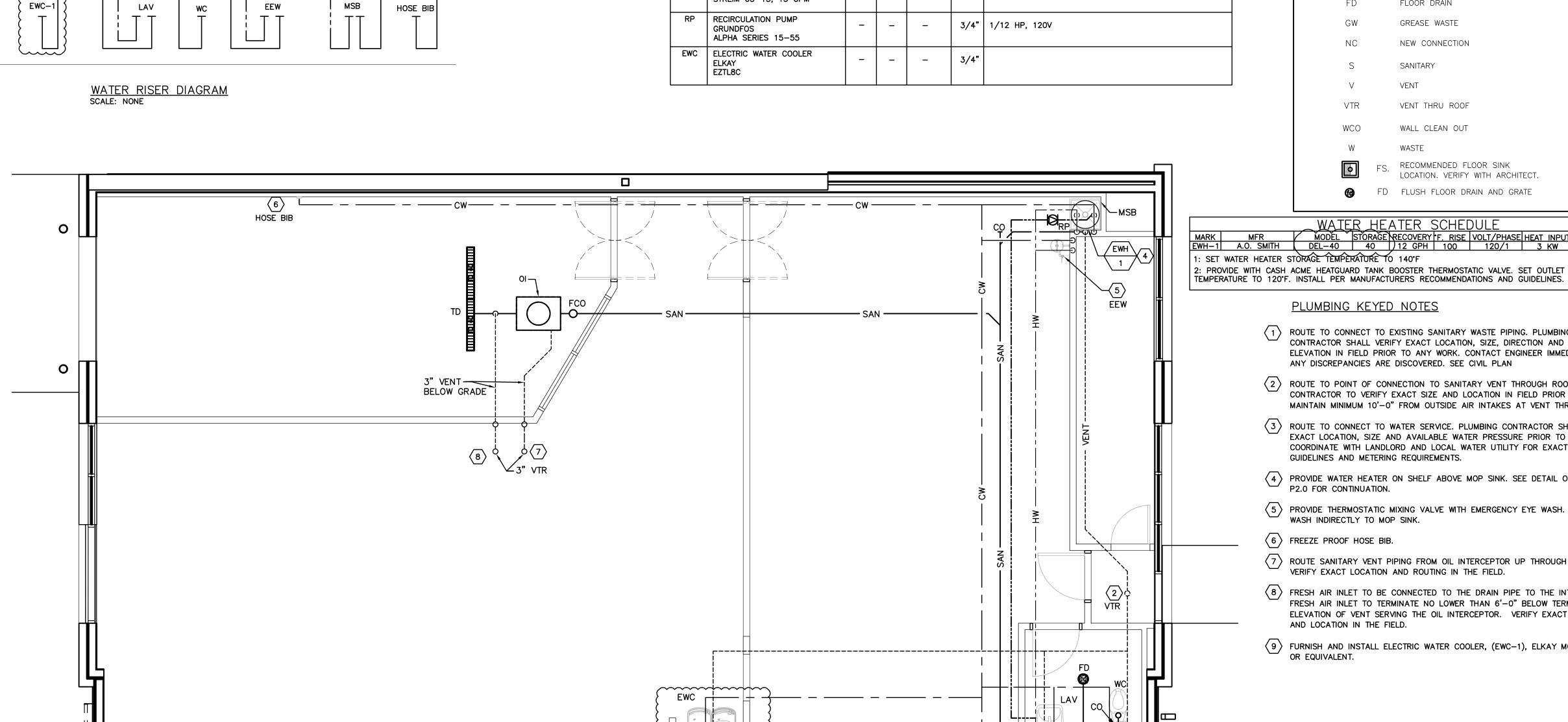
FLOOR LINE

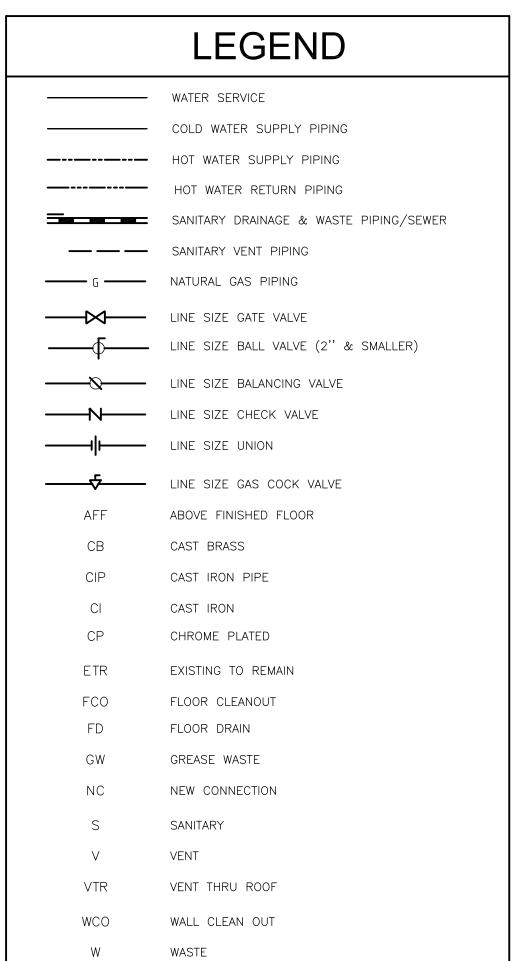
TABLE TO CALCULATE WATER FIXTURE UNITS					
PLUMBING FIXTURE	WATER FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL WATER FIXTURE UNITS		
 WATER CLOSET	5	1	5		
LAVATORIES	2	1	2		
EMERGENCY EYE WASH	2	1	2		
MOP SINK	3	1	3		
ELECTRONIC WATER COOLER (EWC)	1/2	1	1/2		
TOTAL WATER FIXTURE UNITS FOR ALL FIXT	TURES	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

]	TABLE TO CALCULATE DRAINAGE FIXTURE UNITS					
	PLUMBING FIXTURE	DRAINAGE FIXTURE UNITS	NUMBER OF FIXTURES	TOTAL DRAINAGE FIXTURE UNITS		
4	WATER CLOSET (WC)	4	1	4		
4	LAVATORIES (LAV)	2	1	2		
-	EMERGENCY EYE WASH	2	1	2		
┨	3" FLOOR DRAINS (FD)	4	1	4		
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					



3 1





WATER HEATER SCHEDUL MARKMFRMODELSTORAGE RECOVERY F. RISE VOLT/PHASE HEAT INPUT REMARKSEWH-1A.O. SMITHDEL-4040) 12 GPH100120/13 KW1 & 2 : SET WATER HEATER STORAGE TEMPERATURE TO 140'F

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.

RECOMMENDED FLOOR SINK LOCATION. VERIFY WITH ARCHITECT.

FD FLUSH FLOOR DRAIN AND GRATE

- 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.

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Store Number 19–107 Approved

> **PLUMBING** PLAN

Sheet

P1-01