REQUEST FOR COMMISSION ACTION
CITY OF INDEPENDENCE
January 27, 2022

Department Administration **Director Approval** David Cowan

AGENDA ITEM Consider approving the 100% construction documents and setting the date of February 18, 2022 to receive bids for the rehabilitation of 1916 City Hall.

SUMMARY RECOMMENDATION Set the bid date

BACKGROUND Treanor HL will present the final design and bid documents for the rehabilitation of 1916 City Hall to the Commission for approval. Unless the Commission has modifications, TreanorHL is requesting permission to release the documents on January 28, 2022 with bids due on February 18, 2022. A Guaranteed Maximum Price (GMP) submission presentation would be presented on March 10, 2022 for City Commission approval.

SUGGESTED MOTION I move to approve the 100% construction documents and setting the date of February 18, 2022 to receive bids for the rehabilitation of 1916 City Hall.

SUPPORTING DOCUMENTS 100% Bid Documents

CITY OF INDEPENCENCE, KANSAS

CITY HALL RENOVATION

100CD

01/28/22

OWNER

CITY OF INDEPENDENCE
811 W. LAUREL STREET
INDEPENDENCE, KS 67301
WWW.INDEPENDENCEKS.GOV

ARCHITECT

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LANDSCAPE/ CIVIL ENGINEER

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STRUCTURAL ENGINEER

BOB D.CAMPBELL & COMPANY,INC
4338 BELLEVIEW
KANSAS CITY, MO 64108
PHONE: 816.531.4144
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MEP ENGINEER

LATIMER SOMMERS & ASSOCIATES, P.A.
8625 COLLEGE BLVD, SUITE 102
OVERLAND PARK, KS 66210
PHONE: 785.233.3232
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SOUTH ENTRACE & ADDITION VIEW

N.T.S.

INDEX OF DRAWINGS

GENERAL
G000 COVER SHEET
G001 CODE PLAN
G002 CODE PLAN

CIVIL
C001 GENERAL NOTES
C002 EXISTING CONDITIONS
C100 DEMOLITION PLAN
C101 EROSION CONTROL PLAN
C102 EROSION CONTROL DETAILS
C200 SITE PLAN
C201 DIMENSIONAL CONTROL PLAN
C300 GRADING PLAN
C400 UTILITY AND STORMWATER PLAN
C500 SITE DETAILS

LANDSCAPE
L100 LANDSCAPE PLAN
L500 LANDSCAPE DETAILS

GENERAL
A001 GEN NOTES
A002 ADA TYP
A003 PARTITION TYPES

ARCHITECTURAL
AD100 BASEMENT FLOOR DEMOLITION PLAN
AD101 FIRST FLOOR DEMOLITION PLAN
AD102 SECOND FLOOR DEMOLITION PLAN
AD103 THIRD FLOOR DEMOLITION PLAN

ARCHITECTURAL
A100 BASEMENT PLAN
A101 FIRST FLOOR PLAN
A102 SECOND FLOOR PLAN
A103 THIRD FLOOR PLAN
A140 ROOF PLAN
A150 BASEMENT RCP
A151 FIRST FLOOR RCP
A152 SECOND FLOOR RCP
A153 THIRD FLOOR RCP
A201 ELEVATIONS
A202 ELEVATIONS
A301 BUILDING SECTIONS & RAMP DTLS
A311 WALL SECTIONS
A313 WALL SECTIONS
A411 VERTICAL CIRCULATION
A412 ENLARGED PLANS
A501 BUILDING DETAILS
A503 ROOF DETAILS
A504 ROOF DETAILS
A601 DOOR SCHEDULE AND DETAILS
A611 WINDOWS
A621 DOOR AND WINDOW DETAILS
A700 BASEMENT FINISH PLAN
A701 FIRST FLOOR FINISH PLAN
A702 SECOND FLOOR FINISH PLAN
A703 THIRD FLOOR FINISH PLAN
A721 INTERIOR ELEVATIONS
A722 INTERIOR ELEVATIONS
A760 BASEMENT AND FIRST FLOOR - FFE PLAN
A762 SECOND AND THIRD FLOOR - FFE PLAN
A781 MILLWORK

STRUCTURAL
S001 GENERAL NOTES
S002 CMU DETAILS
S100 BASEMENT PLAN
S101 FIRST FLOOR/ FOUNDATION PLAN
S102 SECOND FLOOR/ LOW ROOF PLAN
S103 THIRD FLOOR PLAN
S104 ROOF PLAN
S200 FOUNDATION SECTIONS
S300 STEEL CONNECTION DETAILS
S301 FRAMING SECTIONS

FIRE PROTECTION
FA101 BASEMENT PLAN - FIRE ALARM
FA102 FIRST FLOOR PLAN - FIRE ALARM

PLUMBING
P101 BASEMENT PLAN - BELOW-GRADE PLUMBING
P102 BASEMENT PLAN - PLUMBING
P103 FIRST FLOOR PLAN - BELOW-GRADE PLUMBING
P104 FIRST FLOOR PLAN - PLUMBING
P105 SECOND FLOOR PLAN - PLUMBING
P106 THIRD FLOOR PLAN - PLUMBING

MECHANICAL
M101 BASEMENT PLAN - HVAC
M102 FIRST FLOOR PLAN - HVAC
M103 SECOND FLOOR PLAN HVAC
M104 THIRD FLOOR PLAN - HVAC
M201 BASEMENT PLAN - HVAC PIPING
M202 FIRST FLOOR PLAN - HVAC PIPING
M203 SECOND FLOOR PLAN - HVAC PIPING
M204 THIRD FLOOR PLAN - HVAC PIPING
MP101 MECHANICAL DETAILS
MP102 MECHANICAL SCHEDULES
MP103 MECHANICAL SCHEDULES

ELECTRICAL
E101 BASEMENT PLAN - POWER
E102 FIRST FLOOR PLAN - POWER
E103 SECOND FLOOR PLAN - POWER
E104 THIRD FLOOR PLAN - POWER
E201 BASEMENT PLAN - LIGHTING
E202 FIRST FLOOR PLAN - LIGHTING
E203 SECOND FLOOR PLAN - LIGHTING
E204 THIRD FLOOR PLAN - LIGHTING
E301 ELECTRICAL DISTRIBUTION RISER DIAGRAM
E302 ELECTRICAL DETAILS
E303 ELECTRICAL SCHEDULES
E304 ELECTRICAL SCHEDULES



SITE PLAN

N.T.S.

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CITY OF INDEPENDENCE KANSAS

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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

G000

COVER SHEET

TreanorHL NO. HP0559.1901.00

GENERAL INFORMATION

LOCATION: Independence KS City Hall
217 E Myrtle Street
Independence, KS 67301

OWNER INFORMATION: City of Independence
REASON FOR SUBMITTAL: Rehabilitation, Renovation and Addition

RESPONDING FIRE DEPARTMENT:
Independence Fire Department
AUTHORITIES HAVING JURISDICTION:
City of Independence, KS

APPLICABLE CODES

State Law establishes a minimum Life Safety and has a uniform effect through out the state. KSA 31-133 and KSA 2003 Supp. 31-134 require that all occupied structures conform to basic life safety requirements: A) Existing occupied buildings cannot have hazardous conditions which slow speedy exits. B) alterations of existing building cannot make existing conditions worse or block the exits. C) New construction and changes in use are subject to greater life safety requirements.

2011 - National Electric Code
2012 - International Building Code
2012 - International Existing Building Code
2012 - Uniform Mechanical Code
2012 - Uniform Plumbing Code

PROJECT DESCRIPTION

Rehabilitation and renovation of Historic building with new addition for city administration and police department. Replacement of adjacent County Courthouse carport.

Existing historic 3 story building with walk-out basement. The floor to floor dimension is 10-6 from basement to first and 11-6 typical other floors. Historic structure consists of load bearing masonry exterior brick and stone walls with internal structural concrete columns and 6" typical concrete floor slab thickness. Existing historic non-load bearing interior partitions are of hollow tile with plaster finish each side. New non-load bearing interior walls are of constructed primarily of gyp. bd. on metal studs.

EXEMPTIONS

IBC Section 3409 - Historic Buildings Provisions from IEBC.

OCCUPANCY/ STRUCTURAL CLASSIFICATION

Group "B" - Business; Civic Administration (304.1)
Municipal Courtroom on Ground Floor "A-3" Assembly space less than 50 occupants shall be identified as Group "B" (303.1.2)

BUILDING HEIGHTS AND AREAS

Allowable

City Hall - 6 stories; Building Height 85'-0"
Type B Occupancy - 5 stories not to exceed 65'-0" above grade, 28,500 SF per floor (Table 503).
Automatic sprinkler and frontage increase by 20 feet and maximum number of stories increased by one (504.2).
County Courthouse Carport on adjacent east lot - Type U Occupancy, limited to 1-story and 1,000sf (406.3.1). Actual: 1-story, 850 sf.

Actual

3 stories above grade; Total Building Height 39'-6" above grade

Basement	4,392 SF
First Floor	8,582 SF
Second Floor	6,151 SF
Third Floor	2,189 SF
Total	21,314 GSF

OCCUPANCY TYPE

B - Non Separated Occupancies — Section 508.3.3

GENERAL BUILDING LIMITATIONS

Construction Type III B — Section 602

STRUCTURAL FIRE RATINGS

1-hour substitution for sprinklered building — Table 601

Primary Structural Frame:	0
Bearing exterior walls:	2
Bearing interior walls:	0
Nonbearing exterior walls & partitions (Table 602):	
East walls <5' next to Co. Courthouse Carport	1
East walls >30' to Co. Courthouse Building	0
North, South, West >30'	0
Nonbearing interior walls & partitions:	0
Floor construction including supporting beams & joists:	0
Roof construction including supporting beams & joists:	0

SPECIAL AGREEMENTS

None.

WATER SUPPLY - FLOW TESTS:

Static:	N/A	Date:	N/A
Residual:	N/A	Location:	N/A
Flow:	N/A		

MEANS OF EGRESS:

Egress Width Factor with Sprinkler System for Stairs (Section 1005.3.1): .2
36" minimum width between handrails with occupant load less than 50. (Section 1009.4, Exception 1)
(note: accessible stair egress width minimum of 48" is not required in fully sprinklered buildings.)

Egress Width Factor with Sprinkler System for doors and openings (Section 1005.3.2): .15

Existing Stairs:
(2012 IEBC Sect. 403.1; Exception 1 - existing stairways not required to comply with IBC sect. 1009 where construction does not allow a reduction in pitch or slope. Exemption 2 - handrail extensions not required where extensions would be hazardous due to plan configuration)
Exterior West Stairs:
Guardrails (Sect. 1013.2) - Existing non-compliant condition, rails added to improve condition
Riser height and tread depth (Sect. 1009.7.2) - Two lower runs and landing to remain/existing non-compliant condition, Top step at door modified to improve conditions
Handrails (Sect. 1012) - modified to meet requirements
Interior Stairs:
Riser height and tread depth (Sect. 1009.7.2) - Existing non-compliant condition
Handrails (Sect. 1012) - modified to meet requirements

Common Path of Egress Travel (Table 1014.3)
B Occ. with sprinkler system 903.3.1.1 not to exceed 100 feet

Number of Exits from Spaces (Table 1015.1):
B Occupancy with no spaces more than 49 occupants and do not exceed the common path of egress travel distance allowed: 1 exit

Exit Access Travel Distance (Table 1016.2):
B Occupancy with sprinkler system shall not exceed 300 feet

Corridors (Section 1018):
Not rated with sprinkler system 903.3.1.1.

Exit Requirements from Spaces (Section 1021.1):
Basement: 2 required
1st Floor: 2 required
2nd Floor: 2 required
3rd Floor: 1 required (Per 2021.2, 3rd floor does not meet any of the requirements to require two exits from story; in addition, spaces on 3rd floor exit access to an exit stairway discharging directly to the exterior at the level of exit discharge. (Section 1021.2.1)

Exit Access & Exit Access Doorways (Section 1021.2):
Existing Non-conforming Condition (2nd Floor Exit Stair Access and Exit Stair closer than 1/3 diagonal of 2nd floor)

Exit Discharge, Exemption 1 (Section 1027.1):
West stair utilizing - 50% of interior exit stairways permitted to egress through areas on the level of exit discharge.
Basement Floor stair to 1st Floor: Requirements met
2nd Floor stair to 1st Floor: Existing non-compliant due to "exit is not readily visible and identifiable from point of termination of enclosure" - Additional exiting signage provided leading to exits.

EXITING OCCUPANCY LOAD TABULATION

FLOOR LEVEL	OCCUPANCY	LOAD
BASEMENT	B	70
FIRST FLOOR	B	178
SECOND FLOOR	B	98
THIRD FLOOR	B	7
TOTAL EXITING OCCUPANT LOAD		353

ACTIVE LIFE SAFETY SYSTEMS:

Fire Alarm:	Required/ Provided: Simplex Addressable, Voice Required/ Provided: 4100u connected via fiber to 911
Remote Annunciator Panel:	Required/Provided
Smoke Detection:	Not Required/Not Provided
Exit Signs:	Required / Provided: Powered by generator
Emergency Lights:	Required / Provided: Powered by generator
Backup Power:	Required / Provided
Suppression-Standpipes:	Required / Not Provided, Existing Non-conforming Condition (Existing distance from street to 3rd Floor 31'-6" > 30')
Suppression-Automatic	Required / Provided; Automatic sprinkler system in accordance with Section 903.3.1.1
Fire Extinguishers:	Required / Provided; Per NFPA 10

PASSIVE LIFE SAFETY SYSTEMS:

Corridor ratings:	None required
Occupancy Separations:	None required
Fire / Party Walls (Section 706):	New southeast City Hall addition located on lot line and less than 1' from County Courthouse Carport. For B occupancy 3 hour fire-resistance rating.
Vertical Openings (Section 712):	
Stairwells:	1 hour for less than 4 stories 2 hours for 4 stories or more
Shafts / Ducts:	1 hour rating for less than 4 stories: Ducts and Air Transfer Openings connecting not more than 2-Stories through Nonfire-resistance-rated Floor Assemblies - Alternate method no. 2 under Section 717.6.3 used, no floor damper required 2 hour rating for 4 stories or more: Shaft enclosure method under Section 713 Fire dampers at penetrations through fire-rated construction 1.5 hours for less than 3-hour fire-resistance-rated assemblies (Table 717.3.2.1)
Opening Fire Protection (Table 716.5):	
Door Assembly Ratings:	
1 Hour Fire Barriers - 60 minutes min.	
2 Hour Fire Barriers - 90 minutes min.	

FIXTURE COUNT

(IBC Table 403.1)
Group B Occupancy: 356 occupants total (178 occupants per sex)

Minimum Required:

Water Closets (men)	(50/25) + (128/50)	= 4.56; 5 required (per sex)
Lavatories	(80/40) + (98/80)	= 3.23; 4 required (per sex)
Drinking Fountain	356/100	= 3.56; 4 required (total)
Service Sink	1 required	= 1 required (total)

Summary - Actual	Total Required	Total Provided
Water Closets (per sex)	5	5
Water Closets (unisex)	-	6
Lavatories (per sex)	4	4
Lavatories (unisex)	-	6
Drinking Fountains	4	4
Service Sink	1	2

Actual Fixtures per Floor Level:

Level 0	Total Provided
Water Closets w/1 Urinal substituted (men)	3
Water Closets (women)	3
Lavatories	4
Drinking Fountain	0
Service Sink	1

Level 1	Total Provided
Water Closets (unisex)	4
Water Closets (men)	1
Water Closets (women)	1
Lavatories	6
Drinking Fountain	2
Service Sink	1

Level 2	Total Required	Total Provided
Water Closets (unisex)		2
Water Closets (men)		1
Water Closets (women)		1
Lavatories		4
Drinking Fountain		2
Service Sink		0

Level 3	Total Required	Total Provided
No Plumbing fixtures		

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REVISIONS

NO	DESCRIPTION	DATE

G001

CODE PLAN

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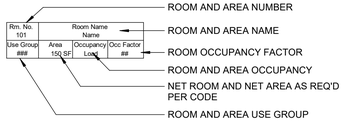
LIFE SAFETY LEGEND

ROOM USE OCCUPANCY LOAD



EGRESS COMPONENT CAPACITY

EXIT - EXTERIOR

EXIT - INTERIOR

STAIR 6 / 1.2" 34" — STAIR OCCUPANTS / REQUIRED WIDTH PROVIDED "CLEAR" WIDTH

6 / .9" 34" — OCCUPANTS / REQUIRED WIDTH PROVIDED "CLEAR" WIDTH

PATH — MAXIMUM TRAVEL DISTANCE FROM FURTHEST POINT IN A SPACE

SYMBOLS

HOSE CABINET

FIRE EXTINGUISHER

KNOX BOX - Fire department keeps keys

LIFE SAFETY FIRE WALL GRAPHICS

0 HR FRR "SMOKE PARTITION"

1 HR FRR "FIRE BARRIER"
1 hour Fire Barrier wall construction. 3/4-hour rated door assembly. Fire Dampers. (edit f.d. requirement for sprinklered buildings)

1 HR FRR "SMOKE BARRIER"

2 HR FRR "FIRE BARRIER"
2-hour Fire Barrier wall construction. No openings other than required exit doors. 1 1/2-hour door assembly.

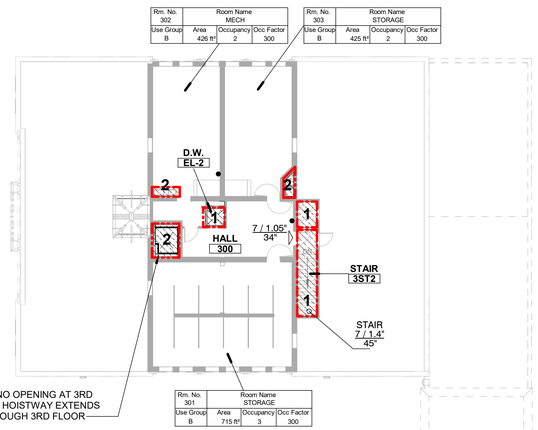
2 HR FRR "FIRE WALL"

2 HR FRR "SMOKE BARRIER"

3 HR FRR "FIRE BARRIER"
3 hour Fire Barrier wall construction. 3-hour rated door assembly. Fire Dampers.

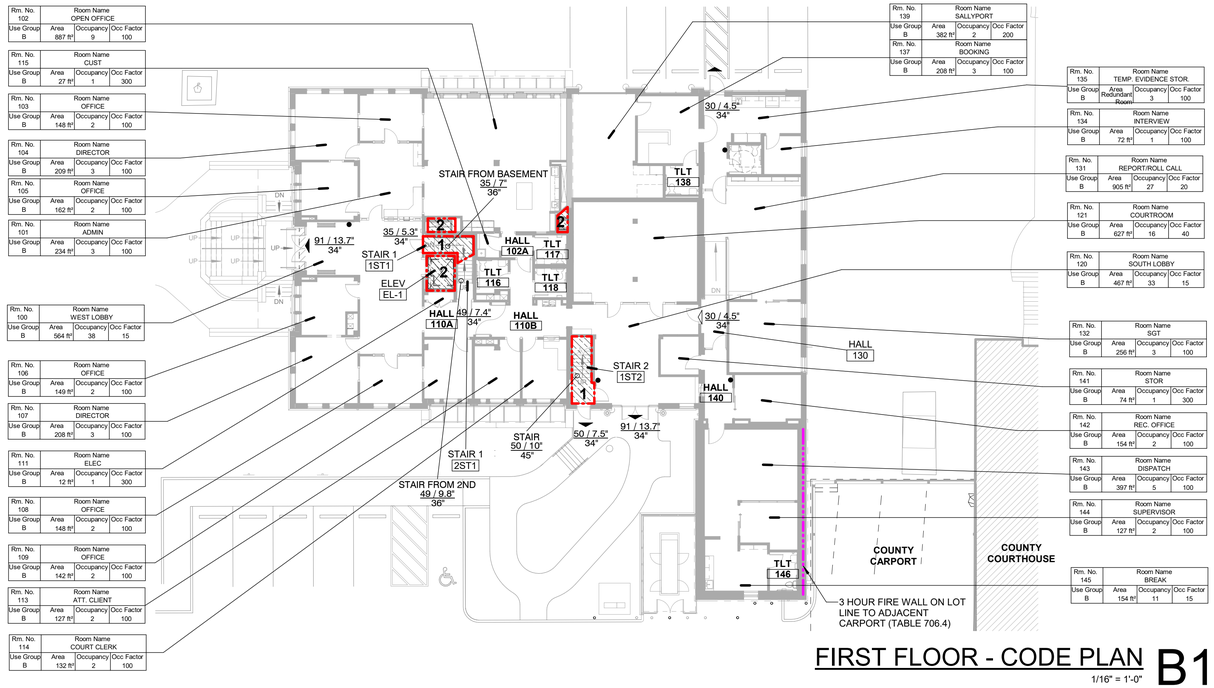
3 HR FRR "FIRE WALL"

1	1 HOUR EXIT ENCLOSURE (vertical) (stairwell - 3 stories)	1-hour Fire Barrier wall construction. No openings other than required exit doors. 1-hour door assembly.
2	2 HOUR EXIT ENCLOSURE (vertical) (stairwell - 4 stories)	2-hour Fire Barrier wall construction. No openings other than required exit doors. 1 1/2-hour door assembly.
1	1 HOUR SHAFT (3 Stories or more)	1-hour Fire Barrier wall construction. 3/4-hour door assembly. Fire/Smoke Dampers.
2	2 HOUR SHAFT (4 Stories or more)	2-hour Fire Barrier wall construction. 1 1/2-hour door assembly. Fire/Smoke Dampers.



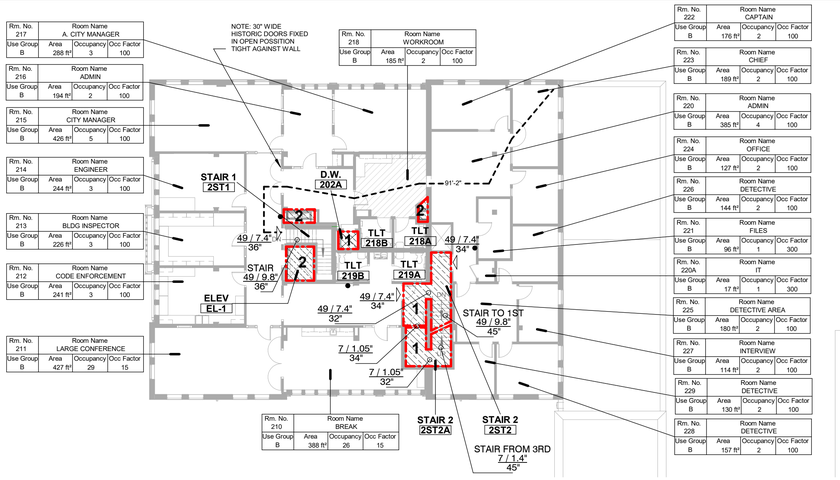
THIRD FLOOR - CODE PLAN B3

1/16" = 1'-0"



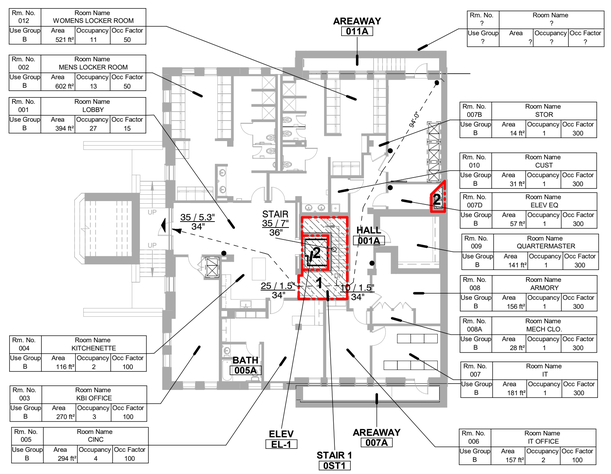
FIRST FLOOR - CODE PLAN B1

1/16" = 1'-0"



SECOND FLOOR - CODE PLAN A3

1/16" = 1'-0"



BASEMENT - CODE PLAN A1

1/16" = 1'-0"

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REVISIONS

NO	DESCRIPTION	DATE

G002

CODE PLAN

TreanorHL NO. HP0559.1901.00

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GENERAL NOTES:

1. CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS FOR THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
2. SITE WORK MUST ALSO COMPLY WITH APPLICABLE ENVIRONMENTAL REQUIREMENTS.
3. ON-SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. CONSTRUCTION IN THE CITY R.O.W. AND/OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF INDEPENDENCE, KANSAS STANDARD SPECIFICATIONS, AS AMENDED.
5. WHEN REQUIRED, CONTRACTOR SHALL REMOVE PAVEMENT IN ACCORDANCE WITH THE KANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION.
6. THE CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION ADJUSTMENTS OR RELOCATION OF EXISTING UTILITIES.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENT DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO DRAINAGE STRUCTURES, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
8. THE CONTRACTOR SHALL PROTECT BENCHMARKS AND PROPERTY MONUMENTATION AND SHALL REPLACE OR REPAIR, AT HIS/HER OWN EXPENSE. BENCHMARKS AND MONUMENTATION DISTURBED DURING CONSTRUCTION.
9. IF THE CONTRACTOR RELOCATES OR SETS NEW BENCHMARKS, THE VERTICAL ELEVATION OF THE BENCHMARKS SHALL BE SET WITHIN A TOLERANCE OF 0.010 FEET.
10. DIMENSIONS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
11. STRIPING, PAVEMENT MARKINGS, AND TRAFFIC SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, UNLESS OTHERWISE NOTED ON THE PLANS.
12. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND DAMAGES WHICH OCCUR DUE TO HIS/HER FAILURE TO LOCATE AND PRESERVE ANY AND UTILITIES.
13. AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO ORIGINAL GRADES UNLESS OTHERWISE NOTED.

DEMOLITION NOTES

1. WORK TO BE ACCOMPLISHED IN STRICT ACCORDANCE WITH LOCAL ORDINANCES, CITY OR STATE.
2. WITHIN THE SUBJECT PROPERTY, THE INTENT IS TO HAVE A CLEAN, CLEAR SITE, FREE OF EXISTING ITEMS NOTED TO BE REMOVED IN ORDER TO PERMIT THE CONSTRUCTION OF THE NEW PROJECT.
3. FOR STRUCTURES NOTED TO BE REMOVED – REMOVE UTILITIES SHOWN OR NOT. CUT AND CAP UNDERGROUND LINES AT THE PROPERTY LINE UNLESS OTHERWISE NOTED.
4. FOR ITEMS NOTED TO BE REMOVED – REMOVE NOT ONLY THE ABOVE GROUND ELEMENTS, BUT UNDERGROUND ELEMENTS AS WELL INCLUDING BUT NOT NECESSARILY LIMITED TO: FOUNDATIONS, GRAVEL FILLS, TREE ROOTS, OLD PIPE, ETC.
5. BACKFILL EXCAVATIONS RESULTING FROM THE DEMOLITION WORK TO MEET THE REQUIREMENTS FOR FILL OUTLINED IN THE PROJECT SOILS REPORT.
6. TREES OUTSIDE OF THE LIMITS OF DISTURBANCE, AS SHOWN ON SHEET C100 SHALL REMAIN, UNLESS OTHERWISE NOTED.

EROSION CONTROL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF EROSION CONTROL. CONTRACTOR SHALL PROVIDE A COPY OF THE EROSION CONTROL PLAN TO CONTRACTORS AND UTILITIES PRIOR TO ANY WORK WITHIN THE DEVELOPMENT. CONTRACTOR MAY INPART CONVEY RESPONSIBILITY FOR INSPECTION, MAINTENANCE, AND REMEDIATION TO UTILITY COMPANIES FOR WORK UNDER THEIR CONTROL.
2. CONTRACTOR WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF SOIL TRACKED ON PAVED STREETS.
3. INSPECTION OF EROSION CONTROL SHALL OCCUR AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF ONE HALF OF AN INCH OR GREATER AS MEASURED AT THE SITE. ANY DEFICIENCIES SHALL BE NOTED IN A REPORT OF THE INSPECTION AND CORRECTED WITHIN SEVEN CALENDAR DAYS OF THE INSPECTION. THE OWNER SHALL PROMPTLY NOTIFY THE SITE CONTRACTORS RESPONSIBLE FOR OPERATION AND MAINTENANCE OF EROSION CONTROL DEFICIENCIES.
4. MAINTENANCE OF EROSION CONTROL SHALL INCLUDE NECESSARY REPAIRS, REMOVAL OF SEDIMENT, AND ANY NECESSARY MODIFICATIONS.
5. SILT FENCE WILL BE INSTALLED AS SHOWN ON SHEET C100 WITH MODIFICATIONS (AS APPROVED BY THE OWNER) AS NECESSARY AT THE TIME OF INSTALLATION TO FIT EXISTING CONDITIONS.
6. TOPSOIL MUST BE STOCKPILED UPSTREAM OF SILT FENCE.
7. SILT FENCE SHALL BE RELOCATED IMMEDIATELY DOWNSTREAM OF ANY ADDITIONAL GRADING OR TRENCHING REQUIRED TO COMPLETE WORK SHOWN ON THESE PLANS.
8. SOIL STOCKPILES OR OTHER AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ACTIVITIES WHICH WILL REMAIN FOR PERIODS GREATER THAN THREE WEEKS SHALL BE STABILIZED BY SEEDING OR OTHER ACCEPTABLE MEANS.
9. FOR DISTURBED AREAS, STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY MAINTAINING THE EROSION CONTROL, OR STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING METHOD. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 21 DAYS.
10. UPON FINAL GRADING, DISTURBED AREAS SHALL BE STABILIZED BY SEEDING AND MULCHING WITHIN TWO WEEKS. WHEN THIS OCCURS OUTSIDE THE STANDARD SPECIFICATION SEEDING DATES, SEED SHALL CONSIST OF TEMPORARY COVER CROP OF ANNUAL RYE OR WHEAT. OTHER DISTURBED AREAS NOT EXPECTED TO BE SUBSEQUENTLY DISTURBED WITHIN THE FOLLOWING 6 WEEKS SHALL BE SEEDED WITH A TEMPORARY COVER CROP OF ANNUAL RYE OR WHEAT.
11. EROSION CONTROL SHALL REMAIN IN PLACE UNTIL UPSTREAM VEGETATIVE COVER IS ESTABLISHED UNLESS OTHERWISE APPROVED BY THE ENGINEER.

STORM AND SANITARY SEWER NOTES

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND/OR ORDER FORMS FOR SANITARY SEWER AND STORM SEWER STRUCTURES, INCLUDING NYLOPLAST DRAIN BASINS (OR APPROVED EQUAL), TO THE CIVIL ENGINEER FOR REVIEW PRIOR TO ORDERING.
2. NYLOPLAST BASINS (OR APPROVED EQUAL) SHALL HAVE A SUMP INSERT.
3. MANHOLE, CLEANOUT AND VALVE COVERS AND INLET GRATES SHALL HAVE A CONCRETE COLLAR PER THE UTILITY DETAIL SHEET. NYLOPLAST AREA DRAINS SHALL HAVE A CIRCULAR CONCRETE COLLAR WHICH EXTENDS 6" FROM THE EDGE OF CASTING ON ALLSIDES, EXCEPT FOR THE AREA DRAINS IN ARTIFICIAL TURF AREAS.
4. CAST IRON COVERS FOR MANHOLES, WATER VALVES, CLEANOUTS, AND INLETS SHALL BE KEPT CLEAN OF CONCRETE SPILLAGE. THIS MAY BE ACHIEVED BY PLACING THE COVER IN A PLASTIC BAG DURING CONCRETE POUR.
5. CURB INLETS SHALL HAVE LOCKING STYLE HIGH-FLOW VANE GRATE. THE RECEIVING SIDE OF THE GRATE SHALL BE ORIENTED TOWARD THE DIRECTION OF THE GREATER SURFACE FLOW.
6. CURB INLETS SHALL BE FITTED WITH A CATCH-IT TEMPORARY SEDIMENT FILTER (OR APPROVED EQUAL) SIZED TO FIT THE INLET. FILTERS SHALL REMAIN IN PLACE UNTIL FINAL SITE STABILIZATION HAS BEEN ACHIEVED.
7. HDPE STORM SEWER PIPE AND FITTINGS SHALL BE ADS N-12 SOIL TITE, RIGID, DUAL WALL WITH SMOOTH INTERIOR (OR APPROVED EQUAL), EXCEPT WHERE OTHERWISE NOTED. FLEXIBLE PIPE IS NOT ALLOWED.
8. PVC STORM SEWER PIPE AND FITTINGS SHALL BE PUSH-TOGETHER SDR35 PVC WITH GASKETED JOINTS.
9. SANITARY SEWER PIPE SHALL BE PUSH-TOGETHER SDR26 PVC WITH GASKETED JOINTS. PIPE FOR CLEANOUTS SHALL BE AS SPECIFIED ON THE CLEANOUT DETAIL.
10. THE NORTHING AND EASTING COORDINATES ON THE PLANS INDICATE THE CENTER POINT OF A STRUCTURE OR CLEANOUT RISER, OR THE POINT ON A FITTING WHERE THE PIPE CENTERLINES INTERSECT. THE COORDINATE FOR A FLARED END SECTION IS AT THE MIDPOINT OF THE OUTFLOW END.
11. UNDERDRAIN PIPING SHALL BE PERFORATED SDR35 PVC WRAPPED IN A FILTER SOCK.

UTILITY NOTES:

1. TOPOGRAPHIC INFORMATION SHOWN IS BASED ON A FIELD SURVEY COMPLETED BY CORNERSTONE REGIONAL SURVEYING LLC. ON JUNE 13, 2021 . IF THE CONTRACTOR FINDS A DISCREPANCY BETWEEN THE PLANS AND FIELD CONDITIONS, THEY SHALL NOTIFY THE CIVIL ENGINEER IMMEDIATELY.
2. AN ATTEMPT HAS BEEN MADE TO LOCATE UTILITY MANHOLES, METER COVERS, AND OTHER SUCH UTILITY ITEMS FROM SURVEY INFORMATION. UNDERGROUND UTILITY LINES AND STRUCTURES SHOWN ARE PER RECORDS MADE AVAILABLE BY THE OWNER, UTILITY COMPANY OR MUNICIPALITY, AND BY FIELD OBSERVATION WHERE POSSIBLE. MUNICIPALITIES AND UTILITY COMPANIES SHOULD BE NOTIFIED BY CONTRACTOR FOR FIELD LOCATION OF UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF UTILITIES, INCLUDING SERVICE LINES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT KANSAS ONE CALL (811) OR (1-800-DIG SAFE) AS WELL AS THE CITY OF INDEPENDENCE PUBLIC WORKS (816-325-7600) AND AT LEAST 48 HOURS BEFORE THE START OF WORK AND VERIFY EXISTING UTILITY LOCATIONS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF INFORMATION SHOWN ON PLANS.
4. LOCATION OF UTILITIES IS NOT GUARANTEED AND THE CONTRACTOR SHALL USE EXTREME CAUTION DURING EXCAVATION, USING HAND EXCAVATION AS NECESSARY TO LOCATE AND PROTECT UTILITY LINES.
5. REPAIR OF UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING & APPLYING FOR UTILITY SERVICE WITH EACH UTILITY PROVIDER PRIOR TO STARTING CONSTRUCTION. OWNER TO REIMBURSE GENERAL CONTRACTOR FOR SANITARY SEWER, GAS AND WATER TAP FEES.
7. COORDINATION WITH THE RESPECTIVE UTILITY COMPANIES SHALL BE PERFORMED BY THE CONTRACTOR TO INSURE THAT UTILITY COMPANY, LOCAL MUNICIPALITY AND LOCAL COUNTY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
8. THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS AND MAIN SERVICE RELOCATIONS. THE CONTRACTOR SHALL COORDINATE THE WORK TO BE PERFORMED BY THE VARIOUS UTILITY COMPANIES AND SECURE PERMITS AND PAY FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS AND DEMOLITION AS NECESSARY
9. UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL IN ACCORDANCE WITH THE APPROPRIATE UTILITY COMPANY, LOCAL MUNICIPALITY AND/OR LOCAL COUNTY REQUIREMENTS.
10. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY COMPANY AND LOCAL AGENCY REVIEW.
11. CONTRACTOR SHALL PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS.
12. CONTRACTOR SHALL PROVIDE BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB-OUTS.
13. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE UTILITY COVERS WITHIN THE PROJECT LIMITS AND ADJUST THOSE ITEMS TO BE AT THE FINISHED GRADES IN EITHER THE SIDEWALK OR PAVEMENT AREAS WITHOUT ADDITIONAL COST TO THE OWNER. THE RELOCATION OF SUCH ITEMS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
14. COST OF DEMOLITION AND REPLACEMENT OF EXISTING IMPROVEMENTS REQUIRED FOR UTILITY CONSTRUCTION SHALL BE SUBSIDIARY TO AND INCLUDED IN THE UNIT PRICE FOR UTILITY CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ANY STRUCTURE, PIPE, PAVEMENT, CURBS, SIDEWALKS, APPROPRIATE LANDSCAPE AREAS, ETC. DISTURBED DURING CONSTRUCTION TO THE ORIGINAL CONDITION OR BETTER.
15. IN THE EVENT OF CONFLICT OF ANY REQUIREMENTS OR PROVISIONS OF THE WORK INDICATED HEREIN, TREANORHL SHALL BE NOTIFIED IMMEDIATELY FOR A DETERMINATION OF THE PLAN REQUIREMENTS AND INTENT THEREOF.
16. SEE THE MECHANICAL, ELECTRICAL AND PLUMBING SITE PLAN(S) FOR ADDITIONAL SITE UTILITIES AND SITE LIGHTNING.

GRADING NOTE:

1. CONTRACTOR SHALL ENSURE THAT ALL AREAS OF THE SITE MAINTAIN POSITIVE DRAINAGE AND THAT TRANSITIONS BETWEEN PROPOSED CURBS AND EXISTING CURBS AND BETWEEN DIFFERENT CURB AND GUTTER TYPES ALLOW FOR POSITIVE DRAINAGE AND WILL NOT CAUSE PONDING.
2. CONTRACTOR SHALL ENSURE FINAL GRADING ADJACENT TO SIDEWALKS AND PAVED AREAS THAT ABUT AREAS DESIGNATED FOR SOD ARE LOWER THAN THE TOP OF PAVING SUCH THAT INSTALLED SOD DOES NOT CREATE A DAM/OBSTRUCTION ALONG THE PAVING, RESULTING IN PONDING WATER ATOP PAVED SURFACES. ANY AREAS WITH PONDING WATER SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.

LANDSCAPE NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING REQUIRED LANDSCAPING FOR THE ENTIRE SITE, TO INCLUDE BUT NOT LIMITED TO: SEEDED AREAS, SODDED AREAS, NATIVE VEGETATION, SHRUB BEDS, PARKING LOT ISLANDS.
2. PLANT SUBSTITUTIONS TO BE APPROVED BY PROJECT LANDSCAPE ARCHITECT.
3. CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND ORDINANCES REGARDING LANDSCAPING.
4. REFER TO SPECIFICATIONS FOR PLANT MATERIAL AND INSTALLATION METHODS.
5. PLANT MATERIAL SHALL COMPLY WITH SIZING AND GRADING STANDARDS OF LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK".
6. INSTALLATION OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS.
7. DISTURBED AREAS NOT DESIGNATED AS PAVEMENT, OR PLANTING BEDS, SHALL BE SODDED WITH TURF GRASS OR APPROVED EQUAL AT THE DIRECTION OF THE OWNER. NEW TOPSOIL IS ONLY NECESSARY IF THE SOIL IS ROCKY OR VERY POOR. TOPSOIL AREAS AND SODDED AREAS SHALL BE FINE GRADED AND RAKED. REMOVING RIDGES AND FILLING DEPRESSIONS AS REQUIRED TO MEET FINISHED GRADES AND CREATE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
8. TURF AREA SHALL BE TREATED WITH FERTILIZER APPLIED AT A RATE OF 1 POUND PER 1,000 SQUARE FEET.
9. PLANTING BEDS SHALL BE COVERED WITH AN APPROVED WEED BARRIER MAT PRIOR TO DECORATIVE ROCK/ MULCH PLACEMENT.
10. OPEN AREAS WITHIN PLANTING BEDS SHALL BE MULCHED AND DRESSED WITH 3" DOUBLE SHREDDED HARDWOOD MULCH. PINE STRAW OR EQUIVALENT IS NOT AN ACCEPTABLE MULCH.
11. REMOVE TWINE, WIRE, AND BURLAP FROM TREE AND SHRUB ROOT BALLS. REMOVE PLASTIC WRAP, FABRIC ROPE, ROT PROOF WRAP, AND PLANT IDENTIFICATION TAGS.
12. TREES AND SHRUBS TO BE PLANTED IN MULCH BEDS WITH EDGE STRIPS TO SEPARATE TURF GRASS AREAS.
13. STAKE TREES WITH A MINIMUM OF TWO (2) STAKES. STAKES TO BE REMOVED AFTER ONE (1) YEAR OF INSTALLATION.
14. FINISHED GRADES IN LANDSCAPE ISLANDS AND PENINSULAS SHALL BE INSTALLED SO THAT THEY ARE ONE INCH LOWER THAN THE TOP OF SURROUNDING CURB.
15. CONTRACTOR SHALL PROVIDE NATURAL TOPSOIL THAT IS FERTILE, FRIABLE, WITHOUT MIXTURE OF SUBSOIL MATERIALS, AND OBTAINED FROM A WELL DRAINED, AVAILABLE SITE. IT SHALL NOT CONTAIN SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE SCREENED AND FREE FROM CLAY, LUMPS, STONES, ROOTS, PLANTS, OR SIMILAR SUBSTANCES 1" OR MORE IN DIAMETER, DEBRIS, OR OTHER OBJECTS WHICH MIGHT BE A HINDRANCE TO PLANTING OPERATIONS. TOPSOIL SHALL CONTAIN AT LEAST 4-6% ORGANIC MATTER BY WEIGHT AND HAVE A PH RANGE OF 5.5 TO 7.0.
16. GENERAL CONTRACTOR IS TO CLEAN ENTIRE SITE OF CONSTRUCTION DEBRIS AND RAKE GRASS AREAS. GRASS TO BE LEVEL, ROLLED AND MOWABLE.
17. CONTRACTOR TO VERIFY QUANTITIES PRIOR TO COMMENCING WORK.
18. LANDSCAPE PLANT MATERIAL TO BE GUARANTEED FOR ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE.
19. DISEASED, DAMAGED OR DEAD PLANT MATERIALS SHALL BE REPLACED IN ACCORDANCE WITH SPECIFICATIONS.
20. AREAS WITH SLOPES GREATER THAN 4:1 SHALL BE COVERED WITH ECM (EROSION CONTROL MATTING) NORTH AMERICAN GREEN BioNet SC150BN OR APPROVED EQUAL, INSTALLED BY MANUFACTURER'S RECOMMENDATIONS.

IRRIGATION NOTES:

1. DELEGATED DESIGN – CONTRACTOR SHALL PROVIDE DESIGN DRAWINGS PREPARED BY A QUALIFIED DESIGN PROFESSIONAL FOR REVIEW AND APPROVAL BY THE OWNER AND CIVIL ENGINEER/LANDSCAPE ARCHITECT. REFER TO THE PROJECT SPECIFICATIONS FOR DESIGN REQUIREMENTS.
2. A PERMANENT IRRIGATION SYSTEM AND WATERING CONNECTIONS FOR TEMPORARY IRRIGATION SHALL BE PROVIDED..
3. WATERING SHALL BE PROVIDED FOR THE ESTABLISHMENT PERIOD TO ALL VEGETATION.
4. PERMANENT IRRIGATION DESIGN DRAWINGS SHALL BE PREPARED BY A QUALIFIED DESIGN PROFESSIONAL PRIOR TO INSTALLATION.
5. INSTALL 1-1/2" DIAMETER PVC PIPE SLEEVES WHERE IRRIGATION LINES CROSS OR ARE UNDER PAVEMENT.

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NO	DESCRIPTION	DATE

C001

GENERAL NOTES

TreanorHL NO. HP0559.1901.70

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Possible Encroachments

(AA) NONE

Miscellaneous Notes

(A) The bearings shown hereon are based upon the Kansas State Plane Coordinate South Zone.

(B) This survey does not reflect any easements, rights–of–way or other instruments of record except those shown on the current Title Commitment.

(C) Underground utilities are shown by above ground markings provided by others.

(D) There were no observed earth moving, building construction or building additions in the process of conducting the fieldwork.

(E) There is no evidence of subject site being used as a solid waste dump or sanitary land fill.

(F) There is no evidence of subject site being used as a burial ground or cemetery.

(G) Vertical Datum: Benchmark – Disc set vertical at Northwest corner of court house through hole in new stone facing.
Elevation 826.69

(H) There are no known street right–of–way changes.

(I) There were no recent observed street or sidewalk construction or repairs.

(J) The subject property does not lie with in a wetland.

(K) Subject property has direct access to E. Myrtle Street and N. 6th Street, public right–of–ways.

Zoning Information

TO BE PROVIDED BY THE CLIENT.

Utility Information

Please Kansas One-Call before digging. 1-800-DIG-SAFE
One call ticket number 21277037, dated 6-03-21.

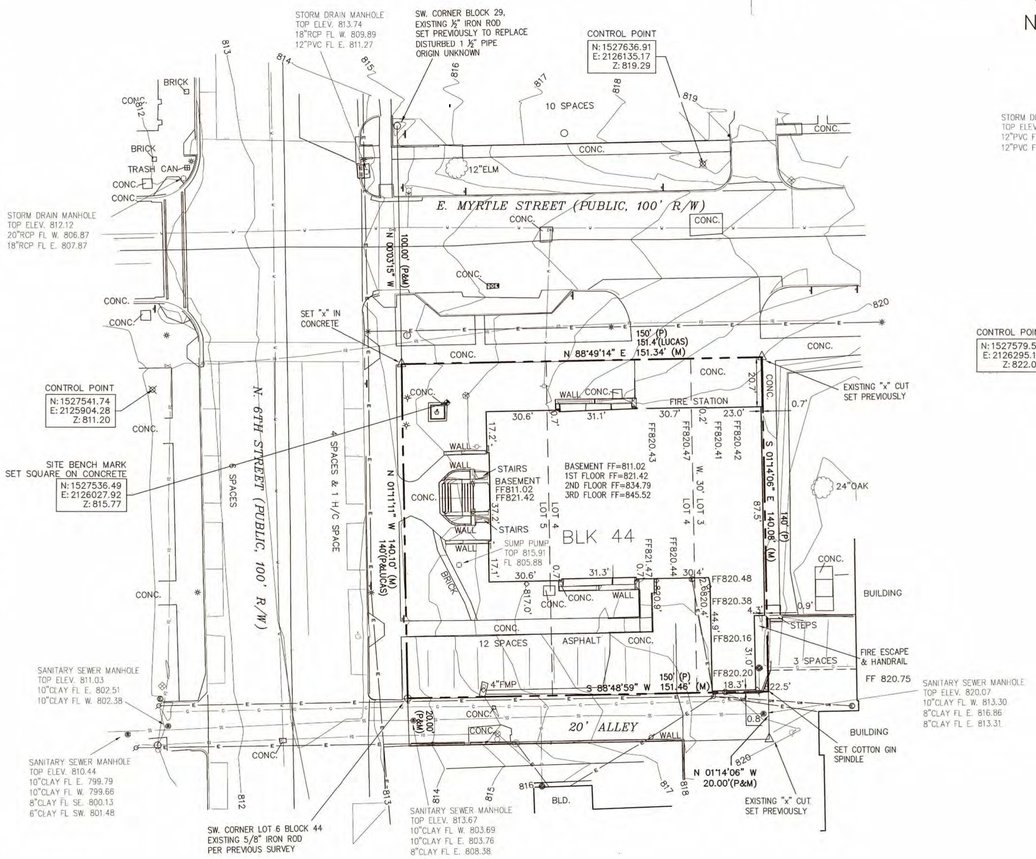
ATMOS ENERGY	866-322-8667
ATT DISTRIBUTION	800-778-9140
CABLE ONE OF INDEP.	800-691-3978
CITY OF INDEPENDENCE	620-332-2507
EVERGY	
KANSAS FIBER NETWORK	

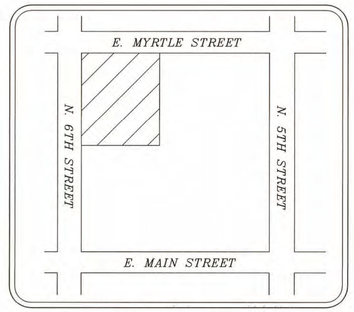
Flood Note

This property is not in a Special Flood Hazard Zone according to Flood Insurance Rate Map, Community Number 20125C0255D, effective date June 20, 2019. Located in Zone "X".

0 30 60 90

SCALE : 1" = 30'





Vicinity Map
Not To Scale

STORM DRAIN BOX
TOP ELEV. 821.92
12"PVC FL S. 816.72
12"PVC FL W. 816.53

CONTROL POINT
N: 1527579.52
E: 2126295.12
Z: 822.07

Commitment Legal Description

The West 30 feet of Lot 3 and all of Lots 4 and 5, Block 44, Original to the City of Independence, Montgomery County, Kansas

The land surveyed is identical to the insured premises described in the Security 1st Title, Commitment no. 2450148, dated May 6, 2021 at 7:30 am

Items Corresponding to Schedule B

NONE

ALTA/NSPS Land Title Survey

To:

Washington Historic Residences, LLC, a Kansas limited liability company
Aegon LIHTC Fund 55, LLC, a Delaware limited liability company, and its successors and assigns
Transamerica Affordable Housing, Inc., a California corporation, and its successors and assigns
BOKF, NA d/b/a MoBank, and its successors and/or assigns
First American Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 6(b), 7(a), 7(b), 7(c), 8, 9, 10(a), 11, 13, 16, 17, 18, 19 and 20 of Table A thereof. The field work was completed in May 17, 2018.

WILLIAM ALLEN BOOE LICENSED LS-1046 KANSAS LAND SURVEYOR

6-12-21

William A. Booe, LS 1046

Legend of Symbols & Abbreviations

○	Existing Iron Rod with Origin Unknown (unless noted)	(M)	Measured Dimension
◉	Set 1/2"x24" Iron Rod/Cap Set Previously	(D)	Deed Dimension
△	Section Corner Origin Unknown (unless noted)	(P)	Plat Dimension
	Boundary Line	R/W	Right of Way
	Setback Line	FF	Finished Floor
	Fence	Conc.	Concrete
E E	Overhead Electric Line		Water Meter
W W	Water Line		Guy Wire
G G	Gas Line		Gas Meter
T T	Underground Telephone		Gas Valve
S S	Sanitary Sewer Line		Telephone Riser Box
•	Bollard		Sanitary Sewer Manhole
	Curb Inlet or Area Inlet		Sign
	Fire Hydrant		Light Pole
	Handicap Parking		Power Pole
	Telephone Manhole		Water Valve
	Storm Drain Manhole (unless noted)		Flag
			Tree
			Telephone Line Marker
			Stump
			Drain

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EXISTING CONDITIONS

TreanorHL NO. HP0559.1901.70

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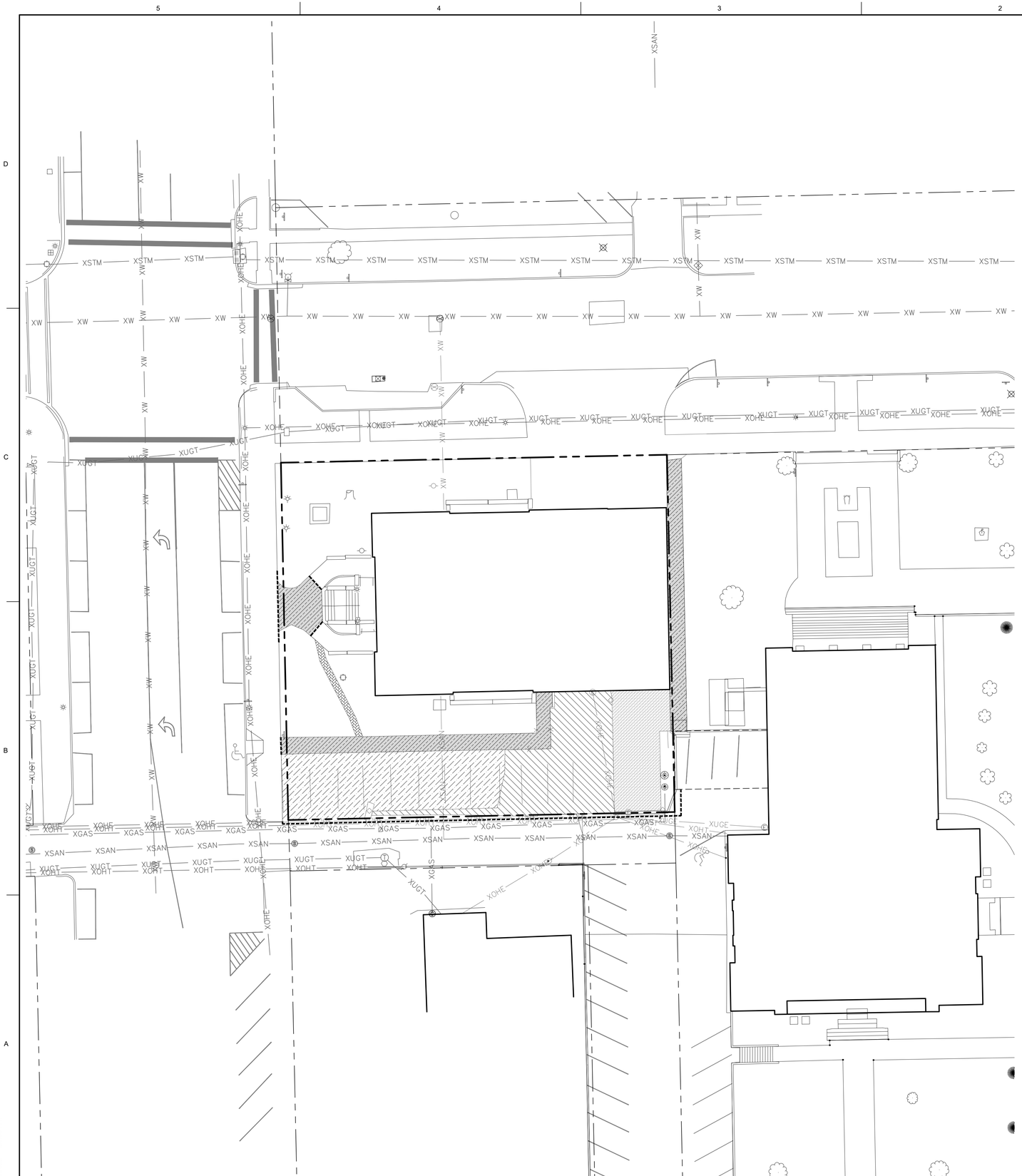

KEY NOTES:

0.0	**EXISTING TO REMAIN**	**DETAIL, SPEC OR REFERECE**
0.1	EXISTING SIDEWALK TO REMAIN	–
0.2	EXISTING PAVEMENT TO REMAIN	
0.3	EXISTING WATER VALVE TO REMAIN	
0.4	EXISTING RETAINING WALL TO REMAIN	
1.0	**REMOVALS**	**DETAIL, SPEC OR REFERECE**
1.1	REMOVE EXISTING BUILDING	–
1.1	REMOVE EXISTING SIDEWALK PAVEMENT	–
1.2	REMOVE 102 SF EXISTING PAVERS	–
1.3	REMOVE EXISTING PAVEMENT	–
1.4	REMOVE EXISTING CURB & GUTTER	–
1.5	REMOVE XX LF OVERHEAD ELECTRIC LINE; COORDINATE REMOVAL OF EXISTING UTILITY SERVICE WITH SERVICE PROVIDER	–
1.6	REMOVE XX LF OVERHEAD TELECOMM LINE; COORDINATE REMOVAL OF EXISTING UTILITY SERVICE WITH SERVICE PROVIDER	–
1.7	REMOVE EXISTING UTILITY POLE	
2.0	**SALVAGEABLES**	**DETAIL, SPEC OR REFERECE**
2.1	SALVAGE	–

DEMOLITION LEGEND

- EXISTING BUILDING TO BE REMOVED
- EXISTING PAVERS TO BE REMOVED
- SIDEWALK CONC. PAVEMENT TO BE REMOVED
- ASPHALT PAVEMENT TO BE REMOVED
- CURB & GUTTER TO BE REMOVED
- LIMITS OF DISTURBANCE
- SAW CUT FOR PVMT. REMOVALS
- PROPERTY LINE
- XCATV — EX. CABLE TV LINE
- XGAS — EX. GAS LINE
- XSAN — EX. SANITARY SEWER LINE
- XSTM — EX. STORM SEWER LINE
- XUGE — EX. UNDERGROUND ELECTRIC LINE
- XUGT — EX. UNDERGROUND TELEPHONE LINE
- XFO — EX. FIBER OPTIC LINE
- XW — EX. WATER LINE
- EX. FIRE HYDRANT
- EX. IRRIGATION CONTROL VALVE
- EX. LIGHT POLE
- EX. SANITARY SEWER MANHOLE
- EX. GAS METER
- EX. UTILITY POLE
- EX. WATER METER
- EX. WATER VALVE
- EXISTING SIGN
- EXISTING TREE
- EXISTING TREE TO BE REMOVED

N

SCALE: 1” = 20’

20 10 0 20 40

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DEMOLITION PLAN

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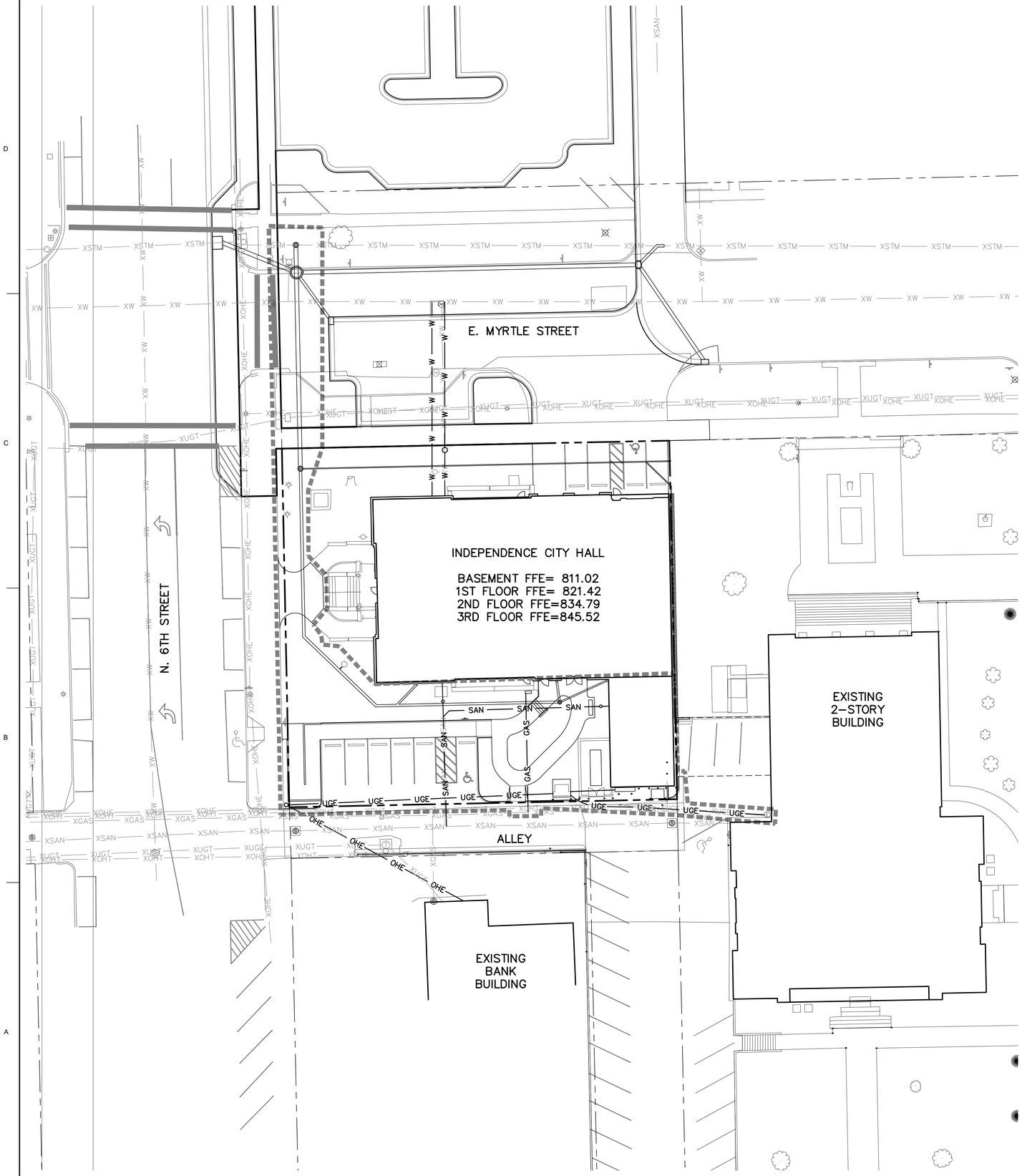

EROSION CONTROL KEY NOTES

1. CONSTRUCTION ENTRANCE/EXIT PER DETAIL XX; SHEET XXXX
2. CONCRETE WASHOUT PER DETAIL XX; SHEET XXXX
3. SILT FENCE PER DETAIL XX; SHEET XXXX

NOTE

1. REFER TO SHEET C001 FOR ADDITIONAL GENERAL NOTES AS WELL AS EROSION CONTROL NOTES AND REQUIREMENTS.

LEGEND

- SF — SILT FENCE
- GRAVEL CONSTRUCTION SITE ENTRANCE
- CONCRETE WASHOUT
- LIMITS OF DISTURBANCE

N

SCALE: 1" = 20'

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NO	DESCRIPTION	DATE

C101

EROSION CONTROL PLAN

TreanorHL NO. HP0559.1901.70

J:\LWCE0000.00.00 CIVIL PROJECTS\HP0559.1901.70 INDEPENDENCE CITY HALL PHASE 2\06_DRAWING\04_AUTOCAD\SHEETS\CD\CITY HALL\C101 EROSION CONTROL PLAN.DWG
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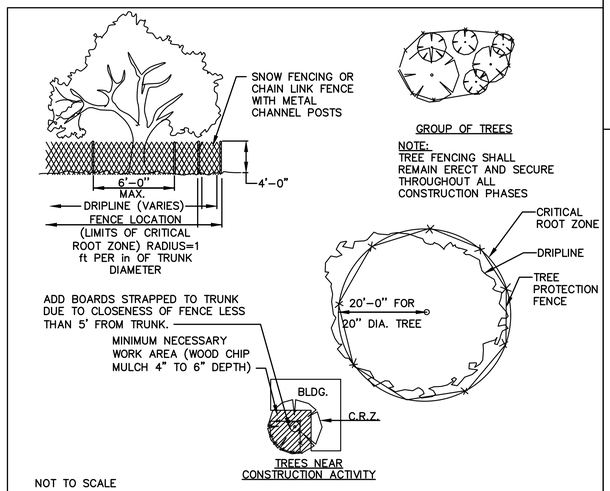

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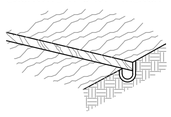
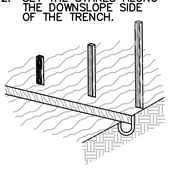
C1 | TREE PROTECTION DETAIL

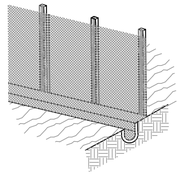
1. EXCAVATE A 6"X4" TRENCH



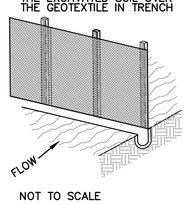
2. SET THE STAKES ALONG THE DOWNSLOPE SIDE OF THE TRENCH.



3. STAPLE GEOTEXTILE MATERIAL TO STAKES AND EXTEND IT INTO AND AROUND THE BOTTOM OF THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL OVER THE GEOTEXTILE IN TRENCH



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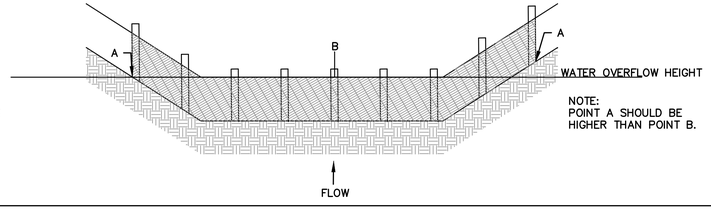
SEDIMENT FENCE NOTES:

A) INSTALLATION
1. THE HEIGHT OF SEDIMENT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL NOT EXCEED 34 INCHES ABOVE THE GROUND SURFACE.
2. THE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SECURELY SPLICED TOGETHER ONLY AT SUPPORT POSTS WITH A MAX. 6 INCH OVERLAP.
3. DIG A TRENCH AT LEAST 6 INCHES DEEP AND 4 INCHES WIDE ALONG THE FENCE ALIGNMENT.
4. DRIVE POSTS AT LEAST 24 INCHES INTO THE GROUND ON THE DOWNSLOPE SIDE OF THE TRENCH. SPACE POSTS A MAXIMUM OF 6 FEET APART.
5. EXTRA STRENGTH SEDIMENT FENCE FABRIC SHALL BE USED. POSTS FOR THIS TYPE OF FABRIC SHALL BE PLACED A MAXIMUM OF 6 FEET APART. THE SEDIMENT FABRIC SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING A MINIMUM OF ONE INCH LONG, HEAVY DUTY WIRE STAPLES OR TIE WIRES, AND EIGHT INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED INTO EXISTING TREES.
6. PLACE THE BOTTOM 1 FOOT OF FABRIC IN THE MINIMUM OF 6 INCH DEEP TRENCH, LAPPING TOWARD THE UPSLOPE SIDE. BACKFILL WITH COMPACTED EARTH OF GRAVEL.
7. IF A SEDIMENT IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, IT MUST BE OF SUFFICIENT LENGTH TO ELIMINATE ENDFLOW, AND THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE. EXTRA STRENGTH SEDIMENT FABRIC SHALL BE USED WITH A MAXIMUM 3 FOOT SPACING OR POSTS.
8. TO REDUCE MAINTENANCE, EXCAVATE A SHALLOW SEDIMENT STORAGE AREA IN THE UPSLOPE SIDE OF THE FENCE. PROVIDE GOOD ACCESS IN AREAS OF HEAVY SEDIMENTATION FOR CLEAN OUT AND MAINTENANCE.
9. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY

B) TROUBLESHOOTING
1. DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES, BEFORE FENCE INSTALLATION SO UTILITIES ARE NOT DISTURBED.
2. GRADE ALIGNMENT OF FENCE AS NEEDED TO PROVIDE A BROAD, NEARLY LEVEL AREA UP STREAM OF FENCE TO ALLOW SEDIMENT COLLECTION AREA.

C) INSPECTION MAINTENANCE
1. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. AVOID DAMAGING OR UNDERMINING THE FENCE DURING THE CLEANOUT. SEDIMENT ACCUMULATION SHOULD NOT EXCEED HALF THE HEIGHT OF THE FENCE.
4. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY AND COMPLETELY STABILIZED.

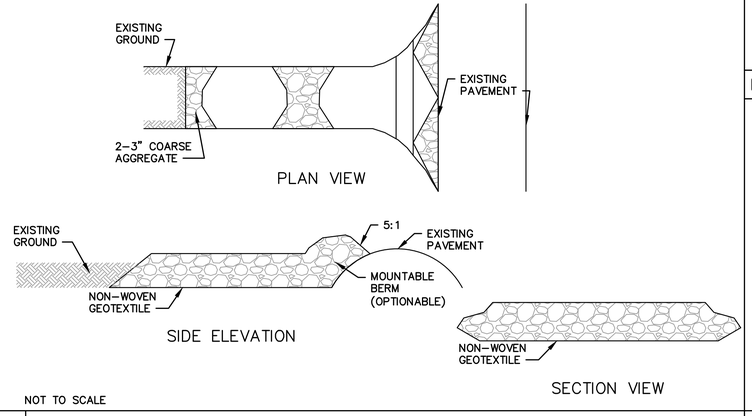


A5 | SILT FENCE DETAIL

TEMPORARY CONSTRUCTION ENTRANCE PAD NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS. IF POSSIBLE, LOCATE WHERE PERMANENT ROADS WILL EVENTUALLY BE CONSTRUCTED.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. IF SLOPE TOWARDS THE PUBLIC ROAD EXCEEDS 2%, CONSTRUCT A 6 TO 8 INCH HIGH RIDGE WITH 3H:1V SIDE SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT RUNOFF AWAY FROM IT.
4. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONG PUBLIC ROADS.
5. PLACE STONE TO DIMENSIONS AND GRADE AS SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPED FOR DRAINAGE.
6. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE.
7. IF WET CONDITIONS ARE ANTICIPATED, PLACE GEOTEXTILE FABRIC ON THE GRADED FOUNDATION TO IMPROVE STABILITY.

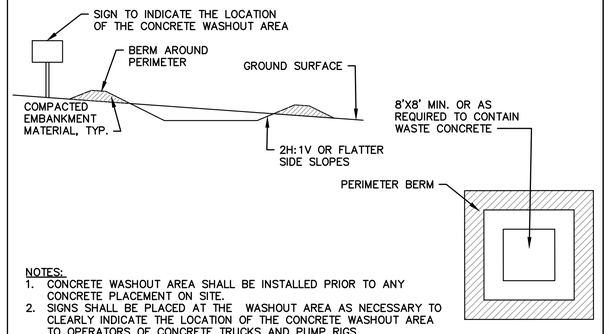
TROUBLESHOOTING:
1. IF RUNOFF CONTROL IS INADEQUATE TO THE EXTENT THAT SEDIMENT WASHES ONTO THE PUBLIC ROAD, INSTALL DIVERSIONS OR OTHER RUNOFF CONTROL MEASURES.
2. IF SMALL STONE, THIN PAD, OR ABSENCE OF GEOTEXTILE FABRIC RESULTS IN RUTS AND MUDDY CONDITIONS AS STONE IS PRESSED INTO SOIL, INCREASE STONE SIZE OR PAD THICKNESS OR ADD GEOTEXTILE FABRIC.
3. IF THE PAD IS TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC, EXTEND PAD BEYOND THE MINIMUM 50 FOOT LENGTH AS NECESSARY.

INSPECTION AND MAINTENANCE:
1. INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER ½ INCH OR GREATER STORM EVENTS.
2. RESHAPE PAD AS NEEDED FOR PROPER DRAINAGE AND RUNOFF CONTROL
3. TOPDRESS WITH CLEAN 2 AND 3 INCH STONE AS NEEDED
4. IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.
5. REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED.



NOT TO SCALE

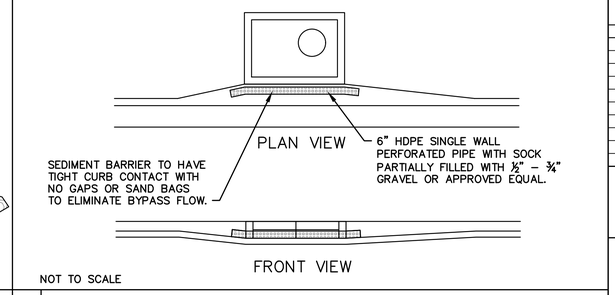
A3 | GRAVEL CONSTRUCTION SITE ENTRANCE



NOTES:
1. CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
2. SIGNS SHALL BE PLACED AT THE WASHOUT AREA AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
3. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
4. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN ACCEPTED WASTE SITE.
5. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER ACCEPTED BY THE CITY.

NOT TO SCALE

B1 | CONCRETE WASHOUT AREA



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A1 | LONG–TERM CURB INLET SEDIMENT BARRIER

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EROSION CONTROL DETAILS

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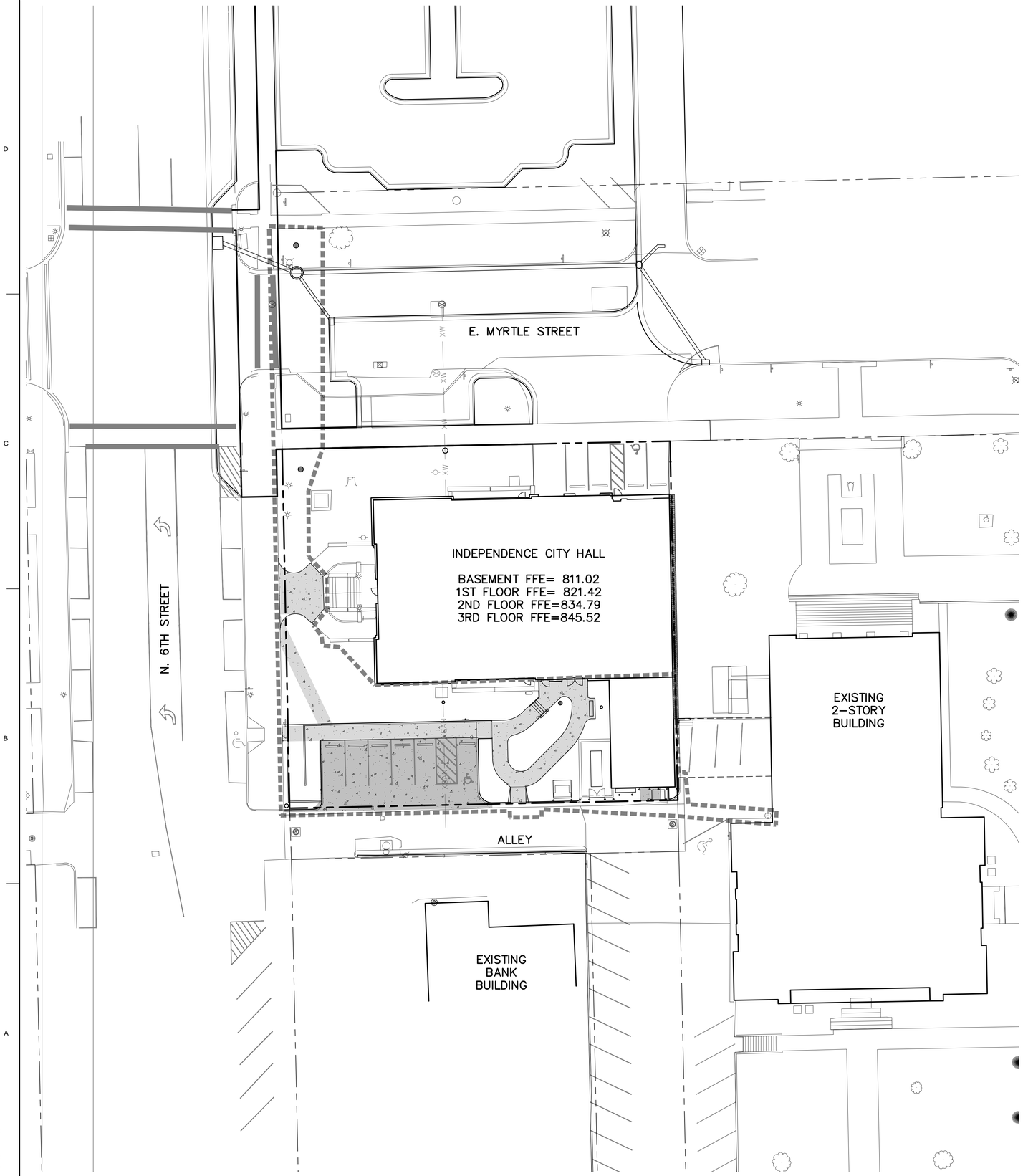

KEY NOTES:

0.0	**EXISTING**	DETAIL, SPEC OR REFERECE
0.1	EXISTING SIDEWALK OR PAVEMENT TO REMAIN	–
1.0	**PAVING & HARDSCAPE**	DETAIL, SPEC OR REFERECE
1.1	CURB & GUTTER. SEE GRADING PLAN FOR WET/DRY DESIGNATION.	–
1.2	CONCRETE STAIRS AND HANDRAIL	–
1.3	ADA PARKING WITH SIGNAGE	–
1.4	4" CONCRETE SIDEWALK; ANY SIDEWALK WITHIN STREET ROW SHALL BE CONSTRUCTED TO CITY STANDARD DETAIL	–
1.5	ADA RAMP WITH SINGLE–PIPE HANDRAIL	
2.0	**SITE AMENITIES & FEATURES**	DETAIL, SPEC OR REFERECE
2.1	ACCESSIBLE PARKING WITH SIGNAGE	–
2.2	BENCH	–
2.3	DUMPSTER ENCLOSURE; MATERIAL TO MATCH BUILDING EXTERIOR	REF. ARCH
2.4	CONCRETE PIPE BOLLARD	–
2.5	CAST–IN–PLACE CONCRETE STAIRS WITH HANDRAIL	
2.6	4" WHITE PAVEMENT MARKING	32 1723
3.0	**UTILITIES & SERVICES**	DETAIL, SPEC OR REFERECE
3.1	TRANSFORMER PAD PER UTILITY STANDARDS & SPECS	–
3.2	EMERGENCY GENERATOR AND ENCLOSURE	REF. ARCH AND MEP
3.3	GAS METER	

LEGEND:

- PROPERTY BOUNDARY
- PROJECT LIMITS
- PROPOSED 4" CONCRETE PAVEMENT
- PROPOSED 6" REINFORCED CONCRETE PAVEMENT

N

SCALE: 1" = 20'

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SITE PLAN

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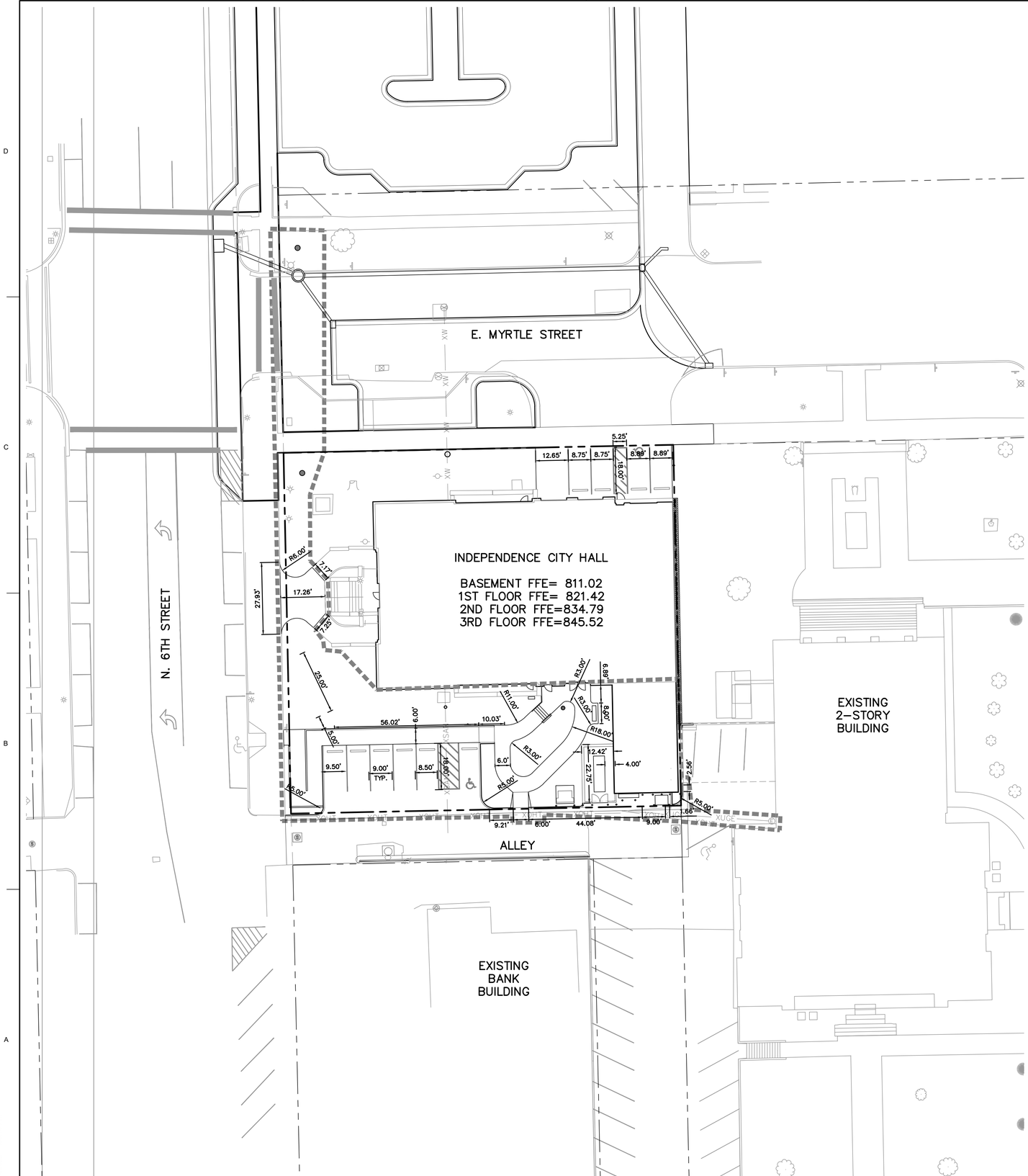

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DIMENSIONAL CONTROL PLAN

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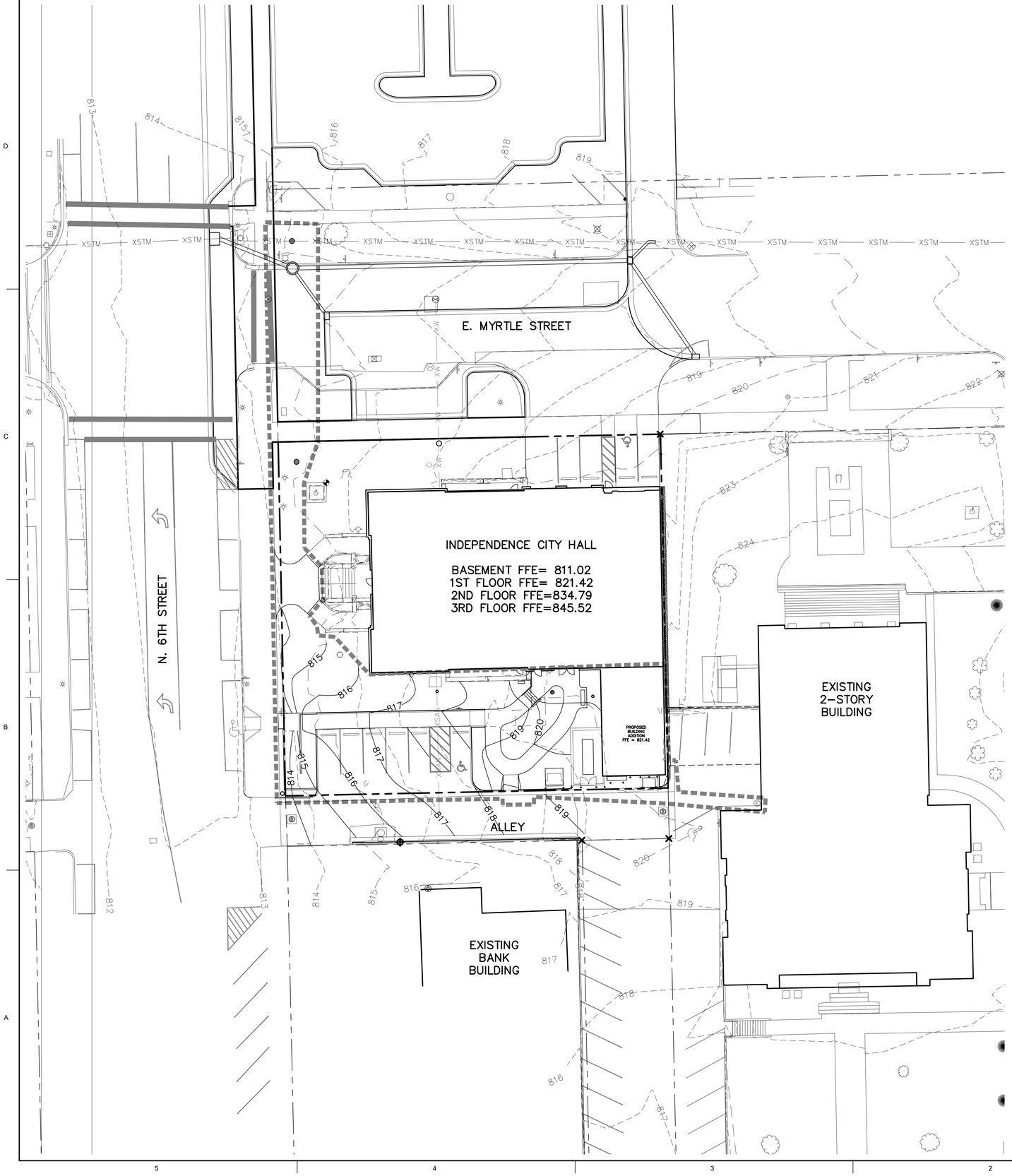

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GRADING PLAN

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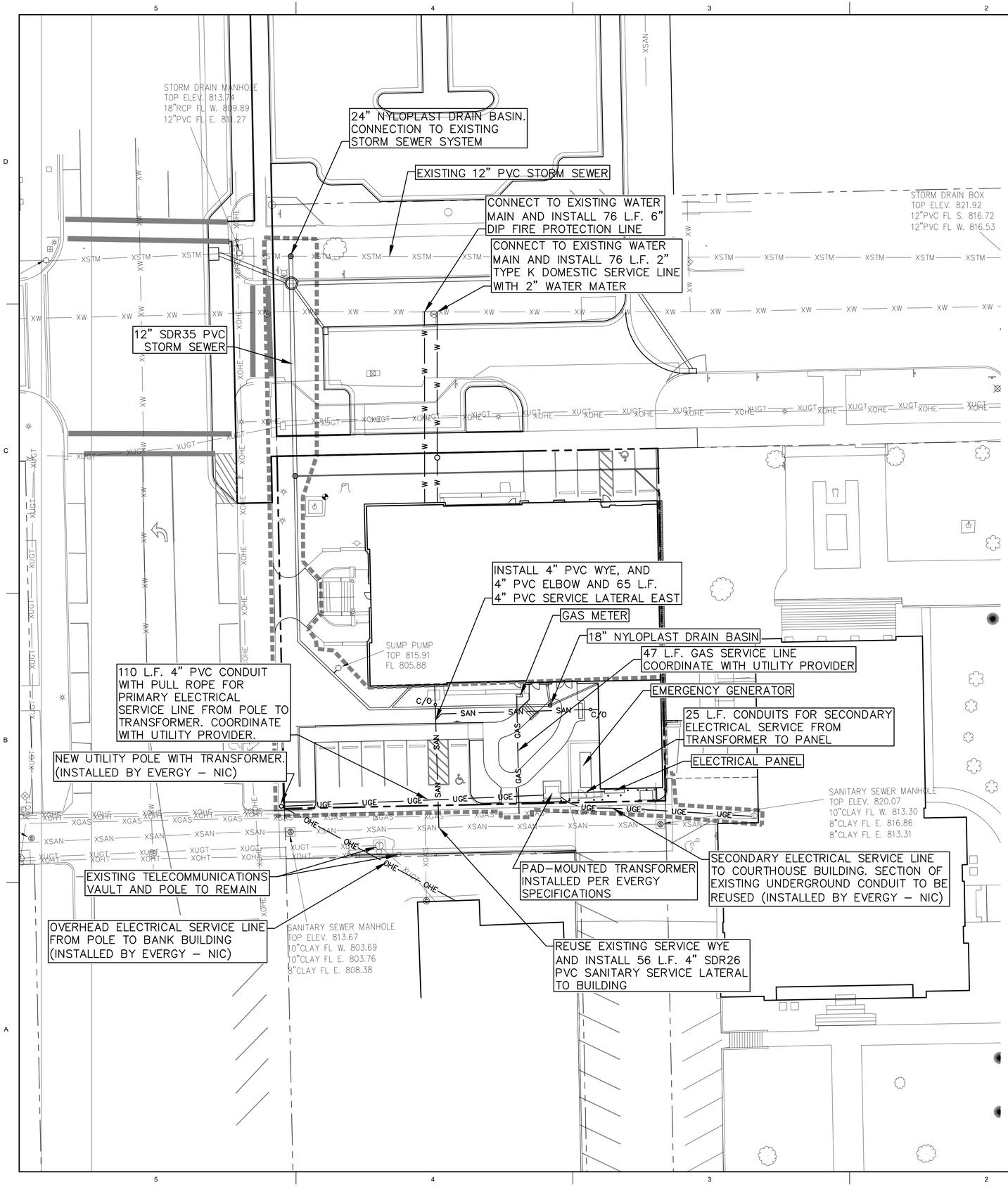

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UTILITY AND STORMWATER PLAN

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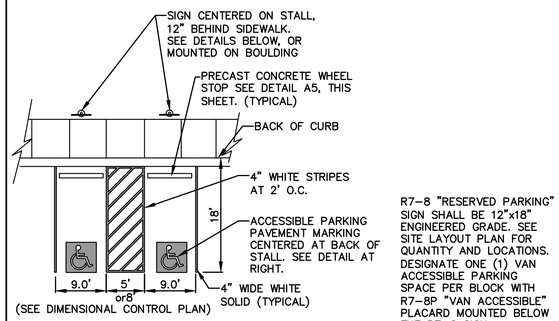
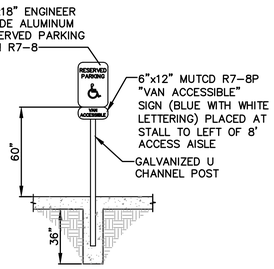
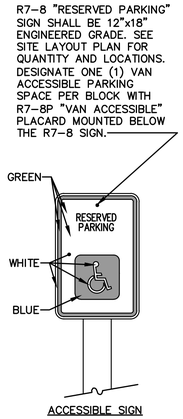
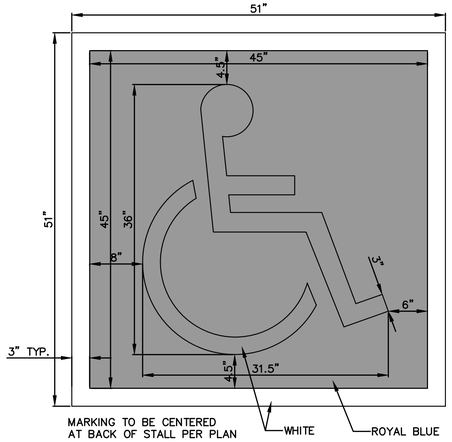


(SEE DIMENSIONAL CONTROL PLAN)



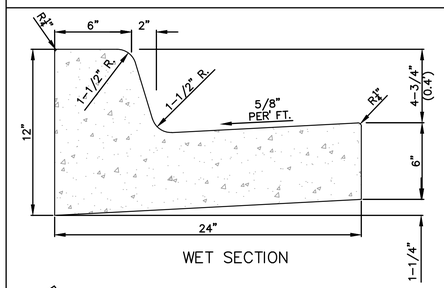


ACCESSIBLE SIGN

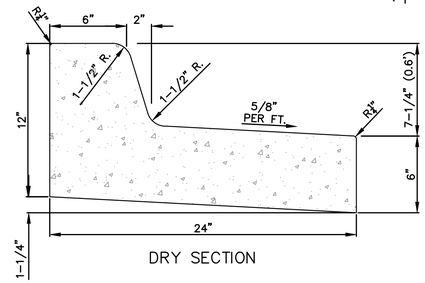


NOT TO SCALE

B5 ACCESSIBLE STALL DETAIL



WET SECTION



DRY SECTION

NOTES:
1. COMBINATION CURB AND GUTTER SHALL HAVE ⅛" x1" DEEP CONTRACTION JOINTS AT 10' O.C.
2. ½" EXPANSION JOINTS SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 30'-0" O.C., AT THE NEW ENDS AND MID POINTS OF RETURNS AND AT ANY POINT WHERE NEW CURB AND GUTTER ABUTTS OTHER CONCRETE STRUCTURES SUCH AS EXISTING CURB AND GUTTER AND CONCRETE WALK LAID PARALLEL WITH CURB AND GUTTER.
3. 5'-0" LONG TRANSITIONS SHALL BE PROVIDED BETWEEN NORMAL AND PITCHED GUTTER UNLESS OTHERWISE NOTED ON GRADING PLAN.
4. NO STRAIGHT CURB SEGMENTS SHALL BE CONSTRUCTED IN CURVE RADII.
5. CONCRETE SHALL BE 3,000 P.S.I. @ 28 DAYS.

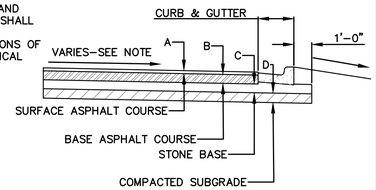
NOT TO SCALE

B4 FULL-HEIGHT CURB & GUTTER

PAVING AREA	A	B	C	D
HEAVY DUTY	2"	2"	8"	8"
STANDARD DUTY	1.25"	2"	6"	8"

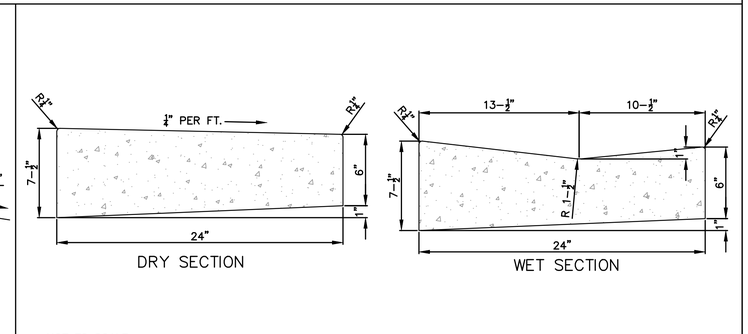
REFER TO SHEET C200 FOR PAVING TYPE DESIGNATION.

NOTE:
1. CROSS SLOPE SHALL NOT EXCEED 2% ALONG ALL ADA ROUTES.
2. SUBGRADE PREPARATION AND STABILIZATION SHALL BE PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT



NOT TO SCALE

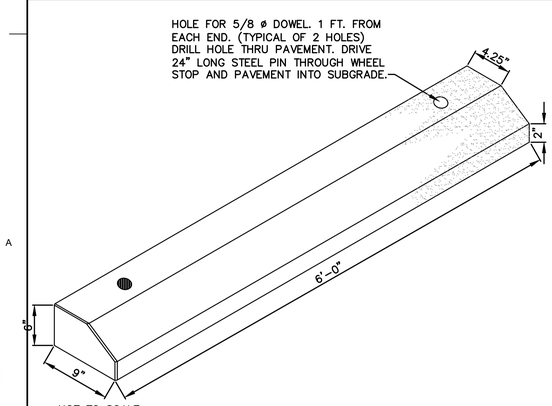
B3 ASPHALT PAVEMENT



DRY SECTION WET SECTION

NOT TO SCALE

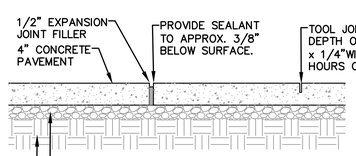
B2 LAY-DOWN CURB & GUTTER THROUGH DRIVEWAYS & ACCESS RAMPS



NOT TO SCALE

A5 CONCRETE WHEEL STOP

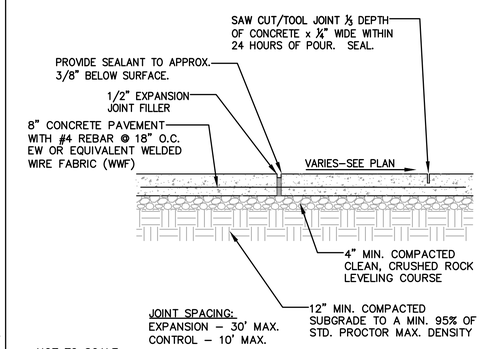
NOTE:
1. CROSS SLOPE SHALL NOT EXCEED 2% ALONG ALL ADA ROUTES.
2. SUBGRADE PREPARATION AND STABILIZATION SHALL BE PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT



JOINT SPACING:
EXPANSION – 40' MAX.
CONTROL – 5' MAX.

NOT TO SCALE

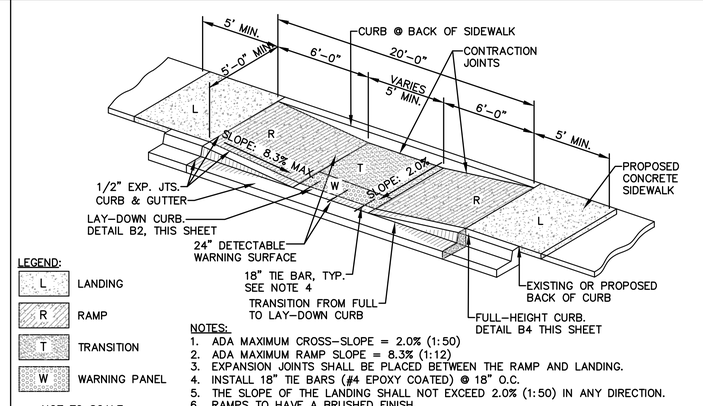
A4 4" CONCRETE SIDEWALK



JOINT SPACING:
EXPANSION – 30' MAX.
CONTROL – 10' MAX.

NOT TO SCALE

A3 8" CONCRETE PAVING



LEGEND:
- L LANDING
- R RAMP
- T TRANSITION
- W WARNING PANEL

NOTES:
1. ADA MAXIMUM CROSS-SLOPE = 2.0% (1:50)
2. ADA MAXIMUM RAMP SLOPE = 8.3% (1:12)
3. EXPANSION JOINTS SHALL BE PLACED BETWEEN THE RAMP AND LANDING.
4. INSTALL 18" TIE BARS (#4 EPOXY COATED) @ 18" O.C.
5. THE SLOPE OF THE LANDING SHALL NOT EXCEED 2.0% (1:50) IN ANY DIRECTION.
6. RAMPS TO HAVE A BRUSHED FINISH.

NOT TO SCALE

A2 TYPE II SIDEWALK RAMP

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REVISIONS

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SITE DETAILS

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J:\LWCE0000.00.00 CIVIL PROJECTS\HP0559.1901.70 INDEPENDENCE CITY HALL PHASE 2\06_DRAWING\04_AUTOCAD\SHEETS\CD\CITY HALL\C500 SITE DETAILS.DWG
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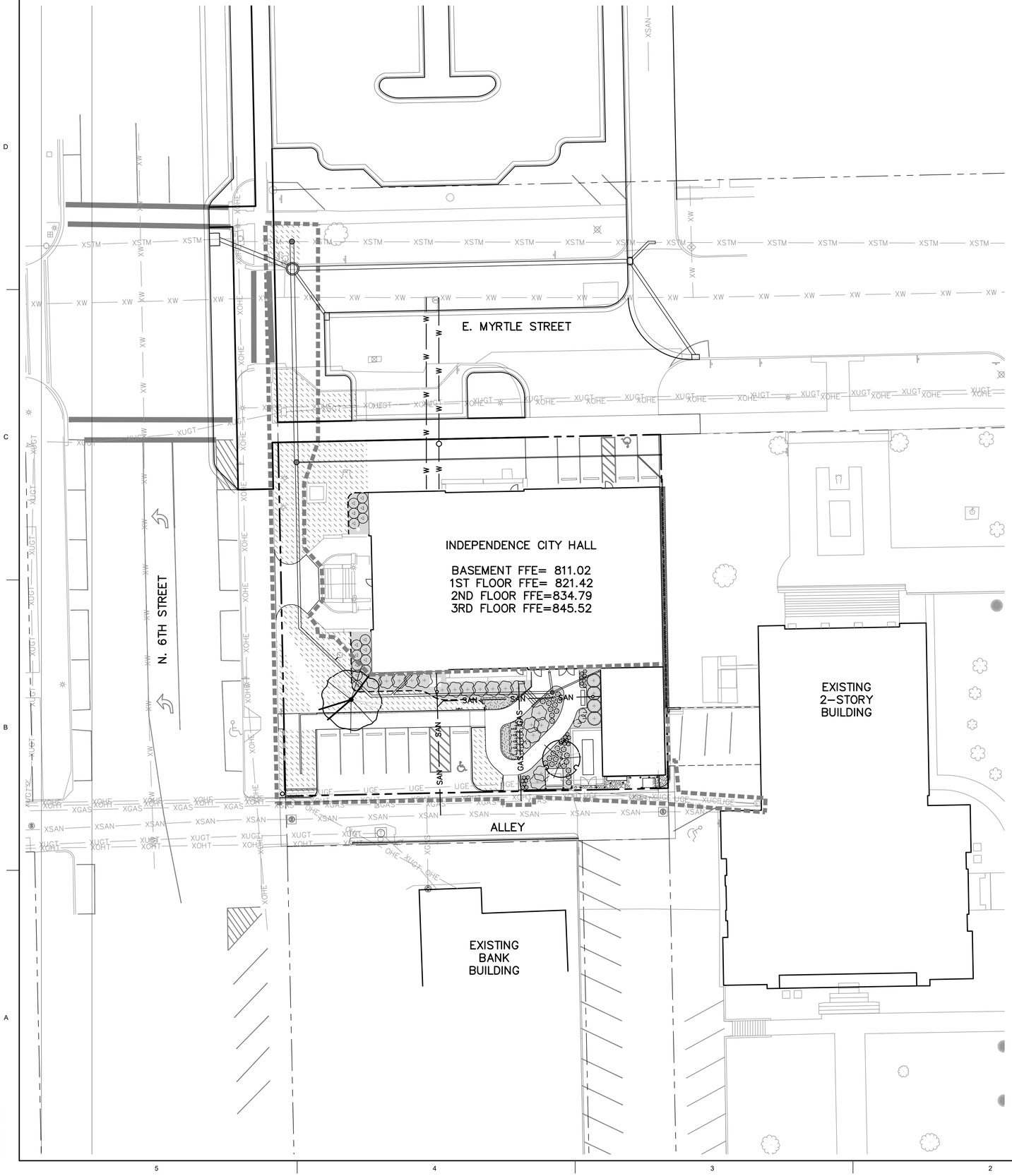

PLANT SCHEDULE OVERALL

TREES	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	CONTAINER
	CR2	1	Chinese Fringe Tree / Chionanthus retusus	2" Cal.	B&B
	UC	1	Frontier Elm / Ulmus x 'Frontier'	2" Cal.	B&B

SHRUBS	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	CONTAINER
	CF	15	Red Twig Dogwood / Cornus stolonifera 'Farrow' TM	5 gal.	C.G.
	FT	15	Show Off Starlet Forsythia / Forsythia x intermedia 'Minfor6' TM	3 gal.	C.G.
	RG	18	Gro–Low Fragrant Sumac / Rhus aromatica 'Gro–Low'	5 gal.	C.G.
	VB	4	Brandywine Viburnum / Viburnum nudum 'Bulk' TM	5 gal.	C.G.

PERENNIALS	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	CONTAINER
	CJ	22	Jethro Tull Tickseed / Coreopsis x 'Jethro Tull'	1 gal.	C.G.
	PP	26	Prairie Fire Switch Grass / Panicum virgatum 'Prairie Fire'	1 gal.	C.G.

SHRUB AREAS	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	CONTAINER
	AN	100	Annual Flower Bed /	Quart	C.G.

GROUND COVERS	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	CONTAINER
	FX	3,719 sf	Turf Seed /	Hydroseed	
	LR	111 sf	Missouri Rainbow Rock / 2" Landscape Rock	2"	
	–	1,620 sf	Hardwood Mulch		

LEGEND

- XSAN — EX. SANITARY SEWER LINE
- XUGT — EX. UNDERGROUND TELEPHONE LINE
- XSTM — EX. STORM SEWER LINE
- XGAS — EX. GAS LINE
- XW — EX. WATER LINE
- XOHE — EX. OVERHEAD ELECTRIC
- EX. UTILITY POLE
- EX. WATER VALVE
- C/O — NEW SANITARY SEWER CLEANOUT PER DETAIL X/C50X
- EX. LIGHT POLE
- EX. MANHOLE
- EX. FIRE HYDRANT
- STM — NEW STORM SEWER LINE
- UGT — NEW FIBER OPTIC LINE
- W — NEW WATER LINE
- SAN — NEW SANITARY SEWER LINE
- LIMITS OF DISTURBANCE
- PROPERTY LINE

N

SCALE: 1" = 20'

20 10 0 20 40

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LANDSCAPE PLAN

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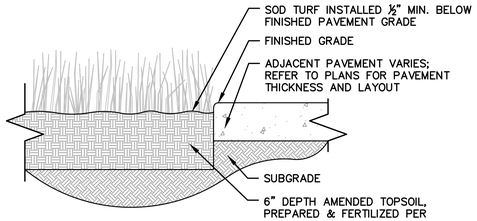
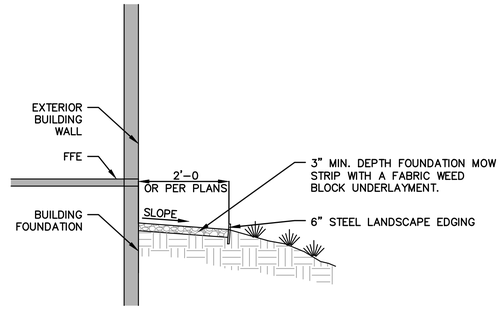


NOTES:
1. SOD SHALL BE INSTALLED IN A MANNER THAT ALLOWS WATER TO FREELY DRAIN FROM PAVEMENT
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING. ALL PLANTING AREAS SHALL HAVE POSITIVE DRAINAGE. NO LOW SPOTS THAT HOLD WATER WILL BE ACCEPTED. TURF AREAS SHALL BE COMPACTED TO REMOVE AIR POCKETS & REGRADED – FREE OF ROCKS OR LUMPS.
3. SODDING SHALL BE LAID PARALLEL TO SLOPE DIRECTION & IN A MANNER WHICH PERMITS SOD JOINT STAGGER.
4. SOD PIECES SHALL BE FITTED TOGETHER TIGHTLY SO THAT NO JOINTS ARE VISIBLE; SOD SHALL BE TAMPED FIRMLY & EVENLY BY HAND & ROLLER.
5. WHEN BORDERED BY HEADER BOARD, FINISH GRADE SHALL BE ½" BELOW TOP OF HEADER.

NOT TO SCALE

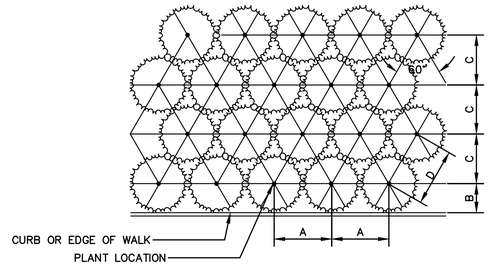
X SOD TURF AT PAVEMENT DETAIL



NOT TO SCALE

X GRAVEL MOW STRIP

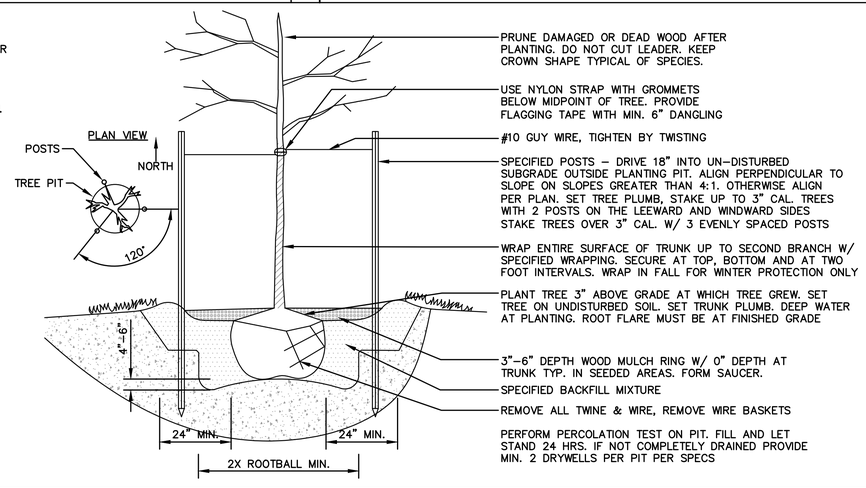
PLANT SPACING	A	B	C	D
3'	3'	1.5'	2.75'	3'
4'	4'	2'	3.5'	4'
5'	5'	2.5'	4.5'	5'



NOT TO SCALE

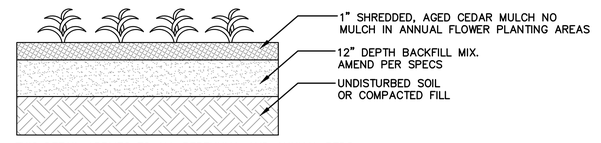
X SHRUB SPACING DETAIL

NOTES:
1. DO NOT REMOVE OR CUT LEADER
2. PRUNE ONLY DEAD OR BROKEN BRANCHES AND WEAK OR NARROW CROTCHES
3. DO NOT REMOVE LOWER LIMBS AND SPROUTS FOR AT LEAST TWO GROWING SEASON
4. KEEP PLANTS MOIST AND SHADED UNTIL PLANTING
5. DO NOT FERTILIZE FOR AT LEAST ONE GROWING SEASON.
6. AMENDED BACKFILL SHALL BE PER SPECS.
7. WRAP TRUNK WITH SPECIFIED TREE WRAP ON EXPOSED SITES OR SPECIES WITH THIN BARK
8. WRAP OCTOBER 15 AND REMOVE MARCH 31



NOT TO SCALE

X DECIDUOUS TREE PLANTING

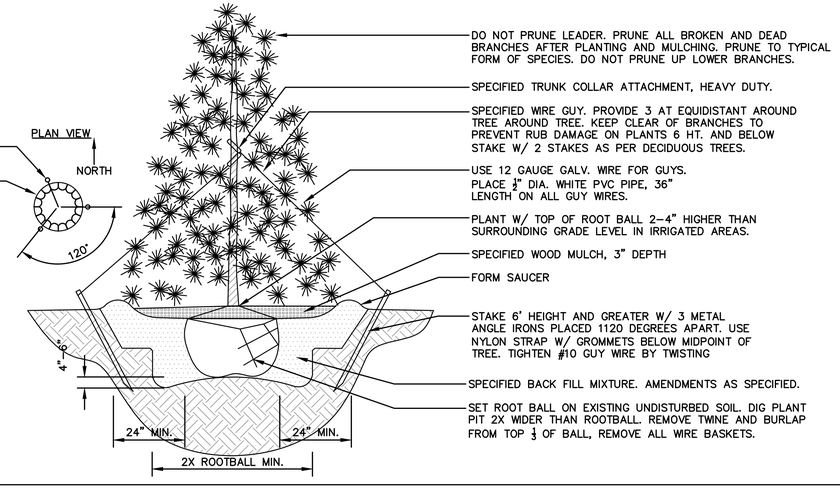


THIS DETAIL APPLIES TO ALL PERENNIAL AND ANNUAL BEDS

NOT TO SCALE

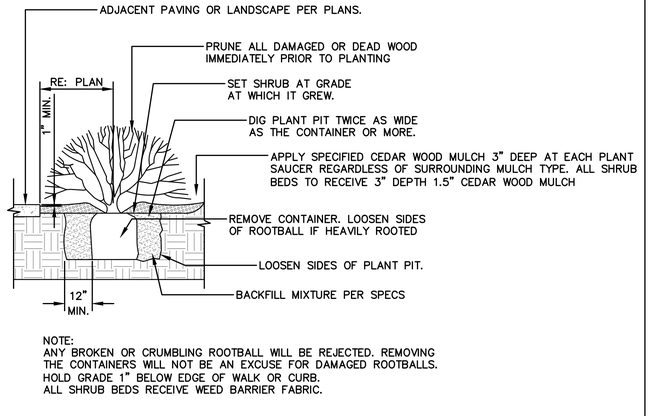
X GROUND COVER/ANNUAL/PERENNIAL PLANTING DETAIL

NOTES:
1. DO NOT REMOVE OR CUT LEADER.
2. PRUNE ONLY DEAD OR BROKEN BRANCHES IMMEDIATELY PRIOR TO PLANTING.
3. REMOVE ANY DOUBLE LEADER, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE. GUY STAKES
4. KEEP PLANTS MOIST AND SHADED UNTIL TREE PIT PLANTING.
5. AVOID FALL PLANTING IF POSSIBLE.
6. AMENDED BACKFILL SHALL BE PER SPECS.
7. PERFORM PERCOLATION TEST ON PIT, FILL AND LET STAND 24 HRS. IF NOT COMPLETELY DRAINED PROVIDE MIN. 2 DRYWELLS PER PIT PER SPECS.
8. GUYING AND STAKING TO BE REMOVED AFTER ONE GROWING SEASON



NOT TO SCALE

X EVERGREEN TREE PLANTING



NOTE:
ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED. REMOVING THE CONTAINERS WILL NOT BE AN EXCUSE FOR DAMAGED ROOTBALLS. HOLD GRADE 1" BELOW EDGE OF WALK OR CURB. ALL SHRUB BEDS RECEIVE WEED BARRIER FABRIC.

NOT TO SCALE

X SHRUB PLANTING

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LANDSCAPE DETAILS

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ABBREVIATIONS

AA	AUTOMATICALLY ACTUATED
ABS	ABSOLUTE
ABV	ABOVE
AC	ABOVE COUNTER
ACMU	ARCHITECTURAL CEMENTITIOUS MASONRY UNIT
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AG	ACRYLIC GLAZING
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
AP	ACCESS PANEL
APX	APPROXIMATE
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BM	BENCH MARK
BO	BOTTOM OF
BOD	BASIS OF DESIGN
BOT	BOTTOM
BR	BRICK
BRG	BEARING
BS	BOTH SIDES
BSMT	BASEMENT
BUR	BUILT UP ROOFING
CA	CARD ACTUATED
CAB	CABINET
CB	CHALKBOARD
CCTV	CLOSED CIRCUIT TELEVISION
CF	CORK FLOORING
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CG	CORNER GUARD
CH	CONDUCTOR HEAD
CI	CAST IRON
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASORY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CORR	CORRIDOR
CPT	CARPET
CR	CARD READER
CS	CUSTOM STEEL
CT	CERAMIC TILE
CTR	COUNTER
CTSK	COUNTERSUNK
CW	COLD WATER
D	DEEP/DEPTH/DRAIN
DBL	DOUBLE
DF	DRINKING FOUNTAIN
DFS	DOOR AND FRAME SCHEDULE
DIA	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DN	DOWN
DPR	DISPENSER
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EB	EXPANSION BOLT
ECUH	ELECTRIC CABINET UNIT HEATER
EF	EACH FACE
EIFS	EXTERIOR INSUL. FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATION/ELEVATOR
EMER	EMERGENCY
ENC	ENCLOSURE
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EPS	EXPANDED POLYSTYRENE
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FRESH AIR
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAS	FASTENER
FB	FACE BRICK
FBO	FURNISHED BY OTHERS
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONECTION
FE	FIRE EXTINGUISHER
FEB	FIRE EXTINGUISHER BRACKET
FEC	FIRE EXTINGUISHER CABINET\
FF	FINISH FLOOR
FFCO	FLUSH FLOOR CLEANOUT
FFE	FINISHED FLOOR ELEVATION
FFL	FINISHED FLOOR LINE
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FL	FLOW LINE
FLUOR	FLUORESCENT
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUCCO
FP	FIREPROOF(ING)
FR	FIRE RATED
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FLOOR SINK
FT	FEET
FTG	FOOTING
FUR	FURRING
FUT	FUTURE
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GD	GRADE/GRADING
GF	GROUND FACE
GFRC	GLASS FIBER REINFORCED CONCRETE
GR	GRADE, GRADING
GYP	GYPSUM
GYP BD	GYPSUM BOARD
H	HIGH/HEIGHT
HB	HOSE BIB
HM	HOLLOW METAL
HO	HOLD OPEN
HORZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING/VENTILATING/AIR CONDITIONING
HW	HOT WATER
HWD	HARD WOOD
ID	INSIDE DIAMETER
IN	INCHES
INCL	INCLUDE(D), (ING)
INSUL	INSULATION, INSULATING
INT	INTERIOR
INTM	INTERMEDIATE
INTXN	INTERSECTION
JB	JUNCTION BOX
JF	JOINT FILLER
JST	JOIST
JT	JOINT
KB	KEYBOARD
KIT	KITCHEN
KO	KNOCK OUT
KS	KNEE SPACE
L	LONG/LENGTH
LAM	LAMINATE
LAV	LAVATORY
LH	LEFT HAND
LIN	LINOLEUM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LMS	LIMESTONE
LT	LIGHT
LTL	LINTEL
LW	LIGHT WEIGHT
LWC	LIGHT WEIGHT CONCRETE
LWCMU	LIGHT WEIGHT CONCRETE MASONRY UNIT
M	METER(S)
MAS	MASONRY
MAT	MATERIAL(S)
MAX	MAXIMUM
MB	MARKERBOARD
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURE/MANUFACTURER
MH	MANHOLE
MHO	MAGNETIC HOLD OPEN
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLD	MOLDING, MOULDING
MO	MASONRY OPENING
MOD	MODULAR
MS	METAL STUDS
MT	MOUNT(ED), (ING)
MTFR	METAL FURRING
MTL	METAL
MTLR	METAL ROOF
MULL	MULLION
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NOISE REDUCTION
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER (or) OVERFLOW DRAIN
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OFVI	OWNER FURNISHED VENDOR INSTALLED
OH	OVERHEAD
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PAR	PARAPET
PAV	PAVING
PB	PUSH BUTTON
PC	PORTLAND CEMENT
PCC	PRECAST CONCRETE
PED	PEDESTRIAN
PERIM	PERIMETER
PERP	PERPENDICULAR
PFB	PREFABRICATE(D)
PIC	POLYISOCYANURATE
PK	PARKING
PL	PLATE
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLWD	PLYWOOD
PNL	PANEL
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT, PAINTED
PTR	PAPER TOWEL RECEPTOR
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS OR RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RBT	RABBET
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	REFERENCE
RECEP	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED(ING)
REM	REMOVE
REQ	REQUIRE(D)
RES	RESILIENT
RET	RETURN
REV	REVISION
RFG	ROOFING
RFL	REFLECT(ED), (IVE), (OR)
RFS	ROOM FINISH SCHEDULE
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
RVRS	REVERSE
S	SOUTH
SA	SUPPLY AIR
SAM	SELF-ADHERED MEMBRANE
SAN	SANITARY
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET
SHT	SHEET
SHTH	SHEATHING
SHWR	SHOWER
SIM	SIMILAR
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SPC	SPACE
SPCR	SPACER
SPEC	SPECIFICATION(S)
SPKR	SPEAKER
SQ	SQUARE
SS	SOLID SURFACE
SSK	SERVICE SINK
SST	STAINLESS STEEL
ST	SPECIAL TREATMENT
STA	STATION
STD	STANDARD
STL	STEEL
STN	STONE
STOR	STORAGE
STP	STANDPIPE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SY	SQUARE YARD
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
TD	TRENCH DRAIN
TEL	TELEPHONE
THK	THICK(NESS)
THRU	THROUGH
TLT	TOILET
TO	TOP OF
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL, TOP OF SLAB
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TPTN	TOILET PARTITION
TS	TUBE STEEL
TYP	TYPICAL
TZ	TERRAZZO
UC	UNDER CONTRACT
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
US	URINAL SCREEN
VB	VAPOR BARRIER
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL
VEST	VESTIBULE
VFCI	VENDOR FURNISHED CONTRACTOR INSTALLED
VFOI	VENDOR FURNISHED OWNER INSTALLED
VFVI	VENDOR FURNISHED VENDOR INSTALLED
VIF	VERIFY IN FIELD
W	WIDE/WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WDB	WOOD BASE
WDO	WINDOW
WG	WIRE GLASS
WO	WHERE OCCURS
WPG	WATERPROOFING
WS	WRITABLE SURFACE
WS	WATERSTOP
WSCT	WAINSCOT
WT	WEIGHT
WTW	WALL TO WALL
WWF	WELDED WIRE FABRIC

MATERIALS

- FACE BRICK (PLAN/SECTION)
- CAST STONE (ELEVATION)
- RIGID INSULATION
- SPRAYED INSULATION
- CONCRETE MASONRY
- ASPHALT SHINGLES
- CONCRETE
- UNDISTURBED EARTH
- DISTURBED EARTH
- METAL STUD/STEEL
- GYPSUM BOARD
- DRAINAGE FILL
- PLYWOOD
- BLANKET OR LOOSE FILL INSULATION
- WOOD FINISH
- DEMOLITION
- EXISTING
- NEW PARTITION

SYMBOLS

DETAIL SECTION — 1 / A101 — DETAIL NUMBER, SHEET NUMBER

ELEVATION LEVEL — NAME, ELEVATION

BUILDING SECTION — 1 / A101 — DETAIL NUMBER, SHEET NUMBER

CEILING TAG W/ HEIGHT/MATERIAL — 1'-0" / APC1 — HEIGHT ABOVE FINISH FLOOR, UNO; CEILING TYPE

WALL SECTION — 1 / A101 — DETAIL NUMBER, SHEET NUMBER

DOOR TAG — 201A — UNIQUE ID, ROOM NUMBER

BUILDING ELEVATION / INTERIOR ELEVATION — 1 / A101 / 1 — DETAIL NUMBER, SHEET NUMBER

WINDOW TAGS — AA — 3'-0" AFF (WIN. SILL)

PLAN DETAIL — 1 / A101 — DETAIL NUMBER, SHEET NUMBER

GRAPHIC SCALE — 0, 4', 8', 16'

GRID LINE - NEW — 0

GRID LINE - EXISTING — 0

PLAN NOTE & DEMO NOTE — P01

NORTH ARROW

REVISION TAG — 99 — REVISION NUMBER

PARTITION TYPE INDICATOR — A321 — PARTITION TYPE, DIMENSIONAL MODIFIER, TYPE MODIFIER, RATING - WHERE APPLIES, PARTITION

ROOM TAG — ROOM NAME, 101 — ROOM NAME, ROOM NUMBER

ROOM TAG W/ AREA — ROOM NAME, 101, 150 SF — ROOM NAME, ROOM NUMBER, ROOM SF

CASEWORK TAG — # / 12" / 12" — AWI # or PRODUCT #, WIDTH, DEPTH

SPECIALTY EQUIPMTNT TAG — 1i

GENERAL NOTES

A General Notes shall apply to all Work of this Project, including changes approved by the Owner during the course of the Work.

B Drawings are intended to show end result of design. Minor modifications necessary to suit job conditions shall be included as part of the Work.

C Architectural floor plan dimensions are to face of concrete, face of masonry, face of gypsum board, or Column Line, UNO. Masonry dimensions are nominal, UNO. "Clear" denotes minimum finish to finish dimension.

D Do not scale drawings; dimensions shall govern.

E COORDINATE FLOOR CORE DRILLING WITH EXISTING STRUCTURE.

F PATCH EXISTING CONSTRUCTION SCHEDULED TO REMAIN. REPAIRED SURFACES TO BE FLUSH WITH ADJACENT FINISH SURFACES. PATCH, SAND, AND TEXTURE EXISTING SURFACES TO SAME QUALITY AS NEW CONSTRUCTION PRIOR TO INSTALLING NEW FINISHES.

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CITY OF INDEPENDENCE KANSAS

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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

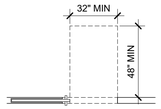
A001

GEN NOTES

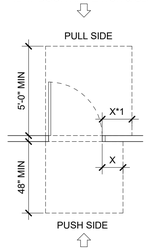
TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:41:25 AM

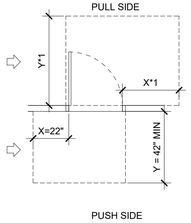
NOTE: WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES.



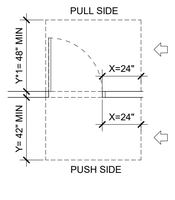
NOTE: X*1= 18" MIN, 24" PREFERRED
X = 12" IF DOOR HAS LATCH & CLOSER

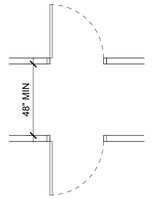


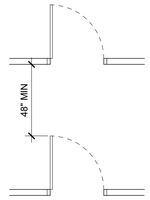
NOTE: X*1= 36" MIN IF Y*1=60" +
X*1=42" MIN IF Y*1= 54" - 59"
Y = 48" IF DOOR HAS LATCH & CLOSER

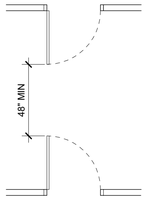


NOTE: Y*1= 54" MIN IF DOOR HAS CLOSER
Y = 48" MIN IF DOOR HAS CLOSER









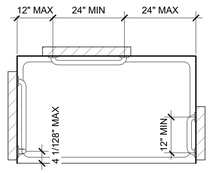
DOOR CLEARANCES E2

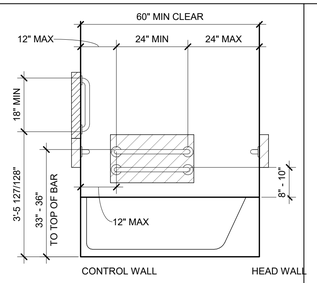
1/4" = 1'-0"

GENERAL NOTES

A REFERENCED STANDARD(S) PROJECT SHALL COMPLY WITH ADA #### AND ANSI ### ####

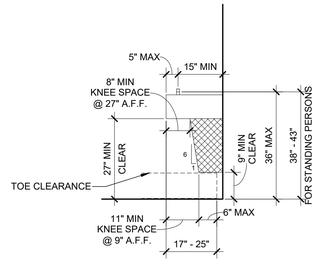
B DIMENSIONS ON THIS SHEET ARE TO FINISH FACE OF WALLS AND CEILINGS.





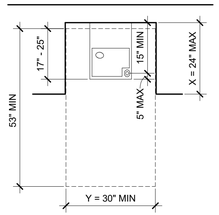
ADA BATHTUB MOUNTING D4

1/2" = 1'-0"



NOTE: EQUIPMENT PERMITTED IN SHADED AREA, ADAAG 303.6.4

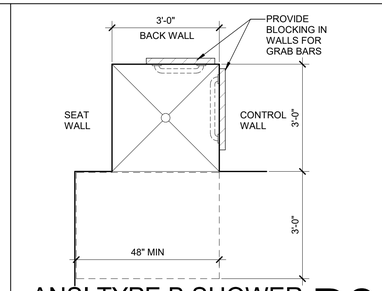
NOTE: ANY PROTRUSION HIGHER THAN 27" ABOVE FINISH FLOOR SHALL NOT PROJECT INTO A CORRIDOR OR PATH MORE THAN 4"



NOTE: IF X > 24" THEN Y SHALL BE 36" MIN.

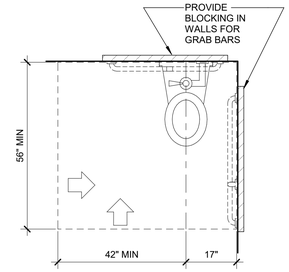
DRINKING FOUNTAIN D3

1/2" = 1'-0"



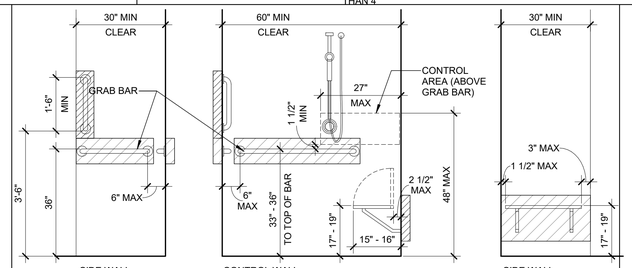
ANSI TYPE B SHOWER D2

1/2" = 1'-0"



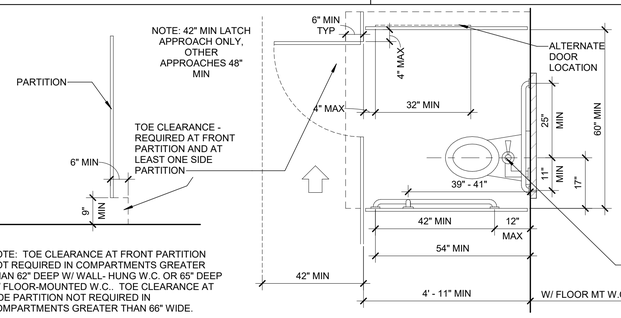
ANSI TYPE B W.C.-PLAN D1

1/2" = 1'-0"

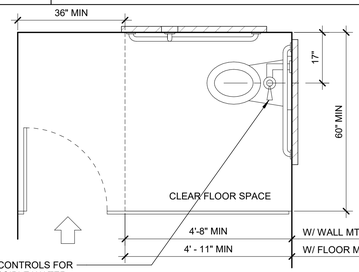


ADA ROLL-IN SHOWER MOUNTING C3

1/2" = 1'-0"

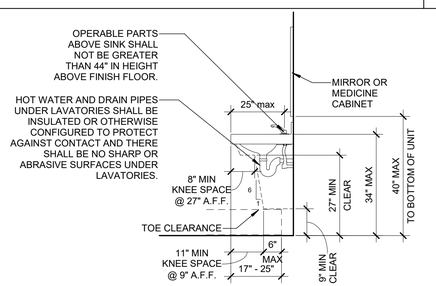


NOTE: TOE CLEARANCE AT FRONT PARTITION NOT REQUIRED IN COMPARTMENTS GREATER THAN 62" DEEP W/ WALL- HUNG W.C. OR 65" DEEP W/ FLOOR-MOUNTED W.C.. TOE CLEARANCE AT SIDE PARTITION NOT REQUIRED IN COMPARTMENTS GREATER THAN 66" WIDE.



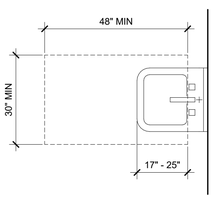
ADA STALL-PLAN C1

1/2" = 1'-0"



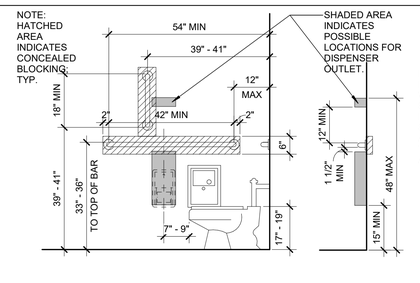
LAVATORY-ELEVATION B4

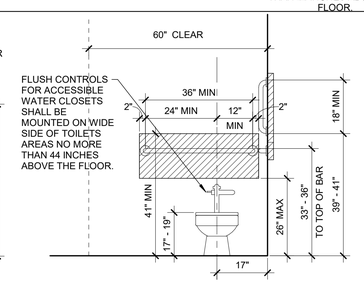
1/2" = 1'-0"



ADA LAVATORY-PLAN B3

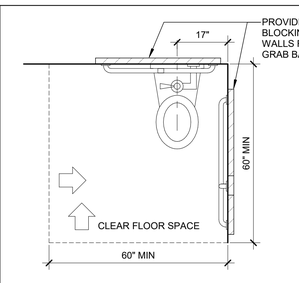
1/2" = 1'-0"





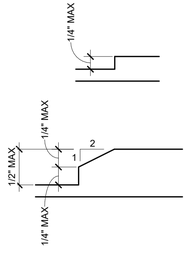
ADA W.C.-ELEVATIONS B2

1/2" = 1'-0"



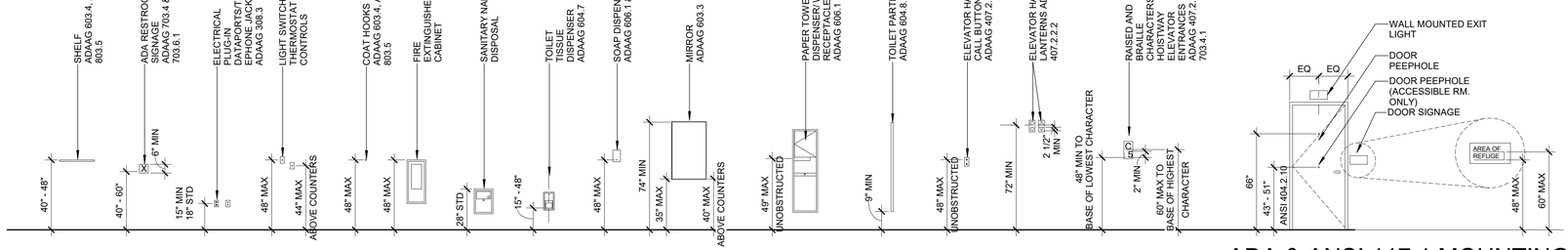
ADA W.C.-PLAN B1

1/2" = 1'-0"



LEVEL CHANGES A5

1/4" = 1'-0"



ADA & ANSI 117.1 MOUNTING HEIGHTS A1

1/4" = 1'-0"

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

A002

ADA TYP

TreanorHL NO. HP0559.1901.00

G211 - WALL SCHEDULE

TYPE	DIM.	CORE MAT. DIM.	GYP. BD	FIRE RATING	SOUND BATT.	U.L. NO.	STC	NOTES
A3	4 7/8"							
A3a	4 7/8"							
A3d1	4 7/8"			1HR				
A3f1	4 7/8"			1HR (Fire)				
A3p	4 7/8"							
A6	7 1/4"							
C3	4 7/8"							
D2a	5"							
D3a	6 1/8"							
D3d1	6 1/8"			1 HR				
dfa	4 7/8"	3 5/8"	5/8"					
E2a	4 3/8"							
E3a	5 1/2"							
E3d1	5 1/2"			1HR (Fire)				
F1	2 1/4"	1 1/2"	5/8"					
F1H	1 1/2"	1 1/2"	5/8"					
F2	3 1/8"							
F3	4 1/4"							
F3a	4 1/4"							
F3b	4 1/4"							
H2a	3 3/4"							
H3a	4 7/8"							
M12	11 5/8"	7 5/8"	5/8"					
Q4	3 5/8"							
Q6f2	5 5/8"			2 HR				
X2f1	3 1/8"	4"	5/8"	1 HR				
Y2d2	3 3/4"			2HR (Fire)				

PARTITION TYPE:

A. MTL STUD_SGL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK
B. MTL STUD_SGL LAYER OF GYP BD, BS_4" ABV CLG
C. MTL STUD_SGL LAYER OF GYP BD, BS_PARTIAL HEIGHT
D. MTL STUD_DBL LAYER OF GYP BD, BS_TO ROOF OR BOTTOM OF DECK
E. MTL STUD_SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
F. MTL STUD_DBL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
G. MTL STUD_SGL LAYER OF GYP BD,SS_4" ABV CLG
H. MTL STUD_DBL LAYER OF GYP BD, SS, SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
I. NOT USED
J. N/A
K. MTL DBL STUD_SGL LAYER OF GYP BD,BS_TO ROOF OR BOTTOM OF DECK
L. N/A
M. MTL FURRING_SGL LAYER OF GYP BD_4" ABV CLG
N. MTL FURRING_DBL LAYER OF GYP BD_4" ABV CLG
O. NOT USED
P. N/A
Q. CMU_TO ROOF OR BOTTOM OF DECK
R. CMU_4" ABOVE CEILING AND BRACED TO STRUCTURE
S. CMU_PARTIAL HEIGHT
T. CMU_4" ABOVE CEILING, BRACE TO STRUCTURE, TYPE A WALL ABOVE
U. CMU,TO ROOF OR BOTTOM OF DECK, 1 1/2" MTL FURRING, SS_SGL LAYER OF GYP BD, SS_4" ABV CLG
V. CMU,TO ROOF OR BOTTOM OF DECK, 1 1/2" MTL FURRING, BS_SGL LAYER OF GYP BD, BS_4" ABV CLG
W. N/A
X. SHAFT WALL_SGL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
Y. SHAFT WALL_DBL LAYER OF GYP BD, SS_TO ROOF OR BOTTOM OF DECK
Z. N/A

DIMENSONAL MODIFIER

MTL STUD
0 - 7/8"
1 - 1 5/8"
2 - 2 1/2"
3 - 3 5/8"
4 - 4"
5 - 5"
6 - 6"

SHAFT WALL
2 - 2 1/2" SHAFT WALL FRAMING
4 - 4" SHAFT WALL FRAMING
6 - 6" SHAFT WALL FRAMING

CMU
1 - 9 5/8"
2 - 11 5/8"
4 - 3 5/8"
6 - 5 5/8"
8 - 7 5/8"

WOOD
4 - 2X4
6 - 2X6
8 - 2X8

TYPE MODIFIER:

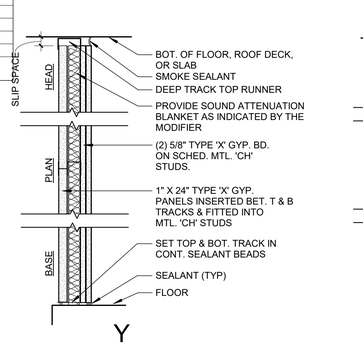
a. ACOUSTIC, SOUND, STC
b. LOAD BEARING
c. EXPANDED METAL/ACOUSTIC, SOUND, STC
d. FIRE BARRIER
e. FIRE BARRIER/ACOUSTIC, SOUND, STC
f. FIRE PARTITION
g. FIRE PARTITION/ACOUSTIC, SOUND, STC
h. FIRE WALL
i. Do not use
j. FIRE WALL/ACOUSTIC, SOUND, STC
k. LEAD
l. Do not use
m. LEAD/ACOUSTIC, SOUND, STC
n. RF SHIELDED/ACOUSTIC, SOUND, STC
o. RF SHIELDED/ACOUSTIC, SOUND, STC/EXPANDED METAL
p. SECURITY
q. SECURITY/ACOUSTIC, SOUND, STC
r. SMOKE BARRIER
s. Do not use
t. RF SHIELDED/ACOUSTIC, SOUND, STC/LEAD

RATING:

0 - NON-RATED
1 - 1 HOUR
2 - 2 HOUR
3 - 3 HOUR
4 - 4 HOUR
5 - 1/2 HOUR

S - SMOKE





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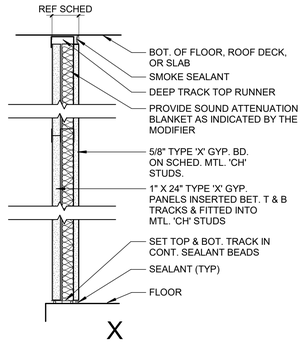

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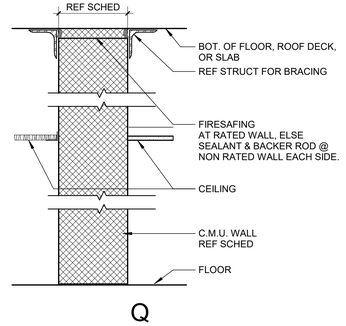

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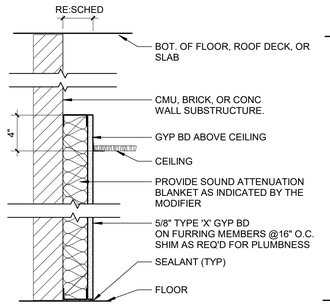

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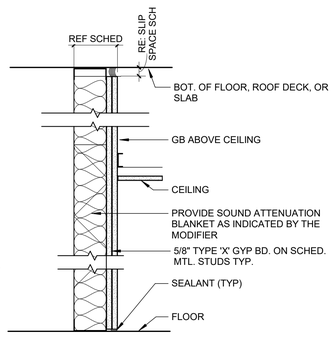

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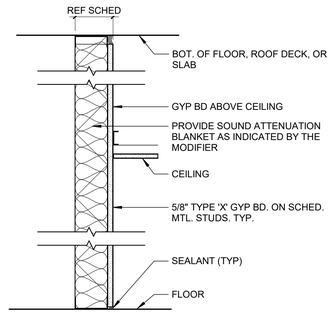

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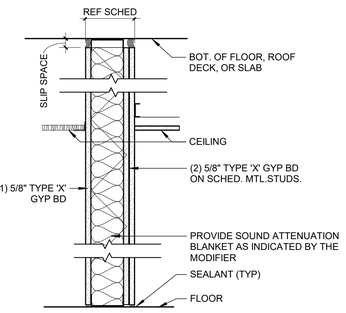

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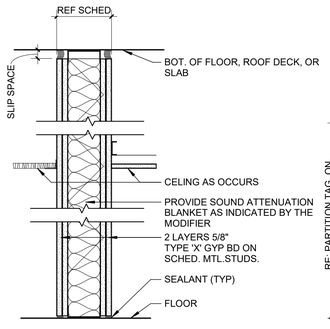

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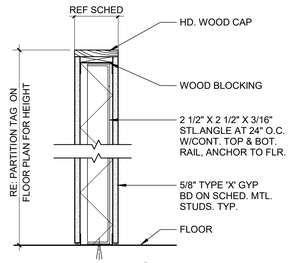

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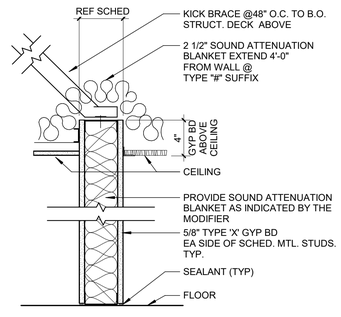

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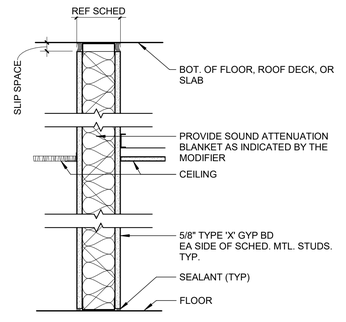
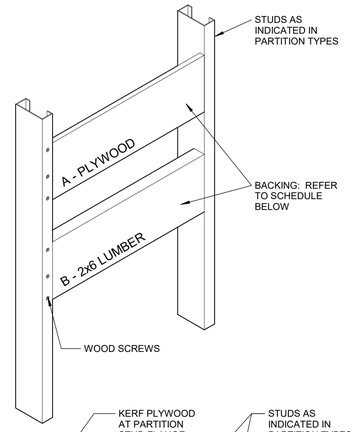
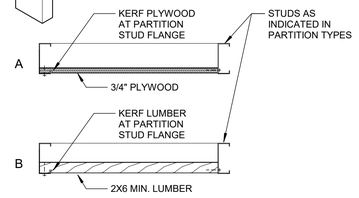


A

BACKING PLATE DETAIL:





BACKING PLATE SCHEDULE

TYPE	A	B
DESCRIPTION	3/4" PLYWOOD	2X6 NOMINAL LUMBER

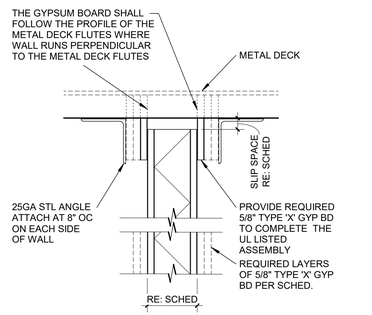
1. PROVIDE CONCEALED PLYWOOD OR LUMBER BACKING (FIRE-RETARDANT-TREATED WHERE REQUIRED) FOR SUPPORT OF WALL-MOUNTED GRAB BARS, HANDRAILS, FIXTURES, ACCESSORIES, SPECIALTIES, EQUIPMENT, TRIM AND CABINETS.
2. EXTEND BACKING TO NEXT STUD BEYOND ATTACHMENT LOCATION, BOTH DIRECTIONS.
3. ANCHOR BACKING SECURELY TO STUDS. KERF BACKING AT STUD FLANGES SO BACKING IS TIGHT TO BACK OF GYPSUM BOARD.

SLIP SPACE SCHEDULE

HORIZONTAL SPAN OF FLOOR BETWEEN BEAMS	OTHER FLOORS	ROOF
UP TO 30 FEET	1.5 INCH	2 INCH
31 TO 50 FEET	2.5 INCHES	3.3 INCHES
51 TO 60 FEET	3 INCHES	4 INCHES
61 TO 70 FEET	3.5 INCHES	4.7 INCHES

1. REFER TO STRUCTURAL DRAWINGS FOR BEAM SPANS.
2. SLIP SPACES GREATER THAN 1 1/2" SHALL USE PROPRIETARY DEEP LEG DEFLECTION TRACK.

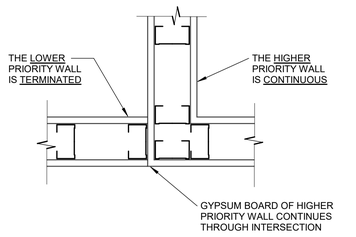
OPTIONAL HEAD OF DETAIL



PARTITION NOTES:

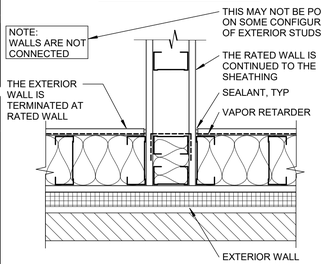
A. STUD SPACING IS 16 INCHES ON CENTER MAX.
B. REFER TO THE ARCHITECTURAL FLOOR PLANS (A100 SHEETS)
C. REFER TO THE DASHED LINES ON THE CODE PLANS (G005) FOR THE FIRE RATING LOCATIONS. PARTITIONS MUST CONFORM TO TESTED, RATED ASSEMBLIES WHEN THEY ARE INDICATED TO BE RATED ON THE ARCHITECTURAL CODE PLANS. WHEN NO RATING IS INDICATED, CONSTRUCT THE PARTITION PER THE INDICATED TYPE AS A NON-RATED ASSEMBLY.
D. LABEL FIRE AND SMOKE WALLS AS FOLLOWS: LABEL BOTH SIDES; LABEL ALL SECTIONS; USE 4" HIGH STENCILS; USE FLUORESCENT ORANGE PAINT; LOCATE ABOUT 12" ABOVE THE FINISHED CEILING; SPACE STENCILS 10 FEET OC MAX; SPECIFIC LABELS TO READ "1HR", "2HR", "1HR SMOKE", "2HR SMOKE", "SMOKE", ETC AS IDENTIFIED IN THE LIFE SAFETY PLANS.
E. PROVIDE STENCIL WITH THE LABEL "SOUND" AS DESCRIBED IN NOTE 3 ON ALL SOUND RATED WALLS IDENTIFIED BY A "#" SUFFIX AND THAT GO TO STRUCTURE.
F. PROVIDE FIRE STOP & SMOKE STOP SYSTEMS PER SPECIFICATION AT ALL PENETRATIONS & OPENINGS (INCLUDING THE PERIMETER) THROUGH FIRE RATED WALLS.
G. SEAL ALL PENETRATIONS & OPENINGS (INCLUDING THE PERIMETER) PER SPECIFICATIONS IN ALL SOUND RATED WALLS INDICATED BY A "#" SUFFIX.
H. THE PARTITION TYPES INDICATE THE BASIC WALL CONSTRUCTION ONLY. REFER TO ALL OF THE CONSTRUCTION DOCUMENTS FOR OTHER REQUIREMENTS INCLUDING: MECHANICAL, ELECTRICAL, PLUMBING, BLOCKING & BACKING, WALL BASE, WALL FINISH, AND RECESSED & SURFACE MOUNTED EQUIPMENT.
I. PROVIDE TESTED, RATED ASSEMBLIES AT THE TOP OF ALL PARTITIONS INDICATED TO BE FIRE OR SMOKE RATED THAT EXTEND TO THE BOTTOM OF STRUCTURE OR DECK ABOVE. ALL ASSEMBLIES SHALL BE TESTED BY UNDERWRITERS LABORATORY OR OTHER TESTING FACILITY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. PROVIDE A FIRE AND SMOKE RATING CONSISTENT WITH THE PARTITION. THE ASSEMBLY SHALL ALLOW VERTICAL MOVEMENT PER THE SLIP SPACE SCHEDULE.
J. WHEN WALLS CONTINUE PAST INTERMEDIATE STRUCTURE, FOR EXAMPLE IN MULTI-STORY STAIR ENCLOSURES, ATTACHMENT TO INTERMEDIATE STRUCTURE SHALL BE WITH A SLOTTED CONNECTION OR OTHER MEANS SO THAT STRUCTURAL DEFLECTION WILL NOT TRANSFER LOADS TO WALL FRAMING.
K. WHERE METAL DECK ASSEMBLIES AND FIRE RATED WALLS MEET, THE CONTRACTOR MAY INSTALL FIRE RATED MINERAL BATT INSULATION WITH FIRE CAULKING OR USE THE HEAD OF DETAIL SHOWN BELOW THE SLIP SPACE SCHEDULE ON THIS SHEET TO COMPLETE THE UL LISTED ASSEMBLY.

PARTITION PRIORITY:

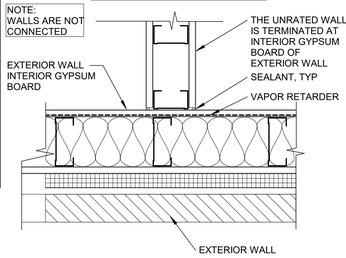


PARTITION TYPE	PRIORITY
3 HOUR FIRE	1 - HIGHEST
2 HOUR SHAFT	2
2 HOUR FIRE	3
1 HOUR SHAFT	4
1 HOUR	5
SMOKE	6
ACOUSTIC	7
NO FIRE OR ACOUSTIC RATING	8 - LOWEST

PARTITION TERMINATIONS AT EXTERIOR WALL:



RATED INTERIOR PARTITION



UNRATED INTERIOR PARTITION

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A003

PARTITION TYPES

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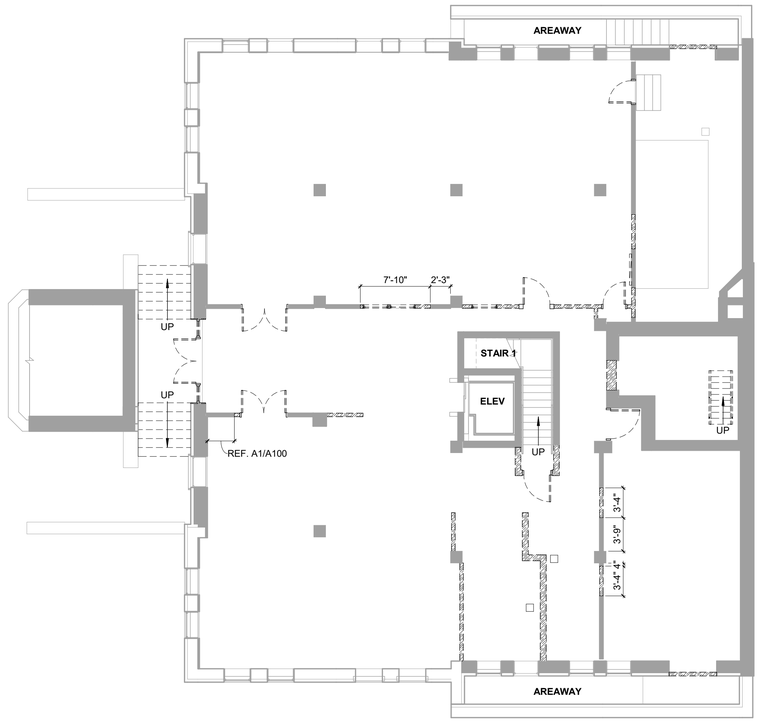

GENERAL DEMOLITION NOTES:

A REMOVE NON-HISTORIC FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB OR DECK, UNO

B PROVIDE SHORING AS NECESSARY AT REMOVED DOORS IN WALLS TO REMAIN.

C AT CONNECTIONS OF NON-HISTORIC WALLS TO BE REMOVED TO HISTORIC WALLS TO REMAIN PROTECT HISTORIC WALL FINISHES, CAREFULLY REMOVE NON-HISTORIC MATERIALS, AND PROVIDE CLEAN FINAL APPEARANCE

D PROTECT TERRAZZO FLOORING & METAL TRIM, STAIRS & RAILINGS FROM DAMAGE DURING DEMOLITION & CONSTRUCTION

E PROTECT CENTRAL CORE COMPONENETS INCLUDING WALLS, WALL FINISHES, DOORS, TRIM, ELEVATOR, STAIRS, & RAILINGS FROM DAMAGE DURING THE WORK

F REPAIR OR REPLACE ANY EXISTING MATERIALS INCLUDING BUT NOT LIMITED TO: DOORS, TRIM, WALL OR CEILING SURFACES. ETC.- WHICH ARE SCHEDULED TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION WITH MATERIALS IN-KIND MATCHING DIMENSIONS, PROFILE, MATERIAL, TEXTURE, AND FINISH.

G PROTECT EXISTING TREES, PLANTINGS, AND LANDSCAPING TO REMAIN DURING EXTERIOR WORK

H REMOVE EXISTING BUILDING WALLS, DOORS, AND OTHER BUILDING COMPONENTS AS INDICATED ON THE DRAWINGS, INCLUDING MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. CAREFULLY REMOVE OR DISMANTLE ITEMS SCHEDULED FOR REUSE OR SALVAGE TO OWNER

J COORDINATE REMOVAL AND/ OR SALVAGE OF EXISTING FIRE SPRINKLER EQUIPMENT, MECHANICAL EQUIPMENT, FIRE ALARM PANELS, ALARM PULL STATIONS, FIRE HOSE CABINETS, ELECTICAL PANELS, TELEPHONE PANELS, FUSE BOXES, PIPING, CONDUIT,ETC. WITH MEP DRAWINGS

K NOTIFY ARCHITECT IF DEMOLITION WORK UNCOVERS DAMAGED STRUCTURAL COMPONENTS NOT NOTED TO BE REPAIRED.

L REFERENCE ROOF DEMOLITION PLAN FOR ROOF DEMOLITION WORK

BASEMENT DEMOLITION PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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BASEMENT FLOOR DEMOLITION PLAN

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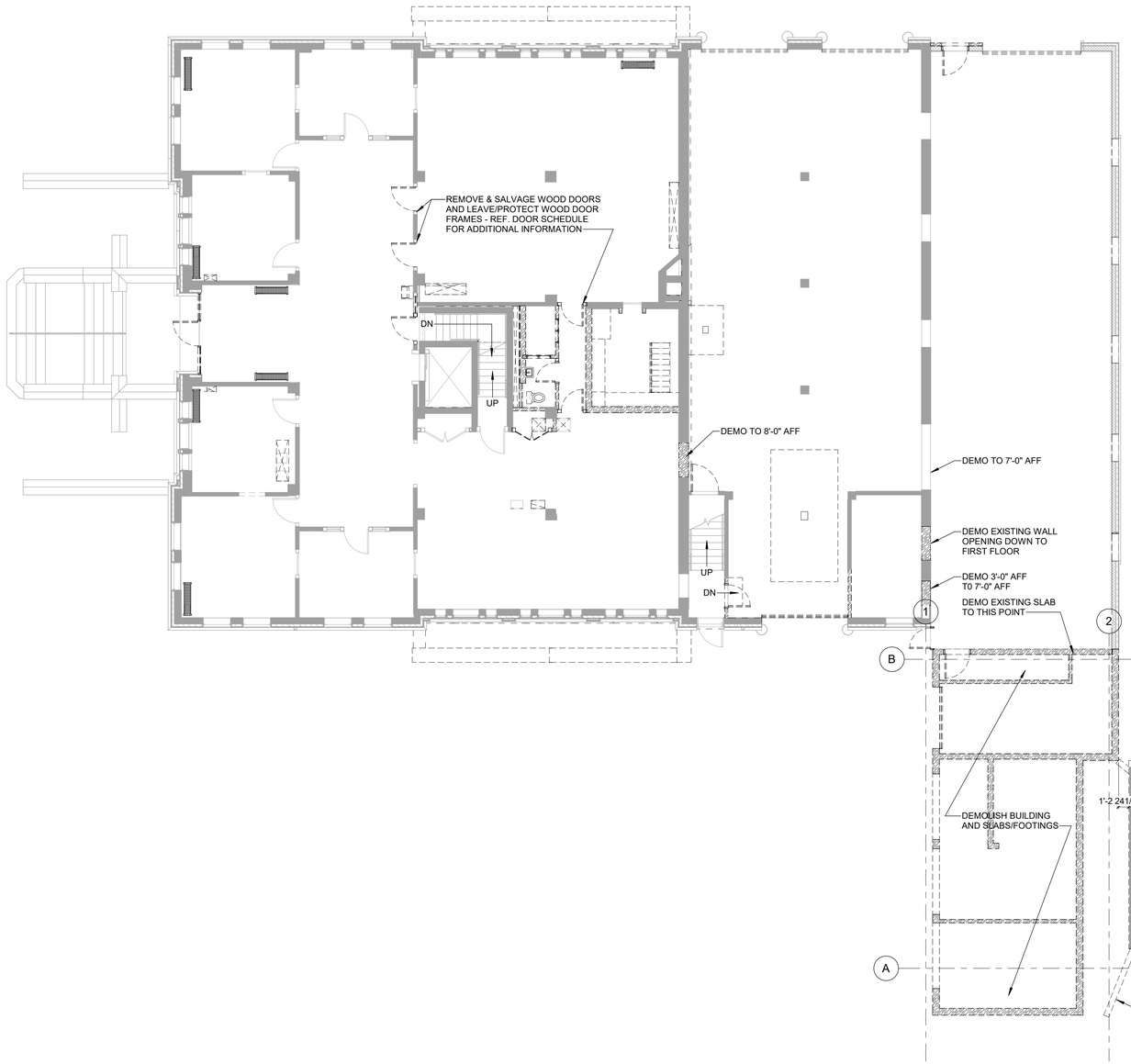

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L REFERENCE ROOF DEMOLITION PLAN FOR ROOF DEMOLITION WORK

FIRST FLOOR DEMOLITION PLAN A1

REF: A4\ A150

1/8" = 1'-0"

0 4' 8' 16'

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FIRST FLOOR DEMOLITION PLAN

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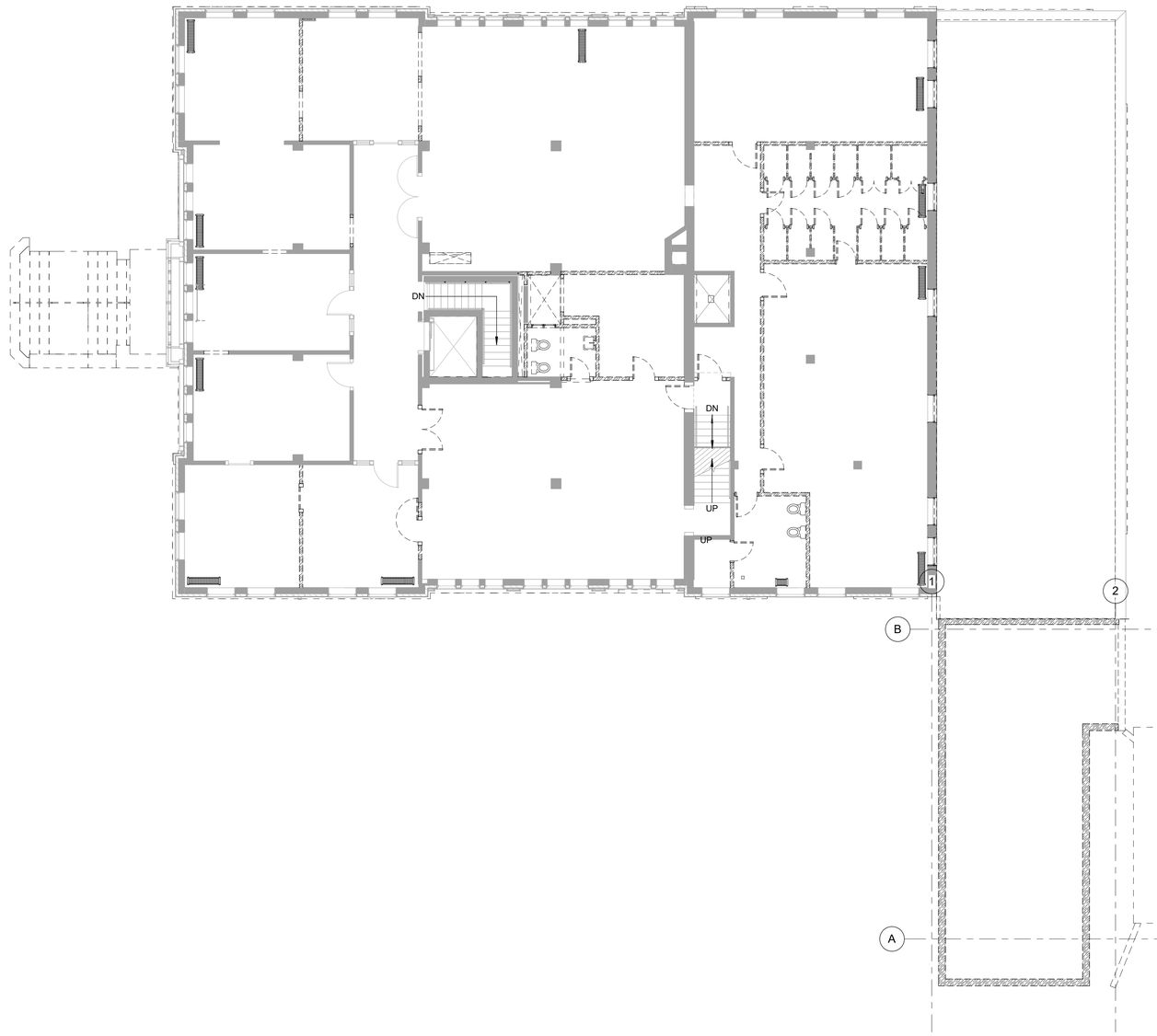

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L REFERENCE ROOF DEMOLITION PLAN FOR ROOF DEMOLITION WORK

SECOND FLOOR DEMOLITION PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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SECOND FLOOR DEMOLITION PLAN

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1/24/2022 10:43:40 AM



GENERAL DEMOLITION NOTES:

A REMOVE NON-HISTORIC FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB OR DECK, UNO

B PROVIDE SHORING AS NECESSARY AT REMOVED DOORS IN WALLS TO REMAIN.

C AT CONNECTIONS OF NON-HISTORIC WALLS TO BE REMOVED TO HISTORIC WALLS TO REMAIN PROTECT HISTORIC WALL FINISHES, CAREFULLY REMOVE NON-HISTORIC MATERIALS, AND PROVIDE CLEAN FINAL APPEARANCE

D PROTECT TERRAZZO FLOORING & METAL TRIM, STAIRS & RAILINGS FROM DAMAGE DURING DEMOLITION & CONSTRUCTION

E PROTECT CENTRAL CORE COMPONENETS INCLUDING WALLS, WALL FINISHES, DOORS, TRIM, ELEVATOR, STAIRS, & RAILINGS FROM DAMAGE DURING THE WORK

F REPAIR OR REPLACE ANY EXISTING MATERIALS INCLUDING BUT NOT LIMITED TO: DOORS, TRIM, WALL OR CEILING SURFACES. ETC.- WHICH ARE SCHEDULED TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION WITH MATERIALS IN-KIND MATCHING DIMENSIONS, PROFILE, MATERIAL, TEXTURE, AND FINISH.

G PROTECT EXISTING TREES, PLANTINGS, AND LANDSCAPING TO REMAIN DURING EXTERIOR WORK

H REMOVE EXISTING BUILDING WALLS, DOORS, AND OTHER BUILDING COMPONENTS AS INDICATED ON THE DRAWINGS, INCLUDING MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. CAREFULLY REMOVE OR DISMANTLE ITEMS SCHEDULED FOR REUSE OR SALVAGE TO OWNER

J COORDINATE REMOVAL AND/ OR SALVAGE OF EXISTING FIRE SPRINKLER EQUIPMENT, MECHANICAL EQUIPMENT, FIRE ALARM PANELS, ALARM PULL STATIONS, FIRE HOSE CABINETS, ELECTICAL PANELS, TELEPHONE PANELS, FUSE BOXES, PIPING, CONDUIT,ETC. WITH MEP DRAWINGS

K NOTIFY ARCHITECT IF DEMOLITION WORK UNCOVERS DAMAGED STRUCTURAL COMPONENTS NOT NOTED TO BE REPAIRED.

L REFERENCE ROOF DEMOLITION PLAN FOR ROOF DEMOLITION WORK

THIRD FLOOR DEMOLITION PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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CITY HALL RENOVATION

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DEMO ELEVATION- EAST D1

1/8" = 1'-0"

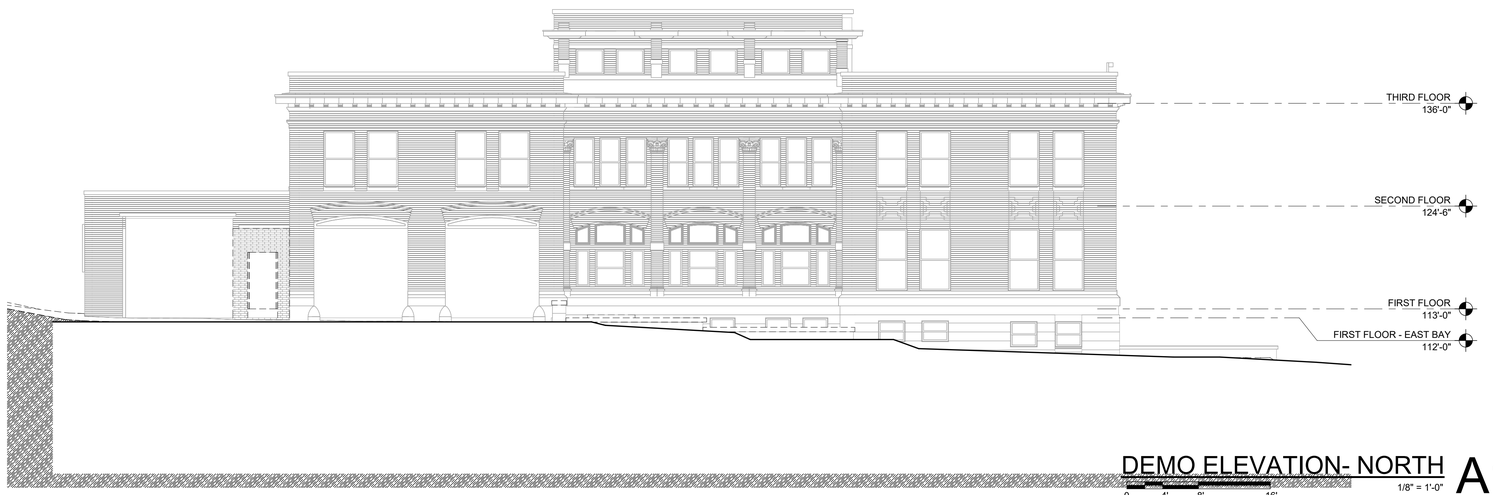
0 4' 8' 16'



DEMO ELEVATION- SOUTH B1

1/8" = 1'-0"

0 4' 8' 16'



DEMO ELEVATION- NORTH A1

1/8" = 1'-0"

0 4' 8' 16'

GENERAL DEMOLITION NOTES:

A REMOVE NON-HISTORIC FLOOR FINISHES DOWN TO EXISTING CONCRETE SLAB OR DECK, UNO

B PROVIDE SHORING AS NECESSARY AT REMOVED DOORS IN WALLS TO REMAIN.

C AT CONNECTIONS OF NON-HISTORIC WALLS TO BE REMOVED TO HISTORIC WALLS TO REMAIN PROTECT HISTORIC WALL FINISHES, CAREFULLY REMOVE NON-HISTORIC MATERIALS, AND PROVIDE CLEAN FINAL APPEARANCE

D PROTECT TERRAZZO FLOORING & METAL TRIM, STAIRS & RAILINGS FROM DAMAGE DURING DEMOLITION & CONSTRUCTION

E PROTECT CENTRAL CORE COMPONENETS INCLUDING WALLS, WALL FINISHES, DOORS, TRIM, ELEVATOR, STAIRS, & RAILINGS FROM DAMAGE DURING THE WORK

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G PROTECT EXISTING TREES, PLANTINGS, AND LANDSCAPING TO REMAIN DURING EXTERIOR WORK

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J COORDINATE REMOVAL AND/ OR SALVAGE OF EXISTING FIRE SPRINKLER EQUIPMENT, MECHANICAL EQUIPMENT, FIRE ALARM PANELS, ALARM PULL STATIONS, FIRE HOSE CABINETS, ELECTICAL PANELS, TELEPHONE PANELS, FUSE BOXES, PIPING, CONDUIT,ETC. WITH MEP DRAWINGS

K NOTIFY ARCHITECT IF DEMOLITION WORK UNCOVERS DAMAGED STRUCTURAL COMPONENTS NOT NOTED TO BE REPAIRED.

L REFERENCE ROOF DEMOLITION PLAN FOR ROOF DEMOLITION WORK

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DEMO ELEVATIONS

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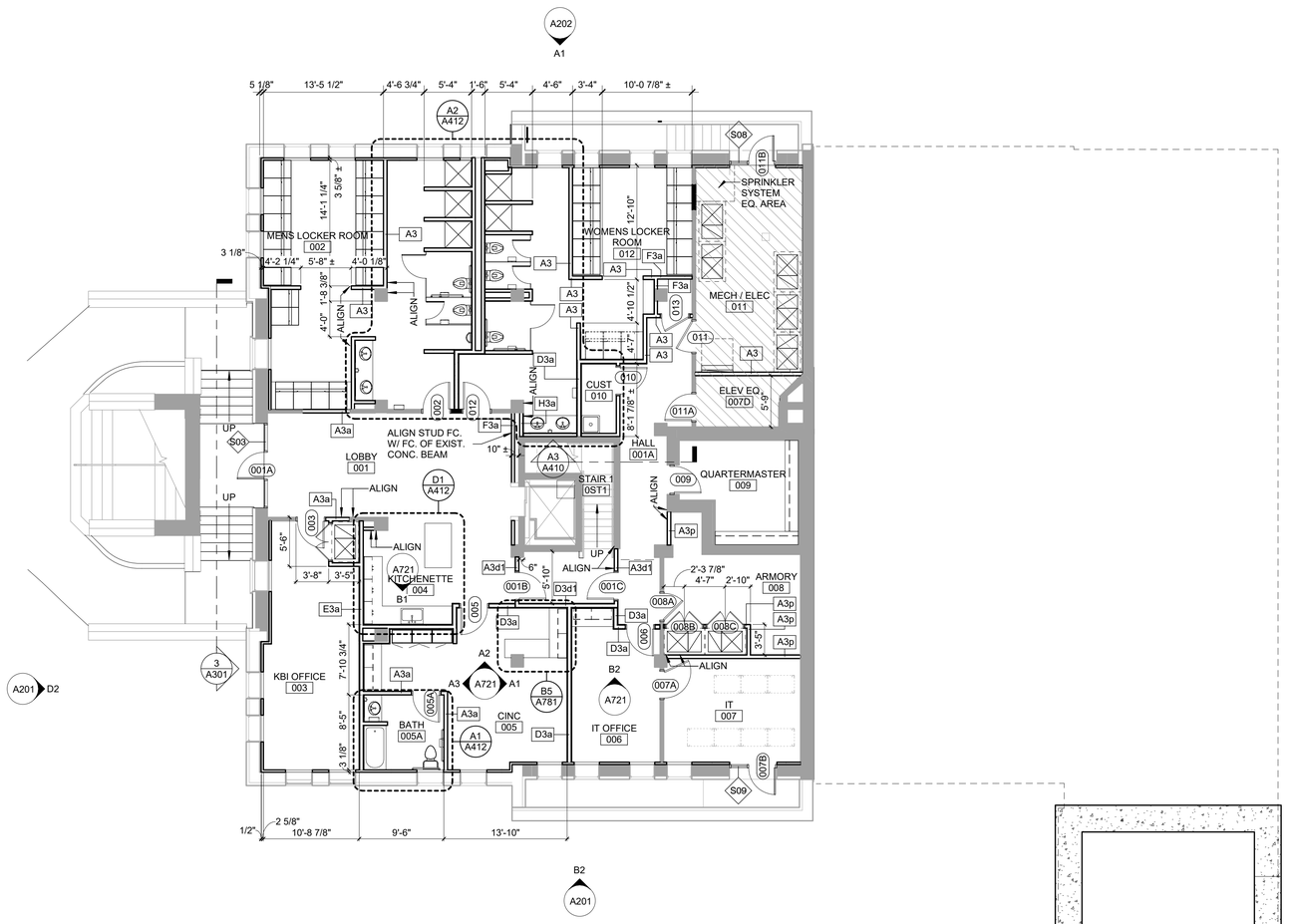

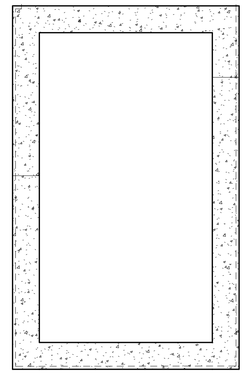

GENERAL PLAN NOTES:

A DIMENSIONS ARE FROM FACE OF METAL STUD OR FACE OF EXISTING FINISH WALL, U.N.O.

B DOOR MARKS BEGINNING WITH "X" ARE EXISTING DOORS TO REMAIN. ALL OTHER DOORS ARE NEW.

C EXISTING FLOORING SHALL BE MADE LEVEL, PLUMB AND IN SOUND CONDITION AS REQUIRED FOR THE INSTALLATION OF SCHEDULED FINISHES, TYPICAL.

D PATCH AND REPAIR EXISTING CONSTRUCTION SCHEDULED TO REMAIN (WALLS, DOORS, CEILINGS, FLOORS, ETC.) TO ALLOW FOR NEW OR COMPLETION OF EXISTING FINISHES. REPAIRS OR REPLACEMENTS MUST BE DURABLE, SEAMLESS, AND MATCH THE EXISTING MATERIAL IN TEXTURE, PROFILE, DIMENSION, FINISH, AND WHERE APPROPRIATE, SPECIES.

E RESEAL INTERIOR AND EXTERIOR OF ALL WINDOWS. PROTECT INTERIOR SURROUNDING FINISHES AND EXTERIOR SURROUNDING MASONRY AS NECESSARY.

F EVERY OFFICE TO INCLUDE COAT HOOK MOUNTED ON WALL ADJACENT TO DOOR OPENING

G DO NOT SCALE DRAWINGS.

BASEMENT PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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A100

BASEMENT PLAN

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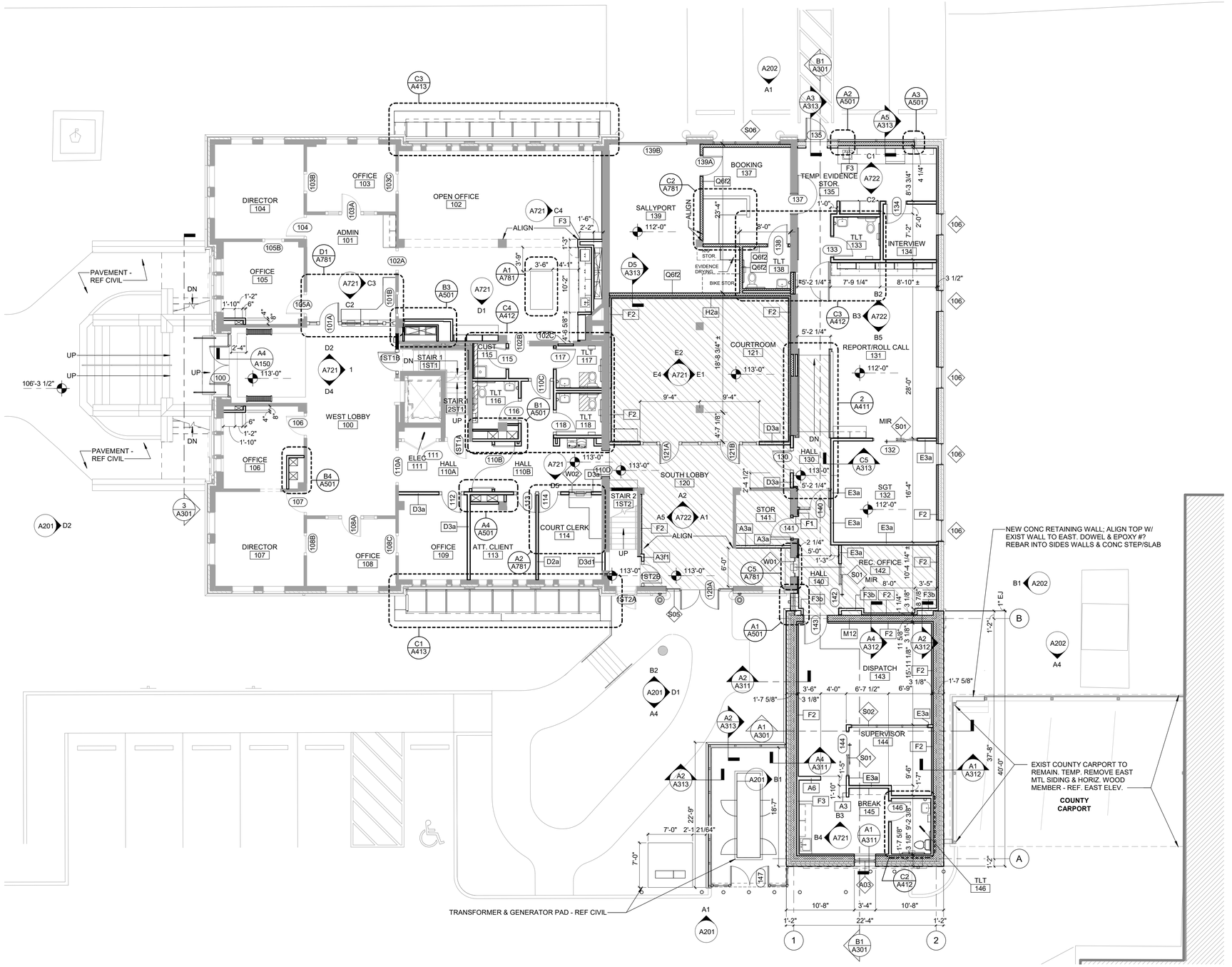
F EVERY OFFICE TO INCLUDE COAT HOOK MOUNTED ON WALL ADJACENT TO DOOR OPENING

G DO NOT SCALE DRAWINGS.



FIRST FLOOR PLAN A1

1/8" = 1'-0"

0 4" 8" 16'

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FIRST FLOOR PLAN

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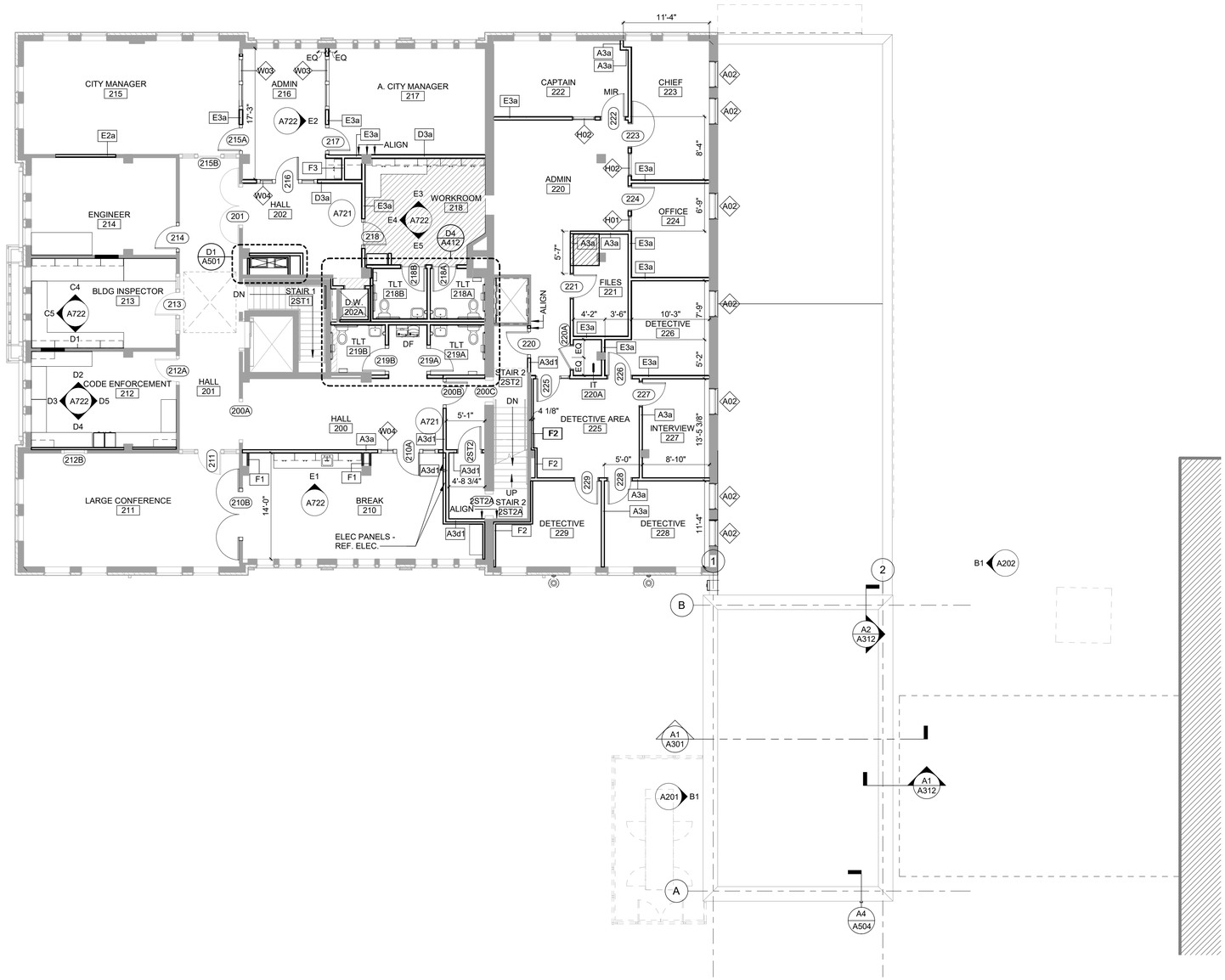

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E RESEAL INTERIOR AND EXTERIOR OF ALL WINDOWS. PROTECT INTERIOR SURROUNDING FINISHES AND EXTERIOR SURROUNDING MASONRY AS NECESSARY.

F EVERY OFFICE TO INCLUDE COAT HOOK MOUNTED ON WALL ADJACENT TO DOOR OPENING

G DO NOT SCALE DRAWINGS.

SECOND FLOOR PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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SECOND FLOOR PLAN

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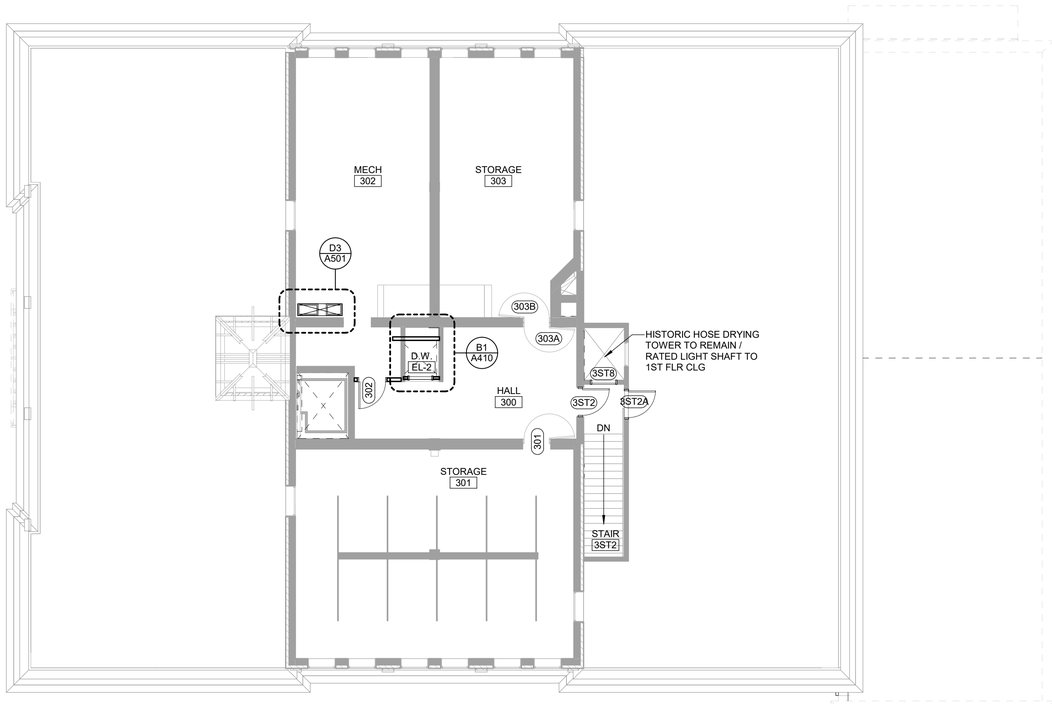



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F EVERY OFFICE TO INCLUDE COAT HOOK MOUNTED ON WALL ADJACENT TO DOOR OPENING

G DO NOT SCALE DRAWINGS.

THIRD FLOOR PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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THIRD FLOOR PLAN

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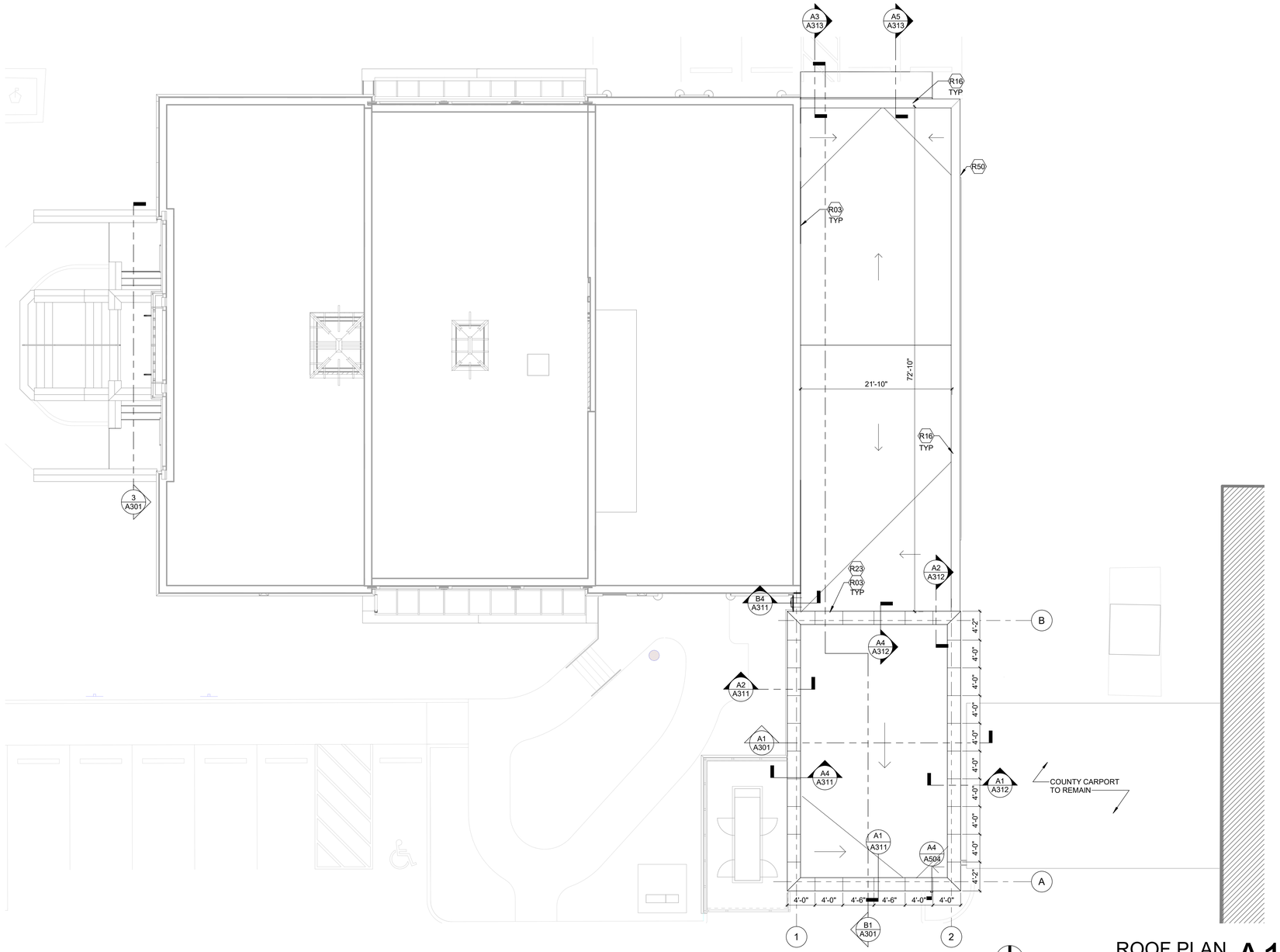
GENERAL NOTES - ROOF

A PRIOR TO ROOFING INSTALLATION, INSPECT EXISTING CONCRETE ROOF DECK FOR CRACKS OR SPALLING. REMOVE LOOSE MATERIALS & SEAL CREACKS BEFORE INSTALLING ROOF SYSTEM, 030130

B PROTECT EXTERIOR FINISHES TO REMAIN FROM DAMAGE DURING ROOF WORK AS NECESSARY

C PROTECT EXISTING LANDSCAPING AND TREES AS NECESSARY DURING CONSTRUCTION.



ROOF PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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ROOF PLAN

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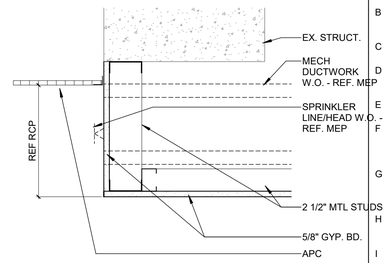


GYP TO APC TRANSITION D1

0 3" 6" 1' 1 1/2" = 1'-0"

GENERAL RCP NOTES:

A CONTRACTOR SHALL COORDINATE STURCTURAL, PLUMBING, MECHANICAL, FIRE PROTECTION AND ELECTRICAL WORK WITH CEILING HEIGHTS AND ARCHITECTURAL WORK.

B COORDINATE WORK WITH MEP AND SPRINKLER PIPE ROUTING AND REQUIREMENTS ON MEP AND FIRE PROTECTION DRAWINGS.

C PAINT DUCTWORK, PIPING, AND CONDUIT EXPOSED TO VIEW

D INFILL AND PATCH OPENINGS MADE AS A RESULT OF DEMOLITION. MAINTAIN FIRE-RATED CONSTRUCTION -REF. CODE PLANS.

E PATCH EXISTING GYP BOARD OR PLASTER CEILINGS TO REMAIN

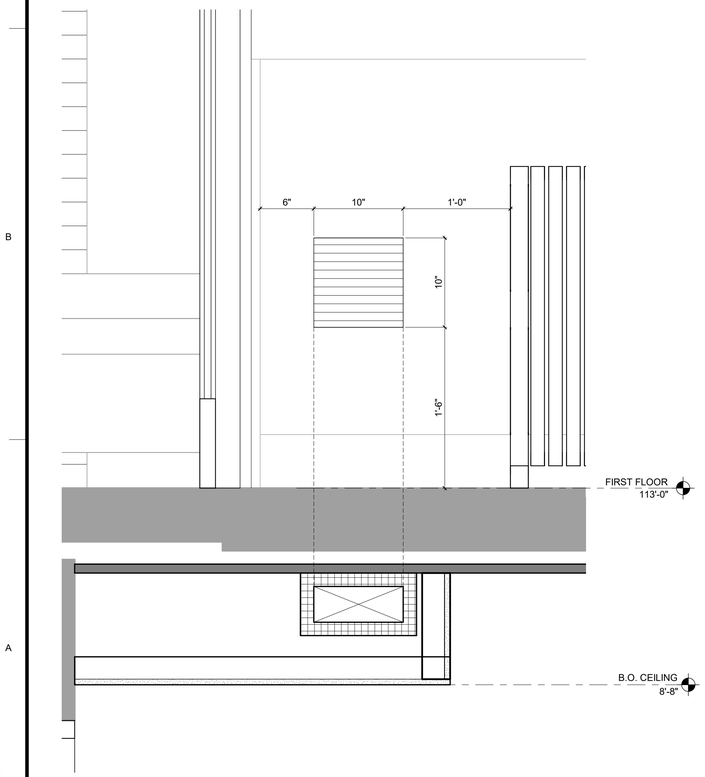
F CEILING GRID TO BE CENTERED IN ROOM, UNLESS OTHERWISE NOTED OR DIMENSIONED
GRID TO BE CENTERED IN ROOM, UNLESS OTHERWISE NOTED OR DIMENSIONED

G FACE OF BULKHEADS AND SOFFITS ARE TO ALIGN WITH FACE OF ADJACENT WALLS TO WHICH BULKHEAD / SOFFIT FACE ARE PARALLEL, UNLESS OTHERWISE NOTED OR DIMENSIONED.

H NOTIFY ARCHITECT/ENGINEER OF ITEMS NOT SHOWN ON REFLECTED CEILING PLAN AND LOCATE PER ARCHITECT/ENGINEER'S DIRECTION

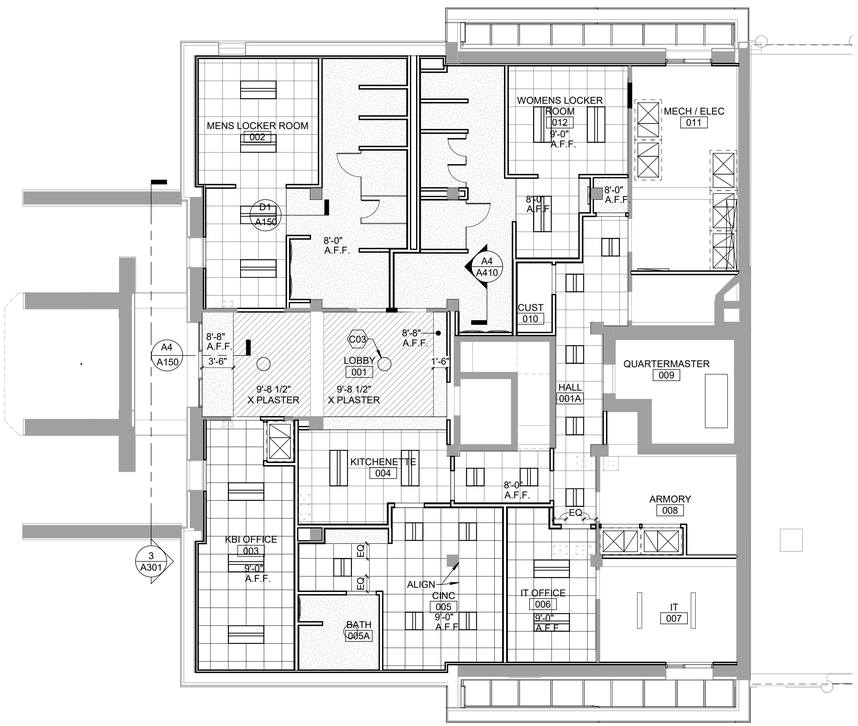
I CEILING MOUNTED OR RECESSED ITEMS, SUCH AS SPRINKLER HEADS, SPEAKERS, GRILLES, LIGHTS, ETC. SHALL BE CENTERED IN THE LAY-IN CEILING PANELS UNO. AT GYPSUM B.D CEILINGS INSTLAL IN CONSISTENT PATTERN OR AS DIMENSIONED IN RCP

J AREA OF NON-HISTORIC SURFACE LIGHT FIXTURE REMOVAL. INFILL, PATCH AND REPAIR AS REQUIRED FOR CLEAN FINISH TO BLEND ADN MATCH SURROUNDING EXISTING PLASTER.



WALL MECH. GRILLE DTL. A4

1 1/2" = 1'-0"



BASEMENT RCP A1

0 4' 8' 16' 1/8" = 1'-0"

CEILING FINISH LEGEND

- APC1
- GYPSUM BOARD CEILING - PAINTED (PT1)
- EXIST PLASTER CEILING - PAINTED (PT1) PLASTER REPAIR LEVEL 1 - 50%
- EXPOSED CONCRETE STRUCTURE

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BASEMENT RCP

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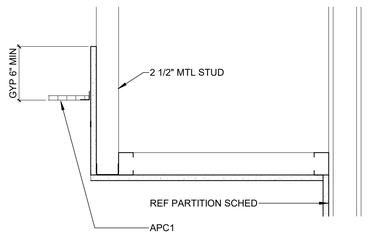
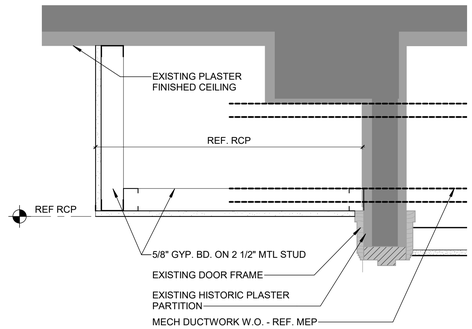
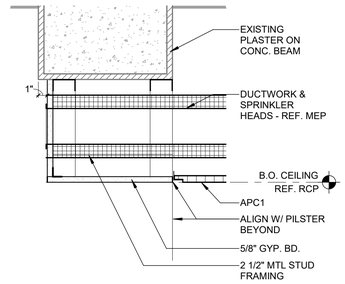


SOFFIT @ CASEWORK D3



SOFFIT @ EXISTING D2



OFFICE STEP CLNG D1

GENERAL NOTES - RCP

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B COORDINATE WORK WITH MEP AND SPRINKLER PIPE ROUTING AND REQUIREMENTS ON MEP AND FIRE PROTECTION DRAWINGS.

C PAINT DUCTWORK, PIPING, AND CONDUIT EXPOSED TO VIEW

D INFILL AND PATCH OPENINGS MADE AS A RESULT OF DEMOLITION. MAINTAIN FIRE-RATED CONSTRUCTION -REF. CODE PLANS.

E PATCH EXISTING GYP BOARD OR PLASTER CEILINGS TO REMAIN

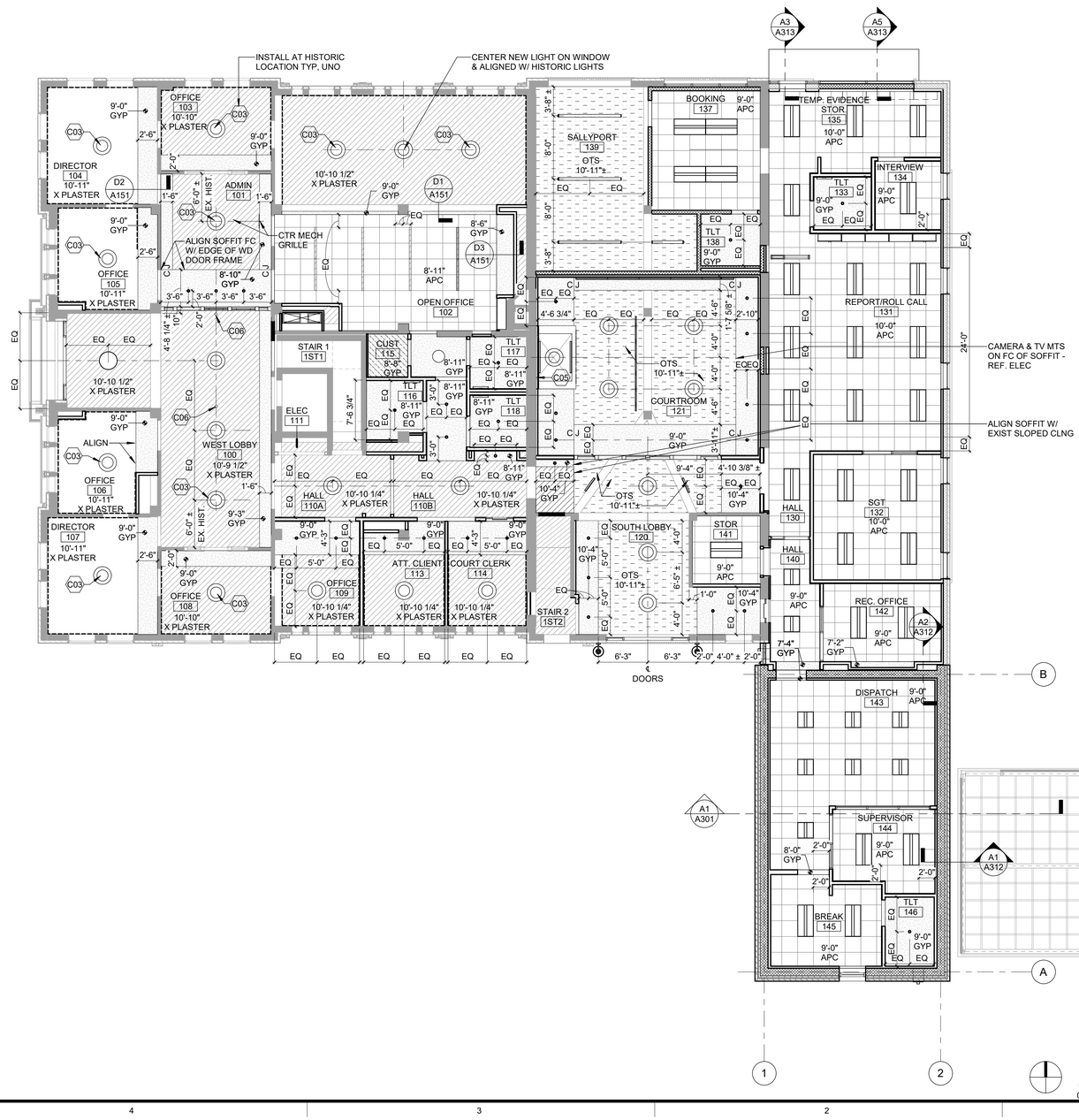
F CEILING GRID TO BE CENTERED IN ROOM, UNLESS OTHERWISE NOTED OR DIMENSIONED
GRID TO BE CENTERED IN ROOM, UNLESS OTHERWISE NOTED OR DIMENSIONED

G FACE OF BULKHEADS AND SOFFITS ARE TO ALIGN WITH FACE OF ADJACENT WALLS TO WHICH BULKHEAD / SOFFIT FACE ARE PARALLEL, UNLESS OTHERWISE NOTED OR DIMENSIONED.

H NOTIFY ARCHITECT/ENGINEER OF ITEMS NOT SHOWN ON REFLECTED CEILING PLAN AND LOCATE PER ARCHITECT/ENGINEER'S DIRECTION

I CEILING MOUNTED OR RECESSED ITEMS, SUCH AS SPRINKLER HEADS, SPEAKERS, GRILLES, LIGHTS, ETC. SHALL BE CENTERED IN THE LAY-IN CEILING PANELS UNO. AT GYPSUM B.D CEILINGS INSTLAL IN CONSISTENT PATTERN OR AS DIMENSIONED IN RCP

J AREA OF NON-HISTORIC SURFACE LIGHT FIXTURE REMOVAL. INFILL, PATCH AND REPAIR AS REQUIRED FOR CLEAN FINISH TO BLEND ADN MATCH SURROUNDING EXISTING PLASTER.



FIRST FLOOR RCP A1

1/8" = 1'-0"

CEILING FINISH LEGEND

- APC1
- GYPSUM BOARD CEILING - PAINTED (PT1)
- EXIST PLASTER CEILING - PAINTED (PT1)
  PLASTER REPAIR LEVEL 1 - 50%
- EXPOSED CONCRETE STRUCTURE

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A151

FIRST FLOOR RCP

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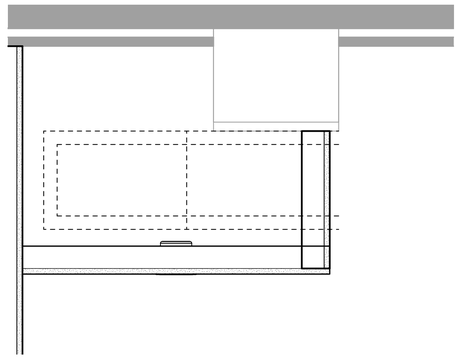
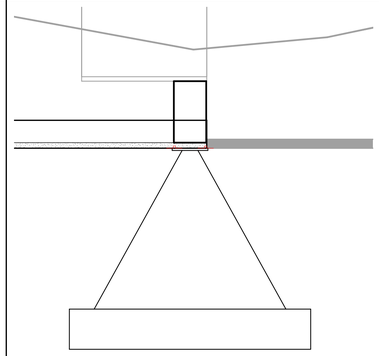
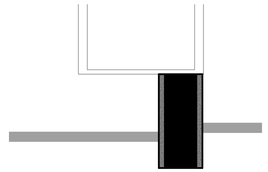


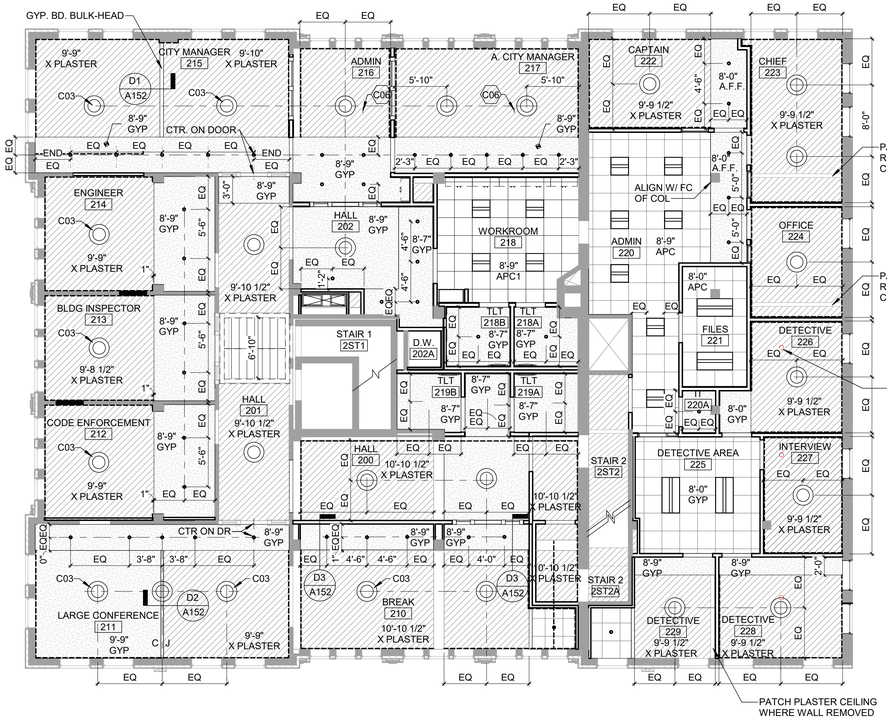
2ND TYP SOFFIT-BEAM D3
1 1/2" = 1'-0"



2ND CONF. RM. DTL D2
1 1/2" = 1'-0"



2ND CM OFFICE DTL D1
1 1/2" = 1'-0"



PATCH CEILING WHERE WALL REMOVED, IF CEILING DOES NOT CONTINUE, PROV. BULK-HEAD

PATCH CEILING WHERE WALL REMOVED, IF CEILING DOES NOT CONTINUE, PROV. BULK-HEAD

PATCH FIXTURE REMOVAL, TYP.; NOT ALL IDENTIFIED IN DRAWINGS

SECOND FLOOR RCP A1
1/8" = 1'-0"
0 4' 8' 16'

CEILING FINISH LEGEND

- APC1
- GYPSUM BOARD CEILING - PAINTED (PT1)
- EXIST PLASTER CEILING - PAINTED (PT1) PLASTER REPAIR LEVEL 1 - 50%
- EXPOSED CONCRETE STRUCTURE

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SECOND FLOOR RCP

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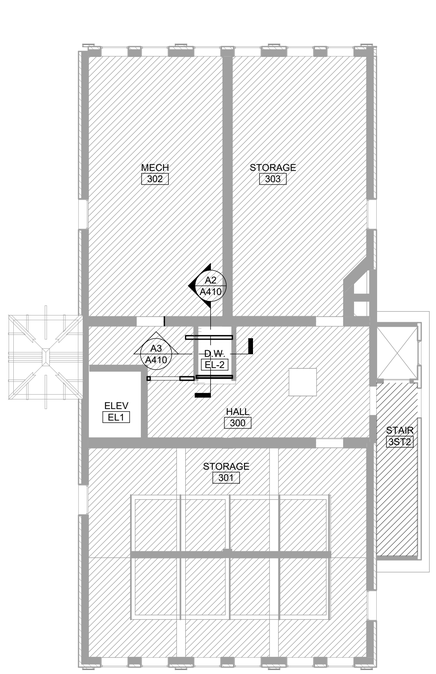

THIRD FLOOR RCP A1

1/8" = 1'-0"

0 4' 8' 16'

CEILING FINISH LEGEND

- APC1
- GYPSUM BOARD CEILING - PAINTED (PT1)
- EXIST PLASTER CEILING - PAINTED (PT1)
  PLASTER REPAIR LEVEL 1 - 50%
- EXPOSED CONCRETE STRUCTURE

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A153

THIRD FLOOR RCP

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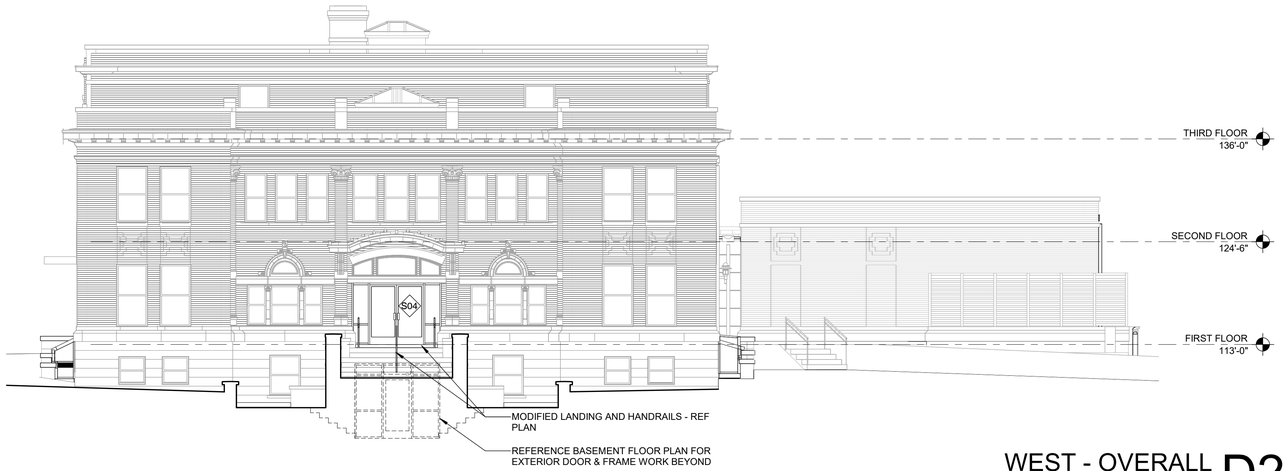
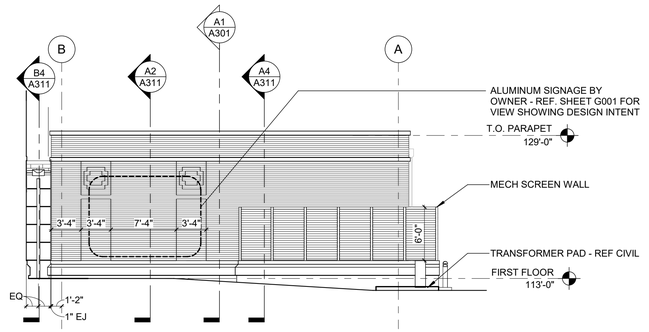


WEST - OVERALL D2

1/8" = 1'-0"

0 4' 8' 16'



WEST - ADDITION D1

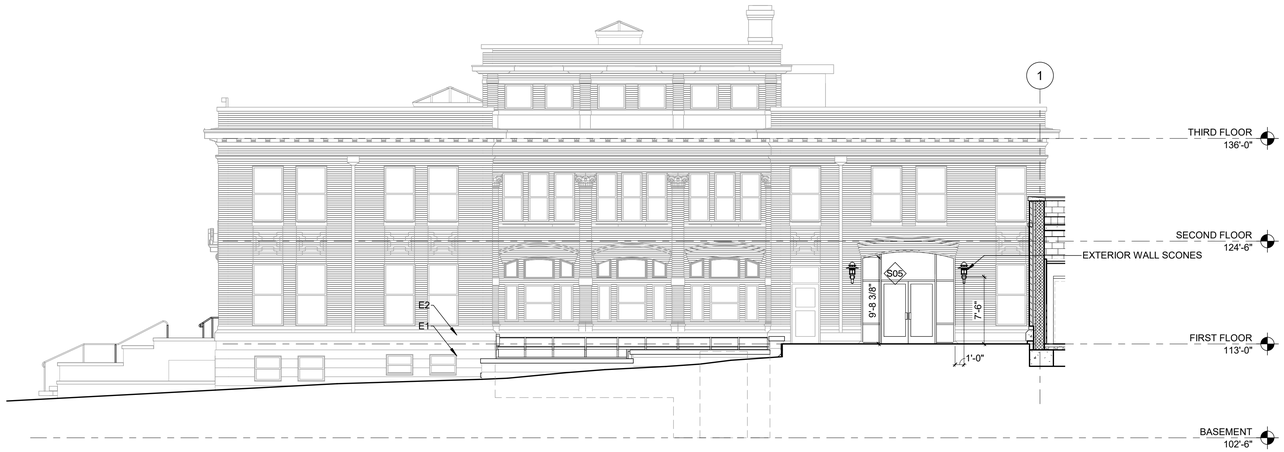
1/8" = 1'-0"

0 4' 8' 16'

ELEVATION KEYNOTES

E1 04 0343 REMOVE LOOSE MATERIAL FROM CARTHAGE MARBLE FOUNDATION WALL AND REDRESS STONE TYP.

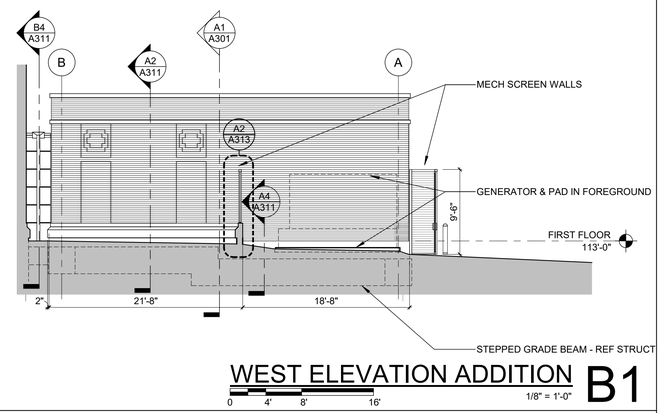
E2 04 0343 EXISTING CARTHAGE MARBLE LIMESRONE CAPS SHALL BE 100% REPOINTED WITH SEALANT



SOUTH - OVERALL B2

1/8" = 1'-0"

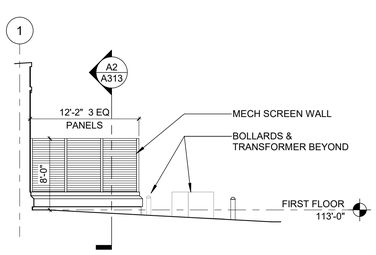
0 4' 8' 16'



WEST ELEVATION ADDITION B1

1/8" = 1'-0"

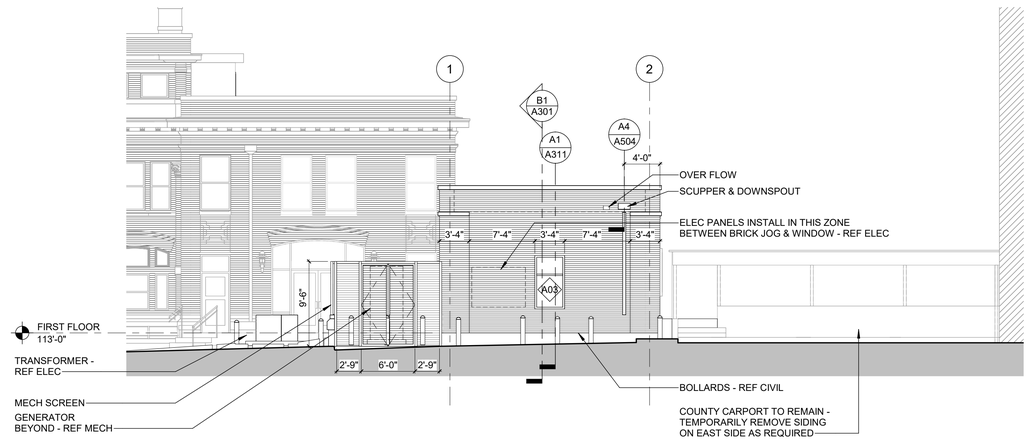
0 4' 8' 16'



NORTH - MECH SCREEN A4

1/8" = 1'-0"

0 4' 8' 16'



SOUTH - ADDITION & CARPORT A1

1/8" = 1'-0"

0 4' 8' 16'

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A201

ELEVATIONS

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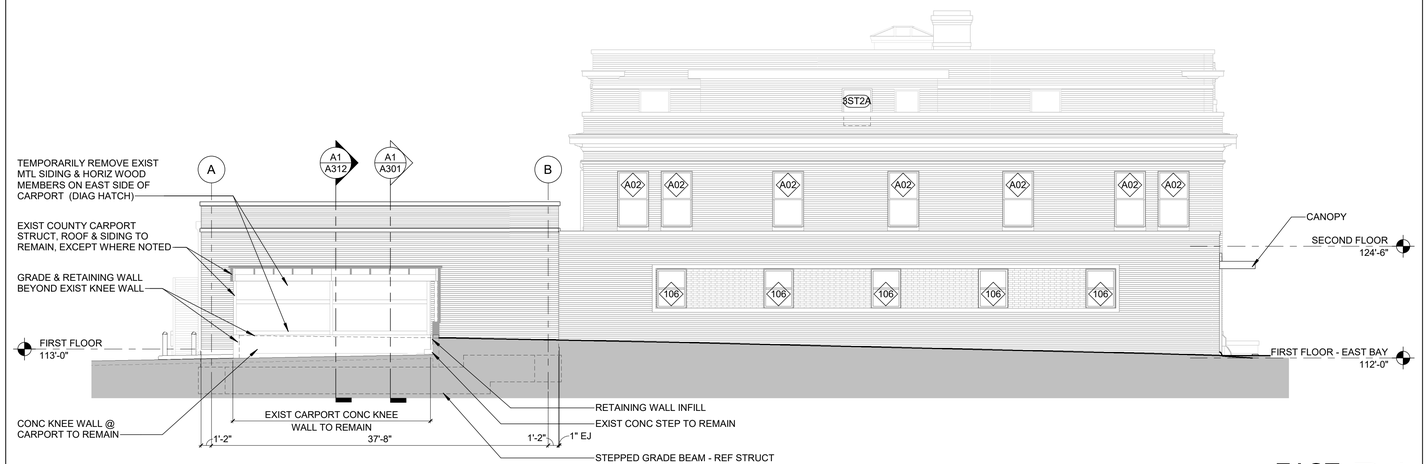
1/24/2022 10:42:22 AM

ELEVATION KEYNOTES (#)

E1 04 0343 REMOVE LOOSE MATERIAL FROM CARTHAGE MARBLE FOUNDATION WALL AND REDRESS STONE TYP.

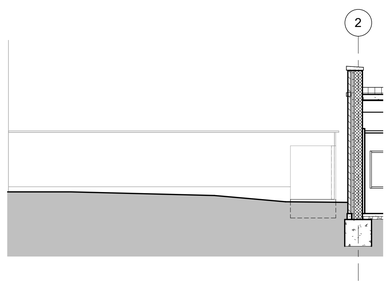
E2 04 0343 EXISTING CARTHAGE MARBLE LIMESRONE CAPS SHALL BE 100% REPOINTED WITH SEALANT



EAST B1

1/8" = 1'-0"

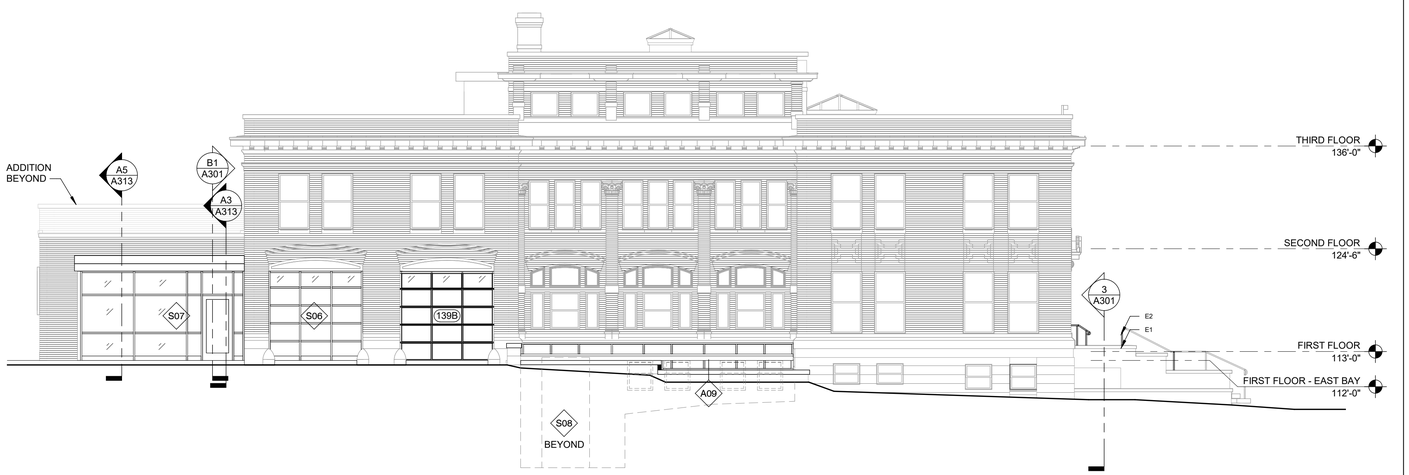
0 4' 8' 16'



NORTH - CARPORT A4

1/8" = 1'-0"

0 4' 8' 16'



NORTH A1

1/8" = 1'-0"

0 4' 8' 16'

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A202

ELEVATIONS

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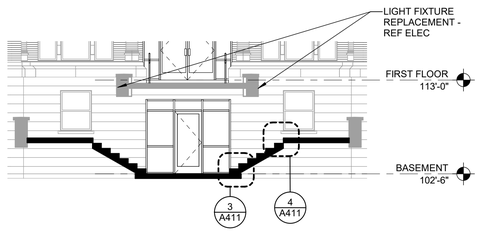
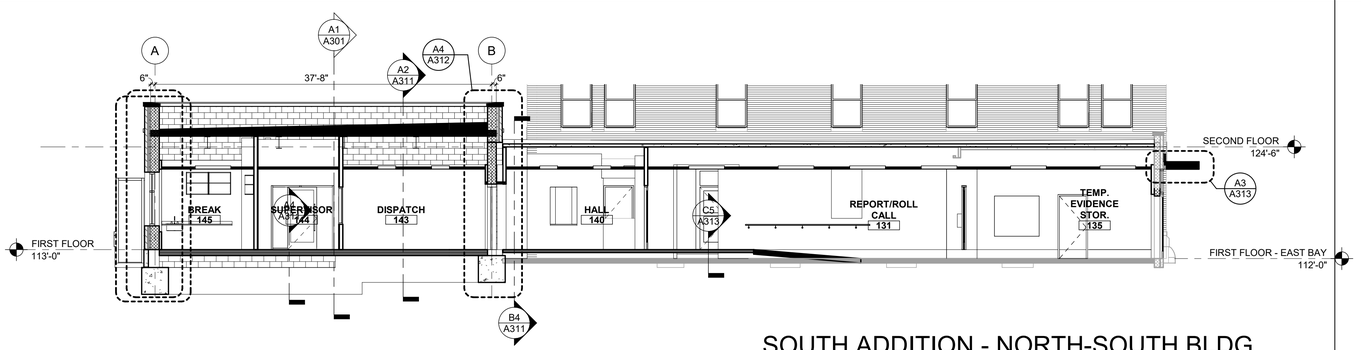


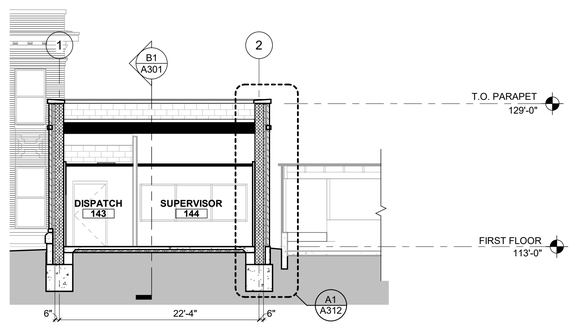
WEST BASEMENT STAIR SECT 3

1/8" = 1'-0"



SOUTH ADDITION - NORTH-SOUTH BLDG SECT B1

1/8" = 1'-0"



SOUTH ADDITION - EAST-WEST BLDG SECT A1

1/8" = 1'-0"

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A301

BUILDING SECTIONS & RAMP DTLS

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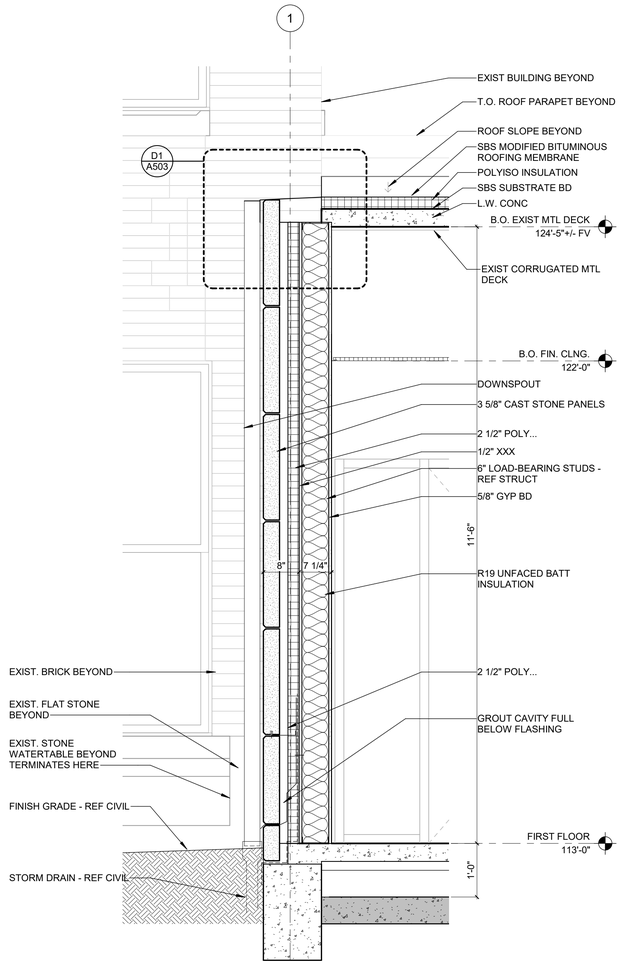
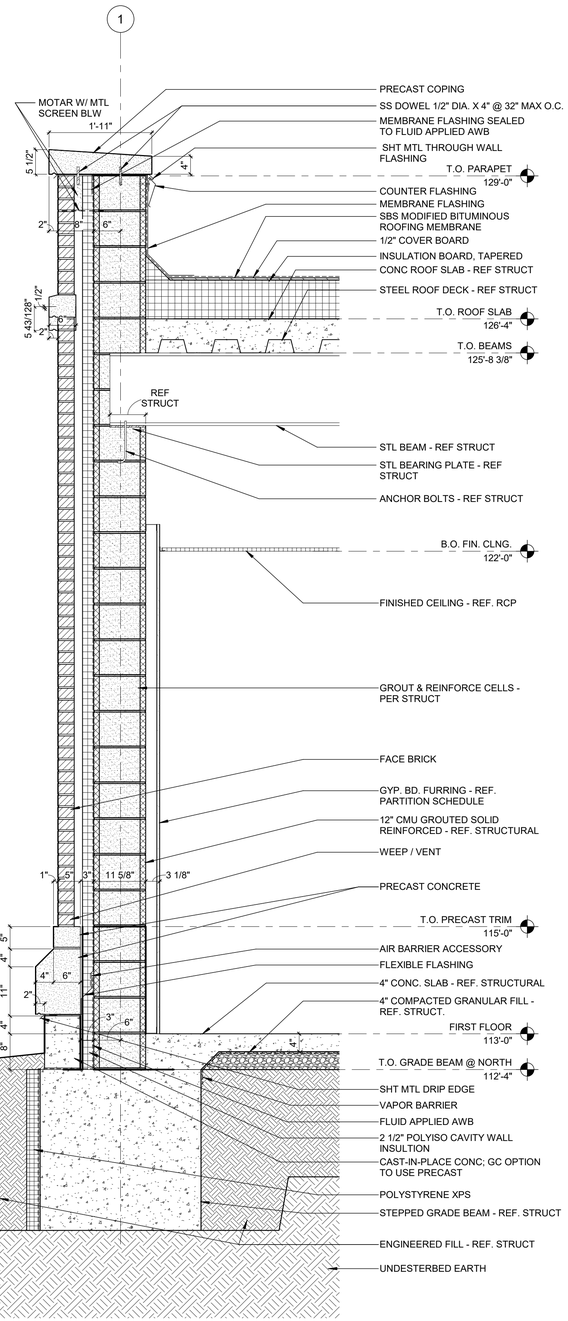


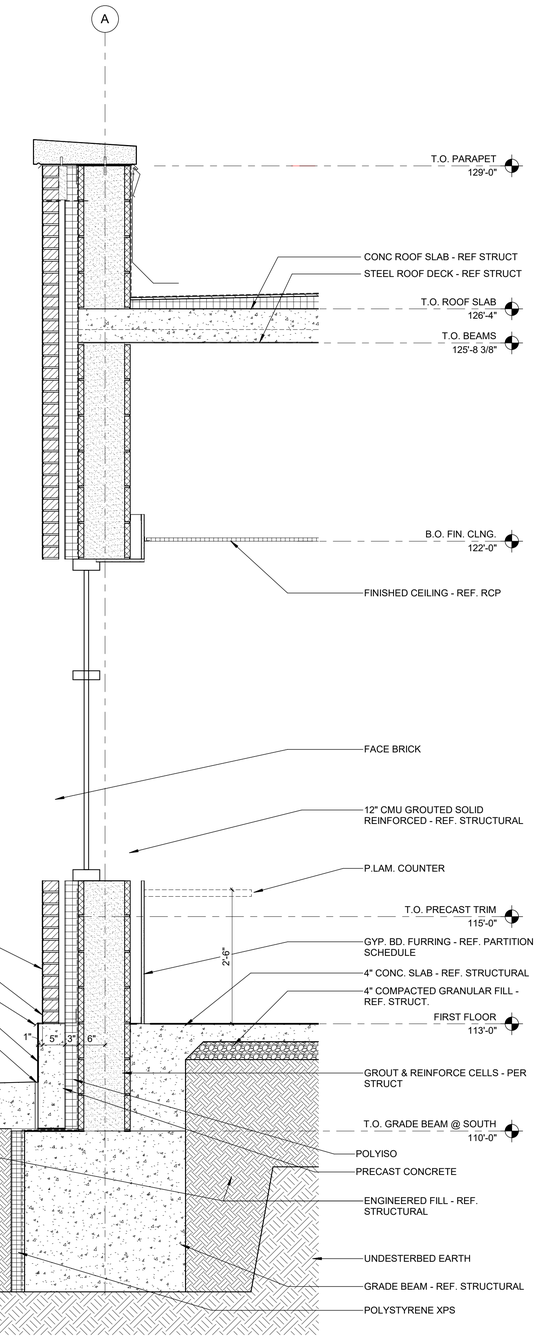
S ADDITION - W WALL SECT @ STONE B4

3/4" = 1'-0"



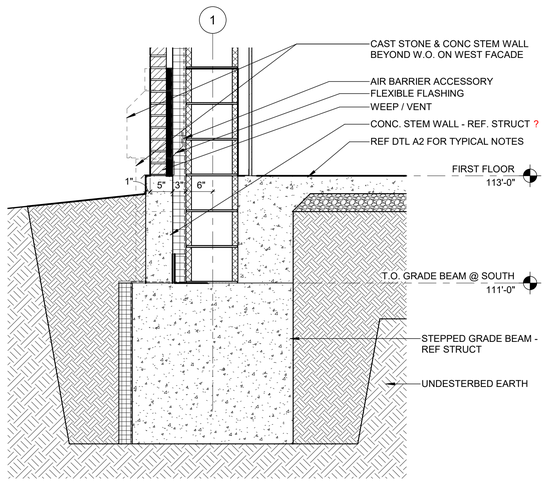
S ADDITION - W WALL SECT @ PRECAST CAP A2

3/4" = 1'-0"



S ADDITION - S WALL SECT A1

3/4" = 1'-0"



S ADDITION - W WALL SECT @ MECH A4

3/4" = 1'-0"

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A311

WALL SECTIONS

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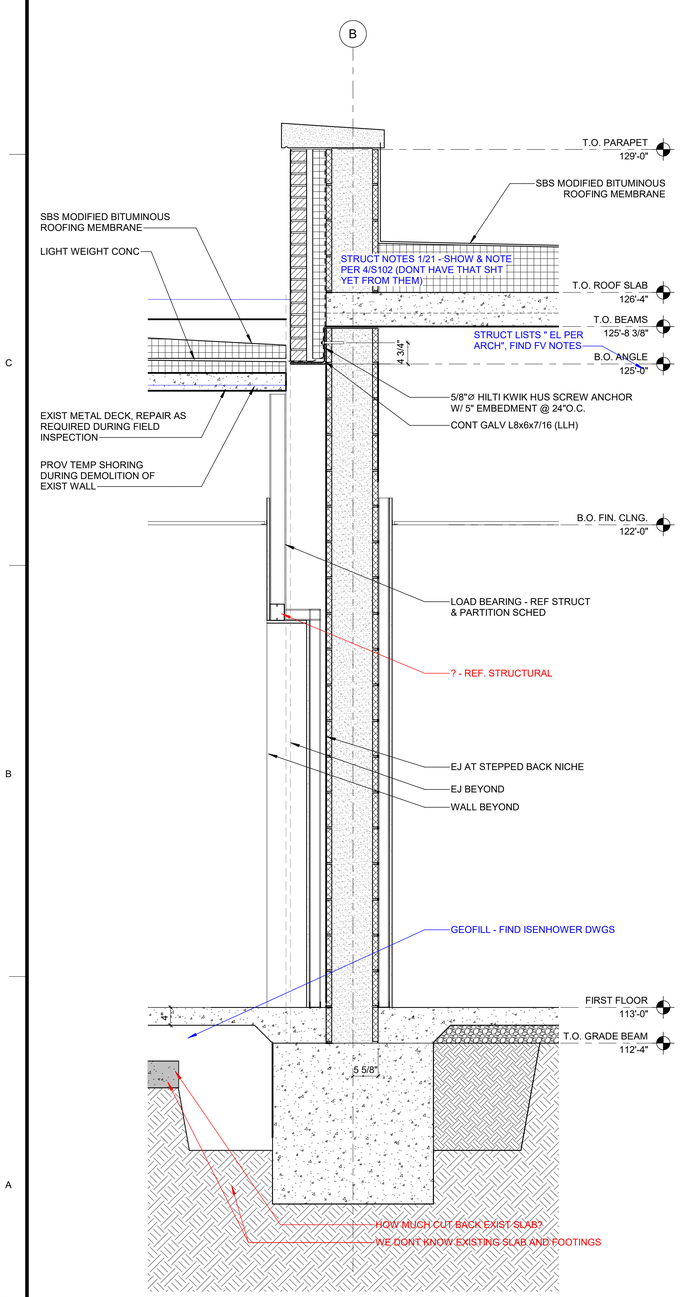
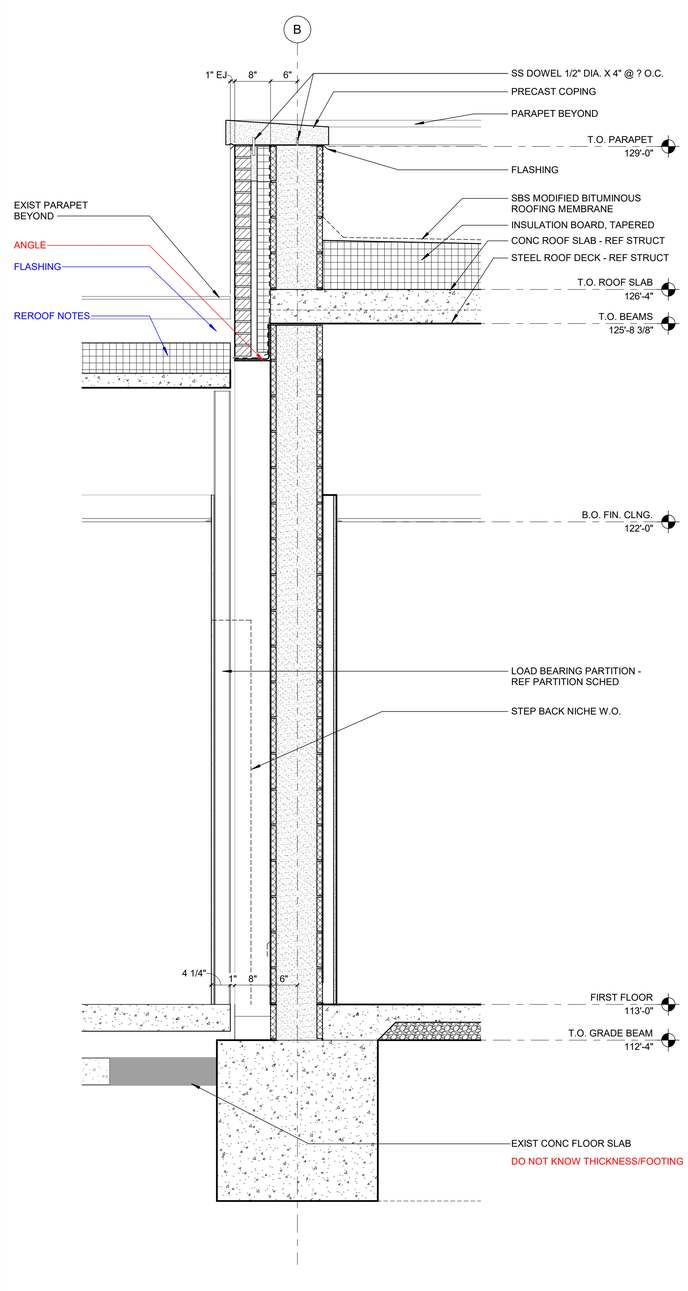


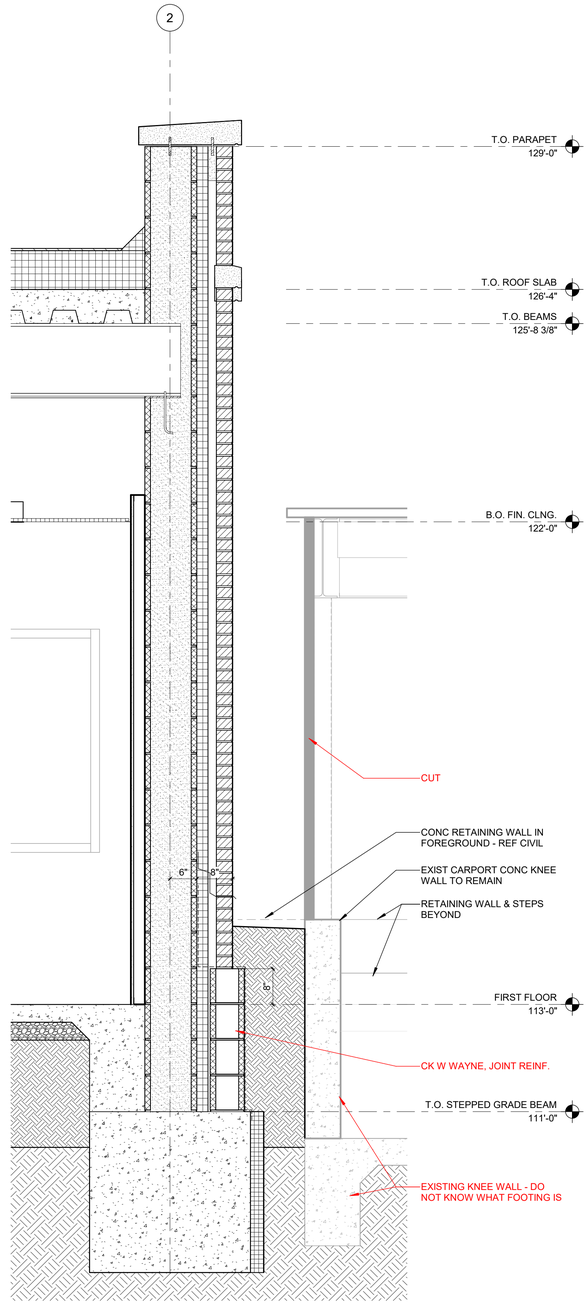
S ADDITION - N WALL SECT A4

3/4" = 1'-0"



S ADDITION - N WALL SECT1 A2

3/4" = 1'-0"



S ADDITION - E WALL SECT A1

3/4" = 1'-0"

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A312

WALL SECTIONS

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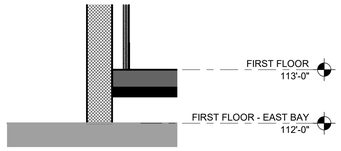
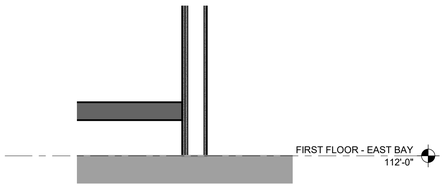


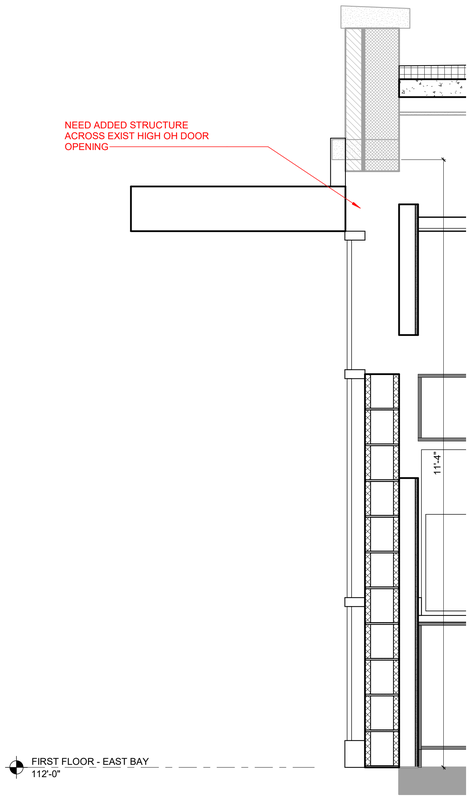
FLR INFIL WALL SECT 2 D5

3/4" = 1'-0"



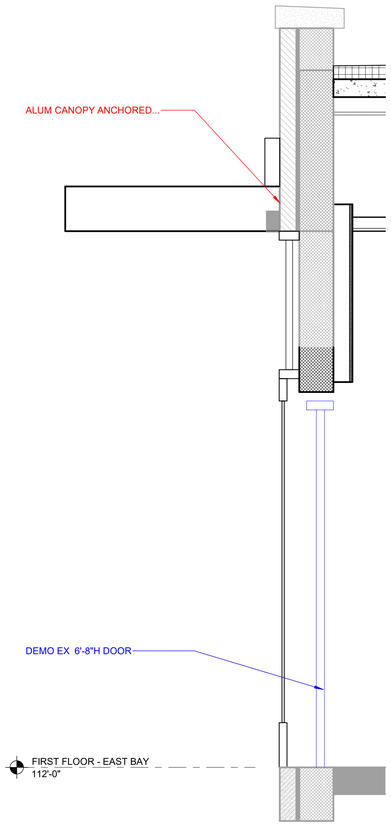
FLOOR INFILL @ SGTS C5

3/4" = 1'-0"



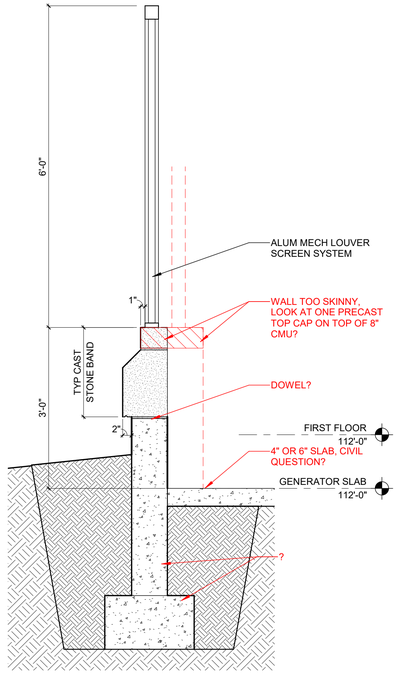
N CANOPY - WALL SECT @ OH DOOR INFILL A5

3/4" = 1'-0"



N CANOPY - WALL SECT@ DR OPENING A3

3/4" = 1'-0"



MECH SCREEN TYP WALL SECT A2

3/4" = 1'-0"

GENERAL NOTES

A NOTES

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CITY HALL RENOVATION

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A313

WALL SECTIONS

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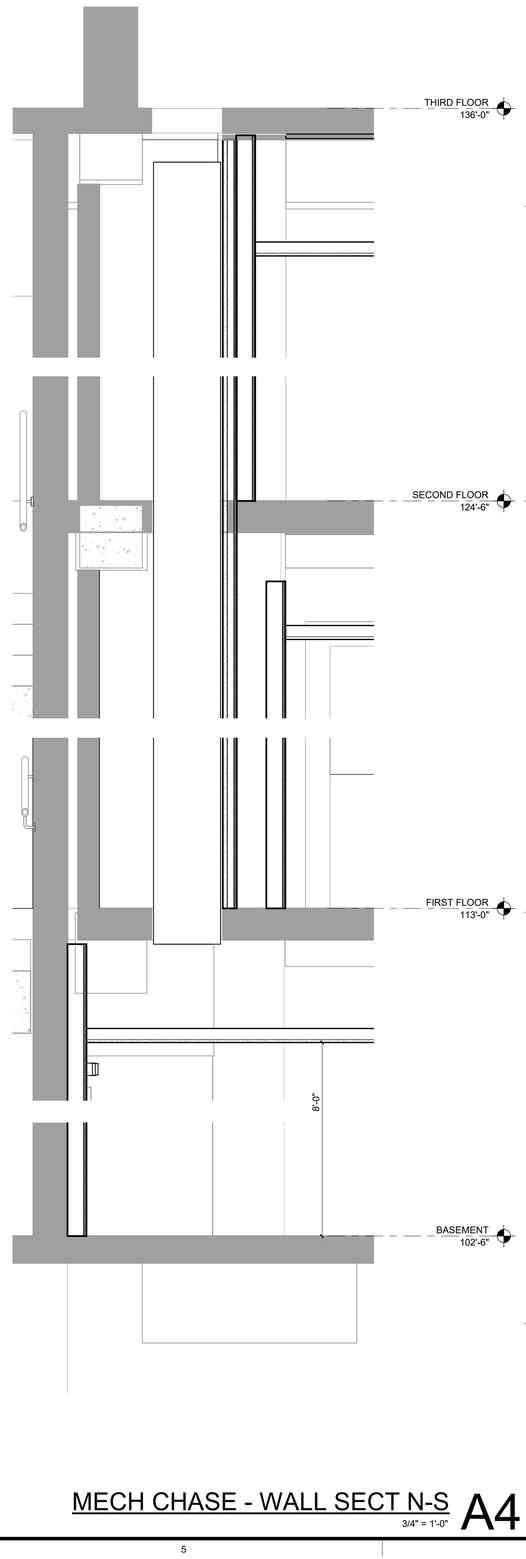
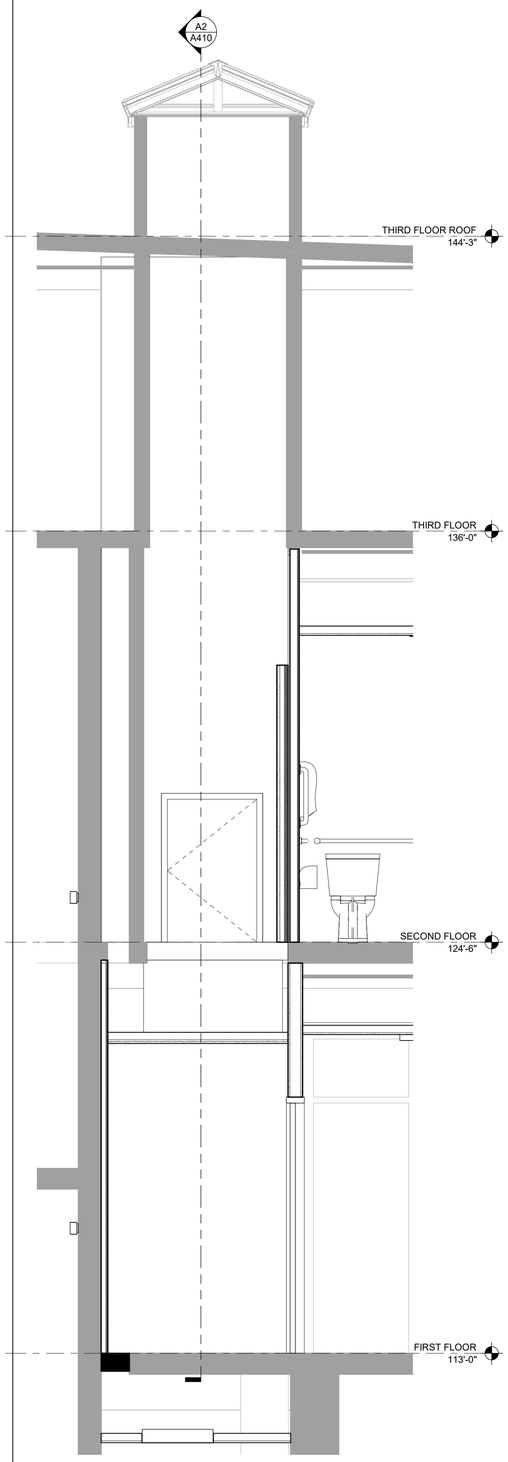
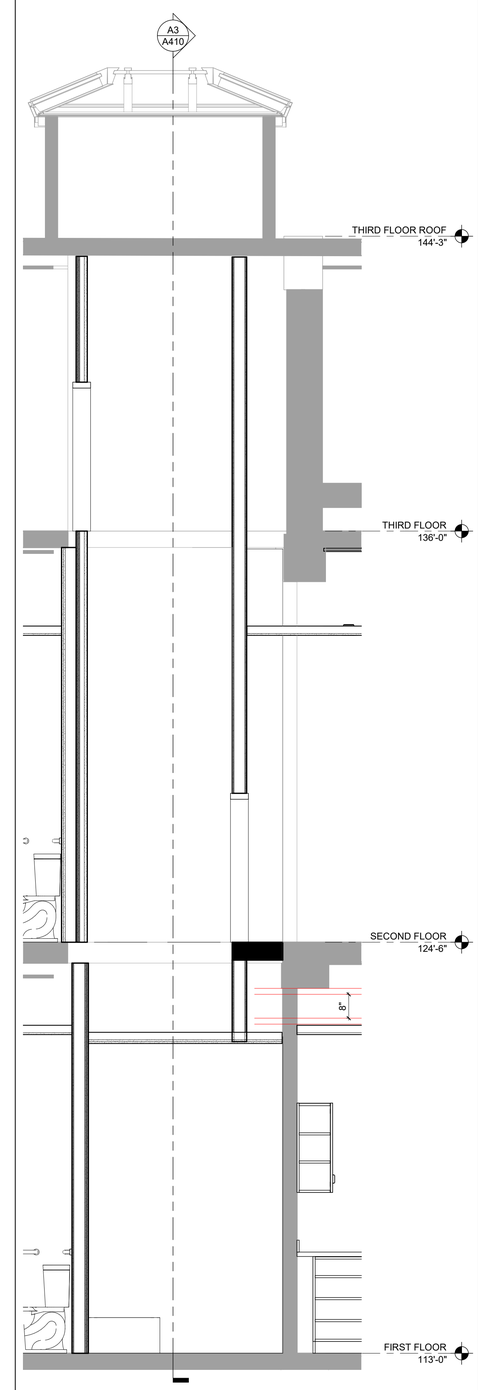


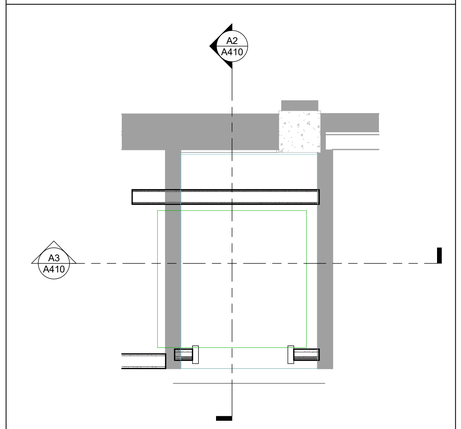
MECH CHASE - WALL SECT N-S A4
3/4" = 1'-0"



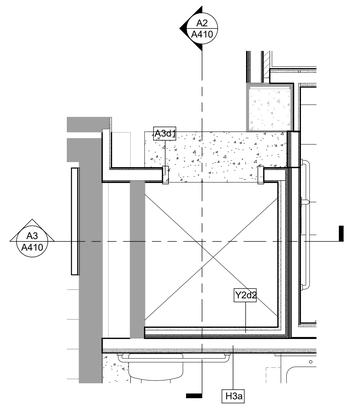
DUMB WAITER E-W SECT A3
1/2" = 1'-0"



DUMB WAITER N-S SECT A2
1/2" = 1'-0"



L3 - DW PLAN B1
1/2" = 1'-0"



L2 - DW PLAN A1
1/2" = 1'-0"

GENERAL NOTES CHASES:

A. REF. C4/A511 FOR TYP. 2HR FLOOR SHAFT RATING.
B. REF. E2/A511 FOR BASEMENT SHAFT RATING

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VIRTICAL CIRCULATION & SHAFTS

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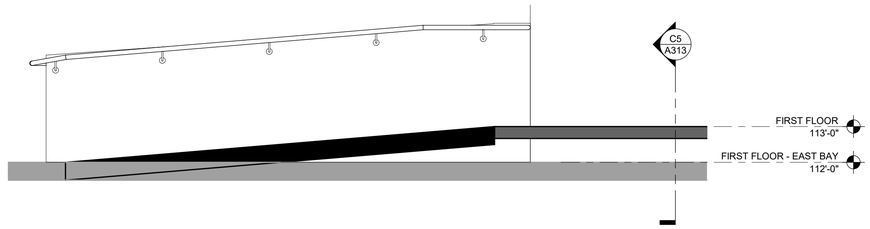
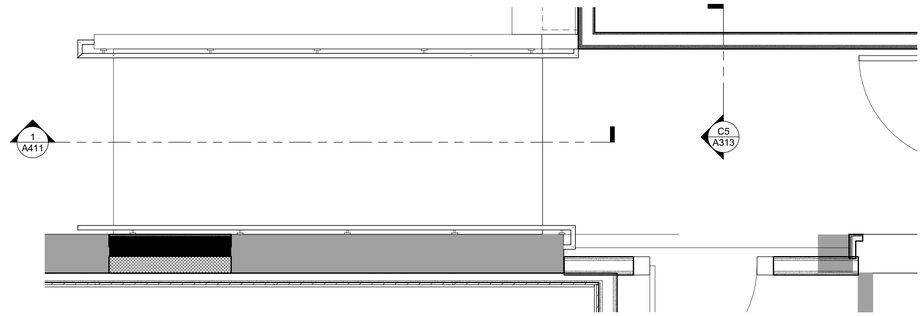


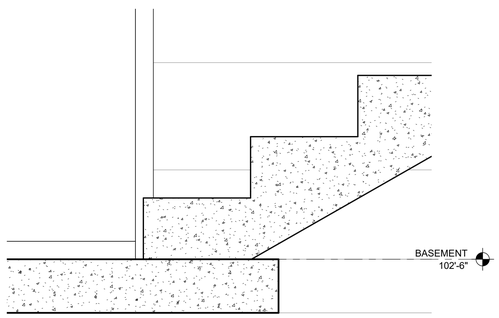
L1- RAMP SECTION 1

1/2" = 1'-0"



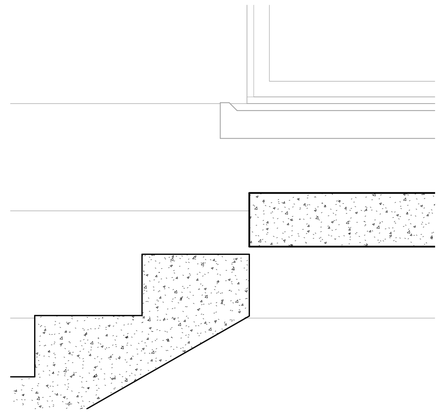
L1 - RAMP PLAN 2

1/2" = 1'-0"



W BASEMENT STAIR LEVEL 3

1 1/2" = 1'-0"



W BASEMENT STAIR LANDING 4

1 1/2" = 1'-0"

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VERTICAL CIRCULATION

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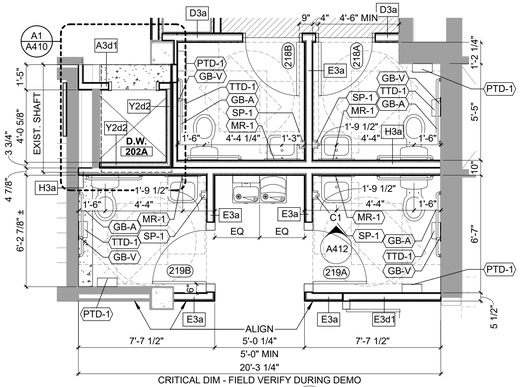
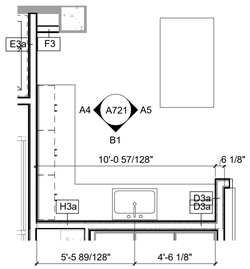


L2 - RESTROOMS D4

1/4" = 1'-0"



L0 - KITCHENETTE D1

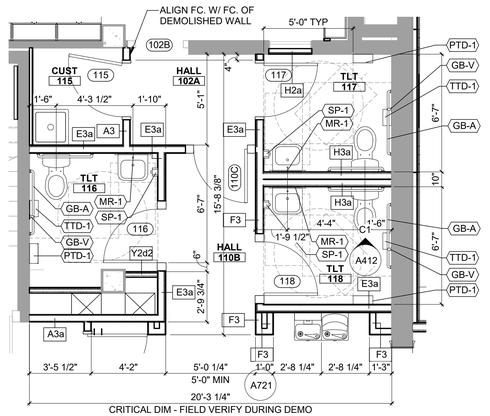
1/4" = 1'-0"

GENERAL TLTS NOTES:

A WALL TILE CONTINUES BEHIND MIRRORS, UNO.

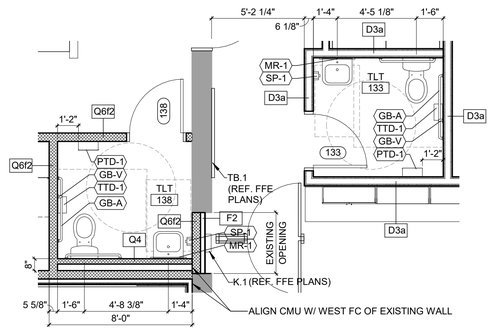
A NOTES

TOILET ACCESSORY SCHEDULE		
KEY	DESCRIPTION	NOTES
GB-A	ADA HORIZONTAL GRAB BARS	
GB-V	ADA VERTICAL GRAB BAR	
MR-1	MIRROR (FRAMELESS)	
PTD-1	PAPER TOWEL DISPENSER	
SP-1	SOAP DISPENSER	
TTD-1	TOILET TISSUE DISPENSER	



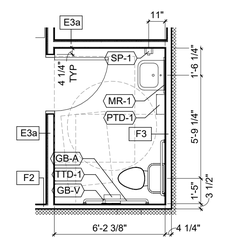
L1 - RESTROOMS C4

1/4" = 1'-0"



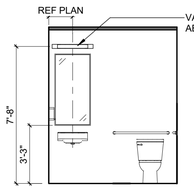
L1 - PATROL TLTS C3

1/4" = 1'-0"



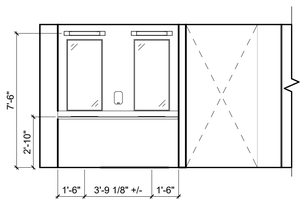
L1 - DISPATCH TLT C2

1/4" = 1'-0"



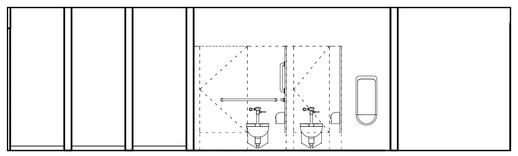
L1 - TYP TLT ELEV C1

1/4" = 1'-0"



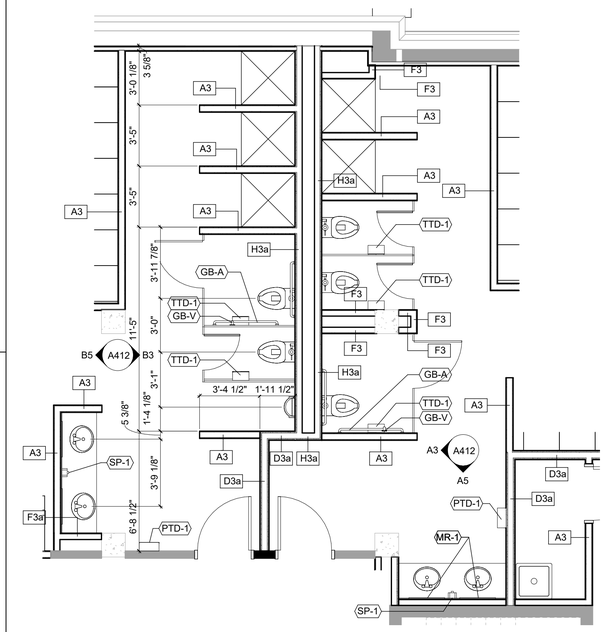
L0 - MENS LKR - W B5

1/4" = 1'-0"



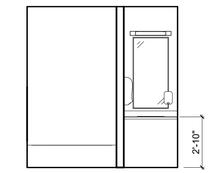
L0 - MEN - E B3

1/4" = 1'-0"



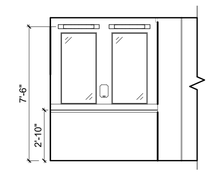
B - LOCKER ROOM A2

1/4" = 1'-0"



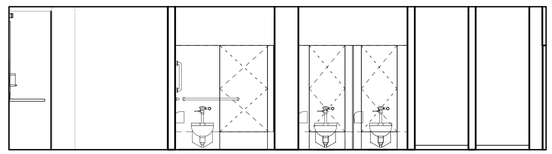
L0 - CINC TLT - W B1

1/4" = 1'-0"



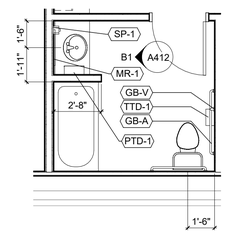
L0 - WOMENS LKR - S A5

1/4" = 1'-0"



L0 - WOMEN - W A3

1/4" = 1'-0"



B - CINC RESTROOM A1

1/4" = 1'-0"

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ENLARGED PLANS

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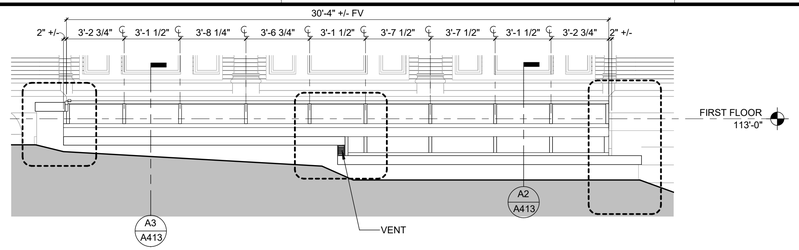
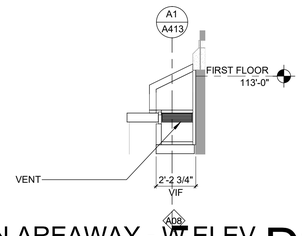


A09

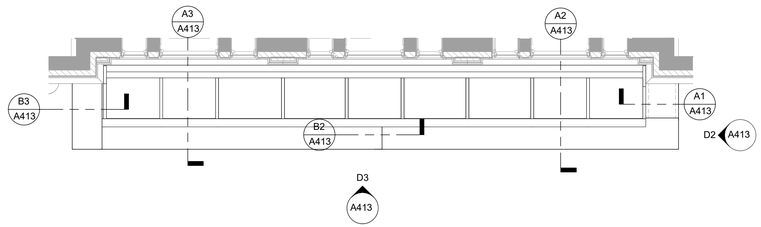
N AREAWAY - N ELEV D3

1/4" = 1'-0"



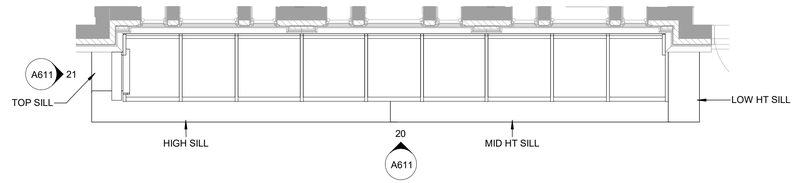
N AREAWAY - W ELEV D2

1/4" = 1'-0"



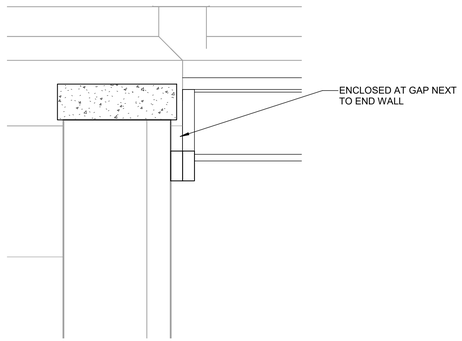
N AREAWAY PLAN C3

1/4" = 1'-0"



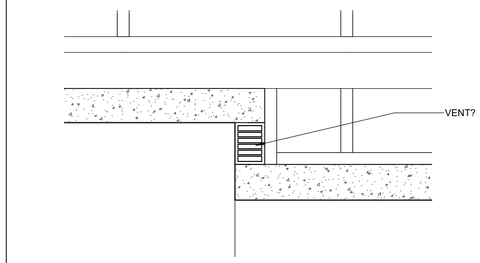
S AREAWAY PLAN C1

1/4" = 1'-0"



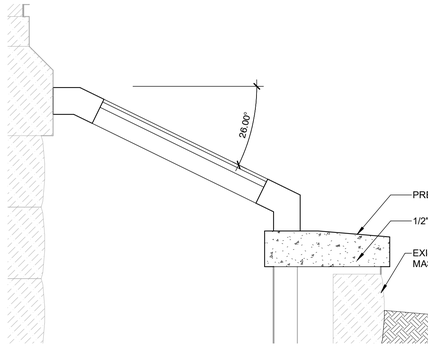
N AREAWAY @ E END SECT B3

1" = 1'-0"



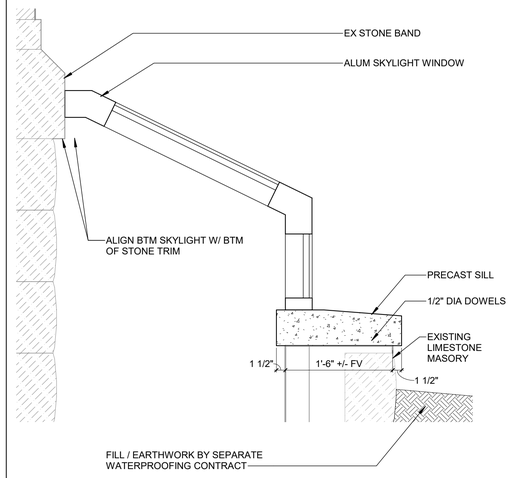
N AREAWAY WDO @ STEP SILL B2

1" = 1'-0"



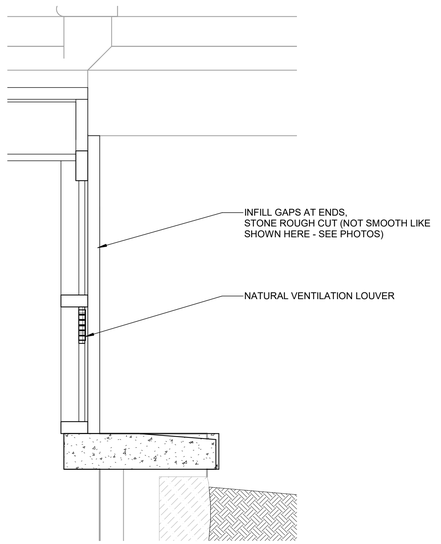
AREAWAY WDO @ HIGH SILL A3

1" = 1'-0"



AREAWAY WDO @ MID SILL A2

1" = 1'-0"



N AREAWAY @ W END SECT A1

1" = 1'-0"

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ENLARGED PLANS AND DETAILS

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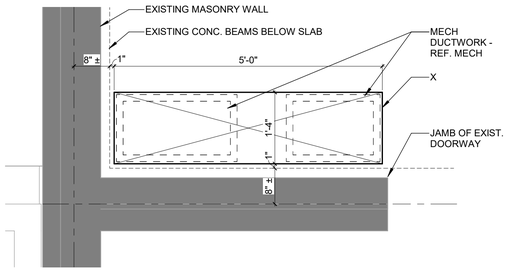
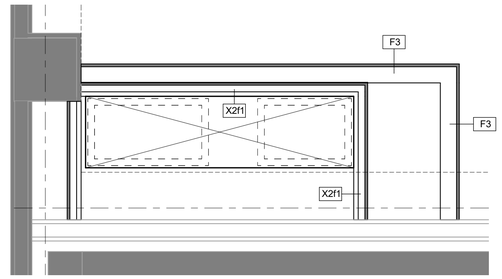
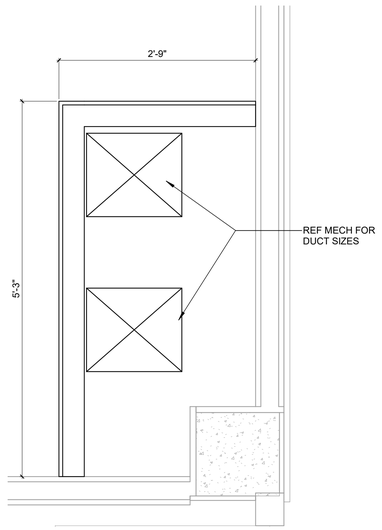


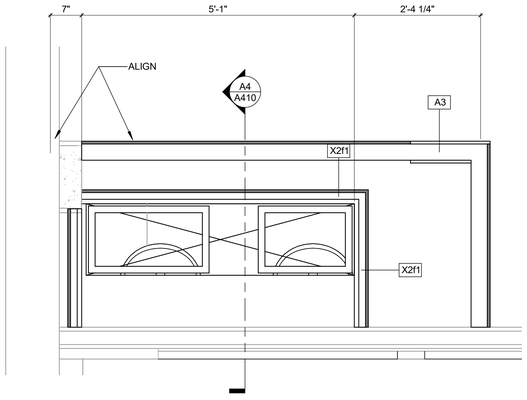
L3- MECH SHAFT DTL 1 **D3**
3/4" = 1'-0"



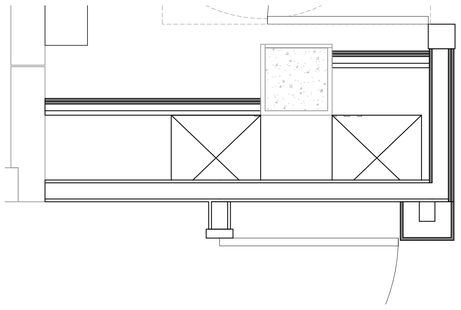
L2- MECH SHAFT DTL 1 **D1**
3/4" = 1'-0"



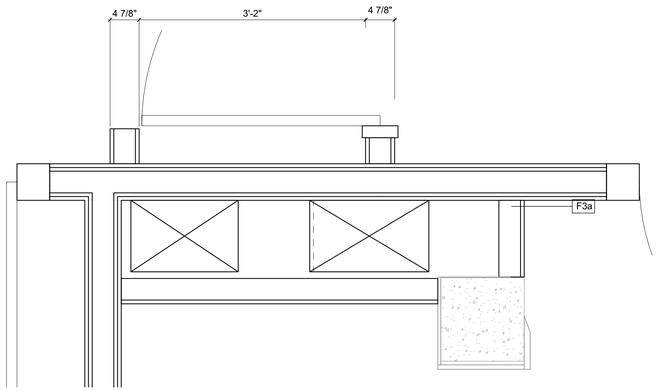
L1 - MECH SHAFT DTL 3 **B4**
1" = 1'-0"



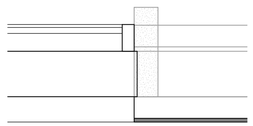
L1 - MECH SHAFT DTL 2 **B3**
3/4" = 1'-0"



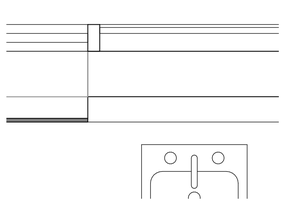
L1- MECH SHAFT DTL 1 **B1**
3/4" = 1'-0"



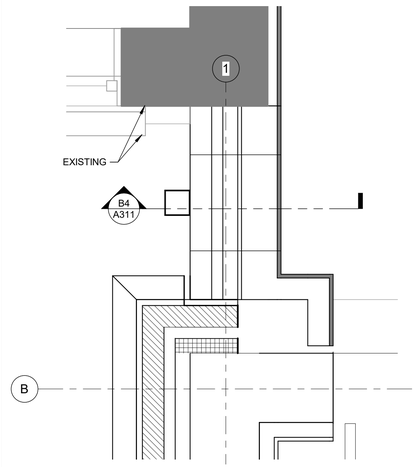
MECH CHASE @ DBL DRS DTL **A4**
1" = 1'-0"



ADDITION DETAIL 3 **A3**
1" = 1'-0"



ADDITION DETAIL 2 **A2**
1" = 1'-0"



ADDITION DETAIL 1 **A1**
1" = 1'-0"

0 3" 6" 1'

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1/24/2022 10:42:51 AM

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NO	DESCRIPTION	DATE

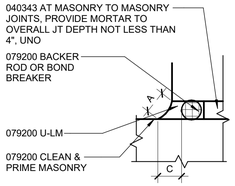
A501

BUILDING DETAILS

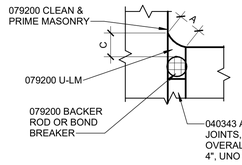
TreanorHL NO. HP0559.1901.00

GENERAL NOTES FOR MASONRY DETAILS

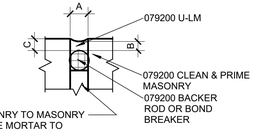
1. DIMENSIONS SHOWN HERE ARE APPROXIMATE AND ARE INCLUDED TO GIVE THE CONTRACTOR KNOWLEDGE ABOUT THE SIZE OF THE REPAIR. CONTRACTOR SHALL VERIFY DIMENSIONS AFFECTING THE WORK IN THE FIELD.
2. PROFILES AND FINISHES ARE TO MATCH EXISTING.
3. NO ABRUPT CHANGES IN FINISH, TEXTURE, COLOR, OR PROFILE WILL BE ACCEPTED.
4. PLAN VIEWS IN DETAILS ARE TAKEN AT MID HEIGHT OR AT UPPER BED JOINT UNO.
5. DUTCHMAN JT REFERS TO A VERY FINE JT. ON THE FACE OF A STONE BETWEEN EXIST AND REPAIR MATERIALS, 040342.
6. PROTECT ADJACENT MATERIALS & ASSEMBLIES NOTIFY ARCHITECT OF CRACKS, VOIDS, DETERIORATED STONE, CORRODING ANCHORS, OR OTHER ADVERSE CONDITIONS ENCOUNTERED IN THE COURSE OF THE WORK.
7. MASONRY REMOVAL SHALL BE PERFORMED IN A CONTROLLED MANNER UTILIZING CHISELS AND HAND HELD POWER TOOLS TO LIMIT VIBRATION
8. MAINTAIN EXISTING MORTAR JOINTS INCLUDING WIDTH.
9. FILL VOIDS IN BACKING CONSTRUCTION WITH SETTING MORTAR
10. ALL BRICK SHALL BE LAID WITH FULL HEAD, BED, AND COLLAR JOINT. DO NOT RELAY CRACKED OR DAMAGED UNITS.
11. EPOXY SET PINS IN BRICK SHALL BE SET INTO SOUND BRICKS, AT MID HEIGHT. DO NOT ANCHOR INTO MORTAR JOINTS.



HORIZONTAL JOINT



CORNERS JOINT



TYPICAL JOINT

NOTES:

1. COMPLY WITH MANUFACTURER'S SPECIFIC REQUIREMENTS AND APPROVED MOCKUP PROCEDURES FOR JT. SEALANT INSTALLATION

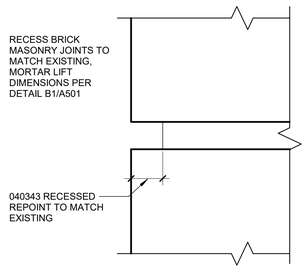
2. WEATHERSEAL JT DESIGN:
   A: MIN. 1/4" / MAX 2"
   B: A/2, MIN 1/8" / MAX 1/2"
   C: MIN 1/4" /TYP 3/8"

3. TOOL SURFACES SIGHTLY CONCAVE EXCEPT WHERE DIRECTED OTHERWISE

TYP. SEALANT JOINT C1

3" = 1'-0"

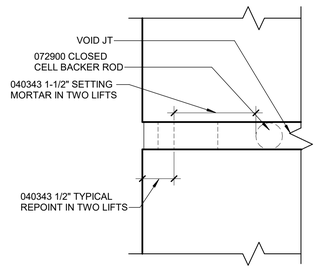
0 1" 3" 6"

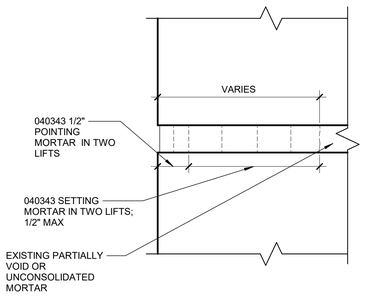


TYP RECESSED JT B3

12" = 1'-0"

0 1/2" 1" 2"

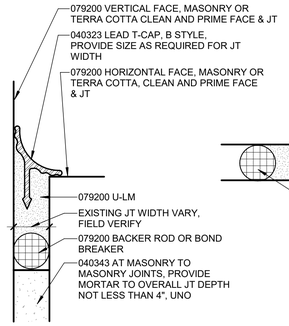


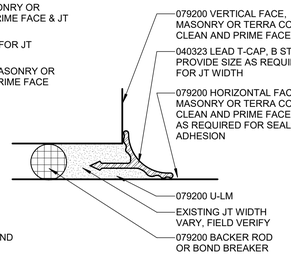


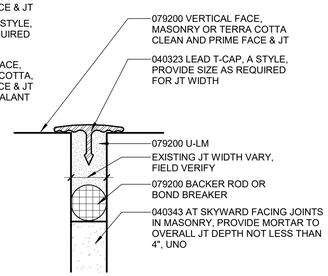
MORTAR LIFT SETTING B1

12" = 1'-0"

0 1/2" 1" 2"







LEAD T-CAP JOINT A1

12" = 1'-0"

0 1/2" 1" 2"

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A502

MASONRY DETAILS

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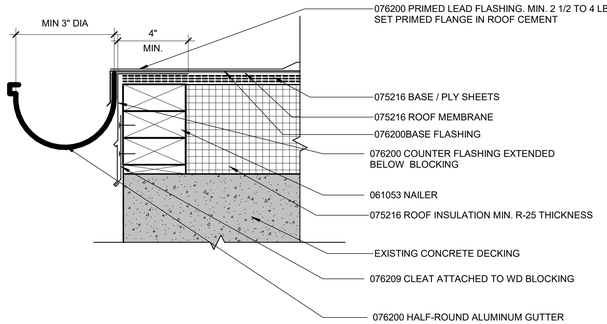
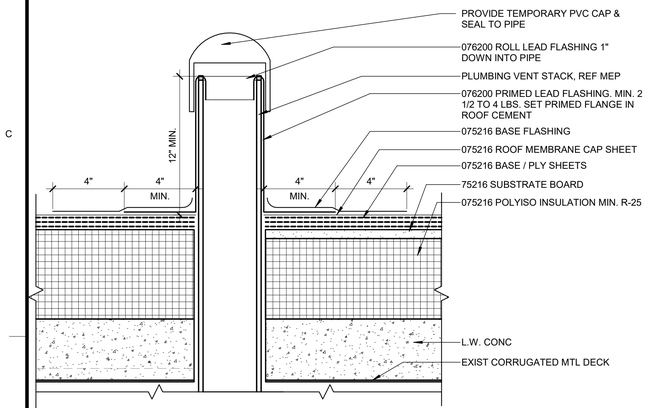


GUTTER DETAIL D1

3" = 1'-0"

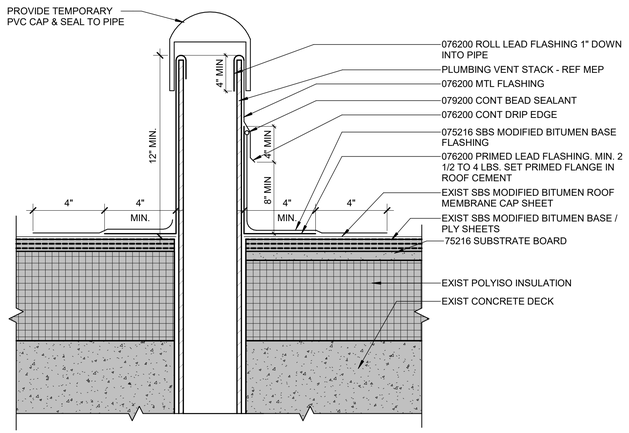
MATERIALS LIST

024119	SELECTIVE DEMOLITION
024296	HISTORIC REMOVAL & DISMANTLING
030130	MAINTENANCE OF CAST-IN-PLACE CONCRETE
040322	HISTORIC BRICK UNIT MASONRY REPAIR
040323	HISTORIC BRICK REPOINTING
040326	HISTORIC TERRA COTTA MASONRY REPAIR
040327	HISTORIC TERRA COTTA MASONRY REPOINTING
040342	HISTORIC STONE MASONRY REPAIR
040343	HISTORIC STONE MASONRY REPOINTING
061053	MISC. ROUGH CARPENTRY
061600	SHEATHING
070150.19	PREPARATION FOR REROOFING
072100	THERMAL INSULATION
075216	SBS MODIFIED BITUMINOUS ROOFING
076200	SHEET METAL FLASHING & TRIM
079200	JOINT SEALANTS
085113	ALUMINUM WINDOWS
086300	METAL FRAMED SKYLIGHTS
088000	GLAZING
099113	EXTERIOR PAINTING



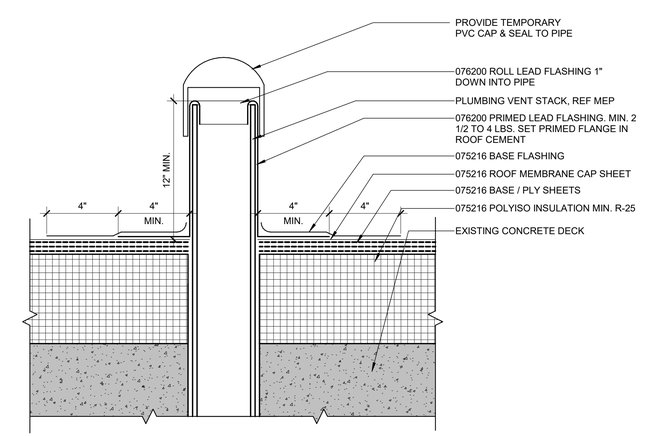
PIPE PENETRATION @ 1960 ROOF C4

3" = 1'-0"



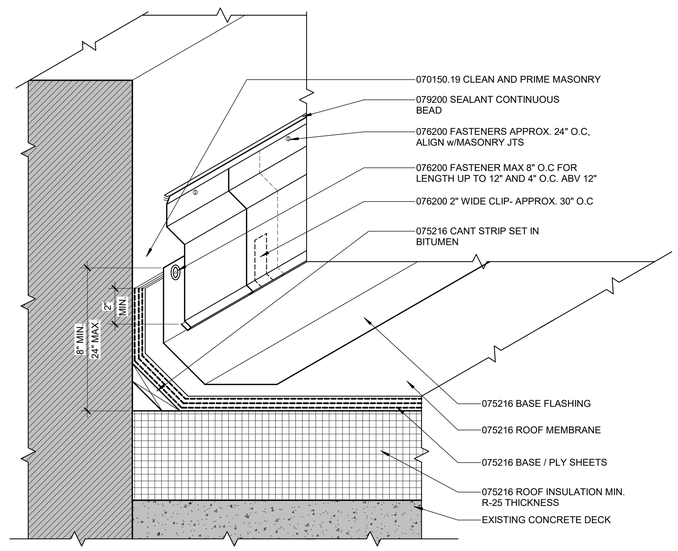
PIPE PENETRATION @ 2ND & 3RD ROOFS C2

3" = 1'-0"



PIPE PENETRATION C1

3" = 1'-0"



WALL FLASHING WITH SURFACE MOUNTED COUNTER FLASHING A1

3" = 1'-0"

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A503

ROOF DETAILS

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MATERIALS LIST

024119	SELECTIVE DEMOLITION
024296	HISTORIC REMOVAL & DISMANTLING
030130	MAINTENANCE OF CAST-IN-PLACE CONCRETE
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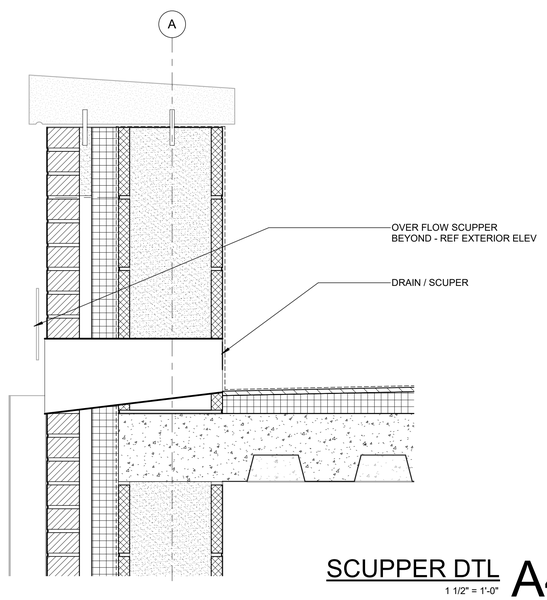
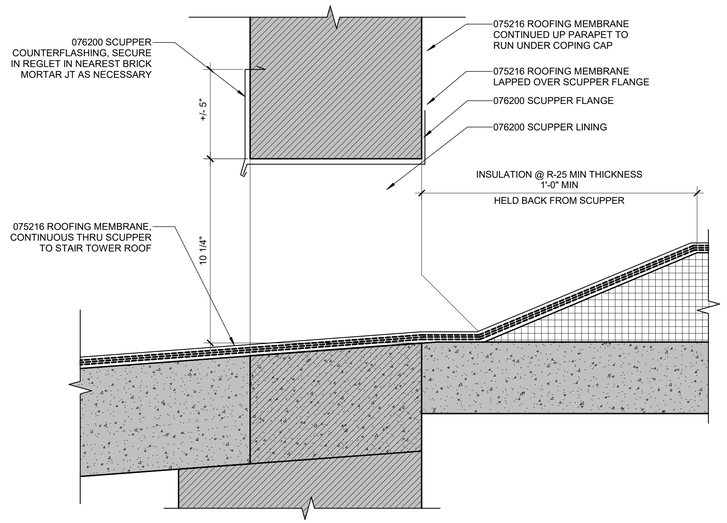
040343	HISTORIC STONE MASONRY REPOINTING
061053	MISC. ROUGH CARPENTRY
061600	SHEATHING
070150.19	PREPARATION FOR REROOFING
072100	THERMAL INSULATION
075216	SBS MODIFIED BITUMINOUS ROOFING
076200	SHEET METAL FLASHING & TRIM
079200	JOINT SEALANTS
085113	ALUMINUM WINDOWS
086300	METAL FRAMED SKYLIGHTS
088000	GLAZING
099113	EXTERIOR PAINTING



SCUPPER DTL A4

1 1/2" = 1'-0"



PARAPET SCUPPER A2

3" = 1'-0"

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A504

ROOF DETAILS

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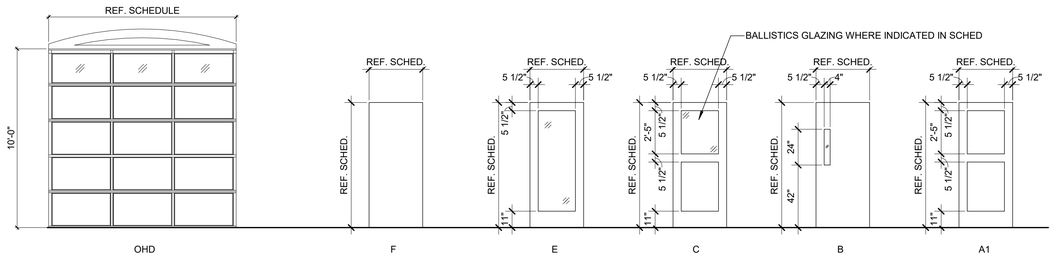
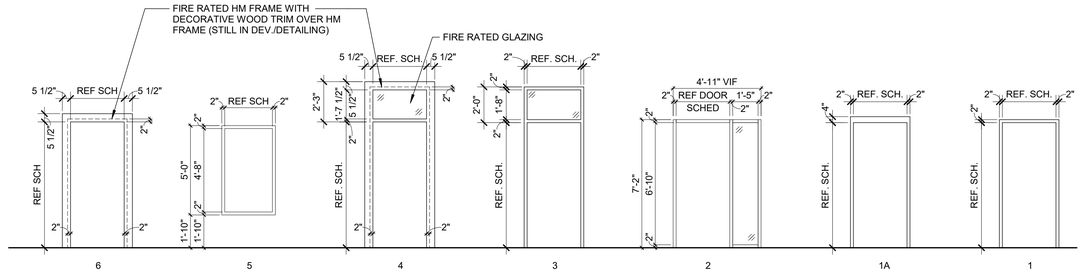


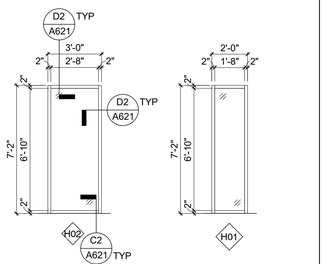
DOOR TYPES

1/4" = 1'-0"



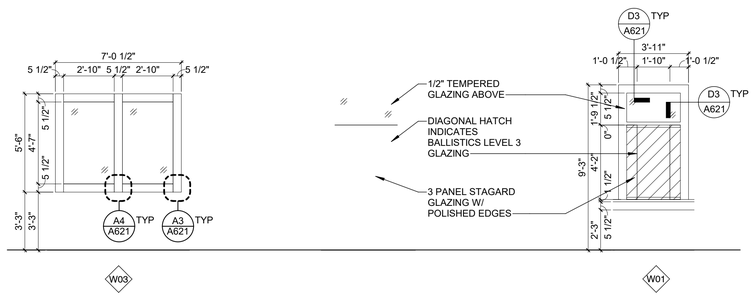
HM DOOR FRAME TYPES

1/4" = 1'-0"



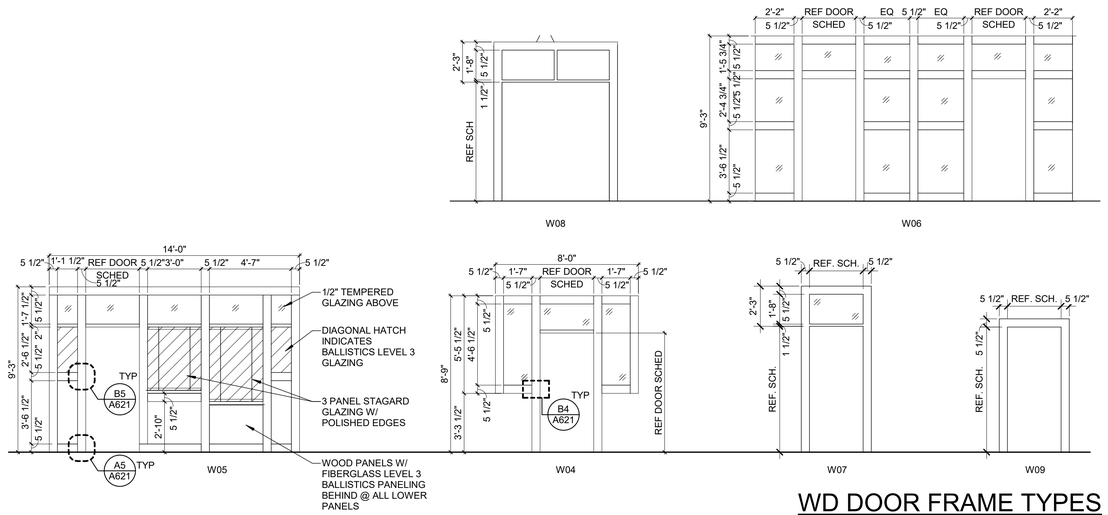
HM BORROW LITE FRAMES

1/4" = 1'-0"



WOOD BORROW LITE FRAMES

1/4" = 1'-0"



WD DOOR FRAME TYPES

1/4" = 1'-0"

A601 - DOOR & FRAME SCHEDULE

Mark	DOORS OPENING SIZE WIDTH	HGT.	TYPE	MAT	FIN	FRAMES TYPE	MAT	FIN	DETAILS JAMB	HEAD	FIRE RATING	EXISTING	NOTES
BASEMENT													
0ST1	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A	60		
001A	3'-0"	7'-0"	E	ALUM	ALUM	SF	ALUM	ALUM	B	C			15
001B	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			14
001C	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			14
002	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
003	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
3ST13	4'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
005	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
005A	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
006	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
007A	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
007B	3'-0"	7'-0"	F	ALUM	ALUM	SF	ALUM	ALUM	A	A			
008A	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			
008B	4'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
008C	4'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
009	3'-0"	7'-0"	F	HM	PT	1A	HM	PT	A	A			
010	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
011	3'-6"	7'-0"	F	WD	PT	1	HM	PT	A	A			
011A	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
011B	2'-10 1/8"	7'-0"	F	ALUM	ALUM	SF	ALUM	ALUM	A	A			
012	3'-0"	7'-0"	A1	WD	STN	1	WD	PT	A	A			
013	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
FIRST FLOOR - EAST BAY													
135	3'-4"	7'-3"	C			W05							15
FIRST FLOOR													
1ST1A	3'-0"	7'-0"										YES	15
1ST1B	3'-0"	7'-0"	A1	WD	STN	4	WD/HM	STN	G	H	60		5, 15
1ST2A	3'-0"	6'-8"										YES	
1ST2B	3'-0"	6'-8"	A1	WD	STN	6	WD/HM	STN	G	G	60		
100	6'-0"	6'-8"	E	ALUM	ALUM	SF	ALUM	ALUM	B	C			
101A	3'-0"	7'-0"	C	WD	STN	W05	WD	STN	G	H			3, 15
101B	3'-0"	7'-0"										YES	1
102A	3'-0"	7'-0"										YES	8
102B	2'-8"	7'-0"										YES	8
102C	2'-3 1/2"	7'-0"										YES	13
103A	3'-0"	7'-0"										YES	
103B	2'-8"	7'-0"										YES	10
103C	2'-8"	7'-0"										YES	10
104	3'-0"	7'-0"										YES	
105A	3'-0"	7'-0"										YES	
105B	2'-8"	7'-0"										YES	10
106	3'-0"	7'-0"										YES	
107	3'-0"	7'-0"										YES	
108A	3'-0"	7'-0"										YES	
108B	2'-8"	7'-0"										YES	10
108C	2'-8"	7'-0"										YES	10
110A	5'-0"	7'-0"										YES	9
110B	6'-8"	10'-0"	F	WD	PT	1	HM	PT	G	G			14, 15
110C	3'-0"	7'-0"	A1	WD	STN	W07	WD	STN	G	H			15
110D	4'-0"	7'-0"	-			W09	WD	STN	G	G			12
111	5'-0"	7'-0"										YES	
112	3'-0"	7'-0"	C	WD	STN	W07	WD	STN	G	H			
113	3'-0"	7'-0"	C	WD	STN	W07	WD	STN	G	H			
114	3'-0"	7'-0"	C	WD	STN	W07	WD	STN	G	H			
115	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
116	3'-0"	7'-0"	A1	WD	STN	W09	WD	STN	G	G			
117	3'-0"	7'-0"	A1	WD	STN	1	HM	PT	A	A			
118	3'-0"	7'-0"	A1	WD	STN	W09	WD	STN	G	G			
120A	6'-0"	7'-0"	E	ALUM	ALUM	SF	ALUM	ALUM	B	C			
121A	3'-0"	6'-10 1/4"	E	WD	STN	W06	WD	STN	G	H			
121B	3'-0"	6'-10 1/4"	E	WD	STN	W06	WD	STN	G	H			
130	3'-0"	7'-0"	A1	WD	STN	W07	WD	STN	G	H			6, 15
132	3'-6"	7'-0"	E	ALUM	ALUM	SF	ALUM	ALUM	A	A			
133	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			
134	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			
137	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			15
138	3'-0"	7'-0"	F	HM	PT	1A	HM	PT	A	A			
139A	3'-0"	7'-0"	F	HM	PT	1A	HM	PT	A	A			15
139B	10'-6"	10'-0"	OHD	STL	PT	-	STL	PT	A	A			
140	3'-0"	7'-0"	E	WD	PT	SF	HM	PT	A	A			15
141	3'-0"	7'-0"	F	WD	STN	1	HM	PT	A	A			
142	3'-6"	7'-0"	E	ALUM	ALUM	SF	ALUM	ALUM	A	A			
143	3'-6"	7'-0"	A	HM	PT	1	HM	PT	A	A			4
144	3'-6"	7'-0"	E	ALUM	ALUM	SF	ALUM	ALUM	A	A			
146	3'-0"	7'-0"	F	WD	STN	1	HM	PT	A	A			
147	6'-0"	9'-3"											
148													
305	3'-0"	6'-8"	A			1							
306	3'-0"	7'-0"	E	WD	PT	SF	HM	PT	A	A			15
307	3'-0"	7'-0"	E	WD	PT	SF	HM	PT	A	A			15
SECOND FLOOR													
2ST2	3'-0"	7'-0"	F	HM	PT	1	HM	PT	A	A			15
2ST2A	2'-10"	7'-0"										YES	9
145	5'-0"	6'-8"										YES	
200A	5'-0"	6'-8"										YES	8
200B	3'-0"	6'-8"	A1	WD	STN	4	WD/HM	STN	G	G	60		11
200C	2'-10"	6'-8"										YES	8
201	5'-0"	6'-8"										YES	2
210A	3'-0"	6'-8"	C	WD	STN	W04	WD	STN	G	H			
210B	6'-0"	6'-8"	C	WD	STN	W08	WD	STN	G	H			
211	3'-0"	6'-8"										YES	
212A	3'-0"	6'-8"										YES	
212B	2'-8"	6'-8"										YES	10
213	3'-0"	6'-8"										YES	
214	3'-0"	6'-8"	C	WD	STN	W07	WD	STN	G	H			
215A	3'-0"	6'-8"	C	WD	STN	W07	WD	STN	G	H			
215B	3'-0"	6'-8"										YES	10
216	3'-0"	6'-8"	E	WD	STN	W04	WD	STN	G	H			
217	3'-0"	6'-8"	C	WD	STN	W07	WD	STN	G	H			
218	3'-0"	6'-8"	C	WD	STN	W07	WD	STN	G	G			15
218A	3'-0"	6'-8"	A1	WD	STN	1	HM	PT	A	A			
218B	3'-0"	6'-8"	A1	WD	STN	1	HM	PT	A	A			
219A	3'-0"	6'-8"	A1	WD	STN	W09	WD	STN	G	G			
219B	3'-0"	6'-8"	A1	WD	STN	W09	WD	STN	G	G			
220	3'-0"	7'-0"	A1	WD	STN	6	HM	PT	A	A	60		11, 15
220A	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
221	3'-0"	7'-0"	F	WD	PT	1	HM	PT	A	A			
222	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
223	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
224	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
225	3'-0"	7'-0"	E	WD	STN	2	HM	PT	A	A			
226	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
227	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
228	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
229	3'-0"	7'-0"	E	WD	STN	1	HM	PT	A	A			
THIRD FLOOR													
3ST2	3'-0"	6'-8"	F	HM	PT	1	HM	PT			60		
3ST2A	3'-0"	4'-0"	A	HM	PT	1	HM	PT	A	A			
3ST8	2'-8"	4'-8"	F	HM	PT	5	HM	PT	A	A			
301	2'-10"	6'-8"										YES	7
302	3'-0"	6'-8"	F			1					60		
302A	2'-10"	6'-8"										YES	7
302B	2'-10"	6'-8"										YES	7
303A	2'-10"	6'-8"										YES	7
303B	2'-10"	6'-8"	2							1		YES	7

DOOR NOTES LEGEND

1. SALVAGE HISTORIC WOOD DOOR, EXISTING WOOD FRAME TO REMAIN. REF DRL XXX FOR PT, HT, WALL & GLASS PANEL INFILL BETWEEN FRAMES
2. EXISTING HISTORIC WOOD DOORS SET FIXED IN OPEN POSITION TIGHT TO WALLS
3. BALLISTICS LEVEL 3 GLAZING IN DOOR & WHERE INDICATED IN ELEVATIONS. BALLISTICS FIBERGLASS IN FRAME SUBSTRATE PER DETAILS (NOTE-DETAILS NOT FINISHED TO SHOW)
4. ICC400 RATED DOOR AND FRAME
5. FIRE RATED GLAZING
6. BALLISTICS LEVEL 3 WOOD DOOR
7. PAINT EXIST METAL FRAMES & DOORS / GATES
8. EXIST HISTORIC FRAME & TRANSOM GLASS TO REMAIN, REMOVE & SALVAGE HISTORIC WD. DOOR(S)
9. EXIST HISTORIC WD FRAME TO REMAIN
10. EXIST HISTORIC WD DOOR SET FIXED IN CLOSED POSITION IN FRAME
11. DECORATIVE STAINED WD TRIM OVER HM FRAME - REF DETAILS
12. WOOD CASED OPENING - NO DOOR
13. REPAIR BENT EXIST MTL VAULT DOOR FRAME AS REQ'D TO SET/FIX VAULT DOOR IN CLOSED POSITION
14. DOORS ON HOLD OPENS - REF. ELEC.
15. CARD READER AT THIS DOOR - REF. ELEC. CR BY OWNER.

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CITY OF INDEPENDENCE, KANSAS

CITY HALL RENOVATION

120 N. 6TH STREET
INDEPENDENCE, KANSAS 67301

CITY OF INDEPENDENCE KANSAS

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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

A601

DOOR SCHEDULE AND DETAILS

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
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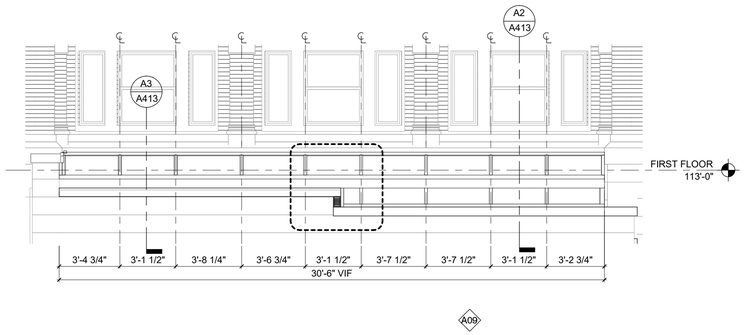
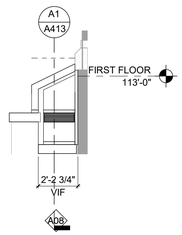
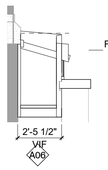
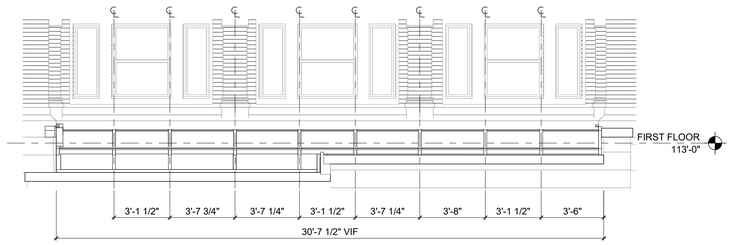
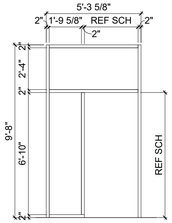
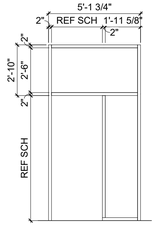


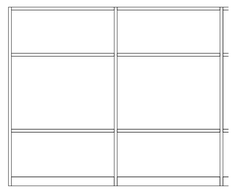


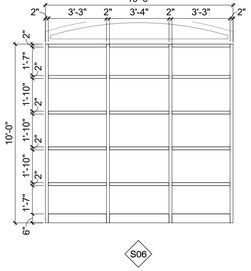


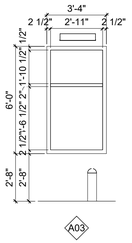


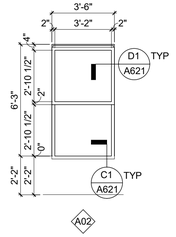


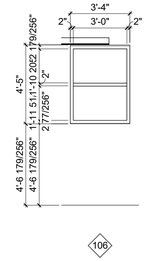






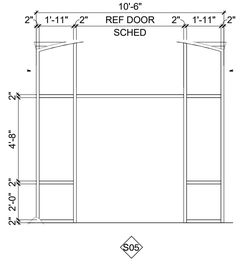


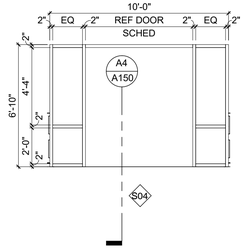


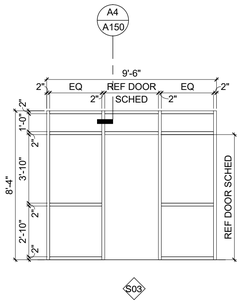


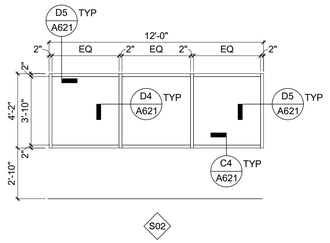
ALUMINUM WINDOW FRAMES

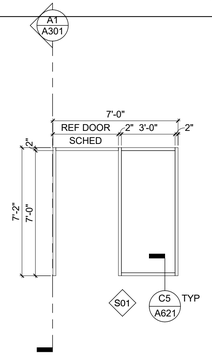
1/4" = 1'-0"











ALUMINUM STOREFRONT FRAMES

1/4" = 1'-0"

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:42:55 AM

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Issued For: 100CD

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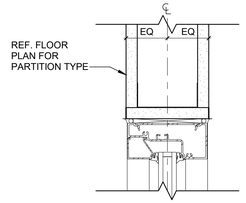
REVISIONS

NO	DESCRIPTION	DATE

A611

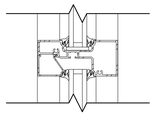
WINDOWS

TreanorHL NO. HP0559.1901.00



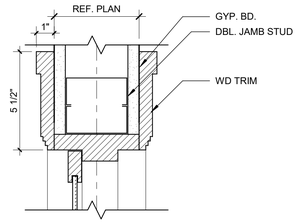
ALUM HEAD/JAMB D5

0 1" 3" 6" 3" = 1'-0"



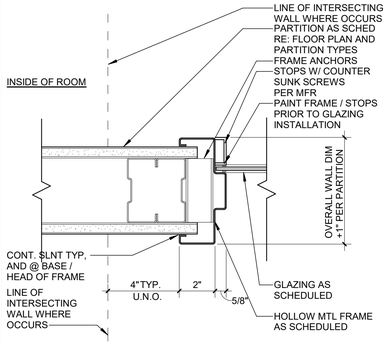
ALUM INTM D4

0 1" 3" 6" 3" = 1'-0"



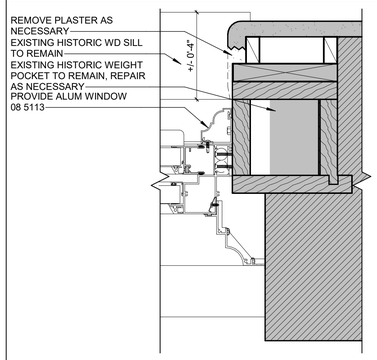
WOOD HEAD/JAMB D3

0 1" 3" 6" 3" = 1'-0"



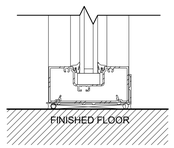
HM HEAD/JAMB D2

0 1" 3" 6" 3" = 1'-0"



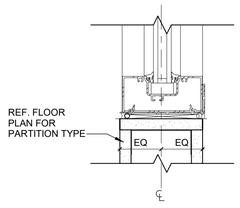
EXT JAMB D1

3" = 1'-0"



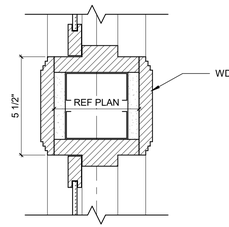
ALUM SILL @ FLOOR C5

0 1" 3" 6" 3" = 1'-0"



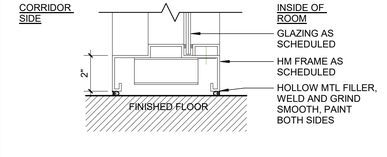
ALUM SILL C4

0 1" 3" 6" 3" = 1'-0"



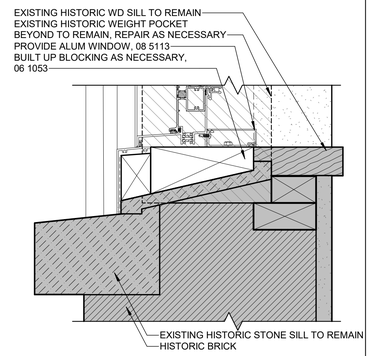
WOOD INTM C3

0 1" 3" 6" 3" = 1'-0"



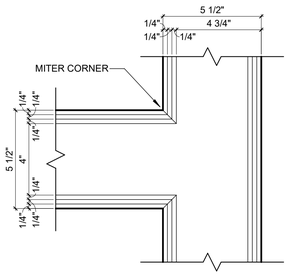
HM SILL @ FLOOR C2

0 1" 3" 6" 3" = 1'-0"



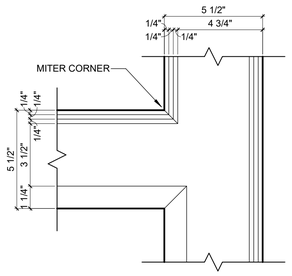
EXT SILL C1

3" = 1'-0"



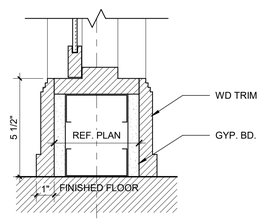
WD DR INT T INTXN B5

0 1" 3" 6" 3" = 1'-0"



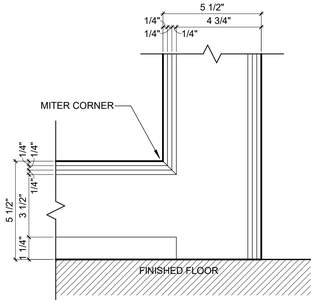
WD DR EXT T INTXN B4

0 1" 3" 6" 3" = 1'-0"



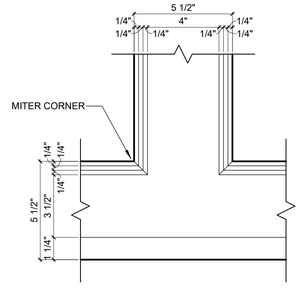
WOOD SILL @ FLOOR B3

0 1" 3" 6" 3" = 1'-0"



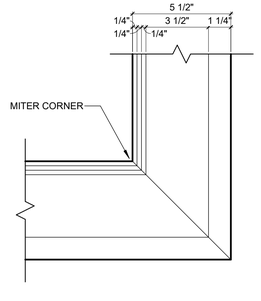
WD DR CORNER A5

0 1" 3" 6" 3" = 1'-0"



WD T INTERSECTION A4

0 1" 3" 6" 3" = 1'-0"



WD CORNER A3

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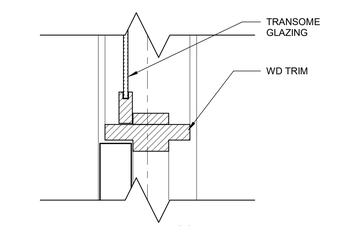
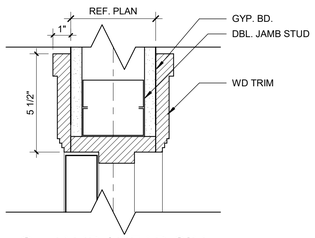
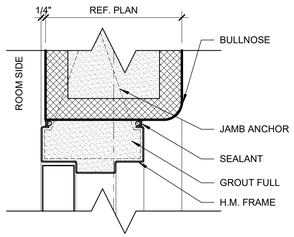


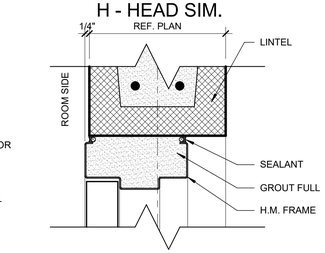
H - HEAD SIM.



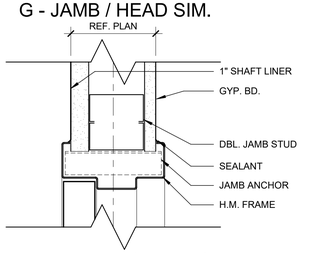
G - JAMB / HEAD SIM.



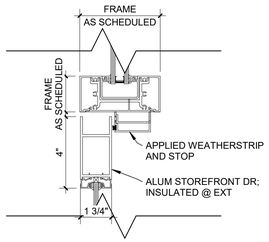
F - JAMB / HEAD SIM.



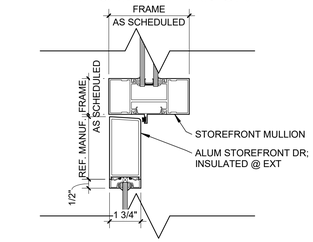
E - JAMB / HEAD SIM.



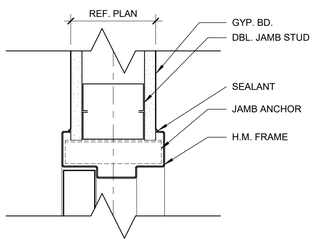
D - JAMB / HEAD SIM.



C - HEAD



B - JAMB



A - JAMB / HEAD SIM.

DOOR DETAILS 1

3" = 1'-0"

TREANORHL
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INDEPENDENCE, KANSAS 67301

CITY OF INDEPENDENCE KANSAS

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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

A621

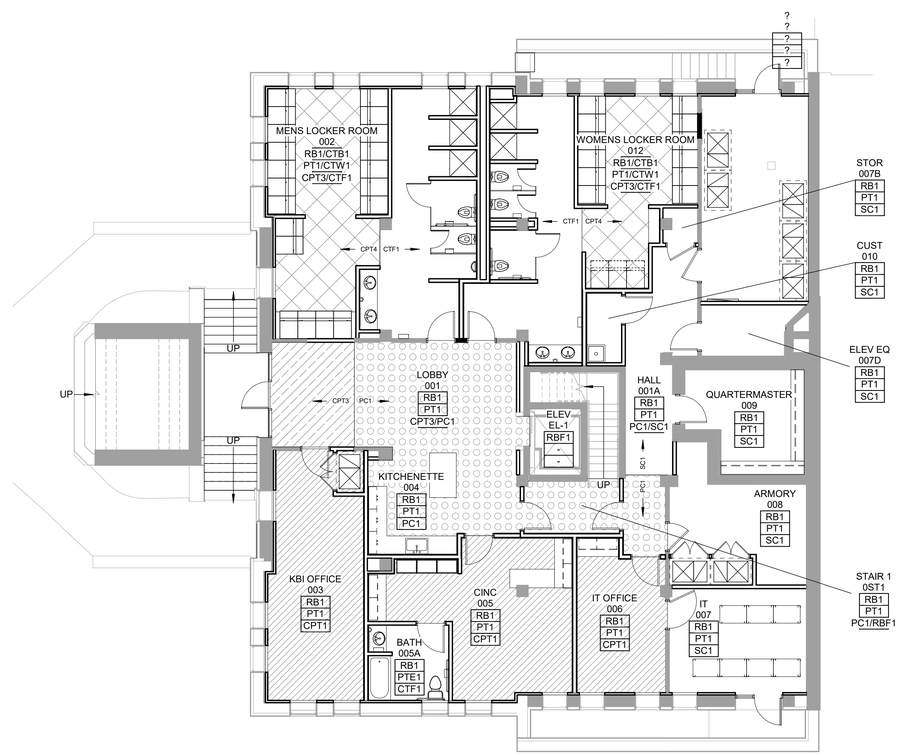
DOOR AND WINDOW DETAILS

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:42:56 AM

A700 - INTERIOR FINISH MATERIAL SCHEDULE

KEY	MATERIAL	MANUFACTURER	STYLE / COLOR / SIZE	NOTES
BASE				
PTB1	PAINT - EXISTING CONC. WALL BASE	SHERWIN WILLIAMS	TBD	(KEEP - MAY NEED TO PAINT EXIST. CONC. COVE WALL BASES IN LIEU OF RUBBER BASE)
RB1	RESILIENT WALL BASE	ROPPE	RUBBER COVE BASE / TBD / 8"H	
REB1	RESINOUS EPOXY COVE BASE	TBD	TBD	
RST	RESILIENT STAIR STRINGER	ROPPE	RUBBER STRINGER / COLOR: TBD	
WB1	WOOD BASE	-	MATCH EXISTING WOOD BASE - GRADE, SPECIES, CUT, SIZE / STAINED	REF. MILLWORK STN1 FOR STAIN COLOR
XSTB	EXISTING STONE BASE	-	EXISTING	
XTZB	EXISTING TERRAZZO BASE	-	EXISTING	
XWB	EXISTING WOOD BASE	-	EXISTING	
CEILING				
APC1	ACOUSTICAL PANEL CEILING	ARMSTRONG	ULTIMA / TEGULAR EDGE / WHITE / 2' X 2'	
PTC1	PAINT	SHERWIN WILLIAMS	TBD	
PTC2	PAINT	SHERWIN WILLIAMS	TBD	
DOORS & FRAMES				
ALUM	ALUMINUM - INTERIOR		DARK BRONZE	
PTD1	PAINT - WOOD DOOR	SHERWIN WILLIAMS	PAINT GRADE DOOR / COLOR: TBD	
PTM1	PAINT - HM FRAME / DOOR	SHERWIN WILLIAMS	TBD	
WDS1	WOOD DOOR - STAINED	-	MATCH EXISTING WOOD - SPECIES / CUT - XXX / STAINED (REF. STN1)	REF. MILLWORK STN1 FOR STAIN COLOR
FLOOR				
CPT1	CARPET TILE	TBD	TBD (ALLOWANCE - $28 SY MATERIAL)	
CPT2	CARPET TILE	TBD	TBD (ALLOWANCE - $28 SY MATERIAL)	
CPT3	CARPET TILE - WALKOFF	TBD	TBD (ALLOWANCE - $39-40 SY MATERIAL)	
CPT4	CARPET TILE	J+J FLOORING	KINETEX / TBD / 24" X 24"	
CTF1	CERAMIC TILE FLOOR	TBD	TBD (ALLOWANCE - $2.50 SF MATERIAL TILE ONLY)	
PC1	POLISHED CONCRETE	TBD	TBD	
PTF1	PAINT	TBD	TBD	
RBF1	RUBBER FLOORING & TREAD/RISERS	ROPPE	RUBBER FLOOR TILE & RUBBER STAIR TREADS/RISERS	PROVIDE RUBBER TILE AT FLOORS/LANDINGS & RUBBER TREADS/RISERS WHERE CALLED OUT IN STAIRWAYS
REF1	RESINOUS EPOXY FLOORING	TBD	TBD	
SC1	SEALED CONCRETE			
XTZF	EXISTING TERRAZZO	EXISTING	EXISTING	
MILLWORK				
PLB1	PLASTIC LAMINATE - CABINET BODY	WILSONART OR FORMICA		
PLC1	PLASTIC LAMINATE - COUNTERTOP	WILSONART OR FORMICA		
PULL1	CABINET - PULL	TBD	TBD	
QZ1	QUARTZ - COUNTERTOP	TBD	TBD	
QZ2	QUARTZ - COUNTERTOP	TBD	TBD	
STN1	WOOD STAIN	-	MATCH EXISTING HISTORIC WOOD STAIN COLOR	
SUPP1	COUNTER - SUPPORT BRACKET	TBD		
WDB1	STAINED WOOD - CABINET BODY	-	MATCH EXISTING WOOD - SPECIES / CUT - XXX / STAINED (REF. STN1)	
MISC				
-	-	-		
AWP1	ACOUSTICAL WALL PANEL	TBD	1" THICK / FABRIC - TBD	
GF1	GLASS FILM	TBD	TBD	PROVIDE AT BASEMENT LOCKER WINDOWS - APPLY TO INTERIOR SIDE
RS1	ROLLER SHADES	MECHOSHADE	MECHO-5 / SERIES 1600 / CLOTH: 3% OPENNESS FACTOR / COLOR TBD	
TGF1	WOOD STAIN	-	MATCH EXISTING HISTORIC WOOD STAIN COLOR	
TGW2	ALUMINUM - INTERIOR		DARK BRONZE	
TP1	TOILET PARTITION		TBD	
WALL				
CTW1	CERAMIC TILE WALL	TBD	TBD	
PT1	PAINT	SHERWIN WILLIAMS	TBD	
PT2	PAINT	SHERWIN WILLIAMS	TBD	
PT4	PAINT	SHERWIN WILLIAMS	TBD	
PTE1	EPOXY PAINT	SHERWIN WILLIAMS	TBD	
WDP1	WOOD WALL PANELING		MATCH EXISTING WOOD - SPECIES / CUT - XXX / STAINED (STN1)	REF. MILLWORK STN1 FOR STAIN COLOR
XSTW	EXISTING STONE WAINSCOT	-	-	



BASEMENT - FINISH PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES

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KEY/TYPES

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J REFERENCE REFLECTED CEILING PLANS FOR CEILING FINISHES

K REFERENCE PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES

L TILE WAINSCOT TO 4'-0" A.F.F. INTEGRATE ELECTRICAL SWITCH PLATES, DIAPER CHANGING STATIONS, ETC. INTO TILE PATTERN, TYP REF XX/XXX

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H. WHERE WALL TILE, BASE TILE, MORTAR, TERRAZZO BASE, FIXTURES, STONE PANEL CLADDING, ETC. REMOVED FROM WALLS -PATCH AND PREPARE WALL TO RECEIVE FINAL SCHEDULED WALL FINISH(ES).
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J. PROVIDE NEW STONE WALL CLADDING MATCHING EXISTING ONLY AS REQUIRED IF EXISTING SALVAGED IS SHORT OF QUANTITY. IDENTIFY IF REQ. & REVIEW W/ ARCHITECT.

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UP TO 25% OF SURFACE AND/OR HOLES THAT INVOLVE LOSS OF SUBSTRATE; CHIPS, DENTS, OR MISC DAMAGED AREAS (INCLUDING DELAMINATING FINISH OR SKIM COAT) GREATER THAN 1 SQ FT IN AREA (MAY INVOLVE THE LOSS OF SUBSTRATE).

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WALL FINISH LEGEND

WDP1

AWP1

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REVISIONS

NO	DESCRIPTION	DATE

A700

BASEMENT FINISH PLAN

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
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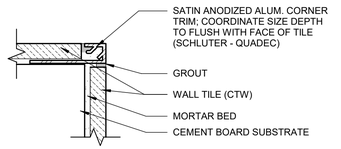
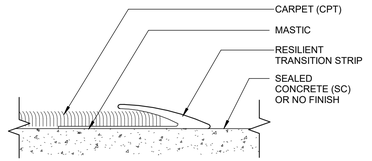


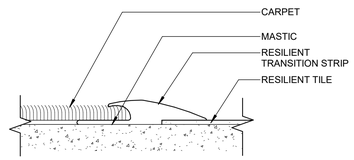
CTW CORNER- SQ TRIM D5

0 1/2" 1" 2" 12" = 1'-0"



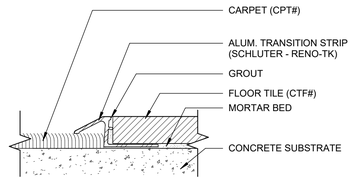
CPT TO SC D4

0 1/2" 1" 2" 12" = 1'-0"



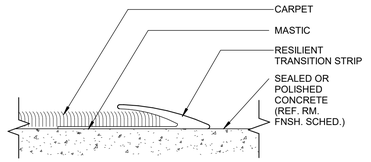
CPT TO RTF D3

0 1/2" 1" 2" 12" = 1'-0"



CPT TO CTF D2

0 1/2" 1" 2" 12" = 1'-0"



CPT TO CONC. D1

0 1/2" 1" 2" 12" = 1'-0"



FIRST FLOOR - FINISH PLAN A1

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0 4' 8' 16'

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WALL FINISH LEGEND

WDP1

AWP1

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REVISIONS

NO	DESCRIPTION	DATE

A701

FIRST FLOOR FINISH PLAN

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
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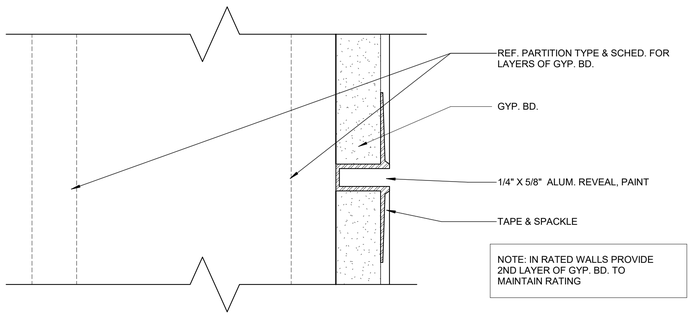
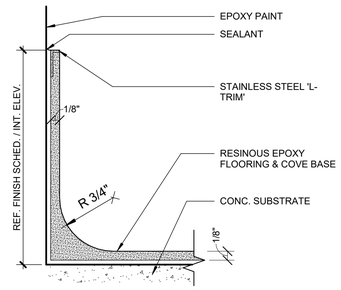


TYP.GYP.BD.BEVEAL D2

0 1/2" 1" 2" 12" = 1'-0"



RESINOUS COVE BASE D1

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G. WHERE RESILIENT FLOOR TILE, CERAMIC FLOOR TILE, MORTAR, SHOWER PANS, WALLS, ETC. REMOVED - PATCH, LEVEL AND PREP FLOORS TO RECEIVE FINAL FINISH(ES).
H. WHERE WALL TILE, BASE TILE, MORTAR, TERRAZZO BASE, FIXTURES, STONE PANEL CLADDING, ETC. REMOVED FROM WALLS -PATCH AND PREPARE WALL TO RECEIVE FINAL SCHEDULED WALL FINISH(ES).
I. WHERE FLOOR AREAS INFILLED - LEVEL AND PREPARE TO RECEIVE FINAL SCHEDULED FLOOR FINISH, COORDINATE HEIGHTS WITH ADJACENT FLOORING TO REMAIN AND SCHEDULED FINISH FLOORING. INTENT IS FOR FINISHES TO BE LEVEL/FLUSH U.N.O.
J. PROVIDE NEW STONE WALL CLADDING MATCHING EXISTING ONLY AS REQUIRED IF EXISTING SALVAGED IS SHORT OF QUANTITY. IDENTIFY IF REQ. & REVIEW W/ ARCHITECT.

PLASTER REPAIR LEGEND:

* SPACE INACCESSIBLE DURING CONDITION ASSESSMENT, OR NON-HISTORIC PANELING / FURRING/ WALLPAPER PREVENTING ASSESSMENT. CONTRACTOR SHALL VERIFY PLASTER CONDITION IN FIELD & NOTIFY ARCHITECT.

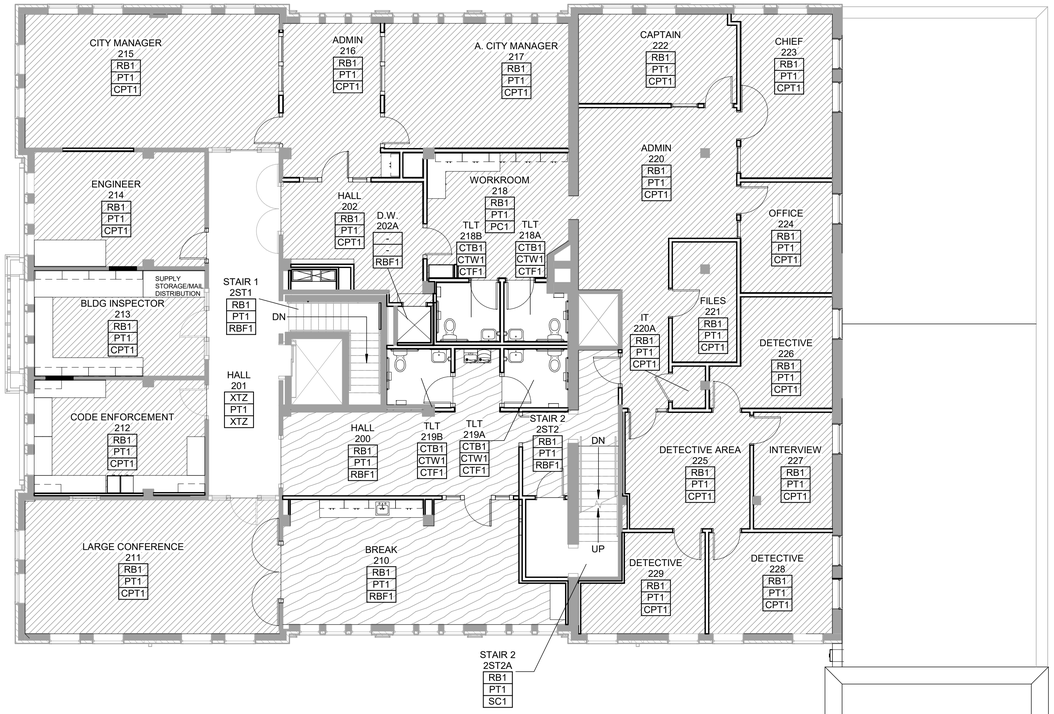
1. PLASTER REPAIR CLASS 1:
5% OF SURFACE OF HAIRLINE CRACKS (1/16" WIDE OR LESS); HOLES 1/2" OR LESS IN DIAMETER

2. PLASTER REPAIR CLASS 2:
UP TO 10% OF SURFACE AND/OR HOLES GREATER THAN 1/2" IN DIAMETER AND LESS THAN 4" IN DIAMETER WITH SUBSTRATE INTACT, CHIPS, DENTS, MISC. DAMAGED AREAS (INCLUDING DELAMINATING FINISH OR SKIM COAT) LESS THAN 1 SQ FT. IN AREA

3. PLASTER REAPIR CLASS 3:
UP TO 25% OF SURFACE AND/OR HOLES THAT INVOLVE LOSS OF SUBSTRATE; CHIPS, DENTS, OR MISC DAMAGED AREAS (INCLUDING DELAMINATING FINISH OR SKIM COAT) GREATER THAN 1 SQ FT IN AREA (MAY INVOLVE THE LOSS OF SUBSTRATE).

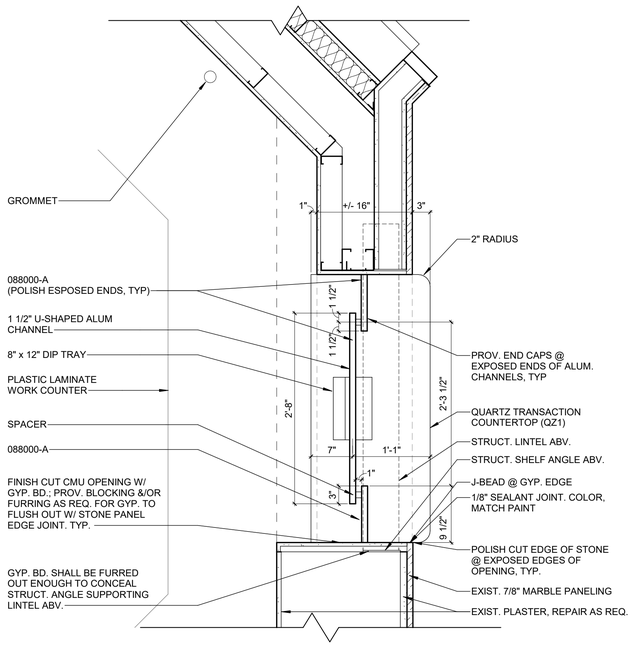
4. PLASTER REPAIR CLASS 4:
ALL PREVIOUS CONDITIONS IN LEVELS 1-3 COMPRISING UP TO 40% OF SURFACE AND/OR SURFACES PREVIOUSLY SKIM COATED WITH NON-HISTORIC FINISH PLASTER OR EXHIBITING HIGHLY IRREGULAR OR UNEVEN EXISTING FINISH COATS.

5. PLASTER REPAIR CLASS 5:
ALL CONDITIONS POSSIBLE IN LEVELS 1-4 COMPRISING UP TO 60% AND/OR EXTENSIVE AREAS OF DAMAGED, LOOSE, OR WEAKENED PLASTER TO BE REMOVED AND REPLACED AND/OR MISSING PLASTER AND SUBSTRATE.



SECOND FLOOR - FINISH PLAN A1

0 4' 8' 16' 1/8" = 1'-0"



Transaction Window Plan Dtls 1

1" = 1'-0"

WALL FINISH LEGEND

WDP1

AWP1

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CITY HALL RENOVATION
120 N. 6TH STREET
INDEPENDENCE, KANSAS 67301

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SECOND FLOOR FINISH PLAN

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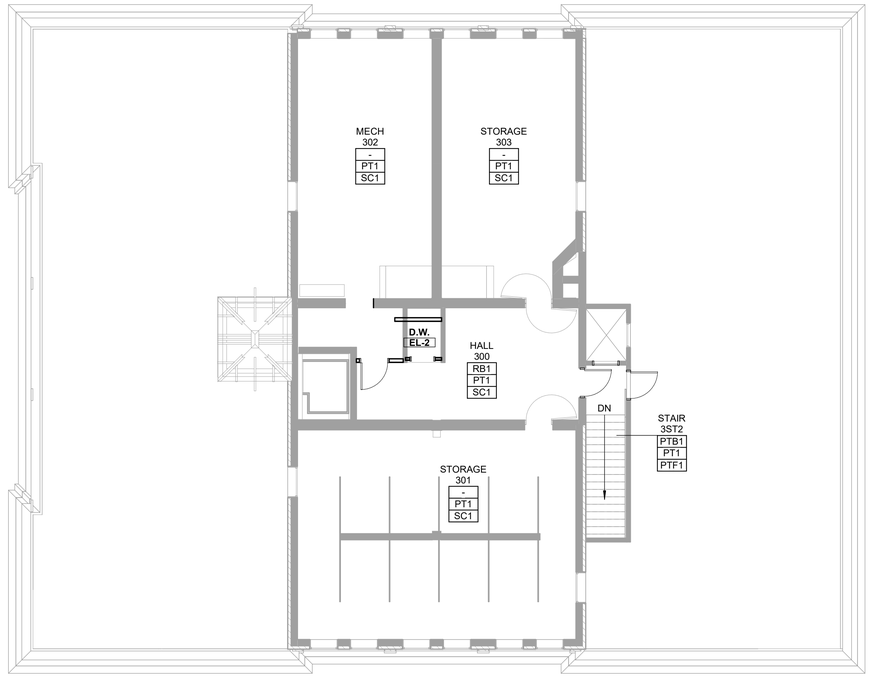

GENERAL NOTES

A HATCH PATTERNS AND LINE TYPES INDICATE MATERIAL TYPES ONLY AND ARE NOT INDICATIVE OF PATTERN, SIZE, ORIENTATION OR INSTALLATION METHOD OF ANY FINISH PRODUCT.

B REFERENCE FINISH SCHEDULE AND/OR SPECIFICATIONS FOR INSTALLATION PATTERNS. CONFIRM ORIENTATION OF DIRECTIONAL MATERIAL WITH ARCHITECT OF RECORD PRIOR TO INSTALLATION.

C FINISH FLOORING CONTINUES UNDER COUNTERTOPS, KNEE SPACES, TOE KICKS, VANITIES, PLUMBING FIXTURES, ETC. UNLESS NOTED OTHERWISE

D REFERENCE A700 FOR FINISH MATERIAL SCHEDULE FOR FINISH KEY/TYPES
KEY/TYPES

E REFERENCE A701 FOR TYPICAL FLOOR FINISH TRANSITION DETAILS

F FLOOR FINISH TRANSITIONS AT DOORS: LOCATE FLOOR FINISH MATERIAL TRANSITIONS UNDER THE CENTER LINE OF THE DOOR, UNO

G REFERENCE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION

H REFERENCE ARCHITECTURAL & PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS (NOT SHOWN HERE FOR READABILITY); COORDINATE FINISH FLOORING MATERIAL WITH FLOOR DRAINS AND SLOPES TO DRAINS

I REFERENCE BASEMENT LEVEL FOR ELEVATOR FLOOR FINISH & REFERENCE SPEC. FOR CAB FINISHES

J REFERENCE REFLECTED CEILING PLANS FOR CEILING FINISHES

K REFERENCE PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES

L TILE WAINSCOT TO 4'-0" A.F.F. INTEGRATE ELECTRICAL SWITCH PLATES, DIAPER CHANGING STATIONS, ETC. INTO TILE PATTERN, TYP REF XX/XXX

GENERAL NOTES FINISHES:

A. REF. SHEET A700 FOR FINISH MATERIAL LEGEND.
B. REF. PLASTER REPAIR LEGEND FOR EXTENT OF PLASTER REPAIR.
C. REF. PLANS AND PARTITION TYPES FOR MATERIAL SUBSTRATES.
D. REF. FINISH SCHEDULE AND/OR SPECIFICATIONS FOR INSTALLATION PATTERNS. CONFIRM ORIENTATION OF DIRECTIONAL MATERIAL WITH ARCHITECT OF RECORD PRIOR TO INSTALLATION.
E. FINISH FLOORING CONTINUOUS UNDER COUNTERTOPS, KNEE SPACES, TOE KICKS, VANITIES, PLUMBING FIXTURES, ETC. UNLESS NOTED OTHERWISE.
F. REFERENCE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
G. WHERE RESILIENT FLOOR TILE, CERAMIC FLOOR TILE, MORTAR, SHOWER PANS, WALLS, ETC. REMOVED - PATCH, LEVEL AND PREP FLOORS TO RECEIVE FINAL FINISH(ES).
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ALL CONDITIONS POSSIBLE IN LEVELS 1-4 COMPRISING UP TO 60% AND/OR EXTENSIVE AREAS OF DAMAGED, LOOSE, OR WEAKENED PLASTER TO BE REMOVED AND REPLACED AND/OR MISSING PLASTER AND SUBSTRATE.

WALL FINISH LEGEND

WDP1

AWP1

THIRD FLOOR - FINISH PLAN A1

1/8" = 1'-0"

0 4' 8' 16'

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NO	DESCRIPTION	DATE

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THIRD FLOOR FINISH PLAN

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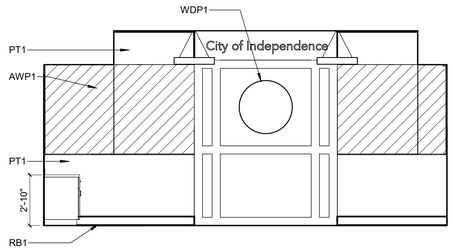
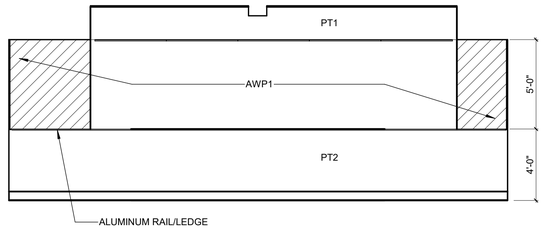
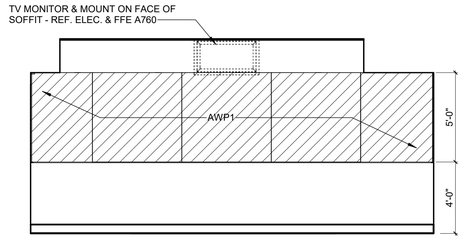


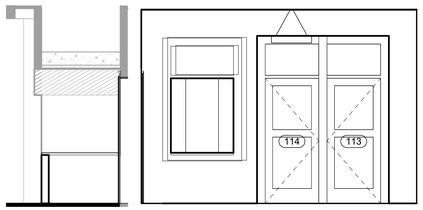
L1 - COURT - W E4
1/4" = 1'-0"



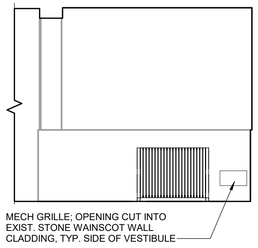
L1 - COURT - N E2
1/4" = 1'-0"



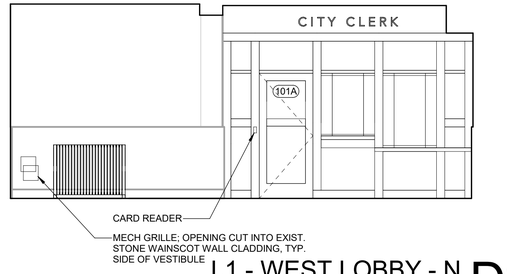
L1 - COURT - E E1
1/4" = 1'-0"



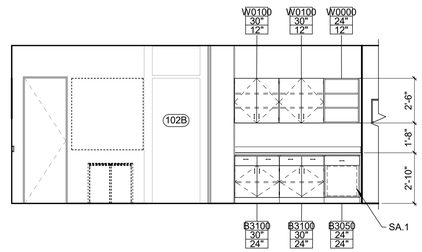
L1 - CORR - S D5
1/4" = 1'-0"



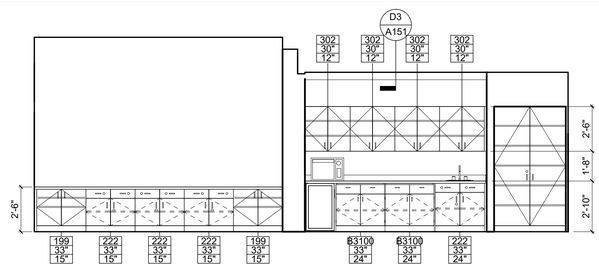
L1 - WEST LOBBY - S D4
1/4" = 1'-0"



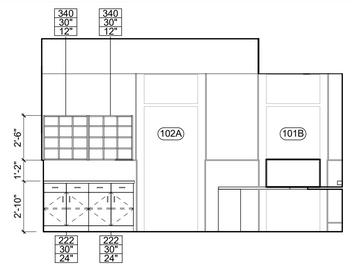
L1 - WEST LOBBY - N D2
1/4" = 1'-0"



L1 - OPEN OFFICE - S D1
1/4" = 1'-0"



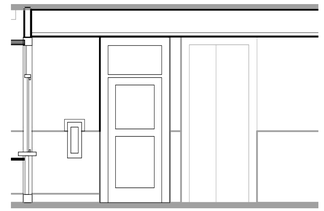
L1 - OPEN OFFICE - E C4
1/4" = 1'-0"



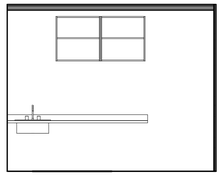
L1 - ADMIN - E C3
1/4" = 1'-0"



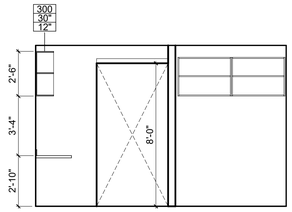
L1 - ADMIN - S C2
1/4" = 1'-0"



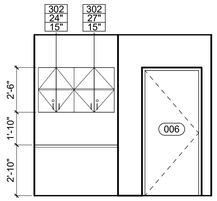
L1 - WEST LOBBY - E 1
1/4" = 1'-0"



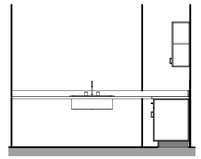
L1 - BREAK - W B4
1/4" = 1'-0"



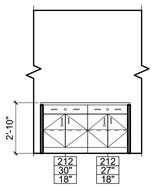
L1 - BREAK - N B3
1/4" = 1'-0"



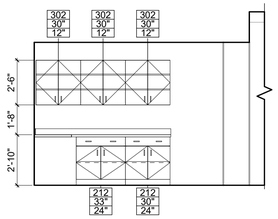
L0 - IT OFFICE - N B2
1/4" = 1'-0"



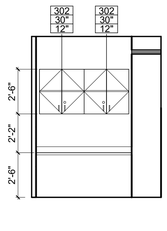
L0 - KITCHENETTE - N B1
1/4" = 1'-0"



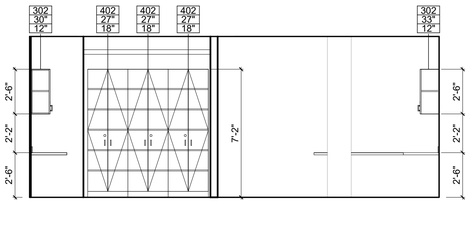
L0 - KITCHENETTE - E A5
1/4" = 1'-0"



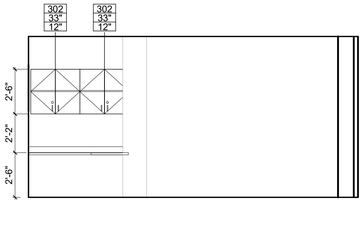
L0 - KITCHENETTE - W A4
1/4" = 1'-0"



L0 - CINC - W A3
1/4" = 1'-0"



L0 - CINC - N A2
1/4" = 1'-0"



L0 - CINC - E A1
1/4" = 1'-0"

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INTERIOR ELEVATIONS

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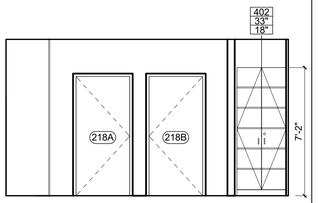
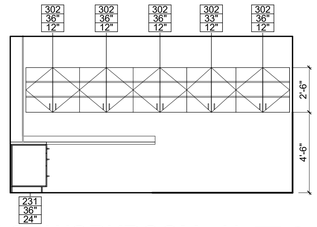


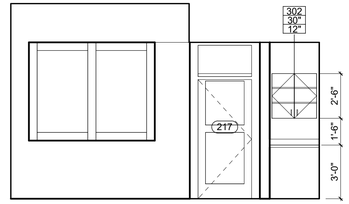
L2 - WORKROOM - S E5
1/4" = 1'-0"



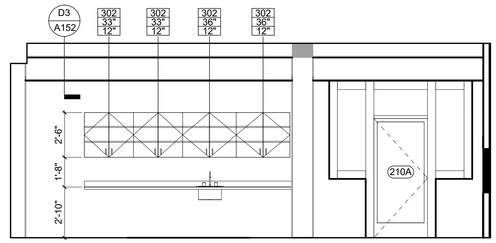
L2 - WORKROOM - W E4
1/4" = 1'-0"



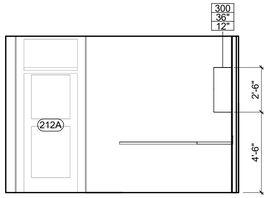
L2 - WORKROOM - N E3
1/4" = 1'-0"



L2 - ADMIN - E E2
1/4" = 1'-0"



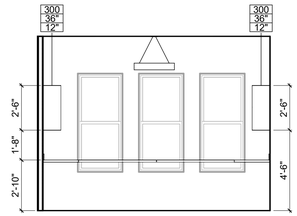
L2 - BREAK - N E1
1/4" = 1'-0"



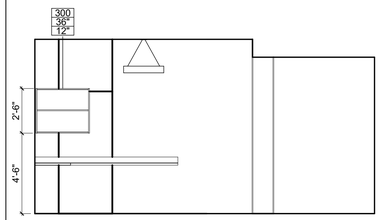
L2 - BICE - E D5
1/4" = 1'-0"



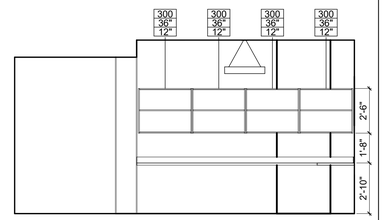
L2 - BICE - S D4
1/4" = 1'-0"



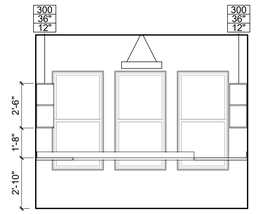
L2 - BICE - W D3
1/4" = 1'-0"



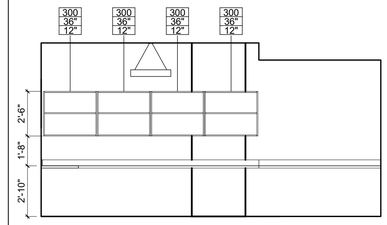
L2 - BICE - N D2
1/4" = 1'-0"



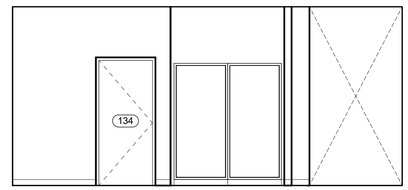
L2 - B INSPECTOR - S D1
1/4" = 1'-0"



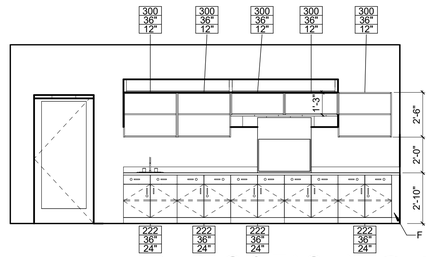
L2 - B INSPECTOR - W C5
1/4" = 1'-0"



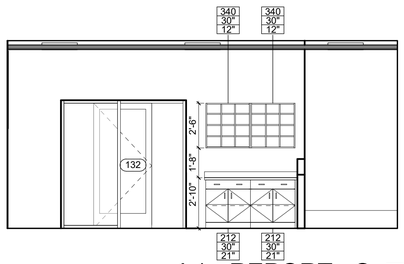
L2 - B INSPECTOR - N C4
1/4" = 1'-0"



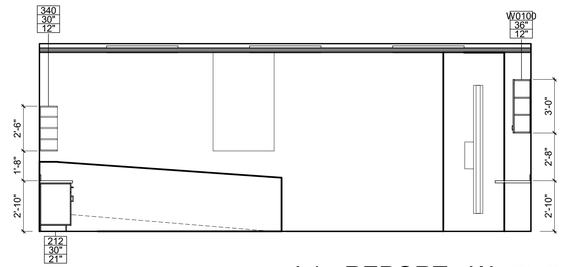
L1 - BAG & TAG - S C2
1/4" = 1'-0"



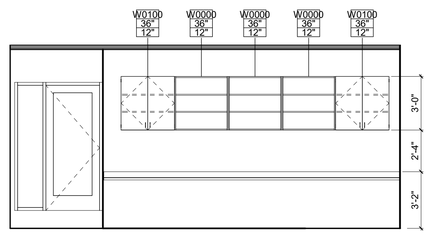
L1 - BAG & TAG - N C1
1/4" = 1'-0"



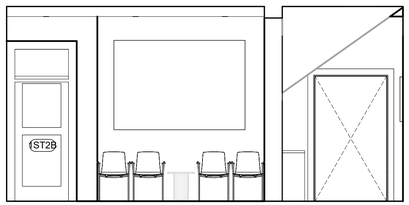
L1 - REPORT - S B5
1/4" = 1'-0"



L1 - REPORT - W B3
1/4" = 1'-0"



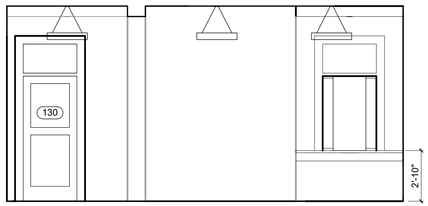
L1 - REPORT - N B2
1/4" = 1'-0"



L1 - SOUTH LOBBY - W A5
1/4" = 1'-0"



L1 - SOUTH LOBBY - N A2
1/4" = 1'-0"



L1 - SOUTH LOBBY - E A1
1/4" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES

A REFERENCE SHEET A411 - INTERIOR ELEVATIONS - BATHROOMS FOR ACCESSORIES SCHEDULE
B APPLIANCES TO BE PROVIDED BY OWNER

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REVISIONS

NO	DESCRIPTION	DATE

A722

INTERIOR ELEVATIONS

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:43:10 AM

EQUIPMENT SCHEDULE

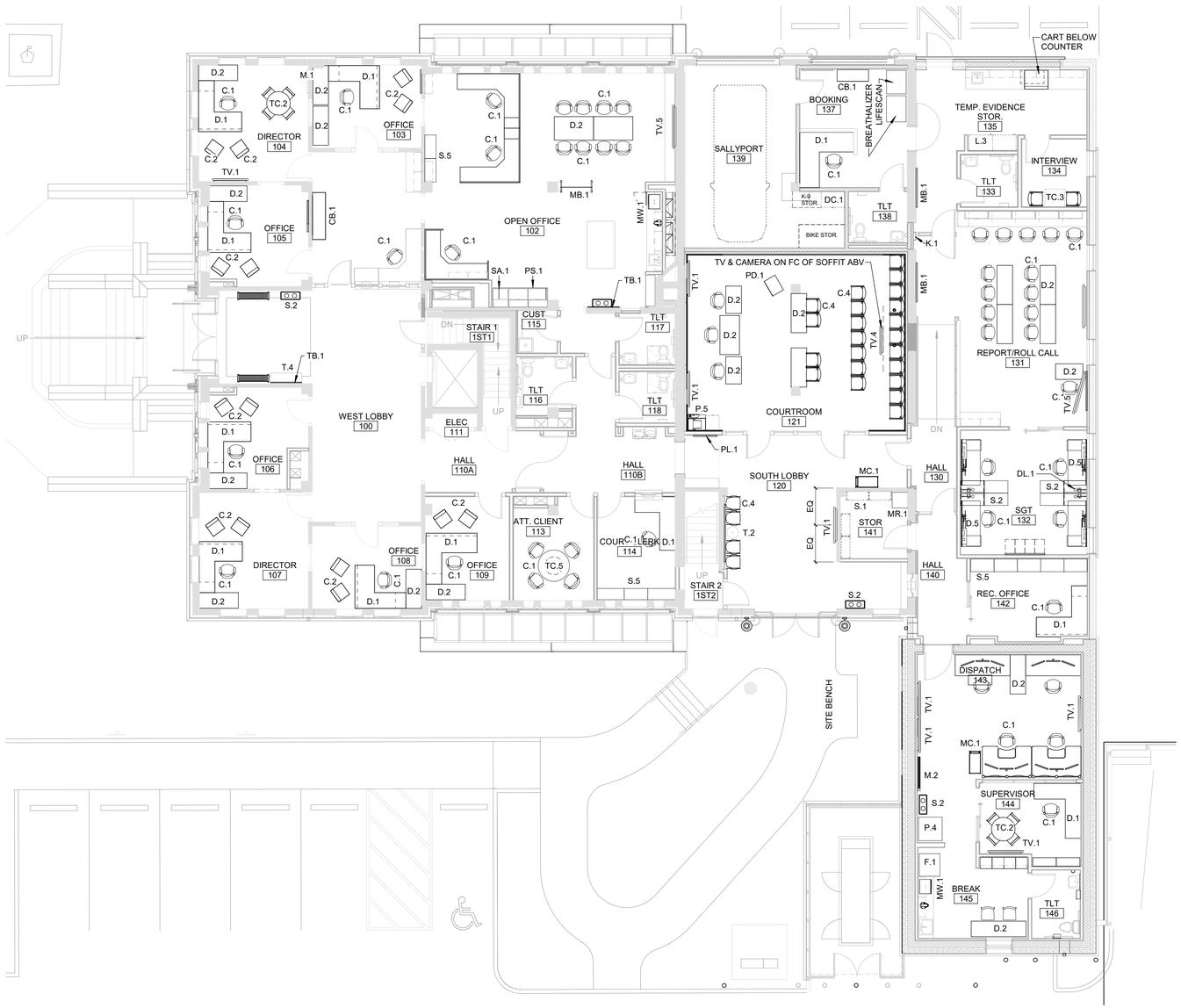
Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
B.1	EXISTING WOOD BENCH			EXISTING		
BR.1	EXISTING BREATHALYZER	ELEC		EXISTING		
C.1	EXECUTIVE OFFICE CHAIR			--		
C.2	VISITOR CHAIR			--		
C.3	STEELCASE STOOL WITH ARMS			--		
C.4	HAWORTH WIRE STACK CHAIR			--		
CB.1	CUFF BENCH		--			
CC.1	CINC ROOM COUCH WITH PULL OUT BED			--		
CC.2	LOUNGE COUCH/FURNITURE			--		
CM.1	KEURIG COFFEE MAKER	ELE		--		
CT.1	EXISTING CONFERENCE TABLE, 14'x4'	ELEC		EXISTING		
CT.2	ORANGE BOX OBVIO CONFERENCE TABLE	ELEC		--		
CT.3	HARMAN MILLER CONFERENCE TABLE			--		
D.1	OFFICE DESK, L-SHAPE 66Wx78D (WITH PRINTER/SCANNER, TYP FOR DESKS IN ROOMS 101-105)	ELEC, DATA		--		
D.2	HERMAN MILLER EVERYWHERE TABLE			--		
D.3	OFFICE DESK, L-SHAPE 78Wx78D			--		
D.4	DISPATCH DESK	ELEC, DATA		EXISTING		
D.5	STEELCASE OLOGY ELECTRIC DESK	ELEC		--		
D.6	CUBICLE WORKSTATION, 84"x108"	ELEC, DATA		--		
D.7	ADMIN DESK AT TRANSACTION WINDOW	ELEC, DATA		--		
D.8	STEELCASE UNIVERSAL SYSTEM WORK SURFACE			--		
D.9	STEELCASE DESK RETURN, 30"x48"			--		
D.10	EXISTING DESK, 6'x7'			EXISTING		
D.11	EXISTING DESK, 6'x9'			EXISTING		

EQUIPMENT SCHEDULE

Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
D.12	CUSTOM FURNITURE DESK			--		
DC.1	EVIDENCE DRYING CABINET	ELEC	--			
DL.1	STEELCASE MINI LED DESK LAMP	ELEC		--		
F.1	FRIDGE AND FREEZER	ELEC, WATER	--			
F.2	UNDER COUNTER MINI FRIDGE	ELEC	--			
FH.1	FUME HOOD	ELEC			--	
FP.1	EXISTING FLAG POLE AND FLAG			EXISTING		
K.1	PATROL KEY BOX			EXISTING		
L.1	TURNOUT GEAR LOCKER		--			
L.2	DISPATCH DOUBLE LOCKERS, 18"x18"		--			
L.3	EVIDENCE STORAGE LOCKERS, NON-PASS-THRU	ELEC	--			
LS.1	LIVE SCAN	ELEC		EXISTING		
M.1	EXISTING LARGE CITY MAP			EXISTING		
M.2	EXISTING DISPATCH MAPS			EXISTING		
MB.1	MARKER BOARD			--		
MC.1	MOBILE CART FINGER PRINT			--		
MR.1	EXISTING MED RETURN			EXISTING		
MW.1	MICROWAVE	ELEC		--		
P.1	PRINTER/COPIER	ELEC, DATA	--			
P.2	PAPER SHREDDER	ELEC	--			
P.3	EXISTING PLOTTER	ELEC, DATA		EXISTING		
P.4	EXISTING DISPATCH PRINTER/COPIER, 3'x3'	ELEC, DATA		EXISTING		
P.5	EXISTING COURTROOM PRINTER AND TABLE	ELEC, DATA		EXISTING		
PB.1	EXISTING PHOTO BACKDROP			EXISTING		
PD.1	EXISTING PODIUM			EXISTING		
PL.1	EXISTING PLAQUE			EXISTING		

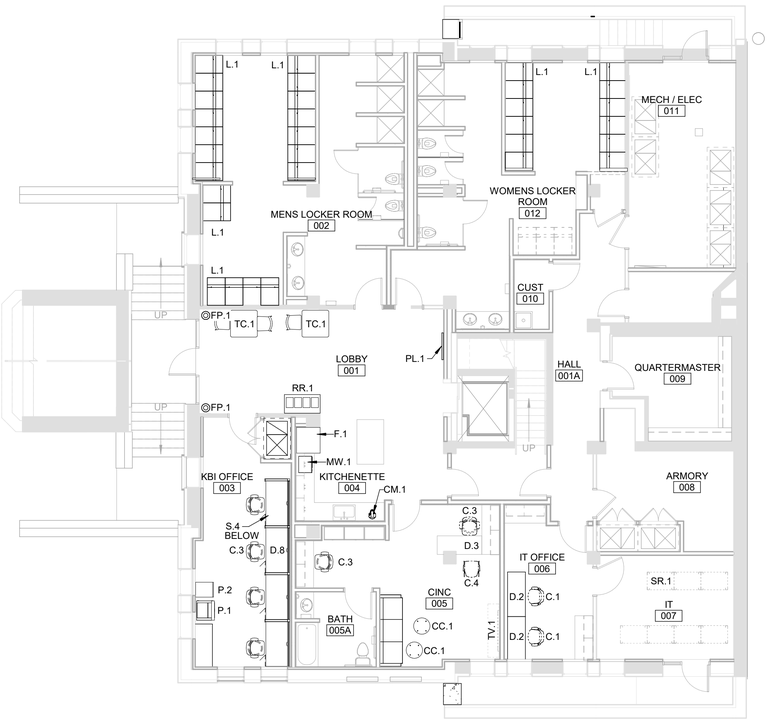
EQUIPMENT SCHEDULE

Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
PS.1	EXISTING POSTAL/SORTING MACHINE	ELEC, DATA		EXISTING		
RR.1	RECYCLING BIN			--		
S.1	SHELVING, 36"W			--		
S.2	STEELCASE UNIVERSAL STORAGE			--		
S.3	EXISTING SHELVES (2), 13"x44"			EXISTING		
S.4	STEELCASE ELECTIVE ELEMENTS BELOW DESK STORAGE			--		
S.5	LATERAL FILE CABINETS			--		
SA.1	EXISTING SAFE, 30"x30"			EXISTING		
SR.1	SERVER RACKS	ELEC		--		
T.1	EXISTING ROUND TABLE, 41" DIA			EXISTING		
T.2	SIDE TABLE			--		
T.3	CAFE/BAR HEIGHT MOVABLE TABLE			--		
TC.1	LOUNGE AREA HIGH TABLE AND STOOLS			--		
TC.2	TABLE (3' DIA) AND CHAIRS			--		
TC.3	INTERVIEW TABLE AND (2) CHAIRS			--		
TC.4	INTERVIEW TABLE AND (4) CHAIRS			--		
TC.5	TABLE (4' DIA) AND CHAIRS			--		
TR.1	TRASH BIN			--		
TV.1	60" SMART TV AND WALL MOUNT	ELEC, DATA		--		
TV.2	EXISTING DISPATCH TV, LARGE (3 TOTAL)	ELEC, DATA		EXISTING		
TV.3	EXISTING DISPATCH TV, SMALL (2 TOTAL)	ELEC, DATA		EXISTING		
TV.4	EXISTING COURTROOM TV AND WALL MOUNT, VIF SIZE	ELEC, DATA		EXISTING		
TV.5	80" TV AND WALL MOUNT	ELEC, DATA		--		
V.1	VENDING MACHINE	ELEC		--		



FIRST FLOOR PLAN - FFE A2

1/8" = 1'-0"



BASEMENT PLAN - FFE A1

1/8" = 1'-0"

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CITY OF INDEPENDENCE KANSAS

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NO	DESCRIPTION	DATE

A760

BASEMENT AND FIRST FLOOR - FFE PLAN

TreanorHL NO. HP0559.1901.00

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:43:22 AM

EQUIPMENT SCHEDULE

Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
B.1	EXISTING WOOD BENCH			EXISTING		
BR.1	EXISTING BREATHALYZER	ELEC		EXISTING		
C.1	EXECUTIVE OFFICE CHAIR			--		
C.2	VISITOR CHAIR			--		
C.3	STEELCASE STOOL WITH ARMS			--		
C.4	HAWORTH WIRE STACK CHAIR			--		
CB.1	CUFF BENCH		--			
CC.1	CINC ROOM COUCH WITH PULL OUT BED			--		
CC.2	LOUNGE COUCH/FURNITURE			--		
CM.1	KEURIG COFFEE MAKER	ELE		--		
CT.1	EXISTING CONFERENCE TABLE, 14'x4'	ELEC		EXISTING		
CT.2	ORANGE BOX OBVIO CONFERENCE TABLE	ELEC		--		
CT.3	HARMAN MILLER CONFERENCE TABLE			--		
D.1	OFFICE DESK, L-SHAPE 66Wx78D (WITH PRINTER/SCANNER, TYP FOR DESKS IN ROOMS 101-105)	ELEC, DATA		--		
D.2	HERMAN MILLER EVERYWHERE TABLE			--		
D.3	OFFICE DESK, L-SHAPE 78Wx78D			--		
D.4	DISPATCH DESK	ELEC, DATA		EXISTING		
D.5	STEELCASE OLOGY ELECTRIC DESK	ELEC		--		
D.6	CUBICLE WORKSTATION, 84"x108"	ELEC, DATA		--		
D.7	ADMIN DESK AT TRANSACTION WINDOW	ELEC, DATA		--		
D.8	STEELCASE UNIVERSAL SYSTEM WORK SURFACE			--		
D.9	STEELCASE DESK RETURN, 30"x48"			--		
D.10	EXISTING DESK, 6'x7'			EXISTING		
D.11	EXISTING DESK, 6'x9'			EXISTING		

EQUIPMENT SCHEDULE

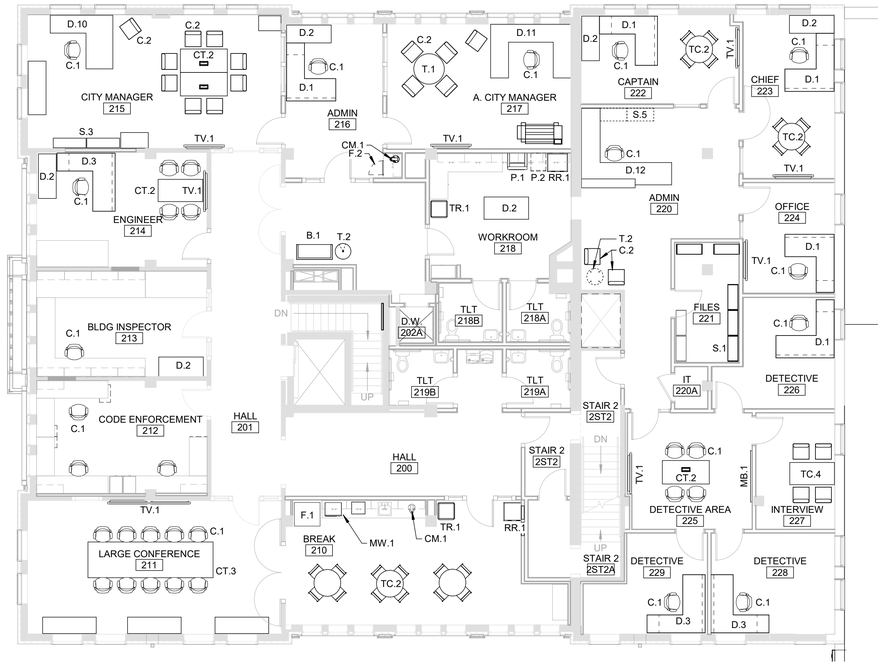
Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
D.12	CUSTOM FURNITURE DESK			--		
DC.1	EVIDENCE DRYING CABINET	ELEC	--			
DL.1	STEELCASE MINI LED DESK LAMP	ELEC		--		
F.1	FRIDGE AND FREEZER	ELEC, WATER	--			
F.2	UNDER COUNTER MINI FRIDGE	ELEC	--			
FH.1	FUME HOOD	ELEC			--	
FP.1	EXISTING FLAG POLE AND FLAG			EXISTING		
K.1	PATROL KEY BOX			EXISTING		
L.1	TURNOUT GEAR LOCKER		--			
L.2	DISPATCH DOUBLE LOCKERS, 18"x18"		--			
L.3	EVIDENCE STORAGE LOCKERS, NON-PASS-THRU	ELEC	--			
LS.1	LIVE SCAN	ELEC		EXISTING		
M.1	EXISTING LARGE CITY MAP			EXISTING		
M.2	EXISTING DISPATCH MAPS			EXISTING		
MB.1	MARKER BOARD			--		
MC.1	MOBILE CART FINGER PRINT			--		
MR.1	EXISTING MED RETURN			EXISTING		
MW.1	MICROWAVE	ELEC		--		
P.1	PRINTER/COPIER	ELEC, DATA	--			
P.2	PAPER SHREDDER	ELEC	--			
P.3	EXISTING PLOTTER	ELEC, DATA		EXISTING		
P.4	EXISTING DISPATCH PRINTER/COPIER, 3'x3'	ELEC, DATA		EXISTING		
P.5	EXISTING COURTROOM PRINTER AND TABLE	ELEC, DATA		EXISTING		
PB.1	EXISTING PHOTO BACKDROP			EXISTING		
PD.1	EXISTING PODIUM			EXISTING		
PL.1	EXISTING PLAQUE			EXISTING		

EQUIPMENT SCHEDULE

Key Name	Description-Spec Equip	Utilities	OWNER FURNISHED CONTRACTOR INSTALLED	OWNER FURNISHED OWNER INSTALLED	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	CONTRACTOR FURNISHED OWNER INSTALLED
PS.1	EXISTING POSTAL/SORTING MACHINE	ELEC, DATA		EXISTING		
RR.1	RECYCLING BIN			--		
S.1	SHELVING, 36"W			--		
S.2	STEELCASE UNIVERSAL STORAGE			--		
S.3	EXISTING SHELVES (2), 13"x44"			EXISTING		
S.4	STEELCASE ELECTIVE ELEMENTS BELOW DESK STORAGE			--		
S.5	LATERAL FILE CABINETS			--		
SA.1	EXISTING SAFE, 30"x30"			EXISTING		
SR.1	SERVER RACKS	ELEC		--		
T.1	EXISTING ROUND TABLE, 41" DIA			EXISTING		
T.2	SIDE TABLE			--		
T.3	CAFE/BAR HEIGHT MOVABLE TABLE			--		
TC.1	LOUNGE AREA HIGH TABLE AND STOOLS			--		
TC.2	TABLE (3' DIA) AND CHAIRS			--		
TC.3	INTERVIEW TABLE AND (2) CHAIRS			--		
TC.4	INTERVIEW TABLE AND (4) CHAIRS			--		
TC.5	TABLE (4' DIA) AND CHAIRS			--		
TR.1	TRASH BIN			--		
TV.1	60" SMART TV AND WALL MOUNT	ELEC, DATA		--		
TV.2	EXISTING DISPATCH TV, LARGE (3 TOTAL)	ELEC, DATA		EXISTING		
TV.3	EXISTING DISPATCH TV, SMALL (2 TOTAL)	ELEC, DATA		EXISTING		
TV.4	EXISTING COURTROOM TV AND WALL MOUNT, VIF SIZE	ELEC, DATA		EXISTING		
TV.5	80" TV AND WALL MOUNT	ELEC, DATA		--		
V.1	VENDING MACHINE	ELEC		--		



THIRD FLOOR PLAN - FFE A3
1/8" = 1'-0"



SECOND FLOOR PLAN - FFE A1
1/8" = 1'-0"

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REVISIONS

NO	DESCRIPTION	DATE

A762

SECOND AND THIRD FLOOR - FFE PLAN

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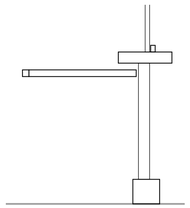
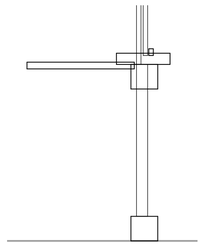
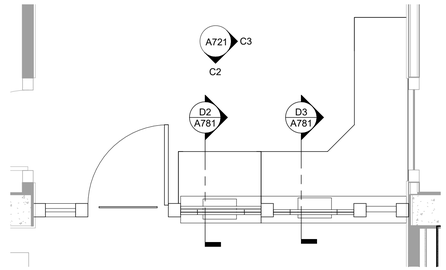


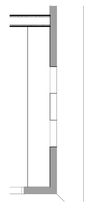
CLERK - 34" COUNTER SECT D3
3/4" = 1'-0"



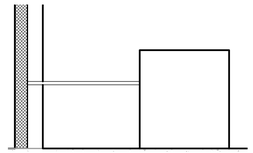
CLERK - 42" COUNTER SECT D2
3/4" = 1'-0"



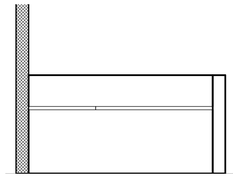
L1 - ADMIN DESK D1
3/8" = 1'-0"



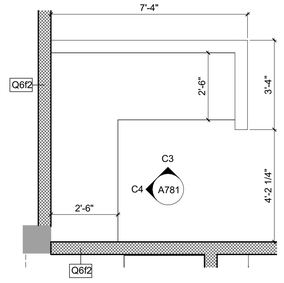
L1 - DISPATCH WDO PLAN C5
3/8" = 1'-0"



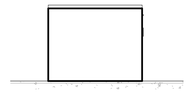
L1 - BOOKING DESK - W C4
3/8" = 1'-0"



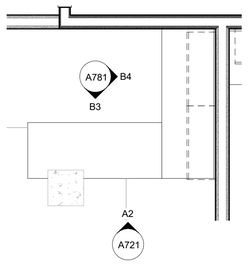
L1 - BOOKING DESK - N C3
3/8" = 1'-0"



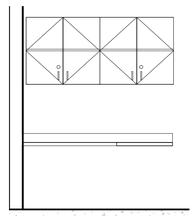
L1 - BOOKING DESK C2
3/8" = 1'-0"



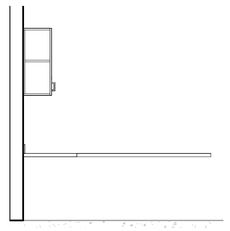
L1 - OPEN OFFICE - ISLAND END C1
3/8" = 1'-0"



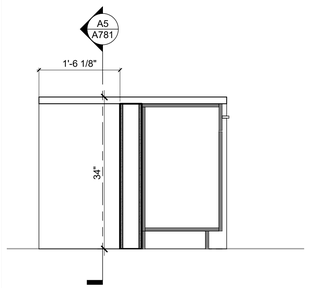
L0 - CINC DESK B5
3/8" = 1'-0"



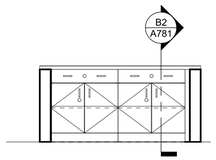
L0 - CINC DESK - E B4
3/8" = 1'-0"



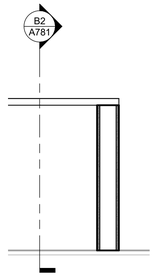
L0 - CINC DESK - S B3
3/8" = 1'-0"



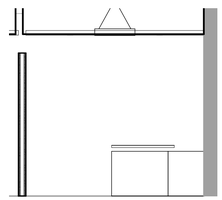
ISLAND - SECTION B2
3/4" = 1'-0"



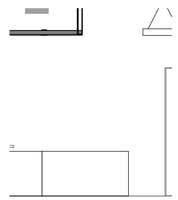
L1 - OPEN OFFICE - ISLAND ELEV B1
3/8" = 1'-0"



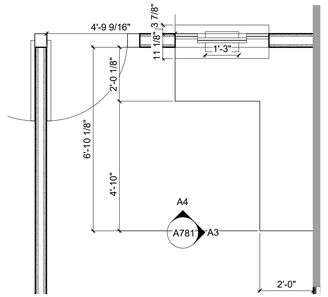
L1 - OPEN OFFICE - ISLAND SECT @ END A5
3/4" = 1'-0"



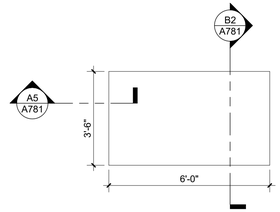
L1 - COURT CLERK DESK - N A4
1/4" = 1'-0"



L1 - COURT CLERK DESK - E A3
1/4" = 1'-0"



L1 - COURT CLERK DESK A2
3/8" = 1'-0"



L1 - OPEN OFFICE - ISLAND PLAN A1
3/8" = 1'-0"

BIM 360://HP0559.1901.00 Independence City Hall Phase 2/Independence KS City Hall_Renovation.rvt
1/24/2022 10:43:33 AM

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CITY OF INDEPENDENCE KANSAS

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Issued For: 100CD

Date: 01/28/22

REVISIONS

NO	DESCRIPTION	DATE

A781

MILLWORK

TreanorHL NO. HP0559.1901.00

GENERAL NOTES - STRUCTURAL

1. General Information

A. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.
B. The contractor shall coordinate all disciplines, verifying size and location of all openings, whether shown on structural drawings or not, as called for on architectural, mechanical, or electrical drawings. In the case of work in an existing building the contractor shall scan existing structure to locate all rebar in the area of the new core/opening using ground penetrating radar and notify the engineer of record for review prior to coring/cutting. Conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the architect or engineer's attention for direction before proceeding.
C. All design and construction work for this project shall conform to the requirements of the following governing design codes:
   1. International Building Code (IBC 2012) as amended by the city of _____
   2. Minimum Design Loads for Buildings and Other Structures (ASCE7-10)
   3. Specification for Structural Steel Buildings (AISC 360-10)
      Member Design Basis is Allowable Stress Design (ASD)
      Connection Design Basis is Allowable Stress Design (ASD)
   4. Structural Welding Code (AWS D1.3-98)
   5. Building Code Requirements for Structural Concrete (ACI 318-11)
   6. Building Code Requirements for Masonry Structures (ACI 530-11/TMS 402-11)
   7. North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100-07/S1-1)
   8. National Design Specification (NDS) for Wood Constriction with 2012 Supplements (ANSI/AWC NDS-2012)
   9. Special Design Provisions for Wind and Seismic (AWC SDPWS-2008)
D. These drawings are for this specific project and no other use is authorized.

2. Structural Load Design Criteria

A. Floor Live = _____psf (An allowance of 15psf has been made for partitions as a uniformly distributed live load where the live load stated above is 80psf or less) Floor Collateral Dead = _____psf
B. Roof Live = 20 psf; Roof Collateral Dead = _____psf
C. Snow: Pg = 20psf, Pf =14psf, Is = 1.0, Ce = 1.0, Ct = 1.0, Drift per ASCE/SEI 7
D. Lateral Loads:
   1.) Wind: V = _____ mph, Exposure _____
   Occupancy [Risk] Category II, Iw= 1.0 GCpi=+/-0.18
   Design wind pressures to be used for the design of exterior component and cladding materials on the designated zones of wall and roof surfaces shall be per section 30.7 and Table 30.7-2 of ASCE/SEI 7. Tabulated pressures shall be multiplied by effective area reduction factors, exposure adjustment factors, and topographic factors where applicable
   2.) Seismic: Ss = _____ S1 = _____
   Occupancy [Risk] Category II, Ie=1.0,
   Site Classification _____; Sds = _____; Sd1 = _____
   Seismic Design Category __
   Basic Seismic Force-resisting System:
   _____
   Equivalent Lateral Force Procedure
   R = _____; V = _____W; Omega = _____; Cd=_____
E. This project is designed to resist the most critical effects resulting from the load combinations of section 1605.3 of the International Building Code.

3. Concrete

A. All concrete for foundations (walls, grade beams, footings and piers) shall develop minimum ultimate compressive design strength of 3500 psi in 28 days, but not less than 500 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 6 gallons of water per 100 pounds of cement and not over 4 inches of slump.
B. All concrete for interior flatwork (without floor covering) shall develop minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 525 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5.75 gallons of water per 100 pounds of cement and not over 4 inches of slump. Concrete mix shop drawing shall contain testing data proving concrete design mix shrinkage is less than 0.034% at 28 days when tested according to ASTM C157 (air drying method only).
C. All concrete for interior flatwork (with floor covering) shall develop minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 540 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5.40 gallons of water per 100 pounds of cement and not over 4 inches of slump. Concrete mix shop drawing shall contain testing data proving concrete design mix shrinkage is less than 0.034% at 28 days when tested according to ASTM C157 (air drying method only).
D. All concrete for exterior flatwork shall have a minimum design compressive strength of 4500 psi in 28 days, with not less than 560 pounds of cement per cubic yard of concrete, not over 5 gallons of water per 100 pounds of cement, with 6% +/- 1% air entrainment, and a maximum of 4 inches of slump.
E. All concrete for columns shall develop a minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 560 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5 gallons of water per 100 pounds of cement and not over 4 inches of slump.
F. The preceding minimum mix requirements may have water-reducing admixtures conforming to ASTM C494 added to the mix at manufacturer's dosage rates for improved workability.
G. The preceding minimum mix requirements may have up to 15% maximum of the cement content replaced with an approved ASTM C618 Class C fly ash, provided the total minimum cementitious content is not reduced.
H. The use of fly ash is NOT permitted.
I. Combined aggregate (coarse plus fine) for all concrete shall be well graded from coarsest to finest with no more than 18 percent and not less than 8 percent retained on an individual sieve, except that less than 8 percent may be retained on coarsest sieve and on No. 50 and finer sieves. Submit this gradation report with the concrete mix design shop drawings.
J. All interior concrete slabs on grade shall be placed over 15 mil, Class A Vapor Barrier per ASTM E1745 with less than 0.01 perms, tested after mandatory conditioning. All joints shall be lapped and sealed per manufacturer's recommendations. All penetrations, as well as damaged vapor barrier material shall also be sealed per manufacturer's recommendation prior to concrete placement. Install barrier per manufacturer recommended details at all discontinuous edges (at interior columns, exterior edge of slab, etc.) to ensure terms of warranty are followed. The vapor barrier shall be placed over free-draining granular material as prescribed by the project soils report.
K. Basement foundation walls shall be braced at the base and top of wall by the contractor until the slab on grade at the base and the floor framing/slab at the top of wall is complete and the concrete has achieved 75% of the design strength. The contractor is responsible for engineering and design of the wall bracing, if required.
L. All concrete is reinforced concrete unless specifically called out as unreinforced. Reinforce all concrete not otherwise shown with same steel as in similar sections or areas. Any details not shown shall be detailed per ACI 315 and meet requirements of ACI 318, current editions.
M. Control joints in dirt formed slab to be as shown on plans. Where not shown, limit controlled areas to not more than 144 square feet, or 12 feet on any side. Slab panel side ratio shall not exceed 1 1/2 to 1.
N. Contractor shall verify that all concrete inserts, reinforcing and embedded items are correctly located and rigidly secured prior to concrete placement.
O. Construction joints in beams, slabs, and grade beams shall occur at midspan (middle third) unless noted otherwise. Provide 2 x 4 horizontal keys at construction joints for shear transfer.
P. No aluminum items shall be embedded in any concrete.

4. Reinforcing Steel

A. All reinforcing steel shall conform to the requirements of ASTM A615 or A706 grade 60 steel. Welded plain wire fabric shall be supplied in sheets and conform to the requirements of ASTM A185.
B. Clear coverage of concrete over reinforcing steel shall be as follows:
   1. Concrete placed against earth: 3"
   2. Formed concrete against earth: 2"
   3. Slabs: 1"
   4. Beams or Columns: 1-1/2"
   5. Other 2"
   All coverage shall be nominal bar diameter minimum.
C. All dowels shall be the same size and spacing as adjoining main bars (splice lap 48 bar diameters or 24" minimum unless noted otherwise).
D. At corners of all walls, beams, and grade beams supply corner bars (minimum 2'-0" in each direction or 48 bar diameters) in outside face of wall, matching size and spacing of horizontal bars. Where there are no vertical bars in outside face of wall, supply 3 - #4 vertical support bars for corner bars.
E. Bars marked continuous and all vertical steel shall be lapped 48 bar diameters (2'-0" minimum) at splices and embedments, unless shown otherwise. Splice top bars near midspan and splice bottom bars over supports, unless noted otherwise.
F. At all holes in concrete walls and slabs, add 2 - #5 bars (opening dimension plus 96 diameters long) at each of four sides and add 2 - #5 x 5'-0" diagonally at each of four corners of hole. Openings in 8" thick walls are reinforced similar, but with 1 - # 5 instead of 2 - #5, respectively.
G. Unless otherwise covered on architectural plans or specifications, vertical control joints in concrete wall shall be spaced at a maximum of 20'-0" on center and coordinated with the architect. Every other horizontal wall reinforcing bar shall be discontinuous at control joints except heavy top and bottom bars unless noted otherwise. Provide base seal waterstop style number 772 (by Greenstreak Inc. or approved equal) on dirt face side of wall at all walls below grade.
H. Accessories shall be as specified in latest edition of the ACI Detailing Handbook and the concrete Reinforcing Steel Institute Design Handbook. Maximum accessory spacing shall be 4'-0" on center, and all accessories on exposed surfaces are to have plastic coated feet.
I. All slabs and stairs not shown otherwise shall be 6" thick with #4 bars at 12" on center each way. All exterior porches and stoops not otherwise detailed may be constructed in any standard manner, solid or hollow, but must be reinforced with #4 bars at 12" on center each way minimum. Porches shall be doweled to adjacent walls or grade beams with #4 bars at 12" on center, hooked or embedded 48 diameters into both members. Slope porches 1/8" per foot for drainage unless noted otherwise.
J. Allow _____ ton of reinforcing bars #4 or larger to be used as directed in the field for special conditions by the engineer of record (labor for placing same to be included).

5. Structural Steel

A. All structural steel beams and columns shall be ASTM A992, grade 50 steel and all miscellaneous steel shall be ASTM A36 grade steel (except at moment connections where plates shall be ASTM A572, grade 50). Hollow Structural Sections (HSS) shall be ASTM A500, grade C. Fabrication and erection shall be in accordance with AISC 303-05 "Code of Standard Practice for Steel Buildings and Bridges" in the 13th Edition of the AISC Steel Construction Manual.
B. All welding shall conform to the recommendations of the AWS.
C. All exterior steel and connections, and brick relief angles shall be hot-dip galvanized.
D. All bolts not otherwise specified shall be 3/4" diameter high strength (ASTM A325-N). All bolts shall be fully pretensioned. All beam connections shall be designed per the AISC Manual of Steel Construction "Framed Beam Connections" for the indicated reactions or at least 0.4 x beam total shear capacity, Vn/Omega, shown in the maximum total uniform load tables, whichever is greater; and, shall account for eccentricity when the bolt line is more than 2" from the center of the support. All connections must be two bolt minimum. Additional connection elements may not be specifically shown in the conceptual details in this set but may be required by the final connection design, such as stiffener plates, doubler plates, supplement/reinforcing plates or other connection material. Connection design and shop drawing preparation shall be completed under the direct supervision of a professional engineer licensed in the state the project is located and shop drawings and connection calculations shall bear his/her seal.
E. All anchor bolts shall be 3/4" diameter, ASTM F1554, Grade 36 unless noted otherwise. Washers of minimum size and thickness for the given anchor diameter in Table 14-2 of the AISC Steel Construction Manual shall be provided at every column anchor bolt. Washers shall have a standard size hole for the anchor bolt. At braced frames washers shall be welded all around to the column base plate with 3/16" fillet weld.
F. Design and installation of steel decking shall comply with the recommendations of the Steel Deck Institute (SDI). All decking shall be galvanized unless noted otherwise.
G. Allow 2.0 tons structural steel to be used as directed in field for special conditions by the engineer of record. Cost for shop drawings, fabrication, delivery, detailing, and erection to be included. 50% of structural steel allowance shall be bid as miscellaneous galvanized angle and plate.

6. Post Installed Anchors

A. Post-installed anchors shall be used only where specified on the drawings unless approved in writing by the engineer of record. See drawings for anchor diameter, spacing and embedment. Performance values of the anchors shall be obtained for specified products using appropriate design procedures and/or standards as required by the governing building code. Anchors installed in concrete shall have an ICC-ES Evaluation Service Report. Special inspection is required for all post installed anchors. The contractor shall coordinate an on-site meeting with the post installed anchor manufacturer field representative to educate the construction team on the anchor installation guidelines and requirements.
B. Mechanical anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. All anchors shall be installed per the anchor manufacturer's written instructions.
C. Adhesive anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ICC-ES AC308. All anchors shall be installed per the anchor manufacturer's written instructions.
D. Mechanical anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC01. All anchors shall be installed per the anchor manufacturer's written instructions.
E. Adhesive anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC58. All anchors shall be installed per the anchor manufacturer's written instructions.
F. Anchors used in hollow concrete masonry shall have been tested and qualified in accordance with ICC-ES AC106 or ICC-ES AC58 as appropriate. All anchors shall be installed per the anchor manufacturer's written instructions with appropriate screen tubes used for adhesives.

7. Foundations

A. The soil investigation was prepared by _____, the report number is _____ and the telephone number is _____.
B. Structural foundations consist of a network of straight shaft drilled piers (caissons established on _____ capable of safely supporting _____ end bearing. Each pier hole shall be probed to a depth of _____ below pier bottom and observed by the project soils engineer for suitable bearing material.
C. Spread footings, grade beams, and retaining walls are designed to bear on engineered fill or undisturbed soil capable of safely sustaining _____ psf.
D. Retaining walls are designed for an active lateral load of _____ pcf equivalent fluid pressure.
E. Basement walls are designed for an at rest lateral load of _____ pcf equivalent fluid pressure. See General Note ___ for wall bracing requirements.
F. Contractor shall provide for dewatering at excavations from either surface water or seepage.
G. All foundation excavations shall be inspected by a qualified soil engineer, approved by the architect and/or structural engineer, prior to placement of steel or concrete. This inspection shall be at the owner's expense.
H. All concrete in the structural portion retaining the backfill shall have attained its design strength prior to being backfilled.
I. Moisture content in soils beneath building locations should not be allowed to change after footing excavations and after grading for slabs on grade are completed. If subgrade materials become desiccated or softened by water or other conditions, recompact materials to the density and water content specified for engineered fill. Do not place concrete on frozen ground.

8. Concrete Masonry Units

A. Concrete block used in exterior walls or load bearing walls shall meet the requirements of ASTM C90 and have a minimum net compressive strength of 2650 psi and laid up using type N mortar such that f'm equals 2000 psi. Mortar shall be volume proportion based cement lime mortar. Proportioning shall be completed by box measure. Any block in contact with earth shall be normal weight units, laid using type "S" mortar and grouted solid.
B. The contractor shall provide adequate temporary bracing for all masonry walls during construction.
C. All concrete block shall have 9 gage (or larger) horizontal joint reinforcing (ladder or truss) per architectural drawings and specifications (16" maximum vertical spacing).
D. Cavity wall construction shall be reinforced as designed for specific concrete block used. The horizontal joint reinforcing shall be of the ladder or truss style per specification and continuous between brick and block, as prescribed by the architectural drawings.
E. Concrete block shall be reinforced as follows in 6", 8", 10", and 12" walls:
   1. Vertical reinforcing shall be a minimum of 1 - #4 bar in 6" and 8" walls and 2 - #4 bars in 10" and 12" walls at 4'-0" on center, at each corner, at each door and window jamb, each side of control joints and in the end void of each length of wall. Lap splices for masonry vertical reinforcing shall be 48 bar diameters, 24" minimum.
   2. Horizontal reinforcing:
      A. Horizontal joint reinforcing as noted above.
      B. Continuous horizontal bars shall be included per section or detail in bond beam or optional running bond beam where noted. Where bond beams are continuous at corners of walls, supply corner bars matching size of horizontal bars (minimum 2'-0" or 40 bar diameters in each direction).
F. Grout, where noted above, shall have a minimum design ultimate compressive strength of 2500 psi at 28 day test and 3/8" maximum aggregate size.
G. Non-load bearing concrete block walls shall be isolated from adjacent structural elements with vertical 3/8" control joints and at the top of the wall with 1" air space or compressible material and support per architectural detail.
H. Unless otherwise covered on architectural plans or specifications, vertical control joints in masonry construction shall be 3/8" wide, full height of wall. Joints shall be spaced at a maximum of 24'-0" on center and coordinated with the architect. All horizontal joint reinforcing shall be discontinuous at control joints in masonry. All bond beam horizontal reinforcing shall be continuous through control joints.
I. Lintels over all openings up to 8'-0" wide in new and existing masonry walls not otherwise covered shall be one 6x3 1/2x5/16 angle for each 4" width of masonry. All exterior lintels to be galvanized.
J. Walls shall be anchored top and bottom by dowels matching wall vertical reinforcing(unless noted otherwise) from floor slab bottom and bracing angles at the top, per details on the drawings.

9. Light Gage Metal Structural Framing

A. All load bearing, light gage structural studs, track, and bridging shall be of the type, size, gage, and spacing as shown on the plans, minimum.
B. All materials shall be 33,000 psi minimum yield, except studs of 16 gage or heavier shall have a minimum yield of 50,000 psi.
C. All properties, fabrication, and erection shall be in accordance with latest editions of the AISI "Specifications for the Design of Cold-Formed Structural Members."
D. All framing components shall be cut squarely or at an angle to fit squarely against abutting members. Splicing of axially loaded members is not permitted. Members shall be held firmly in place until properly fastened. Attachments of similar components shall be by welding, screw attachment, or bolting. Wire tying of components is not permitted.
E. Tracks shall be securely anchored to floor and overhead members. Special anchorage requirements required for wind bracing shall be as shown on the plans.
F. Prior to fabrication and/or erection, the contractor shall submit shop drawings complete with detail of erection, fabrication, attachments, anchorages, lintels, etc., for review by the architect/engineer.

10. Deferred Submittal and Shop Drawing

A. Bob D. Campbell and Company, Inc. will review the General Contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by Bob D. Campbell and Company, Inc.
B. Deferred submittals shall be submitted to the architect of record for review who shall forward to the building official for review and approval. Design calculations for deferred sub mittals shall be submitted at the same time as the shop drawings for review. Design calculations shall be prepared and sealed by a Professional Engineer licensed in the state of the project. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the building official.
C. Prior to submittal of a shop drawing or any related material to Bob D. Campbell and Company, Inc., the GC shall:
   1. Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
   2. Review and approve each submission.
   3. Stamp each submission as approved.
D. Bob D. Campbell and Company, Inc. shall assume that no submission comprises a variation unless the GC advises Bob D. Campbell and Company, Inc. with written documentation.
E. Bob D. Campbell and Company, Inc. shall review shop drawings and related materials with comments provided that each submission has met the above requirements. Bob D. Campbell and Company, Inc. shall return without comment unrequired material or submissions without GC approval stamp.
F. Shop drawings and related material (if any) required are indicated below. Should Bob D. Campbell and Company, Inc. require more than ten (10) working days to perform the review, Bob D. Campbell and Company, Inc. shall so notify the GC.
   1. Concrete mix designs and material certificates including admixtures and compounds applied to the concrete after placement.
   2. Reinforcing steel shop drawings including erection drawings and bending details.Bar list will not be reviewed for correct quantities.
   3. Rammed Aggregate Pier design calculations and shop drawings
   4. Elevations of all reinforced concrete masonry walls at a scale no smaller than 3/8" = 1'-0" showing all required reinforcing.
   5. Grout mix designs (for CMU).
   6. Construction and control joint plans and/or elevations.
   7. Structural steel shop drawings including erection drawings and piece details. Include joist, decking and connector submittals. Include miscellaneous framing specified on the structural drawings, but do not submit framing specified on non-structural drawings for Bob D. Campbell and Company, Inc. review.
   8. Deferred Submittal: Structural steel connections (including braced frames)
   9. Deferred Submittal: Structural steel joists
   10. Deferred Submittal: Railings and guardrails
   11. Deferred Submittal: Metal stair framing
   12. Deferred Submittal: Exterior cold-formed metal framing
   13. Deferred Submittal: Exterior curtain wall
   14. Deferred Submittal: Canopy translucent panel roof system
   15. Deferred Submittal: Structural steel connection design calculations submitted concurrently with structural steel shop drawings.
   16. Miscellaneous anchors shown on the structural drawings.
   17. Deferred Submittal: Wood truss design calculations and detailed erection and fabrication drawings. Standard stick framing shop drawings need not be submitted.
   18. Standard details and bridging information for light gage metal framing. Erection plans and details for light gage metal joists and lintels spanning more than 6'-0" shall be submitted. Standard wall framing need not be submitted.
   19. Deferred Submittal: Light gage truss design calculations and detailed erection and fabrication drawings.
   20. Deferred Submittal: Driven or augured pile foundation plans and details.
   21. Deferred Submittal: Precast concrete shop drawings including erection drawings and connection details.
   22. Deferred Submittal: Precast concrete design calculations.
   23. Deferred Submittal: Cold-Formed metal framing for exterior walls.
   24. Deferred Submittal: Railings and guardrails.
   25. Deferred Submittal: Metal stair framing.

11. Statement of Structural Special Inspections

A. The structural design for this project is based on completion of special inspections during construction in accordance with section 1704 of the International Building Code. The owner shall employ one or more qualified special inspectors to provide the required special inspections.
B. The special inspector shall furnish inspection reports to the building official, owner, architect and structural engineer, and any other designated person.
C. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, to the proper design authority, building official and structural engineer.
D. The special inspector shall submit a final signed report stating that the work requiring special inspection was, to the best of the inspector's knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions of the building code.
E. The following inspections and tests are required with the frequency (continuous or periodic) as defined within the referenced section or standard listed below. The General Contractor shall provide notification to the inspector when items requiring inspection are ready to be inspected and provide access for those inspections.
   1. Shop Fabrication – structural steel and steel bar joist per Section 1704.2.5 unless AISC certified shop
   2. Shop Fabrication – pre-engineered wood trusses per Section 1704.2.5 unless TPI certified shop
   3. Shop Fabrication – precast concrete per Section 1704.2.5 unless PC certified shop
   4. Steel Construction per Section 1705.2 and the quality assurance requirements of AISC 341 Chapter J (as referenced by AISC 360)
   5. Cold-Formed Steel Deck per Section 1705.2.2 and the quality assurance requirements of SDI QA/QC.
   6. Cold-formed steel trusses spanning 60 feet or greater per Section 1705.2.2.2
   7. Concrete Construction per Section 1705.3 and Table 1705.3
      a. Reinforcing Steel Placement
      b. Reinforcing Steel Welding
      c. Cast in Place Anchors
      d. Post Installed Anchors
      e. Design Mix Verification
      f. Concrete Sampling and Testing
      g. Concrete Placement
      h. Concrete Curing
      i. Prestressed Concrete Stressing and Grouting
      j. Erection of Precast
      k. Verification of In-situ Concrete Strength Prior to Stressing Post-Tensioned Concrete
      l. Formwork Shape, Location and Dimensions
   8. Masonry Construction per Section 1705.4 and the quality assurance requirements of TMS 402/ACI530/ASCE5 and TMS602/A530.1/ASCE6 [Level A] [Level B] [Level C]
   9. Wood Construction- High Load Diaphragms per Section 1705.5.1
   10. Wood Construction- Metal-Plate-Connected wood trusses spanning 60 feet or greater per Section 1705.5.2
   11. Verification of Soils per Table 1705.6
   12. Inspections and Tests of Driven Deep Foundation per Table 1705.7
   13. Inspections and Tests of Cast-In-Place Deep Foundation per Table 1705.8
   14. Special Inspection for Wind Resistance – structural wood per Section 1705.10.1
   15. Special Inspection for Wind Resistance – cold-formed steel light-frame construction per Section 1705.10.2
   16. Special Inspection for Wind Resistance – wind-resisting components per Section 1705.10.3
   17. Special Inspection for Seismic Resistance – structural steel per Section 1705.11.1
   18. Special Inspection for Seismic Resistance – structural wood per Section 1705.11.2
   19. Special Inspection for Seismic Resistance – cold-formed steel light-frame construction per Section 1705.11.3
   20. Special Inspection for Seismic Resistance – [Designated seismic system] per Section 1705.11.4
   21. Wood Lateral System (periodic)
      a. Wood sheanwalls (include sheathing, rim board and bottom plate attachments)
      b. Portal frames
      c. Shear wall and portal frame holdowns
      d. Shear wall tension rod system
   22. Wood Gravity Framing and Placement (adjust frequency of random sampling where indicated as required)
      a. Heavy timber/SCL/glulam beams and supports (periodic)
      b. Headers and jambs (random sampling)
      c. Bearing walls (random sampling)
      d. Connector/hardware installation (random sampling)
      e. Floor and roof trusses (random sampling)

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STRUCTURAL ABBREVIATIONS

@	AT	LTWT	LIGHTWEIGHT
&	AND	M	MOMENT FORCE
Ø	ROUND, DIAMETER	MAX	MAXIMUM
ADTL	ADDITIONAL	MECH	MECHANICAL
AFF	ABOVE FINISHED FLOOR	MFGR	MANUFACTURER
ALT	ALTERNATE	MIN	MINIMUM
ARCH	ARCHITECTURAL	MISC	MISCELLANEOUS
BLDG	BUILDING	MSRY	MASONRY
B/	BOTTOM OF	MTL	METAL
BM	BEAM	NF	NEAR FACE
BOTT	BOTTOM	NS	NEAR SIDE
BRG	BEARING	NTS	NOT TO SCALE
C	CAMBER	NW	NORMAL WEIGHT
CD-#	CONCRETE DECK TYPE	OC	ON CENTER
CJ	CONSTRUCTION/CONTROL JOINT	OF	OUTSIDE FACE
CJP	COMPLETE JOINT PENETRATION	OPNG	OPENING
CL	CENTERLINE	OPP	OPPOSITE
CMU	CONCRETE MASONRY UNIT	OVS	OVERSIZED HOLE
COL	COLUMN	P	AXIAL FORCE
CONC	CONCRETE	PAF	POWDER ACTUATED FASTENER
CONN	CONNECTION	PC	PRECAST
CONT	CONTINUOUS	PCF	POUNDS PER CUBIC FOOT
COORD	COORDINATE	PEMB	PRE-ENGINEERED METAL BUILDING
COV, CVR	COVER	PERP	PERPENDICULAR
DBL	DOUBLE	PL	PLATE
DET	DETAIL	PLF	POUNDS PER LINEAR FOOT
DIA	DIAMETER	PJP	PARTIAL JOINT PENETRATION
DIM	DIMENSION	PSF	POUNDS PER SQUARE FOOT
DL	DEAD LOAD	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING	QTY	QUANTITY
EA	EACH	RAD	RADIUS
EF	EACH FACE	RD-#	ROOF DECK TYPE
EJ	EXPANSION JOINT	REF	REFERENCE
EL, ELEV	ELEVATION	REINF	REINFORCEMENT
EMBED	EMBEDMENT, EMBEDDED	REQD	REQUIRED
ENGR	ENGINEER	REV	REVISION
EOD	EDGE OF DECK	RLL	ROOF LIVE LOAD
EOR	ENGINEER OF RECORD	RTU	ROOF TOP UNIT
EOS	EDGE OF SLAB	SC	SLIP CRITICAL
EQ	EQUAL	SCHED	SCHEDULE(D)
EQUIP	EQUIPMENT	SECT	SECTION
EW	EACH WAY	SHT	SHEET
EXP	EXPANSION	SIM	SIMILAR
EXT	EXTERIOR	SJ	SAW JOINT
EXTG, EXIST	EXISTING	SL	SNOW LOAD
FD-#	FLOOR DECK TYPE	SOG	SLAB-ON-GRADE
FDN	FOUNDATION	SOG-#	SLAB-ON-GRADE TYPE
FF	FAR FACE	SPCG	SPACING
FIN	FINISH	SPEC	SPECIFICATION
FLR	FLOOR	SPRT	SUPPORT
FS	FAR SIDE	SQ	SQUARE
FTG	FOOTING	SS	STAINLESS STEEL
FV	FIELD VERIFY	SSLT	SHORT-SLOTTED HOLE TRANSVERSE
GA	GAGE	STD	STANDARD
GALV	GALVANIZE(D)	STIFF	STIFFENER
GEN	GENERAL	STIR	STIRRUP
GR	GRADE	STL	STEEL
HORIZ	HORIZONTAL	STRUCT	STRUCTURE, STRUCTURAL
HSS	HOLLOW STRUCTURAL SECTION	T/	TOP OF
IF	INSIDE FACE	THRU	THROUGH
INFO	INFORMATION	TOS	TOP OF STEEL, TOP OF SLAB
INT	INTERIOR	TRANS	TRANSVERSE
JST	JOIST	TYP	TYPICAL
JT	JOINT	UNO	UNLESS NOTED OTHERWISE
K	KIPS (1000 LBS)	V	SHEAR FORCE
KSF	KIPS PER SQUARE FOOT	VERT	VERTICAL
KSI	KIPS PER SQUARE INCH	W/	WITH
LBS, #	POUNDS	W/0	WITHOUT
Ld	DEVELOPMENT LENGTH	WF	WIDE FLANGE
LL	LIVE LOAD	WL	WIND LOAD
LLH	LONG LEG HORIZONTAL	WP	WORK POINT
LLV	LONG LEG VERTICAL	WWF	WELDED WIRE FABRIC
LONG	LONGITUDINAL		
LSLT	LONG-SLOTTED HOLE TRANSVERSE		

LEGEND:

	.....	SPAN DIRECTION OF DECK
CD-1	.....	7 5/8" CONCRETE SLAB REINFORCED W/ #4 @ 12"o.c. EACH WAY W/ 1" CLEAR COVER TOP ON 3", 18ga GALVANIZED COMPOSITE DECK (3 SPAN CONTINUOUS)
(#)	.....	QUANTITY OF 3/4"Ø x 6" HEADED STUDS WELDED TO TOP OF BEAM
c=	.....	AMOUNT OF UPWARD INDUCED CAMBER AT BEAM MID-SPAN
LEVEL BEAM DESIGNATION	W14x22	STEEL BEAM SIZE
	T 117'-6"	TOP OF BEAM ELEVATION

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GENERAL NOTES

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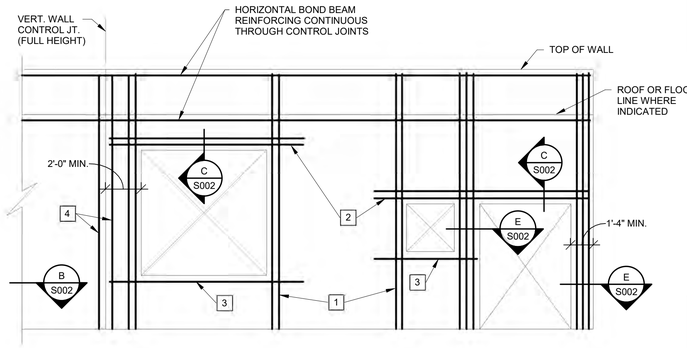


TYPICAL CMU WALL REINFORCING AT OPENINGS

LEGEND:

1. FULL HEIGHT VERTICAL BARS AS JAMB REINFORCING IN FIRST 2 CELLS ADJACENT TO OPENING. REINFORCE EACH CELL WITH SIZE & QUANTITY OF BAR TO MATCH WALL REINFORCING (1 BAR TYPICAL IN 8" WALLS AND 2 BARS TYPICAL IN 12" WALLS).
2. LINTEL REINFORCING PER SECTION C. EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
3. 2-#5 CONTINUOUS HORIZONTAL BARS AS SILL REINFORCING IN 8" COURSE BELOW OPENING (U.N.O.). EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
4. FULL HEIGHT VERTICAL BARS PER MASONRY VERTICAL REINFORCING SCHEDULE LOCATED IN END CELL AT EACH SIDE OF VERTICAL WALL CONTROL JOINTS.

GENERAL CRITERIA: (SECTION A CONTINUED):

1. VERTICAL REINFORCING BARS SHALL BE DOWELED TO FOUNDATION WITH A DOWEL OF MATCHING SIZE AND SPACING.
2. CONTRACTOR SHALL COORDINATE AND VERIFY OPENINGS IN MASONRY WALLS. OPENINGS SHALL BE DETAILED ON REINFORCING STEEL SHOP DRAWING ELEVATIONS.
3. VERTICAL CONTROL JOINTS IN MASONRY WALLS SHALL BE 3/8" WIDE, FULL HEIGHT OF WALL. JOINTS SHALL BE SPACED AT A MAXIMUM OF 24'-0" ON CENTER AND NOT LESS THAN 2'-0" FROM THE EDGE OF ANY OPENING. ALL HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL JOINTS. ALL BOND BEAM HORIZONTAL REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS. CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONTROL JOINT LOCATIONS.

MASONRY VERTICAL REINFORCING SCHEDULE
FOR LOAD BEARING MASONRY (CMU) WALLS

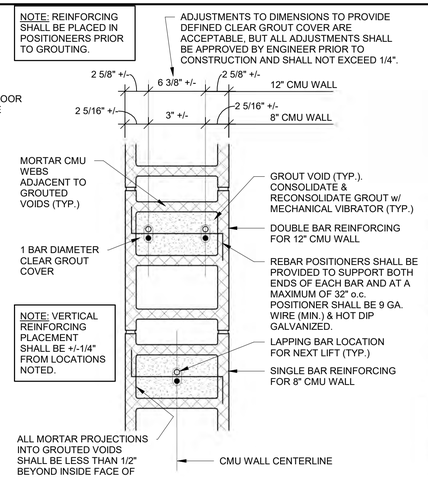
WALL THICKNESS	LOCATION	VERTICAL REINF. (IN GROUTED CELLS)	SPACING
8"	ALL 8" WALLS (U.N.O.)	1- #5	32"oc
12"	ALL 12" WALLS (U.N.O.)	2- #5	16"oc

NOTES:
1. IN ADDITION TO SPACING SHOWN IN SCHEDULE, VERTICAL REINFORCING SHALL BE PROVIDED IN GROUTED CELLS AT THE FOLLOWING LOCATIONS
   - A.) IN THE FIRST 2 CELLS ADJACENT TO EACH OPENING
   - B.) IN THE END CELLS ON EACH SIDE OF VERTICAL CONTROL JOINTS
   - C.) IN THE END CELLS OF EACH LENGTH OF WALL
   - D.) AT EACH CORNER OF WALLS
2. ALL MASONRY VOIDS AND BOND BEAMS TO BE GROUTED SHALL BE FREE OF DEBRIS AND MORTAR DROPPINGS PRIOR TO GROUTING. ANY MASONRY w/ DROPPINGS OR DEBRIS OBSERVED IN VOIDS SHALL BE REJECTED.

A CMU WALL ELEVATION
1 1/2" = 1'-0"

NOTE: REINFORCING SHALL BE PLACED IN POSITIONEERS PRIOR TO GROUTING.

NOTE: VERTICAL REINFORCING PLACEMENT SHALL BE +/-1/4" FROM LOCATIONS NOTED.



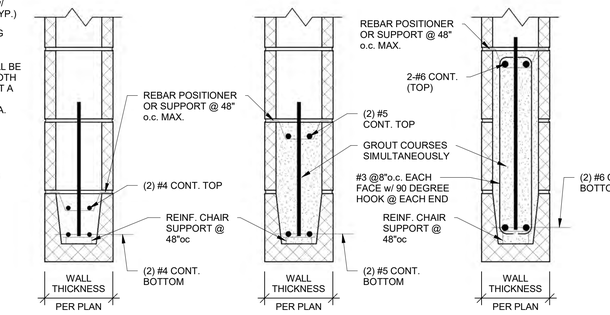
NOTE: ALL MASONRY VOIDS AND BOND BEAMS TO BE GROUTED SHALL BE FREE OF DEBRIS AND MORTAR DROPPINGS PRIOR TO GROUTING. ANY MASONRY w/ DROPPINGS OR DEBRIS OBSERVED IN VOIDS SHALL BE REJECTED.

TYPICAL REBAR POSITIONING DETAIL

B SECTION
1 1/2" = 1'-0"

TYPICAL MASONRY REINFORCING NOTE:

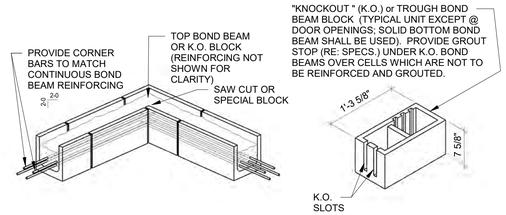
ALL INTERIOR & EXTERIOR MASONRY WALLS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS ARE TO BE REINFORCED HORIZONTALLY WITH BOND BEAMS (2 - #5 BOTTOM) AT BOTTOM COURSE, TOP COURSE, JOIST BEARING ELEVATION AND AT 8'-0" MAXIMUM O.C. AND VERTICALLY AS INDICATED ON DRAWINGS. THESE WALLS ARE TO BE ANCHORED TOP AND BOTTOM TO THE FOUNDATION, FLOOR, OR ROOF PER TYPICAL DETAILS. THE VERTICAL REINFORCING IS CONTINUOUS (IN 6'-6" MAXIMUM LENGTHS, LAPPED 2'-6" MINIMUM). FILL BLOCK CELLS AND BOND BEAMS WITH 2,500psi GROUT. RE: DETAILS "A" THROUGH "E" ON THIS SHEET.



OPENINGS UP TO 4'-0" | OPENINGS 4'-0" TO 7'-4" | OPENINGS 7'-4" TO 12'-0"

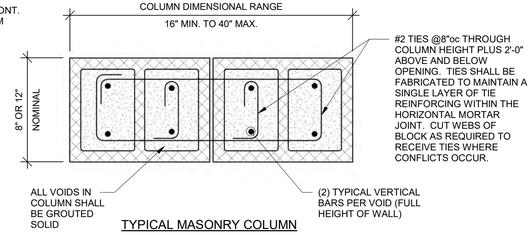
TYPICAL LINTELS AT ALL CMU WALLS (U.N.O.)

C SECTION
1 1/2" = 1'-0"



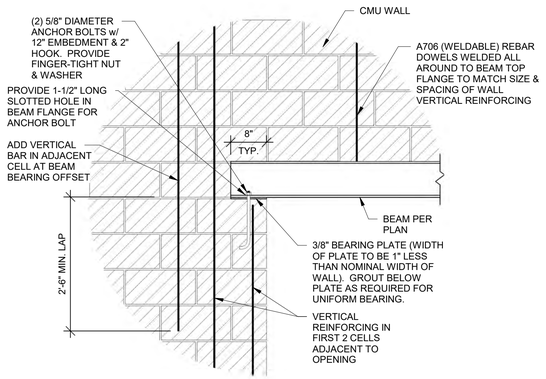
TYPICAL BOND BEAM DETAIL AT CORNER OF CMU WALL

D DETAIL
3/4" = 1'-0"



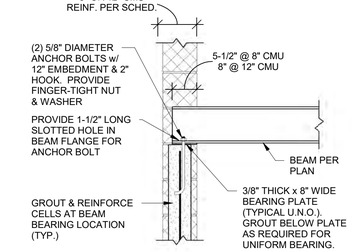
TYPICAL MASONRY COLUMN

E SECTION
1 1/2" = 1'-0"



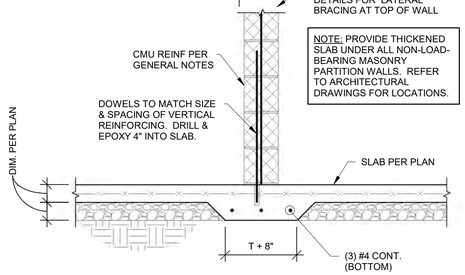
TYPICAL STEEL LINTEL DETAIL AT CMU WALL

1 SECTION
3/4" = 1'-0"



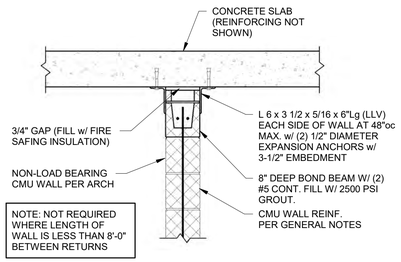
TYPICAL WIDE FLANGE BEAM BEARING ON CMU (U.N.O.)

2 SECTION
3/4" = 1'-0"



TYPICAL THICKENED SLAB
(UNDER NON-LOAD-BEARING MASONRY)

3 SECTION
3/4" = 1'-0"



TYPICAL TOP OF CMU WALL BRACING BELOW CONCRETE SLAB

4 SECTION
3/4" = 1'-0"

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CMU DETAILS

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

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BASEMENT PLAN

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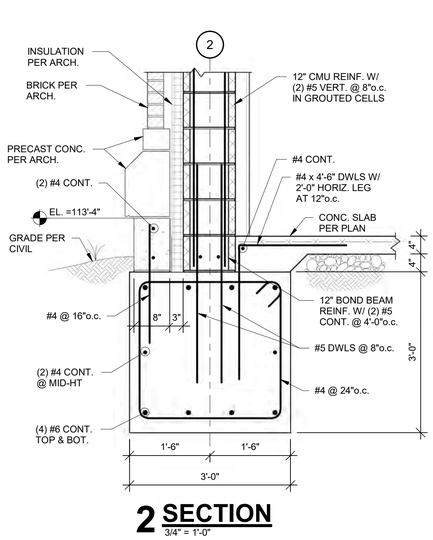

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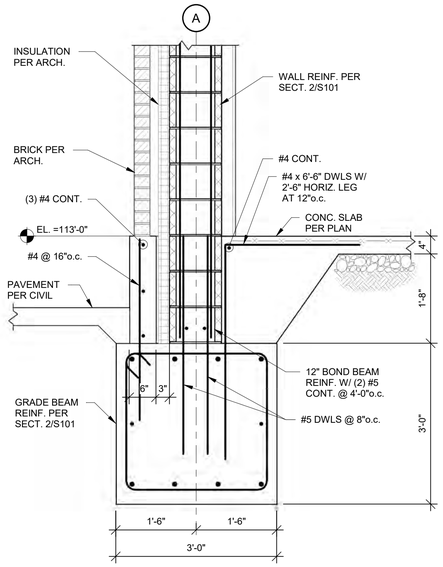

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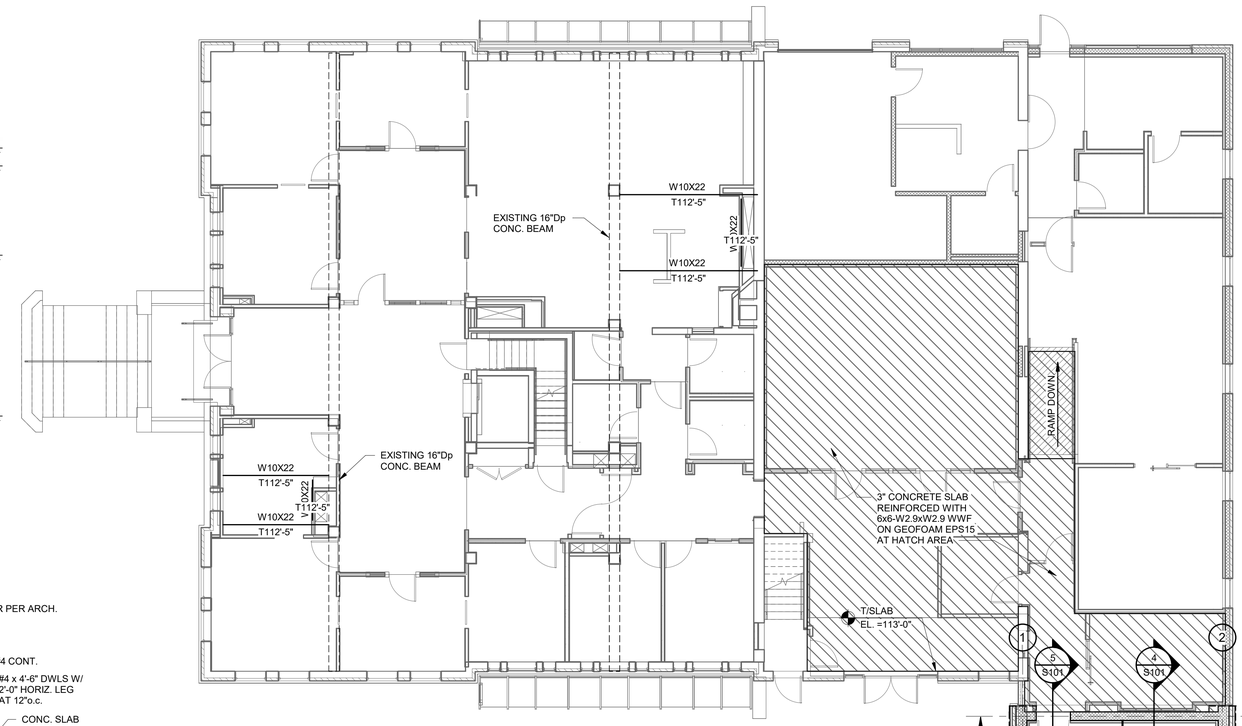
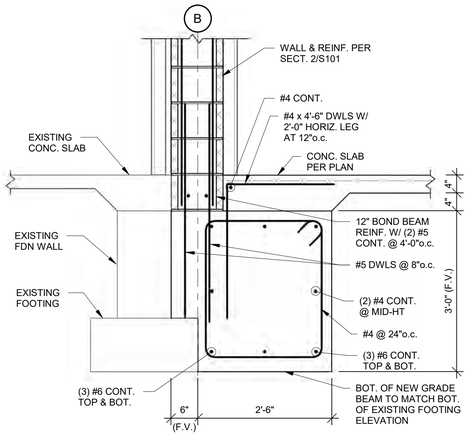


1 FIRST FLOOR/FOUNDATION PLAN
1/8" = 1'-0"



4 SECTION
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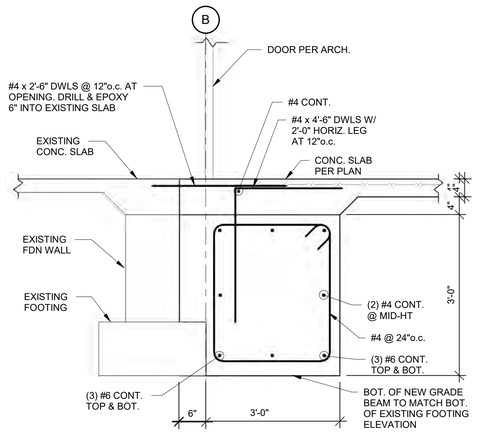
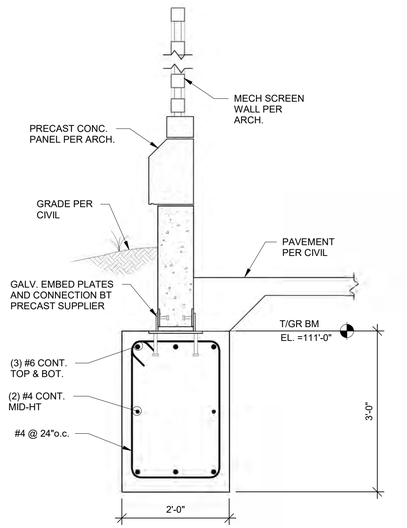


5 SECTION
3/4" = 1'-0"



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

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FIRST FLOOR/FOUNDATION PLAN

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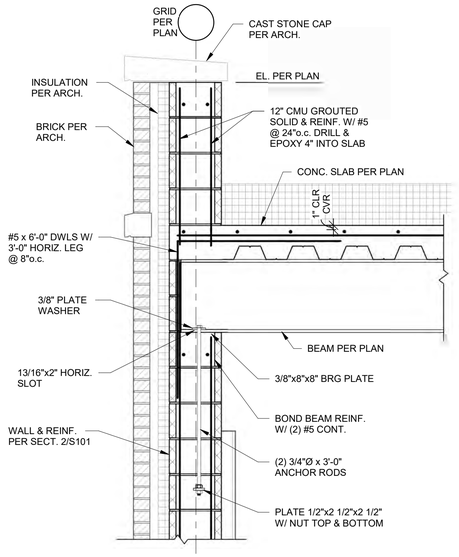
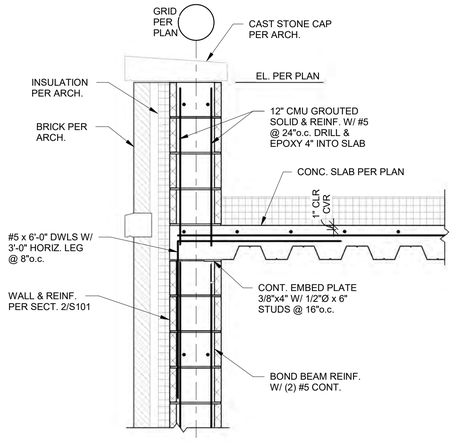
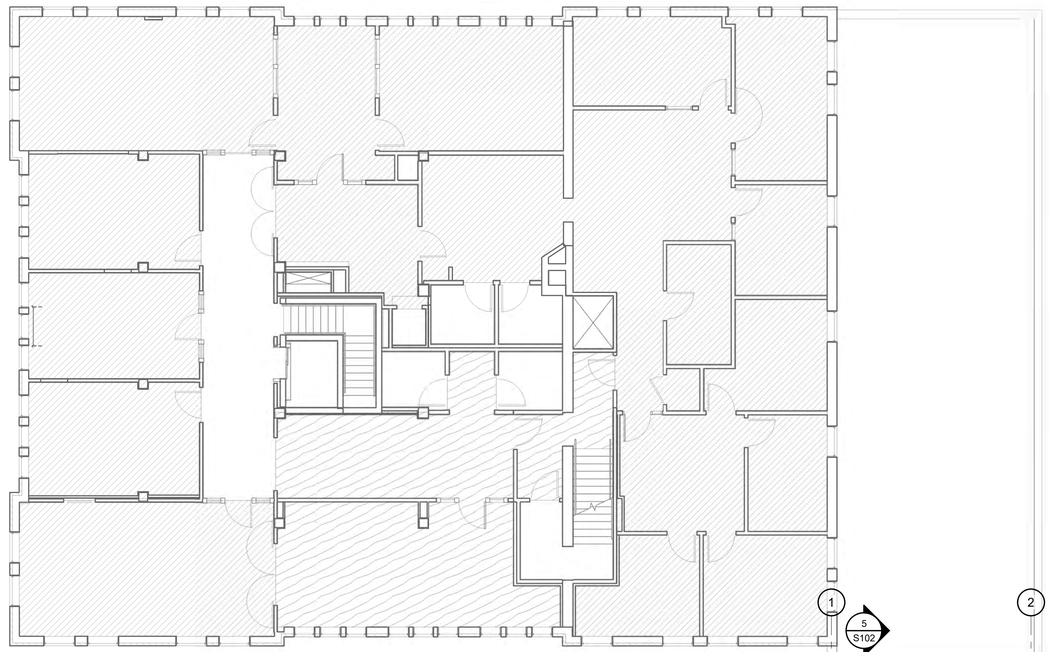


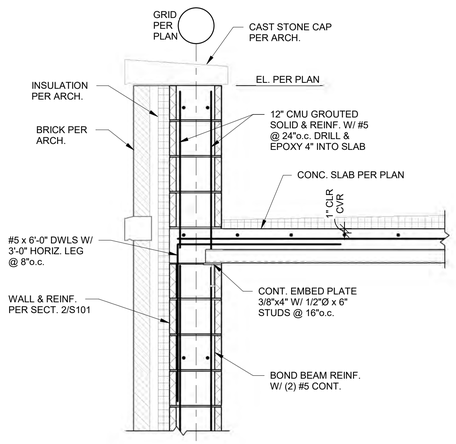
2 SECTION
3/4" = 1'-0"



3 SECTION
3/4" = 1'-0"



1 SECOND FLOOR/LOW ROOF PLAN
1/8" = 1'-0"



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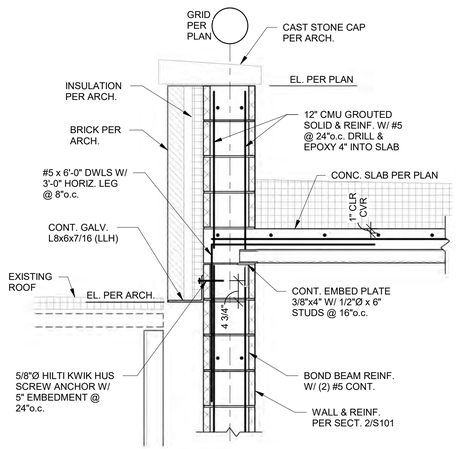

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NO	DESCRIPTION	DATE

S102

SECOND FLOOR/LOW ROOF PLAN

TreanorHL NO. HP0559.1901.00

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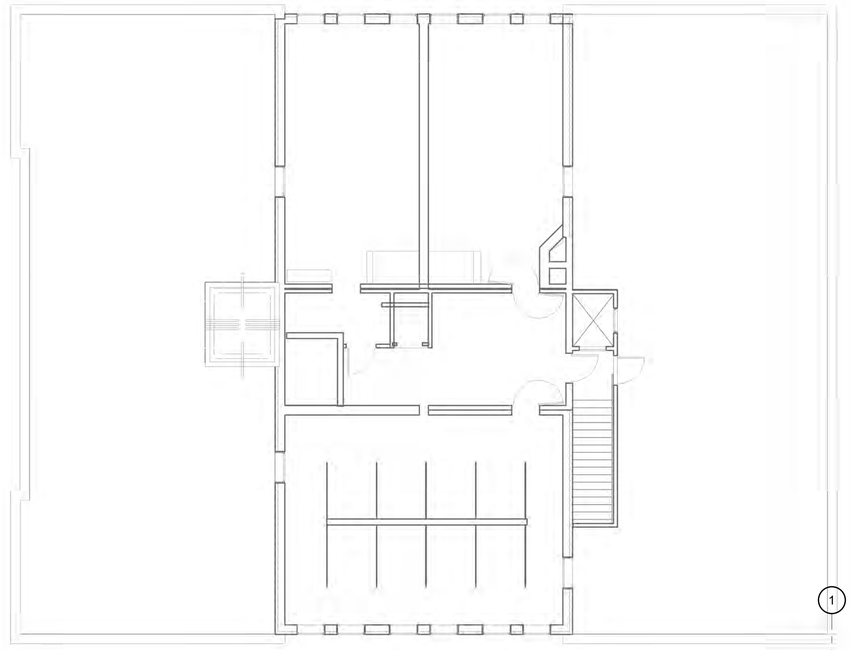

1 THIRD FLOOR PLAN
1/8" = 1'-0"

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S103

THIRD FLOOR PLAN

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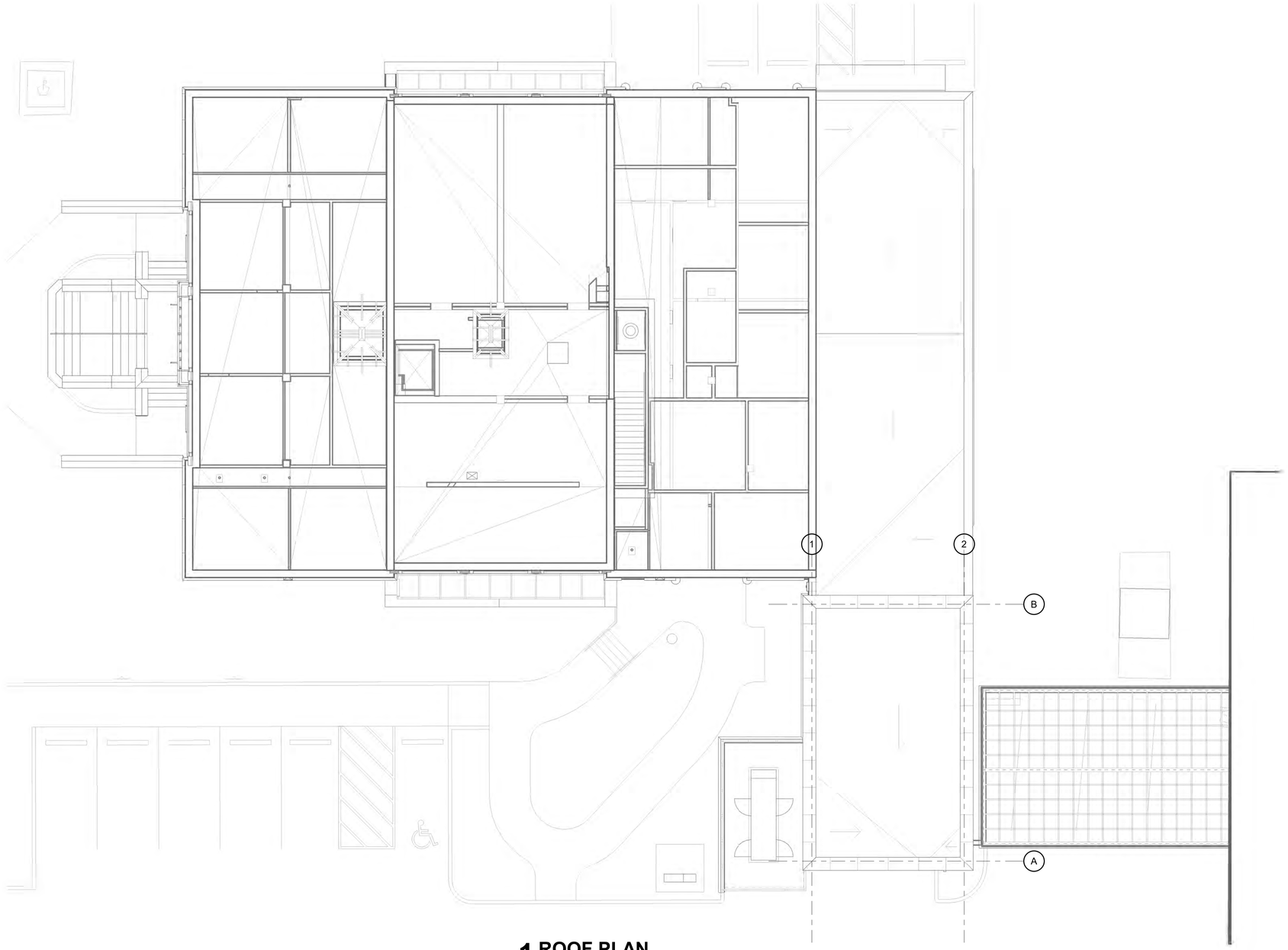

1 ROOF PLAN
1/8" = 1'-0"

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S104

ROOF PLAN

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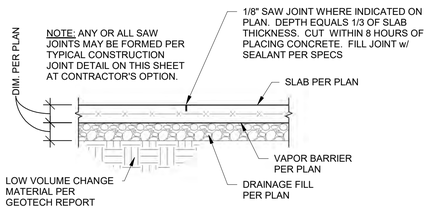
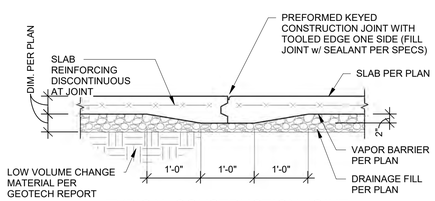


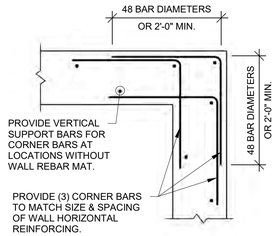
TYPICAL SAW JOINT
NOTED "SJ" ON PLAN

1 SECTION
3/4" = 1'-0"

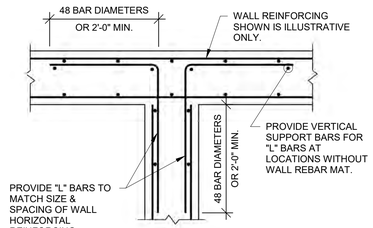


TYPICAL CONSTRUCTION JOINT
NOTED "CJ" ON PLAN

2 SECTION
3/4" = 1'-0"

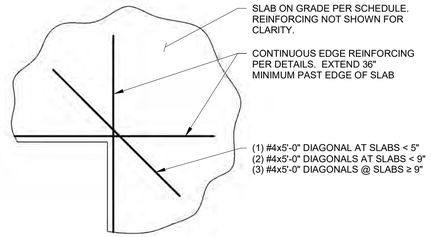


TYPICAL CORNER BARS AT
CONCRETE WALLS & FOUNDATIONS



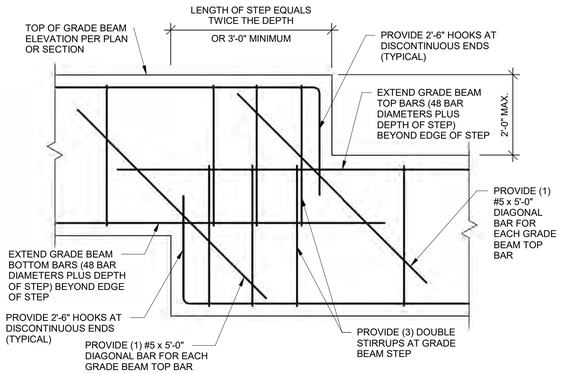
TYPICAL T-INTERSECTION REINFORCING
AT CONCRETE WALLS & FOUNDATIONS

3 TYPICAL INTERSECTING CONCRETE WALL REINFORCING
3/4" = 1'-0"

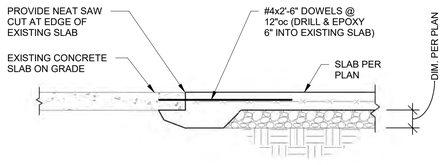


TYPICAL SLAB ON GRADE RE-ENTRANT CORNER BARS

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

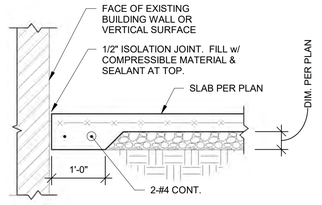


5 TYPICAL GRADE BEAM STEP
3/4" = 1'-0"



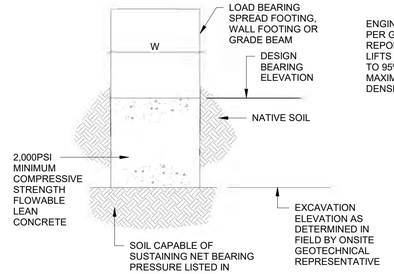
TYPICAL AT NEW-TO-EXISTING SLAB ON GRADE

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

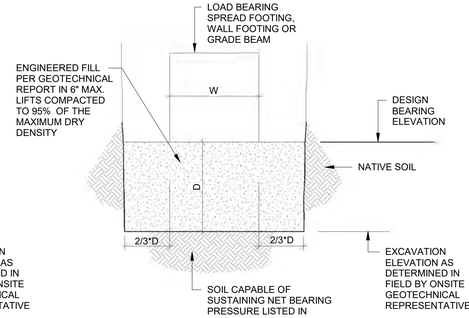


TYPICAL SLAB EDGE DETAIL AGAINST EXISTING
BUILDING WALL OR VERTICAL SURFACE

7 SECTION
3/4" = 1'-0"



LEAN CONCRETE BACKFILL



ENGINEERED FILL BACKFILL

8 OVEREXCAVATION DETAIL
3/4" = 1'-0"

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S200

FOUNDATION SECTIONS

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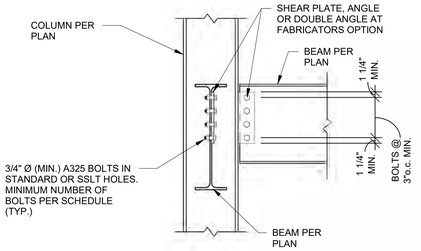
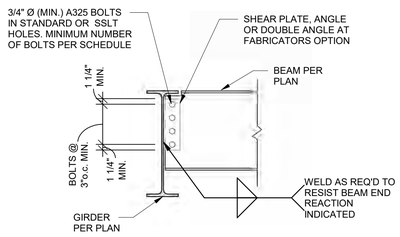


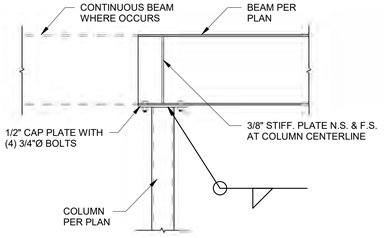
TYPICAL BEAM TO COLUMN SHEAR CONNECTION

1 DETAIL
3/4" = 1'-0"



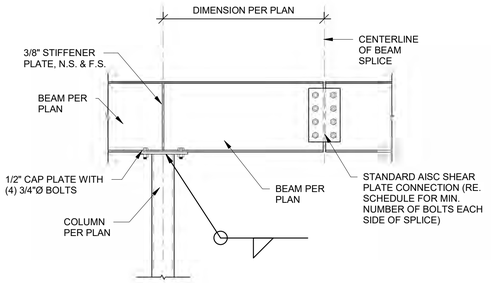
TYPICAL BEAM TO GIRDER CONNECTION

2 DETAIL
3/4" = 1'-0"



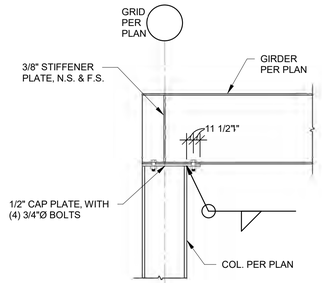
TYPICAL BEAM TO COLUMN CONNECTION

3 DETAIL
3/4" = 1'-0"

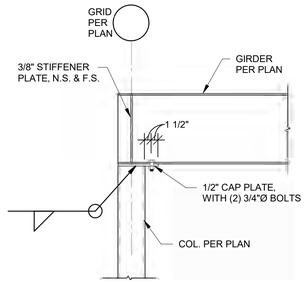


TYPICAL BEAM SPLICE

4 DETAIL
3/4" = 1'-0"



@ WIDE FLANGE COLUMN

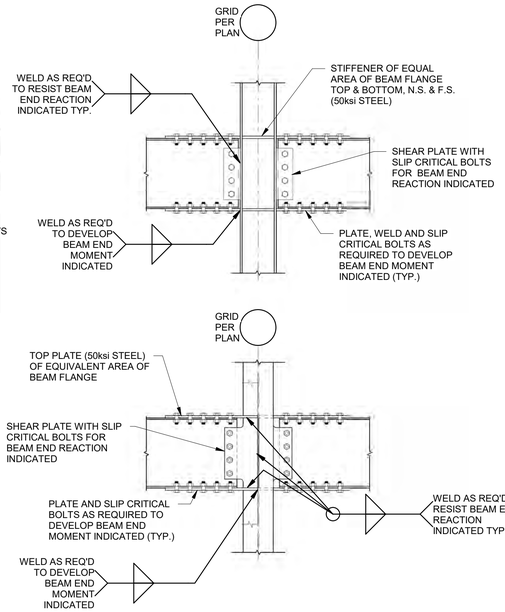


@ HSS COLUMN

TYPICAL ROOF BEAM TO COLUMN CONNECTION AT EXTERIOR WALL

5 SECTION
3/4" = 1'-0"

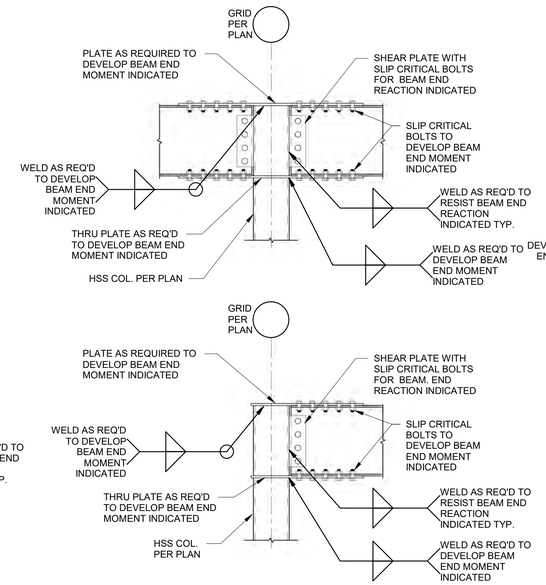
Beam Connection Design Forces	
Member Size	End Reaction (U.N.O)



TYP. BEAM TO WIDE FLANGE COL. MOMENT CONNECTIONS

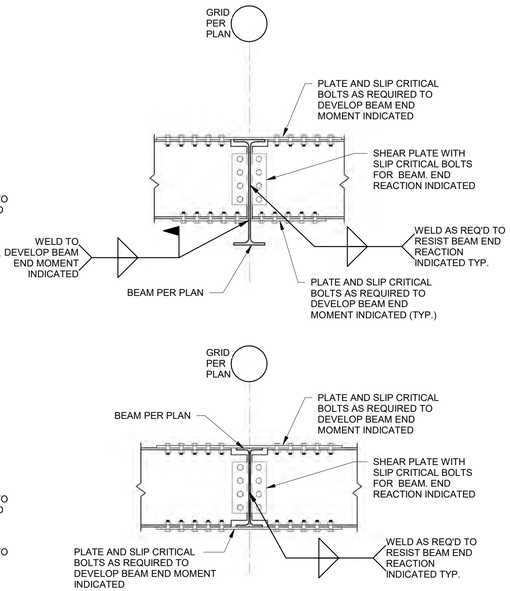
NOTE: FLANGE PLATES MAY BE FULL PENETRATION WELDED TO COLUMN AT CONTRACTORS OPTION

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



TYPICAL BEAM TO HSS COLUMN MOMENT CONNECTIONS

7 SECTION
3/4" = 1'-0"



TYP. BEAM TO BEAM MOMENT CONNECTIONS

8 SECTION
3/4" = 1'-0"

BEAM SHEAR CONNECTION SCHEDULE

BEAM SIZE	MINIMUM ROWS OF BOLTS	END REACTION (kips)(U.N.O.)
W8,C8	2	--
W10,C10	2	--
W12,C12	2	--
W14	3	--
W16, C15	3	--
W18	4	--
W21	5	--
W24	5	--
W27	6	--
W30	7	--
W33	8	--
W36	8	--

STEEL CONNECTION NOTES:

1. REFER TO GENERAL NOTES ON SHEET S001.
2. CONNECTIONS SHOWN IN THESE DETAILS ARE MINIMUM REQUIREMENTS.
3. FABRICATOR SHALL BE RESPONSIBLE FOR THE ENGINEERING, DESIGNING, AND DETAILING OF EACH CONNECTION FOR LOADS SHOWN ON THE DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND THE STRUCTURAL GENERAL NOTES.
4. SUGGESTED CONNECTION DETAILS ARE SHOWN. FINAL CONNECTION CONFIGURATION AND DESIGN SHALL BE COMPLETED BY THE CONNECTION ENGINEER. CONNECTION DESIGN SHALL INCLUDE COLUMN OR BEAM CONTINUITY PLATES, WEB STIFFENERS, AND/OR DOUBLER PLATES AS REQUIRED FOR THE FORCES INDICATED.
5. FABRICATOR MAY OPT TO USE OTHER AISC APPROVED CONNECTIONS IN LIEU OF THESE SHOWN HEREIN TO MEET END REACTION REQUIREMENTS (i.e. DOUBLE ANGLE CONNECTION).
6. CONNECTION DETAILING SHALL COMPLY WITH THE STANDARD DETAILS SHOWN IN THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
7. ALL BOLTS SHALL BE 3/4" Ø ASTM A325 MINIMUM.
8. ALL BOLTS SHALL BE SPACED AT 3"o.c. MINIMUM.
9. ALL BOLTS SHALL HAVE HEAVY HEX NUTS.
10. ALL BOLTS SHALL BE FULLY PRE-TENSIONED.
11. BOLT SPACING AND EDGE DISTANCES SHALL BE ADJUSTED PER AISC MANUAL FOR BOLTS LARGER THAN 3/4" DIAMETER.
12. CLIP ANGLES MAY BE SHOP WELDED TO BEAM WEB PER AISC.
13. FOR BEAMS WITH AXIAL LOADS PER DRAWINGS, BOLTS AND CONNECTIONS SHALL BE SLIP-CRITICAL PER AISC GUIDELINES. INCREASE NUMBER OF BOLTS AND/OR PROVIDE EXTENDED SHEAR PLATE CONNECTION W/ AN ADDITIONAL COLUMN OF BOLTS TO ACCOMODATE COMBINED FORCES.
14. PROVIDE ASTM A490 BOLTS IF REQUIRED TO MEET END REACTION LOAD REQUIREMENTS.
15. REFER TO ELEVATIONS ON SHEET S___ FOR BRACE FORCES. REFER TO PLANS FOR ADDITIONAL BEAM AXIAL FORCES. BRACE AND BEAM FORCES INDICATED ARE UNFACTORED (ASD) LOADS AND SHALL BE CONSIDERED CONCURRENT W/ BEAM SHEAR DESIGN FORCES LISTED IN THE BEAM SHEAR CONNECTION SCHEDULE.
16. COORDINATE BRACED FRAME CONNECTION W/ ARCHITECTURAL WALLS AS REQUIRED TO AVOID CONFLICT OR EXPOSURE OUTSIDE OF WALL OR FINISH.
17. ALL END REACTIONS INDICATED ARE UNFACTORED (ASD) LOADS.

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S300

STEEL CONNECTION DETAILS

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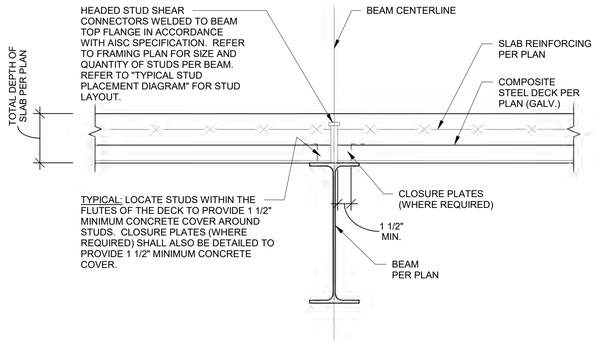
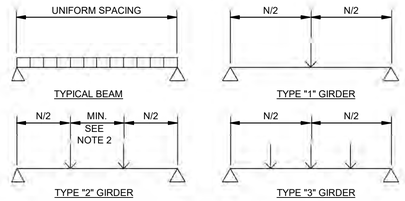


TYPICAL COMPOSITE BEAM DETAIL
(DECK SPAN PERPENDICULAR TO BEAM)

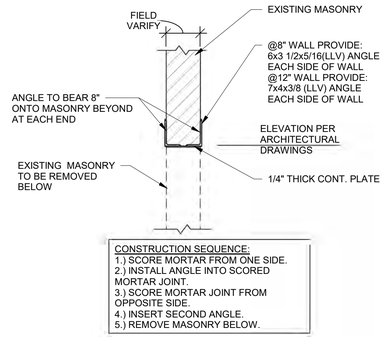
1 SECTION
1 1/2" = 1'-0"



TYPICAL STUD PLACEMENT DIAGRAM

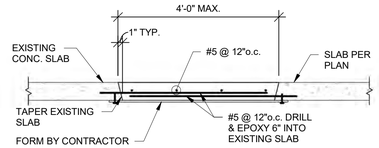
1. ALL DIAGRAMS REPRESENT IDEALIZED CONDITIONS. ACTUAL FRAMING CONFIGURATIONS MAY REQUIRE ADDITIONAL INTERPRETATION.
2. MAXIMUM SPACING OF STUDS SHALL BE 36"o.c. IF STUD SPACING EXCEEDS 12" o.c. PROVIDE 5/8" DIA. PUDDLE WELD ATTACHMENT SUCH THAT THE MAXIMUM AVERAGE SPACING OF STUD/WELD ATTACHMENT IS 12"o.c., AND MAXIMUM SPACING BETWEEN ATTACHMENTS IS 18".
3. THE NUMBER OF STUDS PER BEAM SHOWN ON THE DRAWINGS IS BASED ON AN ASSUMED DESIGN VALUE OF 13.3 KIPS/STUD. THE ACTUAL NUMBER OF STUDS PER BEAM [N] MAY VARY BASED WIDTH, DECK DEPTH, NUMBER OF STUDS PER CELL, DECK RIB ORIENTATION, ETC. AS PER AISC SPECIFICATIONS FOR COMPOSITE CONSTRUCTION. METAL DECK CONTRACTOR SHALL SUBMIT ALL CALCULATIONS VERIFYING THE HORIZONTAL SHEAR CAPACITY OF SHEAR STUDS DETAILED ON SHOP DRAWINGS AND PROVIDE THE STUDS REQUIRED.
4. SHEAR CONNECTOR PLACEMENT SHALL BE FULLY DETAILED ON THE METAL DECK SHOP DRAWINGS.

2 TYPICAL STUD PLACEMENT
3/4" = 1'-0"



NEW ANGLE LINTEL @ EXISTING
INTERIOR CMU WALL

3 SECTION
3/4" = 1'-0"



TYPICAL SLAB INFILL DETAIL

4 SECTION
3/4" = 1'-0"

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S301

FRAMING SECTIONS

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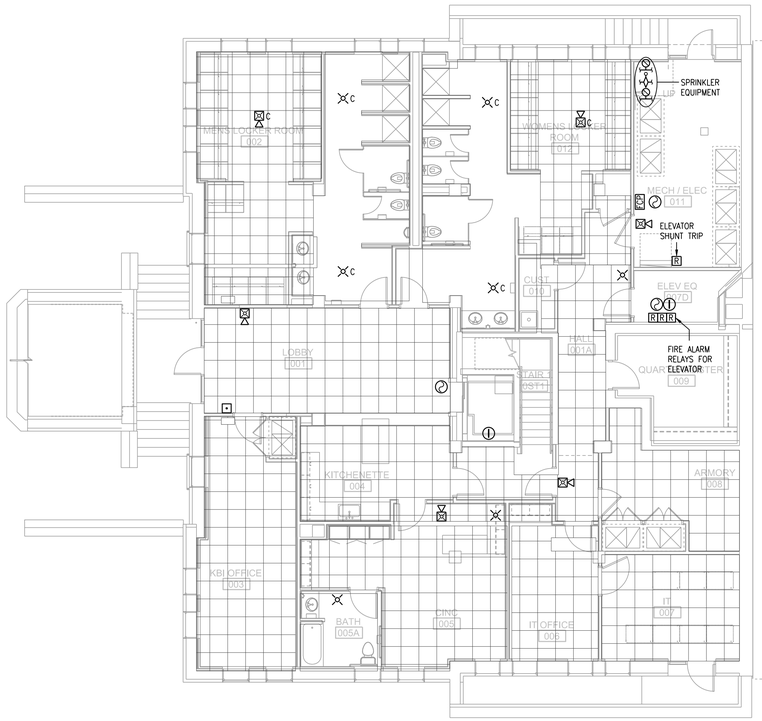

1 BASEMENT PLAN

1/8"=1'-0" FIRE ALARM

NORTH

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BASEMENT PLAN - FIRE ALARM

TreanorHL NO. HP0559.1901.00

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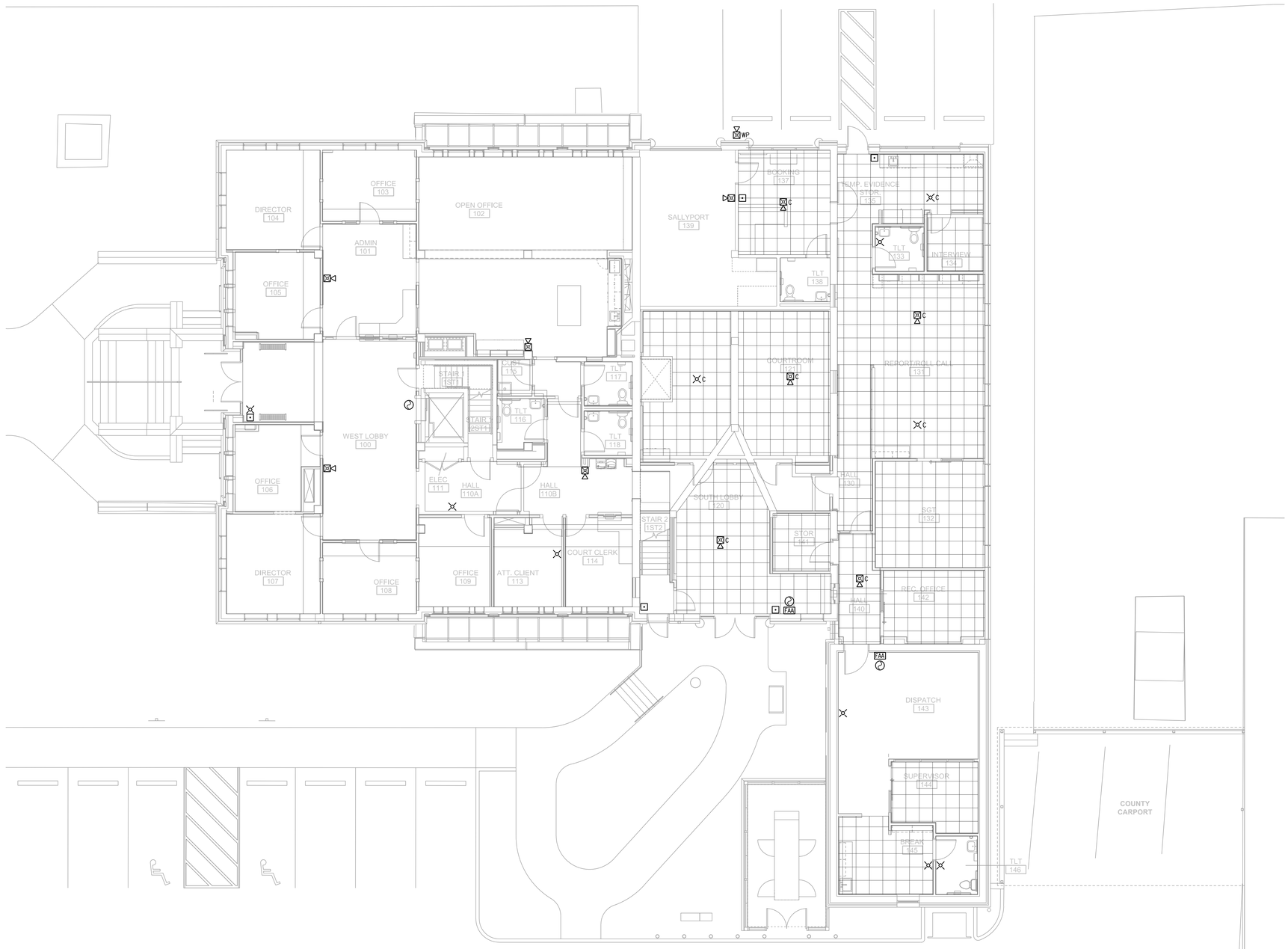

1 FIRST FLOOR PLAN

1/8"=1'-0"

FIRE ALARM

NORTH

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CITY HALL RENOVATION

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Date: 01/28/21

REVISIONS

NO	DESCRIPTION	DATE

FA102

FIRST FLOOR PLAN - FIRE ALARM

TreanorHL NO. HP0559.1901.00

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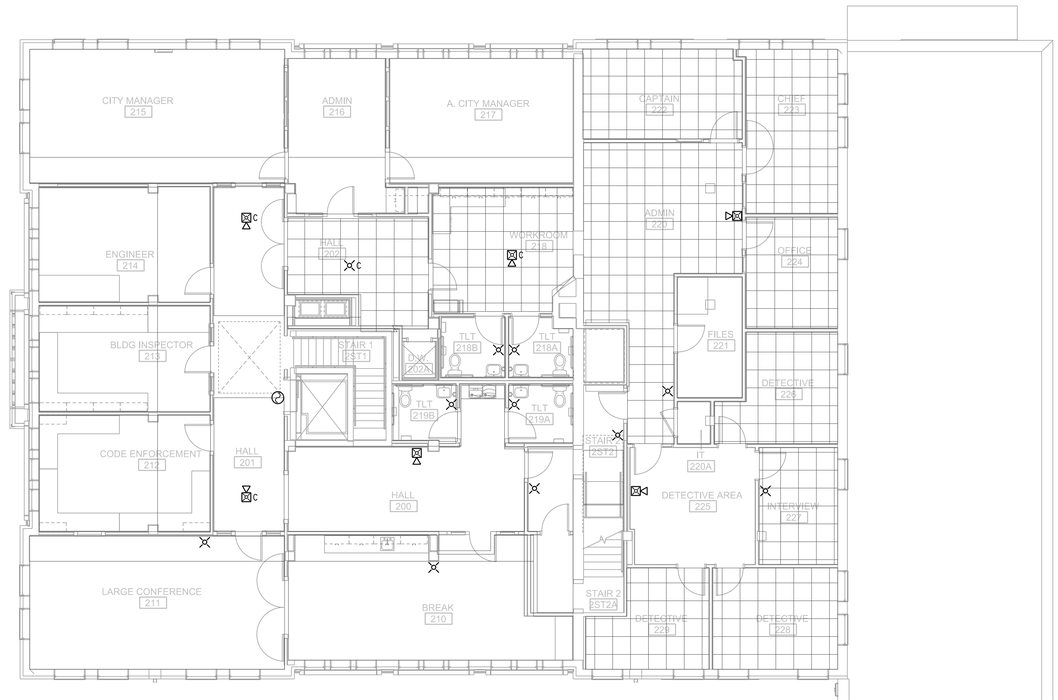
8625 College Boulevard, Suite 102
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2100304



1 SECOND FLOOR PLAN

1/8"=1'-0"

FIRE ALARM

NORTH

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REVISIONS

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FA103

SECOND FLOOR
PLAN - FIRE ALARM

TreanorHL NO. HP0559.1901.00

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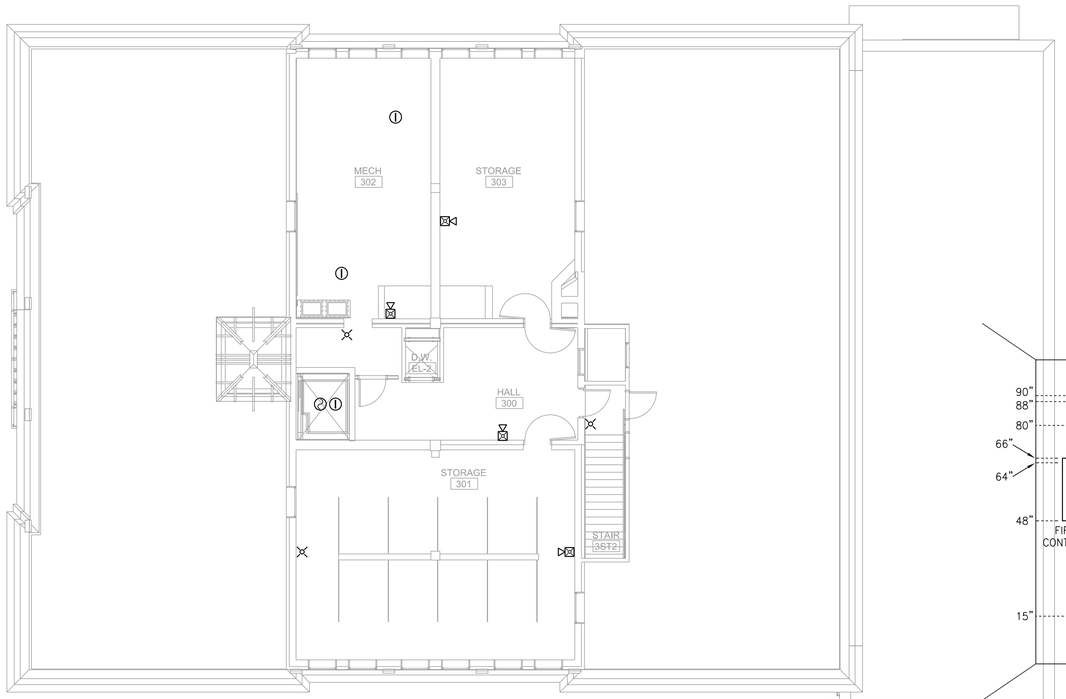
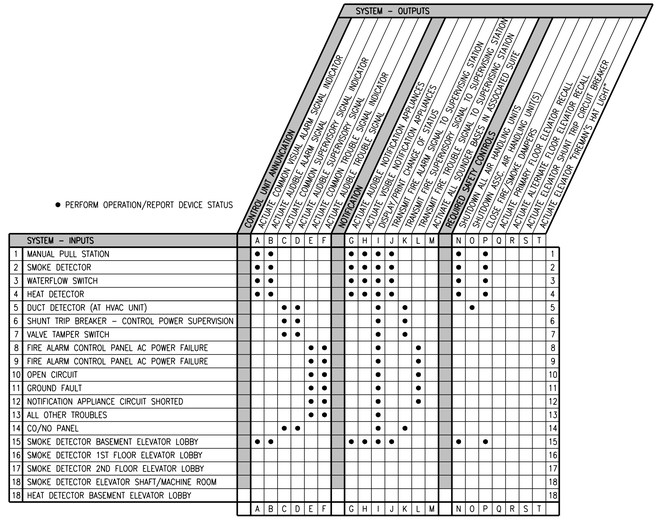
LSA PROJECT NO. 2100304



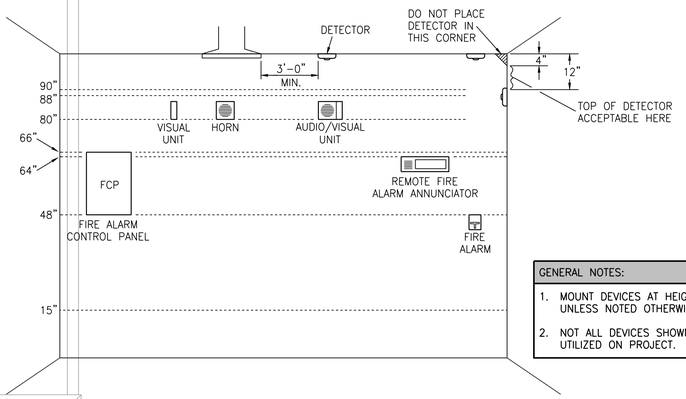
1 THIRD FLOOR PLAN

1/8"=1'-0" FIRE ALARM

NORTH



SEQUENCE OF OPERATIONS MATRIX



2 ELECTRICAL DEVICE MOUNTING HEIGHTS

NO SCALE

GENERAL NOTES:
1. MOUNT DEVICES AT HEIGHT INDICATED UNLESS NOTED OTHERWISE ON PLANS.
2. NOT ALL DEVICES SHOWN MAY BE UTILIZED ON PROJECT.

DEVICE MOUNTING NOTES:
1. VISUAL UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER.
2. AUDIO UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER.
3. AUDIO/VISUAL UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER.
4. PULL STATION HIGHEST OPERABLE PART SHALL NOT BE MORE THAN 48" ABOVE THE FLOOR.

DESIGN PARAMETERS AND APPLICABLE CODES - 2012 IBC, 2016 NFPA 72

AREA	IBC CLASSIFICATION (PER BUILDING CODE FOOTPRINT PLAN)	DESCRIPTION
CITY HALL CITY OFFICES, POLICE OFFICES, DISPATCH	B	FULLY SPRINKLERED. FIRE ALARM SYSTME PROVIDED FOR SPRINKLER SYSTEM VALVE AND FLOW AND MONITORING AND OCCUPANT ALARM PER IBC 907.5 AND 903.4. AUDIBLE AND VISUAL NOTIFICATION PROVIDED TO ALERT OCCUPANTS THROUGHOUT BUILDING. MANUAL FIRE ALARM SYSTEM NOT REQUIRED PER 907.2.2, EXCEPTION. MANUAL FIRE ALARM BOXES PROVIDED.

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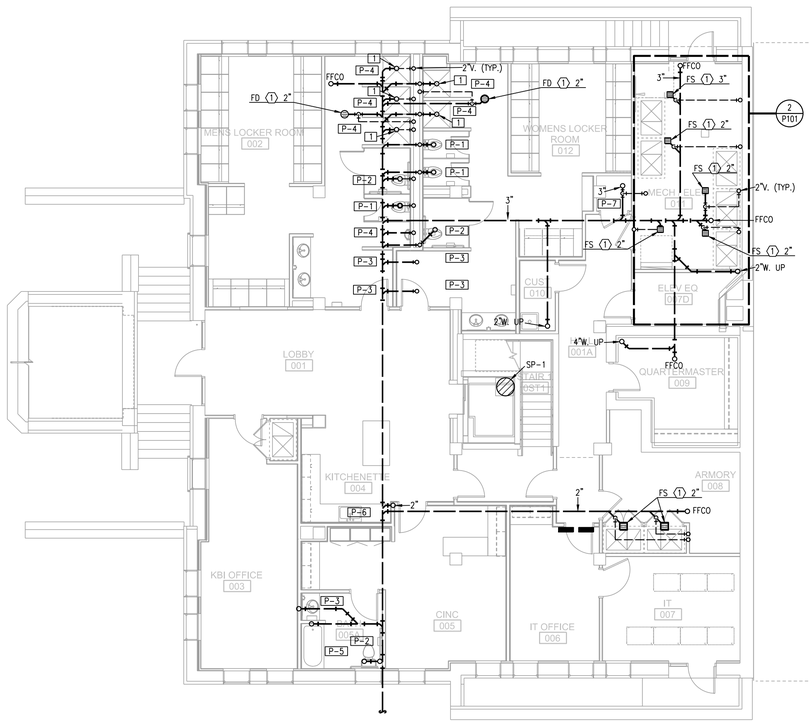
FA104

THIRD FLOOR PLAN - FIRE ALARM

TreanorHL NO. HP0559.1901.00



1 BASEMENT PLAN

1/8"=1'-0" BELOW-GRADE PLUMBING

NORTH

2 PARTIAL BASEMENT PLAN

1/4"=1'-0" BELOW-GRADE PLUMBING

NORTH

NOTES:

1. X

LEGEND:

[1] 2" SHOWER DRAIN.

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LSA PROJECT NO. 2102034

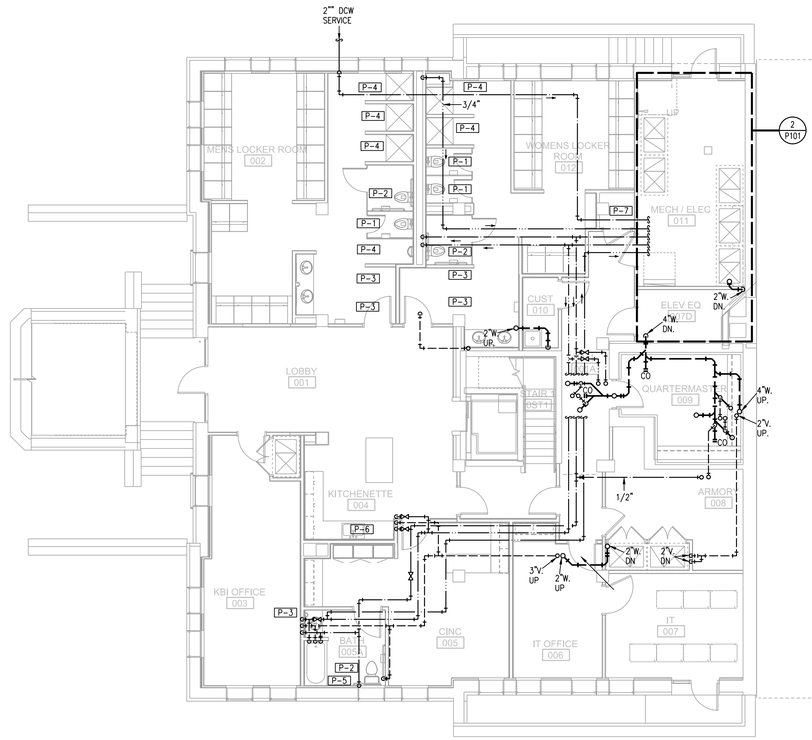
P101

BASEMENT PLAN - PLUMBING

TreanorHL NO. HP0559.1901.00

NOTES:
1. X

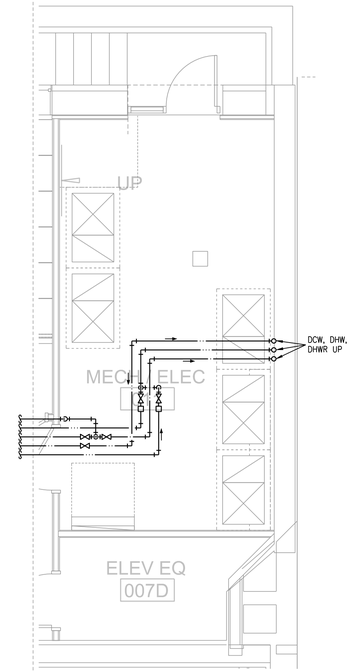
LEGEND:
(X) X



1 BASEMENT PLAN

1/8"=1'-0" PLUMBING

NORTH



2 PARTIAL BASEMENT PLAN

1/4"=1'-0" PLUMBING

NORTH

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P102

BASEMENT PLAN - PLUMBING

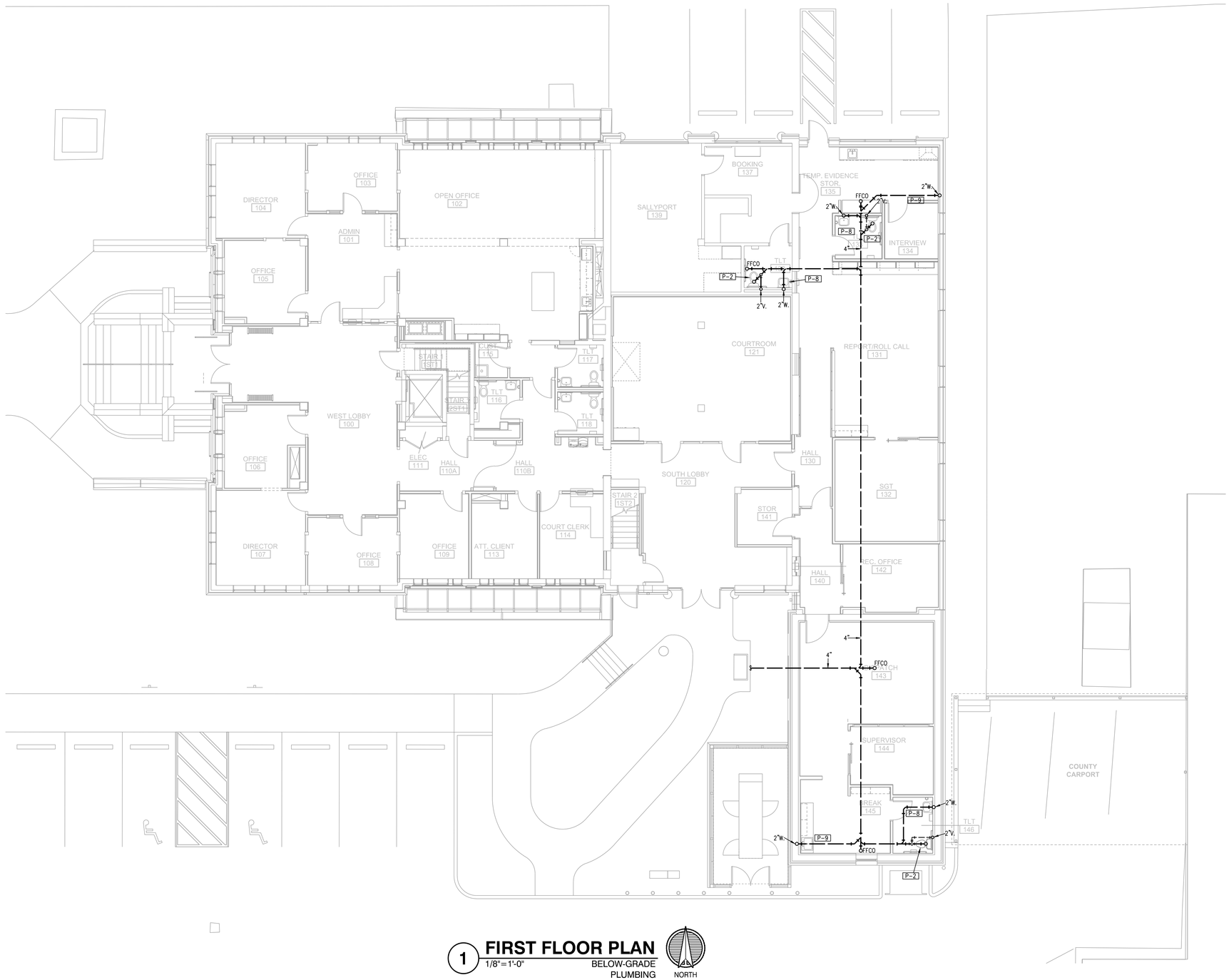
TreanorHL NO. HP0559.1901.00

NOTES:

1. X

LEGEND:

(X) X



1 **FIRST FLOOR PLAN**
1/8"=1'-0"
BELOW-GRADE PLUMBING

NORTH

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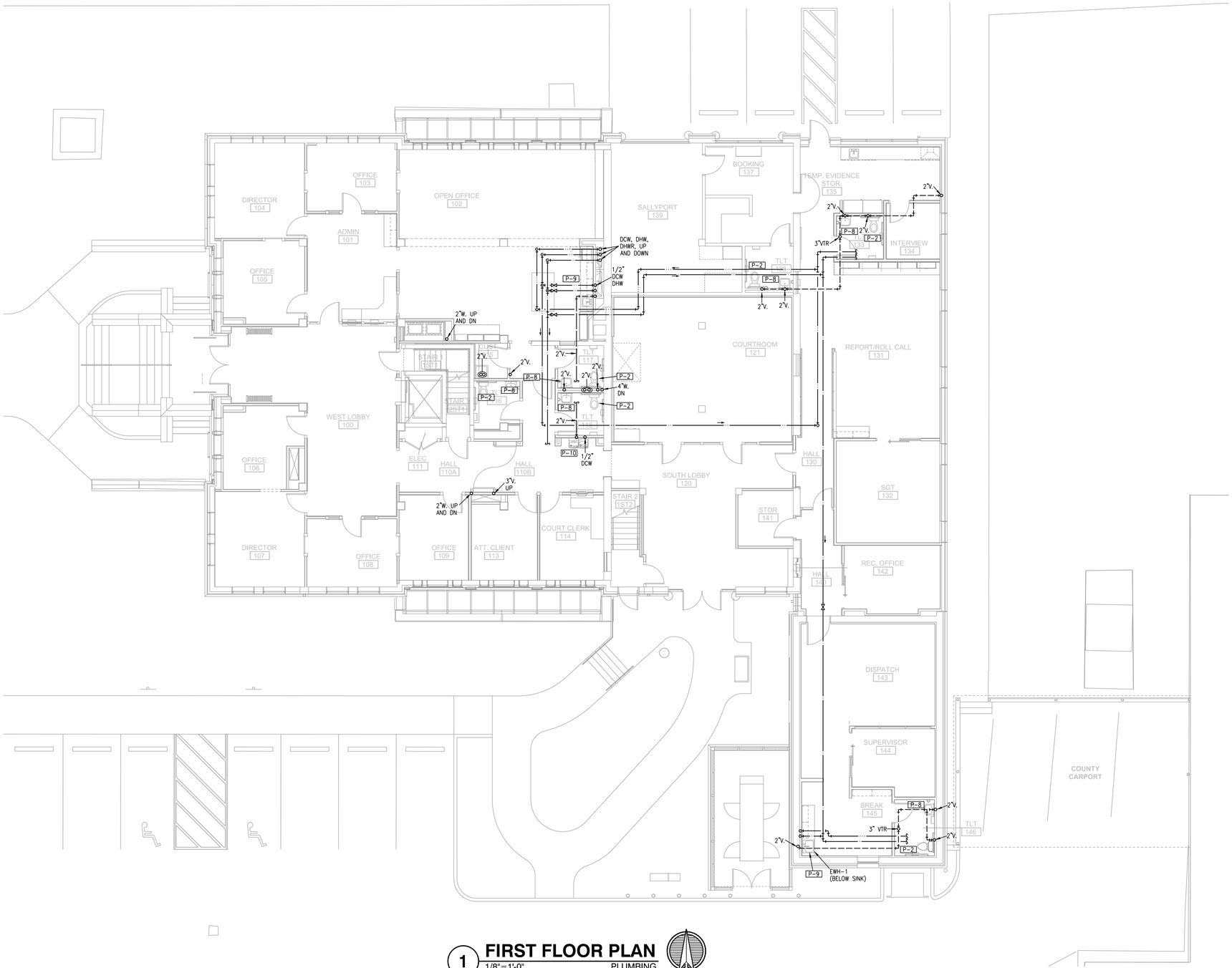
P103

FIRST FLOOR PLAN - BELOW-GRADE PLUMBING

TreanorHL NO. HP0559.1901.00

NOTES:
1. X

LEGEND:
(X) X



1 **FIRST FLOOR PLAN** — PLUMBING
1/8"=1'-0"

NORTH

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P104

FIRST FLOOR PLAN - PLUMBING

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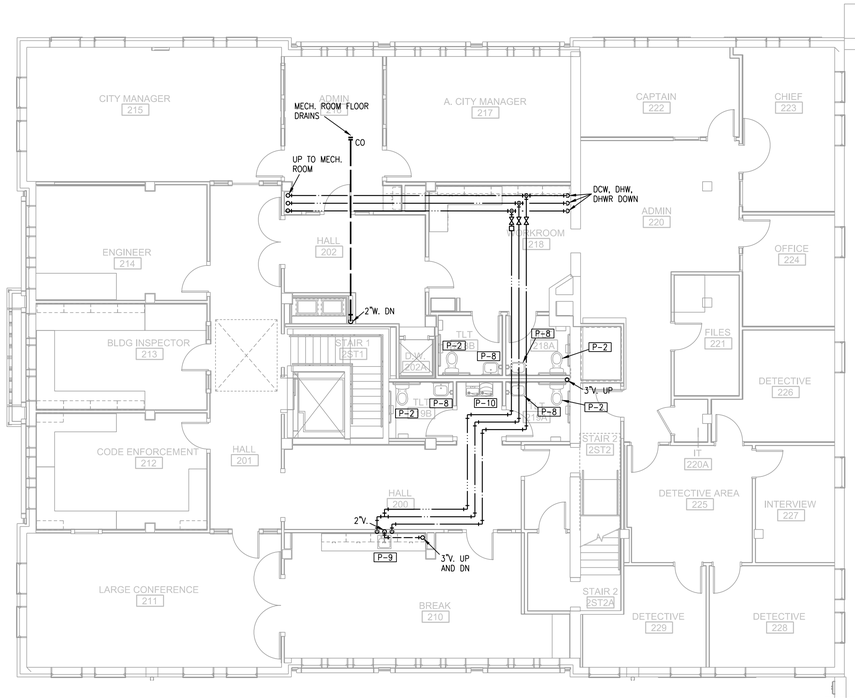
Email: lsapa@lsapa.com
LSA PROJECT NO. 2100304

NOTES:
1. X

LEGEND:
(X) X



1 SECOND FLOOR PLAN

1/8"=1'-0" PLUMBING

NORTH

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P105

SECOND FLOOR PLAN - PLUMBING

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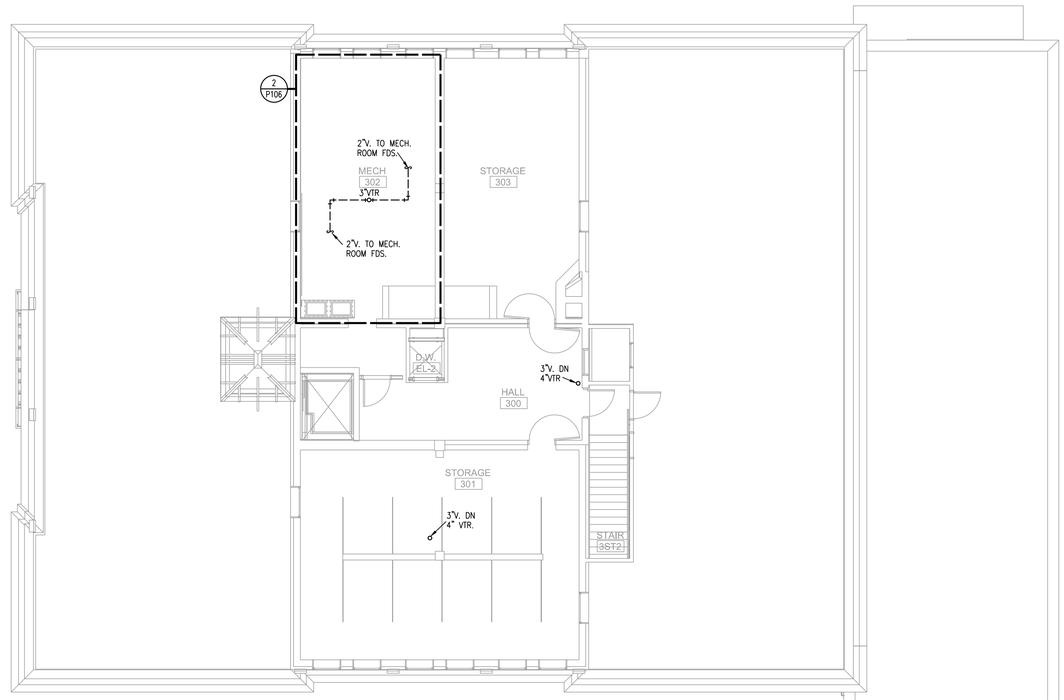

1 THIRD FLOOR PLAN

1/8"=1'-0" PLUMBING

NORTH

NOTES:

1. X

LEGEND:

(X) X

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P106

THIRD FLOOR PLAN - PLUMBING

TreanorHL NO. HP0559.1901.00

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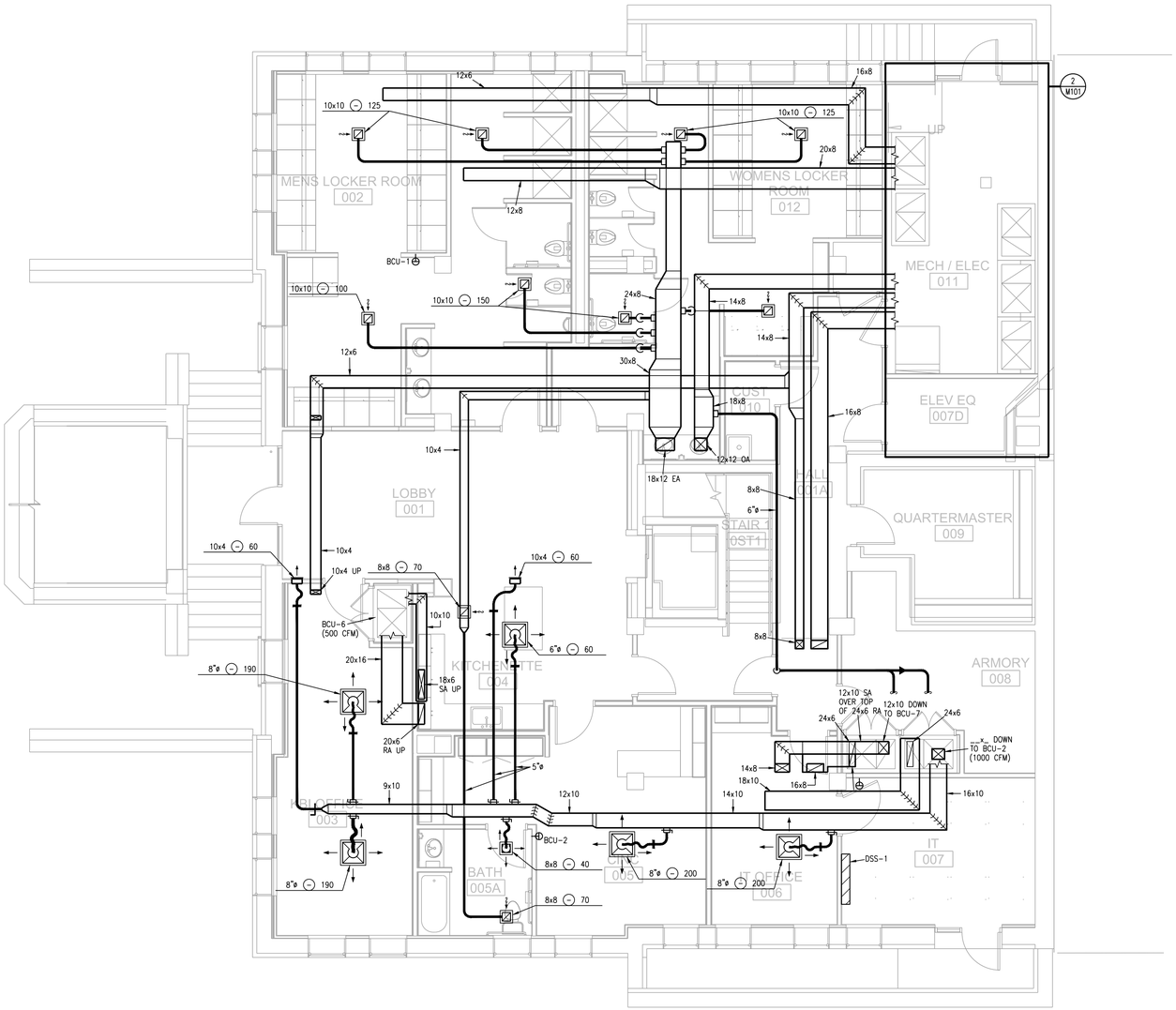
LSA PROJECT NO. 2102034

LEGEND:
1 12x12 WALL LOUVER.
2 FEMA GRILL.



1 BASEMENT PLAN

3/16"=1'-0" . HVAC

NORTH

2 MECHANICAL ROOM

3/16"=1'-0" . HVAC

NORTH

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REVISIONS

NO	DESCRIPTION	DATE

M101

BASEMENT PLAN - HVAC

TreanorHL NO. HP0559.1901.00

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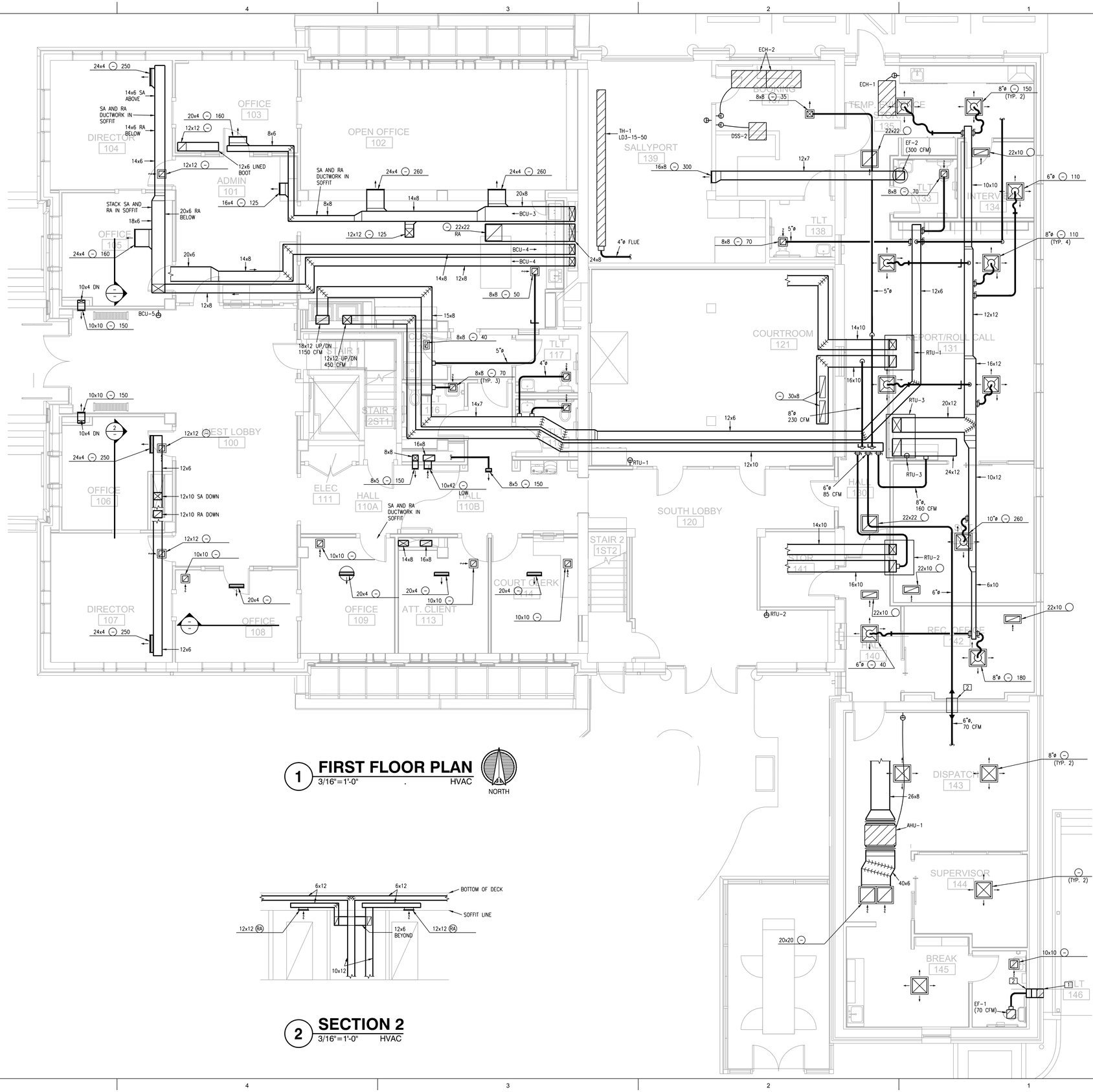
Email: lsapa@lsapa.com
LSA PROJECT NO. 2100334

LEGEND:
1 12x12 WALL LOUVER.
2 FEMA GRILL.



1 FIRST FLOOR PLAN

3/16"=1'-0" . HVAC

NORTH

2 SECTION 2

3/16"=1'-0" HVAC

PROGRESS PRINT

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CITY OF INDEPENCENCE, KANSAS
CITY HALL RENOVATION

120 N. 6TH STREET
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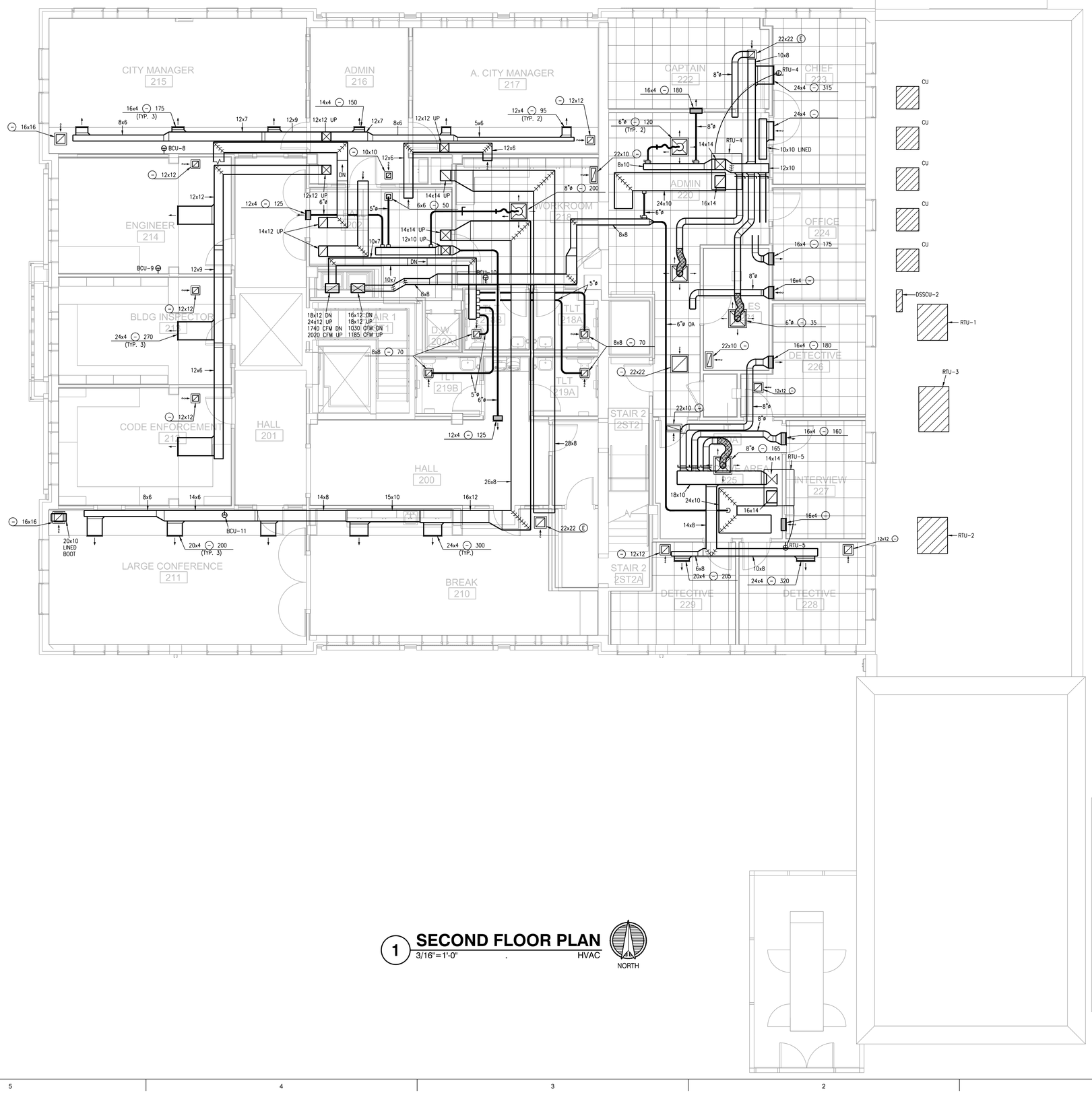
LSA PROJECT NO. 2102034

M102

FIRST FLOOR PLAN - HVAC

TreanorHL NO. HP0559.1901.00



LEGEND:
1 12x12 WALL LOUVER.
2 FEMA GRILL.

1 SECOND FLOOR PLAN

3/16"=1'-0" . HVAC

NORTH

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M103

SECOND FLOOR PLAN - HVAC

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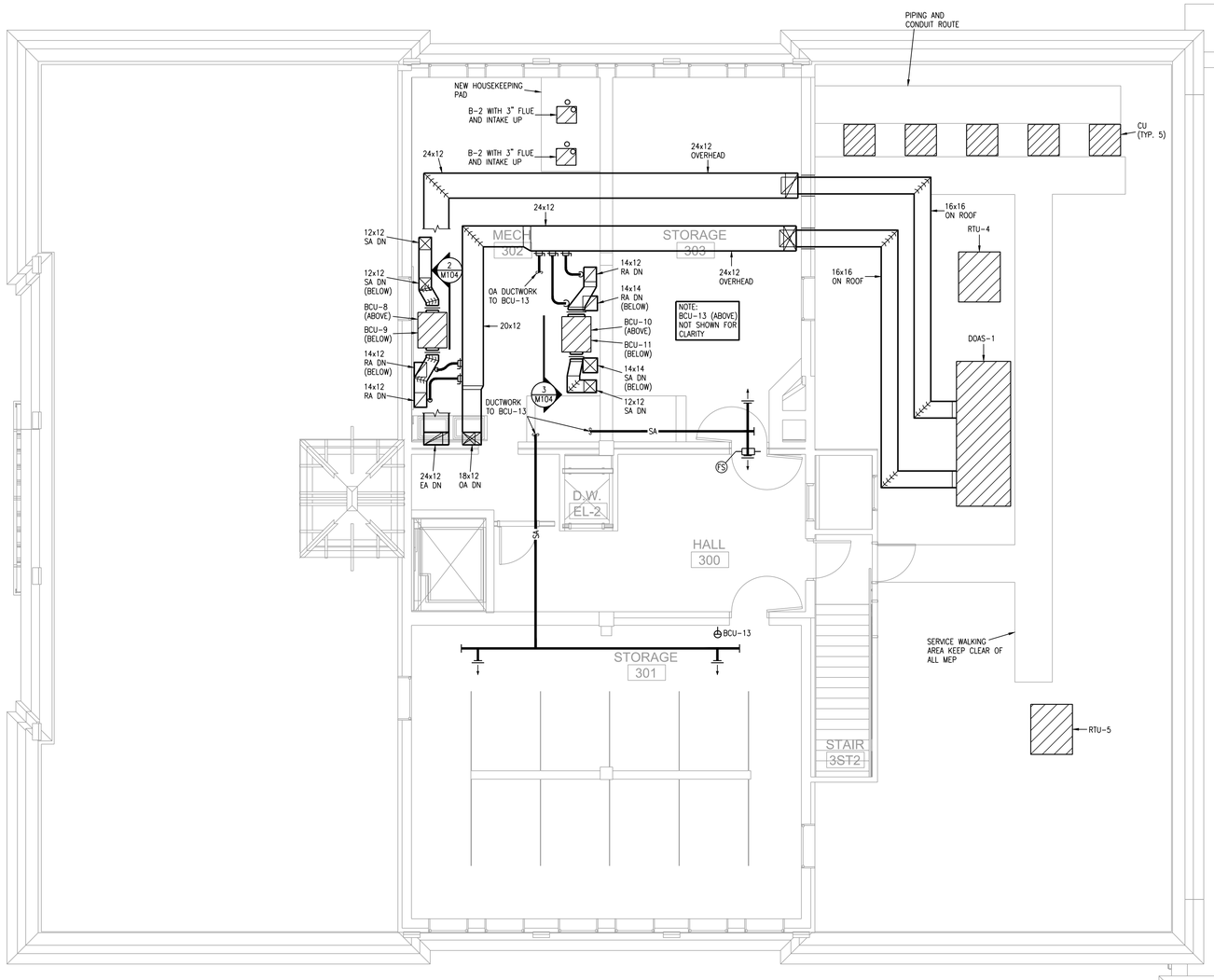
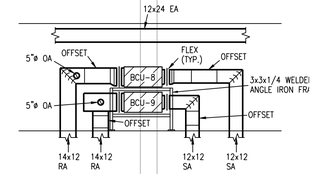
LSA PROJECT NO. 2102034

LEGEND:
1 12x12 WALL LOUVER.
2 FEMA GRILL.

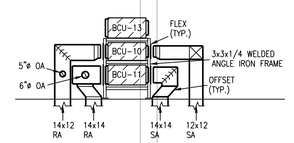


1 THIRD FLOOR PLAN
3/16"=1'-0" . HVAC

NORTH



2 SECTION
3/16"=1'-0" HVAC



3 SECTION
3/16"=1'-0" HVAC

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M104

THIRD FLOOR PLAN - HVAC

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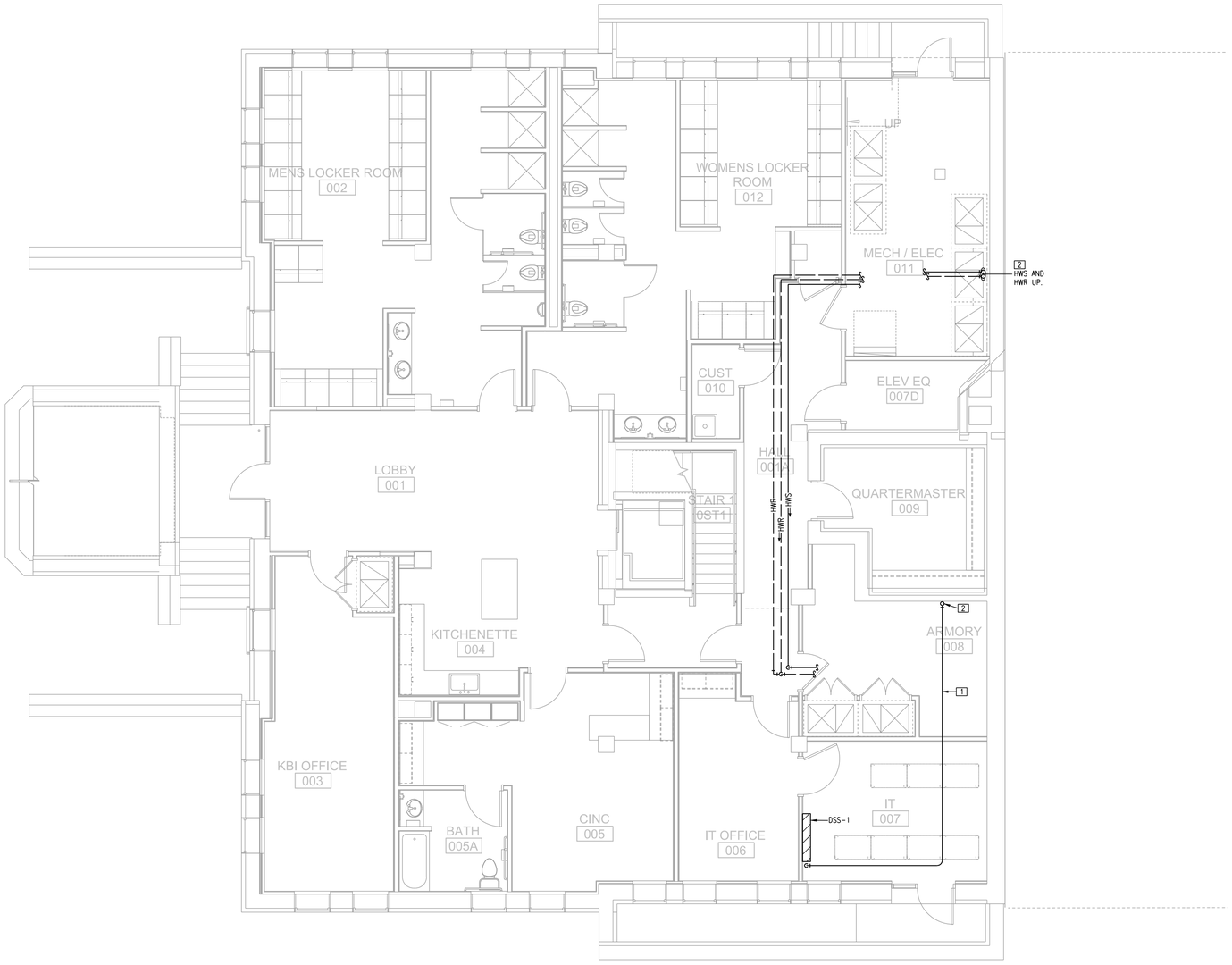
LSA PROJECT NO. 2100304

LEGEND:
1 LINE SET.
2 CORE DRILL WALL OR FLOOR.
3 DURA BLOCK PIPE SUPPORT.
4 INSULATED ROOF CURB.



1 BASEMENT PLAN

3/16"=1'-0" HVAC PIPING

NORTH

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M201

BASEMENT PLAN - HVAC PIPING

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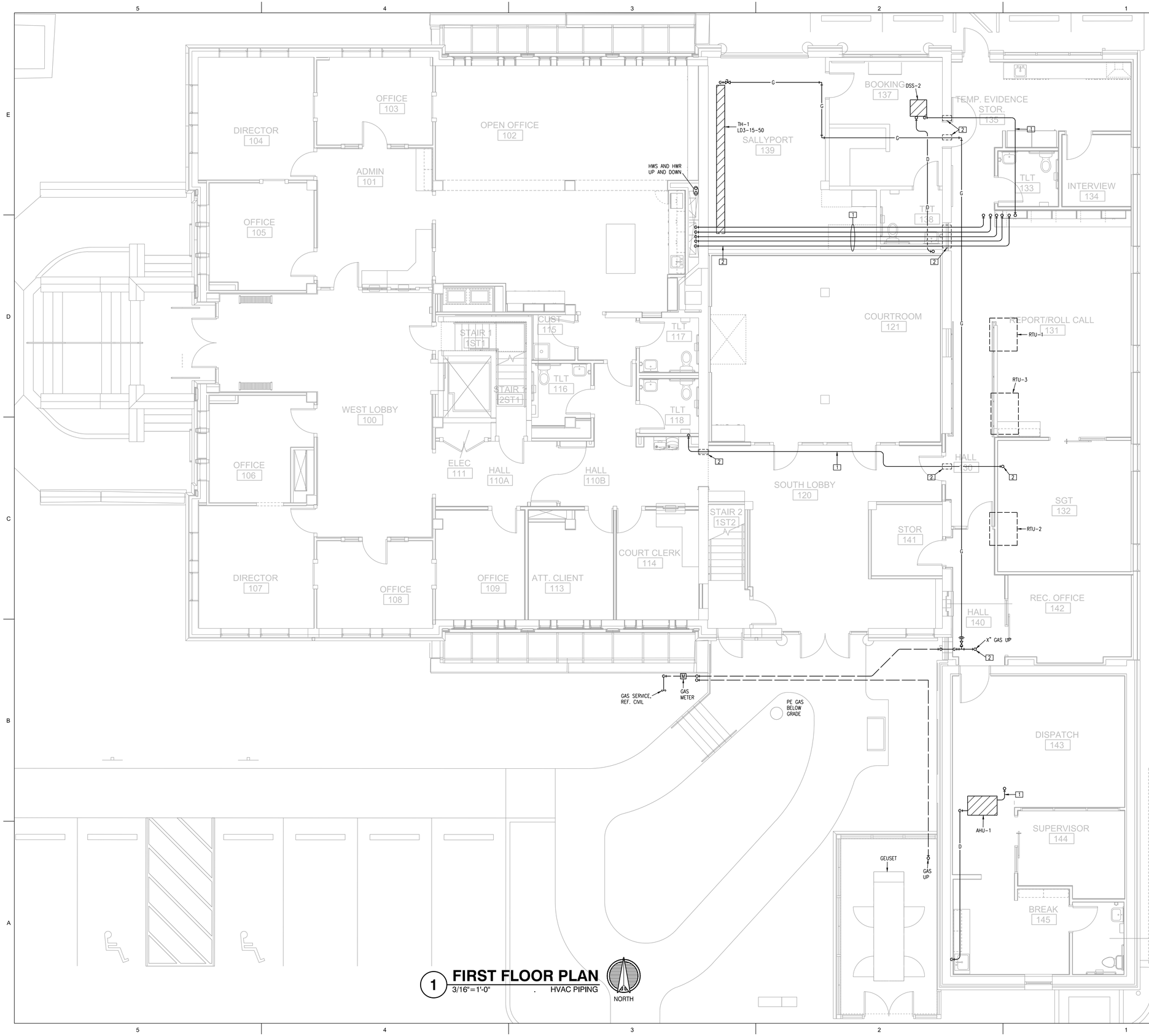
LSA PROJECT NO. 2102034



1 **FIRST FLOOR PLAN** — 3/16"=1'-0" . HVAC PIPING

LEGEND:
1 LINE SET.
2 CORE DRILL WALL OR FLOOR.
3 DURA BLOCK PIPE SUPPORT.
4 INSULATED ROOF CURB.

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M202

FIRST FLOOR PLAN - HVAC PIPING

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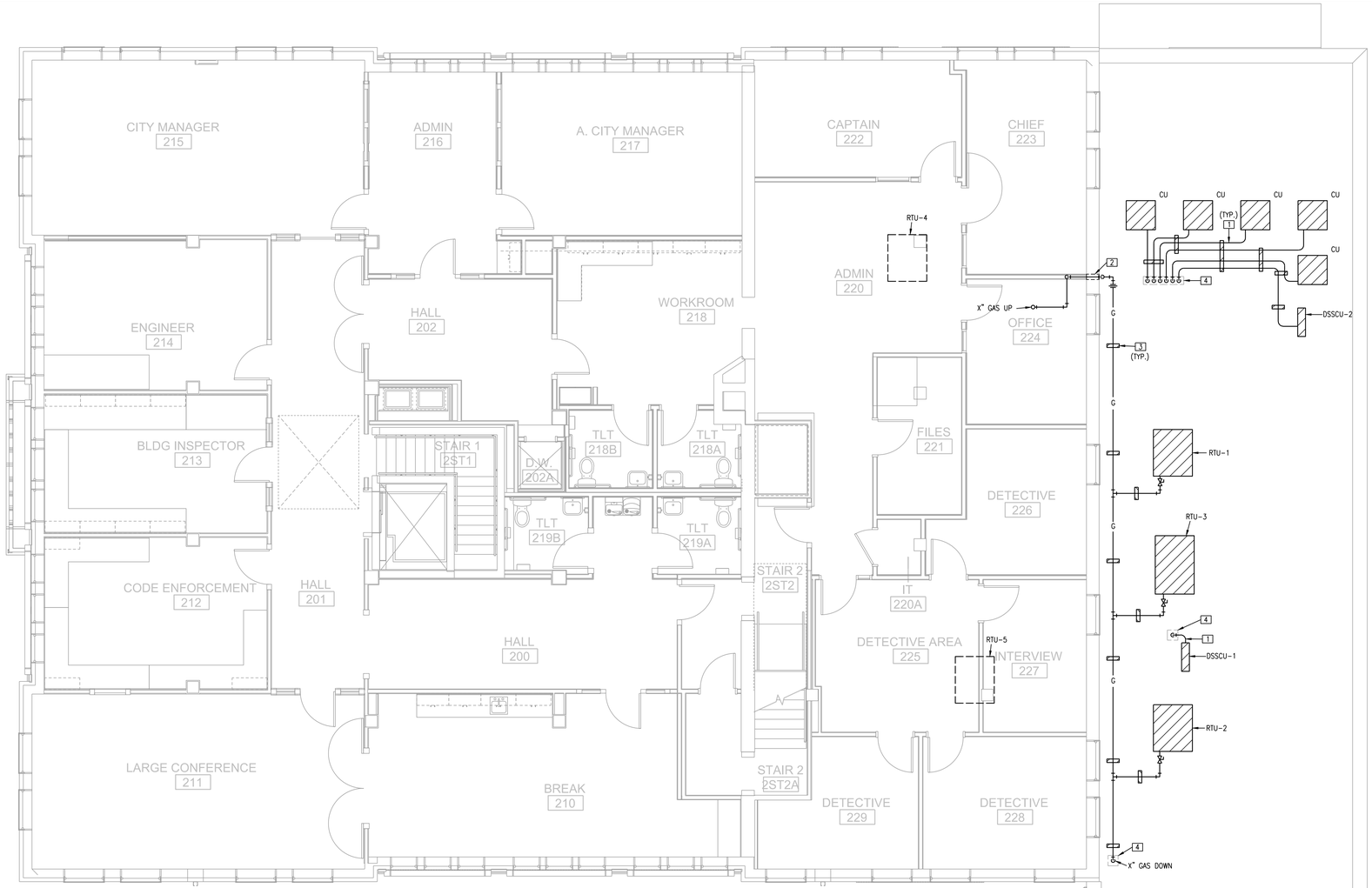
LSA PROJECT NO. 2100304



1 SECOND FLOOR PLAN

3/16"=1'-0" . HVAC PIPING

NORTH

LEGEND:
1 LINE SET.
2 CORE DRILL WALL OR FLOOR.
3 DURA BLOCK PIPE SUPPORT.
4 INSULATED ROOF CURB.

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M203

SECOND FLOOR PLAN - HVAC PIPING

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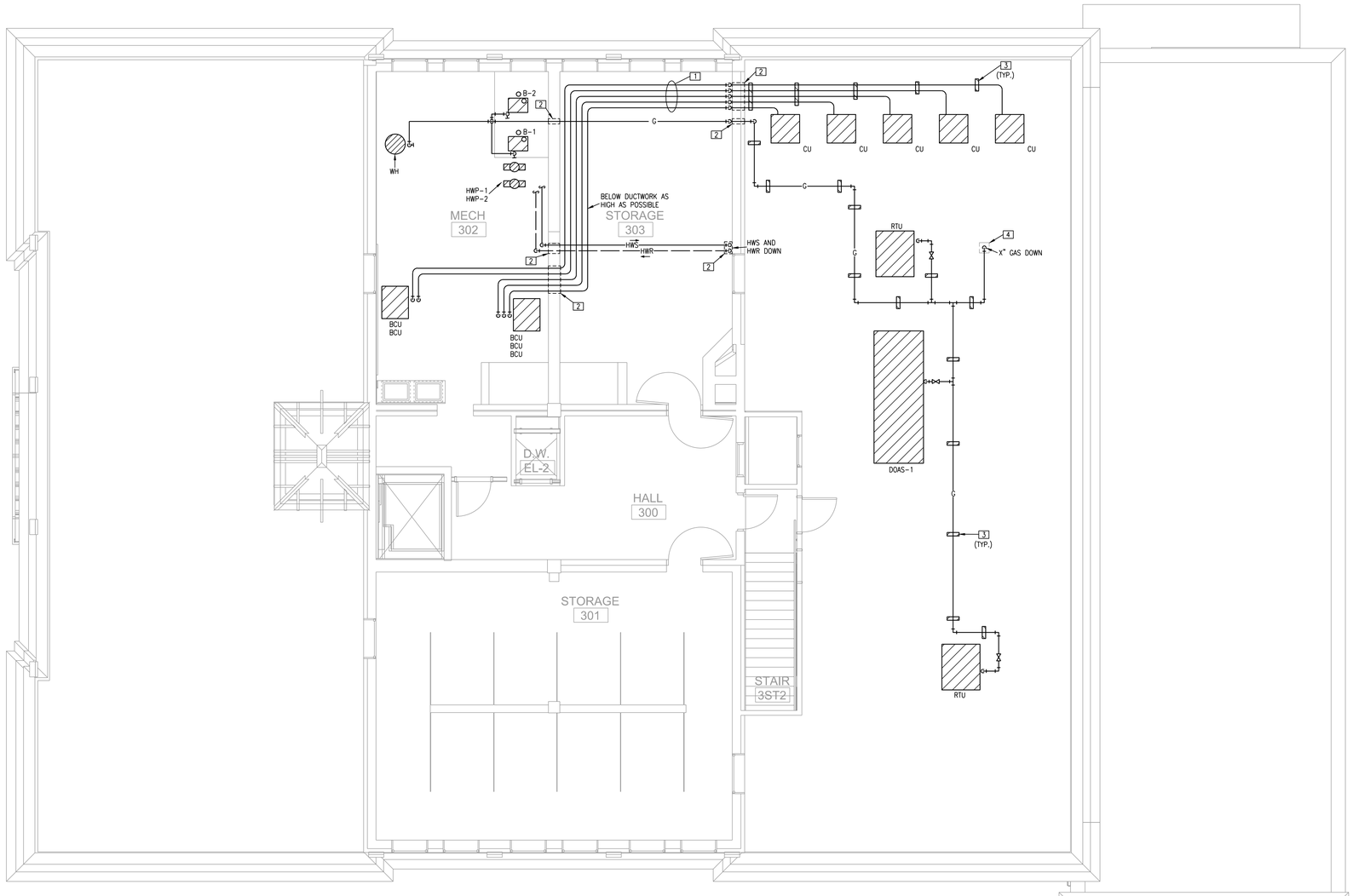
LSA PROJECT NO. 2102034

LEGEND:
1 LINE SET.
2 CORE DRILL WALL OR FLOOR.
3 DURA BLOCK PIPE SUPPORT.
4 INSULATED ROOF CURB.



1 THIRD FLOOR PLAN

3/16"=1'-0" . HVAC PIPING

NORTH

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M204

THIRD FLOOR PLAN - HVAC PIPING

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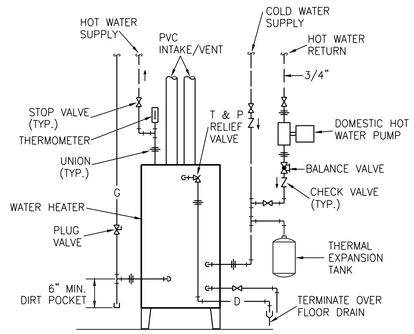
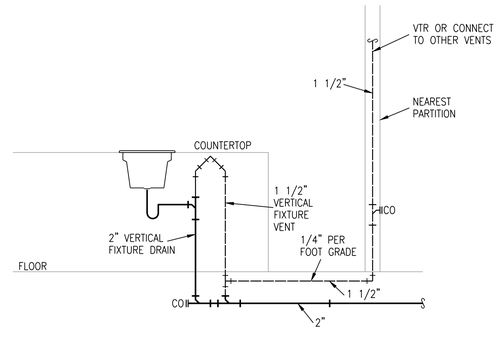
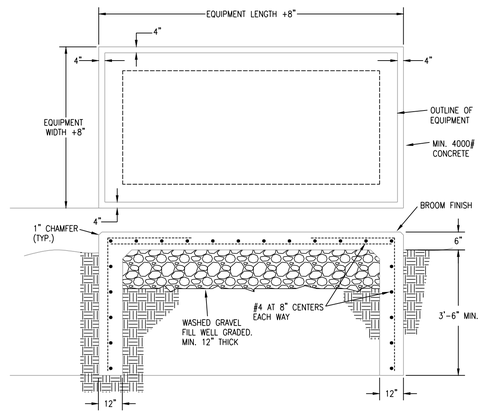
LSA PROJECT NO. 2102034



1 WATER HEATER DETAIL WITH RECIRCULATING PUMP
NO SCALE

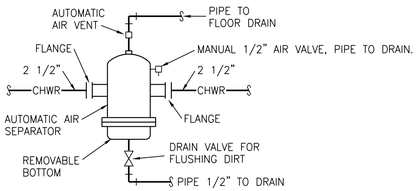


2 ISLAND VENT DETAIL
NO SCALE



3 EQUIPMENT FOUNDATION DETAIL
NO SCALE

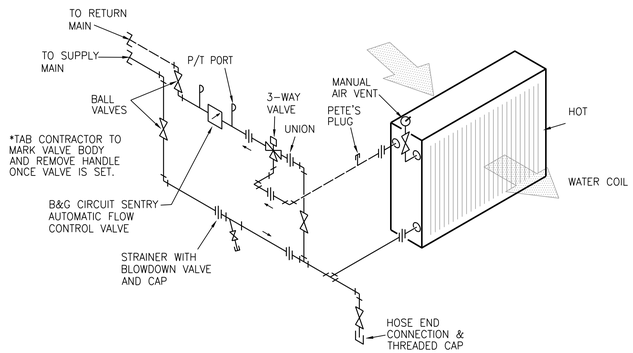
GEN SET



AIR SEPARATOR SCHEDULE						
MARK	SIZE	MANUFACTURER	MODEL NUMBER	GPM	PSI DROP	REMARKS
AS-1	2.5"	B&G	CRS	54	0.4	1, 2, 3, 4

REMARKS:
1. STAINLESS STEEL MEDIA.
2. REMOVABLE HEAD.
3. COMBINATION AIR ELIMINATOR AND DIRT SEPARATOR.
4. HIGH CAPACITY AUTO AIR VENT.

4 AIR SEPARATOR/ELIMINATOR DETAIL
NO SCALE



5 SINGLE WATER DUCT COIL DETAIL
NO SCALE

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MECHANICAL DETAILS

TreanorHL NO. HP0559.1901.00

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LSA PROJECT NO. 2100304

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER/ MODEL	DESCRIPTION	FITTINGS		REMARKS
			MANUFACTURER/ MODEL	DESCRIPTION	
P-1	AMERICAN STANDARD 2234.015 CHURCH 9500C	WATER CLOSET: WHITE VITREOUS CHINA, ELONGATED BOWL, FLOOR MOUNTED, FLUSH VALVE BOWL WITH TOP SPUD AND FLAT BOLT COVERS. 1.6 GALLON SIPHON JET FLUSHING ACTION. SEAT: SOLID PLASTIC OPEN FRONT, WHITE FOR AN ELONGATED BOWL, INTEGRAL BUMPERS, EXTERNAL CHECK HINGES WITH STAINLESS STEEL POSTS.	SLOAN ROYAL 111	EXPOSED WATER CLOSET FLUSH VALVE, CHROME PLATED METAL OSCILLATING NON-HOLD-OPEN HANDLE, 1" I.P.S. SCREWDRIVER BAK-CHEK ANGLE STOP WITH PROTECTIVE CAP, ADJUSTABLE TAILPIECE, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 1 1/2" TOP SPUD, 1.6 GALLON. PROVIDE WALL AND SPUD FLANGES. MOUNT HANDLE AT 24" AFF.	
P-2	AMERICAN STANDARD 2305.100 CHURCH 9500C	ADA COMPLIANT WATER CLOSET: WHITE VITREOUS CHINA, ELONGATED BOWL, FLOOR MOUNTED, FLUSH VALVE BOWL WITH TOP SPUD AND FLAT BOLT COVERS. 1.6 GALLON SIPHON JET FLUSHING ACTION. MOUNT TOP OF RIM AT 16 1/8" AFF. SEAT: SOLID PLASTIC OPEN FRONT, WHITE FOR AN ELONGATED BOWL, INTEGRAL BUMPERS, EXTERNAL CHECK HINGES WITH STAINLESS STEEL POSTS.	SLOAN ROYAL 111	EXPOSED WATER CLOSET FLUSH VALVE, CHROME PLATED METAL OSCILLATING NON-HOLD-OPEN HANDLE, 1" I.P.S. SCREWDRIVER BAK-CHEK ANGLE STOP WITH PROTECTIVE CAP, ADJUSTABLE TAILPIECE, VACUUM BREAKER FLUSH CONNECTION AND SPUD COUPLING FOR 1 1/2" TOP SPUD, 1.6 GALLON. PROVIDE WALL AND SPUD FLANGES. MOUNT HANDLE AT 26" AFF.	6
P-3	AMERICAN STANDARD 0491.019	ADA COMPLIANT LAVATORY: WHITE COUNTER TOP VITREOUS CHINA LAVATORY, 19" ROUND, SELF RIMMING BASIN WITH FAUCET HOLES ON 4" CENTERS. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.	AMERICAN STANDARD 2385.402	4" CENTERSET FAUCET WITH 4" METAL LEVER HANDLE, 1/2" CONNECTIONS AND GRID DRAIN WITHOUT POP-UP HOLE. VANDAL RESISTANT 2.0 GPM SPRAY. POLISHED CHROME FINISH.	1,2,5,7
P-4	DELTA TECK COMMERCIAL R10000-T13H132	HEAVE DUTY FORGED BRASS VALVE BODY, PRESSURE BALANCING CARTRIDGE WITH CHECKS.		SHOWER HEAD, ARM, SETSCREW FLANGE, VALVE TRIM PLATE, 3.33" METAL LEVER HANDLE, ADA.	
P-5		BATH TUB, VALVE, SHOWERHEAD.			
P-6	ELKAY LR-1722	SINGLE COMPARTMENT SINK: SEAMLESS #18 GAUGE, TYPE 302 (18-8) NICKEL BEARING STAINLESS STEEL. LK-6K-H SATIN FINISH FULLY UNDERCOATED, HOLES AT 4" O.C. 7 1/2" BOWL DEPTH. 1 3/4" RADIUS COVED CORNERS. SELF RIMMING.	AMERICAN STANDARD 7500.140	CENTERSET GOOSENECK FAUCET WITH METAL LEVER HANDLES, 1/2" CONNECTIONS, WITHOUT DRAIN AND POP-UP HOLE. POLISHED CHROME FINISH. PROVIDE BASKET STRAINER AND DRAIN.	2,3,5,8
P-7	FIAT MSB-2424	JANITORS SINK: 24"x24"x10" ONE PIECE MOLDED STONE MOP BASIN STAINLESS STEEL INTEGRAL DRAIN BODY WITH CAULKED CONNECTION FOR 3" PIPE. COLOR SHALL BE WHITE AND UNIT SHALL BE ONE HOMOGENEOUS PIECE. PROVIDE WITH STAINLESS STEEL WALL GUARDS.	FIAT 830-AA	CHROME PLATED BRASS WALL MOUNTED FAUCET WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, 3/4" HOSE THREAD SPOUT, INDEXED HANDLES, PROVIDE HOSE AND BRACKET, MOP HANGER AND HOSE RACK	
P-8	AMERICAN STANDARD 0355.012	ADA COMPLIANT LAVATORY: WHITE VITREOUS CHINA, WALL HUNG LAVATORY 20"x18" WITH 4" BACK FOR USE WITH CONCEALED ARM HANGER. FAUCET HOLES ON 4" CENTERS. PROVIDE CONCEALED ARM CARRIER. MOUNT TOP OF RIM AT 34" AFF.	AMERICAN STANDARD 2385.402	4" CENTERSET FAUCET WITH 4" METAL LEVER HANDLE, 1/2" CONNECTIONS AND GRID DRAIN WITHOUT POP-UP HOLE. VANDAL RESISTANT 2.0 GPM SPRAY. POLISHED CHROME FINISH.	1,2,3,4,5
P-9	ELKAY LR-1722	SINGLE COMPARTMENT SINK: SEAMLESS #18 GAUGE, TYPE 302 (18-8) NICKEL BEARING STAINLESS STEEL. LK-6K-H SATIN FINISH FULLY UNDERCOATED, HOLES AT 4" O.C. 7 1/2" BOWL DEPTH. 1 3/4" RADIUS COVED CORNERS. SELF RIMMING.	AMERICAN STANDARD 7500.140	CENTERSET GOOSENECK FAUCET WITH METAL LEVER HANDLES, 1/2" CONNECTIONS, WITHOUT DRAIN AND POP-UP HOLE. POLISHED CHROME FINISH. PROVIDE BASKET STRAINER AND DRAIN.	2,3,5,8
P-10	HALSEY-TAYLOR HAC8BLFSQ	ADA COMPLIANT DUAL HEIGHT ELECTRIC WATER COOLER: BARRIER FREE WATER COOLER PROVIDING 8 GPM OF 50 DEGREE WATER AT 90 DEGREE AMBIENT. FRONT AND SIDE PUSHBARS, ADA COMPLIANT, LEAD FREE. MOUNT WITH MIN. 27" KNEE CLEARANCE AND SPOUT AT NO MORE THAN 36" AFF.		BOTTLE FILLER	4

REMARKS:
1 - PROVIDE CHROME PLATED BRASS TAILPIECE AND GRID DRAIN.
2 - PROVIDE CHROME PLATED BRASS P-TRAP.
3 - PROVIDE LOOSE KEY STOPS AND FLEXIBLE RISERS.
4 - PROVIDE CONCEALED ARM TYPE CARRIER WITH SQUARE TUBULAR STEEL UP-RIGHTS AND BLOCK TYPE BASES.
5 - INSULATE EXPOSED TAILPIECE, P-TRAP, AND WATER RISERS. REFER TO SPECIFICATIONS FOR INSULATION METHODS.
6 - PROVIDE FLUSH VALVE HANDLE ON WIDE SIDE OF STALL.
7 - PROVIDE HANDLE STOPS AND FLEXIBLE RISERS.
8 - PROVIDE CHROME PLATED BRASS TAILPIECE AND BASKET STRAINER.

GAS FIRED INFRARED TUBE HEATER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	INPUT	NOMINAL LENGTH	VOLTS/PHASE	REMARKS
TH-1	RE-VERBER-RAY	-	-	-	120/1	1-5

REMARKS:
1. TWO-STAGE GAS INPUT.
2. 4"ø ROOF VENT KIT.
3. THERMOSTAT.
4. GAS VALVE.
5. FLEX CONNECTION.

BLOWER COIL UNIT SCHEDULE

MARK	MFR	MODEL	CFM	OA CFM*	MOTOR HP	ESP	TSP	DX COOLING CAPACITY								HW HEATING CAPACITY						ELEC			REMARKS
								TOTAL	SENS	EAT	LAT				ROWS	MBH	EAT	LAT	EWT	GPM	ROWS	VOLTS/PHASE	MCA	MOCP	
BCU-1	TRANE	BCCD24	600	0	1/2					75/63							70		180			120/1			
BCU-2	TRANE	BCCD36	1000	140	1/2					75/63							70		180			120/1			
BCU-3	TRANE	BCCD24	800	120	1/2					75/63							70		180			120/1			
BCU-4	TRANE	BCCD24	500	30	1/2					75/63							70		180			120/1			
BCU-5	TRANE	BCCD24	600	70	1/2					75/63							70		180			120/1			
BCU-6	TRANE	BCCD24	500	30	1/2					75/63							70		180			120/1			
BCU-7	TRANE	BCCD24	600	60	1/2					75/63							70		180			120/1			
BCU-8	TRANE	BCHD24	800	70	1/2					75/63							70		180			120/1			
BCU-9	TRANE	BCHD24	800	60	1/2					75/63							70		180			120/1			
BCU-10	TRANE	BCHD18	600	60	1/2					75/63							70		180			120/1			
BCU-11	TRANE	BCHD36	1200	110	1/2					75/63							70		180			120/1			
BCU-12	TRANE	BCHD36	1200	110	1/2					75/63							70		180			120/1			
																	70		180			120/1			

REMARKS:
1 -
2 -
3 -
4 -
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7 -
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10 -
11 -
12 -
13 -
14 -
15 -
16 -
17 -

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	APPLICATION			FINISH	FRAME TYPE	DAMPER	REMARKS
			SUP.	RET.	EXH.				
A	PRICE	-	-	-	-	WHITE	-	-	
B	PRICE	-				WHITE	-	-	
C	PRICE	-				WHITE	-	-	
D	PRICE	-				WHITE	-	-	
F	PRICE	-				WHITE	-	-	
G	PRICE	-				WHITE	-	-	
H	PRICE	-				WHITE	-	-	
J	PRICE	-				WHITE	-	-	
K	PRICE	-				WHITE	-	-	
L	PRICE	-				WHITE	-	-	

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	CFM	EST. E.S.P.	ELECTRICAL CHARACTERISTICS	REMARKS
EF-1	GREENHECK	-	-	-	120 VAC	-
EF-2	GREENHECK	-	-	-	120 VAC	-
EF-3	GREENHECK	-	-	-	120 VAC	-

REMARKS:
1. SLOPED ROOF CURB.
2. AUTOMATIC DAMPER.
3. SPEED SWITCH.
4. DISCONNECT SWITCH.
5. BIRD SCREEN
6. INLINE FAN
7. NEOPRENE RUBBER ISOLATORS FOR SUSPENSION MOUNT.

ELECTRIC HEATER SCHEDULE

MARK	MFR	MODEL	CFM	KW	ELEC	MBH	AMPS	SIZE	REMARKS
ECH-1	TRANE	UHCA		3.0	208/1 VAC	10.2	14.4	22.5 X 22.5 9.125"	1, 2, 3, 4
ECH-2	BERKO	CP751F		.75	120/1 VAC	2.6	6.3	24" X 48"	1, 3, 4, 5

REMARKS:
1 - 24 V THERMOSTAT AND TRANSFORMER.
2 - CONCENTRIC RING DIFFUSER.
3 - DISCONNECT SWITCH.
4 - RECESS MOUNT.
5 - RADIANT PANEL.

CONDENSING UNIT SCHEDULE

MARK	MFR	MODEL	TOTAL MBH	SENS MBH	SEER	LINE SIZE*		ELEC	MCA	MCOP	REMARKS
						SUCTION	LIQUID				
CU-1	TRANE	4TTR4	18		14			208/1 VAC			
CU-2	TRANE	4TTR4	30		14			208/1 VAC			
CU-3	TRANE	4TTR4	24		14			208/1 VAC			
CU-4	TRANE	4TTR4	18		14			208/1 VAC			
CU-5	TRANE	4TTR4	18		14			208/1 VAC			
CU-6	TRANE	4TTR4	18		14			208/1 VAC			
CU-7	TRANE	4TTR4	18		14			208/1 VAC			
CU-8	TRANE	4TTR4	24		14			208/1 VAC			
CU-9	TRANE	4TTR4	24		14			208/1 VAC			
CU-10	TRANE	4TTR4	18		14			208/1 VAC			
CU-11	TRANE	4TTR4	36		14			208/1 VAC			
CU-12	TRANE	4TTR4	36		14			208/1 VAC			

REMARKS:
1 -

* VERIFY SIZE WITH MFR

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MECHANICAL SCHEDULES

TreanorHL NO. HP0559.1901.00

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ROOFTOP UNIT SCHEDULE

MARK	MFR	MODEL	NOM. TONS	CFM	OA CFM*	MOTOR HP	ESP	TSP	COOLING CAPACITY						GAS HEATING CAPACITY		ELEC			EER	IEER	COMP	WEIGHT	REMARKS
									TOTAL	SENS	EAT	LAT		AMB			VOLTS	MCA	MOCP					
RTU-1	TRANE	4YCC	2	600	230						75/63			105			208/1						460	1
RTU-2	TRANE	4YCC	2	600	85						75/63			105			208/1						460	1
RTU-3	TRANE	4YCC	3.5	1400	160						75/63			105			208/1						560	1
RTU-4	TRANE	4YCC	2.5	1000	85						75/63			105			208/1						480	1
RTU-5	TRANE	4YCC	2.5	1000	70						75/63			105			208/1						480	1

REMARKS:

1 - ROOF CURB
2 -
3 -
4 -
5 -
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7 -
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15 -
16 -
17 -

DEDICATED OUTSIDE AIR UNIT WITH ENERGY RECOVERY

MARK	MFR	MODEL	SUPPLY FAN			EXHAUST FAN			COOLING CAPACITY						HEATING CAPACITY					ENERGY RECOVERY WHEEL (RELEIF AIR)			ENERGY RECOVERY (FRESH AIR)					ELEC			COMP	WEIGHT	REMARKS
			CFM	ESP	HP	CFM	ESP	HP	TOTAL (MBH)	SENS (MBH)	EAT	LAT	REHEAT (MBH)	AMP	INPUT	OUTPUT	CFM	EAT	LAT	CFM	SUMMER EAT	WINTER EAT	CFM	SUMMER EAT	SUMMER LAT	WIN EAT	WIN LAT	VOLTS/PHASE	MCA	MOCP			
DOAS - 1	TRANE	OAB0072	1800	1.5	4.1	1800	1.5	4.1						105			1800			1800	74/62	72/55	1800	100/75		-10		208/3			DIGITAL SCROLL		1-16

REMARKS:

1 - ROOF CURB.
2 - MODULATING HOT GAS REHEAT.
3 - ERV WHEEL.
4 - NAT GAS HEAT.
5 - DISCHARGE AIR TEMP AND HUMIDITY CONTROL.
6 - VARIBLE SPEED FAN MOTORS.
7 - VARIBLE SPEED COMPRESSOR.
8 - STAINLESS STEEL DRAIN PAN.
10 - 2" DOUBLE WALL CONSTRUCTION.
11 - STIANLESS STEEL FURNACE.
12 - MERV 8 FILTERS.
13 - HORIZONTAL SUPPLY AIR.
14 - HORIZONTAL RETURN AIR.
15 - NON-FUSED DISCONNECT
16 - POWERED OUTLET

SYSTEM INDOOR UNIT SCHEDULE

MARK	MFR	MODEL	CFM	O/A CFM*	COOLING CAPACITY					HEATING CAPACITY			ELEC	MCA	MCOP	REMARKS
					TOTAL	SENS	MIN	EAT	AMB	TOTAL	EAT	AMB				
DSS-1	TRANE	TPKA0A0241KA70A			24000		10000	75	95	18300	70	17	208/1 VAC		15	2, 3, 5
DSS-2	TRANE	TPLA0A0121EA70A			12000		5800	75	95	12200	70	17	208/1 VAC		15	2, 3, 6
AHU-1	TRANE	TPVA0A0301AA70A			30000		14800	75	95	25600	70	-13	208/1 VAC		15	1 - 4

REMARKS:

1 - HORIZONTAL AIR-HANDLING UNIT, HEAT PUMP SYSTEM.
2 - 16.0 SEER.
3 - WALL MOUNTED CONTROLLER.
4 - 8 KW ELECTRIC HEATER.
5 - WALL MOUNTED UNIT.
6 - CEILING CASSETTE.

* AIR DELIVERED FROM DOAS-1 AT 70 DEGREES AND 50% RH

HOT WATER BOILER SCHEDULE

MARK	MFR	MODEL	MBH			ELEC	INTAKE SIZE	VENT SIZE	EWT	LWT	GPM	PD FT HD	REMARKS
			INPUT	OUTPUT	TURNDOWN								
B-1/B-2	LOCHINVAR	KHB285N	285	264	10:1	120/1	3"	3"	160	180	27	2.4	1 - 5

REMARKS:

1 - CONCETRIC VENT KIT
2 - CONDENSATE KIT
3 - SEALED COMBUSTION
4 - 50 PSI RELEIF VALVE
5 - BOILER CIRCULATOR PUMP

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

MARK	MFR	MODEL	TOTAL MBH	AMB		LINE SIZE*		ELEC	COMP FLA	FAN WATTS	MCA	MCOP	REMARKS
						SUCTION	LIQUID						
DSSCU-1	TRANE	TRUZA0241HA70NA	24000	95		1/2"	1/4"	208/1 VAC	7	86	19	25	1 - 3
DSSCU-2	TRANE	TRUZA0121KA70NA	12000	95		1/2"	1/4"	208/1 VAC	7	46	11	15	
DSSCU-3	TRANE	TRUZH0301KA00NA	30000	95		5/8"	3/8"	208/1 VAC	24	2 @ 74	24	40	1 - 3

REMARKS:

1 - WALL MOUNTED CONTROLLER.
2 - FIELD INSTALLED HAIL GUARD FURNISHED BY VENDOR, INSTALLED BY CONTRATOR.
3 - LOW AMBIENT WIND BAFFLE

* VERIFY SIZE WITH MFR

PUMP SCHEDULE

MARK	MFR	MODEL	GPM	HEAD FT. W.C.	ELEC	RPM	% EFF	SERVES	REMARKS
HWP-1/HWP-2	B & G	E-80-1.5 X 1.5 X 9.5B	54	60	208/3 3 HP	1750	52	HOT WATER	1 - 3

REMARKS:

1 - CAST IRON BODY
2 - INLINE PUMP
3 - FLANGE SUPPORT MOUNTING

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MP103

MECHANICAL SCHEDULES

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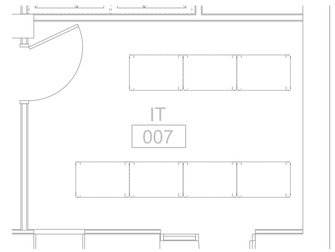
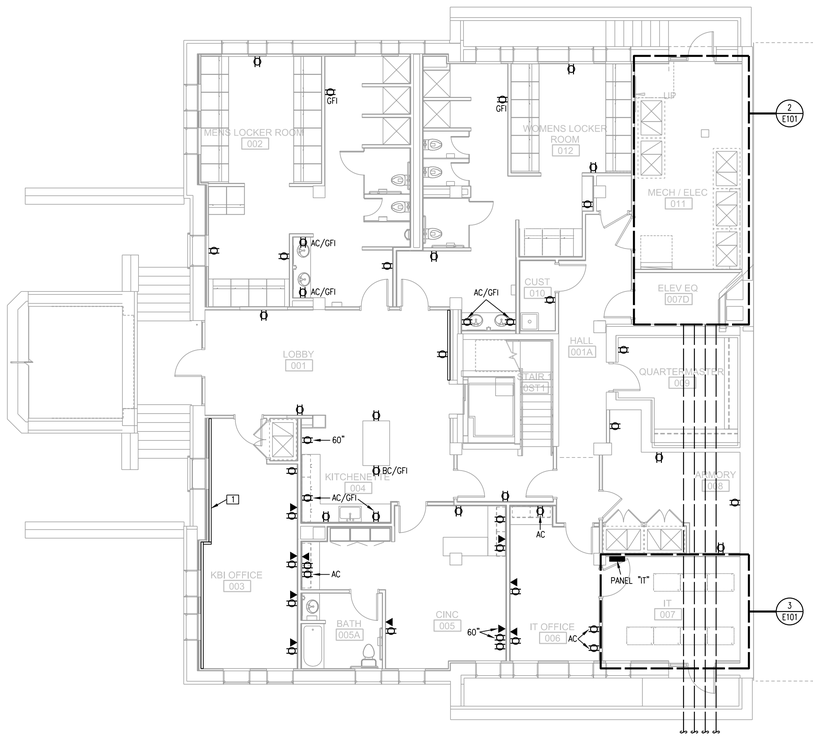
LSA PROJECT NO. 2102034



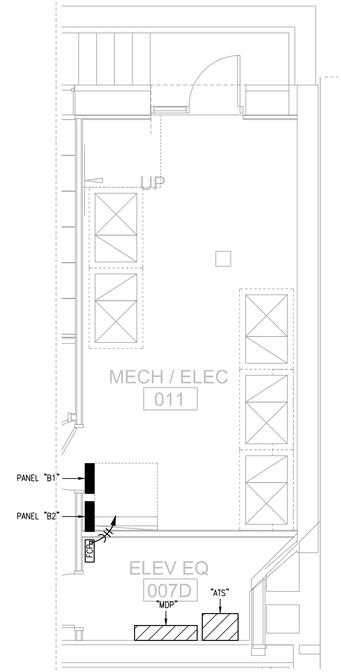
3 PARTIAL BASEMENT PLAN
1/4"=1'-0" POWER

NORTH



1 BASEMENT PLAN
1/8"=1'-0" POWER

NORTH



2 PARTIAL BASEMENT PLAN
1/4"=1'-0" POWER

NORTH

NOTES:

1. X

LEGEND:

1 DUAL COMPARTMENT STEEL RACEWAY. FIELD PAINT.

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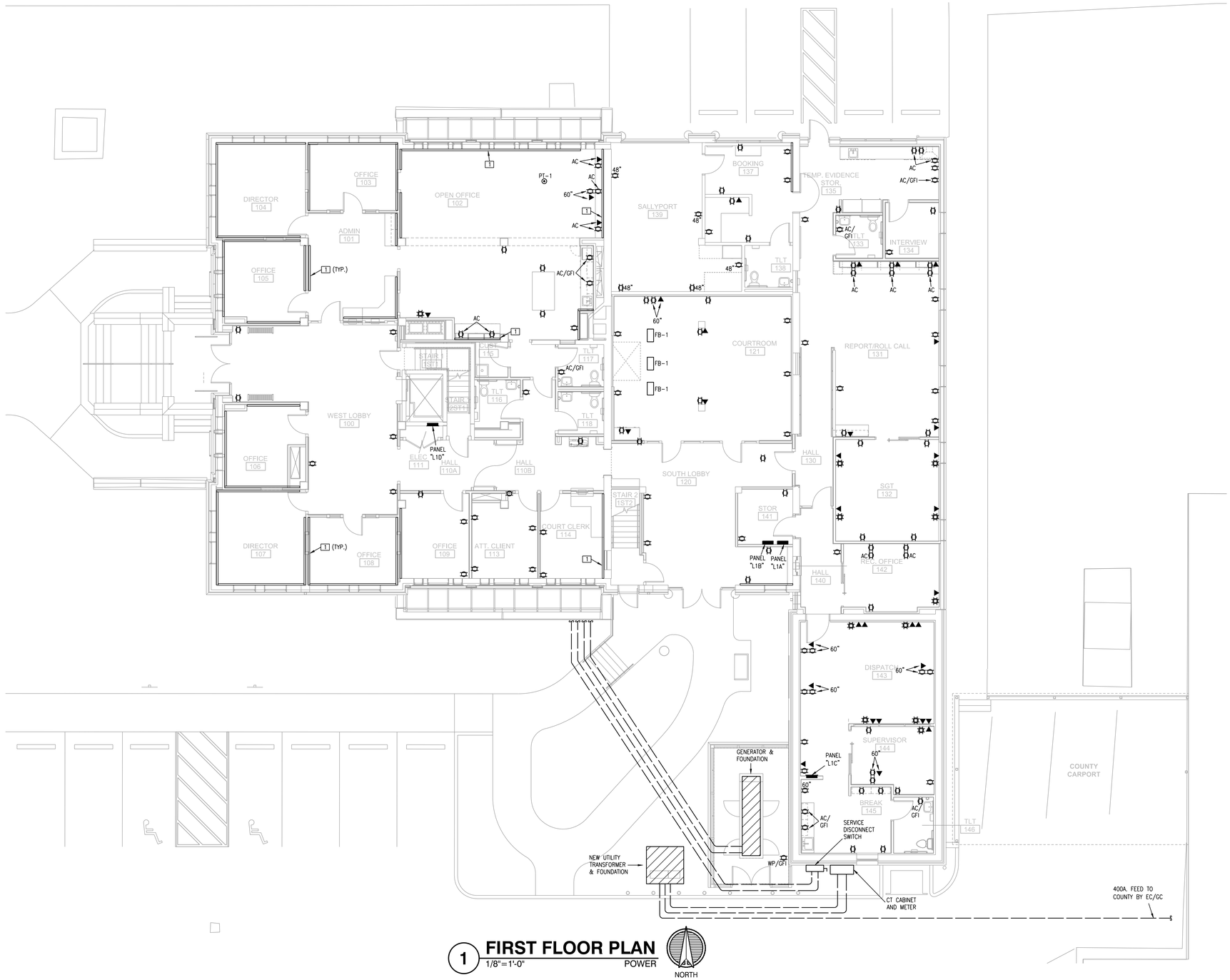
LSA PROJECT NO. 2102034

E101

BASEMENT PLAN - POWER

TreanorHL NO. HP0559.1901.00



1 FIRST FLOOR PLAN

1/8"=1'-0" POWER

NORTH

NOTES:

1. X

LEGEND:

[1] DUAL COMPARTMENT STEEL RACEWAY. FIELD PAINT.

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FIRST FLOOR PLAN - POWER

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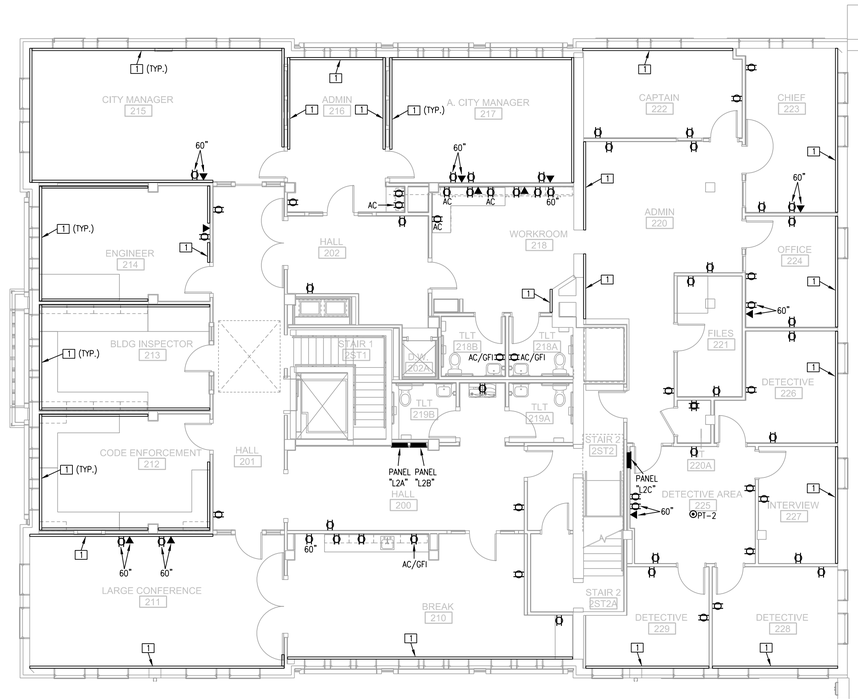
LSA PROJECT NO. 2100304

NOTES:
1. X

LEGEND:
1 DUAL COMPARTMENT STEEL RACEWAY. FIELD PAINT.



1 SECOND FLOOR PLAN

1/8"=1'-0" POWER

NORTH

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CITY OF INDEPENCENCE, KANSAS
CITY HALL RENOVATION

120 N. 6TH STREET
INDEPENDENCE, KANSAS 67301

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Issued For: 100CD

Date: 01/28/21

REVISIONS

NO	DESCRIPTION	DATE

E103

SECOND FLOOR PLAN - POWER

TreanorHL NO. HP0559.1901.00

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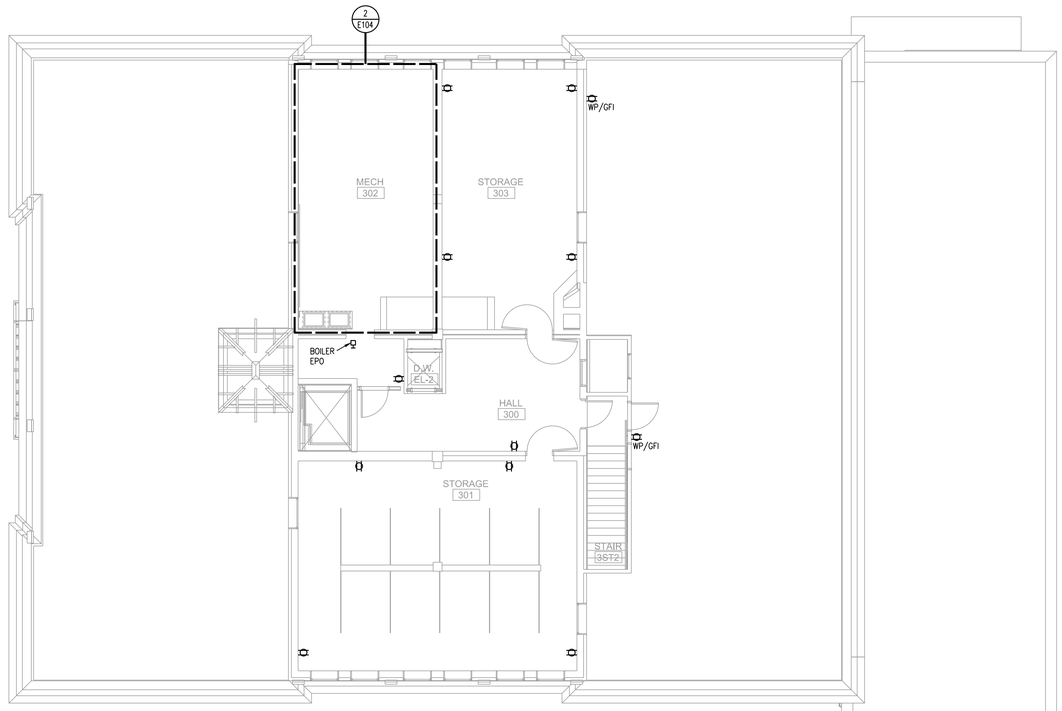
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: lsapa@lsapa.com
LSA PROJECT NO. 2102034

NOTES:
1. X

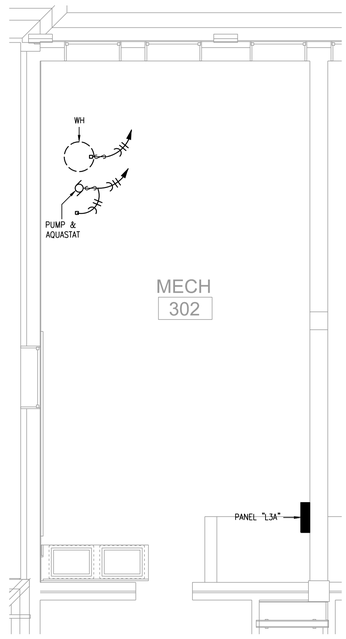
LEGEND:
1 DUAL COMPARTMENT STEEL RACEWAY. FIELD PAINT.



1 THIRD FLOOR PLAN

1/8"=1'-0" POWER

NORTH



2 PARTIAL THIRD FLOOR PLAN

1/4"=1'-0" POWER

NORTH

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REVISIONS

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E104

THIRD FLOOR PLAN - POWER

TreanorHL NO. HP0559.1901.00

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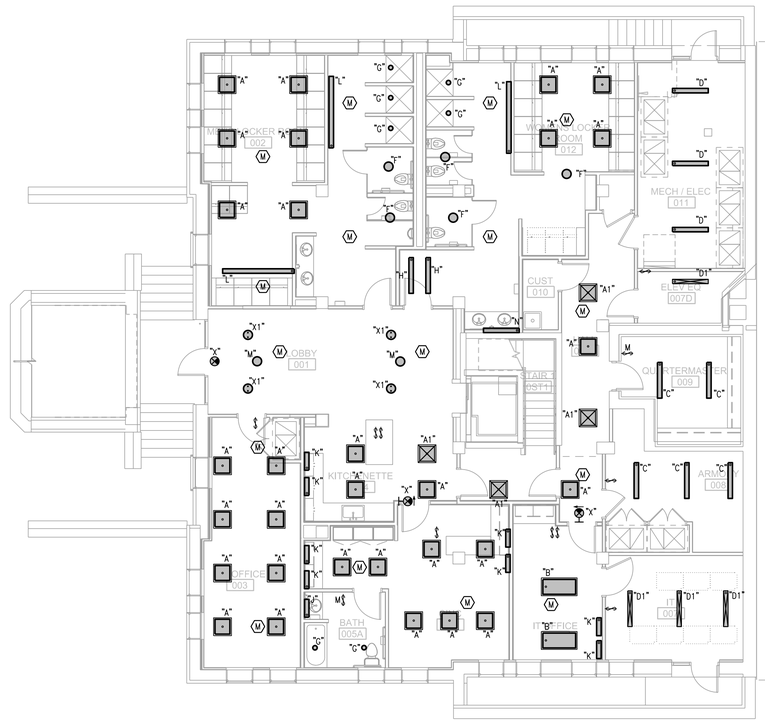
LSA PROJECT NO. 2102034



1 BASEMENT PLAN

1/8"=1'-0" LIGHTING

NORTH

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E201

BASEMENT PLAN - LIGHTING

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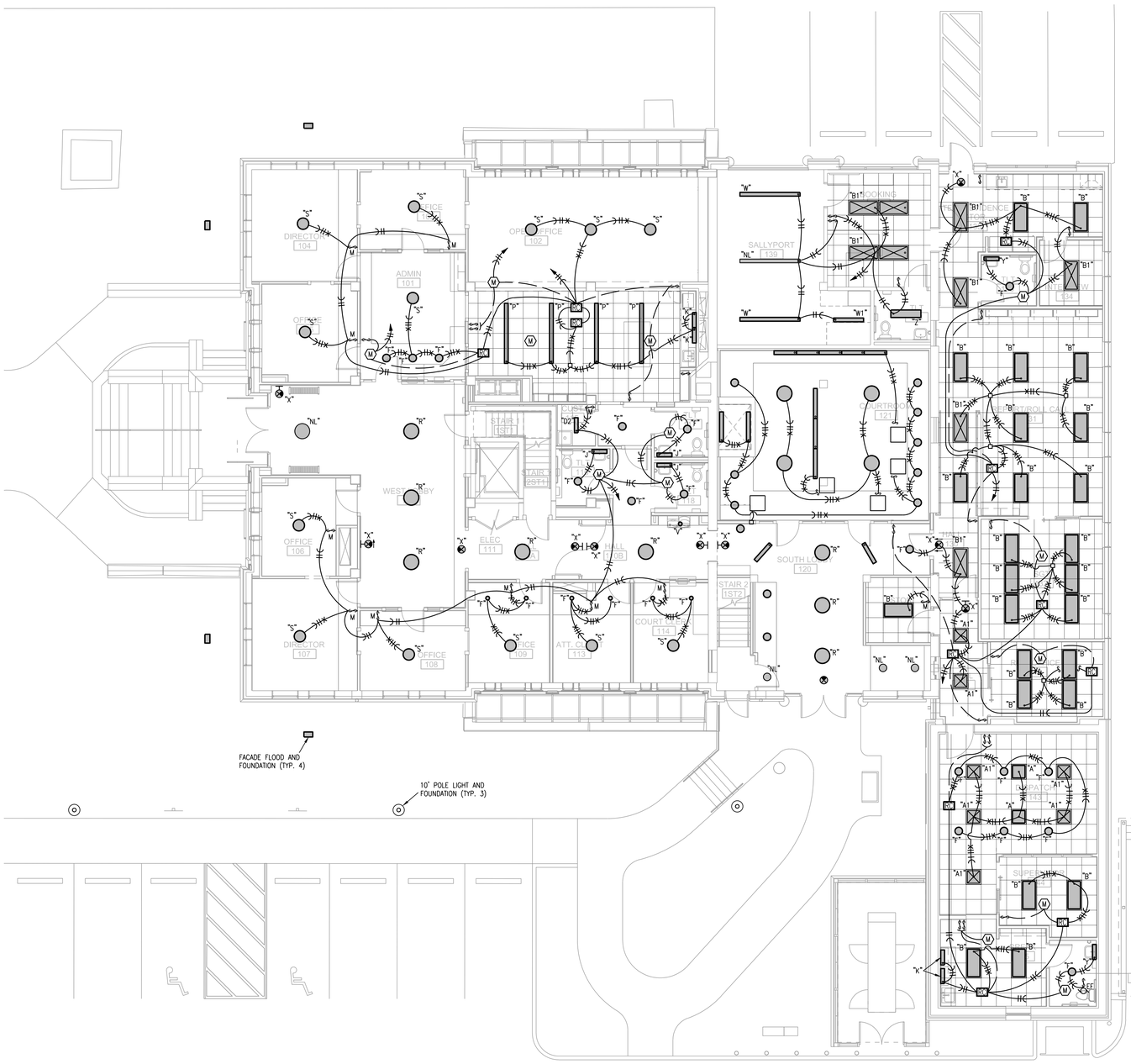
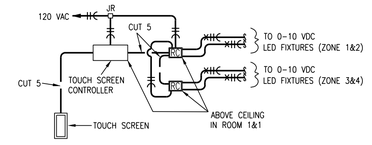
LSA PROJECT NO. 2102034



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

NORTH



2 COURT ROOM LIGHTING CONTROL
NO SCALE DETAIL

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NO	DESCRIPTION	DATE

E202

FIRST FLOOR PLAN - LIGHTING

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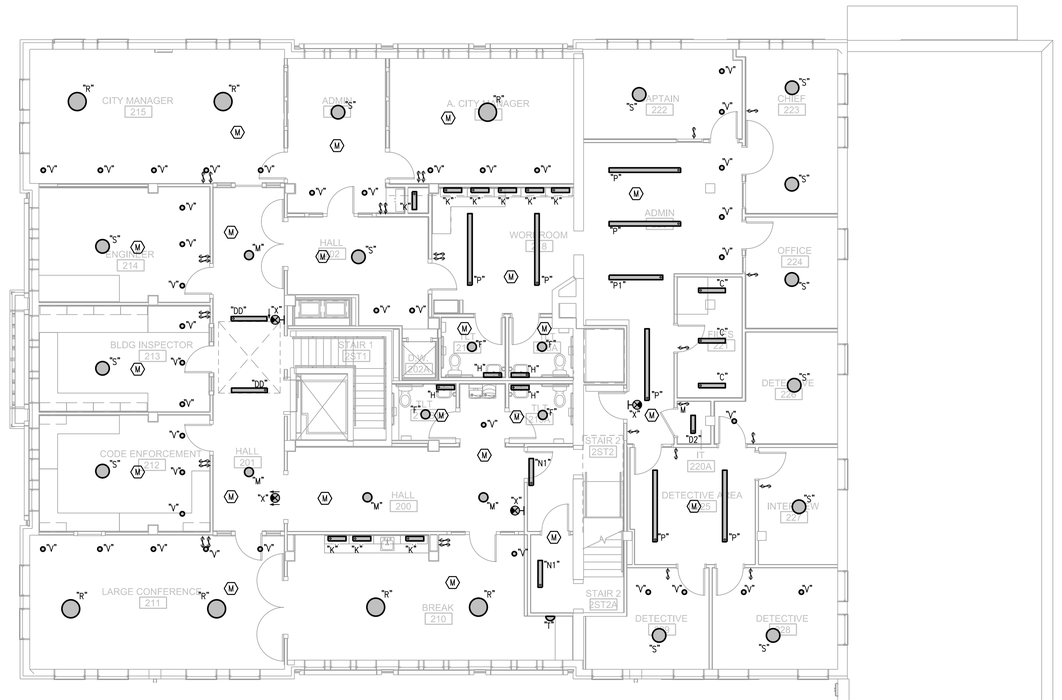
LSA PROJECT NO. 2102034



1 **SECOND FLOOR PLAN**
1/8"=1'-0" LIGHTING

NORTH

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E203

SECOND FLOOR PLAN - LIGHTING

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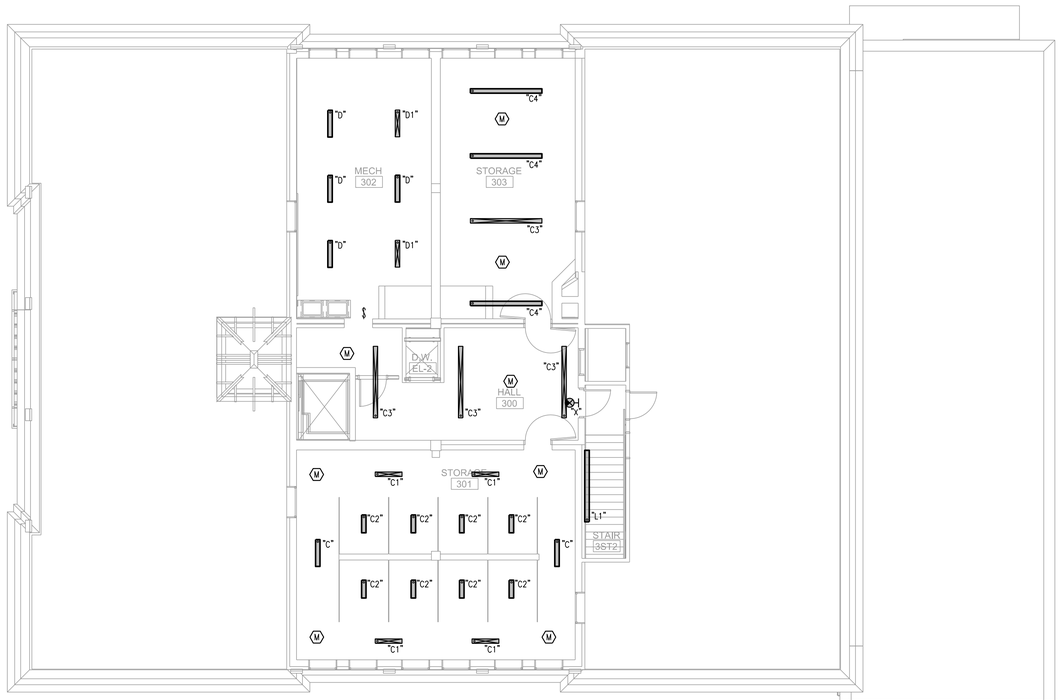
LSA PROJECT NO. 2102034



1 THIRD FLOOR PLAN

1/8"=1'-0" LIGHTING

NORTH

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REVISIONS

NO	DESCRIPTION	DATE

E204

THIRD FLOOR PLAN - LIGHTING

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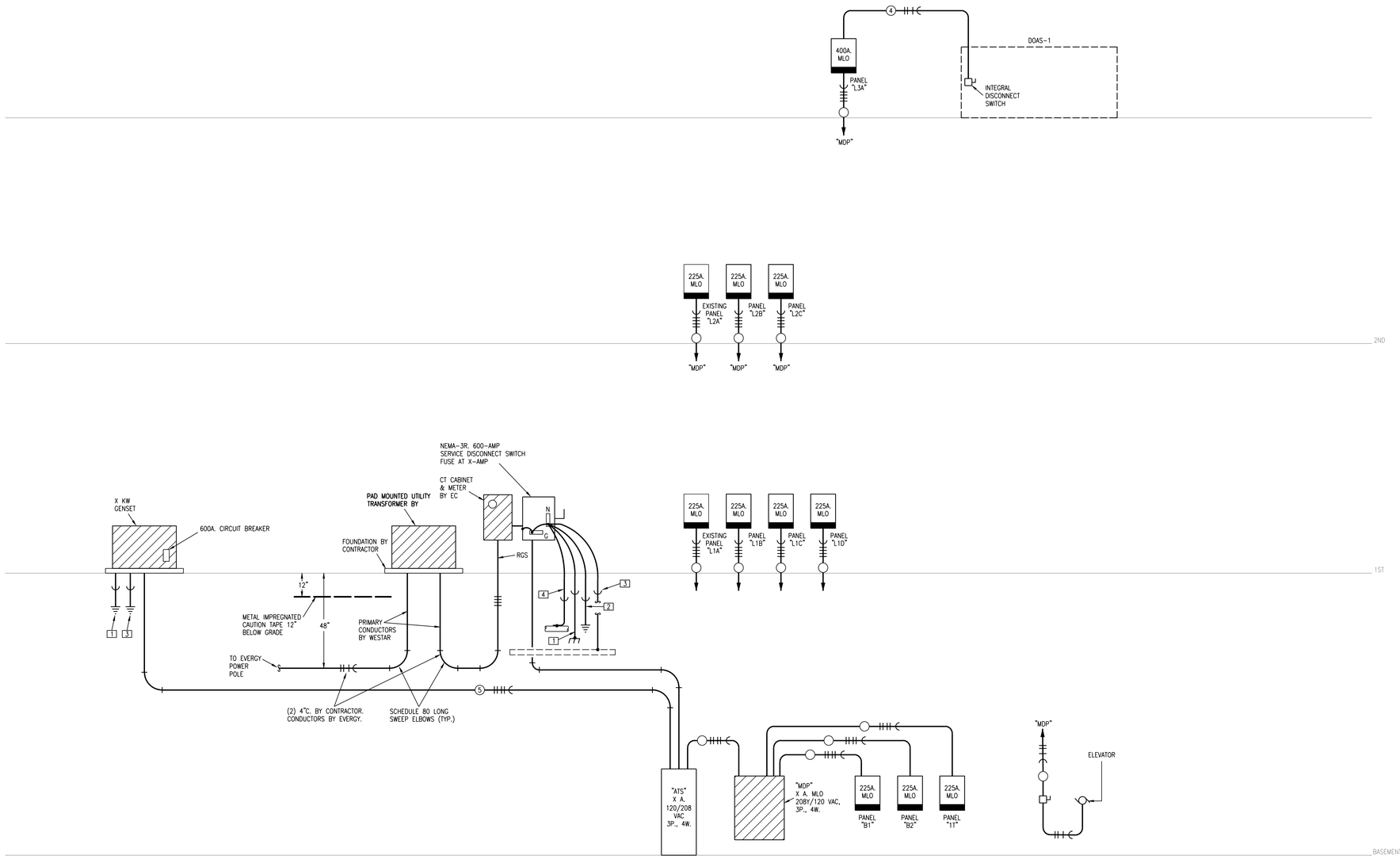
LSA PROJECT NO. 2100304

GROUNDING LEGEND:
1 2/0 GRD. TO (3) 3/4"x10'-0" LONG GROUND RODS.
2 2/0 GRD. TO BUILDING STEEL.
3 2/0 GRD. TO CONCRETE ENCASED ELECTRODE.
4 2/0 GRD. TO UNDERGROUND METAL WATER PIPE.

FEEDER SCHEDULE			
MARK	WIRE	CONDUIT	SETS
①	(4) 350 KCM & #2/0 GRD.	(2) 3"	2
②	(4) #4/0 & (1) #4 GRD.	2 1/2"	1
③	(2) #1 & (1) #8 GRD.	1 1/4"	1
④	(3) #4 & (1) #10 GRD.	1 1/4"	1
⑤	(4) 350 KCM & #2/0 GRD.	(2) 3"	2



1 ELECTRICAL RISER DIAGRAM
NO SCALE

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REVISIONS

NO	DESCRIPTION	DATE

E301

ELECTRICAL DISTRIBUTION RISER DIAGRAM

TreanorHL NO. HP0559.1901.00

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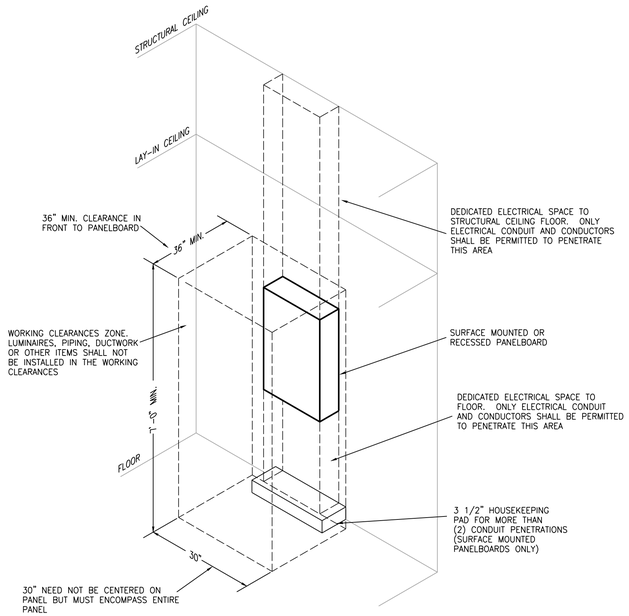
LSA PROJECT NO. 2102034



NOTE:
COORDINATE ALL WORK WITH OTHER TRADES. MAINTAIN ALL OTHER NEC CLEARANCES AND REQUIREMENTS.

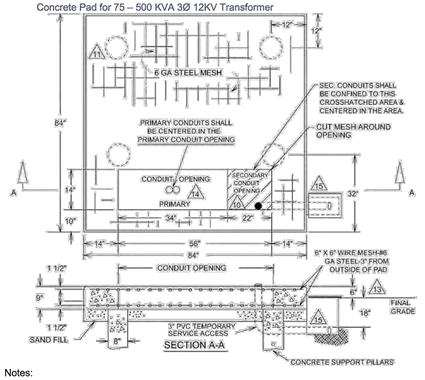
1 TYPICAL PANELBOARD INSTALLATION DETAIL

NO SCALE

evergy

10.33 – Three Phase Transformer Pads (EKC Territory)

Concrete Pad for 75 – 500 KVA 3Ø 12KV Transformer



Notes:

1. Pad location shall be approved by the Company.
2. Transformer shall be installed near the customer's service entrance.
3. If transformer pad is installed in an area subject to vehicular traffic, the installation shall be protected with a pipe-rail guard.
4. For proper clearance around the transformer, refer to associated drawings in this section.
5. Contractor shall extend forms down at least 3" below average ground line.
6. Concrete shall be a minimum of 3,000 lb. mix.
7. Top of the transformer pad shall receive a smooth trowel finish. Corners and edges shall be rounded or beveled
8. Conduit opening shall be free and clear of concrete.
9. Tops of conduits shall be flush with the top of the concrete pad.
10. Number of conduits necessary is dependent on the maximum number of service conductors allowed in the low-voltage compartment of the transformer. Install 1 ¼"

91

Revision: 11/15/19

2 TRANSFORMER FOUNDATION DETAIL

NO SCALE

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REVISIONS

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E302

ELECTRICAL DETAILS

TreanorHL NO. HP0559.1901.00

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LSA PROJECT NO. 2100304

PANELBOARD SCHEDULE

PANEL NO.: "B1" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
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.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
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.	–			.	19 20	.	–			.
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.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "B2" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
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.			–	.	17 18	.			–	.
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.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: IT | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L1A" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
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.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L1B" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L1C" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L1D" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L2A" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

PANELBOARD SCHEDULE

PANEL NO.: "L2B" | LOCATION: . | KAIC: .
PANEL TYPE: NQOD | VOLTS: 120/208 | PHASE: 3 | WIRE: 4 | MAINS: .

DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP		C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1 2	.	–			.
.		–		.	3 4	.		–		.
.			–	.	5 6	.			–	.
.	–			.	7 8	.	–			.
.		–		.	9 10	.		–		.
.			–	.	11 12	.			–	.
.	–			.	13 14	.	–			.
.		–		.	15 16	.		–		.
.			–	.	17 18	.			–	.
.	–			.	19 20	.	–			.
.		–		.	21 22	.		–		.
.			–	.	23 24	.			–	.
.	–			.	25 26	.	–			.
.		–		.	27 28	.		–		.
.				.	29 30	.			–	.
.				.	31 32	.				.
.				.	33 34	.				.
.				.	35 36					.
.				.	37 38					.
.				.	39 40					.
.				.	41 42					.
CONNECTED LOAD	–	–	–				–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
① .

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Issued For: 100CD

Date: 01/28/21

REVISIONS

NO	DESCRIPTION	DATE

E303

ELECTRICAL SCHEDULES

TreanorHL NO. HP0559.1901.00

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LSA PROJECT NO. 2102034

PANELBOARD SCHEDULE

PANEL NO.: "L2C"				LOCATION: .						KAIC: .		
PANEL TYPE: NQOD				VOLTS: 120/208		PHASE: 3			WIRE: 4	MAINS: .		
DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP			C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1	2	.	–			.
.		–		.	3	4	.		–		.
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.	–			.	7	8	.	–			.
.		–		.	9	10	.		–		.
.			–	.	11	12	.			–	.
.	–			.	13	14	.	–			.
.		–		.	15	16	.		–		.
.			–	.	17	18	.			–	.
.	–			.	19	20	.	–			.
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.			–	.	23	24	.			–	.
.	–			.	25	26	.	–			.
.		–		.	27	28	.		–		.
.				.	29	30	.			–	.
.				.	31	32	.				.
.				.	33	34	.				
.				.	35	36	.				.
.				.	37	38	.				.
.				.	39	40	.				.
.				.	41	42	.				.
CONNECTED LOAD	–	–	–					–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
①.

PANELBOARD SCHEDULE

PANEL NO.: "L3A"				LOCATION: .						KAIC: .		
PANEL TYPE: NQOD				VOLTS: 120/208		PHASE: 3			WIRE: 4	MAINS: .		
DESCRIPTION	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	C/B TRIP			C/B TRIP	WATTS/PHASE A	WATTS/PHASE B	WATTS/PHASE C	DESCRIPTION
. ①	–			.	1	2	.	–			.
.		–		.	3	4	.		–		.
.			–	.	5	6	.			–	.
.	–			.	7	8	.	–			.
.		–		.	9	10	.		–		.
.			–	.	11	12	.			–	.
.	–			.	13	14	.	–			.
.		–		.	15	16	.		–		.
.			–	.	17	18	.			–	.
.	–			.	19	20	.	–			.
.		–		.	21	22	.		–		.
.			–	.	23	24	.			–	.
.	–			.	25	26	.	–			.
.		–		.	27	28	.		–		.
.				.	29	30	.			–	.
.				.	31	32	.				.
.				.	33	34	.				
.				.	35	36	.				.
.				.	37	38	.				.
.				.	39	40	.				.
.				.	41	42	.				.
CONNECTED LOAD	–	–	–					–	–	–	CONNECTED LOAD

PHASE LOADS

PHASE	WATTS CONNX.	WATTS DIV'SD.	AMPERES CONNX.	AMPERES DIV'SD.
A	–	–	–	–
B	–	–	–	–
C	–	–	–	–

REMARKS

CONNECTED LOAD – .
DIVERSIFIED LOAD – .
①.

CIRCUIT BREAKER DISTRIBUTION PANELBOARD SCHEDULE

MARK: "MDP"

MANUFACTURER: SQUARE D I-LINE
.

CLASS: . , BUS BRACING: 35,000 A.I.C.
208/1 VOLTS, 3 PHASE, 4 WIRE
X AMP MAIN BUS, (UL) GRD. BUS

UNIT NO.	LOAD EQUIPMENT SERVED	FLA	TRIP AMP	TRIP POLE	NOTES
1	DOAS-1	X	60	3	
2	X	X	100	2	
3	PANEL	X	200	3	
4	PANEL	X	200	3	
5	PANEL	X	200	3	
6	PANEL	X	200	3	
7	PANEL	X	200	3	
8	X	X	X	X	
9	X	X	X	X	
10	SPARE		200	3	
11	X	X	X	X	
12	X	X	X	X	
13	X	X	X	X	
14	X	X	X	X	
15	X	X	X	X	

CONNECTED LOAD – ### KVA
DIVERSIFIED LOAD – ### KVA

LIGHT FIXTURE SCHEDULE

MARK	MFR	MODEL	DESCRIPTION	APPLICATION RECESS	APPLICATION SURFACE	APPLICATION WALL	CEILING	FINISH	LED LUMENS	LED CRI	LED COLOR TEMP	LED WATTS	REMARKS
A	WILLIAMS		2' X 2' TROFFER	X			SEE ARCH PLANS				3500		
A1	WILLIAMS		2' X 2' TROFFER	X			SEE ARCH PLANS				3500		1
B	WILLIAMS		2' X 4' TROFFER	X			SEE ARCH PLANS				3500		
B1	WILLIAMS		2' X 4' TROFFER	X			SEE ARCH PLANS				3500		1
C	WILLIAMS		4' STRIP		X		SEE ARCH PLANS				3500		
C1	WILLIAMS		4'STRIP		X		SEE ARCH PLANS				3500		1
C2	WILLIAMS		2' STRIP		X		SEE ARCH PLANS				3500		
C3	WILLIAMS		8' STRIP		X		SEE ARCH PLANS				3500		1
C4	WILLIAMS		8' STRIP		X		SEE ARCH PLANS				3500		
D	WILLIAMS		4' STRIP				SEE ARCH PLANS				3500		3
D1	WILLIAMS		4' STRIP				SEE ARCH PLANS				3500		1, 3
D2	WILLIAMS		2' STRIP				SEE ARCH PLANS				3500		3
F	WILLIAMS		6" CAN	X			SEE ARCH PLANS				3500		
G	WILLIAMS		6" SHOWER CAN	X			SEE ARCH PLANS				3500		4
H			4' VANITY				SEE ARCH PLANS				3500		
J			2' VANITY				SEE ARCH PLANS				3500		
K	WILLIAMS		2' UC				SEE ARCH PLANS				3500		
L	FINELIGHT		8' LINEAR WALL MOUNT			X					3500		
L1	FINELIGHT		8' LINEAR WALL MOUNT			X					3500		1
M			12" DECO PENDANDT		X		SEE ARCH PLANS				3500		
N	FINELIGHT		4' LINEAR WALL MOUNT		X						3500		
N1	FINELIGHT		4' LINEAR WALL MOUNT		X						3500		1
P	FINELIGHT		8' LINEAR RECESSED	X			SEE ARCH PLANS				3500		
P1	FINELIGHT		6' LINEAR RECESSED	X			SEE ARCH PLANS						
R			24" DECO PENDANT		X		SEE ARCH PLANS				3500		
S			18" DECO PENDANT		X		SEE ARCH PLANS				3500		
T			SCONCE			X					3500		
V	WILLIAMS		4" CAN	X			SEE ARCH PLANS				3500		
W	WILLIAMS		8' GARAGE STRIP		X		SEE ARCH PLANS				4000		
W1	WILLIAMS		4' GARAGE STRIP		X		SEE ARCH PLANS				4000		
Y	WILLIAMS		2' VANITY			X					3500		
Z	LUMINARE LED		VANDAL WRAP		X		SEE ARCH PLANS				3500		
AA			VENT SHAFT FIXTURE			X					3500		
BB	WILLIAMS		6" CAN COURT ROOM		X		SEE ARCH PLANS				3500		
CC	WILLIAMS		6" CYLINDER		X		SEE ARCH PLANS				4000		
DD			SKYLIGHT FIXTURE		X								
X	MULE		EXIT SIGN		X	X	SEE ARCH PLANS	WHITE					1
X1	DUAL LITE	EV4R	EMERGENCY LOBBY	X			SEE ARCH PLANS	WHITE					1

REMARKS:

1 - BATTERY.
2 - DIMMING DRIVER.
3 - WIRE GUARD
4 - SHOWER TRIM.
5 - Y-HANGERS
6 -
7 -
8 -
9 -
10 -
11 -
12 -

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Date: 01/28/21

REVISIONS

NO	DESCRIPTION	DATE

E304

ELECTRICAL SCHEDULES

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