

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

810 NW 8th Avenue, Gainesville, FL / Tax Parcel No. 09441-000-000



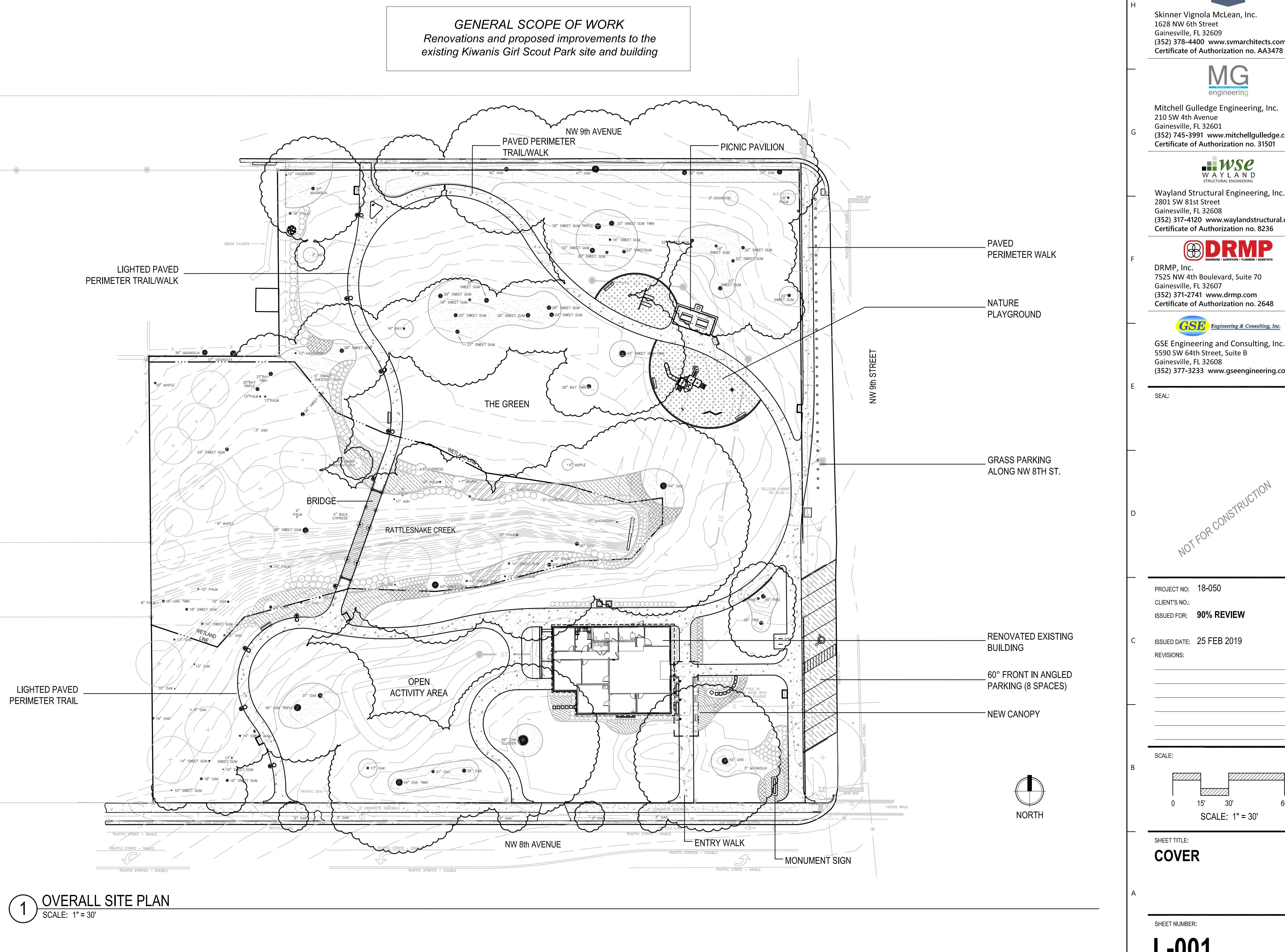
CITY OF GAINESVILLE WILD SPACES & PUBLIC PLACES

PO Box 490, Station 24
Gainesville, FL 32627-0490
(352) 393-8187

Director: Ms. Betsy Waite, PE

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KIWANIS GIRL
SCOUT PARK
IMPROVEMENTS

City of Gainesville
WSPP

MANLEY DESIGN
Landscape Architecture • Site Planning

Manley Design, LLC
224 NW 2nd Avenue, Suite E
Gainesville, Florida 32601
(352) 363-7412 www.manleydesign.net
Certificate of Authorization no. LC26000575



Skinner Vignola McLean, Inc.
1628 NW 6th Street
Gainesville, FL 32609
(352) 378-4400 www.svmaarchitects.com
Certificate of Authorization no. AA3478



Mitchell Gulledge Engineering, Inc.
210 SW 4th Avenue
Gainesville, FL 32601
(352) 745-3991 www.mitchellgulledge.com
Certificate of Authorization no. 31501



Wayland Structural Engineering, Inc.
2801 SW 81st Street
Gainesville, FL 32605
(352) 317-4120 www.waylandstructural.com
Certificate of Authorization no. 8236



DRMP, Inc.
7525 NW 4th Boulevard, Suite 70
Gainesville, FL 32607
(352) 371-2741 www.drmrmp.com
Certificate of Authorization no. 2648



GSE Engineering and Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, FL 32608
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SEAL:

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SCOUT PARK
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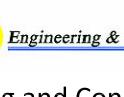
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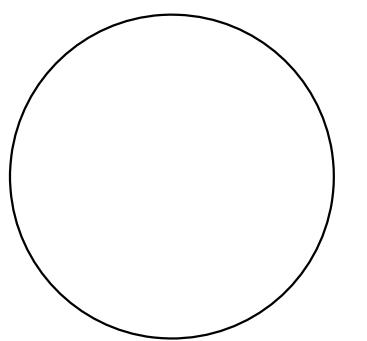


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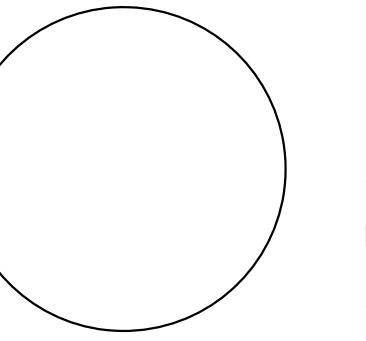
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MANLEY DESIGN, LLC
224 NW 2nd AVENUE, SUITE E
GAINESVILLE, FL 32601
CERTIFICATE OF AUTHORIZATION NO. 26000575
C. ELISABETH MANLEY, PLA NO. 6666722

THE ABOVE NAMED REGISTERED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011 F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-001	COVER
L-002	SIGNATURE SHEET
L-101	GENERAL NOTES
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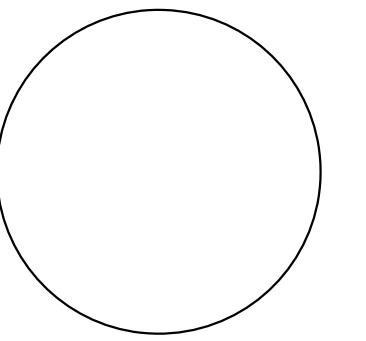
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DEGROVE SURVEYORS, INC.
605 NW 53rd AVENUE, SUITE A11a
GAINESVILLE, FL 32209
CERTIFICATE OF AUTHORIZATION NO. XXXXXX
THOMAS P. TRACZ, P.S.M. NO. 6039

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-002	SIGNATURE SHEET
SURVEY 1 of 2	PROJECT SURVEY
SURVEY 2 of 2	PROJECT SURVEY

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



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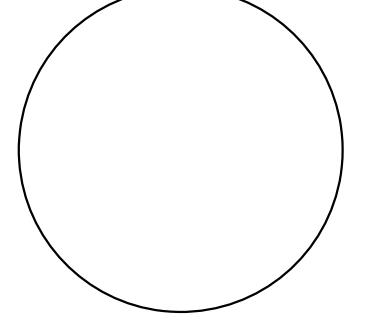
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SKINNER VIGNOLA McLEAN, INC.
1628 NW 6th STREET
GAINESVILLE, FL 32609
CERTIFICATE OF AUTHORIZATION NO. AA3478
HOWARD J. McLEAN, JR., AIA NO. AR0014129

THE ABOVE NAMED REGISTERED ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G1-16.005, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-002	SIGNATURE SHEET
LS1.0	LIFE SAFETY PLAN
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A5.0	PROPOSED SECTIONS - WALL
A6.0	PROPOSED - H / J / S DETAILS
A7.0	PROPOSED - DETAIL

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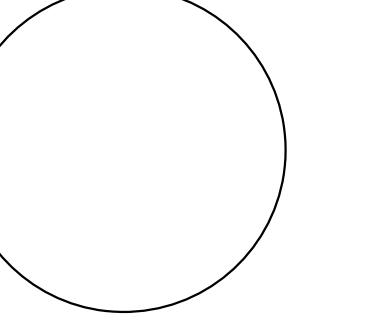
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MITCHELL GULLEDGE ENGINEERING, INC.
210 SW 4th AVENUE
GAINESVILLE, FL 32601
CERTIFICATE OF AUTHORIZATION NO. 31501
ANDREW McCADDIN, P.E. NO. 83318

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-002	SIGNATURE SHEET
M-001	MECHANICAL LEGEND, CODES, AND ABBREVIATIONS
M-101	MECHANICAL FLOOR PLAN - DEMOLITION
M-102	MECHANICAL FLOOR PLAN
P-001	PLUMBING LEGEND, CODES, AND ABBREVIATIONS
P-101	PLUMBING FLOOR PLAN - DEMOLITION
P-102	PLUMBING FLOOR PLAN - DOMESTIC WATER
P-103	PLUMBING FLOOR PLAN AND RISER - VENT AND WASTE
E-001	ELECTRICAL LEGEND, CODES, AND ABBREVIATIONS
E-100	ELECTRICAL SITE PLAN
E-101	ELECTRICAL FLOOR PLAN - DEMOLITION
E-110	ELECTRICAL FLOOR PLAN - POWER
E-120	ELECTRICAL CEILING PLAN - LIGHTING
E-201	ELECTRICAL SINGLE LINE DIAGRAM & SCHEDULES

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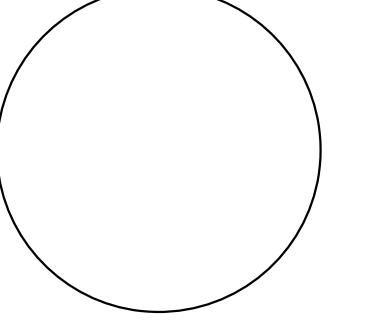
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WSE WAYLAND STRUCTURAL ENGINEERING, INC.
2801 SW 81st STREET
GAINESVILLE, FL 32608
CERTIFICATE OF AUTHORIZATION NO. 8236
GREG WAYLAND, P.E. NO. 54396

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-002	SIGNATURE SHEET
S1	TYPICAL BRIDGE DETAILS
S2	BUILDING AND CANOPY
S3	TYPICAL BUILDING DETAILS

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DRMP, INC.
7525 NW 4th BOULEVARD, SUITE 70
GAINESVILLE, FL 32607
CERTIFICATE OF AUTHORIZATION NO. 2648
DAVID SOWELL, P.E., CIVIL ENGINEER NO. 68531

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-002	SIGNATURE SHEET
C1.00	PAVING GEOMETRY, MARKING, AND DETAILS
C2.00	PAVING, GRADING, AND DRAINAGE PLAN
C3.00	UTILITY PLAN

NOT FOR CONSTRUCTION

PROJECT NO: 18-050
CLIENT'S NO:
ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019
REVISIONS:

SCALE:
N / A

SHEET TITLE:
SIGNATURE SHEET

SHEET NUMBER:
L-002

MAP SHOWING BOUNDARY & TOPOGRAPHIC SURVEY OF

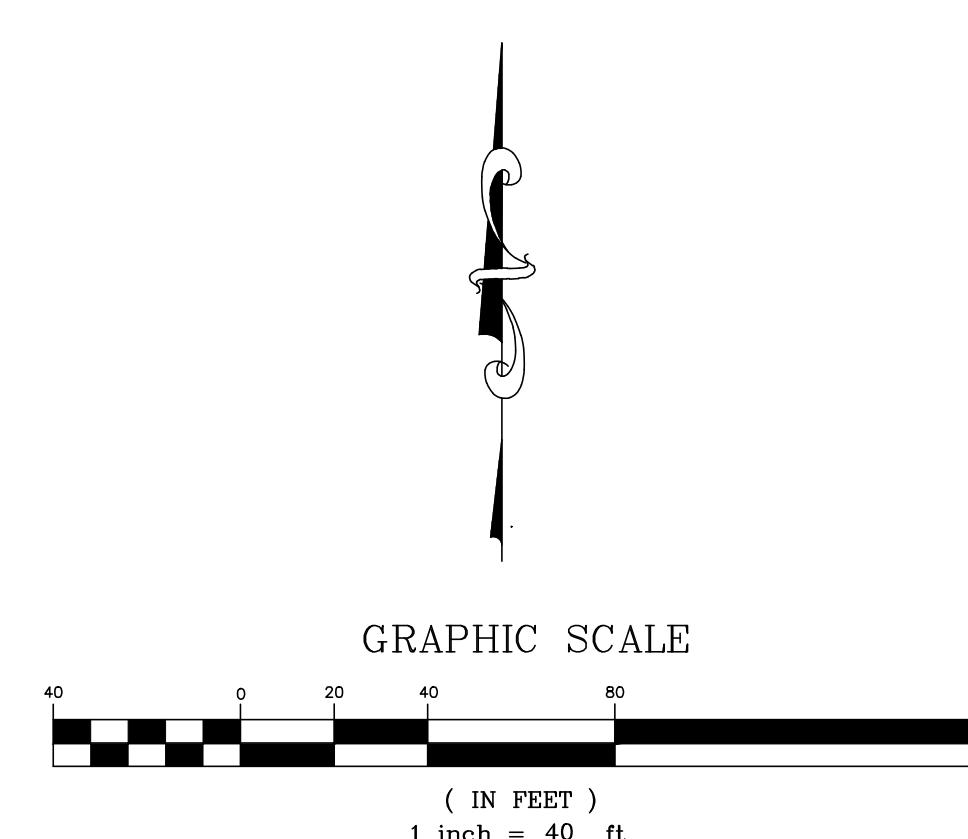
LOTS 23 THROUGH 31 & LOTS 40 THROUGH 44 - SPRING PARK SUBDIVISION UNIT NO: TWO
AS RECORDED IN PLAT BOOK C, PAGE 92, ALACHUA COUNTY, FLORIDA

LOCATION MAP



SURVEYOR'S NOTES

- 1) THIS IS A BOUNDARY AND TOPOGRAPHIC SURVEY, CERTIFIED TO THE CITY OF GAINESVILLE, AND PERFORMED IN COMPLIANCE WITH A PROJECT SPECIFIC SCOPE OF SERVICES, DATED 1/26/2017 AS INCORPORATED INTO THE CITY OF GAINESVILLE ISSUED PURCHASE ORDER PD 850 85880202170012, DATED 02/02/17.
- 2) ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND ARE BASED ON NATIONAL GEODETIC SURVEY BENCHMARK "P 350" (PID #AR1390) HAVING A PUBLISHED ELEVATION = 169.66' (NAVD 88).
- 3) UNDERGROUND UTILITIES SHOWN HEREON WERE DESIGNATED BY DEGROVE SURVEYORS, INC. THE EXTENT AND LIABILITY OF THIS INFORMATION IS LIMITED TO THE STANDARDS FOR QUALITY LEVEL - B UTILITY INVESTIGATION AS DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) PUBLICATION 38-02.
- 4) JURISDICTIONAL WETLANDS, IF ANY, WERE NOT LOCATED OR IDENTIFIED AS PART OF THIS SURVEY.
- 5) THE BEARINGS SHOWN HEREON ARE ASSUMED AND ARE REFERENCED TO THE NORTH RIGHT OF WAY LINE OF NW 8TH AVENUE BEING N90°00'00" W.
- 6) THE SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE. THERE MAY BE INSTRUMENTS OF RECORD AND NOT OF RECORD, AFFECTING THE SUBJECT PARCEL THAT ARE NOT SHOWN ON THIS SURVEY.
- 7) PAGE 1 OF THIS SURVEY IN ITS DIGITAL FORMAT IS INTENDED TO BE DISPLAYED AT A 1"=40' OR SMALLER. PAGE 2 OF THIS SURVEY IN ITS DIGITAL FORMAT IS INTENDED TO BE DISPLAYED AT A 1"=20' OR SMALLER.

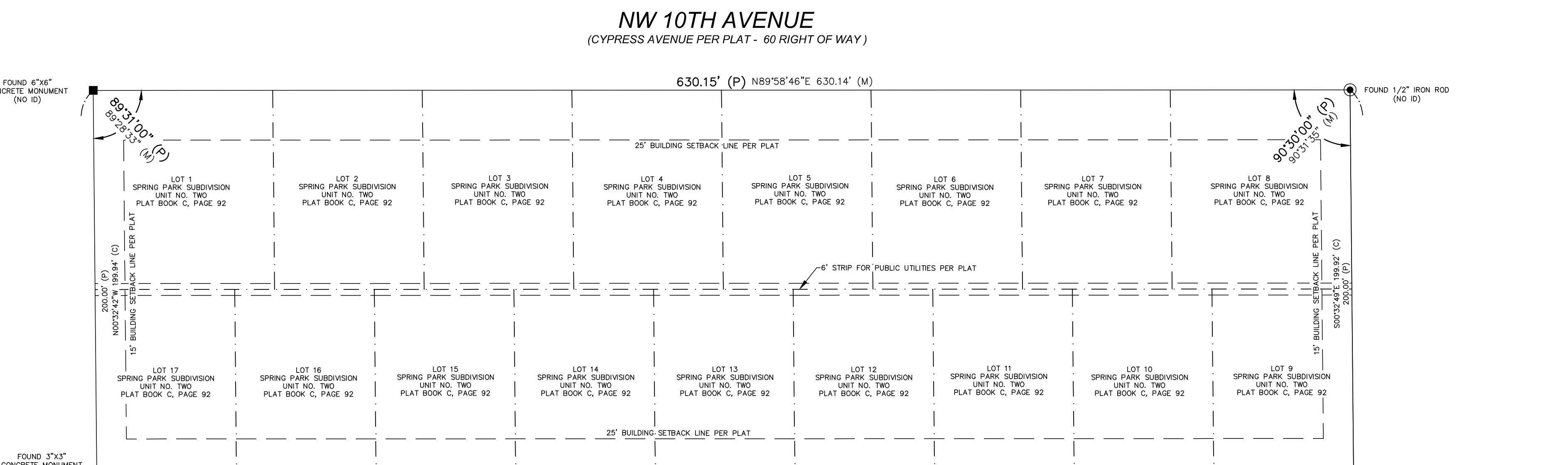


GRAPHIC SCALE

- DENOTES FOUND CONCRETE MONUMENT AS DESCRIBED
- DENOTES FOUND CORNER AS DESCRIBED
- DENOTES SET $\frac{1}{2}$ " IRON PIPE (LB 4603)
- DENOTES SET NAIL & DISK (LB 4603)
- DENOTES PROJECT BENCHMARK
- DENOTES SANITARY SEWER MANHOLE
- DENOTES DRAINAGE MANHOLE
- DENOTES TELCOMM MANHOLE
- DENOTES WOOD LIGHT POLE
- DENOTES WOOD UTILITY POLE
- DENOTES CONCRETE LIGHT POLE
- DENOTES FIRE HYDRANT
- DENOTES SINGLE POST TRAFFIC OR INFORMATIONAL SIGN
- DENOTES BURIED TELCOMM LINE MARKER
- DENOTES APPARENT SEWER CLEANOUT
- WM DENOTES WATER METER
- 25" SWEET GUM DENOTES TREE AS DESCRIBED
- DENOTES MULTI-TRUNKED ORNAMENTAL TREE AS DESCRIBED
- DENOTES LANDSCAPE SHRUB OR SHRUBS
- DENOTES GUY ANCHOR
- (170.0) x (172.41) DENOTES ELEVATION AT "X"
- (P) DENOTES PLAT
- (M) DENOTES MEASURED
- (C) DENOTES CALC
- MD DENOTES MISCELLANEOUS DECIDUOUS
- M.S.P.I. DENOTES METAL SIGN WITH PARK INFORMATION
- BC DENOTES BACK OF CURB
- FL DENOTES FLOW LINE
- EP DENOTES EDGE OF PAVEMENT

NW 10TH STREET

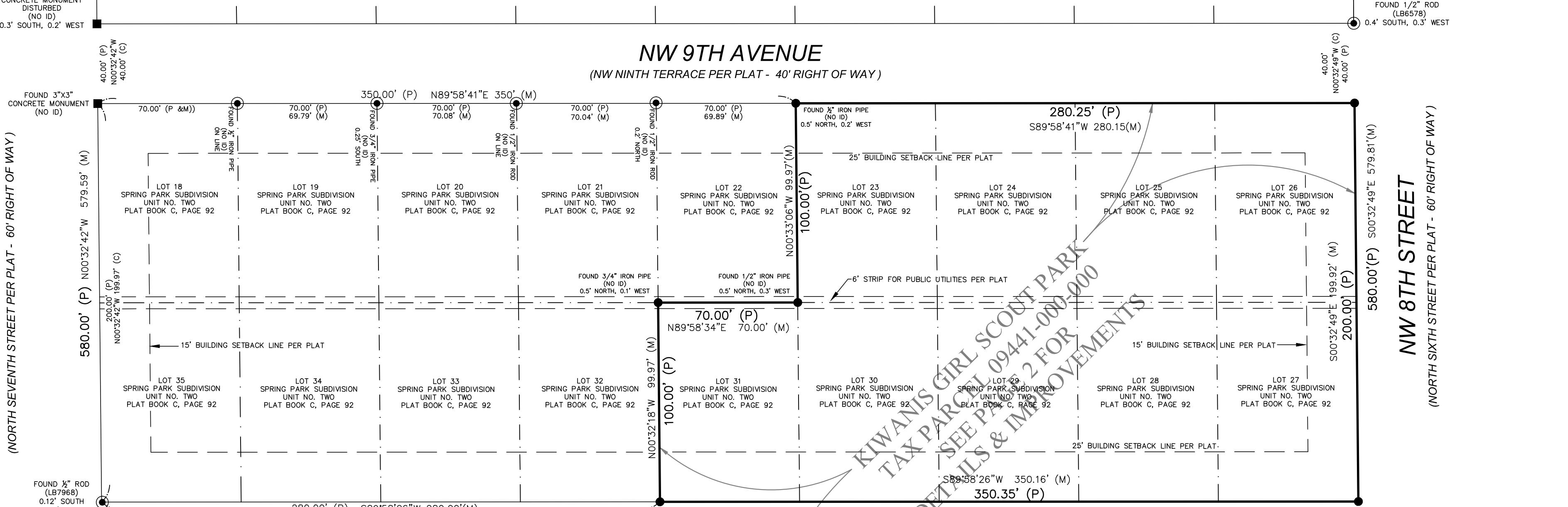
(NORTH SEVENTH STREET PER PLAT - 60' RIGHT OF WAY)



NW 10TH AVENUE

(CYPRESS AVENUE PER PLAT - 60' RIGHT OF WAY)

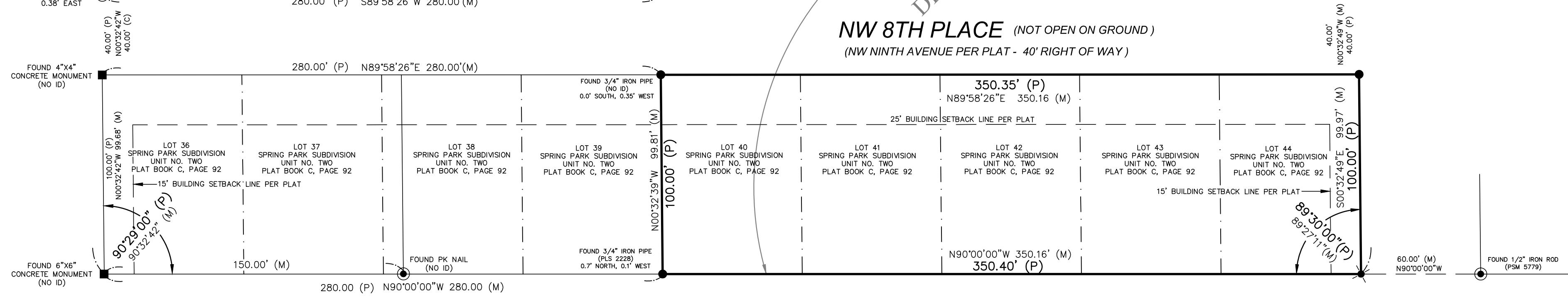
630.15' (P) N89°58'46"E 630.14' (M)



NW 9TH AVENUE

(NW NINTH TERRACE PER PLAT - 40' RIGHT OF WAY)

40.00' (P) N00°32'42"E 40.00' (M)

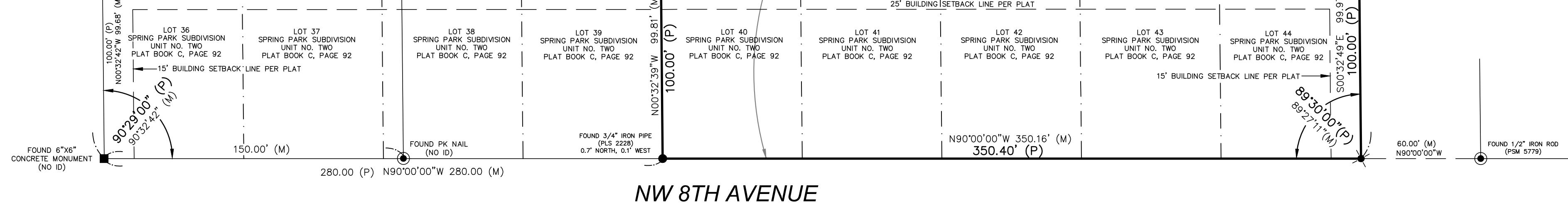


NW 8TH PLACE

(NOT OPEN ON GROUND)

(NW NINTH AVENUE PER PLAT - 40' RIGHT OF WAY)

40.00' (P) N00°32'42"E 40.00' (M)



NW 8TH AVENUE

(BOUNDARY STREET PER PLAT - VARIABLE WIDTH RIGHT OF WAY)

SURVEY DATE: 02/27/2017	DRAWING DATE: 02/27/2017
FIELD BOOK: G166, PAGE(S): 13-30	DRAWING SCALE: 1" = 20'
DRAFTED BY: TPT/RLT	REVISION DATE:
CHECKED BY: GRN	
DWG FILE: 2017307_KIWANIS PARK.DWG	
JOB FILE No. 2017307	

605 N.W. 53rd AVENUE, SUITE A11a
GAINESVILLE, FLORIDA 32209
352-338-9667
FAX 352-338-9677
DEGROVE@DEGROVE.COM
LICENSED BUSINESS NUMBER L.B.4603

DEGROVE
SURVEYORS, INC.

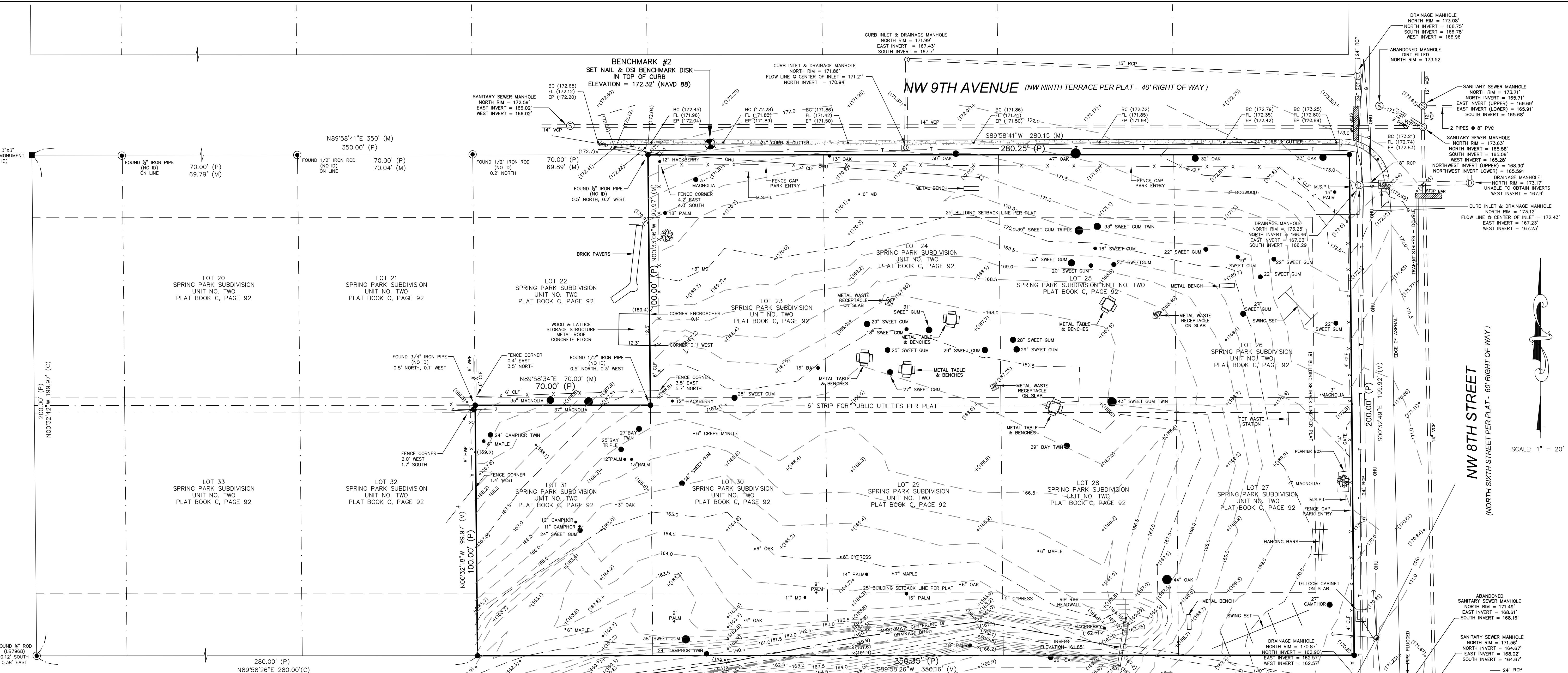
THIS SURVEY MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE PURSUANT TO CHAPTER 5J-17.051 & 5J-17.052 F.A.C.

THOMAS P. TRACZ, P.S.M., FLORIDA CERTIFICATION NO. 6039
NOTICE:
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

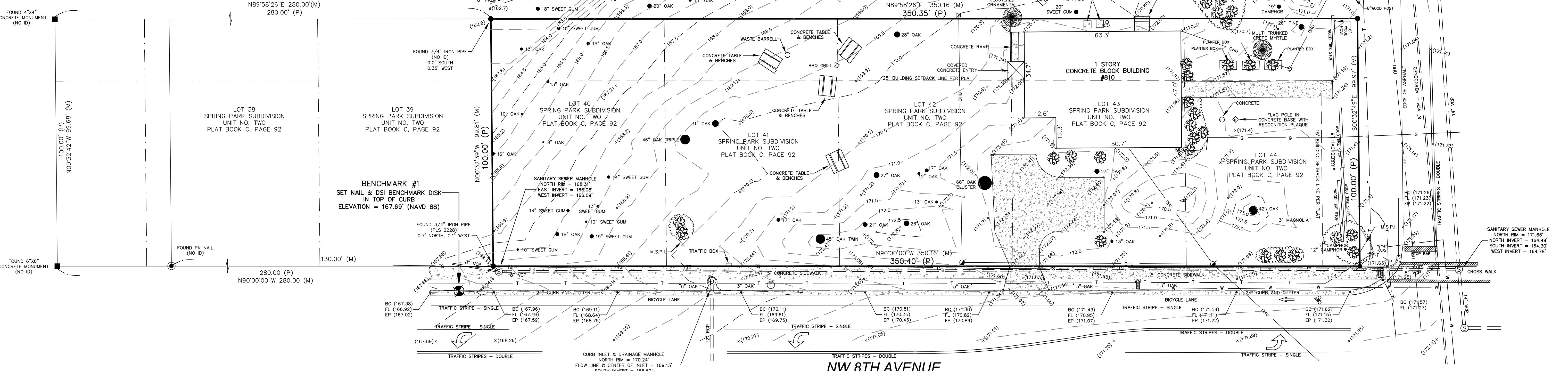
CERTIFIED TO:

CITY OF GAINESVILLE
every path starts with passion
FLORIDA

NW 10TH STREET
(NORTH SEVENTH STREET PER PLAT - 60' RIGHT OF WAY)



NW 8TH STREET
(NORTH SIXTH STREET PER PLAT - 60' RIGHT OF WAY)



NW 8TH AVENUE
(BOUNDARY STREET PER PLAT - VARIABLE WIDTH RIGHT OF WAY)

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**City of Gainesville
WSPP**

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Gainesville, FL 32608
(352) 377-3233 www.gseengineering.com

SEAL:

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PROJECT NO: 18-050
CLIENT'S NO:
ISSUED FOR: 90% REVIEW
C ISSUED DATE: 25 FEB 2019
REVISIONS:

SCALE:
N/A

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
L-101

SITE GENERAL NOTES

- EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS WHICH MAY BE DISTURBED BY CONSTRUCTION.
- ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT, OR FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
- MAINTAIN TRAFFIC AND USAGE OF THE EXISTING STREETS AND DRIVEWAYS ADJACENT TO THE PROJECT. ALL TRAFFIC MAINTENANCE CONTROL SHALL BE IN ACCORDANCE WITH FDOT MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS.
- ALL NON-COMFORMING SIGNS SHALL BE REMOVED FROM THE SITE.
- ALL WORK PERFORMED IN THE CITY RIGHT-OF-WAY SHALL BE IN COMPLIANCE WITH CITY OF GAINESVILLE PUBLIC WORK STANDARDS AND THE LATEST FDOT STANDARDS. PLEASE INFORM CITY INSPECTORS 24 HOURS PRIOR TO COMMENCING ANY WORK IN THE RIGHT-OF-WAY.
- REVIEW THE GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
- PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- COORDINATE APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND SOILS ENGINEER APPLICABLE REGULATORY AGENCIES AND AS MAY BE FOUND IN THE ENGINEERING RING CONSTRUCTION DRAWINGS. VERIFY ALL TESTING WITH THE OWNER PRIOR TO COMMENCING CONSTRUCTION. UPON COMPLETION OF THE WORK, THE SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
- CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SODDED, SEEDED, MULCHED OR PLANTED AS PER THE LANDSCAPE PLAN IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
- LOCATION, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE BASED UPON BEST AVAILABLE INFORMATION REVIEWED AT THE TIME OF DOCUMENT PREPARATION. THIS INFORMATION MAY NOT BE OF SUITABLE ACCURACY OR CORRECTNESS FOR THE CONTRACTOR'S CONSTRUCTION NEEDS. THEREFORE, THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AFFECTING THE WORK BEFORE CONSTRUCTION. SEE DEMOLITION PLAN FOR ADDITIONAL UTILITY CALL NOTES.
- THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH DRIVEWAYS, SIDEWALKS, CURBS, FENCING, ETC., DAMAGED DURING CONSTRUCTION, WITH THE SAME TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP AS PREVIOUSLY EXISTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
- ALL WORK TO BE PERFORMED FOR THE COMPLETION OF THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE BEST PRACTICES OF THE INDUSTRY AND IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND/OR CITY CODES, ORDINANCES, STANDARDS, AND PERMIT CONDITIONS.
- FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THE CONSTRUCTION DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
- WORK BEING PERFORMED UNDER THE CONTRACT SHALL INTERFACE SMOOTHLY WITH OTHER WORK BEING PERFORMED ON THE SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WHERE NECESSARY, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
- REPAIR AND REPLACEMENT OF ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO THE CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
- THROUGHOUT THE CONSTRUCTION PERIOD OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF ON-SITE PERSONNEL, THE TRAVELING PUBLIC, AND THE CONTRACTOR'S WORKFORCE. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE LATEST EDITION PROVISIONS ESTABLISHED BY OSHA. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE TRENCH SAFETY ACT. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THIS INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
- ALL HANDICAP RAMPS SHALL COMPLY WITH ADA, STATE OF FLORIDA ACCESSIBILITY CODES AND STANDARDS, CITY OF GAINESVILLE STANDARDS, AND FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- PROVIDE LEVEL PLATFORM IN FRONT OF ALL EGRESS DOORS. THE FLOOR SURFACE ON BOTH SIDES OF A DOOR SHALL BE AT THE SAME ELEVATION. THE FLOOR SURFACE OR LANDING ON EACH SIDE OF THE DOOR SHALL EXTEND FROM THE DOOR IN THE CLOSED POSITION A DISTANCE EQUAL TO THE DOOR WIDTH AND SHALL COMPLY WITH SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
- GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING FINAL ACCEPTANCE UNLESS OTHERWISE STIPULATED IN THE CONTRACT DOCUMENTS.

MAINTENANCE OF TRAFFIC (MOT) NOTES

- PREPARE A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR CONSTRUCTION ACTIVITY THAT OCCURS WITHIN THE CITY RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO SIDEWALK WORK AND ACTIVITIES THAT REQUIRE A LANE (OR ROAD) CLOSURE, SUCH AS CONNECTION TO SEWER MANHOLES AND WATER MAINS. THE MOT PLAN MUST BE CREATED BY AN INDIVIDUAL WHO IS CERTIFIED TO DO SO BY THE FDOT MOT CERTIFICATION TRAINING. THE MOT PLAN MUST ALSO BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, FDOT STANDARD SPECIFICATIONS, AND CITY PUBLIC WORKS REQUIREMENTS AND MUST BE REVIEWED AND APPROVED BY THE CITY OF GAINESVILLE PUBLIC WORKS DEPARTMENT. IN CASES WHERE THE WORK OCCURS IN AN FOOT RIGHT-OF-WAY OR REQUIRES PLACEMENT OF WORK ZONE SIGNS IN AN FDOT RIGHT-OF-WAY, THE MOT PLAN MUST ALSO BE REVIEWED AND APPROVED BY FDOT.

AS BUILT NOTES

- SUBMITTAL OF AS-BUILT SITE SURVEY, INCLUDING BENCHMARKS, IS REQUIRED PRIOR TO SCHEDULING A FINAL INSPECTION FOR THE CITY, GRU, AND THE WATER MANAGEMENT DISTRICT.
- AS-BUILT DRAWINGS SHALL BE PREPARED IN AUTOCAD FORMAT BY A FLORIDA REGISTERED LAND SURVEYOR. AN ELECTRONIC FILE OF THE PROJECT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. SIGNED AND SEALED PRINTS SHALL BE PROVIDED TO THE ENGINEER AS REQUESTED. PROVIDE LOCATION, ELEVATION AND DESCRIPTION OF BENCHMARK(S).
- PROVIDE BUILDING LOCATIONS, FINISH FLOOR ELEVATIONS, PAVEMENT GRADES AND ALL UNDERGROUND FACILITIES INCLUDED AS PART OF THE CONSTRUCTION DOCUMENTS.
- PROVIDE PERIMETER DIMENSIONS AND AT TOP OF BANK AND BOTTOM OF POND.
- PROVIDE ELEVATIONS AT TOP OF BANK, BOTTOM OF POND AND POND OUTFALL STRUCTURE(S).
- PROVIDE SPECIAL DETAIL DRAWINGS WHERE INSTALLATIONS WERE NOT AS SHOWN ON CONSTRUCTION DRAWINGS DUE TO FIELD CONDITIONS OR WHERE REQUIRED FOR CLARITY.
- LOCATE ALL PIPES AND PROVIDE SIZE, ELEVATION, INVERT ELEVATIONS, LENGTH AND TYPE.
- AN AS-BUILT IRRIGATION PLAN IS ALSO REQUIRED - SEE IRRIGATION PLANS FOR FURTHER REQUIREMENTS.

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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STRUCTURAL ENGINEERING

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PROJECT NO: 18-050
CLIENT'S NO.:
ISSUED FOR: **90% REVIEW**
ISSUED DATE: 25 FEB 2019

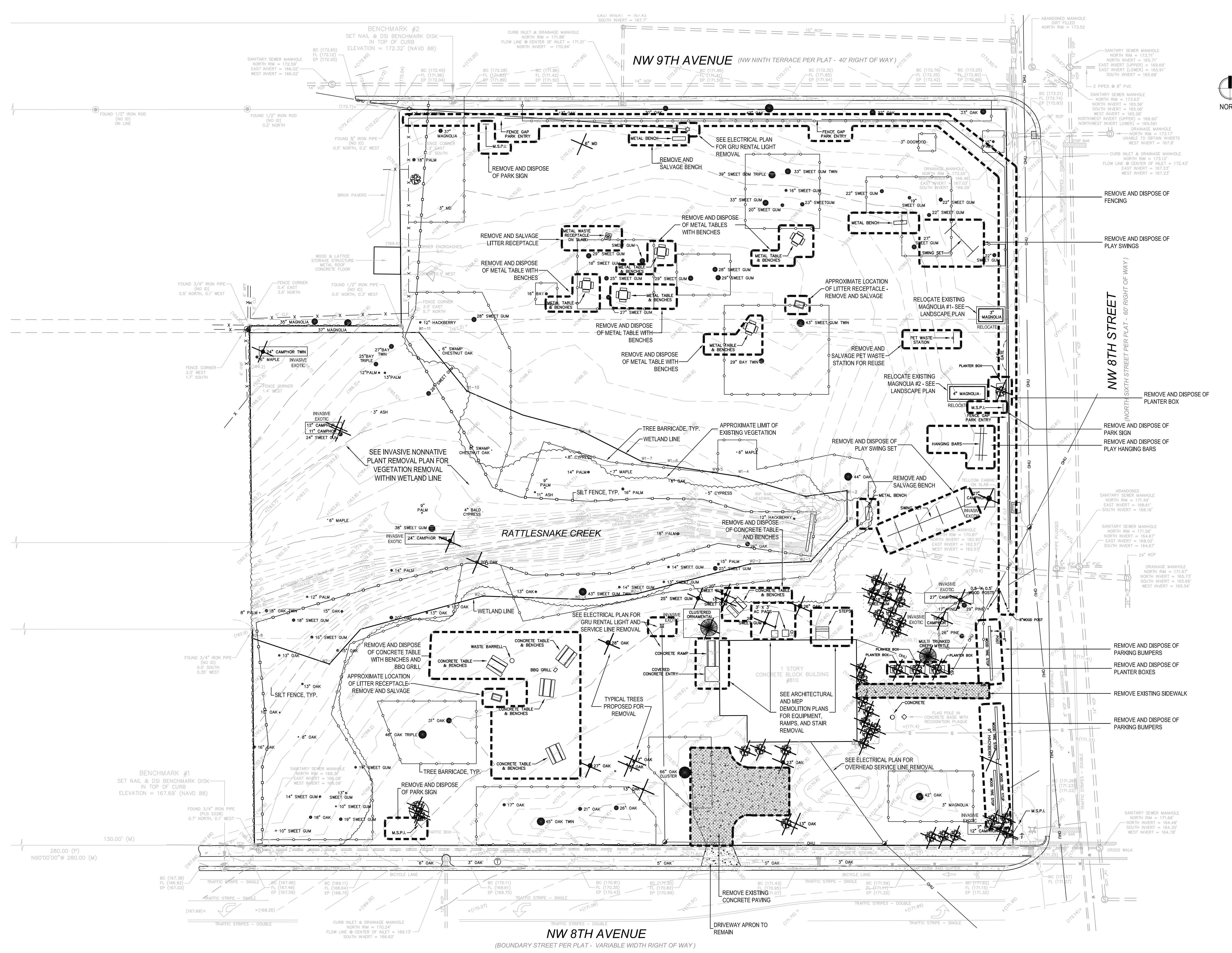
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SHEET TITLE:
**SITE DEMOLITION
PLAN**

SHEET NUMBER _____

L-103



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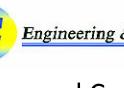
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SCALE: 1" = 20'

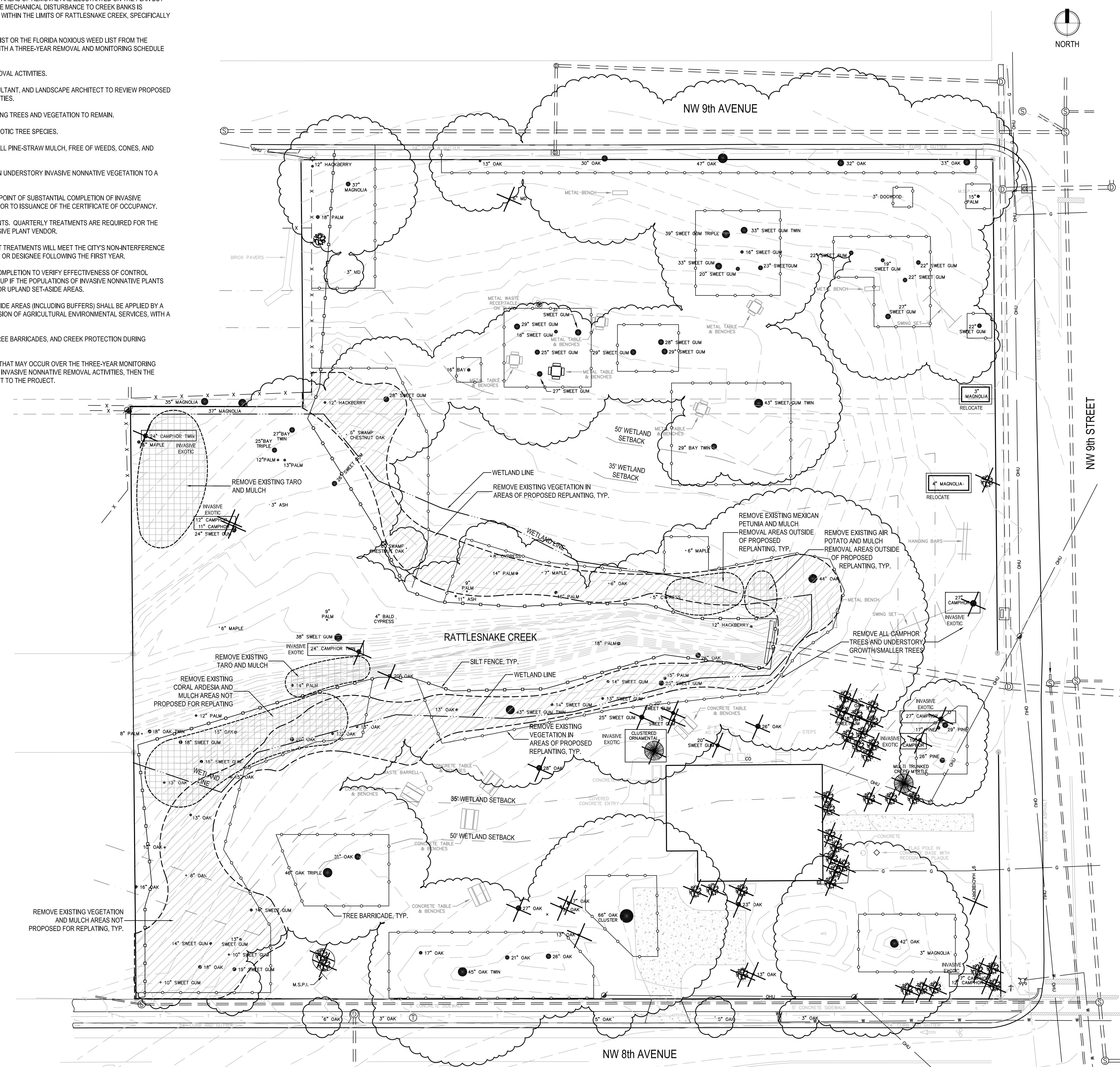
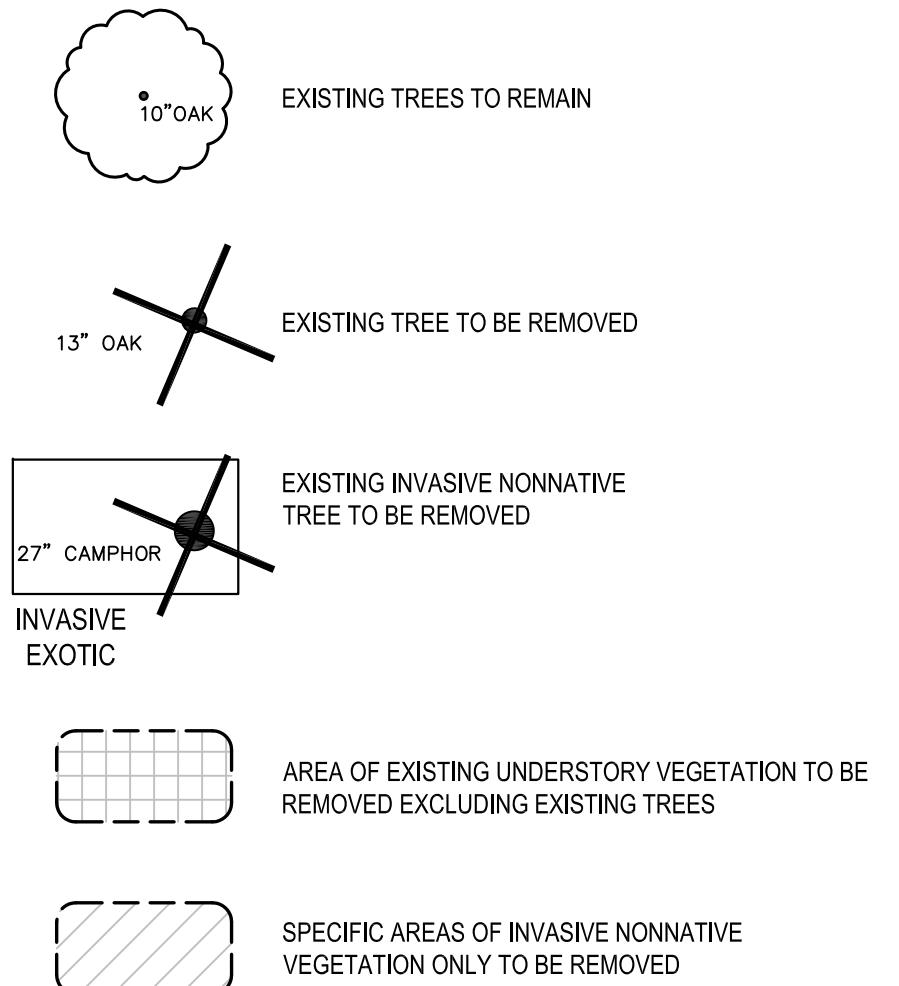
SHEET TITLE:
INVASIVE NONNATIVE VEGETATION REMOVAL PLAN
SHEET NUMBER:

L-104

INVASIVE EXOTICS PLANT REMOVAL NOTES

1. REMOVE INVASIVE NONNATIVE PLANT SPECIES FROM THE PROPERTY TO A LEVEL OF NON-INTERFERENCE. AREAS OF REMOVAL ARE ILLUSTRATED ON THE PLAN BUT SHOULD BE CONFIRMED IN THE FIELD. REMOVAL IS LIMITED TO AREAS OUTSIDE THE CREEK CHANNEL SINCE MECHANICAL DISTURBANCE TO CREEK BANKS IS COUNTERPRODUCTIVE TO NATURAL RESOURCES. HERBICIDAL TREATMENTS SHOULD NOT BE PERFORMED WITHIN THE LIMITS OF RATTLESNAKE CREEK, SPECIFICALLY BETWEEN TOP OF BANK ELEVATIONS.
2. REMOVE INVASIVE NONNATIVE PLANT SPECIES AS LISTED ON THE FLORIDA PROHIBITED AQUATIC PLANTS LIST OR THE FLORIDA NOXIOUS WEED LIST FROM THE PROPERTY TO A LEVEL OF NON-INTERFERENCE IN ACCORDANCE WITH THE FOLLOWING. SUBMIT A PLAN WITH A THREE-YEAR REMOVAL AND MONITORING SCHEDULE FOR APPROVAL PRIOR TO COMMENCEMENT OF ACTIVITIES.
 - a. PAINT OR FLAG AREAS AND/OR SPECIFIC TREES AND VEGETATION IN THE FIELD PRIOR TO ANY REMOVAL ACTIVITIES.
 - b. COORDINATE AN ON-SITE REVIEW WITH THE CITY MANAGER OR DESIGNEE, ENVIRONMENTAL CONSULTANT, AND LANDSCAPE ARCHITECT TO REVIEW PROPOSED REMOVAL ACTIVITIES, AREAS, AND SCHEDULE. GAIN APPROVAL PRIOR TO PROCEEDING WITH ACTIVITIES.
 - c. SPOT SPRAY REMOVAL AREAS WITH AN APPROVED AND APPROPRIATE HERBICIDE. PROTECT EXISTING TREES AND VEGETATION TO REMAIN.
 - d. MECHANICALLY REMOVE MATERIAL AND HAND-SAW OR GRIND SMALL TO MEDIUM SIZED INVASIVE/EXOTIC TREE SPECIES.
 - e. SEE LANDSCAPE PLAN, SHEET L-301, FOR PROPOSED REPLANTINGS WITHIN REMOVAL AREAS. INSTALL PINE-STRAW MULCH, FREE OF WEEDS, CONES, AND STICKS, IN REMOVAL AREAS IN WHICH REPLANTING IS NOT PROPOSED.
 - f. PREPARE AND SUBMIT A SCHEDULE OF HERBICIDAL AND/OR MECHANICAL TREATMENTS TO MAINTAIN UNDERSTORY INVASIVE NONNATIVE VEGETATION TO A LEVEL OF NON-INTERFERENCE FOR A THREE YEAR PERIOD FOLLOWING INITIAL REMOVAL.
 - g. COORDINATE FOR THE CITY MANAGER OR DESIGNEE TO HOLD AN ON-SITE INSPECTION AT THE POINT OF SUBSTANTIAL COMPLETION OF INVASIVE NONNATIVE VEGETATION REMOVAL. REMOVAL ACTIVITIES SHALL BE APPROVED AND COMPLETE PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
3. HERBICIDAL TREATMENTS OF INVASIVE/EXOTIC UNDERSTORY SPECIES WILL REQUIRE MULTIPLE TREATMENTS. QUARTERLY TREATMENTS ARE REQUIRED FOR THE FIRST YEAR FOLLOWING THE INITIAL REMOVAL. TREATMENTS SHALL BE PERFORMED BY A QUALIFIED INVASIVE PLANT VENDOR.
4. YEAR 2 MONITORING WILL DETERMINE IF QUARTERLY TREATMENTS ARE PRAGMATIC OR IF BI-ANNUAL SPOT TREATMENTS WILL MEET THE CITY'S NON-INTERFERENCE METRIC OF SUCCESS. COORDINATE AND PROVIDE AN ON-SITE FIELD EVALUATION WITH THE CITY MANAGER OR DESIGNEE FOLLOWING THE FIRST YEAR.
5. COORDINATE WITH CITY MANAGER DESIGNEE TO INSPECT THE SITE A MINIMUM OF THREE YEARS AFTER COMPLETION TO VERIFY EFFECTIVENESS OF CONTROL EFFORTS. THE OWNER IS RESPONSIBLE FOR ADDITIONAL TREATMENTS DURING THE THREE-YEAR FOLLOW-UP IF THE POPULATIONS OF INVASIVE NONNATIVE PLANTS REBOUND TO A LEVEL OF INTERFERENCE WITHIN ANY PREVIOUSLY INFESTED AREA WITHIN THE WETLAND OR UPLAND SET-ASIDE AREAS.
6. ALL HERBICIDE APPLICATIONS TO CONTROL INVASIVE, NONNATIVE PLANTS IN WETLAND OR UPLAND SET-ASIDE AREAS (INCLUDING BUFFERS) SHALL BE APPLIED BY A CONTRACTOR LICENSED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF AGRICULTURAL ENVIRONMENTAL SERVICES, WITH A CURRENT CERTIFICATION IN NATURAL AREAS WEED MANAGEMENT.
7. SEE SHEET L-102 DEMOLITION NOTES AND DETAILS FOR ADDITIONAL REQUIREMENTS FOR SILT FENCING, TREE BARRICADES, AND CREEK PROTECTION DURING REMOVAL ACTIVITIES.
8. PROTECT EXISTING TREES AND VEGETATION TO REMAIN DURING INITIAL TREATMENTS AS WELL AS THOSE THAT MAY OCCUR OVER THE THREE-YEAR MONITORING PERIOD. IF AN EXISTING TREE OF REGULATED SIZE INDICATED TO REMAIN IS CRITICALLY INJURED DUE TO INVASIVE NONNATIVE REMOVAL ACTIVITIES, THEN THE CONTRACTOR IS RESPONSIBLE FOR TREE MITIGATION REPLACEMENT OR PAYMENT AT NO ADDITIONAL COST TO THE PROJECT.

LEGEND



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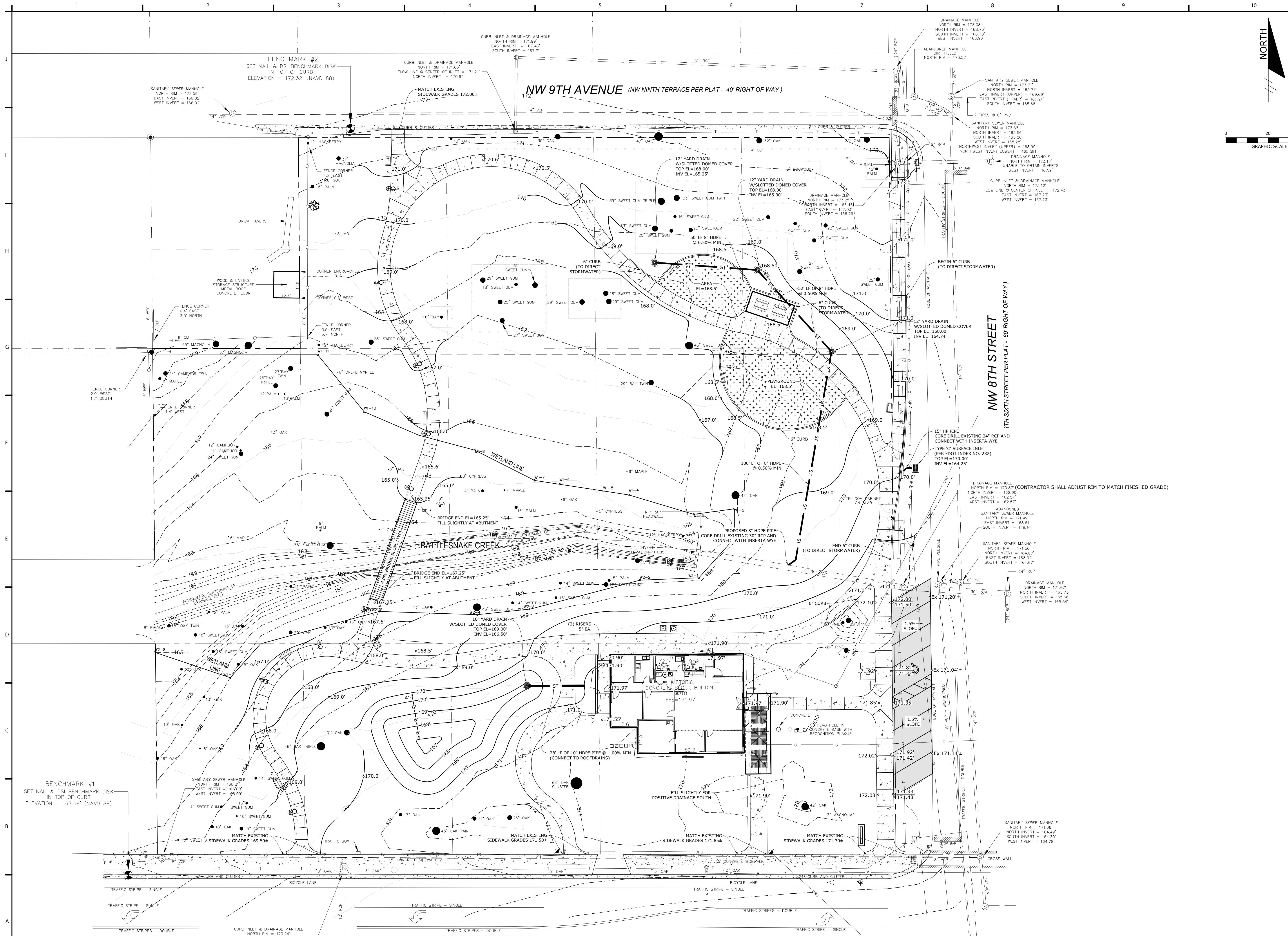
REVISIONS:

SCALE:

PAVING GRADING
AND DRAINAGE
PLAN

SHEET NUMBER:

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GRU STANDARD UTILITY NOTES

1. THE FOLLOWING PERMITS ARE REQUIRED: CITY OF GAINESVILLE, UNIVERSITY OF FLORIDA, GRU, AND SJRWMD.
2. THE UTILITY PLAN AND PLAT SHOWS ALL PUBLIC UTILITY EASEMENTS (PUE'S) IN A METES AND BOUNDS FORMAT. UPON GRU'S APPROVAL OF PLANS FOR DEVELOPMENTS NOT BEING PLATTED, OWNER MAY CHOOSE TO GRANT THE METES AND BOUNDS EASEMENTS AS SHOWN, OR A BLANKET EASEMENT OVER THE ENTIRE PROPERTY, PROVIDED FACILITIES ARE INSTALLED WITHIN THE PRESCRIBED DISTANCES AS SHOWN ON THE UTILITY PLANS AND IN ACCORDANCE WITH THE UTILITY SEPARATION REQUIREMENTS TABLE IN APPENDIX C OF THE GRU W/WW/RCW DESIGN STANDARDS
3. ALL CONSTRUCTION MATERIALS AND METHODS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER SYSTEMS SHALL BE IN CONFORMANCE WITH GRU'S MOST RECENT POTABLE WATER, WASTEWATER, & RECLAIMED WATER SYSTEM DESIGN STANDARDS, CONSTRUCTION DETAILS, CONSTRUCTION STANDARDS, AND APPROVED MATERIALS MANUAL.
4. POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
5. A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FOR POTABLE WATER MAINS, WASTEWATER FORCE MAINS, AND RECLAIMED WATER MAINS, AND 15 FEET FOR GRAVITY WASTEWATER MAINS SHALL BE PROVIDED AND MAINTAINED FROM BUILDINGS, TRANSFORMERS, AND ALL PERMANENT STRUCTURES. SERVICE LATERALS REQUIRE 5 FEET LESS CLEARANCE FOR EACH OF THE UTILITIES; PROVIDED THAT WATER SERVICE LATERALS ARE INSTALLED INSIDE 3" SLEEVES. SEPARATION FROM TREES IS REDUCED TO 7.5' FOR PRESSURIZED MAINS AND SERVICES AND 10' (MINIMUM) FOR GRAVITY MAINS AND SERVICES. (SEE APPENDIX C OF GRU'S DESIGN STANDARDS AND CONSTRUCTION DETAILS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER - HORIZONTAL SEPARATION DISTANCES FOR PARALLEL AND PERPENDICULAR CLEARANCE FROM OTHER OBJECTS TABLE.)
6. POTABLE WATER SERVICES SHALL BE PROVIDED TO EACH LOT, BUILDING OR PARCEL REQUIRING A SEPARATE WATER METER. FOR COMMERCIAL, MULTIFAMILY, AND INSTITUTIONAL DEVELOPMENTS, THE DEVELOPER SHALL BE RESPONSIBLE FOR INSTALLING POTABLE WATER SERVICES AND YOKE ASSEMBLY PACKAGE UP TO AND INCLUDING THE METER YOKE, BOX (INSTALLED AT FINAL GRADE) AND ASSOCIATED APPURTENANCES, FOR METERS 1" AND SMALLER (SEE GRU W/WW/RCW CONSTRUCTION DETAIL W - 8.0), WITH A ONE-YEAR WARRANTY.
7. 2" VALVES SHALL BE GRU APPROVED CAST IRON, RESILIENT SEAT GATE VALVES WITH STANDARD 2" OPERATING NUT, THREADED WITH BRASS NIPPLE BETWEEN THE VALVE AND TAPPING SADDLE OR TAPPED TEE.
8. WATER MAINS 4" IN DIAMETER AND GREATER, PLACED UNDER ROADWAYS, SHALL BE CEMENT LINED DUCTILE IRON PIPE (CLDIP) EXTENDING 5 FEET PAST THE BACK OF CURB (3 FEET WITHIN CITY OF GAINESVILLE LIMITS). TRACER WIRE INSTALLED ON PVC WATER MAINS SHALL CONTINUE ACROSS THE CLDIP SECTIONS.
9. 3" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 4" HDPE EXTENDING 5' PAST THE BACK OF CURB.
10. ANCHOR TEES, ANCHOR COUPLINGS (SOLID X SWIVEL), AND ANCHOR BENDS (SWIVEL X SWIVEL) SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
11. ALL PRESSURIZED MAIN FITTINGS AND VALVES SHALL BE MECHANICAL JOINT WITH RESTRAINED JOINT GLANDS; A SUFFICIENT LENGTH OF THE PUSH-ON PIPE CONNECTED TO THE FITTINGS SHALL BE MECHANICALLY RESTRAINED TO PROVIDE REACTION AS SPECIFIED ON THE RESTRAINED JOINT STANDARD IN THE CONSTRUCTION DETAILS (W - 2.8 & 2.9, RCW - 2.8 & 2.9, AND WW - 2.4 & 2.5). CALCULATIONS FOR REQUIRED RESTRAINT LENGTH MUST BE PROVIDED IF THE SPECIFIED RESTRAINT LENGTH, DUE TO SOIL TYPE OR DEPTH OF COVER, DIFFERS FROM THOSE PROVIDED ON THESE DETAILS. RESTRAINED LENGTH MUST BE INDICATED ON THE PLANS.
12. ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 26 PIPE AND FITTINGS) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
13. WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
14. MANHOLES WHICH ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE, AND A 10:1 SODDED SLOPE DOWN TO FINISHED GRADE.
15. THE FINISHED FLOOR ELEVATIONS OF BUILDINGS SHALL BE A MINIMUM OF 6" ABOVE THE LOWEST UPSTREAM MANHOLE TOP. IF THIS IS INFEASIBLE, A WASTEWATER SERVICE LATERAL BACKWATER VALVE WITH SEWER RELIEF VALVE IS REQUIRED ON THE CUSTOMER SIDE OF THE CLEANOUT.
16. WHEN A POTABLE OR RECLAIMED WATER MAIN, OR A WASTEWATER FORCE MAIN IS ROUTED WITHIN 10 FT. OF AN ELECTRIC TRANSFORMER, A 20 FT. LENGTH OF CLDIP SHALL BE CENTERED ON THE TRANSFORMER WITH MECHANICAL RESTRAINT AT EACH END. NO FITTINGS, PIPE JOINTS, OR VALVES SHALL OCCUR WITHIN 10 FT. OF THE NEAREST EDGE OF THE TRANSFORMER. A MINIMUM CLEARANCE OF 3' SHALL BE MAINTAINED BETWEEN THE MAIN AND THE TRANSFORMER.

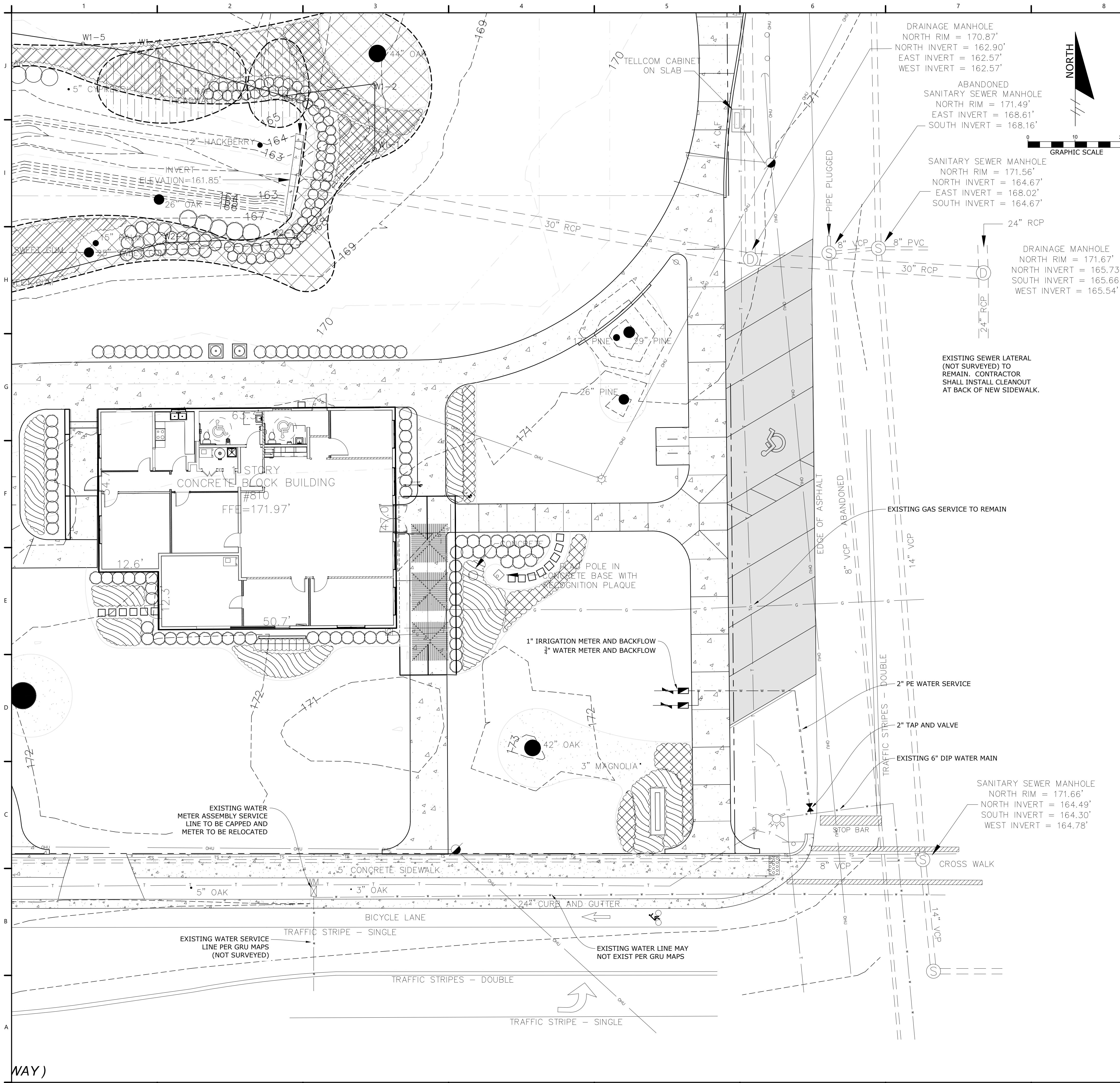
PROJECT NO: 18-050
CLIENT'S NO: _____
ISSUED FOR: 90% REVIEW
ISSUED DATE: 25 FEB 2019
REVISIONS: _____

SCALE:

HEET TITLE: UTILITIES PLAN

HEET NUMBER:

C3.00



HARDSCAPE NOTES

1. KICK OFF ON-SITE MEETING: COORDINATE AN ON-SITE MEETING WITH THE OWNER TO DISCUSS PROPOSED IMPROVEMENTS AND LOCATIONS PRIOR TO CONSTRUCTION.
2. SECURITY OF PROJECT AREA: ENSURE PROJECT AREA AND ANY ASSOCIATED STORAGE OR STAGING AREAS ARE ENCLOSED OR OTHERWISE SECURE DURING CONSTRUCTION ACTIVITIES.
3. EXISTING CONDITIONS: VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IN THE CASE OF A DISCREPANCY.
4. DEMOLITION: SEE DEMOLITION PLAN FOR PROPOSED DEMOLITION. PROTECT EXISTING IMPROVEMENTS TO REMAIN THROUGHOUT CONSTRUCTION.
5. MOCK UP: INSTALL SIX (6) FOOT BY SIX (6) FOOT MOCK UP OF EACH PROPOSED PAVING OR SURFACING TYPE FOR OWNER REPRESENTATIVE'S APPROVAL PRIOR TO INSTALLATION. MOCK UP MAY BE CONSTRUCTED IN PLACE.
6. SUBSTITUTIONS: NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.
7. CONDUIT AND SLEEVE INSTALLATION: INSTALL IRRIGATION SLEEVING AS REQUIRED PRIOR TO Hardscape CONSTRUCTION. SEE FUTURE IRRIGATION PLANS. ALSO COORDINATE WITH ARCHITECT, CIVIL, AND MEP PLANS REGARDING ADDITIONAL SLEEVING OR CONDUIT TO BE INSTALLED PRIOR TO Hardscape INSTALLATION.

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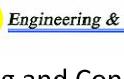
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ISSUED FOR: **90% REVIEW**

25 FEB 2010

ISSUED DATE: 23 NOV 2010

SCALE:

0 10' 20' 40'

SHEET TITLE: **HARDSCAPE PLAN**

SHEET NUMBER:

L-201

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MG engineering

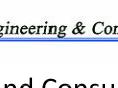
Mitchell Gullidge Engineering, Inc.
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(352) 377-3233 www.gseengineering.com



SEAL:

NOT FOR CONSTRUCTION

PROJECT NO: 18-050
CLIENT'S NO:
ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019
REVISIONS:

SCALE:
0 5 10 20'
SCALE: 1" = 10'
SHEET TITLE:
HARDSCAPE ENLARGED PLAN - PLAY AREA

SHEET NUMBER:
L-203

PLAYGROUND SURFACING NOTES

1. ENSURE ALL PLAY AREAS DRAIN WELL PRIOR TO INSTALLING SURFACING.
2. PLAY SURFACING TO BE FLUSH WITH ADJACENT PAVING, TYPICAL, UNLESS OTHERWISE SHOWN.

PLAYGROUND EQUIPMENT NOTES

1. ALL PLAY EQUIPMENT BY MANUFACTURER LANDSCAPE STRUCTURES. COLOR: TBD. FINISH: STANDARD POWDERCOAT. CONTACT: NATHAN ALMON, REP SERVICE, PHONE: (407) 831-9658 X22, EMAIL: NATHAN@REPSERVICES.COM.
2. OVERLAP OF PLAY EQUIPMENT SAFETY FALL ZONES IS NOT PERMITTED. PAVING OTHER THAN PLAY SURFACING, SITE FURNISHINGS, OR OTHER IMPROVEMENTS ARE NOT PERMITTED WITHIN SAFETY FALL ZONES.
3. FLAG LAYOUT OF PLAY EQUIPMENT IN THE FIELD FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
4. PLAY EQUIPMENT SUBSTITUTIONS ARE NOT ALLOWED. IF REVISIONS ARE NEEDED DUE TO LAYOUT ISSUES, APPROVAL OF ALTERNATIVE EQUIPMENT IS REQUIRED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING OR INSTALLING NEW EQUIPMENT.



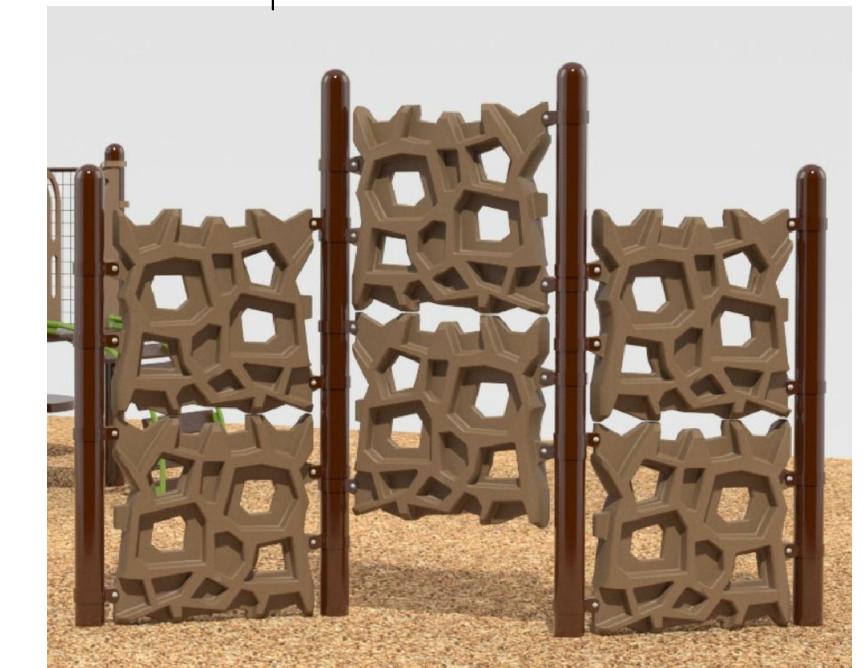
SINGLE POST SWINGS
MODEL #: 177332 WITH (2) BELT SWINGS
COLOR: PROSHIELD 'BROWN' VERTICAL POSTS, 'LIMON' TOP POST



BENCH L-205
3



DISCOVERY TREE CLIMB
MODEL #: 15930-1-3
COLORS:
PROSHIELD - 'BROWN' POSTS, 'LIMON' METAL MESH, AND 'LEAF' RAILINGS
STEEL DECKS - 'BROWN'
TENDERUFF COATING - 'BROWN'
POLYETHYLENE (SLIDE) - 'LIMON'
PERMLENE COLOR PANELS - 'LIMON' FOR ACTIVITY PANELS, 'TAN' AND 'ACORN' MIXED FOR VERTICAL WOOD PANELS



GEOPLEX PANELS
MODEL #: IP219510A-001
COLORS:
PROSHIELD - 'BROWN' POSTS
POLYETHYLENE (PANELS) - CENTRAL PANEL AS 'LEAF', OUTSIDE TWO PANELS AS 'LIMON'



CURVA SPINNER
MODEL #: 247179
COLOR: 'LIMON'



1 PICNIC WITH 2 BBQ
L-205 GRILL
-ROOF SLOPES NORTH



4 LITTER AND RECYCLING
RECEPTACLE
L-205

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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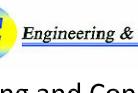
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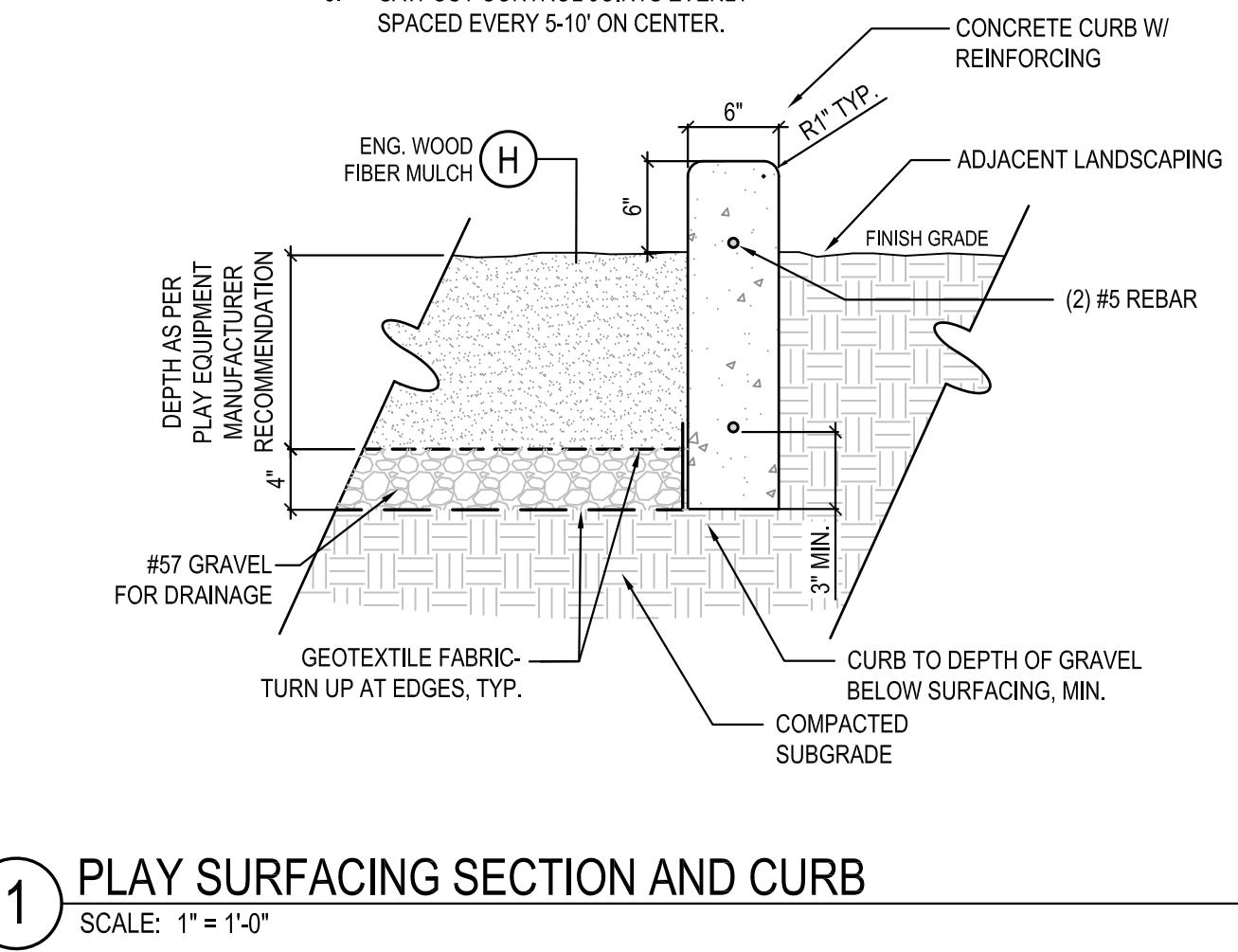
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PROJECT NO: 18-050
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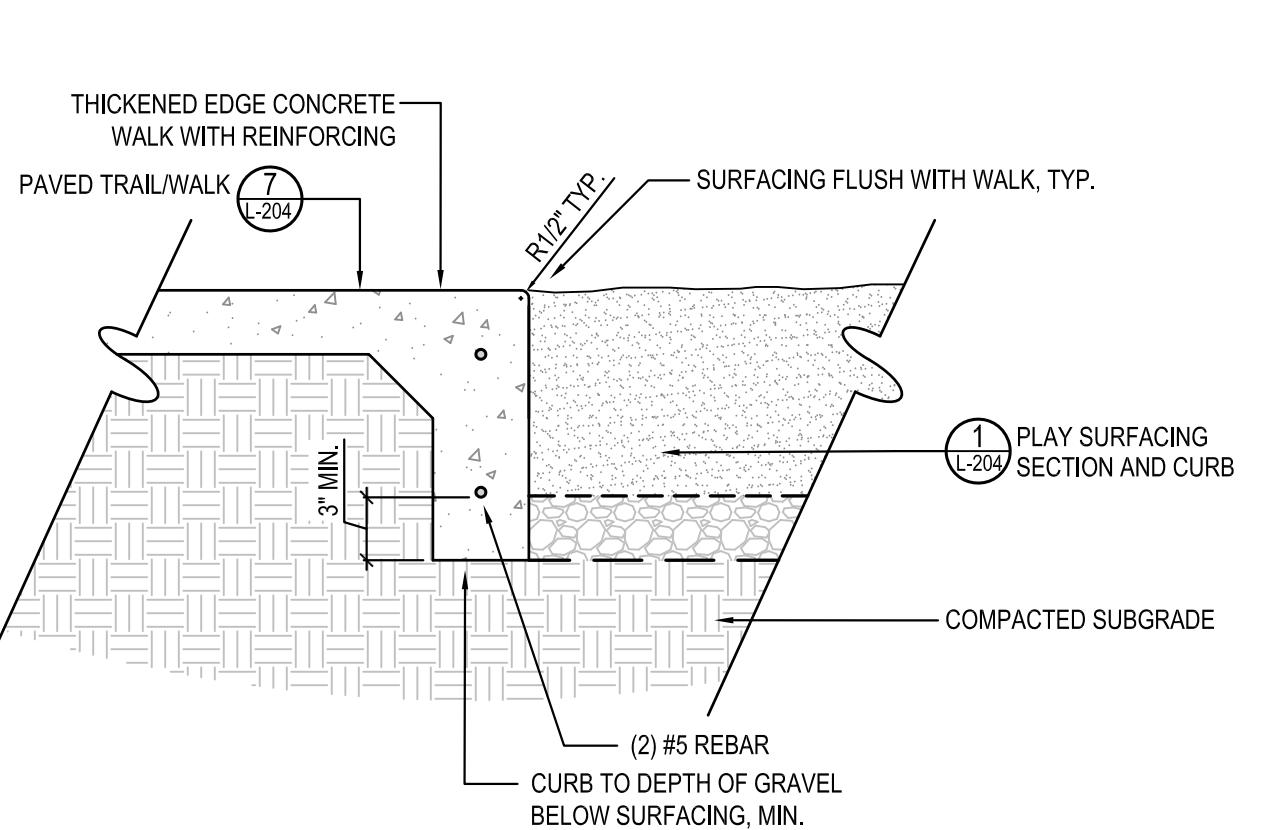
L-204

NOTE:
1. ENSURE AREAS DRAIN WELL BEFORE INSTALLING SURFACING.
2. COMPACT STONE BELOW PLAY SURFACING.
3. SEE GRADING PLAN FOR CURB HEIGHT ABOVE SURFACING AND ADJACENT GRADES.
4. LIGHT BROOM FINISH.
5. SAW CUT CONTROL JOINTS EVENLY SPACED EVERY 5'-0" ON CENTER.



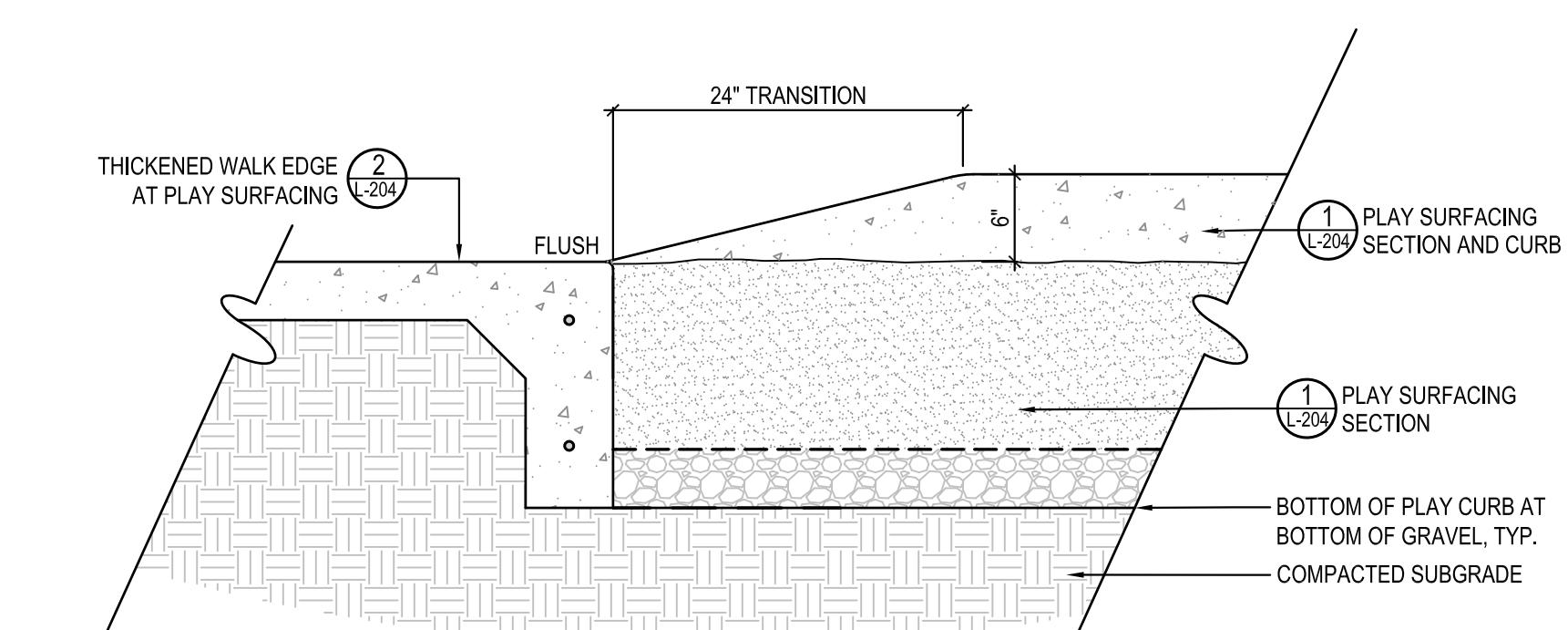
1 PLAY SURFACING SECTION AND CURB

SCALE: 1" = 1'-0"



2 THICKENED WALK EDGE AT PLAY SURFACING

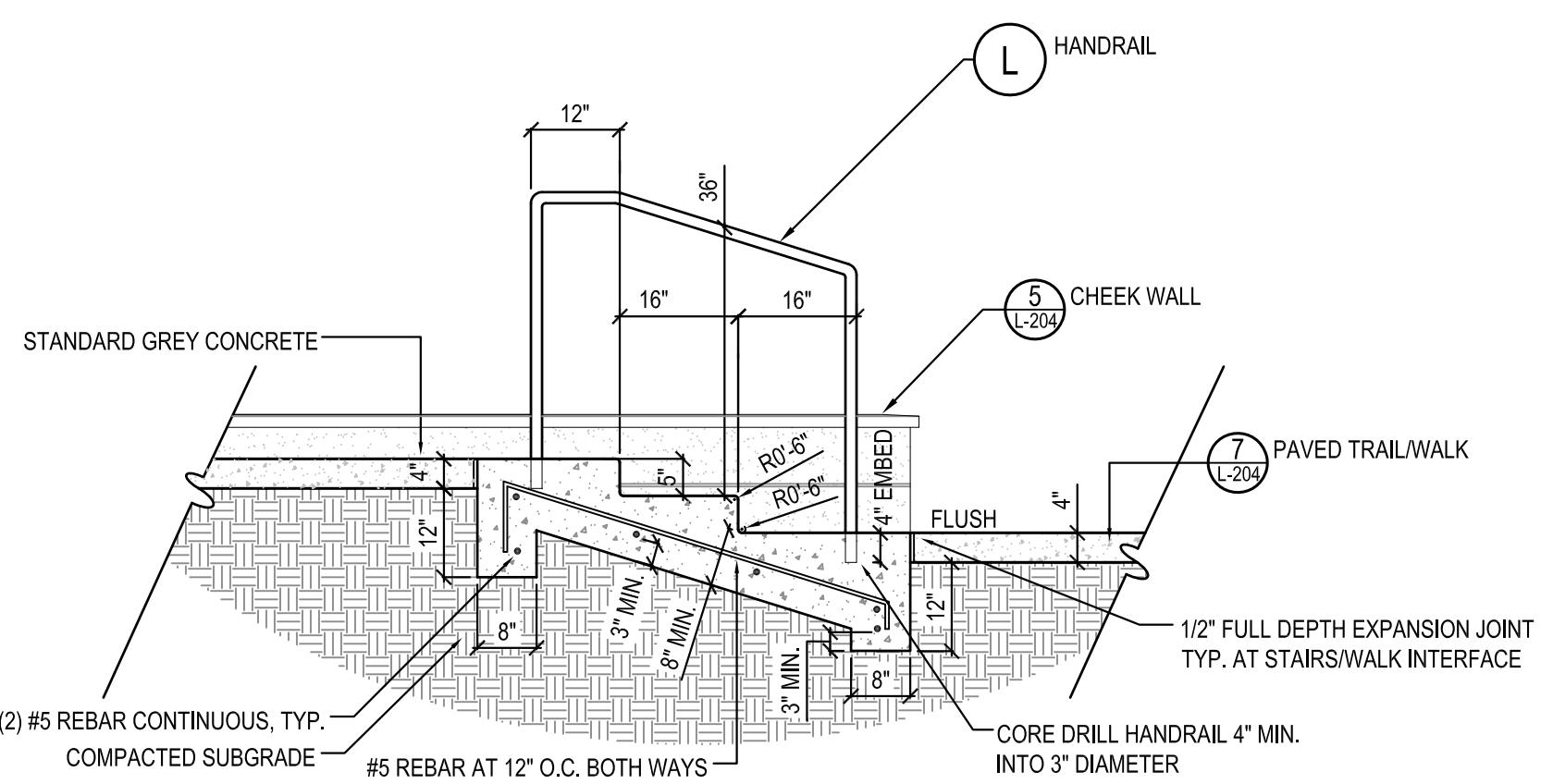
SCALE: 1" = 1'-0"



3 CURB TRANSITION AT PLAY SURFACING

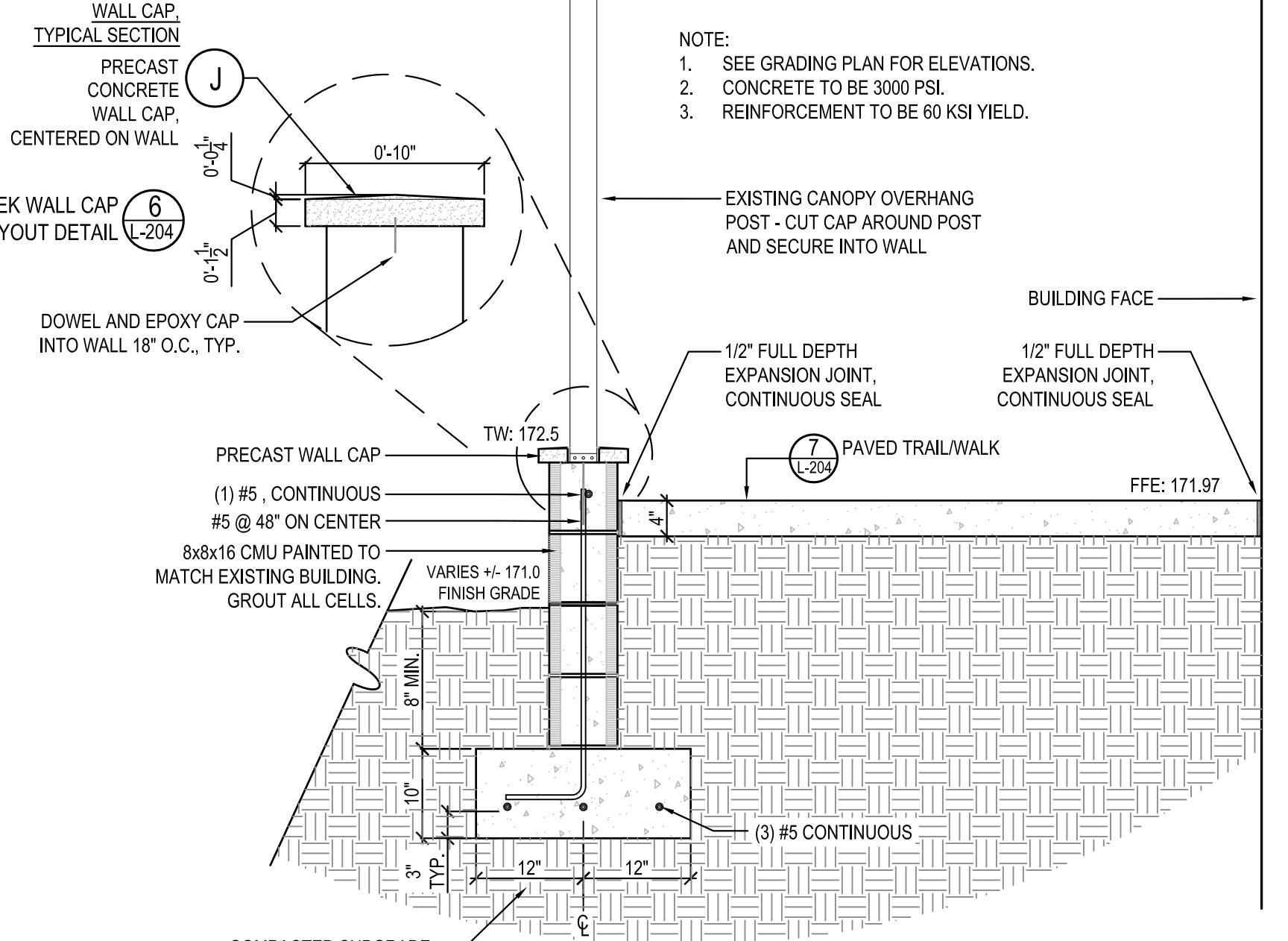
SCALE: 1" = 1'-0"

NOTE:
1. SEE GRADING PLAN FOR ELEVATIONS.
2. CONCRETE TO BE 3000 PSI.
3. HANDRAIL CLEARANCE FROM ADJACENT WALLS TO BE 1/2" MIN. - 2 1/2" MAX.



4 STAIRS

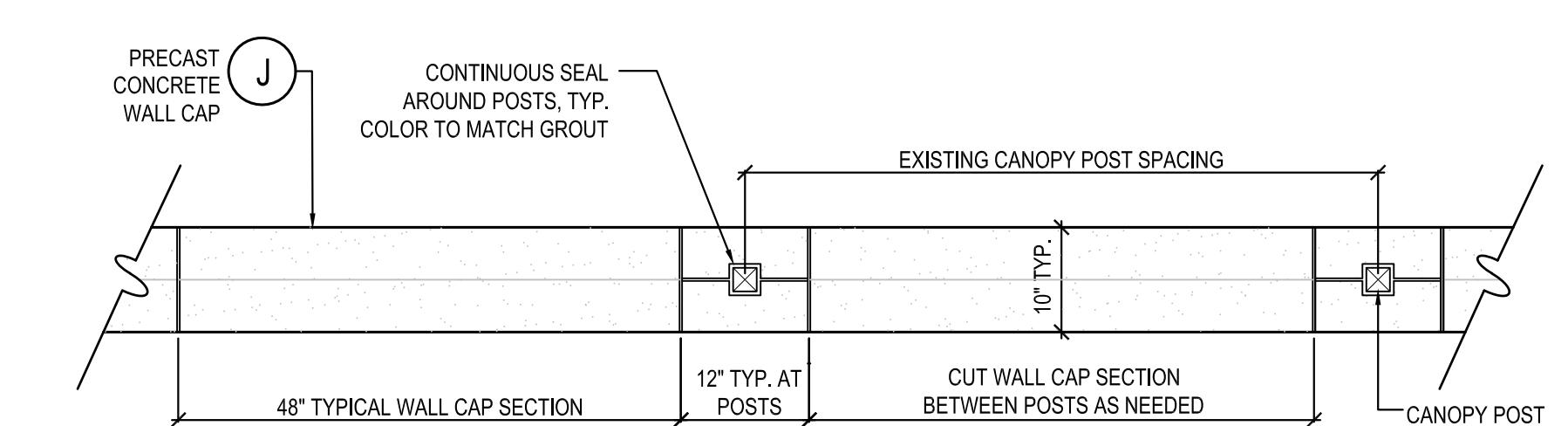
SCALE: 1/2"=1'-0"



5 CHEEK WALL

SCALE: 3/4"=1'-0"

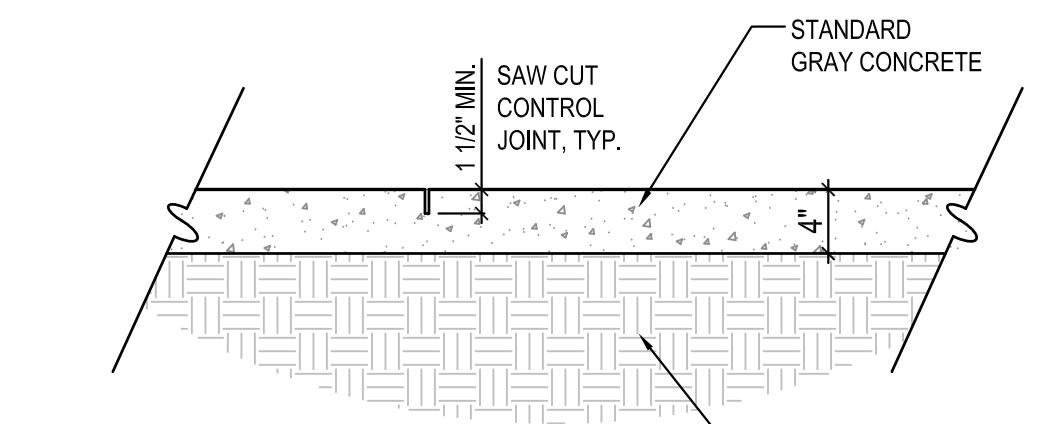
NOTE:
1. CENTER CAP ON WALL.
2. IF NEEDED, CUT CAP SECTIONS ON EITHER END OF WALL RUN SUCH THAT END PANELS ARE EQUAL AND ARE NO LESS THAN 2'-0".
3. DOWEL CAPS INTO Poured CELLS OF WALL AND EPOXY.
4. GROUT CAP JOINTS. GROUT COLOR TO MATCH WALL CAP COLOR.
5. CAP SEGMENTS TO BE FLUSH AND ALIGNED.



6 CHEEK WALL CAP LAYOUT

SCALE: 3/4"=1'-0"

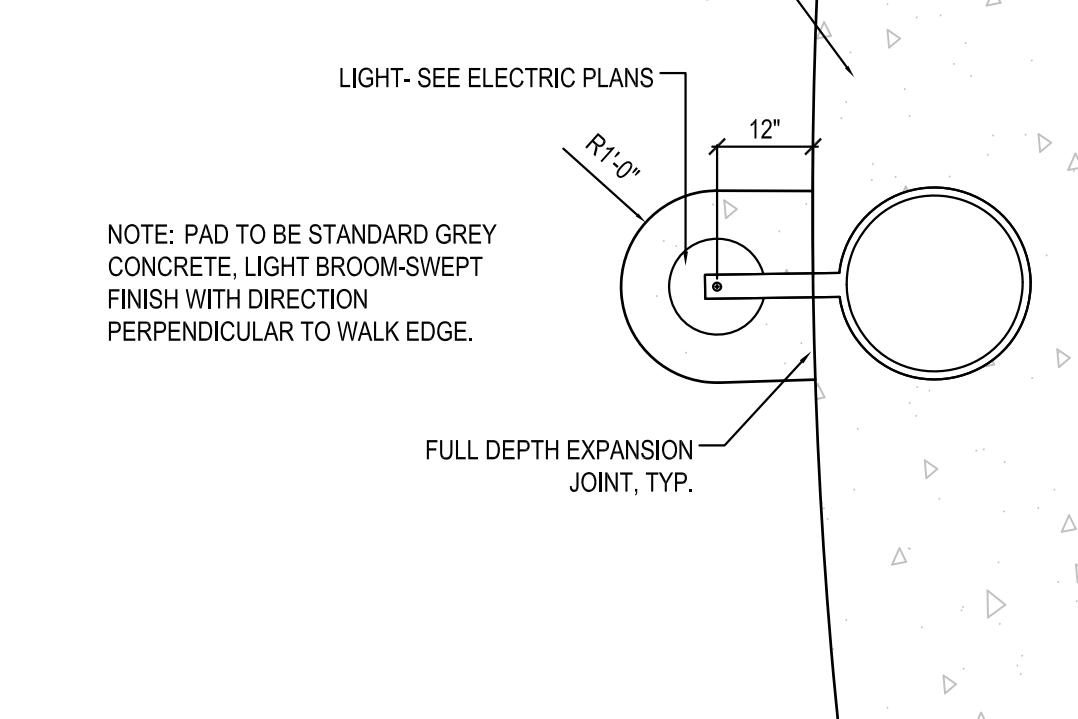
NOTE:
1. WALKS TO BE LIGHT BROOM-SWEPT FINISH, DIRECTION PERPENDICULAR TO DIRECTION OF TRAVEL.
2. CONTROL JOINTS TO BE ON CENTER AT THE WIDTH OF WALK OR AS SHOWN IN PLANS. SAW CUT AND TO DEPTH AS SHOWN.
3. EXPANSION JOINTS TO BE NO MORE THAN 30' ON CENTER AND LOCATED AS SHOWN IN PLANS. EXPANSION JOINTS TO BE 1/2" FULL DEPTH AND TO BE LOCATED, CONTINUOUS, AT INTERFACES WITH EXISTING PAVING, COLUMNS, OR WALLS AND AS SHOWN IN PLANS.
4. WALK DIRECTIONAL SLOPE TO NOT EXCEED 5%. WALK CROSS-SLOPE TO NOT EXCEED 2%.
5. CONCRETE TO BE 2800 PSI.



7 PAVED TRAIL/WALK

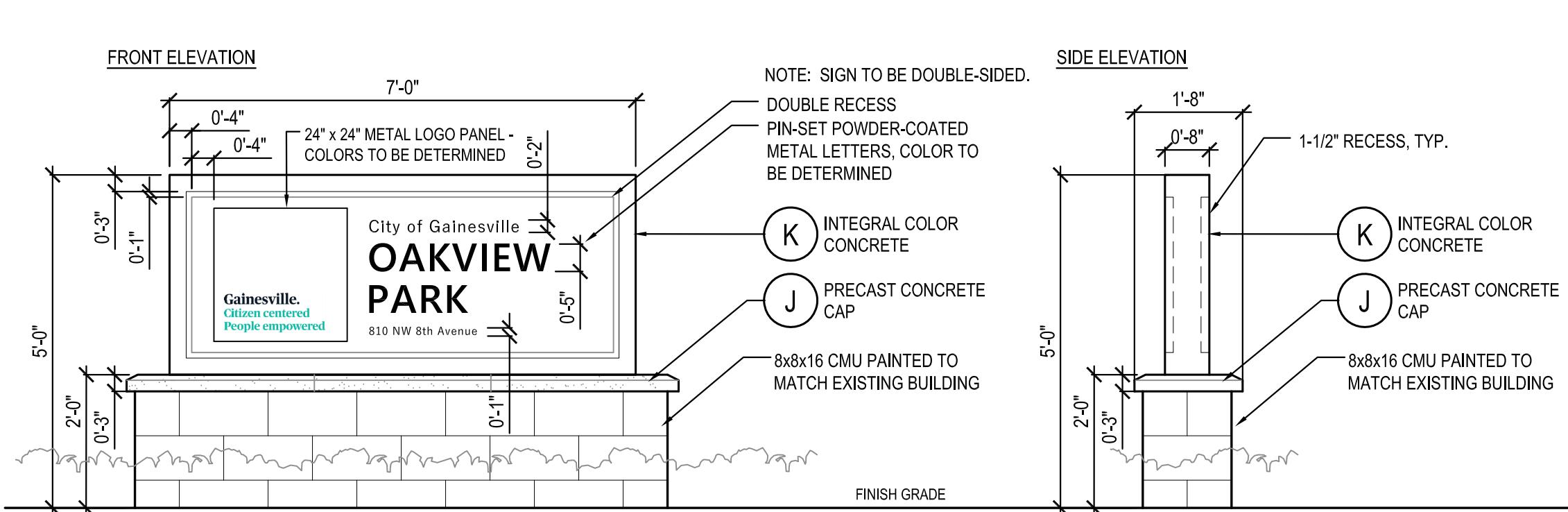
SCALE: 1" = 1'-0"

NOTE: PAD TO BE STANDARD GREY CONCRETE, LIGHT BROOM-SWEPT FINISH WITH DIRECTION PERPENDICULAR TO WALK EDGE.
FULL DEPTH EXPANSION JOINT, TYP.



8 LIGHT PAD

SCALE: 1/2"=1'-0"



9 MONUMENT SIGN

SCALE: 1/2"=1'-0"

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REVISIONS:

SCALE:

SHEET TITLE:
Hardscape Details
And Finish Schedule

SHEET NUMBER:

L-205



A
B

1 PICNIC PAVILION

SCALE: N.T.S.



D

3 BENCH

SCALE: N.T.S.



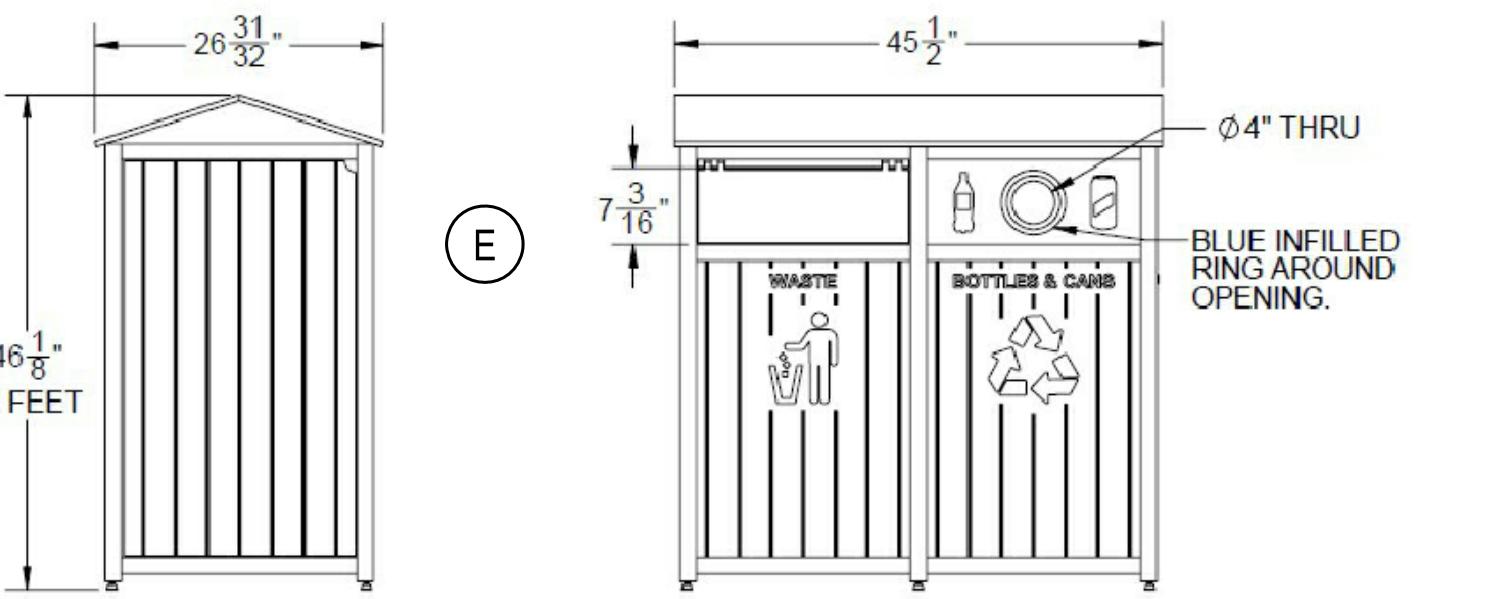
C

NOTE: MODEL '21' IN GROUND MOUNT SHOWN IN ADJACENT IMAGE, HOWEVER MODEL '22' SURFACE MOUNT IS SPECIFIED FOR THIS PROJECT.

2 BBQ GRILL

SCALE: N.T.S.

NOTE: MOUNT EACH RECEPTACLE ON A 3' x 4 1/2" CONCRETE PAD, TYPICAL. PAD TO BE LIGHT BROOM SWEEP FINISH AND FLUSH WITH ADJACENT PAVING. INSTALL FULL DEPTH EXPANSION JOINT BETWEEN PAD AND ADJACENT PAVING, TYP.



4 LITTER & RECYCLING RECEPTACLE

SCALE: N.T.S.

FINISH SCHEDULE

NOTE:
• SUBMIT SAMPLES AND SHOP DRAWINGS FOR ALL ITEMS FOR OWNER REPRESENTATIVE'S APPROVAL PRIOR TO ORDERING/INSTALLATION.
• SUBSTITUTIONS SHALL NOT BE ACCEPTED WITHOUT PRIOR APPROVAL BY OWNER REPRESENTATIVE.
• MOCK-UPS ARE REQUIRED FOR ALL PAVING TYPES AND PATTERNS. MOCK UPS MAY BE CONSTRUCTED IN PLACE AND SHALL BE A MINIMUM OF 6'-0" LENGTH FOR WALKS AND 6'-0" x 6'-0" FOR PAVING AREAS.
• ADHERE TO MANUFACTURER'S INSTALLATION PROCEDURES AND SPECIFICATIONS.

SYM	ITEM	DESCRIPTION
(A)	PICNIC PAVILION (Total Qty. 1)	PRODUCT: 'MONOSLOPE' MSE ROOF STYLE #2 PICNIC PAVILION BY POLIGON FINISH: STANDARD COLOR: STEEL ROOF 'PATINA GREEN', FRAME 'TUDOR BROWN' SUPPLIER: NATHAN ALMON, REP SERVICES, (407) 831-9658 OR NALMON@REP SERVICES.COM
(B)	PICNIC TABLE (Total Qty. 2)	PRODUCT: ULTRA PLAY 238 SERIES ACCESSIBLE PICNIC TABLE, 6' FINISH: STANDARD PLASTISOL COATING COLOR: BROWN POSTS AND GREEN TABLE SUPPLIER: ULTRA PLAY, (800) 458-5872 OR WWW.ULTRAPLAY.COM
(C)	BBQ GRILL (Total Qty. 1)	PRODUCT: DUMOR SURFACE-MOUNT BBQ 'GRILL 22' FINISH: STANDARD COLOR: BLACK SUPPLIER: NATHAN ALMON, REP SERVICES, (407) 831-9658 OR NALMON@REP SERVICES.COM
(D)	TYPICAL BENCH (Total Qty. 7)	PRODUCT: ULTRA PLAY 940 SERIES BENCH, 6' LENGTH, DIRECT BURY FINISH: STANDARD PLASTISOL COATING COLOR: BROWN POSTS AND GREEN SEAT AND BACK SUPPLIER: ULTRA PLAY, (800) 458-5872 OR WWW.ULTRAPLAY.COM
(E)	TYPICAL RECEPTACLE (Total Qty. 6)	PRODUCT: CITY OF GAINESVILLE PRCA STANDARD BY ARETE FURNISHINGS FINISH: STANDARD COLOR: STANDARD GREEN TO MATCH EXISTING SUPPLIER: ARETE, DAN MORRISON AT DAN.MORRISON@ARETEINDUSTRIES.US
(F)	DOG WASTE STATION (Total Qty. 4)	PRODUCT: ALUMINUM DOGIPOT PET STATION NO. 1003-L BY DOGIPOT FINISH: STANDARD COLOR: GREEN SUPPLIER: DOGIPOT (800) 364-7681 AND WWW.DOGIPOT.COM
(G)	BIKE RACKS (Total Qty. 2)	PRODUCT: ULTRA SITE CONTEMPORARY INVERTED BIKE RACK, SURFACE MOUNT, MODEL 5801SM FINISH: STANDARD COLOR: BRONZE/BROWN SUPPLIER: ULTRA SITE, (800) 45WWW.ULTRA-SITE.COM, OR APPROVED EQUAL
(H)	ENGINEERED WOOD FIBER PLAY MULCH	PRODUCT: IRVINE WOOD RECOVERY ENGINEERED WOOD FIBER PLAY MULCH FINISH: STANDARD COLOR: STANDARD SUPPLIER: NATHAN ALMON, REP SERVICES, (407) 831-9658 OR NALMON@REP SERVICES.COM
(I)	GREEN SCREEN	PRODUCT: FREESTANDING VERTICAL GREENSCREEN FENCE/SCREEN SYSTEM, 6 FT. TALL x 10 FT. WIDE FINISH: STANDARD POWDERCOAT COLOR: BLACK SUPPLIER: GREENSCREEN, (800) 450-3494 OR WWW.GREENSCREEN.COM
(J)	PRECAST CONCRETE	PRODUCT: INTEGRAL COLOR PRECAST CONCRETE FINISH: SMOOTH COLOR: TBD SUPPLIER: LINDSAY CONCRETE, (800) 669-2278 OR WWW.LINDSAYPRECAST.COM/PRECAST-CONCRETE
(K)	INTEGRAL COLOR CONCRETE	PRODUCT: INTEGRAL COLOR PRECAST CONCRETE FINISH: SMOOTH COLOR: TBD SUPPLIER: SCOFIELD CONCRETE, ROB TARTAGLIA (561) 402-6397 OR EMAIL: TARTAGLIA.ROB@US.SIKA.COM
(L)	HANDRAIL	PRODUCT: 1-1/4" SCHEDULE 40 STAINLESS STEEL PIPE HANDRAIL (O.D. 1.66") FINISH: STAINLESS STEEL COLOR: NATURAL SUPPLIER: TBD



F

5 DOG WASTE STATION

SCALE: N.T.S.



G

6 BIKE RACKS

SCALE: N.T.S.



I

7 GREEN SCREEN

SCALE: N.T.S.

GREENSCREEN SYSTEM CONSISTS OF TWO 2'-0" PANELS ON EITHER SIDE OF A CENTRAL 4'-0" PANEL (4 POSTS TOTAL). ALL PANELS ARE 6'-0" TALL. INCLUDES POSTS, POST FOOTINGS, CLIPS, AND TOP AND BOTTOM TRIM. ASSEMBLE AND INSTALL AS PER MANUFACTURER'S SPECIFICATIONS AND STANDARD DETAILS. CONFIRM LOCATION AND OFFSET FROM BUILDING FAÇADE IN THE FIELD WITH THE OWNER PRIOR TO INSTALLATION.

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

REVISIONS:

SCALE:

0 10' 20' 40'
SCALE: 1" = 20'

SHEET TITLE: IRRIGATION PLAN

SHEET NUMBER:

L-401

IRRIGATION NOTES

- LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL - SEE LOGO BELOW.
- COORDINATE A PRE-CONSTRUCTION MEETING ON SITE WITH THE OWNER AND LANDSCAPE ARCHITECT TO DISCUSS PROPOSED IRRIGATION DESIGN PRIOR TO INSTALLATION. CONTACT A MINIMUM OF ONE WEEK PRIOR TO REQUESTED MEETING DATE.
- ANY IRRIGATION ITEMS NORMALLY INSTALLED IN LANDSCAPE AREAS THAT ARE SHOWN OUTSIDE OF LANDSCAPE AREAS OR OUTSIDE OF THE PROPERTY LINES ARE SHOWN AS SUCH FOR GRAPHIC CLARITY ONLY. INSTALL THESE ITEMS INSIDE OF PROPERTY LINES AND IN LANDSCAPE AREAS.
- ANY EXISTING TREE ROOTS, WHEN ENCOUNTERED DURING INSTALLATION OF UTILITIES, SHALL BE CUT OFF EVENLY WITH CLEAN SHARP PRUNING TOOLS AND COVERED WITH SOIL AS SOON AS POSSIBLE TO REDUCE DEHYDRATION. THE CONTRACTOR/DEVELOPER SHALL MINIMIZE THE DAMAGE TO EXISTING TREE ROOT SYSTEMS.
- CONNECT TO THE RP BACKFLOW PREVENTER STUBOUT AS THE POINT OF CONNECTION.
- INSTALL TWO SPARE (#14 BLACK) WIRES FROM THE CONTROLLER TO THE FARTHEST VALVE LOCATION.
- IRRIGATION HEADS SHALL BE LOCATED MINIMUM ONE (1) FOOT FROM ANY WALL, COLUMN, OR BUILDING EDGE/FACE.
- IRRIGATION HEADS SHALL BE DIRECTIONED AWAY FROM BUILDINGS, GROUND SIGNS, AND OTHER VERTICAL IMPROVEMENTS AT ALL TIMES, SUCH THAT SPRAY DOES NOT HIT BUILDING FACE, COLUMN, WALL, ETC.
- IRRIGATION HEADS SHALL NOT OVERTHROW ONTO ADJACENT PAVING.
- ADJUST THE IRRIGATION SYSTEM COMPONENTS AND EXISTING SYSTEM TO PROVIDE UNIFORM COVERAGE. ASSURE THAT THE SYSTEM PROVIDES 100% COVERAGE OF ALL LANDSCAPE MATERIALS INCLUDING SHRUBS, GROUND COVER, AND TREES.
- CONTROLLER TO BE A TWO-WIRE CONTROLLER TO ACCOMMODATE ANY POSSIBLE FUTURE CHANGES TO PARK AREAS AND LANDSCAPE.
- CONFIRM THE CONTROLLER AND WEATHER SENSOR LOCATIONS WITH THE OWNER AND ARCHITECT PRIOR TO INSTALLATION.
- INSTALL SLEEVES IN LOCATIONS WHERE IRRIGATION PIPING RUNS BELOW PAVING.
- IRRIGATION DESIGN SHALL PROMOTE WATER CONSERVATION METHODS.
- NO IRRIGATION TO BE INSTALLED INSIDE OF THE DESIGNATED WETLAND LINE. ONLY OVERTHROW INTO THESE AREAS. SHRUBS AND GROUNDCOVER AREAS OUTSIDE OF WETLAND LINE TO BE IRRIGATED WITH DRIP TUBING. INCLUDE TWO BUBBLERS OR MICRO-SPRAYS AT EACH PROPOSED TREE LOCATED OUTSIDE OF WETLAND LINE. TREES, SHRUBS, AND GROUNDCOVER AREAS INSIDE OF WETLAND LINE TO BE IRRIGATED VIA OVERSPRAY BY SPRAYHEADS LOCATED ALONG AND OUTSIDE OF WETLAND LINE THAT SPRAY INTO AREA. SUPPLEMENT WITH HAND-WATERING DURING THE ESTABLISHMENT PERIOD AS NEEDED.
- EXISTING SOD AREAS TO REMAIN NOT TO BE IRRIGATED EXCEPT FOR OVERTHROW FROM ADJACENT NEW SOD AREAS. NEW SOD AREAS TO BE IRRIGATED FOR ESTABLISHMENT.
- PROVIDE PROOF TO THE OWNER'S REPRESENTATIVE THAT ALL AVAILABLE MAINTENANCE MANUALS FOR EACH OF THE PRODUCTS INCLUDED IN THIS INSTALLATION HAVE BEEN PROVIDED TO THE OWNER OR OWNER'S REPRESENTATIVE.



KNOW WHAT'S
BELOW
ALWAYS CALL 811
BEFORE YOU DIG
It's fast, it's free, it's the law.
Call 811 two business days
before digging

IRRIGATION LEGEND

● RAIN BIRD 1804-SAM WITH 80 NOZZLE - TREES

— LIMITS OF TOP DL2000 DRIP TUBING - RAIN BIRD XFS TUBING WITH COPPER SHIELD TECHNOLOGY IS ACCEPTABLE SUBSTITUTION. USE CORRESPONDING FITTINGS FOR DRIP APPLICATIONS.

▲ LOCATION OF LINE FLUSHING VALVE, DRIP AIR/VACUUM RELIEF VALVE AND RAIN BIRD OPENEND

□ 1 1/2" REDUCED PRESSURE BACKFLOW PREVENTER AND POINT OF CONNECTION TO 1" METER

— 1 1/2" CL200 SOLVENT WELD PVC ROUTING

— CL 200 OR BETTER ZONE PIPE ROUTING

● RAIN BIRD PESB-100-PRS-D 1" GLOBE VALVE

■ RAIN BIRD 1" 5-LRC LOCKING RUBBER COVER QUICK COUPLING VALVE

— SCHEDULE 40 PVC SLEEVING LOCATION

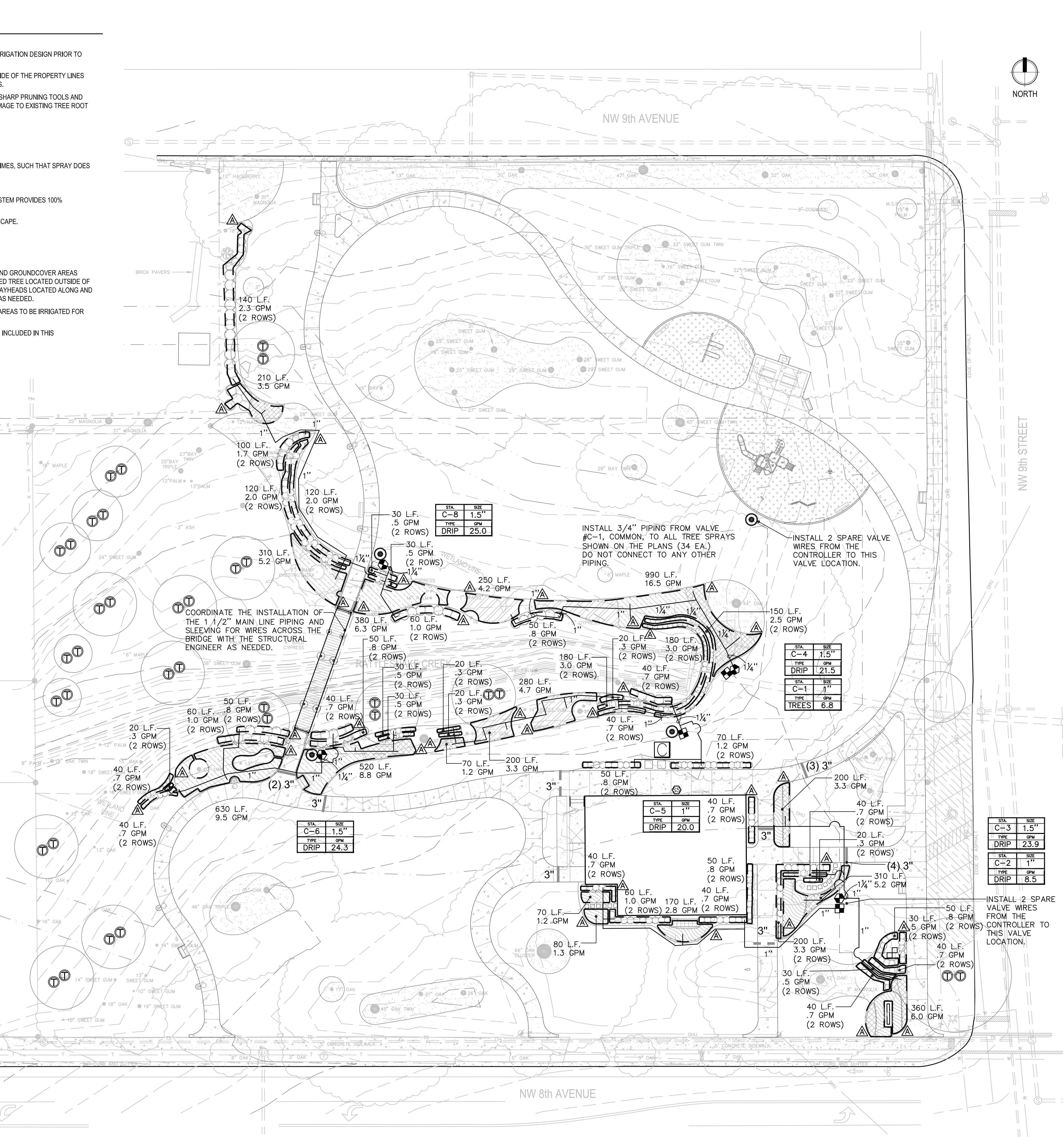
○ HUNTER ICC-600M CONTROLLER WITH ONE EXTRA ICM-600 MODULE AND ACC-PED PEDESTAL

◎ HUNTER WSS-SEN SOLAR SYNC SENSOR

■ VALVE PROGRAMMING, SIZE, APPLICATION AND GALLONAGE

STA	SIZE
C-2	1"

TYPE GPM
Drip 11.2



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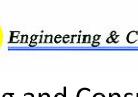
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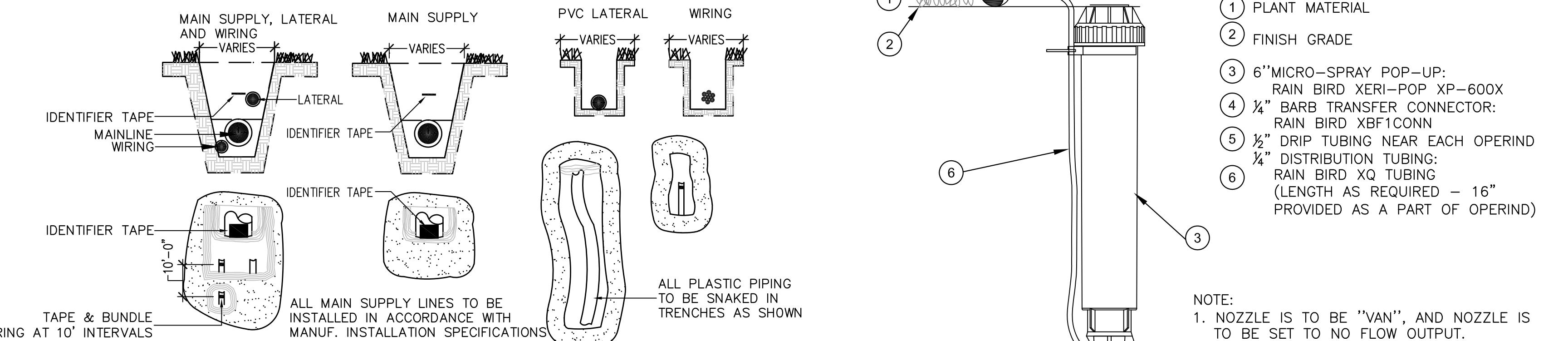
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NOT FOR CONSTRUCTION

GENERAL IRRIGATION NOTES

- SHRUBS AND GROUNDCOVER AREAS TO BE IRRIGATED WITH DRIP TUBING FOR MOST ECONOMICAL INSTALLATION.
- NO IRRIGATION TO BE INSTALLED IN DESIGNATED WETLAND AREAS.
- CONTRACTOR TO PROVIDE THE OWNER WITH TWO QUICK COUPLING KEY AND HOSE SWIVEL ASSEMBLIES TO ACCOMMODATE 1" HOSES. - (2) RAIN BIRD 55-K AND (2) RAIN BIRD SH-2 WITH TEFLOON TAPE, ASSEMBLED.
- ANY IRRIGATION ITEMS NORMALLY INSTALLED IN LANDSCAPE AREAS THAT ARE SHOWN OUTSIDE OF LANDSCAPE AREAS OR OUTSIDE OF THE PROPERTY LINES ARE SHOWN AS SUCH FOR GRAPHIC CLARITY ONLY. INSTALL THESE ITEMS INSIDE OF PROPERTY LINES AND IN LANDSCAPE AREAS.
- PROVIDE PROOF TO THE LANDSCAPE ARCHITECT THAT ALL AVAILABLE MAINTENANCE MANUALS FOR EACH OF THE PRODUCTS INCLUDED IN THIS INSTALLATION HAVE BEEN PROVIDED TO THE OWNER OR OWNER'S REPRESENTATIVE.
- ANY EXISTING TREE ROOTS, WHEN ENCOUNTERED DURING INSTALLATION OF UTILITIES, SHALL BE CUT OFF EVENLY WITH CLEAN SHARP PRUNING TOOLS AND COVERED WITH SOIL AS SOON AS POSSIBLE TO REDUCE DEHYDRATION. THE CONTRACTOR/DEVELOPER SHALL MINIMIZE THE DAMAGE TO EXISTING TREE ROOT SYSTEMS.
- INSTALL THE SYSTEM IN ACCORDANCE WITH THE LOCAL CODES REGARDING IRRIGATION SYSTEMS.
- CONNECT TO THE METER (OR STUBOUT) AS THE POINT OF CONNECTION. INSTALL A 1 1/2" RP BACKFLOW PREVENTER AT THAT POINT.



1 PIPE AND WIRE TRENCH CONFIGURATION

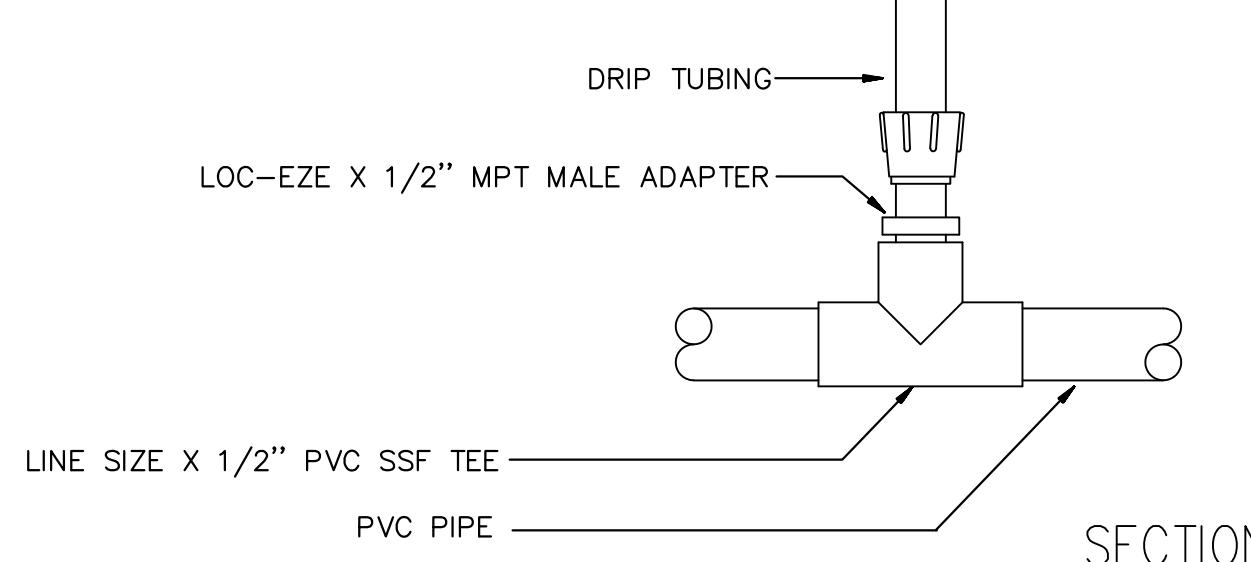
SCALE: N.T.S.

2 RAIN BIRD OPERIND CONNECTION

SCALE: N.T.S.

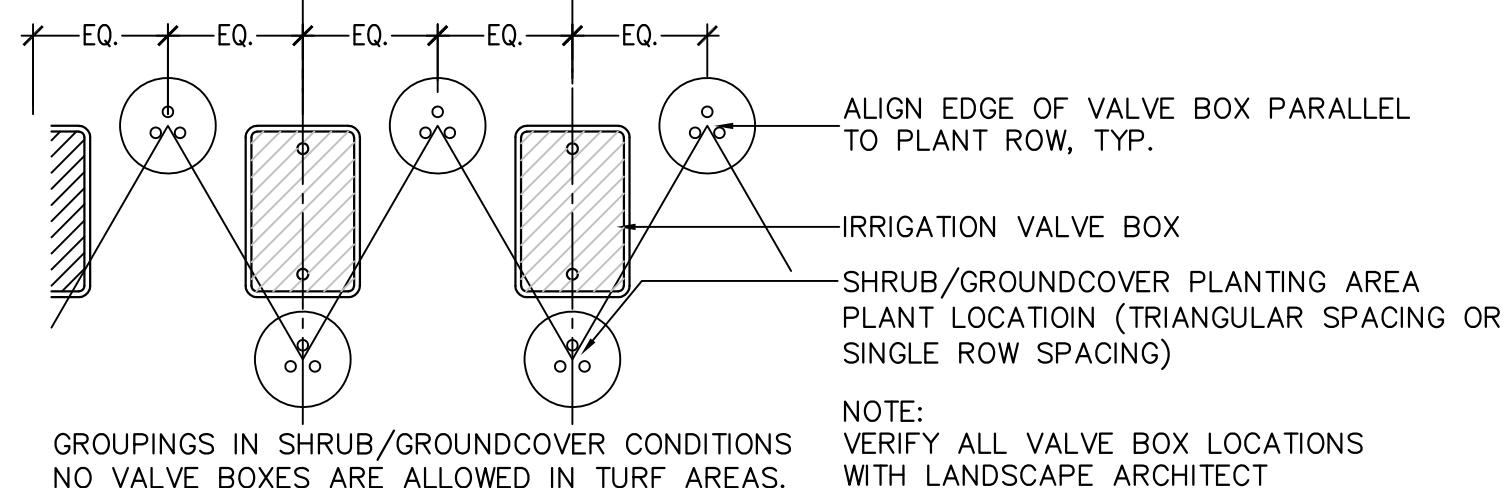
3 VALVE WITH FILTER SCHEMATIC

SCALE: N.T.S.



4 MANIFOLD CONNECTION (PVC TO ADAPTER)

SCALE: N.T.S.

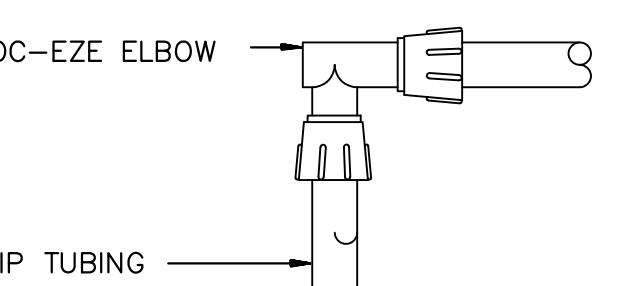
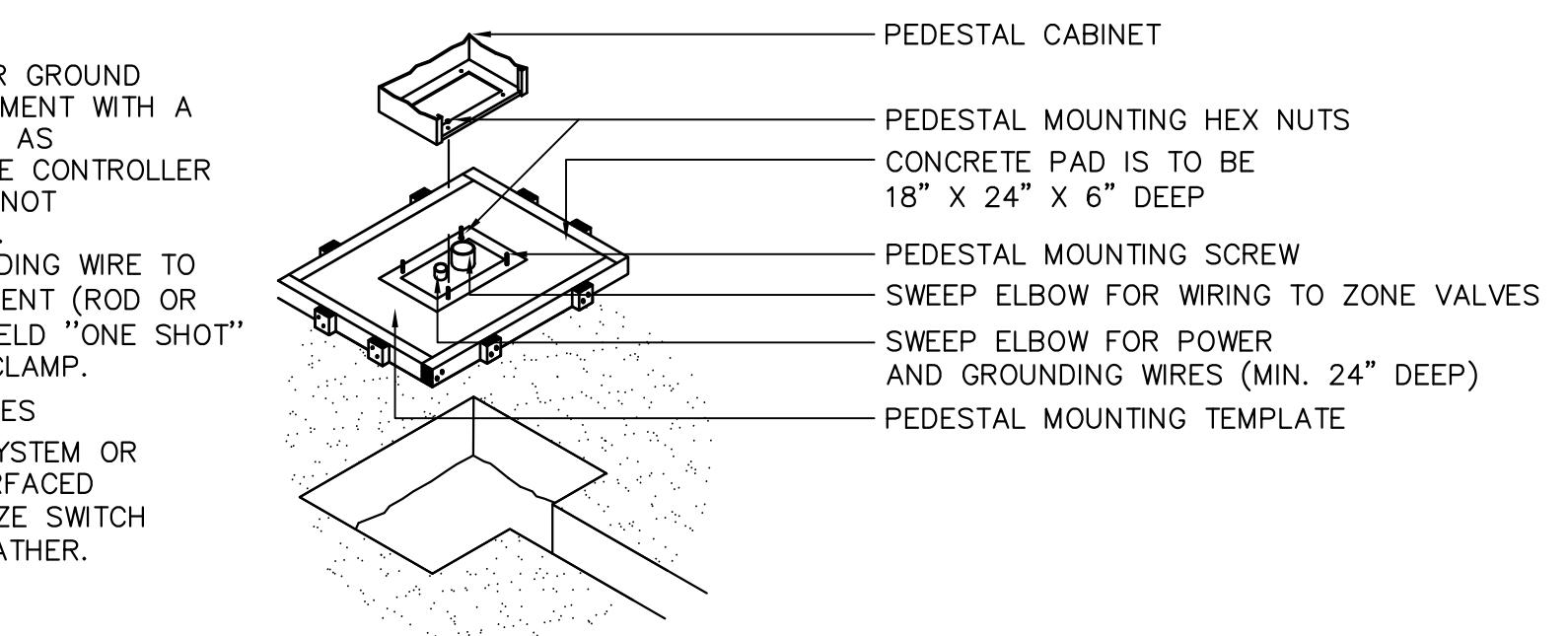


9 TYPICAL VALVE BOX GROUPING

SCALE: N.T.S.

4 CONTROLLER MOUNTING

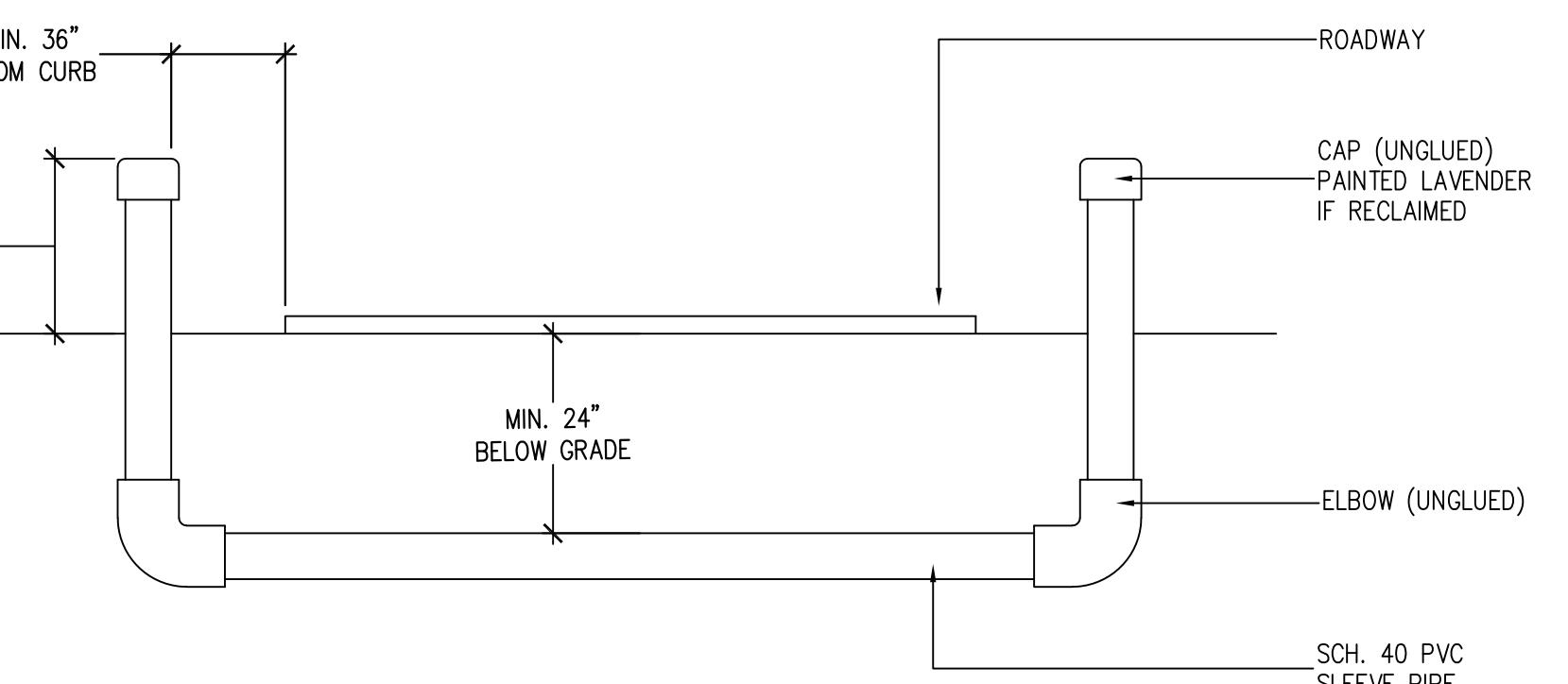
SCALE: N.T.S.



SECTION

7 LOC-EZE ELBOW (T-FEEE16)

SCALE: N.T.S.

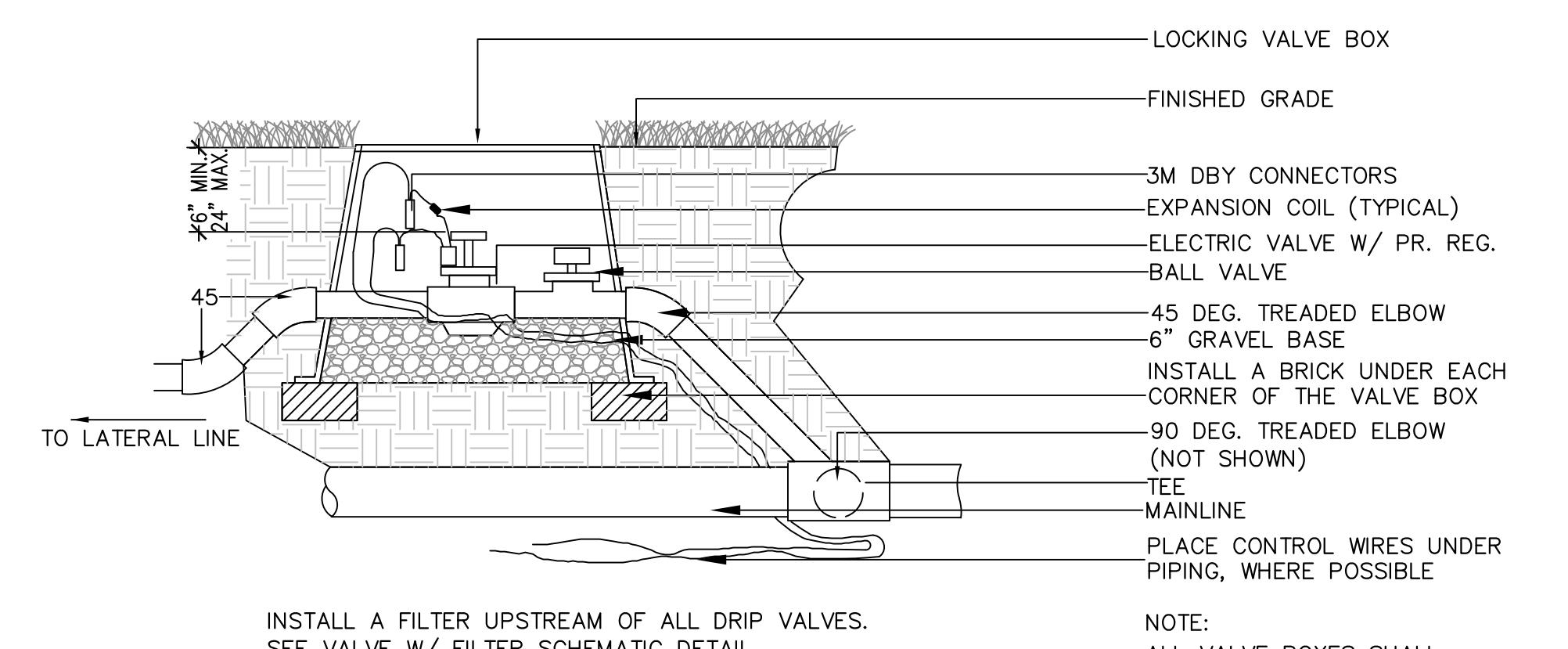


10 SLEEVE DETAIL

SCALE: N.T.S.

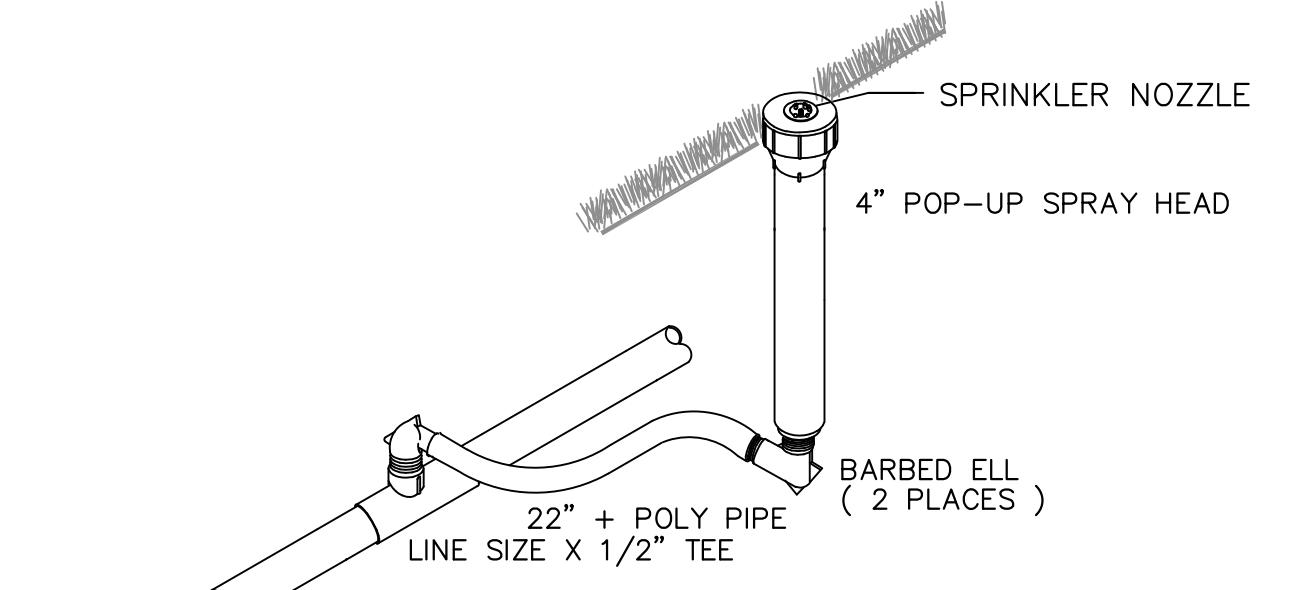
5 LOC-EZE TEE (T-FTT16)

SCALE: N.T.S.



8 ZONE VALVE INSTALLATION

SCALE: N.T.S.



11 4" SPRAY HEAD AT GRADE

SCALE: N.T.S.

PROJECT NO: 18-050

CLIENT'S NO:

ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

REVISIONS:

SCALE:

AS SHOWN

SHEET TITLE:

IRRIGATION DETAILS

SHEET NUMBER:

L-402

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville WSPP

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PROJECT NO: 18-050
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SCALE:
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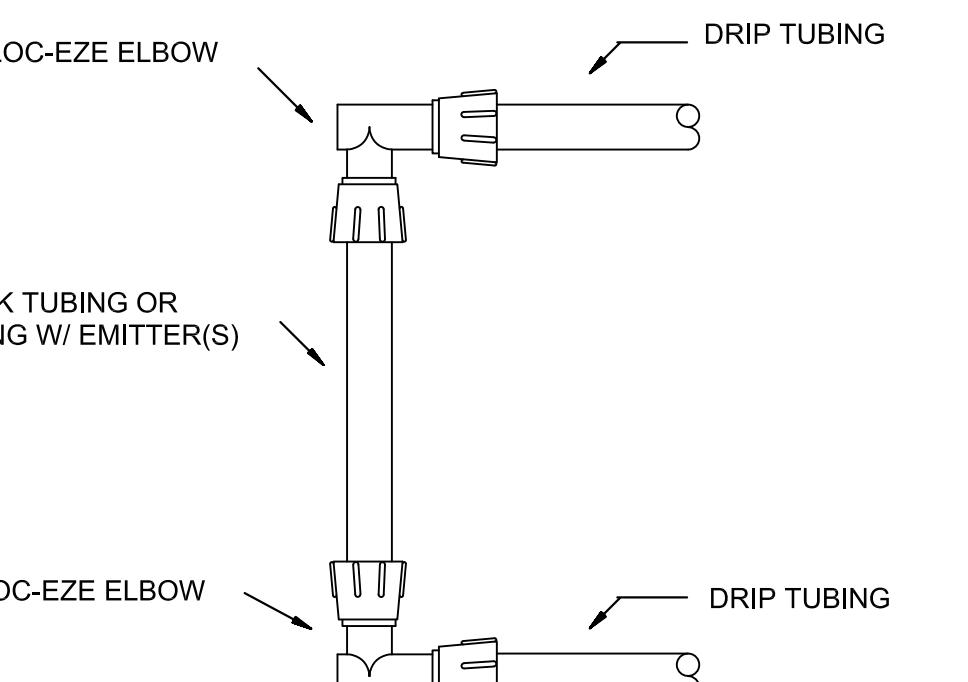
SECTION
IRRIGATION DETAILS

SECTION
IRRIGATION DETAILS

L-403

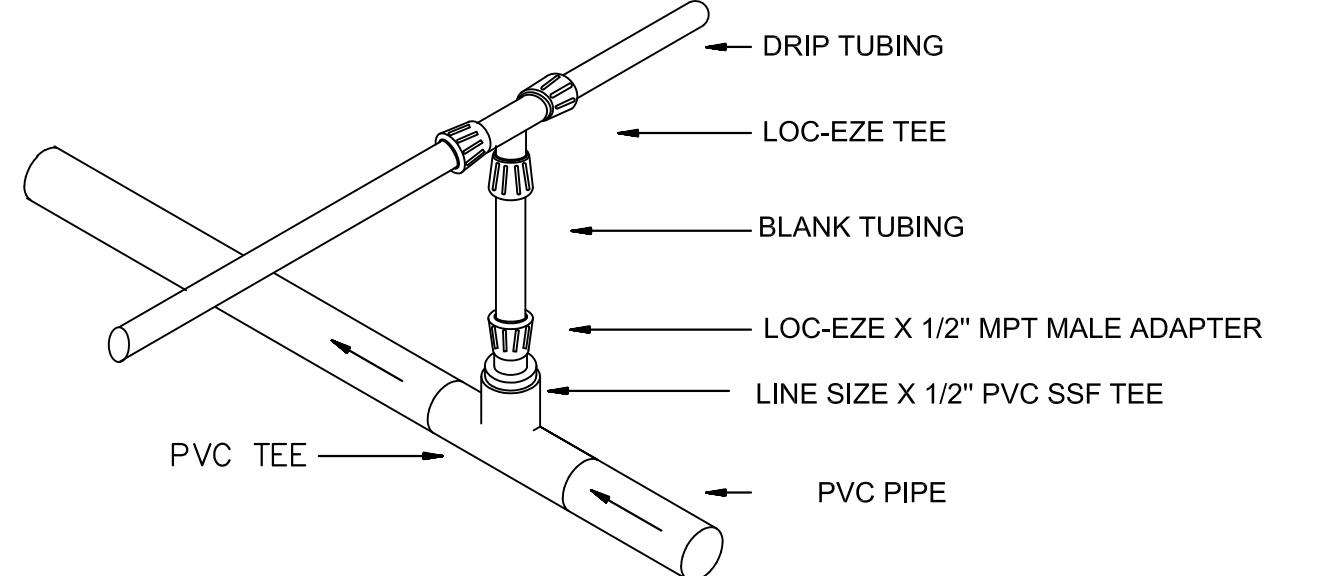
DRIP TUBING NOTES

1. INSTALL TORO DL2000 TUBING WITH ALL FITTINGS AS NECESSARY FOR ALL DRIP TUBING (GROUND COVER AND SHRUB) APPLICATIONS.
2. INSTALL 2 ROWS OF TUBING IN EACH AREA. INSTALL TUBING AT FINISHED GRADE UNDER THE MULCH.
3. LOOP ALL RUNS OF TUBING WITH A MAXIMUM LOOP DISTANCE FROM THE SUPPLY MANIFOLD OF 300'.
4. INSTALL ONE TORO T-ALFD15150L FILTER WITH A STAINLESS STEEL 150 MESH (104 MICRONS) SCREEN FOR EACH VALVE.
5. INSTALL A TORO #T-FCH-H-FTPI FLUSHING VALVE AT EACH OF THE AIR/VACUUM RELIEF VALVE LOCATIONS WITH ALL FITTINGS AS NECESSARY TO FLUSH THE SYSTEM INTO THE LANDSCAPE, WHEN NECESSARY.
6. INSTALL A TORO #T-YD-500-34 VACUUM/AIR RELIEF VALVE AT THE OPPOSITE ENDS OF THE LOOPED NETWORK AND AT THE TERMINATION OF THE SUPPLY MANIFOLD FROM THE AUTOMATIC VALVE. INSTALL A MANUAL LINE FLUSHING VALVE AT EACH LOCATION.
7. INSTALL A RAIN BIRD "OPERIND" AT EACH VACUUM/AIR RELIEF VALVE LOCATION.
8. DRIP TUBING QUANTITIES ON PLANS ARE APPROXIMATE. CONTRACTOR TO VERIFY EXACT QUANTITIES. CONTRACTOR TO BE PAID FOR ACTUAL QUANTITY OF DRIP TUBING AND BLANK TUBING INSTALLED UP TO A MAXIMUM AS SHOWN ON THE PLANS.
9. QUANTITIES ON PLANS DO NOT INCLUDE BLANK TUBING, LINE FLUSHING VALVES, AIR RELIEF VALVES OR PVC HEADERS. INCLUDE THESE ITEMS AND ANY OTHER ITEMS NECESSARY FOR A FULLY FUNCTIONING AUTOMATIC SYSTEM IN BID AND INSTALLATION.
10. INSTALL LANDSCAPE STAPLES 6'0" C. AND ANYWHERE ELSE NECESSARY TO SECURE TUBING TO THE GROUND.
11. FOLLOW THE MANUFACTURER'S INSTALLATION GUIDELINES INCLUDED WITH THE PRODUCTS.
12. DO NOT CURVE TUBING TO LOOP AT THE ENDS OF RUNS. INSTEAD USE (2) 90 DEG. FITTINGS AND A SHORT PIECE OF TUBING.



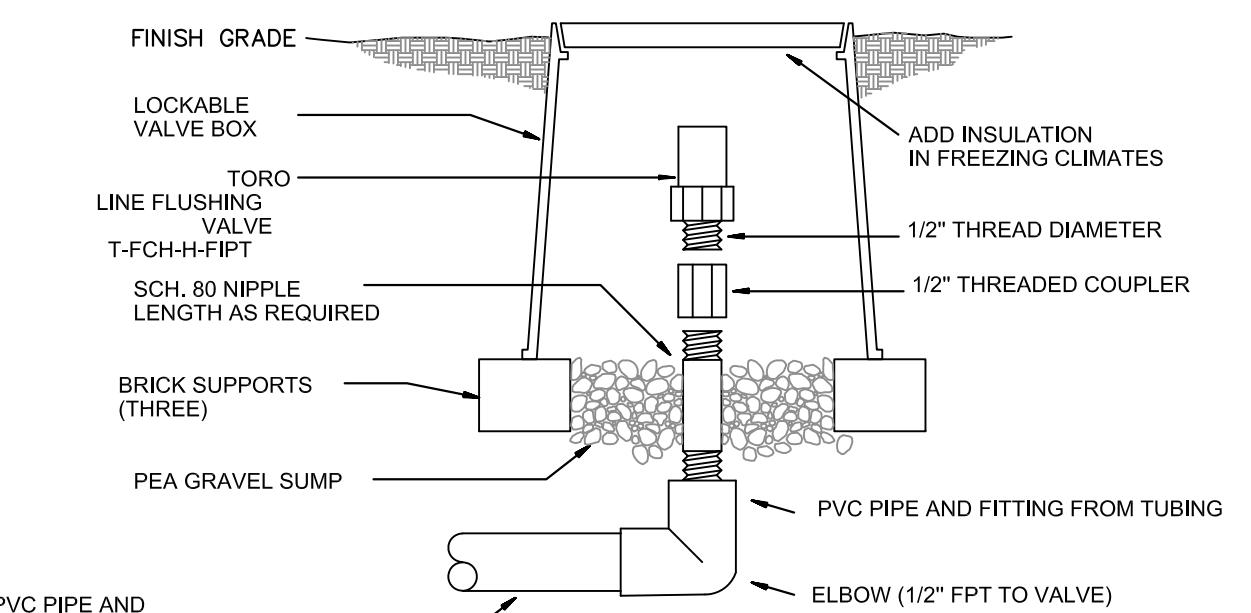
1 LOC-EZE ELBOW LOOP

SCALE: N.T.S.



2 MANIFOLD CONNECTION (CENTER FEED)

SCALE: N.T.S.

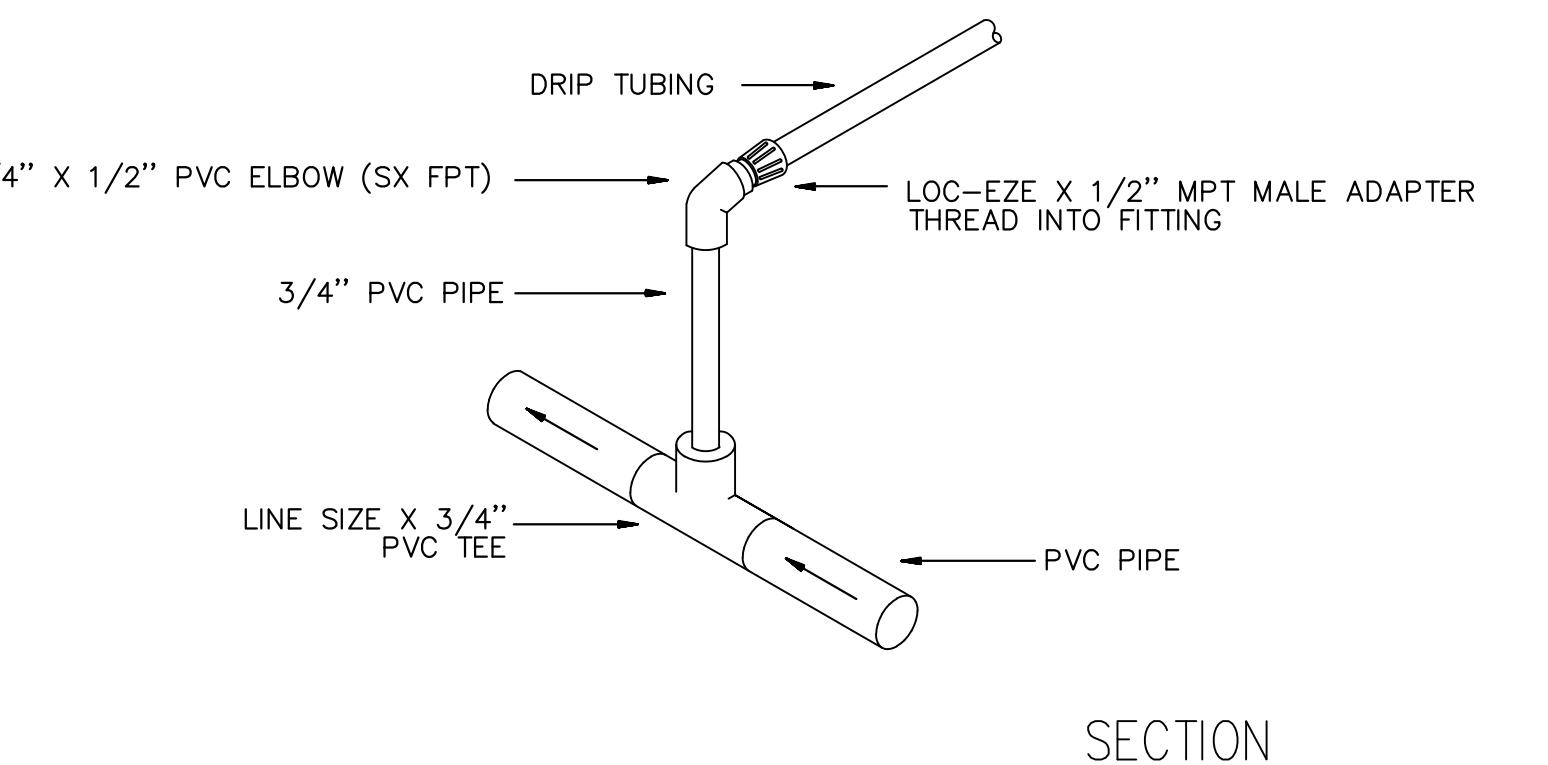


3 MANIFOLD CONNECTION (PVC TO ADAPTER)

SCALE: N.T.S.

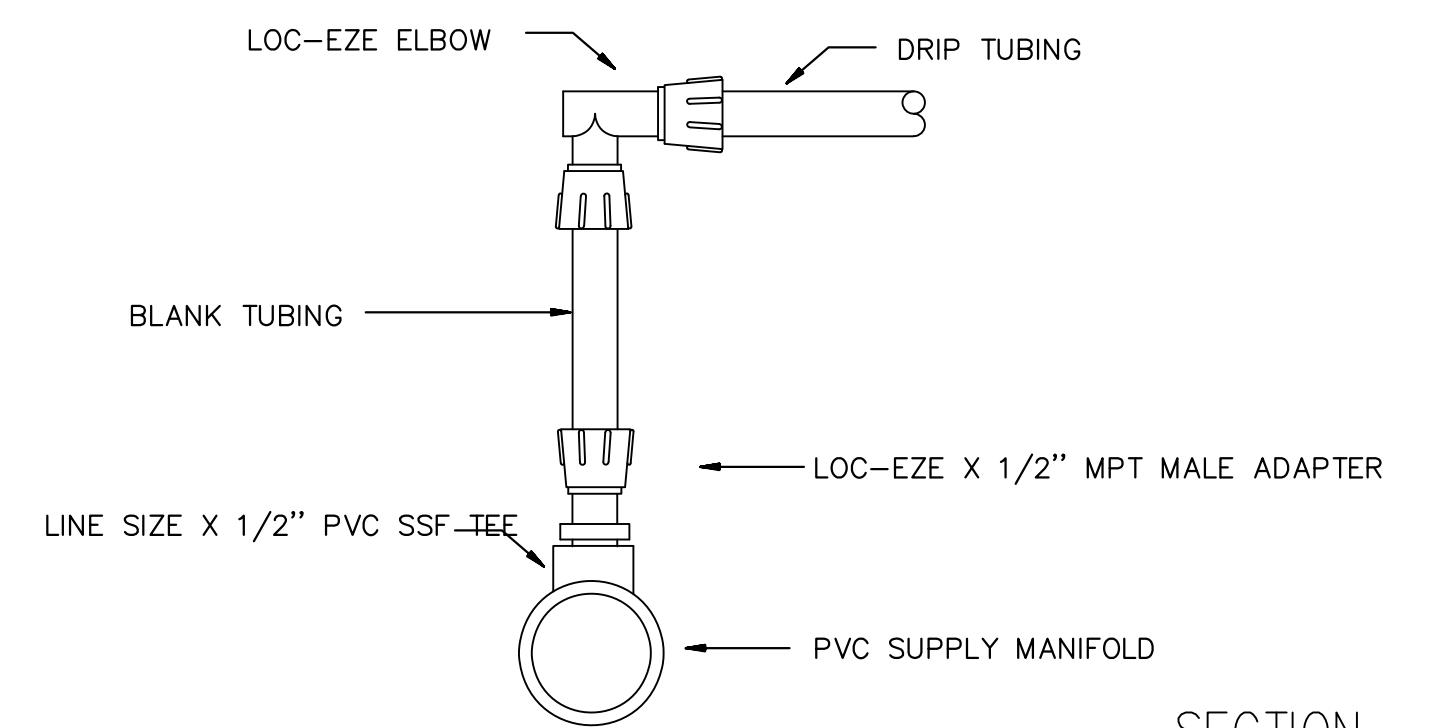
4 FLUSHING VALVE

SCALE: N.T.S.



5 AIR RELIEF VALVE

SCALE: N.T.S.

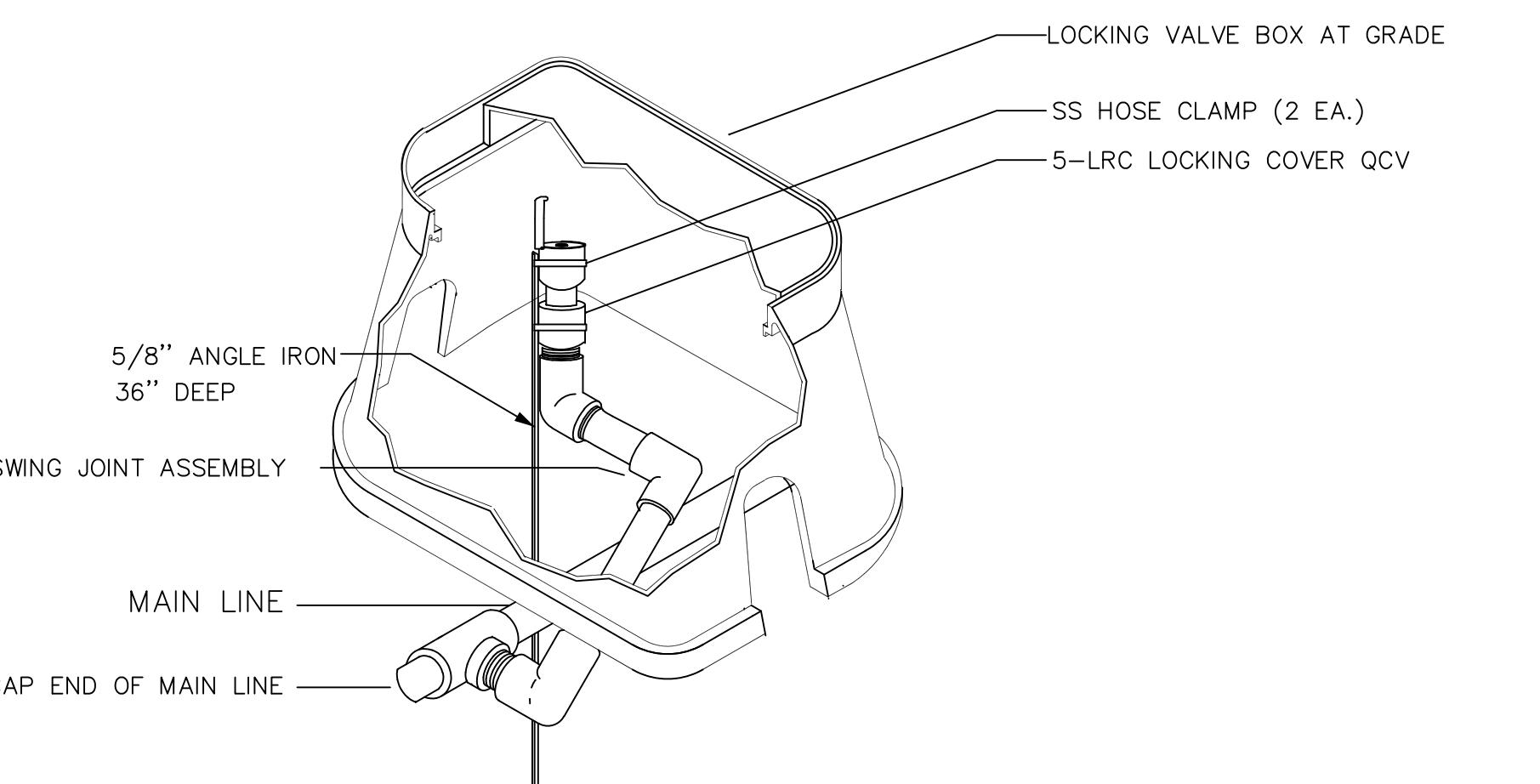


6 BLANK DL2000 DRILINE RISER

SCALE: N.T.S.

7 MANIFOLD (PVC) CONN. (END FEED)

SCALE: N.T.S.



8 LOC-EZE ELBOW TO LOC-EZE ADAPTER CONNECTION

SCALE: N.T.S.

9 TREE SPRINKLER LOCATION

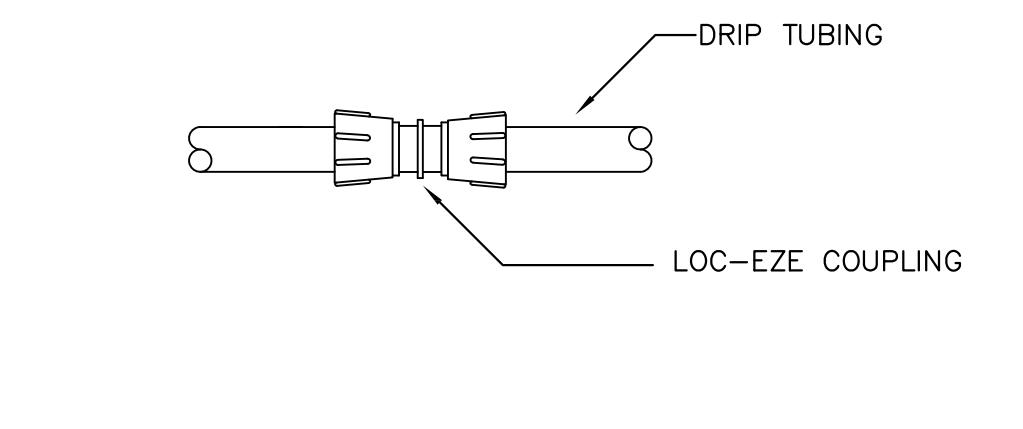
SCALE: N.T.S.

10 QUICK COUPLING VALVE INSTALLATION

SCALE: N.T.S.

11 LOC-EZE COUPLING (T-FCC16)

SCALE: N.T.S.



12 LOC-EZE COUPLING (T-FCC16)

SCALE: N.T.S.

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WSPP

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SEAL:

PROJECT NO: 18-050
CLIENT'S NO.:
ISSUED FOR: 90% REVIEW
ISSUED DATE: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

SHEET
TITLE F
LIFE SAFETY
PLAN

SHEET
NUMBER:
LS1.0

FIRE ALARM, EXTINGUISHERS, EXITS

!THE EXISTING FIRE PROTECTION SYSTEM SHALL BE MODIFIED AS NECESSARY FOR THE TENANT BUILD-OUT.
CONTRACTOR SHALL PROVIDE DESIGN AND CONSTRUCTION DRAWINGS AND CALCULATIONS, SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA, THESE ITEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF GAINESVILLE BUILDING DEPARTMENT.
2. FOR EXIT SIGNS AND EMERGENCY LIGHTS, SEE RCP PLAN
3. BLACK DOTS INDICATE EMERGENCY LIGHTING. SEE ELECTRICAL SHEETS FOR FIXTURE TYPES & LOCATIONS.

GENERAL NOTES - LIFESAFETY

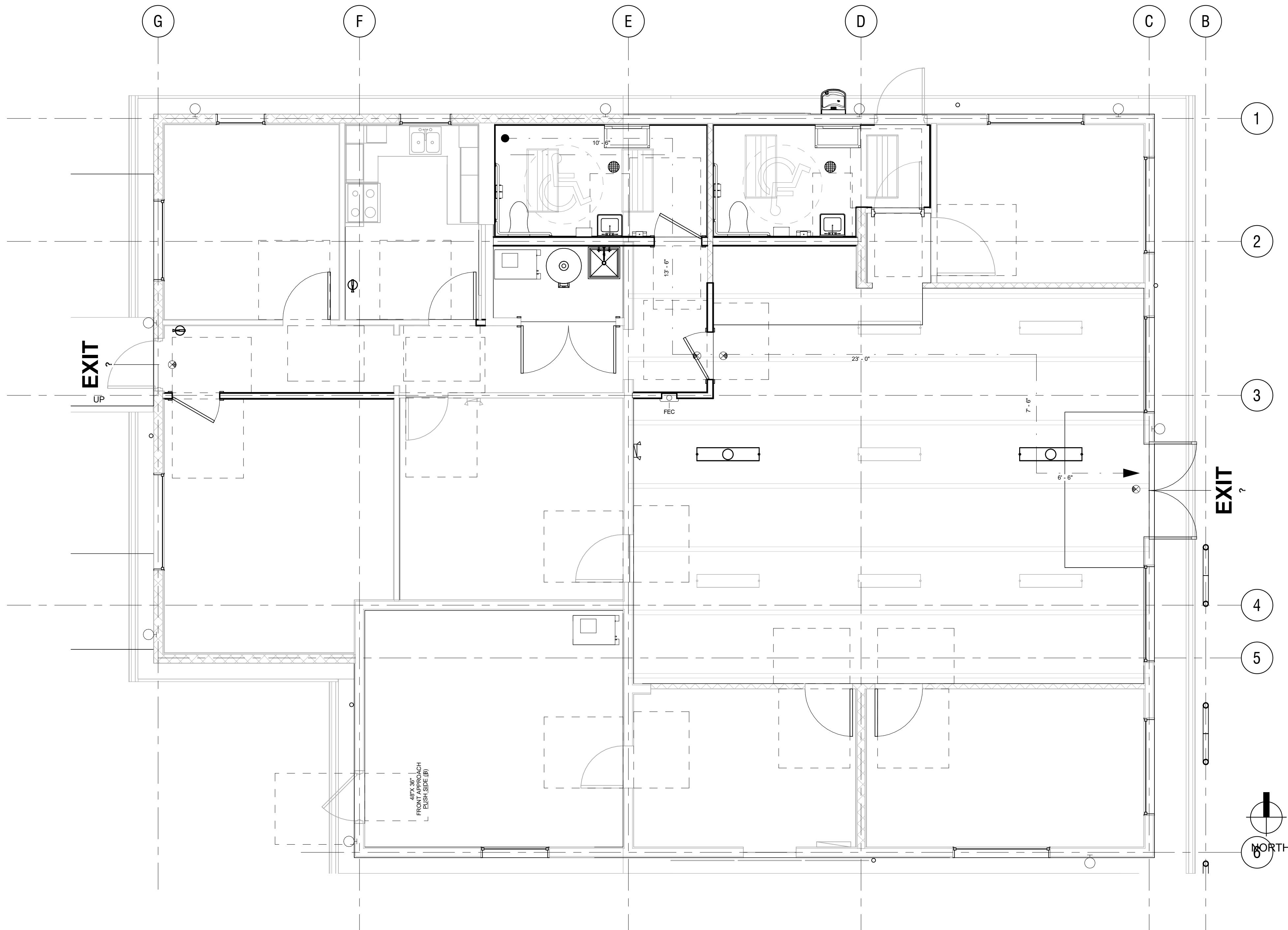
LONGEST PATH TO EXIT:

LONGEST RUN = 61 FEET
NOTE: PER FBC-B, TABLE 1021.2(2), ONE (1) EXIT MAY BE PROVIDED IF < 49 OCCUPANTS AND <= 75' (100FT) IF SPRINKLERED TRAVELDISTANCE.

T1014.3: COMMON PATH OF EGRESS TRAVEL GROUP B,S,&F SHALL NOT EXCEED 100'
T1016.1: EXIT ACCESS TRAVEL DISTANCE - 200' WITH SPRINKLER SYSTEM (MOST RESTRICTIVE).

LIFE SAFETY SYMBOL LEGEND

	FIRE ALARM - PULL STATION
	FIRE ALARM - STROBE
	FIRE ALARM - SMOKE DETECTOR
	FIRE ALARM - HORN / STROBE
	FIRE ALARM - RATE OF RISE THERMAL DETECTOR
	FIRE ALARM - CARBON MONOXIDE MONITOR
	FIRE ALARM - FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM - FIRE ALARM CONTROL PANEL
	SECURITY
	RECESSED FIRE EXTINGUISHER CABINET
	FIRE EXTINGUISHER
	LIGHTING
	CEILING MOUNTED EXIT LIGHT FIXTURE
	CEILING MOUNTED EXIT LIGHT FIXTURE w/ EMERGENCY BATTERY INVERTER
	EMERGENCY LIGHT FIXTURES ON LIFE SAFETY PANEL



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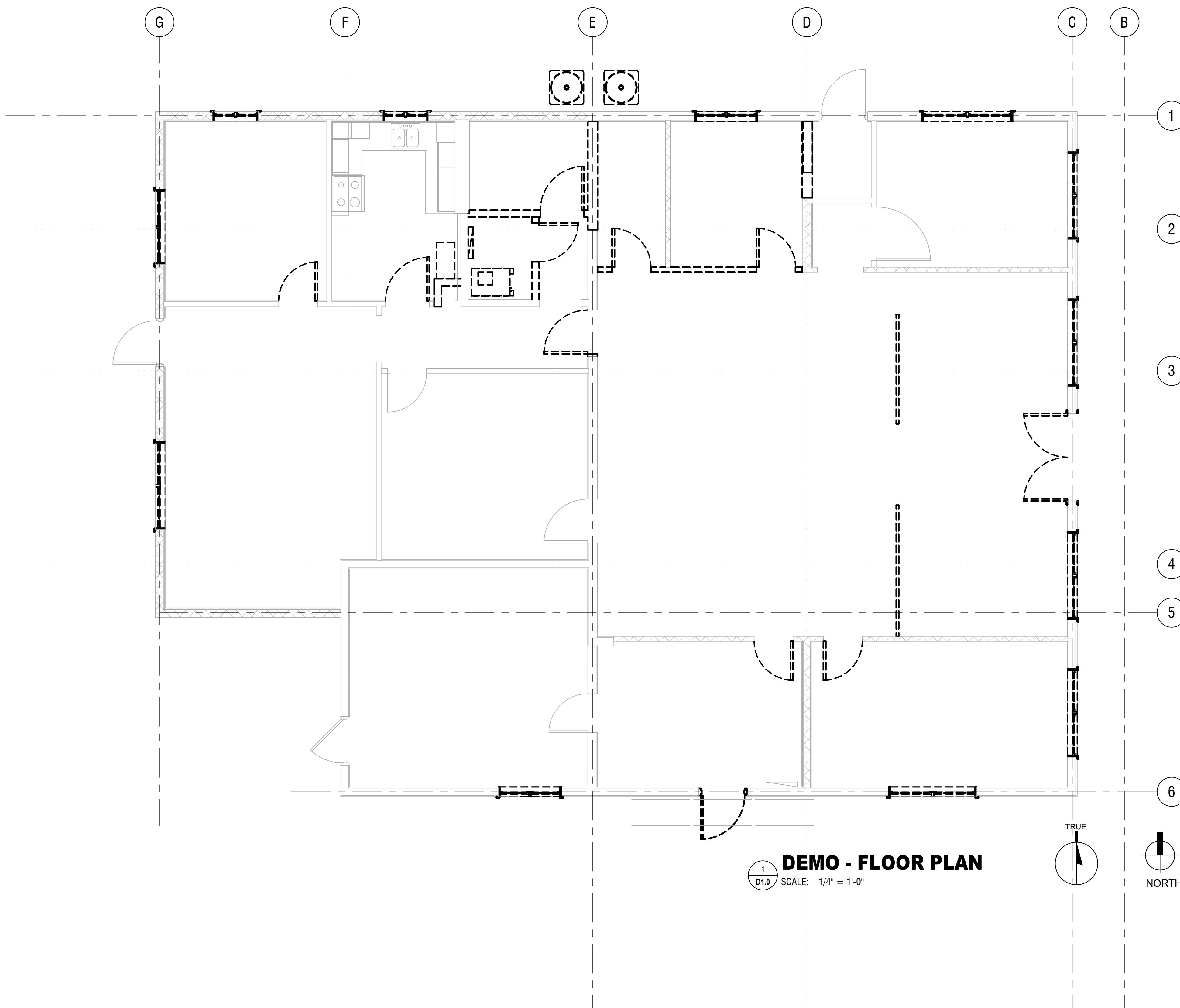
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REVISION DESCRIPTION DATE

SHEET
TITLE F-
DEMO FLOOR
PLAN

SHEET
NUMBER
D1.0

GENERAL NOTES - DEMOLITION



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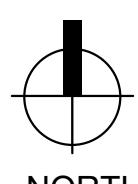


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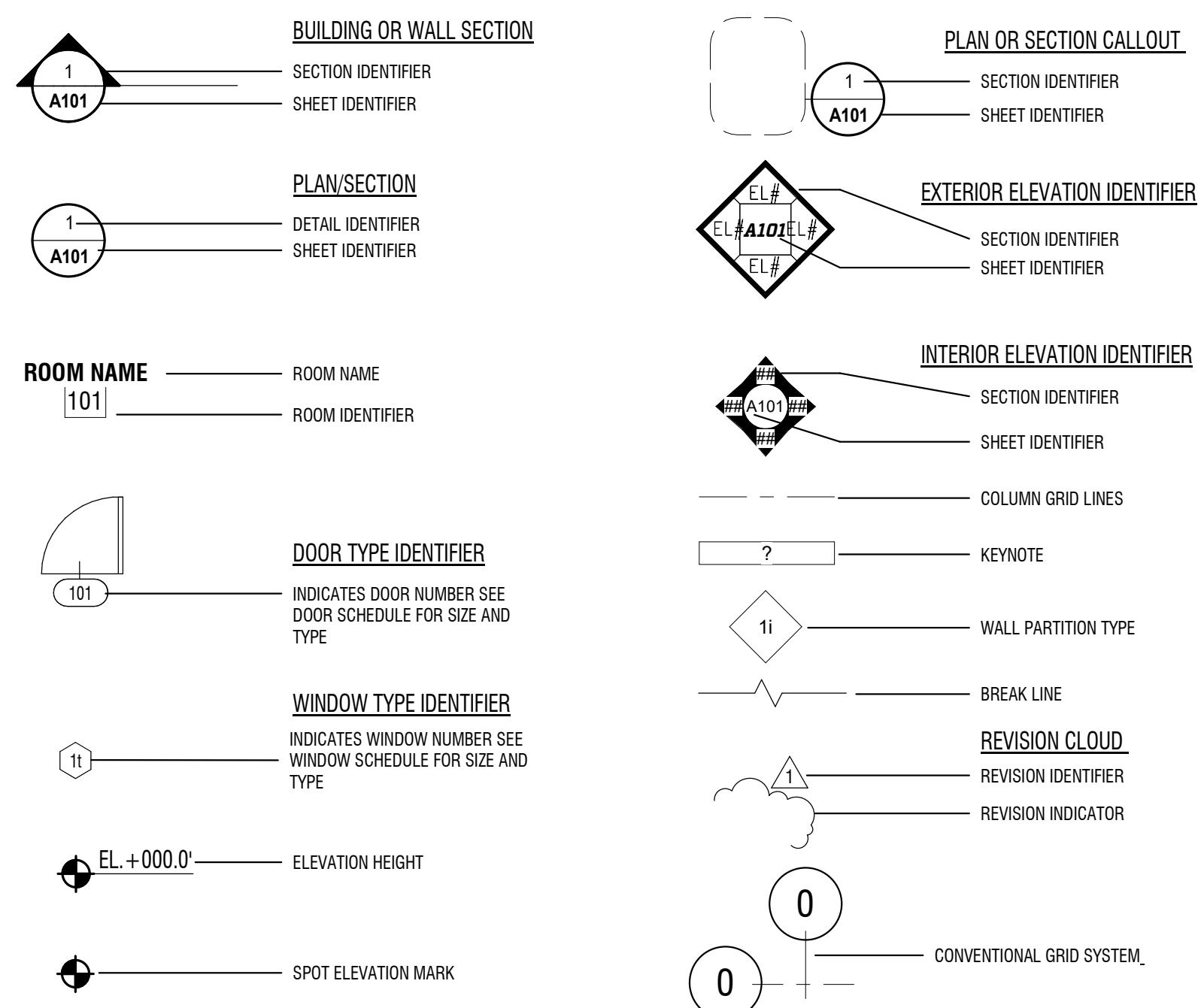
SHEET
TITLE F
**PROPOSED -
FLOOR PLAN**

SHEET
NUMBER:

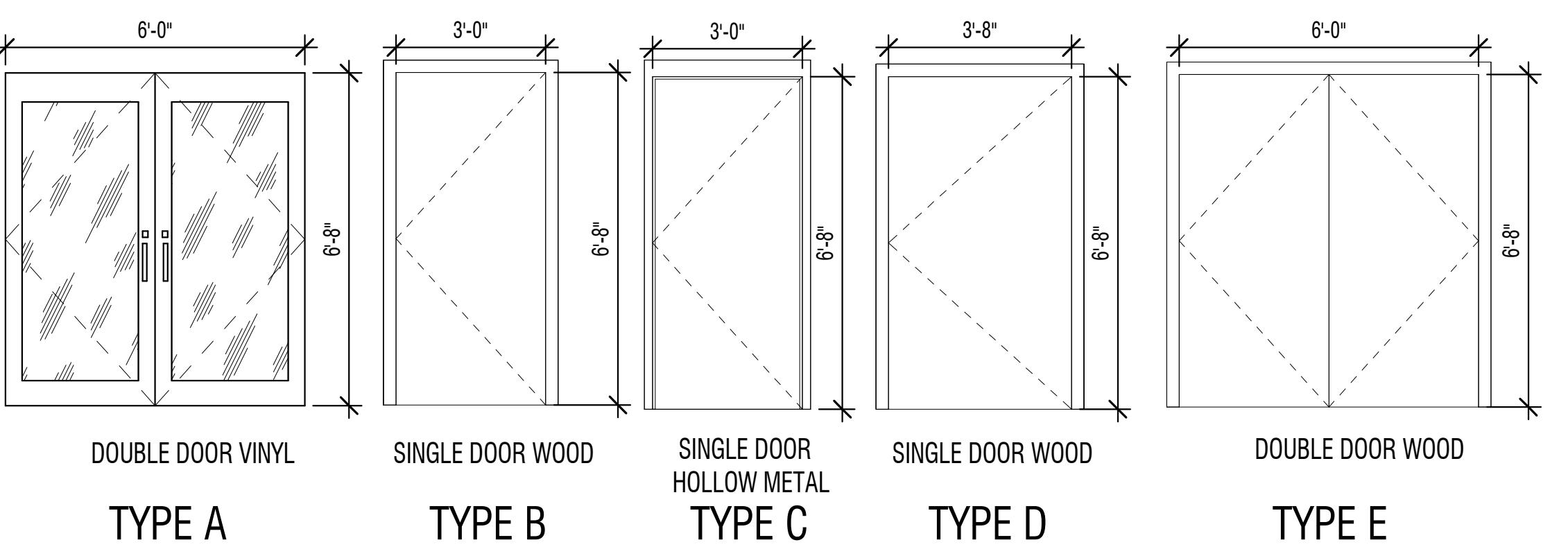
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GENERAL NOTES

DRAWING SYMBOL LEGEND

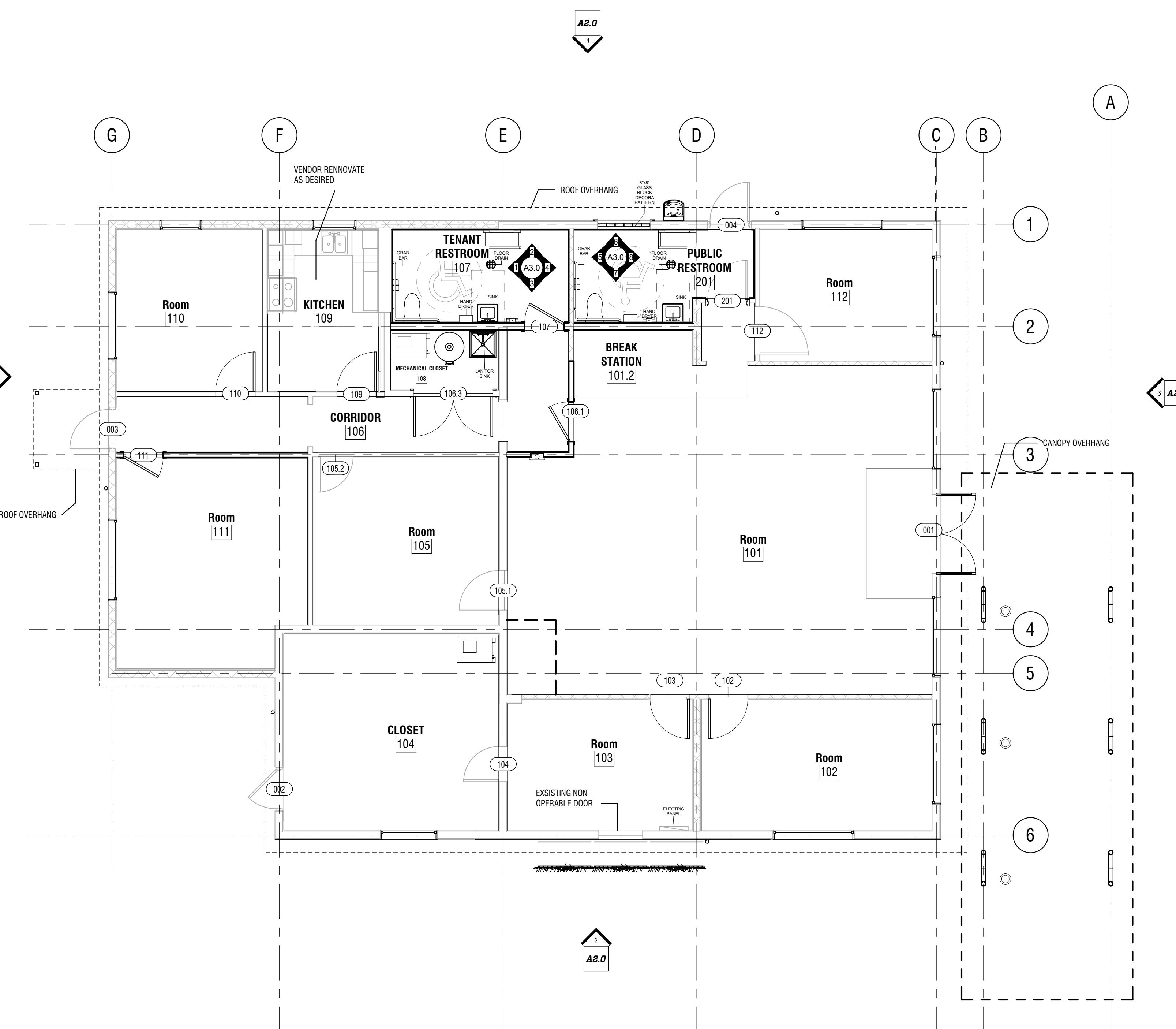


DOOR TYPE LEGEND



DOOR SCHEDULE

Location	Mark	Door Properties	Type	Hardware Group	Phase Created	
					WIDTH	Height
EXTERIOR	001	PR 3' 0"	6'-8"	A	1	Proposed
EXTERIOR	002	3' 0"	6'-8"	C	2	Existing
EXTERIOR	003	3' 0"	6'-8"	C	2	Existing
EXTERIOR	004	3' 0"	6'-8"	C	3	Existing
Room	102	3' 0"	6'-8"	B	7	Proposed
Room	103	3' 0"	6'-8"	B	8	Proposed
CLOSET	104	2' 8"	6'-8"	B	12	Existing
Room	105.1	3' 0"	6'-8"	B	10	Existing
Room	105.2	2' 8"	6'-8"	B	11	Existing
CORRIDOR	106.1	3' 0"	6'-8"	B	5	Proposed
CORRIDOR	106.3	6' 0"	6'-8"	E	10	Proposed
TENANT RESTROOM	107	3' 0"	6'-8"	B	6	Proposed
KITCHEN	109	3' 0"	6'-8"	B	6	Proposed
Room	110	3' 0"	6'-8"	B	6	Proposed
Room	111	3' 0"	6'-8"	B	6	Proposed
Room	112	3' 8"	6'-8"	D	9	Existing
Room	201	3' 0"	6'-8"	C	4	Proposed



PROPOSED - PLAN - OVERALL

SCALE: 3/16" = 1'-0"

PROPOSED - FLOOR PLAN

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REVISION DESCRIPTION DATE

SHEET
TITLE F
PROPOSED -
PLAN - DIM.

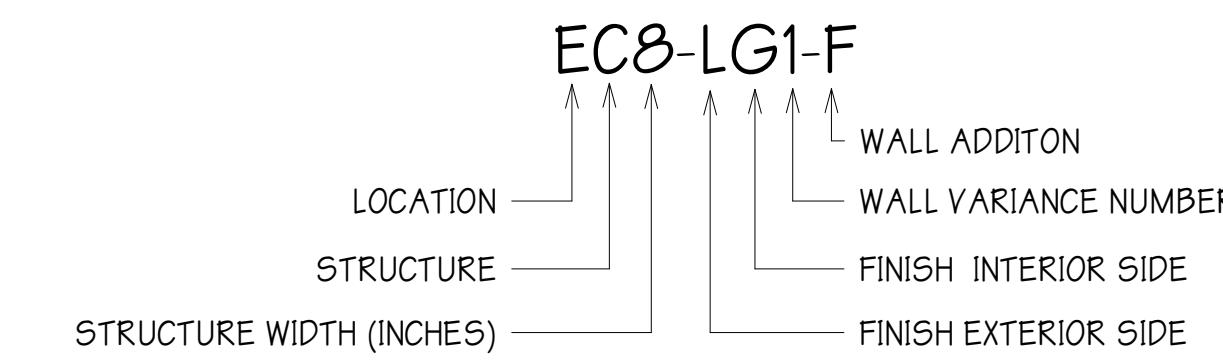
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NUMBER:
A1.1

GENERAL NOTES - DIM.

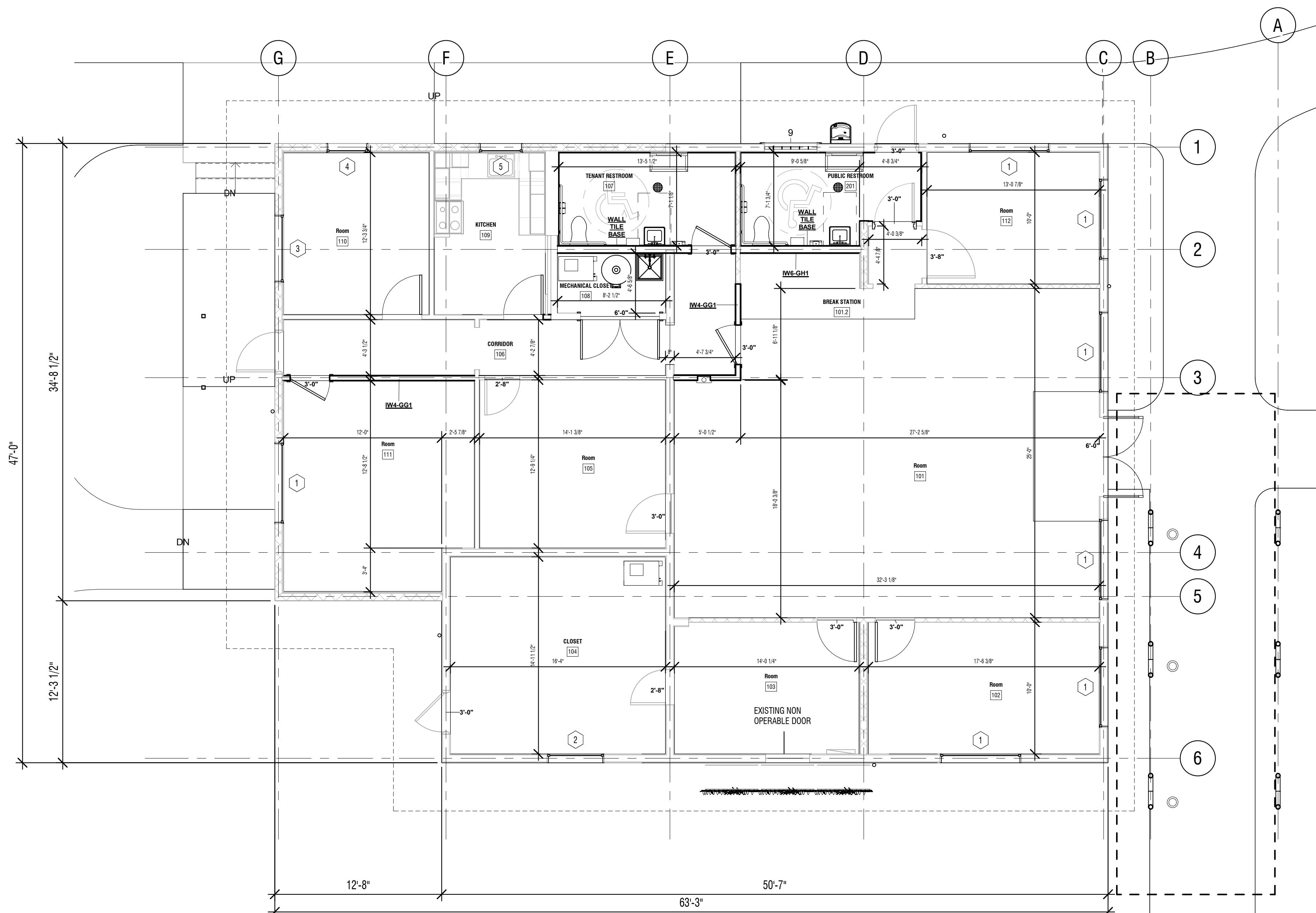
WALL SCHEDULE

Type	Mark	Fire Rating	Comments	Phase	Created
W4-GG1		UNRATED	INTERIOR 4" WOOD STUD 3/8" GYPSUM BOTH SIDES	Proposed	
W6-GH1		UNRATED	INTERIOR 4" WOOD STUD 3/8" GYPSUM ONE SIDE HARDIE PANEL ONE SIDE	Proposed	
WALL TILE BASE		UNRATED	CERAMIC TILE	Proposed	

PARTITION LEGEND



STRUCTURE	FINISH	WALL ADDITION
S STEEL	B BRICK	F FIRE RATED
W WOOD	H HARDIE	I INSULATION
M CMU	E EFIS	S SMOKE RATED
C CONCRETE	G GYPSUM	
I INSULATED CONCRETE	I INSULATED PANEL	
	L SIDING	
	M MTL BLDG PANEL	
	N NO FINISH	
	P TILT PANEL	
	R STONE	
	S STUCCO	
	T TILE	
	W WOOD	



PROPOSED - PLAN - OVERALL DIM.

SCALE: 3/16" = 1'-0"



NORTH

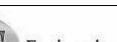
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REVISION DESCRIPTION DATE

 SHEET
 TITI F
**PROPOSED -
PLAN - FINISHES**

ROOM FINISH SCHEDULE

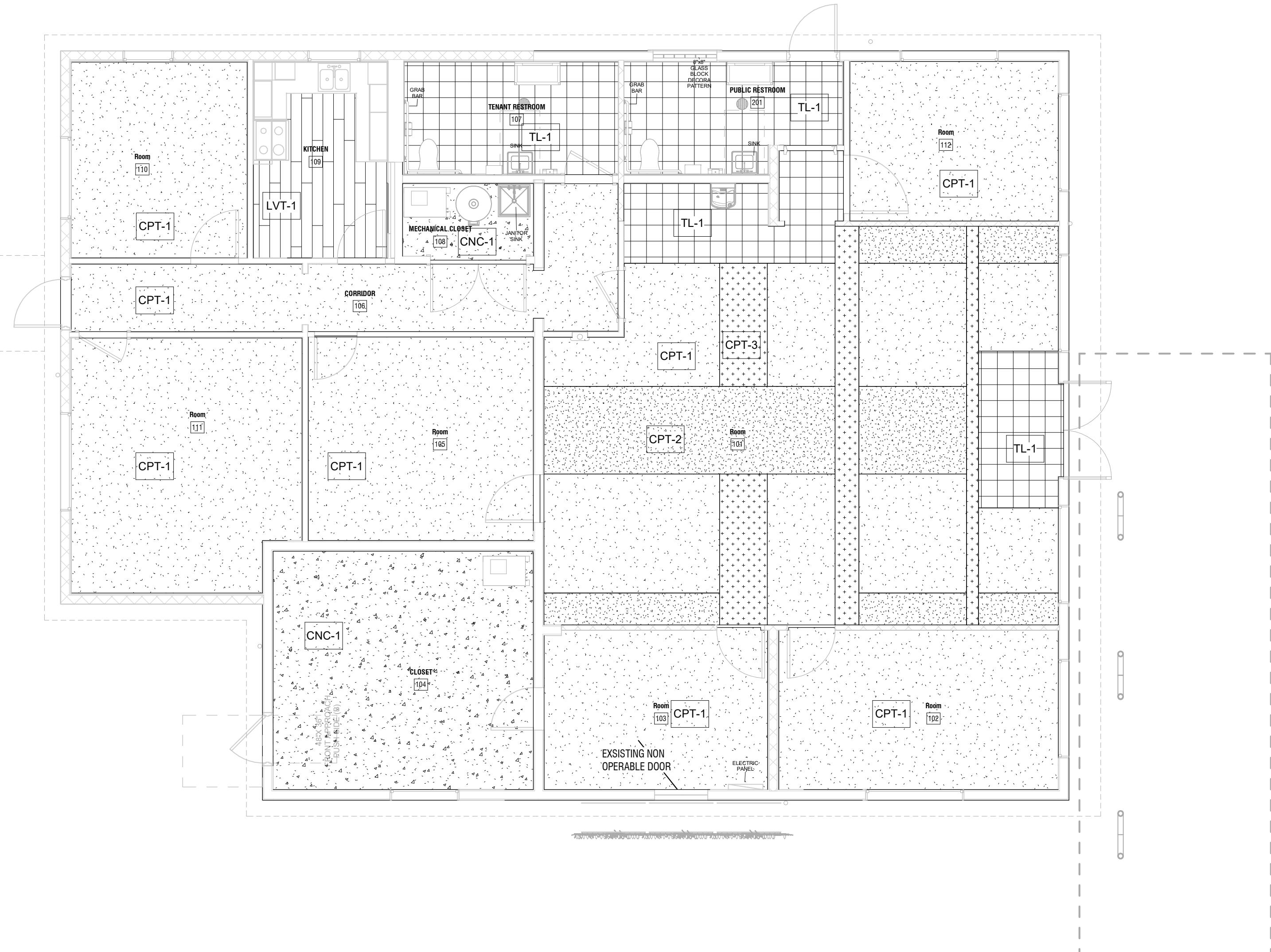
WT	Name	Area	Ceiling Finish	Floor Finish	Wall Finish	Accent Wall	Base Finish
000	EXTERIOR	7695 SF					
101	Room	769 SF	ACT	CPT-1/TL-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
101.2	BREAK STATION	45 SF	ACT	TL-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
102	Room	175 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
103	Room	140 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
104	CLOSET	244 SF	OPEN	CONCRETE	NA	NA	NA
105	Room	180 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
106	CORRIDOR	168 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
107	TENANT RESTROOM	94 SF	GYPSUM BOARD	TL-1	TILE/GYPSUM BD	TILE/GYP. BD	TILE
108	MECHANICAL CLOSET	38 SF	OPEN	CONCRETE	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
109	KITCHEN	104 SF	GYPSUM BOARD	LVT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
110	Room	136 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
111	Room	224 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
112	Room	131 SF	GYPSUM BOARD	CPT-1	PAINT 1/GYP. BD.	PAINT 2/GYP. BD.	VINYL
200	PORCH	Not Placed	NA	CONCRETE	NA	NA	NA
201	PUBLIC RESTROOM	87 SF	GYPSUM BOARD	TL-1	TILE/GYPSUM BD	TILE/GYP. BD	TILE

GENERAL NOTES - FINISH PLAN

- EXSITING DOORS TO BE REUSED AS POSSIBLE, DOORS TO BE PAINTED AND TOUCHED UP

FLOOR LEGEND

	CARPET TILE - CPT-1
	CARPET TILE - CPT-2
	CARPET TILE - CPT-3
	TILE - TL-1
	CONCRETE - CNC-1



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**City of Gainesville
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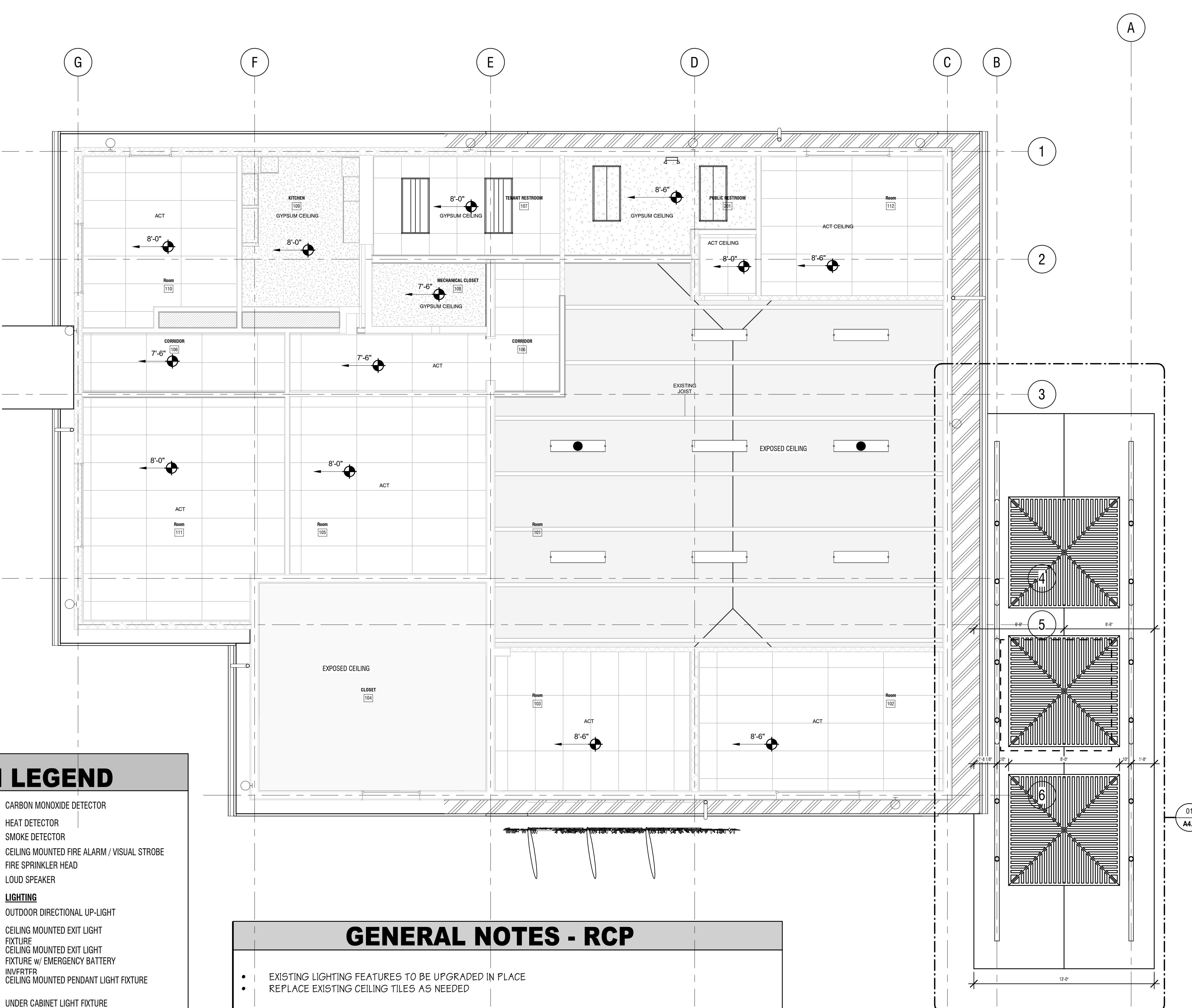
SEAL:

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REVISION DESCRIPTION DATE

SHEET
TITLE F
**PROPOSED -
PLAN - RCP**

SHEET
NUMBER:
A1.3



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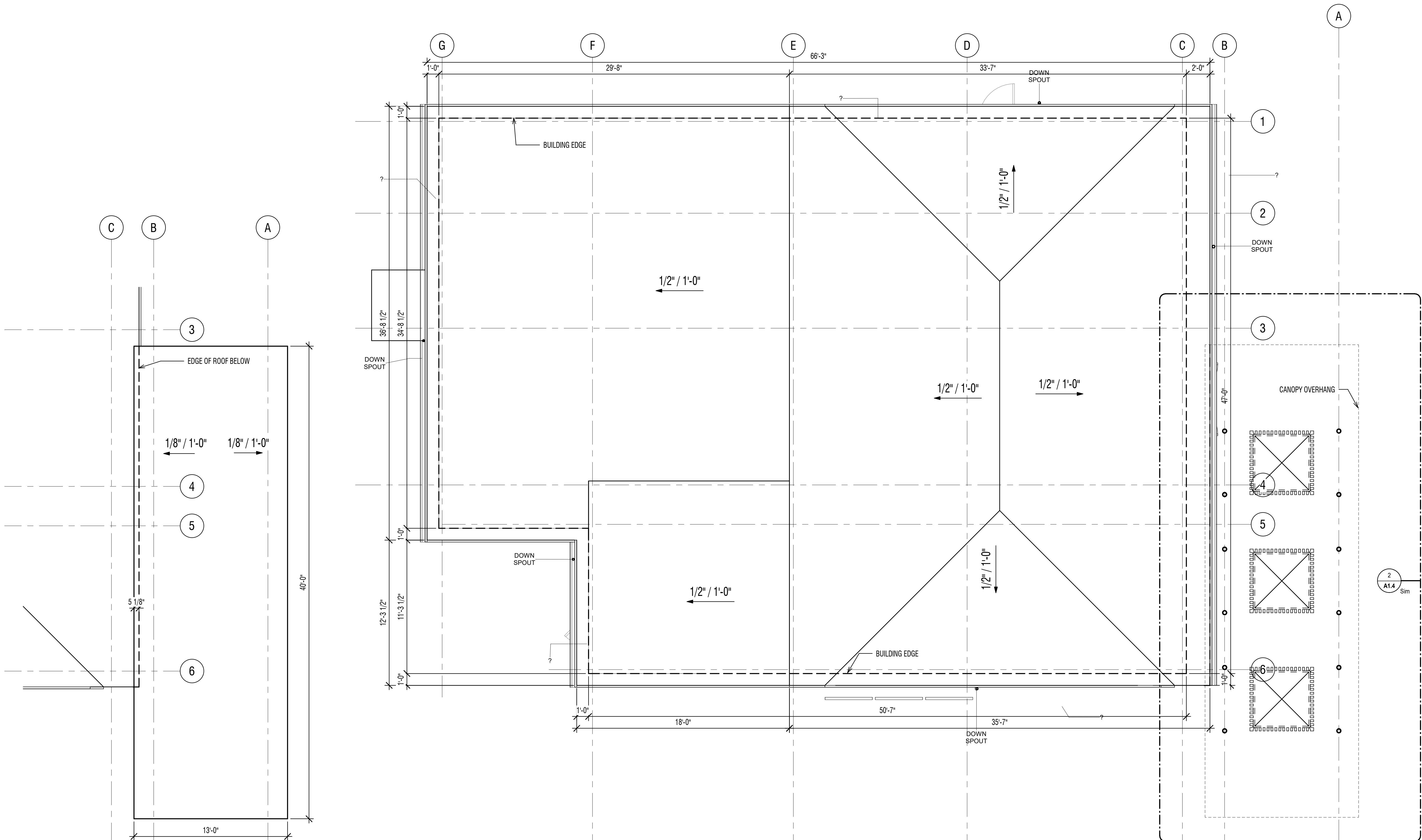
SEAL:

PROJECT NO: 18-050
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ISSUED DATE: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

PROPOSED - ROOF - PLAN

A1.4



PROPOSED - CANOPY - CALLOUT

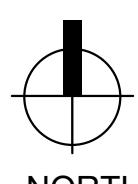
A1.4

SCALE: 1/4" = 1'-0"

PROPOSED - ROOF - PLAN - BUILDING

A1.4

SCALE: 1/4" = 1'-0"



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engineering**

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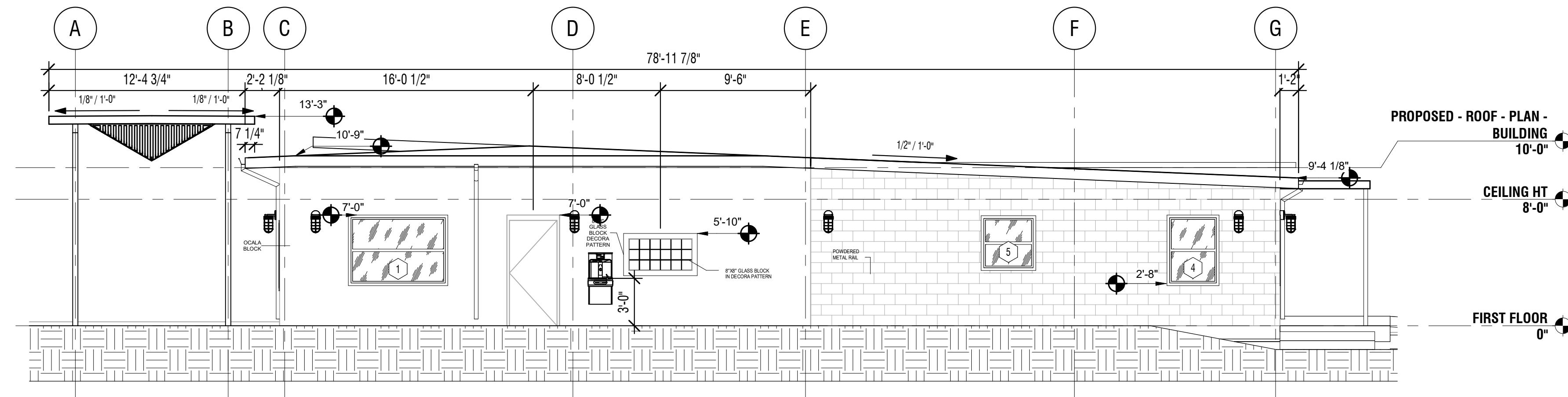
REVISION DESCRIPTION DATE

SHEET
TITLE F
**PROPOSED -
ELEVATIONS -
EXTERIOR**

SHEET
NUMBER:

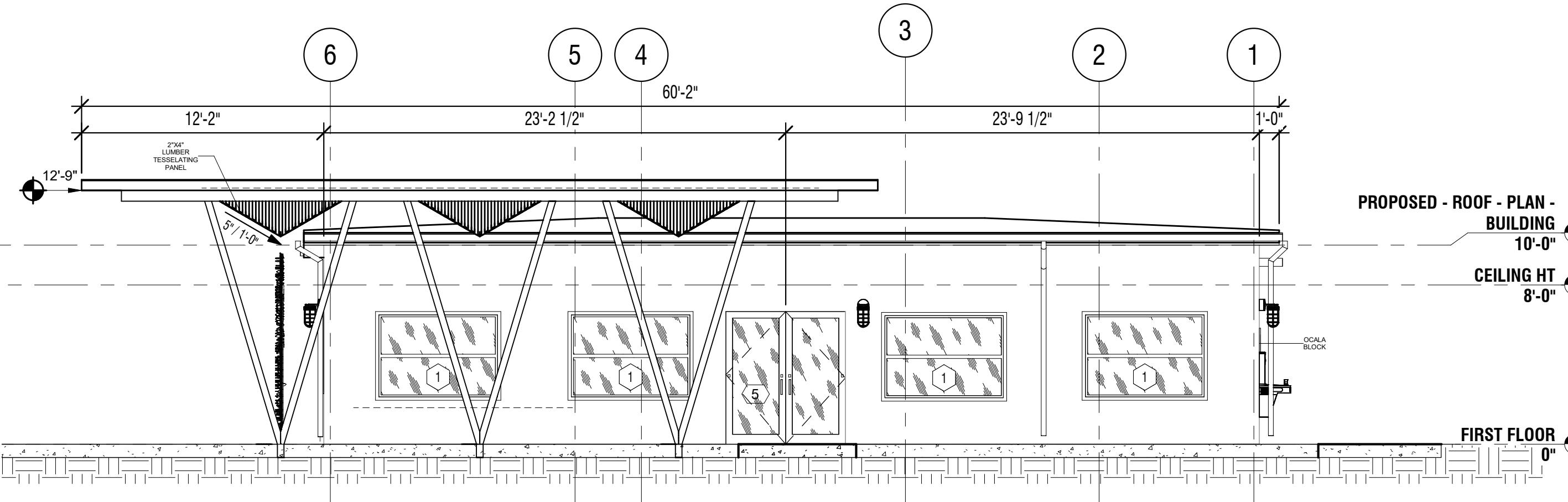
A2.0

GENERAL NOTES - EXTERIOR ELEVATION



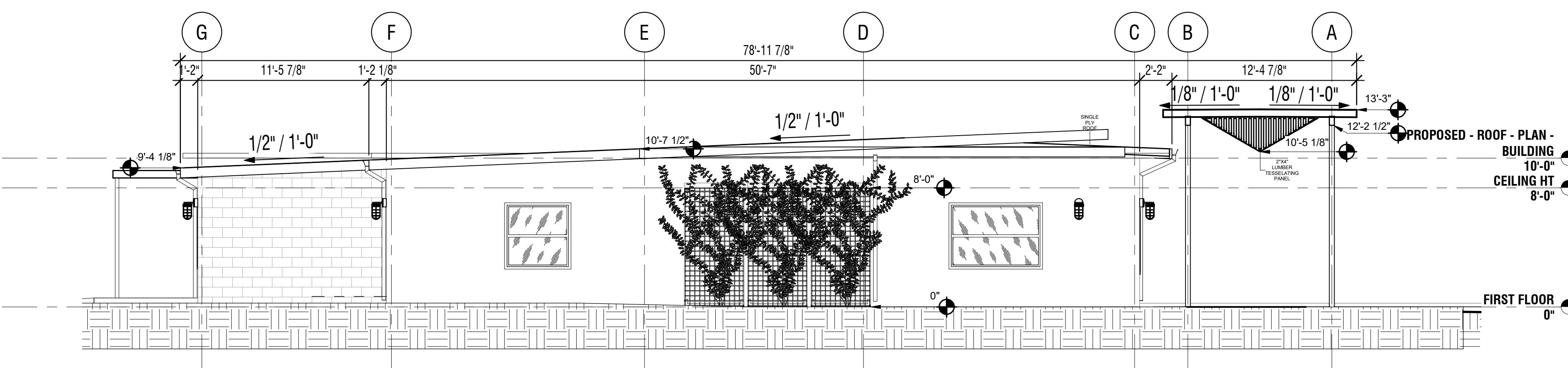
NORTH ELEVATION

A2.0 SCALE: 3/16" = 1'-0"



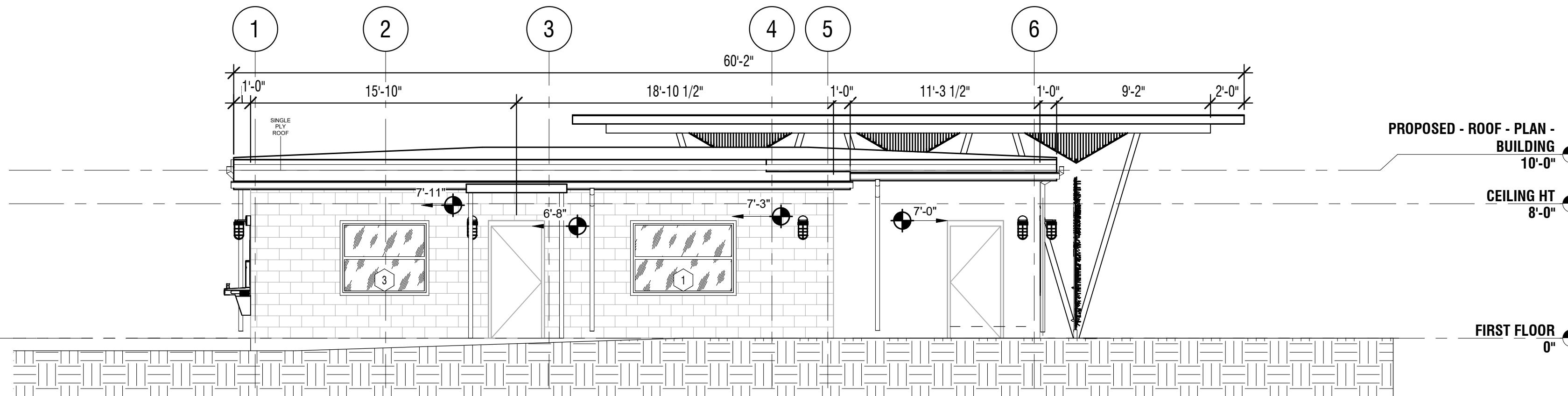
EAST ELEVATION

A2.0 SCALE: 3/16" = 1'-0"



SOUTH ELEVATION

A2.0 SCALE: 3/16" = 1'-0"



WEST ELEVATION

A2.0 SCALE: 3/16" = 1'-0"

KIWANIS GIRL SCOUT PARK IMPROVEMENT

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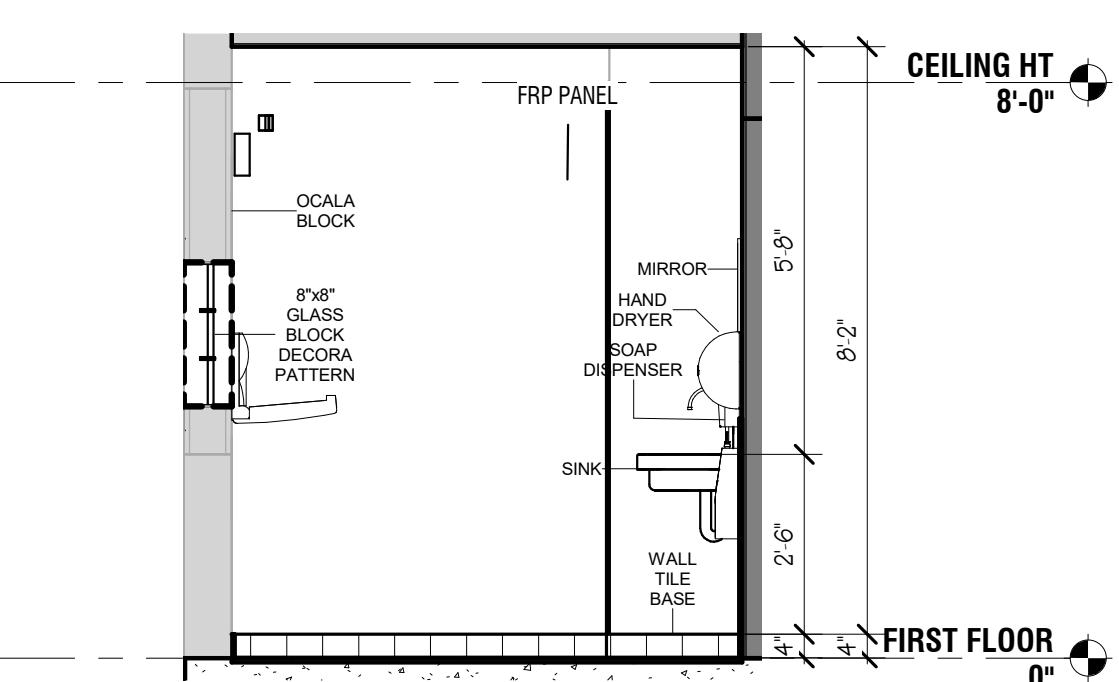
REVISION DESCRIPTION DATE

SHEET
TITLE F
**PROPOSED -
ELEVATIONS -
INTERIOR**

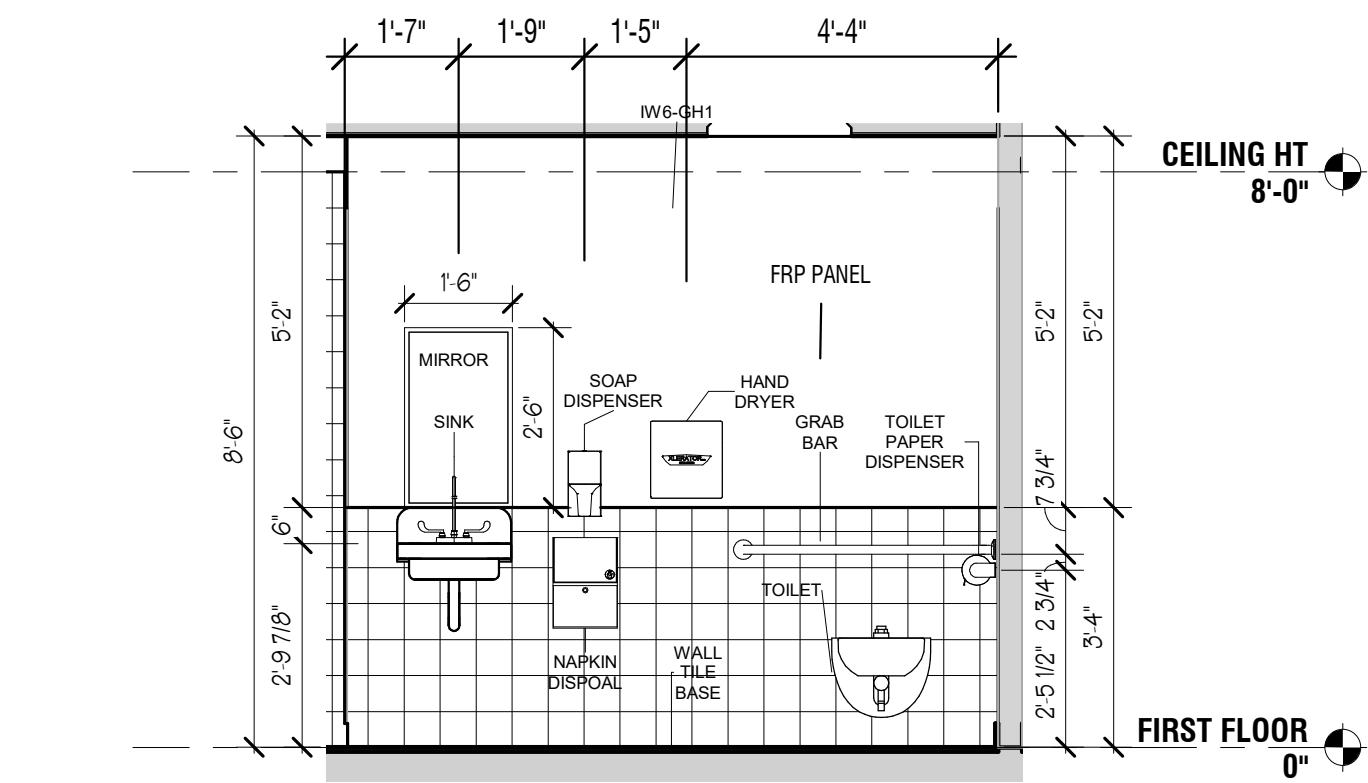
SHEET
NUMBER:

A3.0

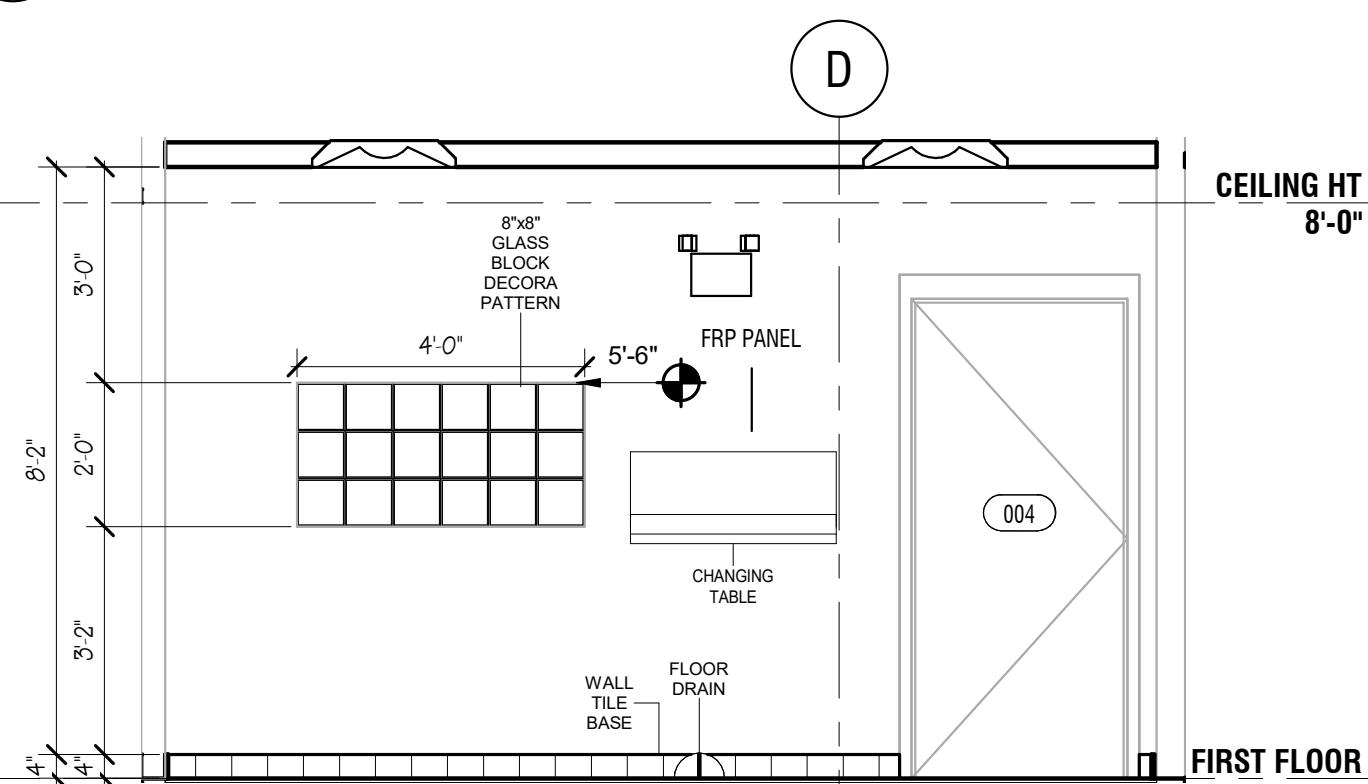
GENERAL NOTES - INTERIOR ELEVATION



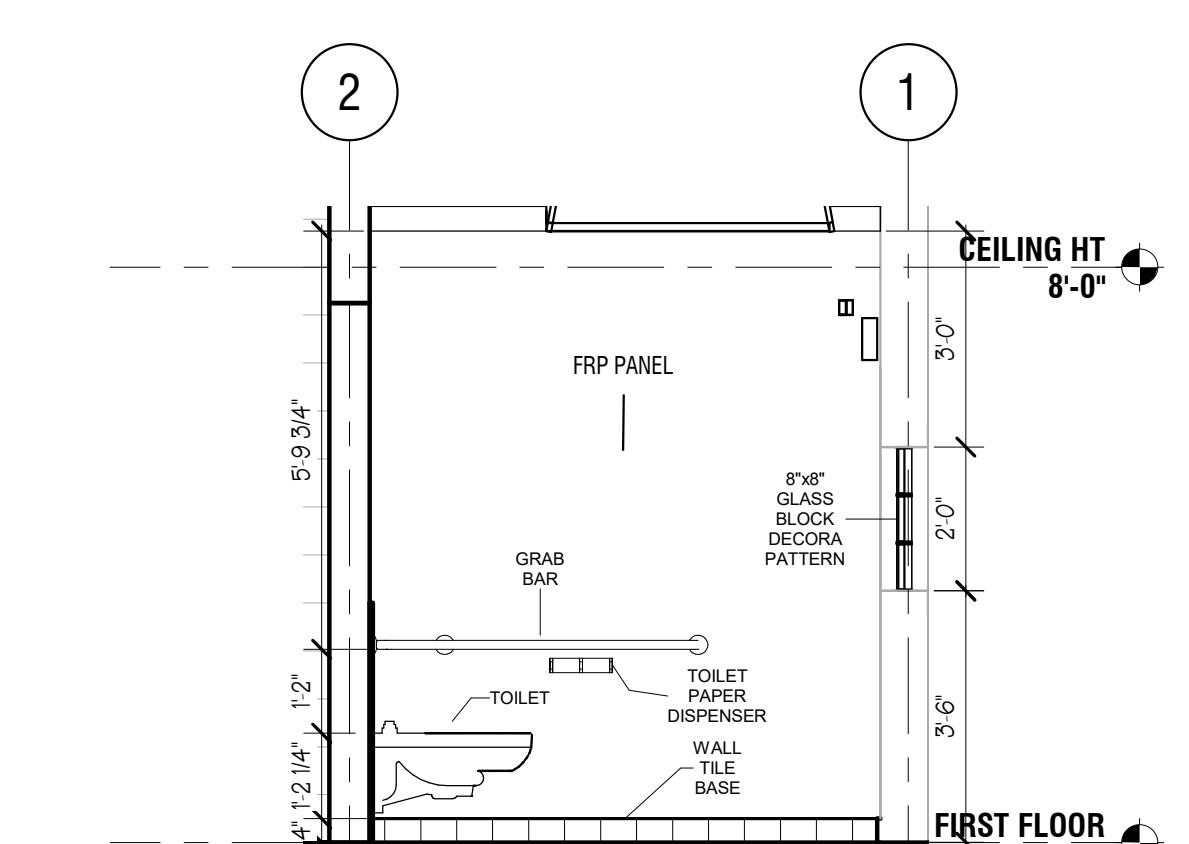
PUBLIC RESTROOM SINK SIDE
A3.0 SCALE: 3/8" = 1'-0"



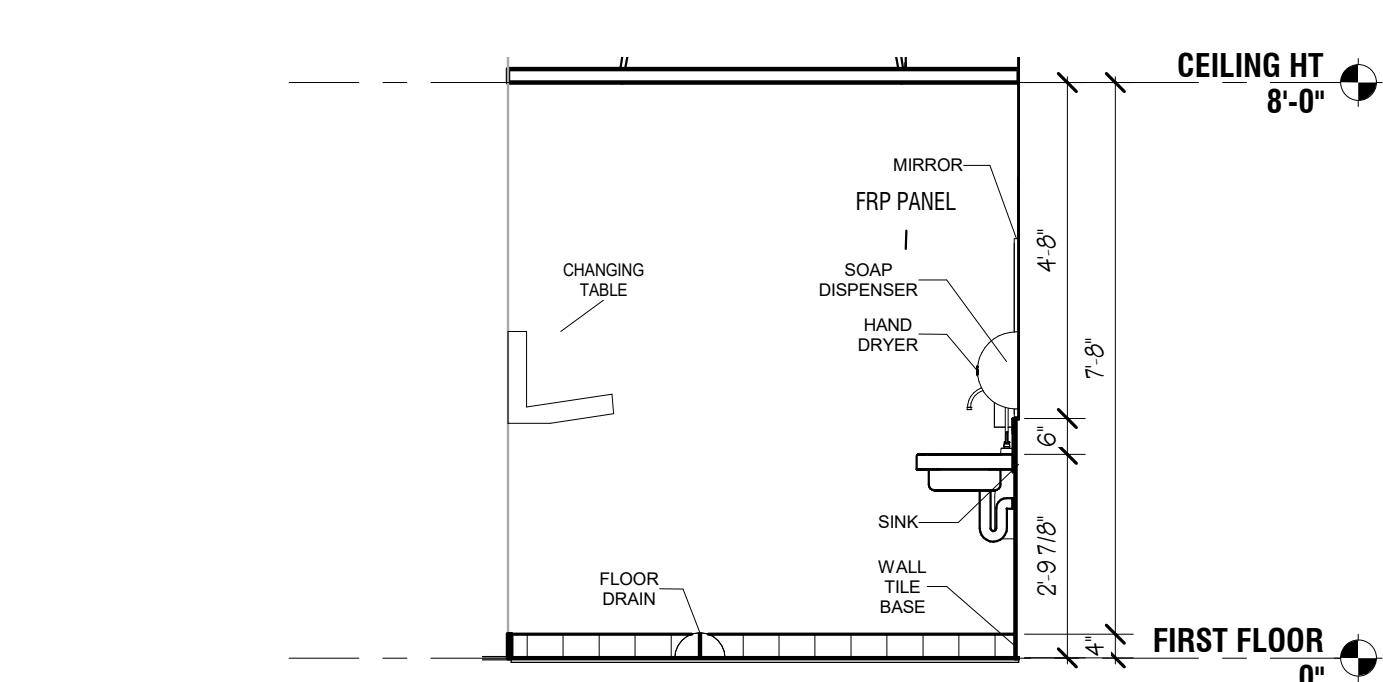
PUBLIC RESTROOM
A3.0 SCALE: 3/8" = 1'-0"



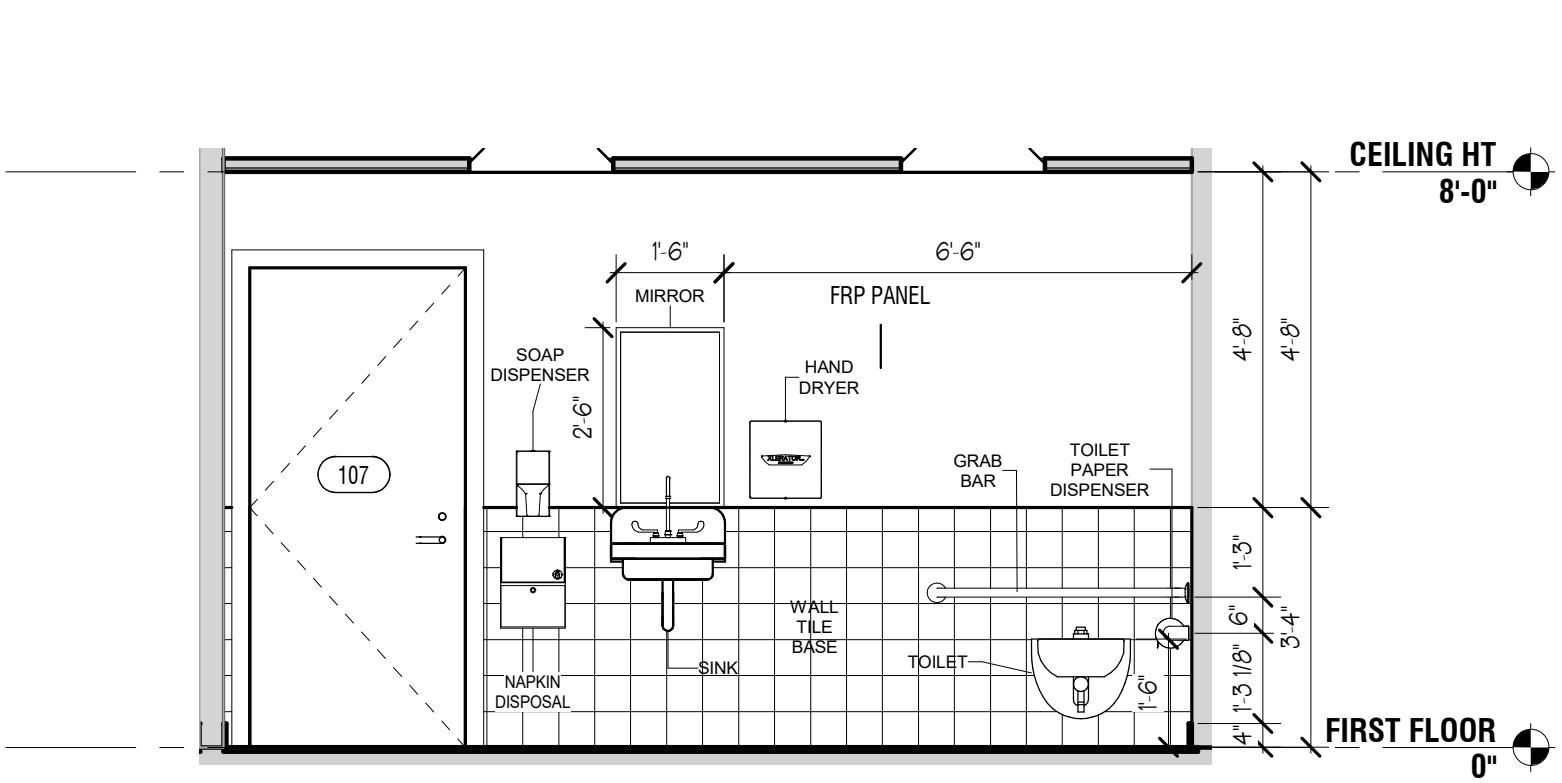
PUBLIC RESTROOM NORTH WALL
A3.0 SCALE: 3/8" = 1'-0"



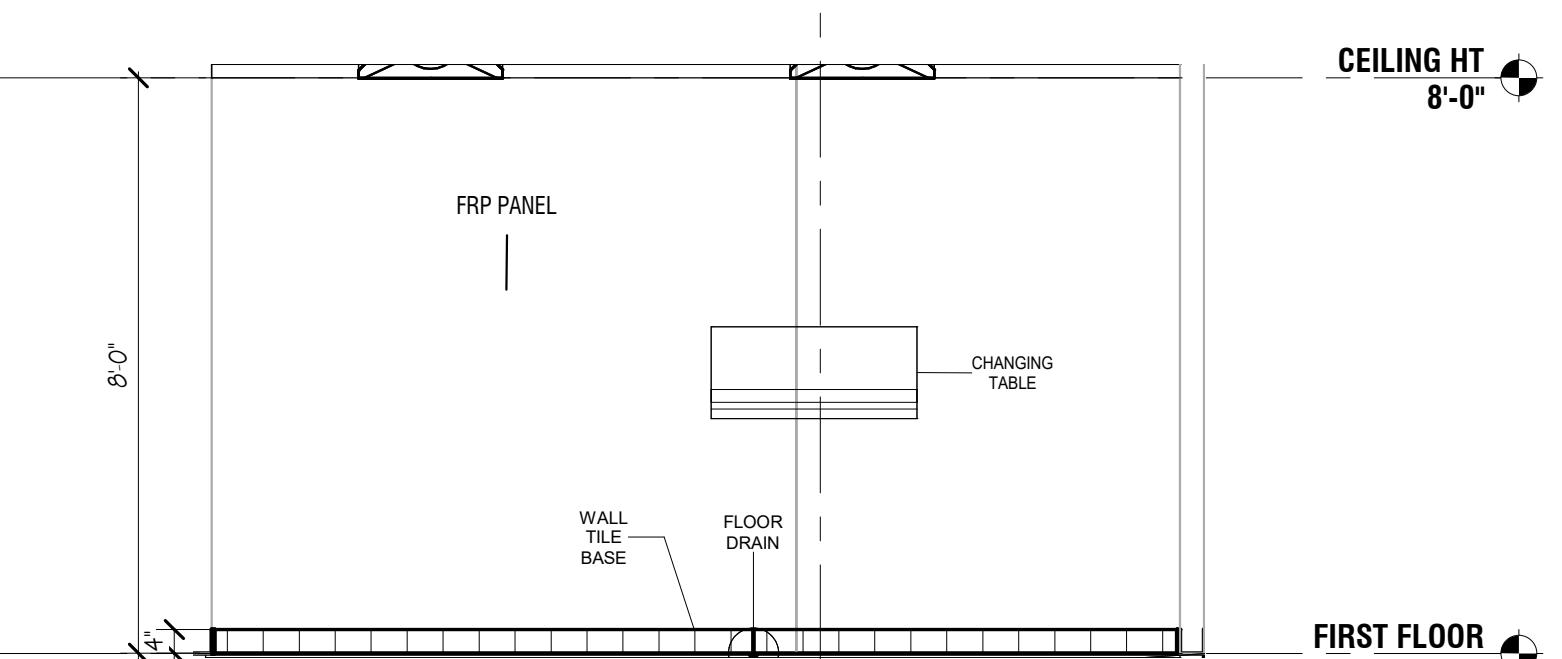
PUBLIC RESTROOM TOILET SIDE
A3.0 SCALE: 3/8" = 1'-0"



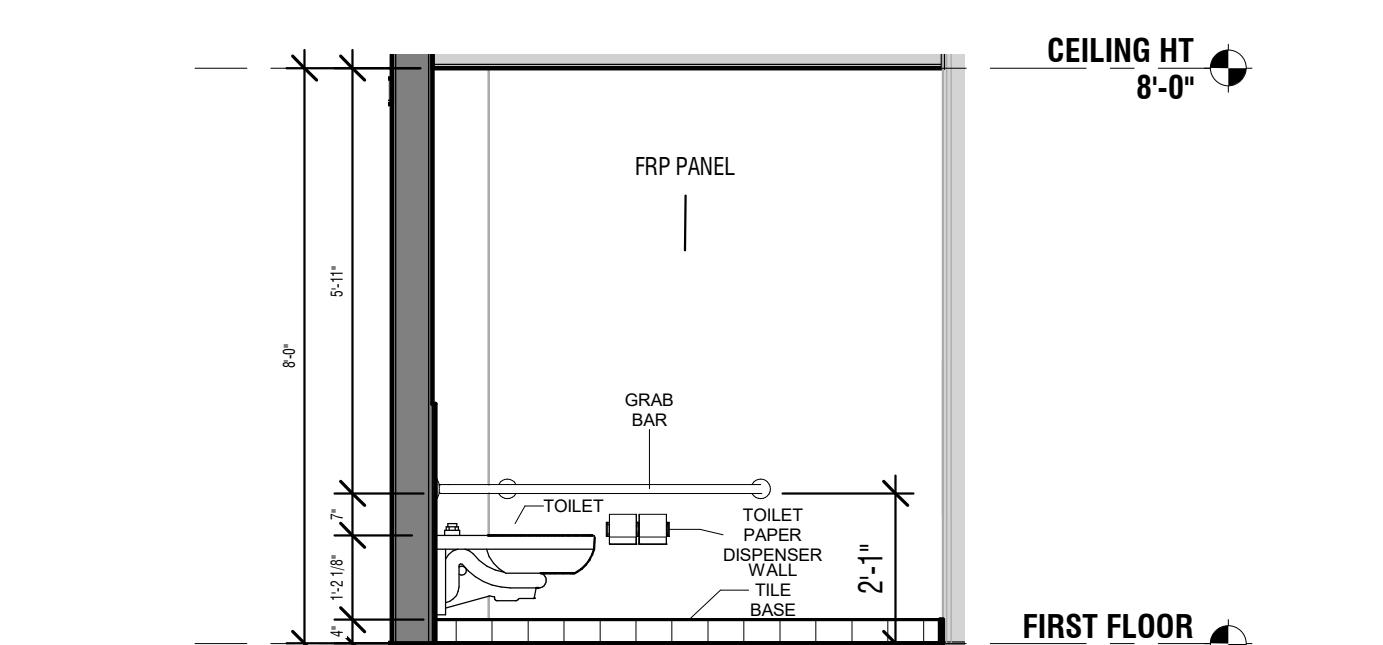
TENANT RESTROOM SINK WALL
A3.0 SCALE: 3/8" = 1'-0"



TENANT RESTROOM TOILET WALL
A3.0 SCALE: 3/8" = 1'-0"



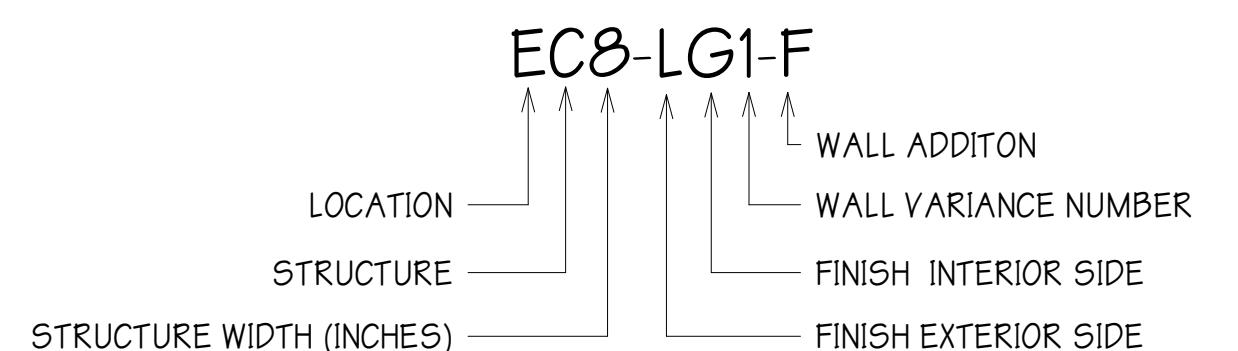
TENANT RESTROOM SINK SIDE
A3.0 SCALE: 3/8" = 1'-0"



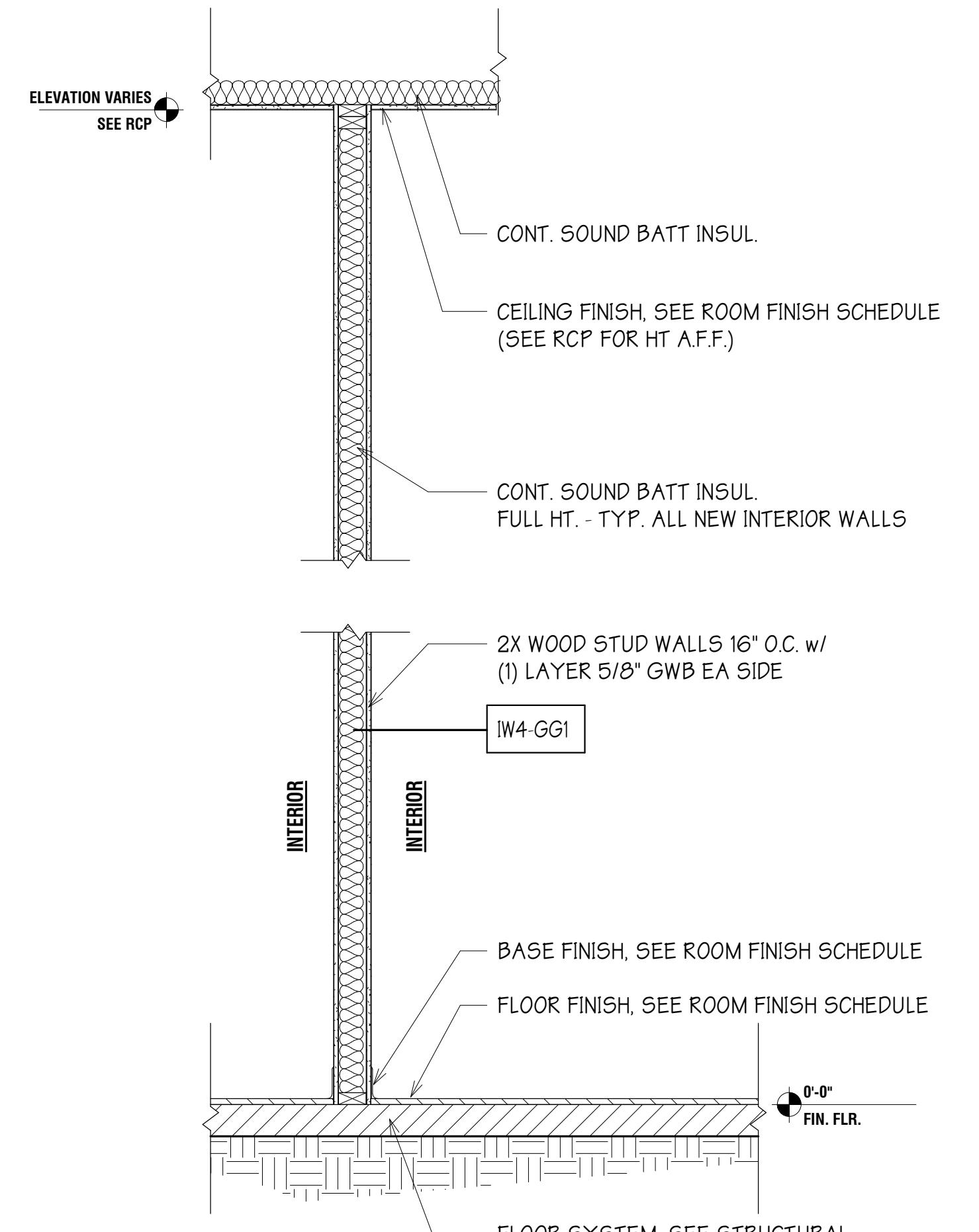
TENANT RESTROOM TOILET SIDE
A3.0 SCALE: 3/8" = 1'-0"

WALL SCHEDULE

Type Mark	Fire Rating	Comments	Phase Created
IW4-GG1	UNRATED	INTERIOR 4" WOOD STUD 3/8" GYPSUM BOTH SIDES	Proposed
IW6-GH1	UNRATED	INTERIOR 4" WOOD STUD 3/8" GYPSUM ONE SIDE HARDIE PANEL ONE SIDE	Proposed
WALL TILE BASE	UNRATED	CERAMIC TILE	Proposed

PARTITION LEGEND

STRUCTURE	FINISH	WALL ADDITION
S STEEL	B BRICK	F FIRE RATED
W WOOD	H HARDIE	I INSULATION
M CMU	E EFIS	S SMOKE RATED
C CONCRETE	G GYPSUM	
I INSULATED CONCRETE	I INSULATED PANEL	
	L SIDING	
	M MTL BLDG PANEL	
	N NO FINISH	
	P TILT PANEL	
	R STONE	
	S STUCCO	
	T TILE	
	W WOOD	

**TYP. WOOD STUD - WALL SECTION**

1 A5.0

SCALE: 3/4" = 1'-0"

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**PROPOSED -
SECTIONS - WALL**

A5.0

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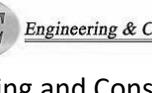
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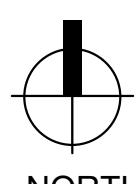
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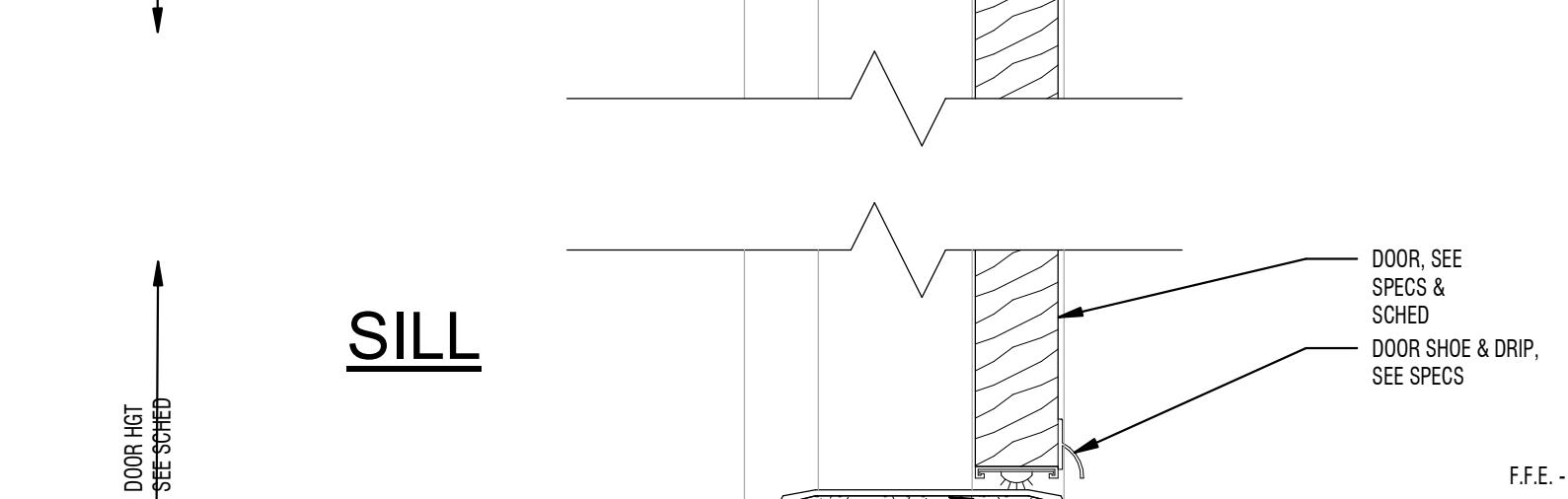
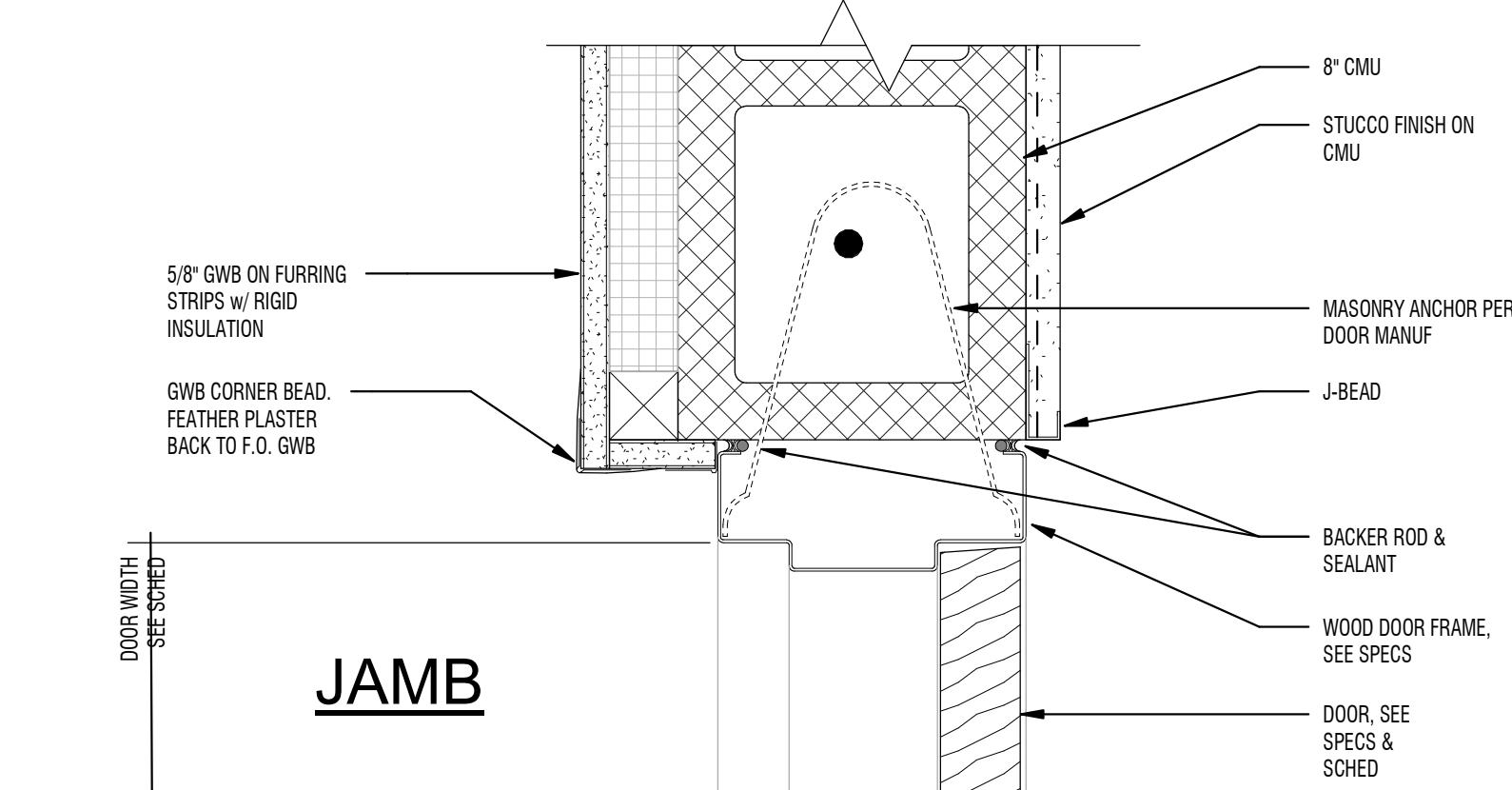
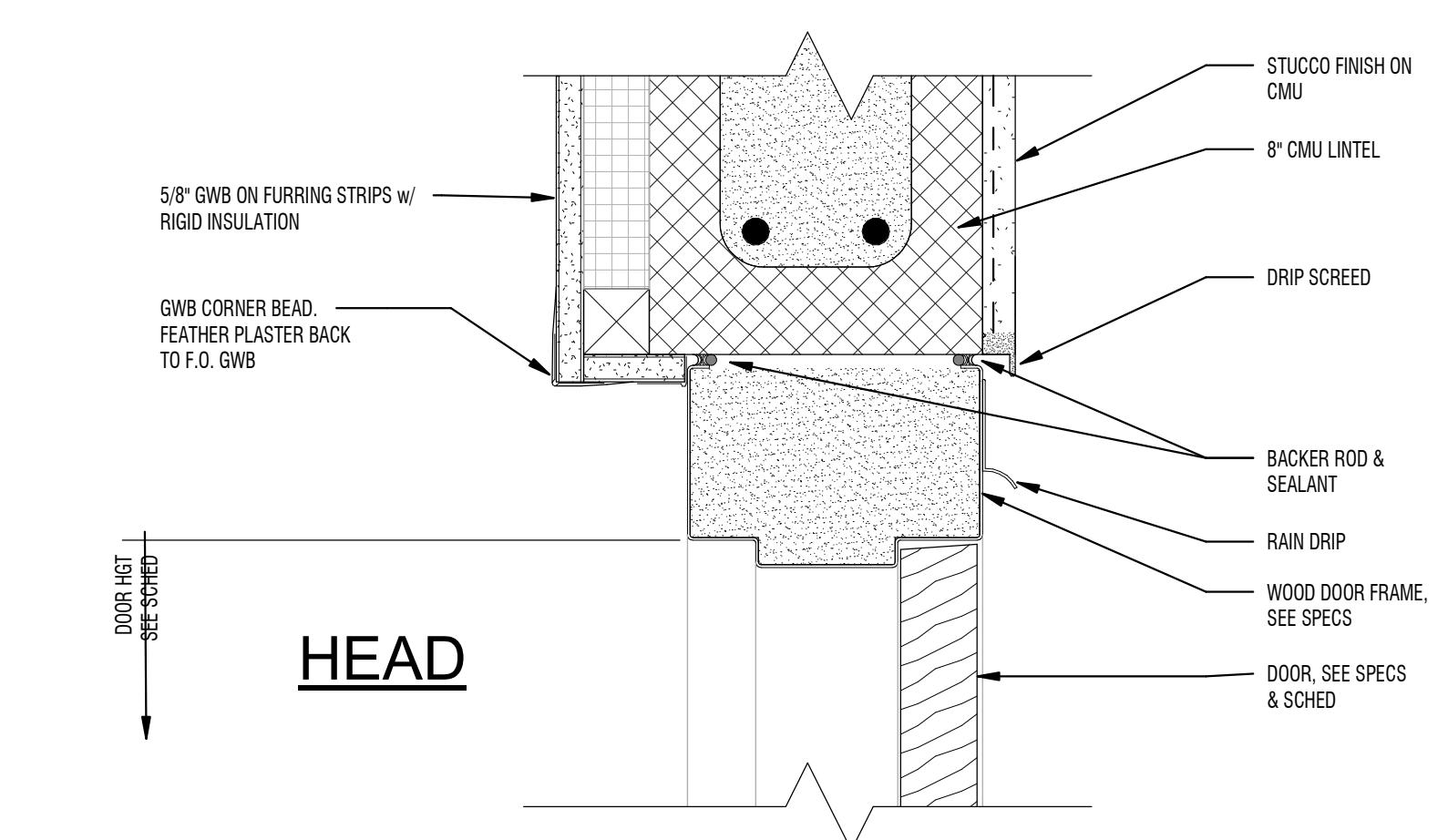
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SHEET
TITLE F
**PROPOSED -
H/J/S DETAILS**

A6.0



EXT - HJS - HM DOOR - CMU & STUCCO

1
A6.0
SCALE: 3" = 1'-0"

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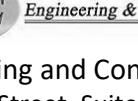
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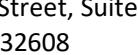
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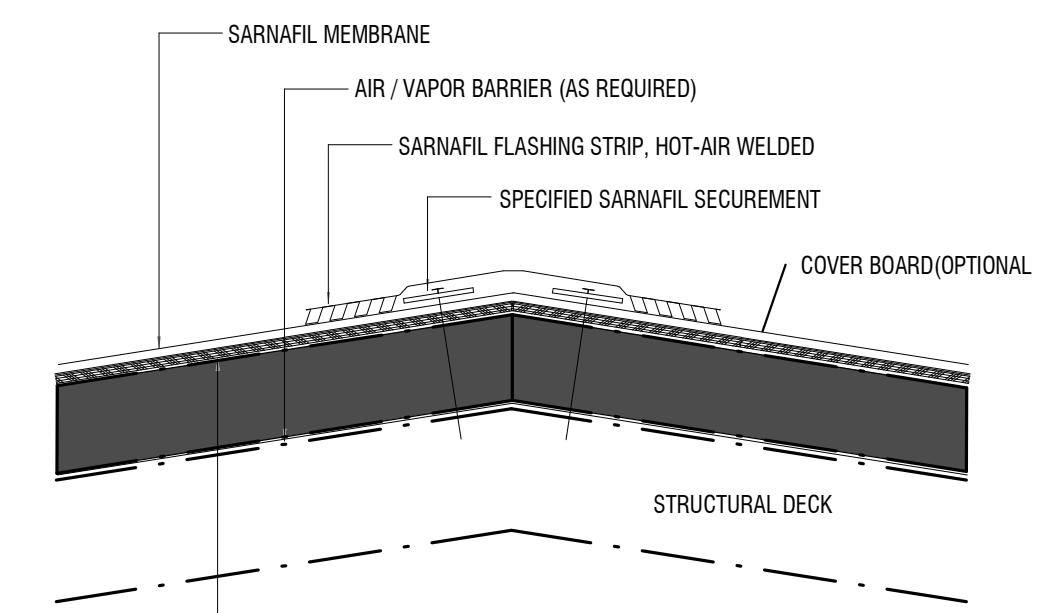
PROJECT NO: 18-050
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REVISIONS:

REVISION DESCRIPTION DATE

**PROPOSED -
DETAILS**

SHEET
NUMBER:

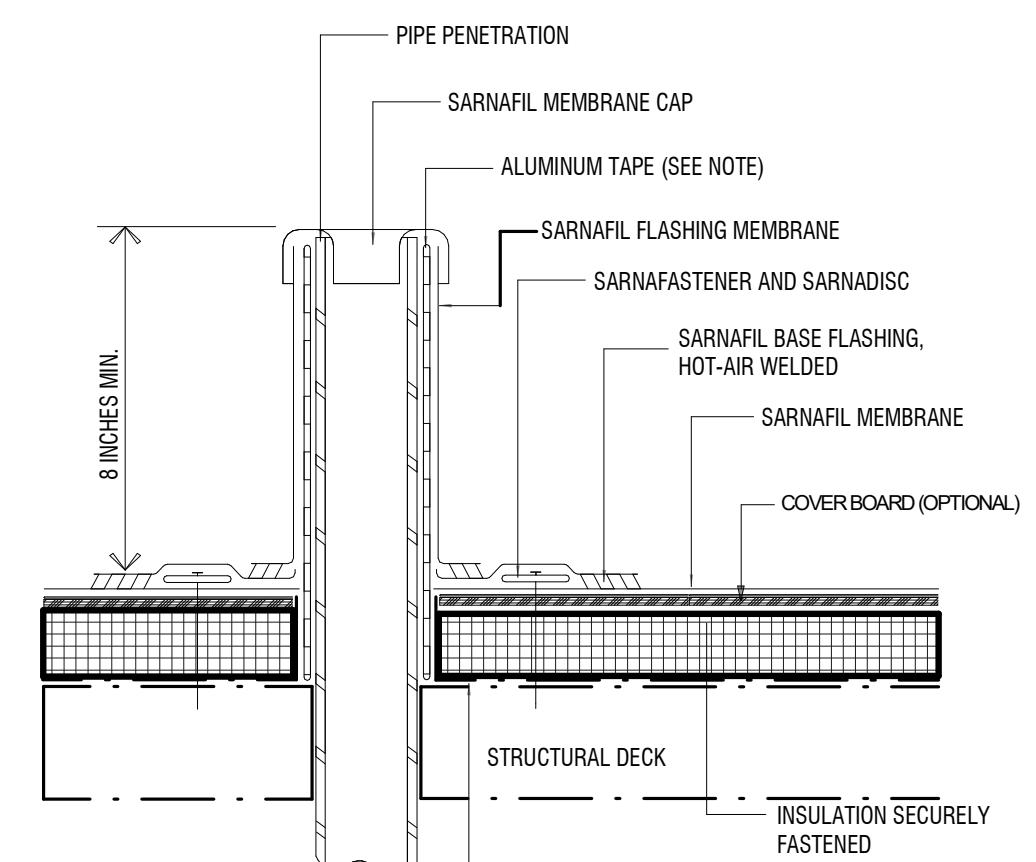
A7.0



NOTES:
1) WOOD NAILER TO MATCH HEIGHT OF INSULATION MAY BE REQUIRED AT PEAK IF INSULATION THICKNESS EXCEEDS 2 INCHES.
2) OPTION DETAIL USING SARNAFASTENERS AND SARNADISC SPACING MAY VARY. CONSULT SIKA SARNAFIL TECHNICAL DEPARTMENT.
3) APPROVED FOR SIKPLAN AND SIKPLAN NDL WARRANTIES.

PEAK/RIDGE DETAIL

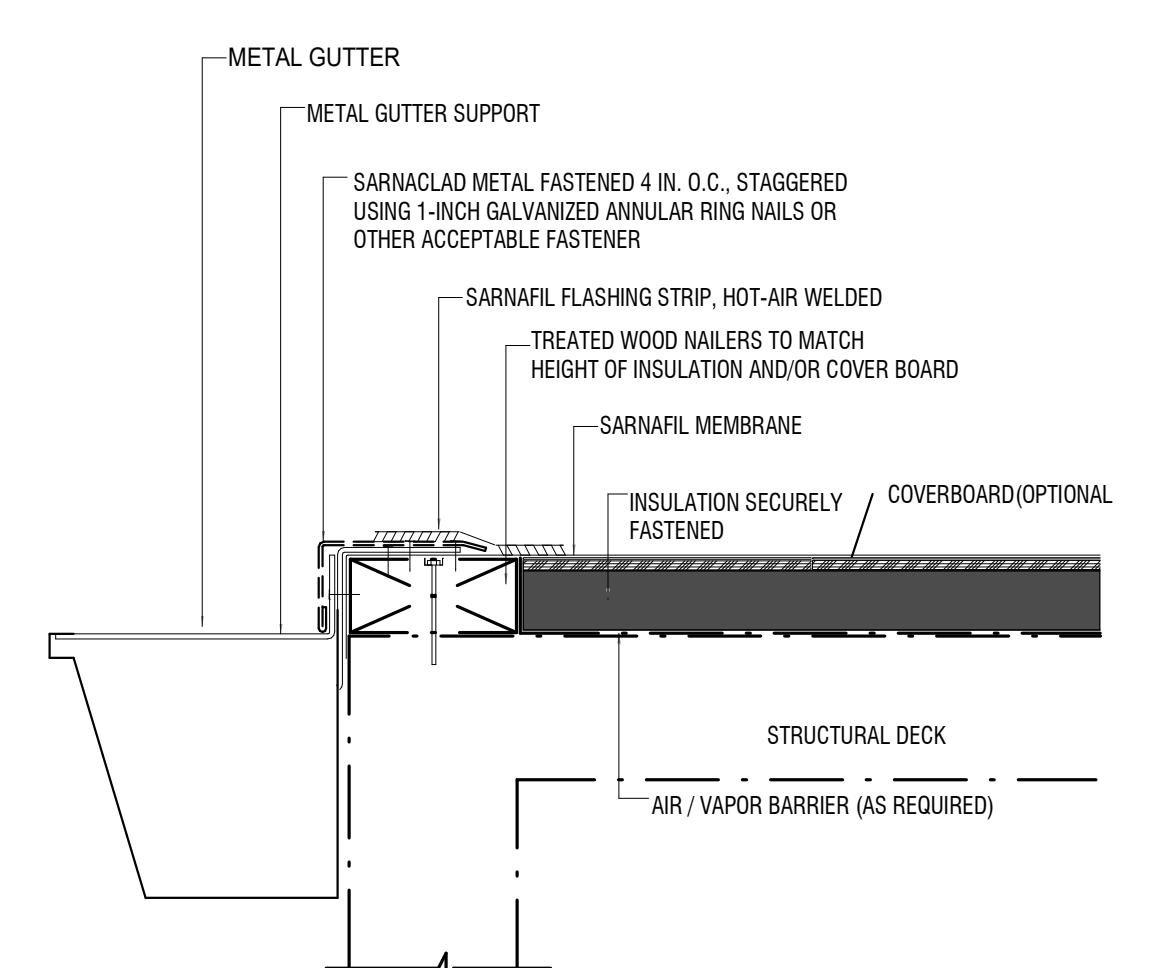
SCALE: 3" = 1'-0"



NOTES:
1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

VENT STACK FLASHING

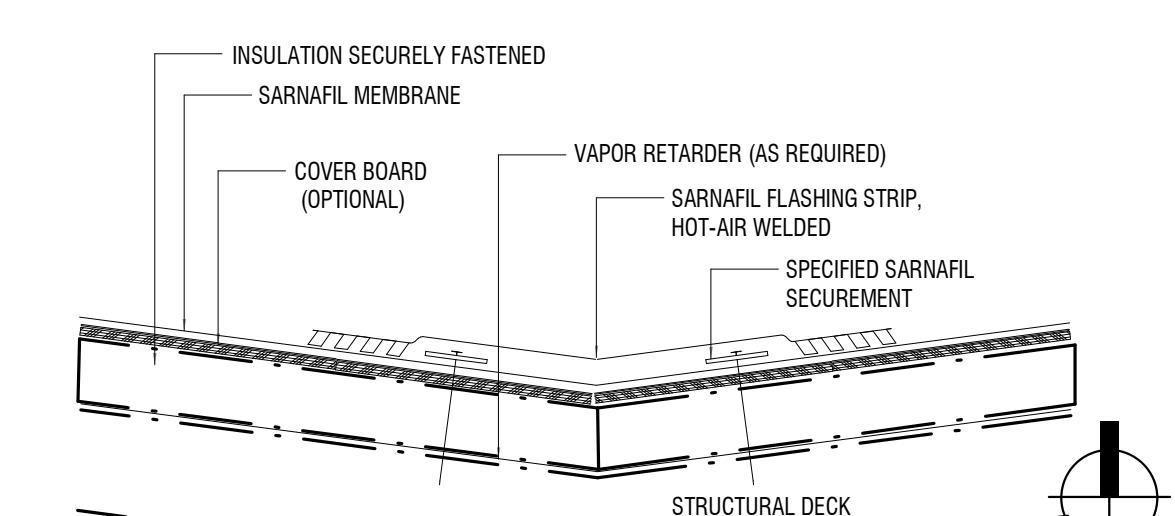
SCALE: 3" = 1'-0"



NOTES:
1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. FOLLOW FACTORY MUTUAL LOSS PREVENTION DATA SHEET 1-49 RECOMMENDATIONS.
2) THE THICKNESS OF THE NAILER SHALL MATCH THE HEIGHT OF THE INSULATION OR SURFACE TO WHICH THE MEMBRANE IS TO BE APPLIED.
3) VAPOR BARRIER SHALL BE SEALED AT EDGES.
4) POSITION THE SARNAFIL MEMBRANE (NON-FELTED) OVER THE ROOF EDGE AND DOWN OUTSIDE FACE OF WALL, COVERING TREATED WOOD NAILER(S) COMPLETELY.

**GUTTER EDGE
TYPICAL GUTTER/EAVE DETAIL**

SCALE: 3" = 1'-0"



NOTES:
1) WOOD NAILER TO MATCH HEIGHT OF INSULATION MAY BE REQUIRED AT VALLEY IF INSULATION THICKNESS EXCEEDS 2 INCHES.
2) OPTION DETAIL USING SARNAFASTENERS AND SARNADISC SPACING MAY VARY. CONSULT SIKA SARNAFIL TECHNICAL DEPARTMENT.
3) VAPOR RETARDER SHALL BE SEALED AT EDGES.

VALLEY DETAIL

SCALE: 3" = 1'-0"

SHEET
NUMBER:

A7.0

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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REVISIONS:

REVISION DESCRIPTION DATE

MECHANICAL -
LEGEND, CODES AND
ABBREVIATIONS

SHEET NUMBER:

M-001

MECHANICAL ABBREVIATIONS

A/C	AIR CONDITIONING
ABS	ABSOLUTE
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
AMPS	AMPERES
ATM	ATMOSPHERE
AUTO	AUTOMATIC
BD	BALANCING DAMPER
BFC	BELOW FINISHED CEILING
BHP	BRAKE HORSE POWER
BT	BOTTOM THROAT
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CI	CAST IRON
CO	CLEAN OUT
DB	DRY BULB OR DECIBELS
DDC	DIRECT DIGITAL CONTROL
DIA	DIA METER
DN	DN DIA
EA	EA EACH
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EP	ELECTRIC PNEUMATIC
EWT	ENTERING WET BULB TEMPERATURE
EWL	ENTERING WATER TEMPERATURE
FA	FREE AREA IN SQUARE FEET
FC	FAIL CLOSED: FLEXIBLE CONNECTION
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
GAL	GALLON
GALV	GALVANIZED
GEN	GENERATOR
GPH	GALLON PER HOUR
GPM	GALLON PER MINUTE
HB	HOSE BIB
HP	HORSE POWER
HVAC	HEATING VENTILATING AND AIR-CONDITIONING
HZ	HERTZ
IN	INCHES
IN H2O	INCHES OF WATER
IN WG	INCHES OF WATER GAUGE
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB TEMPERATURE
LRA	LOCK ROTOR AMPS
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MER	MEAN EQUIPMENT ROOM
NO	NORMALLY CLOSED
NTS	NORMALLY OPEN
OA	NOT TO SCALE
OOA	OUTSIDE AIR
OPA	OPERABLE AIR OPENING
PH	PHASE
PRV	PRESSURE REDUCING VALVE
QBD	OPPOSED BLADE DAMPER
PSI	POUNDS PER SQUARE INCH
OZ	OUNCE
PE	PNEUMATIC ELECTRIC
PSIG	POUNDS PER SQUARE INCH GAGE
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
SIS	STRUCTURAL STEEL
SA	SUPPLY AIR
SD	SPLITTER DAMPER
SEC	SECOND
SP	STATIC PRESSURE
SQ.FT	SQUARE FOOT
STD	STANDARD
T	THROAT
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TSP	TOTAL STATIC PRESSURE
TT	TOP THROAT
TP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VACUUM
W	WIDTH, WEST, WATER
W/	WITH
W/O	WITHOUT
WB	WET BULB
WMS	WIRE MESH SCREEN

MECHANICAL GENERAL NOTES

- IN GENERAL, PLANS AND DIAGRAMS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED.
- THE INTENT OF THE SPECIFICATIONS AND DRAWINGS IS TO CLARIFY THE SCOPE OF WORK AND ALERT CONTRACTOR OF EXISTING CONDITIONS. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL CLEARANCES BEFORE FABRICATION OF DUCTWORK AND PROVIDE ADDITIONAL OFFSET AND/OR CHANGES IN DUCTS TO MEET FIELD CONDITIONS AND COORDINATE WITH ELECTRICAL, PLUMBING AND FIRE PROTECTION SUBCONTRACTOR BEFORE ANY CONSTRUCTION WORK.
- SHOULD ANY CONFLICTS ARISE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE CONFLICT BEFORE ANY CHANGES ARE MADE. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL BEFORE PROCEEDING WITH ANY CHANGES.
- COORDINATE AIR DEVICE LOCATIONS WITH LIGHTING FIXTURES AND FIRE SPRINKLER HEADS.
- DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS. DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, AND OTHER ITEMS OF THE AIR HANDLING SYSTEM SHALL NOT BE SUPPORTED BY THE CEILING OR CEILING SUSPENSION SYSTEM.
- ALL SUPPLY AND RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED SHEET METAL CONSTRUCTION IN ACCORDANCE WITH LATEST SMACNA STANDARDS. ALL EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL MATERIAL UNLESS NOTED OTHERWISE. APPLY LOW VOC DUCT MASTIC PER SMACNA AND LEED STANDARDS. PRESSURE TEST ALL DUCTWORK.
- FLEXIBLE DUCTWORK SHALL BE UL LISTED, HELICAL WIRE REINFORCED FILM, WITH FIBERGLASS INSULATION AND METALIZED VAPOR BARRIER JACKET WITH A MINIMUM R-6 INSULATION VALUE. FLEXIBLE DUCTWORK SHALL BE LIMITED TO 6' MAXIMUM LENGTH. SECURE FLEXIBLE DUCTWORK TO TAPS AND DIFFUSERS WITH MASTIC AND FIBERGLASS TAPE ON THE INNER CORE. SECURE THE INSULATION AND JACKET WITH A NYLON BAND. SEAL THE JACKET TO THE VAPOR BARRIER OR STEEL DUCT AT THE BRANCH TAPS AND TO THE DIFFUSER BACK.
- ALL WALL MOUNTED THERMOSTATS AND/OR TEMPERATURE SENSORS SHALL BE INSTALLED AT AN ELEVATION OF 54" ABOVE FINISHED FLOOR TO THE TOP UNLESS OTHERWISE NOTED ON DRAWINGS. LOCATION OF THE WALL MOUNTED THERMOSTAT SHALL BE COORDINATED WITH OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THERMOSTAT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR ENGINEER'S REPRESENTATIVE IN THE FIELD.
- ALL SUPPLY AIR DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE NOTED.
- ALL WORK COVERED IN THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST PUBLISHED STANDARDS OF ASHRAE, AND NFPA. ALL DUCTWORK MUST BE INSTALLED 6' AWAY FROM ANY FIRE RATED WALL TO ALLOW FOR WALL INSPECTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES. FIXED WORK SUCH AS DUCTWORK AND GRAVITY PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUITS, SMALL DIAMETER PLUMBING PRESSURE PIPING, ETC.
- UNLESS OTHERWISE NOTED, INSTALL DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO BOTTOM OF STRUCTURE. COORDINATE DUCT ELEVATION WITH RAIN LEADERS, WATER PIPING, SANITARY DRAINS AND MAJOR ELECTRICAL CONDUITS.
- PROVIDE SPIN-IN TAKE-OFF WITH VOLUME DAMPERS AND LOCKING QUADRANTS IN ALL DUCT BRANCHES. PROVIDE LOW PROFILE RECTANGULAR TAKE-OFF AS REQUIRED.
- ALL INSULATION SHALL HAVE A MINIMUM FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/50.
- SUBMIT EQUIPMENT AND MATERIAL SUBMITTALS FOR DIFFUSERS, GRILLES, AND FLEX DUCT.
- AT THE CONCLUSION OF INSTALLATION THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A COMPLETE CERTIFIED TEST AND BALANCE REPORT FROM AN AGENCY HAVING A MINIMUM OF THREE YEARS EXPERIENCE AND REGISTERED WITH THE NEBB OR AABE. REPORT SHALL ITEMIZE THE PERFORMANCE OF EACH AIR DEVICE AND A/C UNIT WITH REGARD TO CFM, STATIC PRESSURE AND TEMPERATURE. TABULATE ALL VALUES AND COMPARE TO EQUIPMENT TOTAL PERFORMANCE. PROVIDE PERCENT DEVIATIONS OF RECORDED VALUES FROM DESIGN VALUES. CONTRACTOR SHALL SUBMIT A CERTIFIED COPY OF THE TEST AND BALANCE REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL.
- CONTRACTOR SHALL ARRANGE TO PAY FOR ALL NECESSARY PERMITS, LICENSES AND INSPECTIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

MECHANICAL LEGEND

24XXCD YYYCFM	CEILING DIFFUSER, YYY=AIRFLOW 24=SQUARE SIZE, XX=NECK SIZE
24X24RAG YYYCFM XX*	RETURN AIR GRILLE YYY=AIRFLOW, XX=NECK SIZE
24X24EG YYYCFM XX*	EXHAUST GRILLE YYY=AIRFLOW, XX=NECK SIZE
	DUCT ELBOW (TURNING VANES SHOWN)
	FLEXIBLE DUCT CONNECTION
	EQUIPMENT TAG XX=XX-EQUIP TYPE, YY=YY-EQUIP. NO.
	THERMOSTAT
	HUMIDISTAT
	SMOKE DETECTOR

CODES AND STANDARDS

ALL PROJECT WORK SHALL BE GOVERNED BY AND ADHERE TO THE FOLLOWING CODES AND STANDARDS.

1. FLORIDA BUILDING CODE - SIXTH EDITION (2017)
 - 1.1. FLORIDA BUILDING CODE, SIXTH EDITION (2017) - EXISTING BUILDING
 - 1.2. FLORIDA BUILDING CODE - SIXTH EDITION (2017) - MECHANICAL
 - 1.3. FLORIDA BUILDING CODE - SIXTH EDITION (2017) - ENERGY CONSERVATION
2. FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017)
 - 2.1. FIRE CODE (NFPA 1 - 2015 FLORIDA EDITION)
 - 2.2. LIFE SAFETY CODE (NFPA 101 - 2015 FLORIDA EDITION)
3. NATIONAL ELECTRIC CODE (NFPA 70 - 2014)
4. FIRE ALARM AND SIGNALING CODE (NFPA 72 - 2013)

SPLIT SYSTEM SCHEDULE

MANUFACTURER	LENNOX	LENNOX
UNIT TYPE	HEAT PUMP	HEAT PUMP
OUTDOOR CONDENSER MARK	HP-1	HP-2
CONDENSER MODEL #	SPB060H4	SPB034
AIR HANDLER MARK	AHU-1	AHU-2
AIR HANDLER MODEL #	CBX27UH-060	CBX27UH-036
NOMINAL TONNAGE	5	3
TOTAL GROSS CAPACITY (BTUH)	53906	31709
GROSS SENSIBLE CAPACITY (BTUH)	42000	24738
EFFICIENCY COOLING (SEER)	16	16
HEAT PUMP HEATING CAPACITY @ 47F (BTUH)	47660	40000
HEAT PUMP EFFICIENCY HEATING (COP)	3.1	3.1
DESIGN CONDITIONS		
SUMMER OUTDOOR TEMP DB/WB (DEG F)	94/77	94/77
SUMMER INDOOR DB/WB (DEG F)	75/63	75/63
WINTER OUTDOOR TEMP (DEG F)	30	30
WINTER INDOOR (DEG F)	70	70
OUTDOOR AIR (CFM)	225	155
TOTAL AIR (CFM)	1480	1265
ENTERING AIR (DB/WB) MIXED	77.8/65	77.8/65
LEAVING AIR (DB/WB)	55/54	55/54
INDOOR UNIT		
FAN MOTOR (HP)	1	1
FAN STATIC PRESSURE (IN WG)	0.89	0.7
AIR HANDLER ELECTRICAL CHARACTERISTICS	208-1	208-1
ELECTRIC HEAT (KW-STAGES)	20	10
ELECTRIC HEAT ELECTRICAL CHARACTERISTICS	208-1	208-1
OUTDOOR UNIT		
ELECTRICAL CHARACTERISTICS	208-3	208-3
MINIMUM CIRCUIT AMPS	22.4	16.2
MAXIMUM OVERCURRENT PROTECTION (MOCP)	35	25
SCHEDULE NOTES	(1) (2) (3) (4) (5)	(1) (2) (3) (4) (5)
1) PROVIDE SINGLE POINT POWER CONNECTION AND DISCONNECT		
2) PROVIDE EDA-036 DEHUMIDIFICATION SYSTEM		
3) PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT		
4) PROVIDE OUTDOOR SENSOR AT CONDENSER		
5) PROVIDE DRAIN SENSOR IN PTRAP TO SHUT DOWN AHU		

EXHAUST FAN SCHEDULE

MANUFACTURER	GREENHECK	GREENHECK
MODEL	SP-A200	SP-A200
UNIT TYPE	BATHROOM - CEILING	BATHROOM - CEILING
FAN MARK	EF-1	EF-2
DRIVE	DIRECT	DIRECT
AIRFLOW (CFM)	125	125
EXTERNAL STATIC PRESSURE (INCH WG)	0.4	0.4
FAN SPEED (RPM)	778	778
FAN POWER (WATT)	32	32
MOTOR SIZE (HP)	FRACTIONAL	FRACTIONAL
VOLTS-PHASE	120-1	120-1
SCHEDULE NOTES	(1)(2)	(1)(2)
1) PROVIDE WALL CAP WITH BACKDRAFT DAMPER		
2) PROVIDE DIRECT DRIVE WITH SPEED CONTROLLER		

VENTILATION AIR SCHEDULE

ROOM #	ROOM

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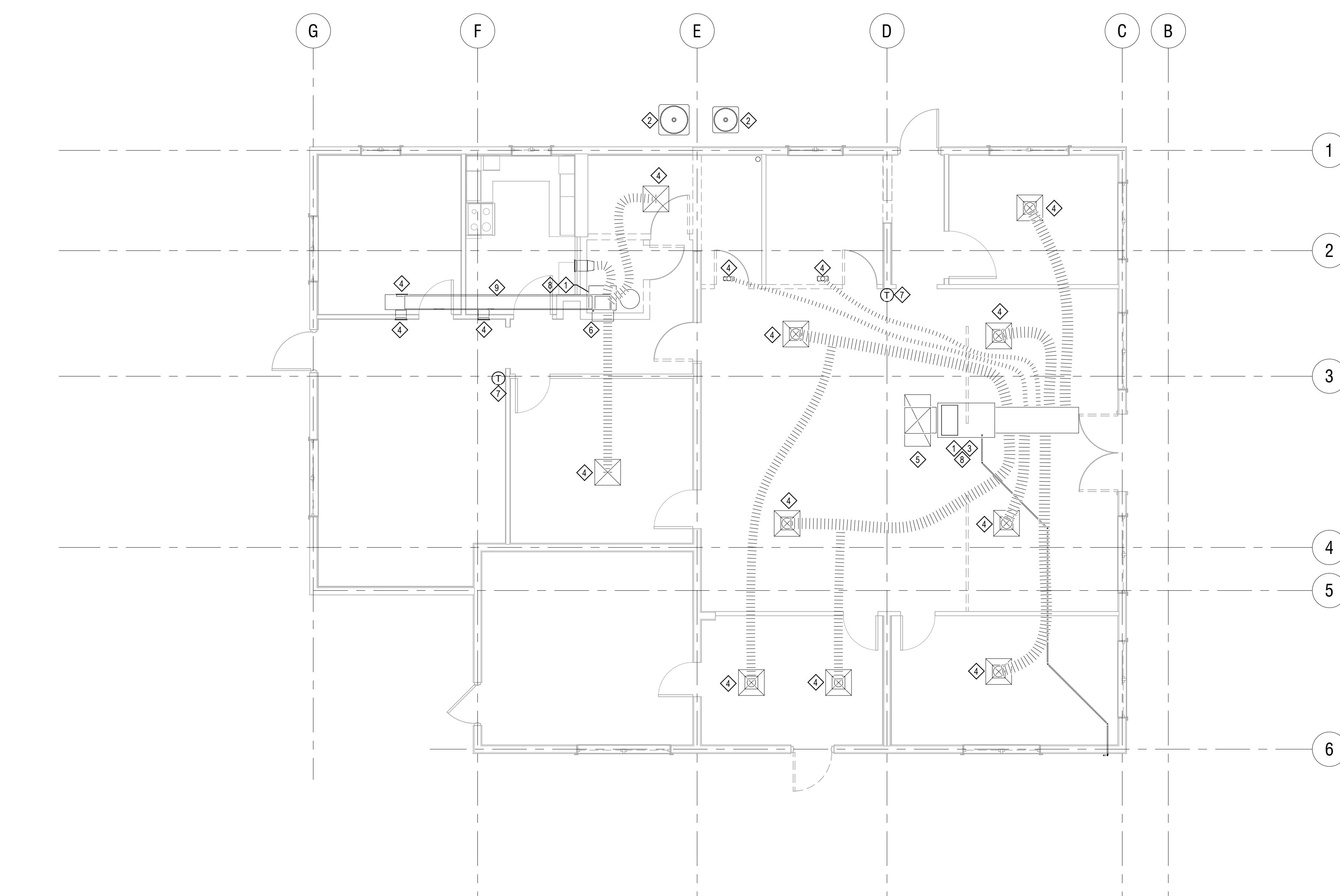
PROJECT NO: 18-050
CLIENT'S NO: 90% REVIEW
ISSUED FOR: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

SHEET TITLE:
**MECHANICAL FLOOR
PLAN - DEMOLITION**

SHEET NUMBER:

M-101



DEMOLITION NOTES: ◊◊◊◊◊◊◊◊◊◊

1. DEMOLISH EXISTING AIR HANDLER AND ASSOCIATED DUCTWORK.
2. DEMOLISH EXISTING CONDENSING UNIT AND ALL ASSOCIATED REFRIGERANT PIPING.
3. DEMOLISH EXISTING COOLING TOWER. DEMOLISH EXISTING VENT CAP AND WEATHER ROOF AT THE VENT ROOF PENETRATION.
4. DEMOLISH EXISTING SUPPLY OPENING AND ASSOCIATED DUCT RUNOUT.
5. DEMOLISH EXISTING RETURN AIR PLENUM AND ASSOCIATED RETURN DUCT.
6. DEMOLISH EXISTING RETURN GRILLE AND ASSOCIATED RETURN DUCT.
7. DEMOLISH EXISTING THERMOSTAT AND WIRING.
8. DEMOLISH EXISTING CONDENSATE DRAIN PIPING, CAP AT EXISTING DISPOSAL POINT.
9. EXISTING DUCT TO REMAIN.

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

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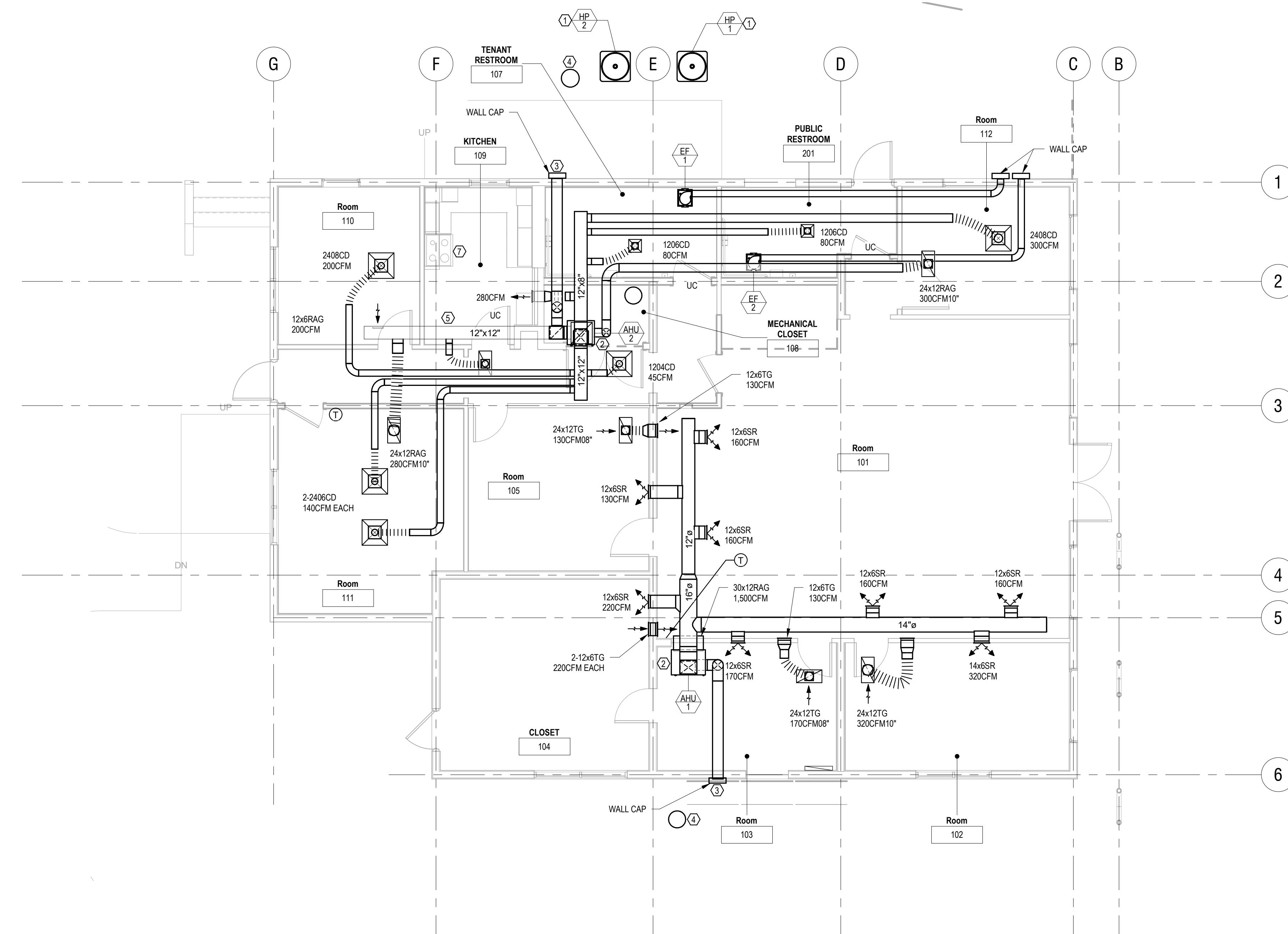
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**MECHANICAL FLOOR
PLAN**

SHEET NUMBER:

M-102



N
MECHANICAL FLOOR PLAN
3/16" = 1'-0"

SHEET NOTES: ① ② ③ ④ ⑤ ⑥ ⑦

1. INSTALL NEW CONDENSING ON NORTH SIDE OF THE BUILDING WHERE INDICATED. ROUTE INSULATED REFRIGERANT PIPING TO EXTERIOR WALL ABOVE CEILING. ROUTE INSULATED AND ALUMINUM JACKETED PIPING TO CONDENSING UNIT. SEE DETAIL ON SHEET M01 FOR REQUIREMENTS.
2. INSTALL NEW AHU ON INSULATED PLENUM BOX. PROVIDE BALANCING DAMPER ON RA DUCT MAIN.
3. ROUTE NEW OA DUCT TO EXTERIOR WALL. PROVIDE INSECT SCREEN. PROVIDE MOTORIZED OA DAMPER TO CLOSE WHEN UNIT IS OFF.
4. ROUTE CONDENSATE DRAIN PIPING TO NEW DRY WELL. SEE DETAIL ON SHEET M001 FOR REQUIREMENTS.
5. REUSE EXISTING DUCT CONNECT NEW RUNOUTS AS INDICATED.
6. INSTALL NEW EXHAUST FAN IN CEILING WHERE INDICATED. ROUTE DUCT ABOVE CEILING TO EXTERIOR WALL. PROVIDE WALL CAP. EXISTING RANGE HOOD PROVIDES KITCHEN EXHAUST.
- 7.

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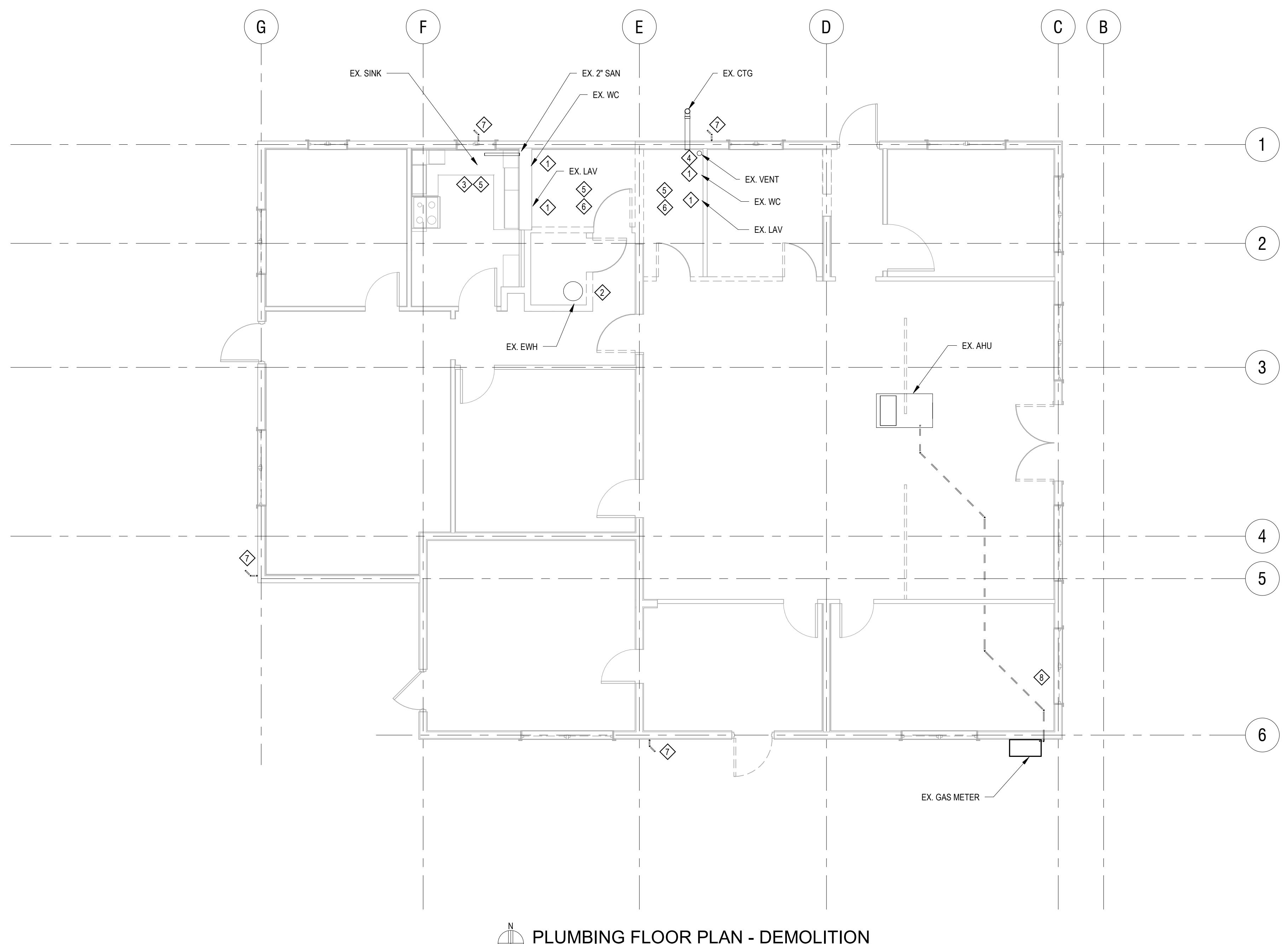


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DEMOLITION NOTES

- ◇ DEMOLISH EXISTING PLUMBING FIXTURE AND ALL PIPING BELOW FLOOR.
- ◇ RELOCATE EXISTING EWH. SEE NEW WORK FOR LOCATION.
- ◇ EXISTING SINK TO REMAIN.
- ◇ DEMOLISH EXISTING VENT STACK.
- ◇ DEMOLISH EXISTING DCW PIPING BACK TO CONNECTION OF NEW.
- ◇ DEMOLISH ALL BELOW FLOOR AND IN-WALL WASTE AND VENT PIPING BACK TO CONNECTION OF NEW.
- ◇ DEMOLISH EXISTING HB.
- ◇ DEMOLISH EXISTING GAS SERVICE AND ALL PIPING BACK TO METER.

SHEET TITLE:
**PLUMBING FLOOR
PLAN - DEMOLITION**

SHEET NUMBER:

P-101

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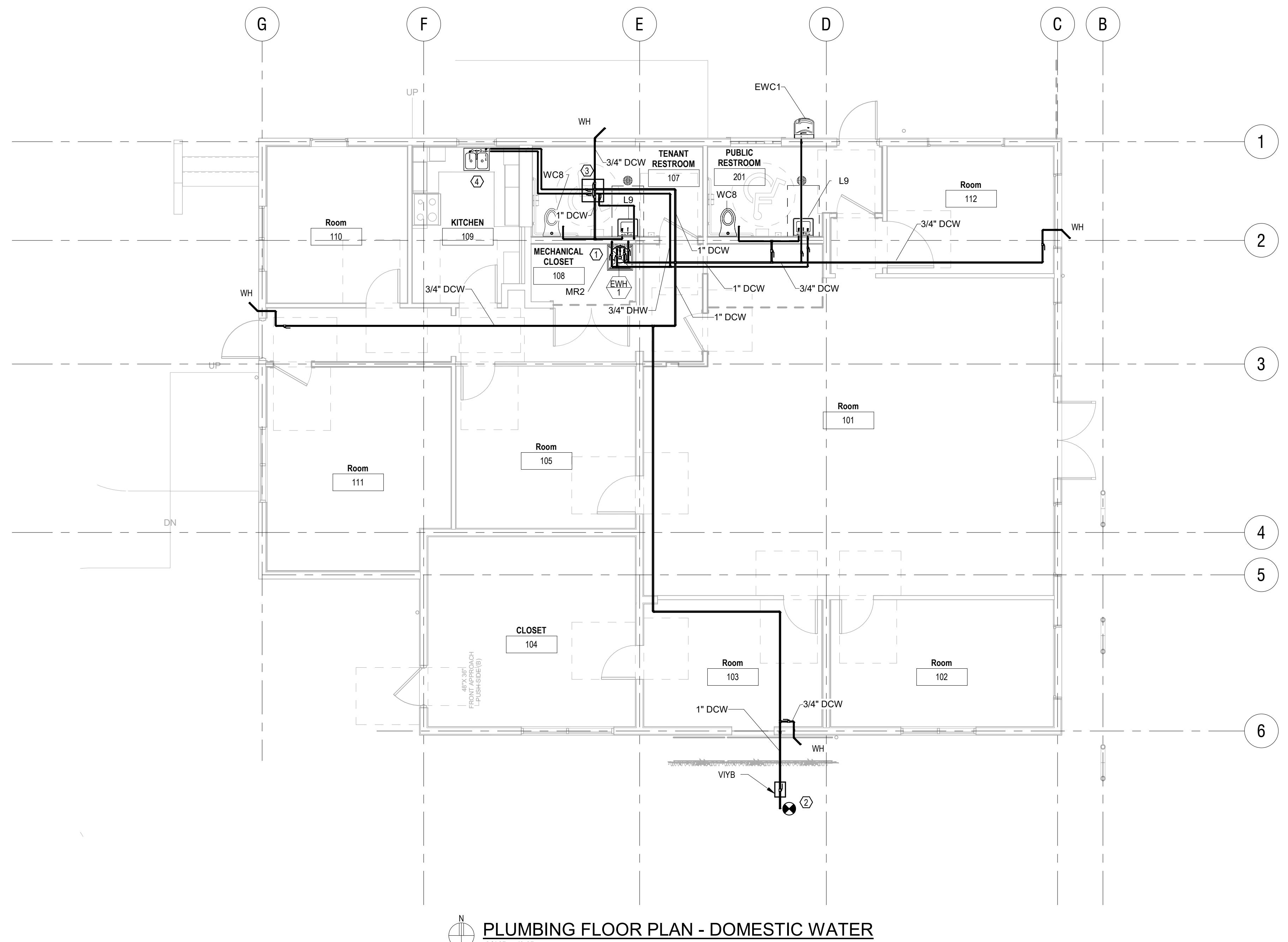
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SHEET NOTES

- ① RELOCATE EXISTING EWH ABOVE MR2 AND INSTALL TMV.
- ② CONNECT TO EXISTING DCW.
- ③ PROVIDE ACCESS PANEL FOR VALVE ACCESS. COORDINATE WITH ARCHITECT.
- ④ CONNECT EX. SINK TO NEW DCW.

SHEET TITLE:
**PLUMBING FLOOR
PLAN - DOMESTIC
WATER**

SHEET NUMBER:

P-102

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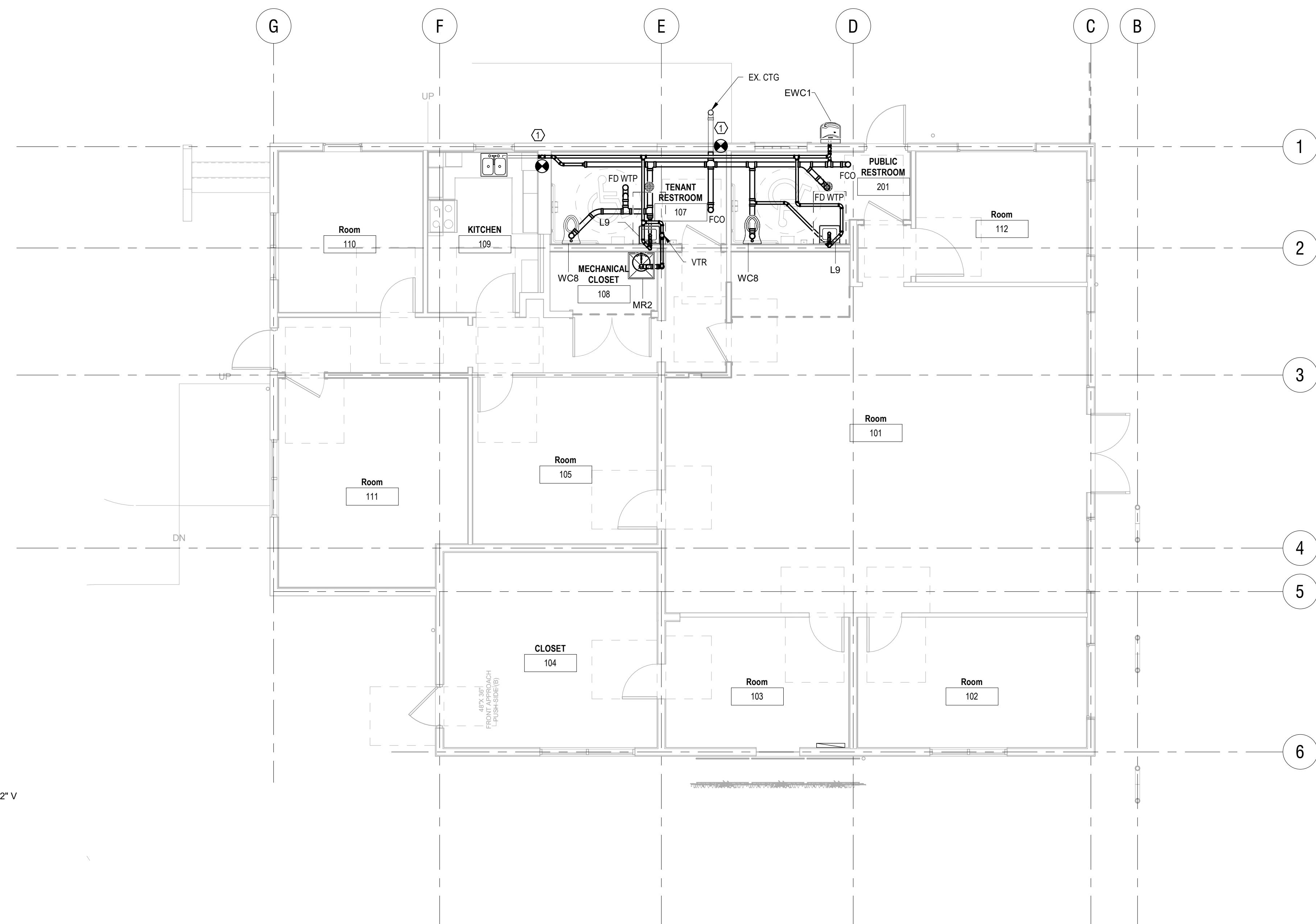
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SHEET TITLE:
**PLUMBING FLOOR PLAN AND RISER -
WASTE AND VENT**

SHEET NUMBER:

P-103



SHEET NOTES

① CONNECT TO EXISTING SAN.

PLUMBING - SANITARY RISER DIAGRAM
NOT TO SCALE

1 2 3 4 5 6 7 8 9 10

J J

I I

H H

G G

F F

E E

D D

C C

B B

A A

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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ELECTRICAL LEGEND, CODES, & DETAILS

SHEET NUMBER:
E-001

LEGEND

RECEPTACLE:
 DUPLEX RECEPTACLE. 18" AFF UNO.
 ABOVE COUNTER DUPLEX RECEPTACLE. 46" AFF UNO. COORDINATE WITH COUNTER, BACKSPLASH, ETC.
 DUPLEX RECEPTACLE FACE DOWN IN CEILING.
 SPECIAL PURPOSE RECEPTACLE. 18" AFF UNO. COORDINATE WITH EQUIPMENT.

 RECEPTACLE SUBSCRIPTS:
 G GFCI-TYPE RECEPTACLE.
 GCB GFCI-TYPE POWER FROM BRANCH CIRCUIT BREAKER.
 EWC NON-GFCI RECEPTACLE ON GFCI CIRCUIT BREAKER. COORDINATE HEIGHT WITH EQUIPMENT.
 WP WEATHER RESISTANT WIRING DEVICE. WP RECEPTACLES SHALL BE GFCI TYPE WITH IN-USE COVERS.
 6-30R NEMA RECEPTACLE TYPE.

POWER EQUIPMENT AND CONNECTIONS:

DISTRIBUTION PANELBOARD.
PANELBOARD.
E ELECTRICAL CONNECTION TO EQUIPMENT. SEE ELECTRICAL EQUIPMENT SCHEDULE.
JUNCTION BOX.

LIGHT FIXTURES:

LIGHT FIXTURES SHALL BE AS INDICATED IN LIGHT FIXTURE SCHEDULE. SEE LIGHT FIXTURE SCHEDULE.

LIGHT FIXTURES SUBSCRIPTS:

a.b LOWERCASE LETTERS INDICATE SWITCHING/DIMMING ZONES.
 DL DAYLIGHT SENSOR DIMMED.
 24/7 LIGHT NOT SWITCHED BY OCCUPANCY SENSORS OR SWITCHES.
 EM PARTIAL SHADING OR EM SUBSCRIPT INDICATES EMERGENCY FIXTURE. SEE LIGHT FIXTURE SCHEDULE.

 LIGHTING CONTROLS:

\$ TOGGLE SWITCH. 46" AFF UNO.
 PO 120/277V 20A PHOTOCELL.
 LC 120/277V LIGHTING CONTACTOR. BOD: ENCLOSED SQUARE D CLASS 8903 WITH HOA SWITCH.
 TG 120/277V ASTRONOMICAL TIME CLOCK. BOD: PARAGON SUNTRACKER II.

ANNOTATIONS:

DEMOLITION SHEET NOTE.
 ELECTRICAL SHEET NOTE.
 AH 111 MECHANICAL EQUIPMENT TAG.

 GENERAL SUBSCRIPTS (APPLY TO ALL CATEGORIES):
 2P1A ELECTRICAL EQUIPMENT TAG.
 GCB FED FROM GFCI TYPE CIRCUIT BREAKER.
 72" INDICATES HEIGHT OF FIXTURE, RECEPTACLE, BOX, CABINET, ETC. HEIGHT IS TO CENTERLINE UNLESS OTHERWISE INDICATED.
 EX EXISTING TO REMOVE
 WP WEATHERPROOF INSTALLATION, WITH APPROPRIATELY LISTED OR INDICATED PRODUCTS.

 A-1 ELECTRICAL HOME RUN TO PANELBOARD. UNDERLINED LABEL INDICATES PANELBOARD NAME AND CIRCUIT NUMBER. UNLESS INDICATED OTHERWISE, DEFAULT WIRING IS #12 & #12G IN 1/2" C. SEE ELECTRICAL EQUIPMENT SCHEDULE FOR SPECIFIC CIRCUIT SIZING.

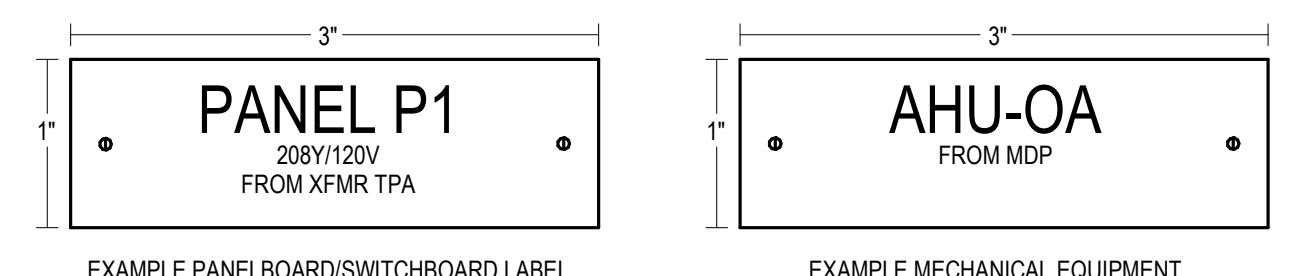
ABBREVIATIONS

AWG AMERICAN WIRE GAUGE
 BOD BASIS OF DESIGN
 C CONDUIT
 CB CIRCUIT BREAKER
 CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
 CFOI CONTRACTOR FURNISHED, OWNER INSTALLED
 CKT DIVISION
 DIV DIVISION
 ECB ENCLOSED CIRCUIT BREAKER
 EWC ELECTRIC WATER COOLER
 EX EXISTING TO REMAIN
 G GROUND, GROUND FAULT CIRCUIT INTERRUPTER
 GCB GFCI CIRCUIT BREAKER
 GRU GAINESVILLE REGIONAL UTILITIES
 LTG LIGHTING
 LTS LIGHTS
 MCC MOTOR CONTROL CENTER
 NAC NOTIFICATION APPLIANCE CIRCUIT
 OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
 OFOI OWNER FURNISHED, OWNER INSTALLED
 PBD POWER BUDGET
 POM POWER METER
 SPD SURGE PROTECTION DEVICE
 SLC SIGNALING LINE CIRCUIT
 SS SAFETY SWITCH
 SWBD SWITCHBOARD
 TBD TO BE DETERMINED
 TCR TELECOMMUNICATIONS ROOM
 TO TELECOMMUNICATIONS OUTLET
 TYP TYPICAL
 UNO UNLESS NOTED OTHERWISE
 WP WEATHER PROOF / WEATHER RESISTANT
 WR WEATHER PROOF / WEATHER RESISTANT
 WRT WITH RESPECT TO

CODES AND STANDARDS

ALL PROJECT WORK SHALL BE GOVERNED BY AND ADHERE TO THE FOLLOWING CODES AND STANDARDS.

1. FLORIDA BUILDING CODE - SIXTH EDITION (2017)
2. FLORIDA BUILDING CODE - SIXTH EDITION (2017) - ENERGY CONSERVATION
3. FLORIDA FIRE PREVENTION CODE - SIXTH EDITION (2017)
 - A FIRE CODE (NFPA 1 - 2015 FLORIDA EDITION)
 - B LIFE SAFETY CODE (NFPA 101 - 2015 FLORIDA EDITION)
4. NATIONAL ELECTRIC CODE (2014 NFPA 70)
5. FIRE ALARM SYSTEMS (2013 NFPA 72)
6. UNDERWRITERS LABORATORIES (UL)
7. AMERICAN NATIONAL STANDARDS INSTITUTION (ANSI)
8. AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
9. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
10. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
11. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
12. ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA)
13. TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
14. ELECTRONICS INDUSTRY ALLIANCE (EIA)



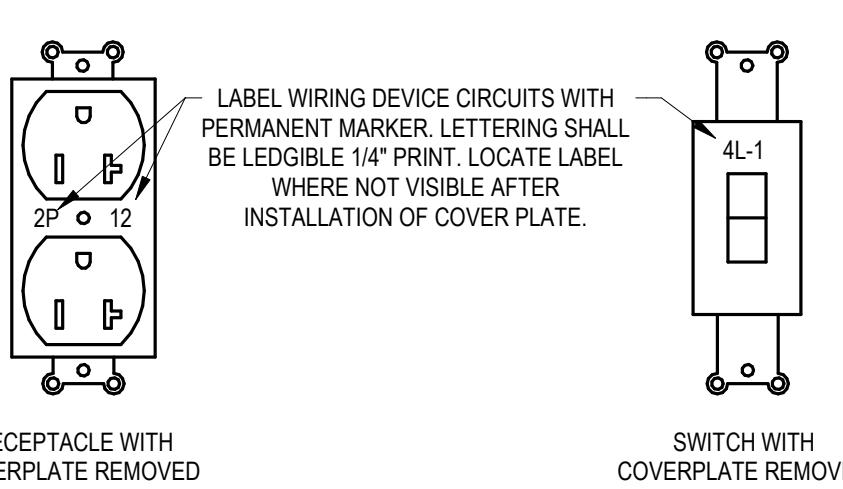
EXAMPLE PANELBOARD/SWITCHBOARD LABEL

EXAMPLE MECHANICAL EQUIPMENT DISCONNECT LABEL

PROVIDE ENGRAVED PLASTIC TAG WITH 1/4" HIGH LETTERS
NORMAL POWER: BLACK LETTERS ON WHITE BACKGROUND
STANDBY POWER: WHITE LETTERS ON RED BACKGROUND.
DIMENSIONS SHOWN ARE MINIMUM.

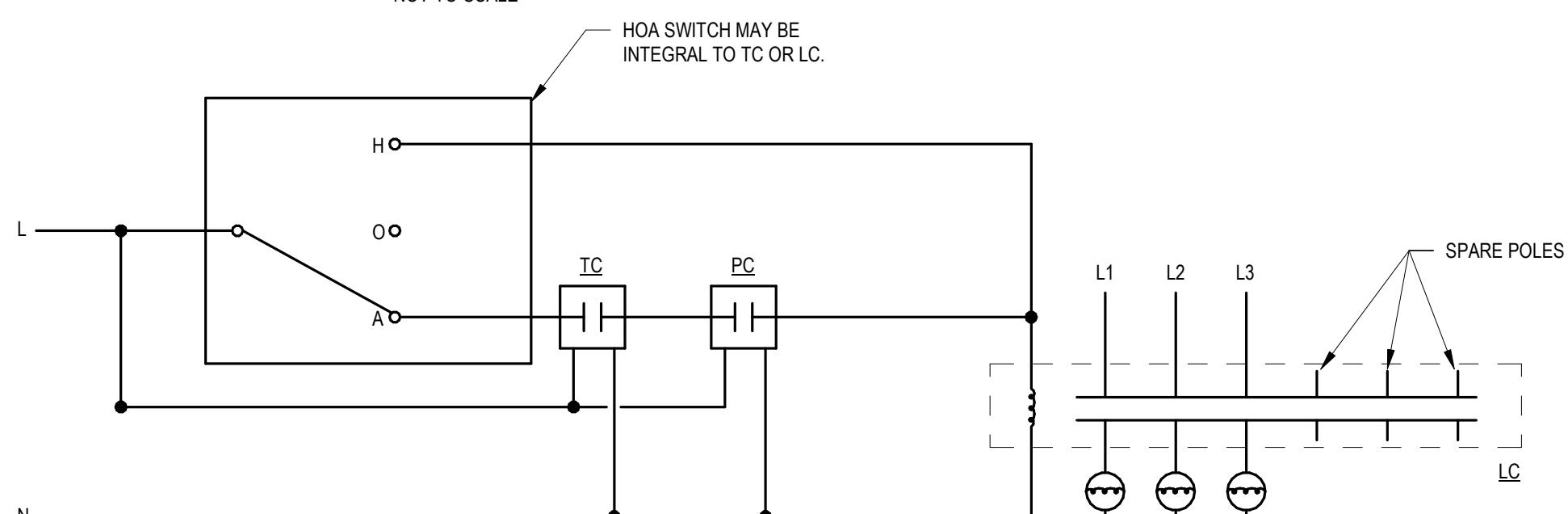
ELECTRICAL EQUIPMENT LABELING DETAIL

NOT TO SCALE



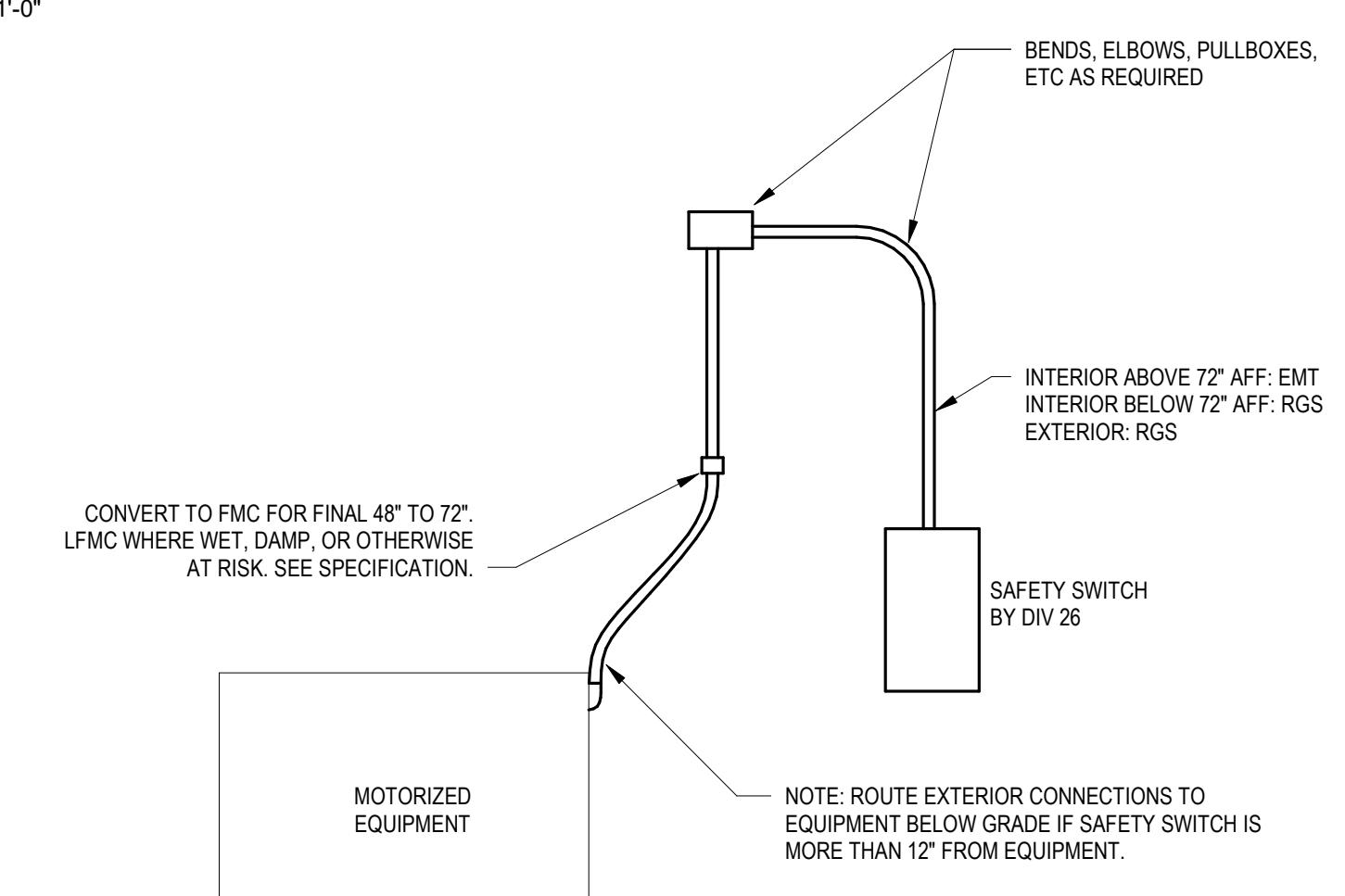
ELECTRICAL WIRING DEVICE LABEL DETAIL

NOT TO SCALE



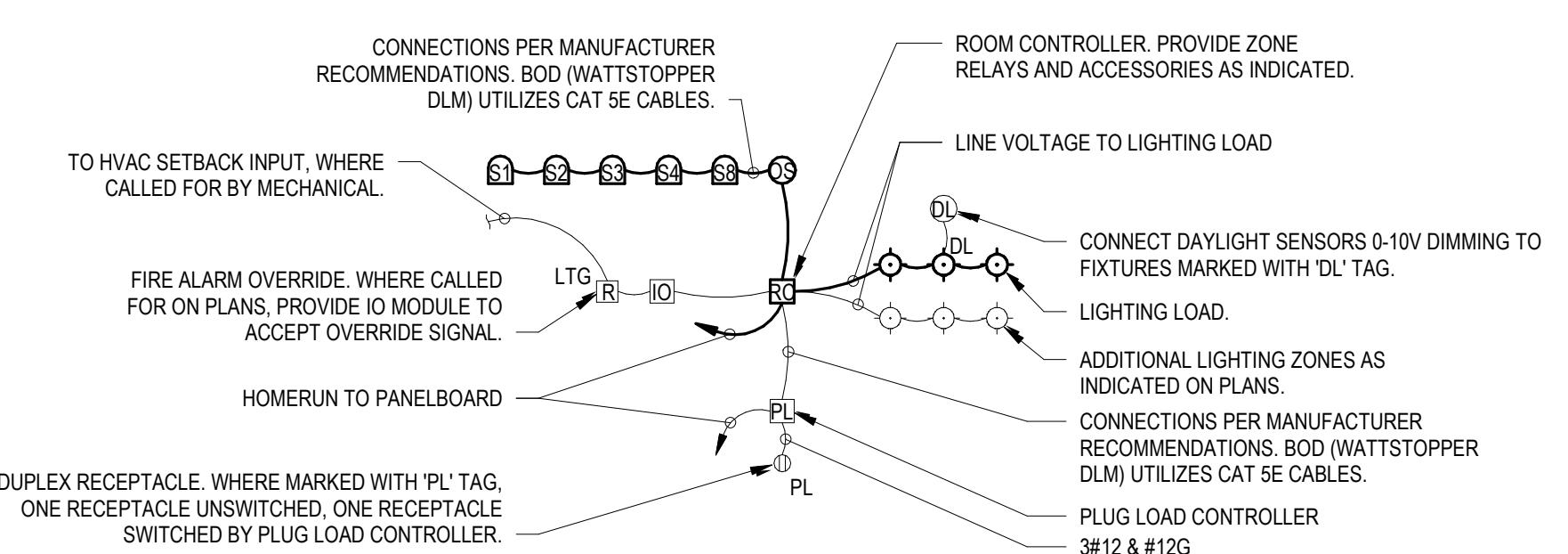
MULTIPLE-CIRCUIT EXTERIOR LIGHTING CONTROL DIAGRAM

12" = 1'-0"



MOTORIZED EQUIPMENT CONNECTION DETAIL

NOT TO SCALE



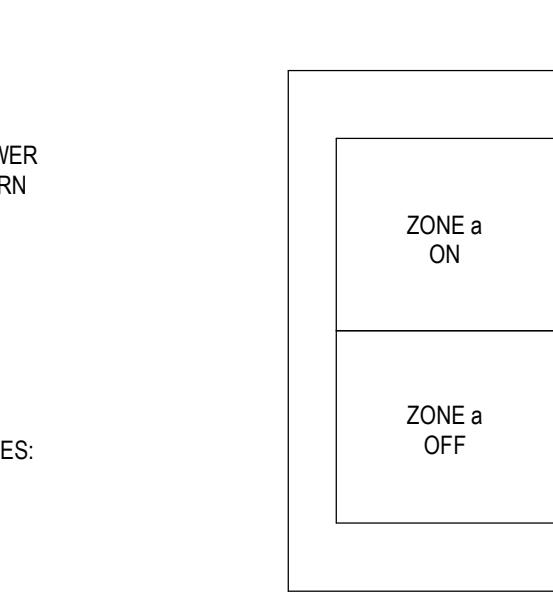
LINETYPE LEGEND:
 — STANDARD EQUIPMENT
 - - - SITUATIONAL EQUIPMENT

ROOM CONTROLLER DIAGRAM NON-DIMMING

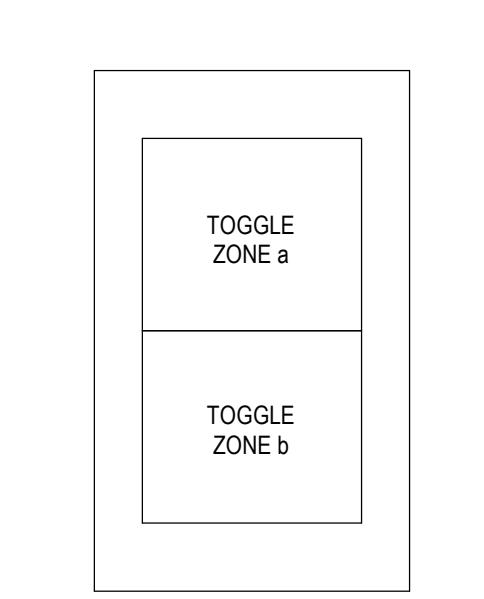
NOT TO SCALE

UN-OCCUPIED MODE:
 A. OCCUPANCY SENSOR DETECTS OCCUPANCY:
 a. TURN ON LIGHTING.
 b. WHERE POWER PACK CONTROLS TWO ZONES, ONLY ALPHABETICALLY FIRST ZONE TURNS ON. (E.G. IF A POWER PACK CONTROLS ZONES 'E' AND 'F', ZONE 'E' WOULD TURN ON AND ZONE 'F' WOULD REMAIN OFF.)
 c. ENTER OCCUPIED MODE.
 LOW VOLTAGE BUTTON IS PRESSED:
 a. TURN ON LIGHTING ZONES PER SWITCH INPUT.
 b. ENTER OCCUPIED MODE.

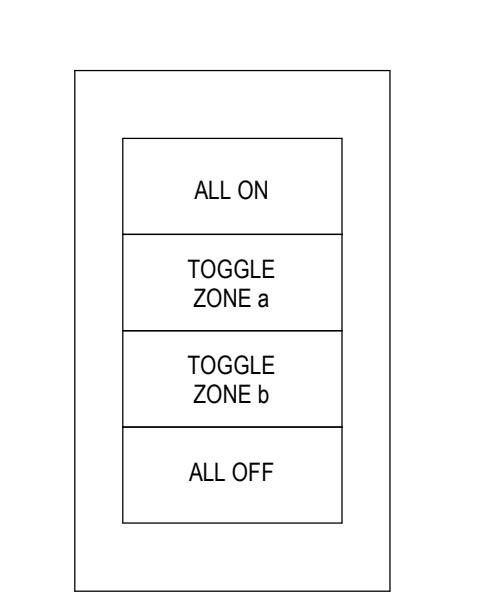
OCCUPIED MODE:
 A. OCCUPANCY SENSOR DOES NOT DETECT OCCUPANCY FOR 15 MINUTES, AND NO BUTTONS HAVE BEEN PRESSED FOR 15 MINUTES:
 a. TURN OFF ALL LIGHTING (EXCEPT 24/7 FIXTURES).
 b. ENTER UN-OCCUPIED MODE.
 LOW VOLTAGE BUTTON IS PRESSED:
 a. TOGGLE LIGHTING ZONES PER SWITCH INPUT.



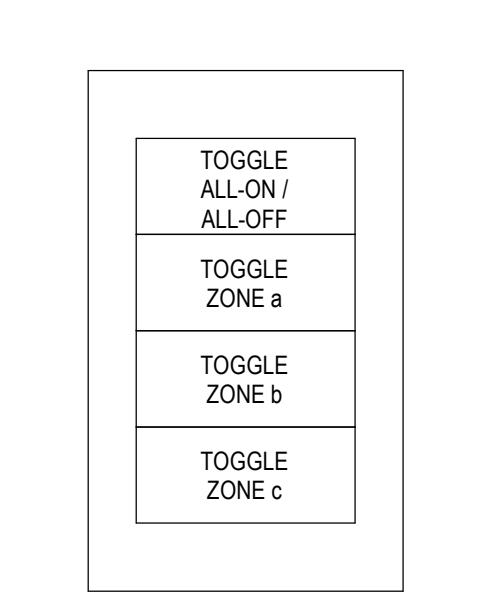
LOW VOLTAGE
SWITCH FUNCTION
S2
ONE ZONE



LOW VOLTAGE
SWITCH FUNCTION
S2
TWO ZONES



LOW VOLTAGE
SWITCH FUNCTION
S4
TWO ZONES



LOW VOLTAGE
SWITCH FUNCTION
S4
THREE ZONES

TYPICAL LOW VOLTAGE BUTTON SWITCHES NON-DIMMING

NOT TO SCALE

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

MANLEY DESIGN

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Mitchell Gulledge Engineering, Inc.
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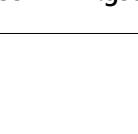
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SEAL:

PROJECT NO: 18-050
CLIENT'S NO: 90% REVIEW
ISSUED FOR: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

SHEET TITLE:
**ELECTRICAL SITE
PLAN**

SHEET NUMBER:

E-100



**KIWANIS
GIRL SCOUT
PARK
IMPROVEMENTS**

City of Gainesville
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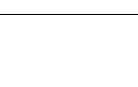
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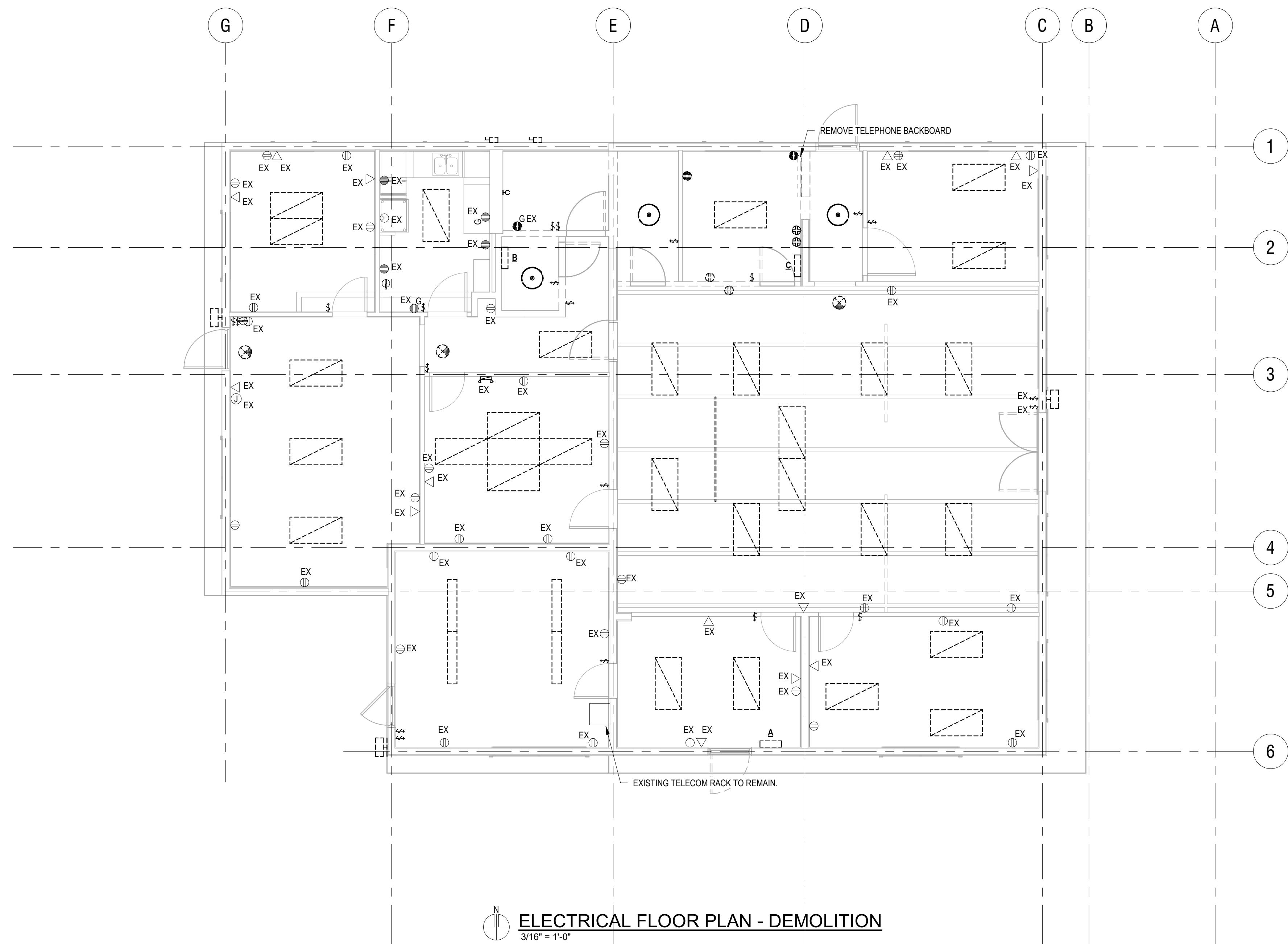


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SEAL:

NOT FOR CONSTRUCTION



ELECTRICAL FLOOR PLAN - DEMOLITION

PROJECT NO: 18-050
CLIENT'S NO: 90% REVIEW
ISSUED FOR:
ISSUED DATE: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

SHEET TITLE:
**ELECTRICAL FLOOR
PLAN - DEMOLITION**

SHEET NUMBER:

E-101

SHEET NOTES

① VERIFY ALL RECEPTACLES IN THIS ROOM HAVE GFCI PROTECTION.
PROVIDE PRINTED LABEL ON COVER PLATES INDICATING THAT
RECEPTACLES ARE PROTECTED.

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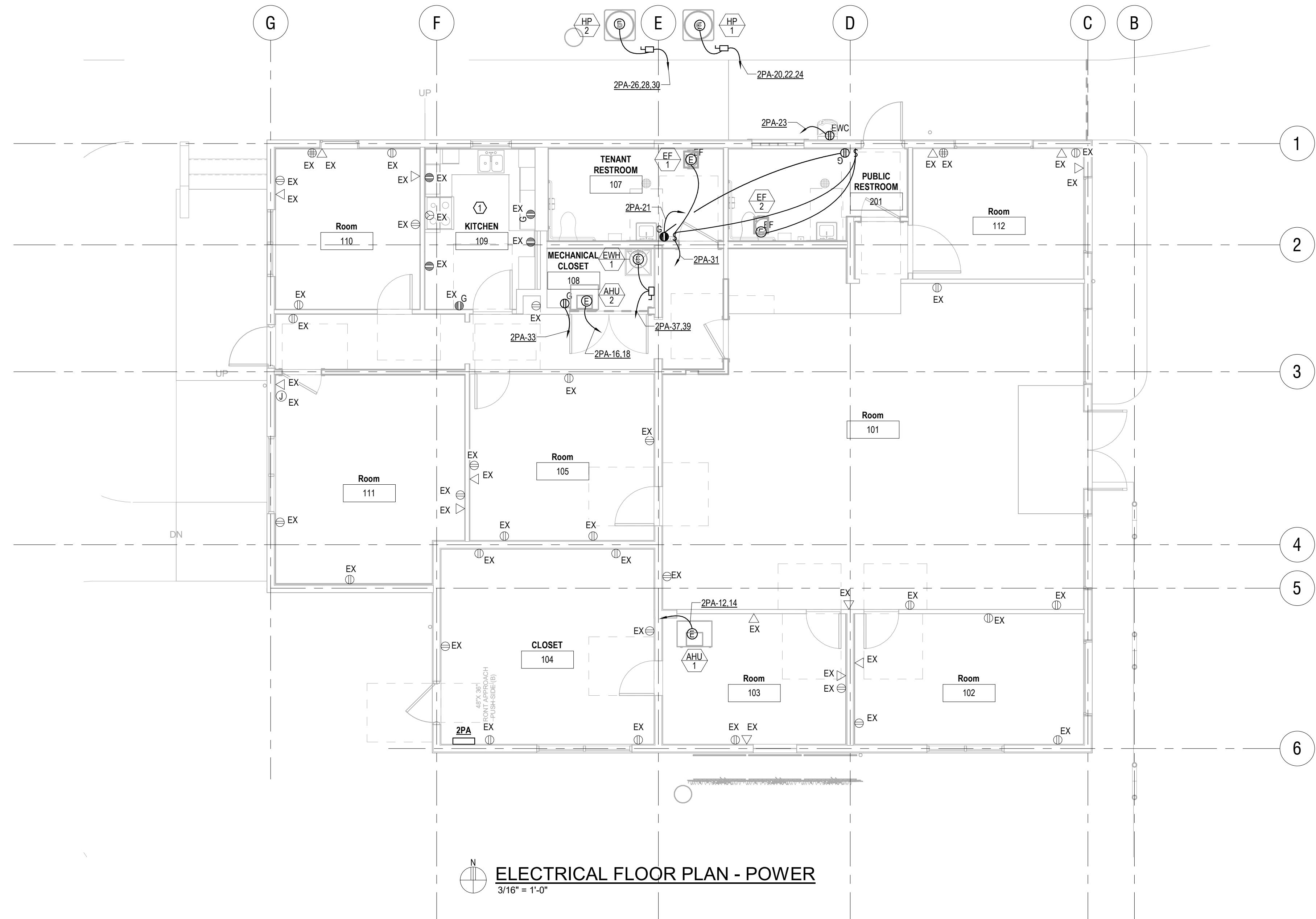
PROJECT NO: 18-050
CLIENT'S NO: 90% REVIEW
ISSUED FOR:
ISSUED DATE: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

SHEET TITLE:
ELECTRICAL FLOOR PLAN - POWER

SHEET NUMBER:

E-110



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City of Gainesville
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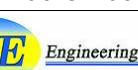
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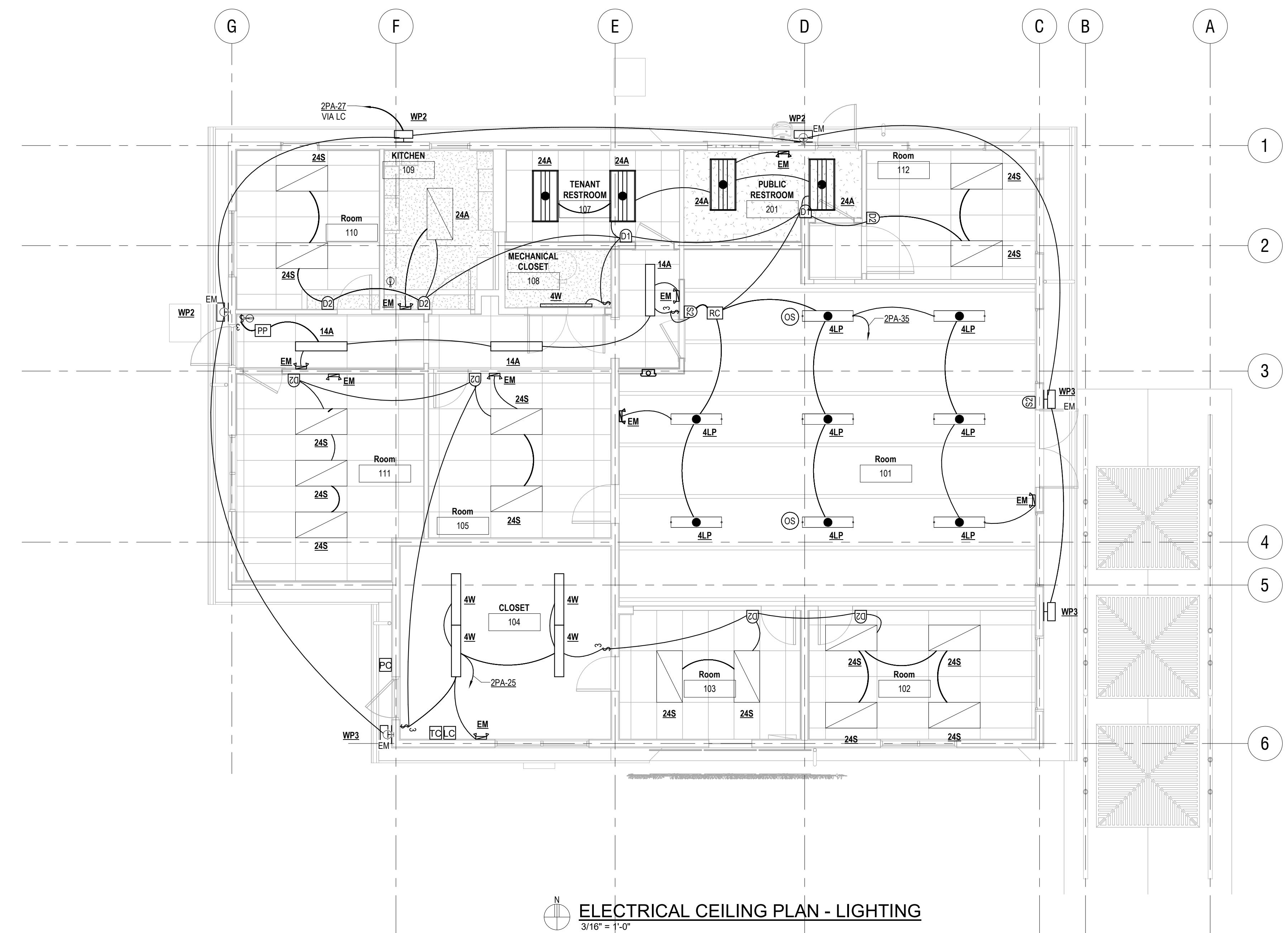


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SEAL:

NOT FOR CONSTRUCTION

N **ELECTRICAL CEILING PLAN - LIGHTING**
3/16" = 1'-0"



PROJECT NO: 18-050
CLIENT'S NO: 90% REVIEW
ISSUED FOR: 25 FEB 2019
REVISIONS:

REVISION DESCRIPTION DATE

**ELECTRICAL CEILING
PLAN - LIGHTING**

SHEET NUMBER:

E-120

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	BASIS OF DESIGN	LIGHT SOURCE	INITIAL LUMENS	COLOR TEMPERATURE	WATTAGE	VOLTAGE	MOUNTING	NOTES
4LP	4' LINEAR PENDANT	LEDALITE BOLDPLAY 78061-2-C-G-04-7-D-FINISH-A2-24	LED	1800 lm	4000 K	51 VA	120 V	PENDANT	OR EQUAL BY PEERLESS BRUNO LED SOFTSHINE. COORDINATE HEIGHT WITH ARCHITECTURAL.
4VPL	4' VAPORTIGHT LED WRAP	H.E. WILLIAMS 96-4-162840-PCFR-DRV-UNV	LED	6200 lm	4000 K	73 VA	UNV	COORDINATE W/ STRUCTURE	
4W	4' LED WRAP FIXTURE	H.E. WILLIAMS 17-4-144840-AF-120	LED	5900 lm	4000 K	53 VA	120 V	SURFACE OR SUSPEND	
14A	1x4' LENSED LED TROFFER - MEDIUM OUTPUT	H.E. WILLIAMS 50G-S14-L45/840-SAF12125-DRV-UNV	LED	4500 lm	4000 K	34 VA	120 V	RECESSED	
24A	2x4' LENSED LED TROFFER - MEDIUM OUTPUT	H.E. WILLIAMS 50G-S24-L45/840-SAF12125-DRV-UNV	LED	3644 lm	4000 K	34 VA	120 V	RECESSED	
24S	2x4' LENSED LED TROFFER - MEDIUM OUTPUT	HE WILLIAMS HET-G-S24-L45/840-A-DIM-UNV	LED	5000 lm	4000 K	51 VA	120 V	RECESSED	
B3L	EXTERIOR TYPE 3 BOLLARD	PHILLIPS GARDCO PBL-42-14L-100-WW-G2-3-120-F1-FINISH	LED	3000 lm	3000 K	0 VA	120 V	BOLLARD	
EM	EMERGENCY LIGHTING BATTERY PACK	BEGHELLI XLP-LED2-AT-HO	LED			3 VA	120 V	WALL	
P212S	POLE LIGHT - TYPE II LED - 12' POLE	GRU RENTAL LIGHT L56 ON P21 POLE	LED	5105 lm	3000 K	55 VA	208	POLE @ 12' AFG	
P512	POLE LIGHT - TYPE III LED - 12' POLE	GRU RENTAL LIGHT L55 ON P21 POLE	LED	6207 lm	3000 K	50 VA	208	POLE @ 12' AFG	
WP2	LED EXTERIOR WALL PACK	GARDCO 111L MINI 111L-16-550-NW-G2-2-120	LED	5500 lm	3000 K	29 VA	277 V		
WP3	LED EXTERIOR WALL PACK	GARDCO 111L MINI 111L-16-550-NW-G2-3-120	LED	5500 lm	3000 K	29 VA	277 V		
XEB	EDGE LIT LED EXIT SIGN	BEGHELLI OL2-SA-LGM-PLUS-AT-SQ	LED			2 VA	120 V	CEILING SURFACE	

NOTES:

1. SUBMIT ALTERNATES TO A/E FOR CONSIDERATION A MINIMUM OF 10 BUSINESS DAYS PRIOR TO BID. SUBMIT FIXTURE "CUT SHEET", INDICATING ALL INTENDED RATINGS AND OPTIONS.
2. A/E WILL REVIEW ALTERNATES TO DETERMINE IF THEY ARE FUNCTIONALLY, AESTHETICALLY, AND STRUCTURALLY EQUAL. A/E RESERVE THE RIGHT TO REJECT ANY FIXTURES WHICH ARE NOT DEEMED EQUAL TO THE BASIS OF DESIGN.
3. ALTERNATES REJECTED BY A/E SHALL NOT RESULT IN ADDITIONAL CHARGES TO THE OWNER.
4. FIXTURES HALF SHADED OR MARKED 'EM' ON THE PLANS SHALL BE PROVIDED WITH BODINE BATTERIES PROVIDING AT LEAST 700lm OUTPUT FOR AT LEAST 90 MINUTES.

ELECTRICAL EQUIPMENT SCHEDULE

MARK	EQUIPMENT DESCRIPTION	VOLTAGE (V)	PHASES	WIRES	LOAD	MEANS OF DISCONNECT	FED FROM	OCP (A)	MCA (A)	CIRCUIT INFORMATION						NOTES	
										# RUNS	PHASE	NEUTRAL	GROUND	CONDUIT	RATING	AMPACITY	
EWH	ELECTRIC WATER HEATER	208	1	3	3kW	N1 SS 30/2	2PA	20	18	1	12	12	12	1/2"	60°C	20	
EF#	EXHUST FAN	120	1	3	32W	N1 TS 20/1	2PA	20	1	1	12	12	12	1/2"	60°C	20	2
AHU-1	AIR HANDLING UNIT 1	208	1	4	40A	INTEGRAL	2PA	50	50	1	6	6	10	3/4"	60°C	55	
HP-1	HEAT PUMP 1	208	3	4	20A	N3R SS 60/3	2PA	40	25	1	10	10	10	3/4"	60°C	30	
AHU-2	AIR HANDLING UNIT 2	208	1	4	40A	INTEGRAL	2PA	60	50	1	6	6	10	1"	60°C	55	
HP-2	HEAT PUMP 2	208	3	4	13A	N3R SS 30/3	2PA	25	16	1	12	12	12	1/2"	60°C	20	

DISCONNECTING MEANS ARE ABBREVIATED AS FOLLOWS: P&C = PLUG & CORD, SS = SAFETY SWITCH, FSS = FUSED SAFETY SWITCH, CB = CIRCUIT BREAKER, TS = TOGGLE SWITCH, N3R = NEMA 3R

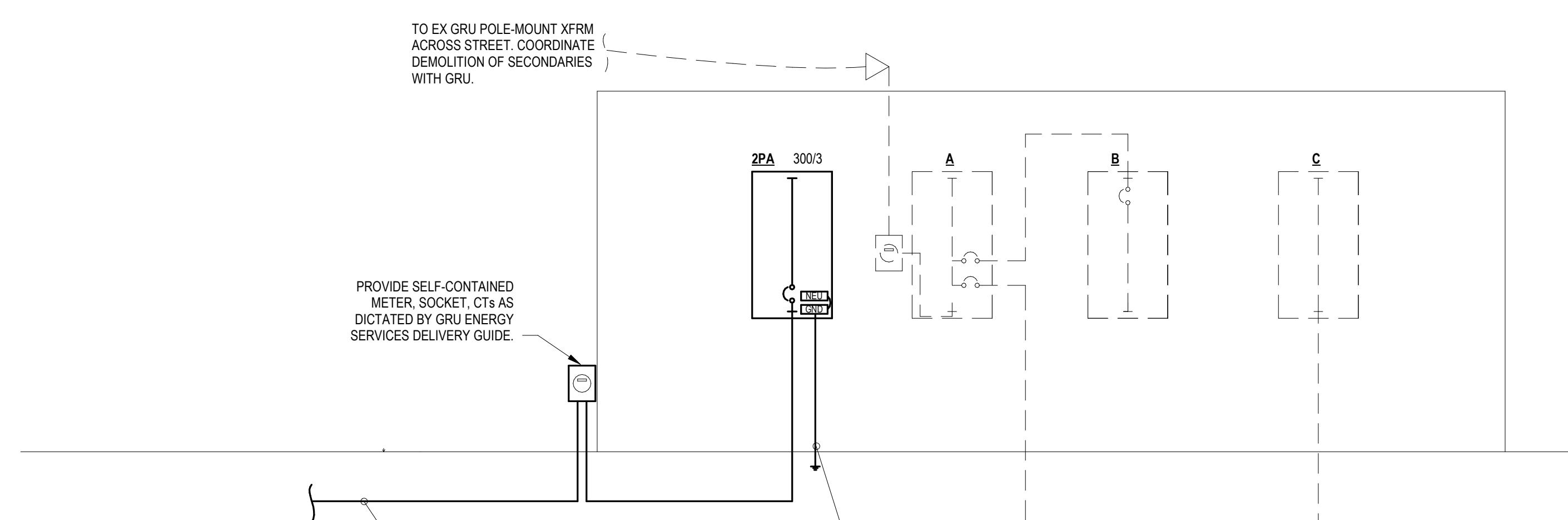
NOTES: 1. FINAL SELECTION ELECTRICAL DATA WAS NOT AVAILABLE. VALUES ARE SUBJECT TO CHANGE.
2. PROVIDE ENGRAVED FACEPLATE FOR TOGGLE SWITCH INDICATING LOAD.

NEC ELECTRICAL LOAD CALCULATION: PANEL 2PA (208Y/120V 3Φ/4W)

2014 NEC REFERENCE	LOAD DESCRIPTION	PER UNIT LOAD	UNITS	CONNECTED LOADS	ADJUSTMENT FACTOR	NEC 220 CALC LOAD	CONT. LOAD FACTOR	MINIMUM CBA/WIRE RATING	NOTES
440.33	AHU-1	8320.0 VA ea	1	8.32 kVA	1.25	10.4 kVA	1.25	13.0 kVA	2
440.33	AHU-2	8320.0 VA ea	1	8.32 kVA	1.25	10.4 kVA	1.00	10.4 kVA	
440.33	HP-1	7205.0 VA ea	1	7.205 kVA	1.25	9.006 kVA	1.00	9.006 kVA	
440.33	HP-2	4683.0 VA ea	1	4.683 kVA	1.25	5.854 kVA	1.00	5.854 kVA	3
220.14(A)	SMALL APPLIANCE	1500.0 VA ea	2	3.0 kVA	1.00	3.0 kVA	1.00	3.0 kVA	
220.14(A)	REFRIGERATOR	1200.0 VA ea	1	1.2 kVA	1.00	1.2 kVA	1.00	1.2 kVA	
220.14(A)	RANGE	9000.0 VA ea	1	9.0 kVA	1.00	9.0 kVA	1.00	9.0 kVA	
220.14(A)	ELECTRIC WATER HEATER	3000.0 VA ea	1	3.0 kVA	1.00	3.0 kVA	1.00	3.0 kVA	1
220.14(A)	EWC	1200.0 VA ea	1	1.2 kVA	1.00	1.2 kVA	1.00	1.2 kVA	
220.14(A)	EXHAUST FANS	32.0 VA ea	2	0.064 kVA	1.00	0.064 kVA	1.00	0.064 kVA	
220.14(A)	SITE POWER	506.0 VA ea	1	0.506 kVA	1.00	0.506 kVA	1.00	0.506 kVA	
220.14(A)	EXTERIOR LIGHTING	145.0 VA ea	1	0.145 kVA	1.00	0.145 kVA	1.00	0.145 kVA	
220.12	LIGHTING - OFFICE	3.5 VA/sf	2798 sf	9.793 kVA	1.00	9.793 kVA	1.25	12.241 kVA	4
220.14(l)	RECEPTACLES	180 VA ea	40	7.2 kVA	1.00	7.2 kVA	1.00	7.2 kVA	6
		TOTALS (kVA)		63.636 kVA		70.768 kVA		75.816 kVA	
		TOTALS (A)		176.64 A		196.43 A		210.44 A	5

NOTES:

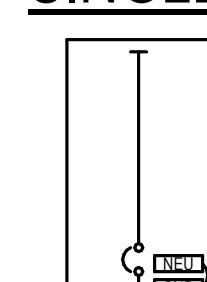
1. NEW EWH IS ALTERNATE. IF BASE BID EXISTING EWH IS SELECTED THE LOAD WILL BE LESS.
2. 125% OF LARGEST MOTOR/COMPRESSOR PER NEC 440.33.
3. 100% OF ALL MOTORS/COMPRESSORS OTHER THAN LARGEST, PER NEC 440.33.
4. OVER-CURRENT PROTECTION AND CONDUCTORS SIZED FOR 125% OF CONTINUOUS LOADS PER NEC 215.2(A).
5. PROPOSED PANELBOARD IS SUFFICIENT FOR THE LOAD. SEE PANELBOARD SCHEDULE FOR EQUIPMENT AND CONDUCTOR RATINGS.
6. 100% OF FIRST 10kVA OF LOAD, 40% OF REMAINING LOAD, PER 220.82(B).



SINGLE LINE LINETYPE LEGEND

- DEMOLISH
- EXISTING TO REMAIN
- NEW WORK

SINGLE LINE LEGEND



Branch Panel: 2PA

Location:	Supply From:	Volts: 120/208 Wye	Phase Bus Rating: 300 A
		Phases: 3	MCB Rating: 300 A
		Wires: 4	Neutral Rating: 100%
			Feeder Ampacity: 300 A
			Feeder Phase Conductor: 3/0/350
			Feeder Neutral Conductor: 14/350
			Feeder Ground Conductor: N/A
			Feeder Conduit: 3"
			Number of Parallel Runs: 1

Notes:

- (1) NEW EWH IS ALTERNATE. EX HOT WATER IS BASE-BID. SEE PLUMBING SCOPE.
- (2) REFEED EXISTING CIRCUIT FROM EXISTING PANEL B. EXISTING CIRCUIT WAS FED OVERHEAD.
- (3) REFEED EXISTING CIRCUIT FROM EXISTING PANEL C. EXISTING CIRCUIT WAS FED IN SLAB. RECONNECT ALL EXISTING DEVICES AS NEEDED.

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description</

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

MANLEY DESIGN

Landscape Architecture • Site Planning
Manley Design, LLC
224 NW 2nd Avenue, Suite E
Gainesville, Florida 32601
(352) 363-7412 www.manleydesign.net
Certificate of Authorization no. LC2600057



Skinner Vignola McLean, Inc.
1628 NW 6th Street
Gainesville, FL 32609
(352) 378-4400 www.svmarchitects.com
Certificate of Authorization no. AA3478

MG engineering

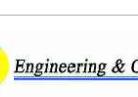
Mitchell Gulledge Engineering, Inc.
210 SW 4th Avenue
Gainesville, FL 32601
(352) 745-3991 www.mitchellgulledge.com
Certificate of Authorization no. 31501



Wayland Structural Engineering, Inc.
2801 SW 1st Street
Gainesville, FL 32608
(352) 317-4120 www.waylandstructural.com
Certificate of Authorization no. 8236

DRMP

DRMP, Inc.
7525 NW 4th Boulevard, Suite 70
Gainesville, FL 32607
(352) 371-2741 www.drm.com
Certificate of Authorization no. 2648



GSE Engineering and Consulting, Inc.
5590 SW 64th Street, Suite B
Gainesville, FL 32608
(352) 377-3233 www.gseengineering.com

SEAL:

NOT FOR CONSTRUCTION

PROJECT NO: 18-050

CLIENTS NO:

ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

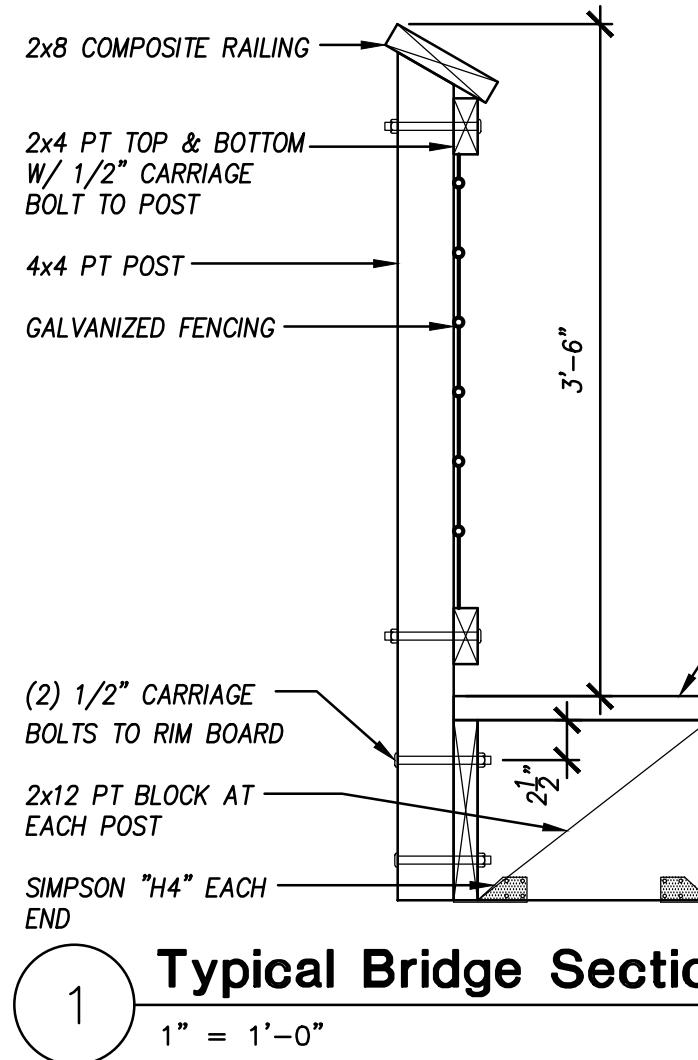
REVISIONS:

SCALE:

SHEET TITLE:
Typical Bridge Details

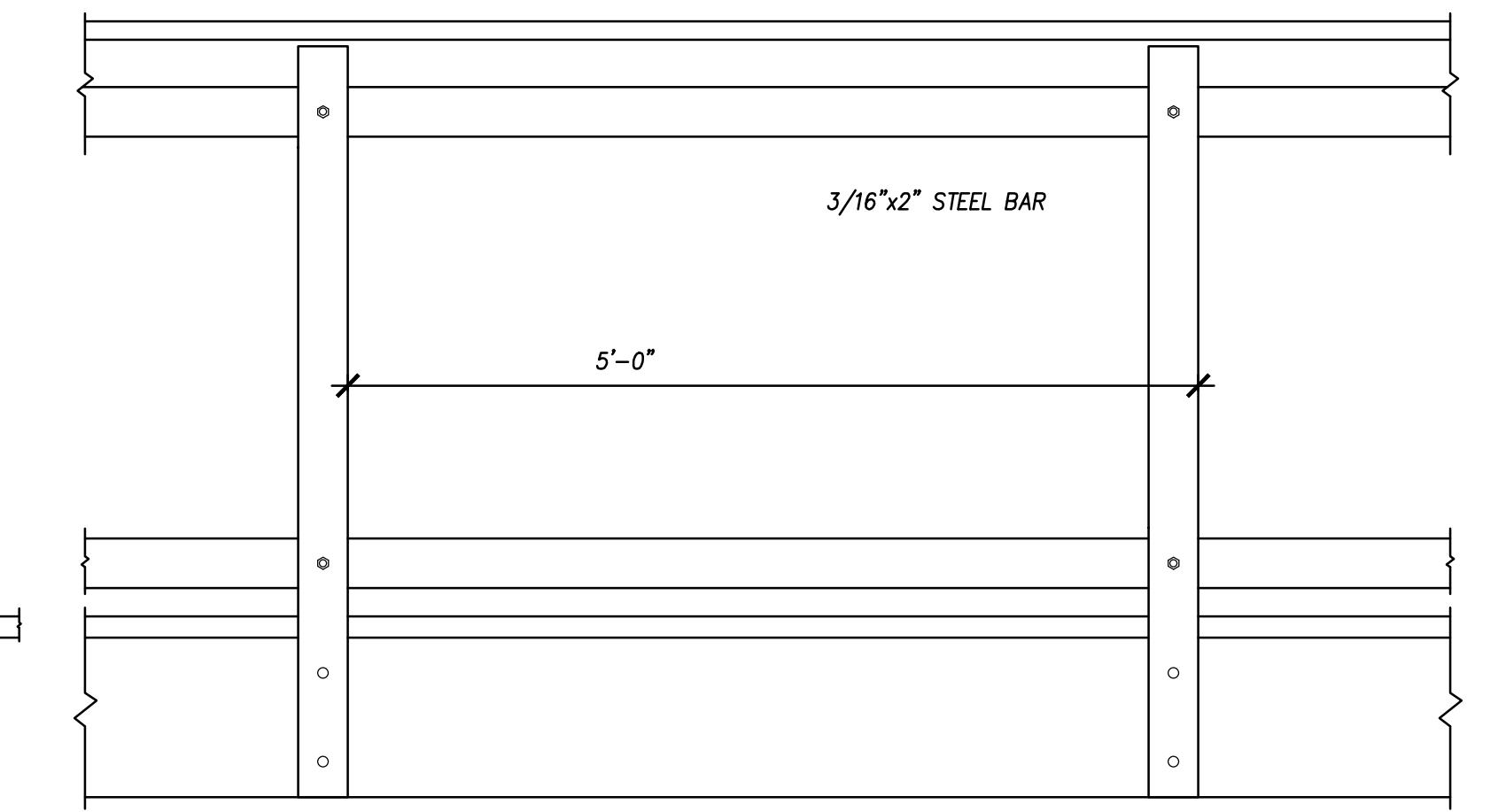
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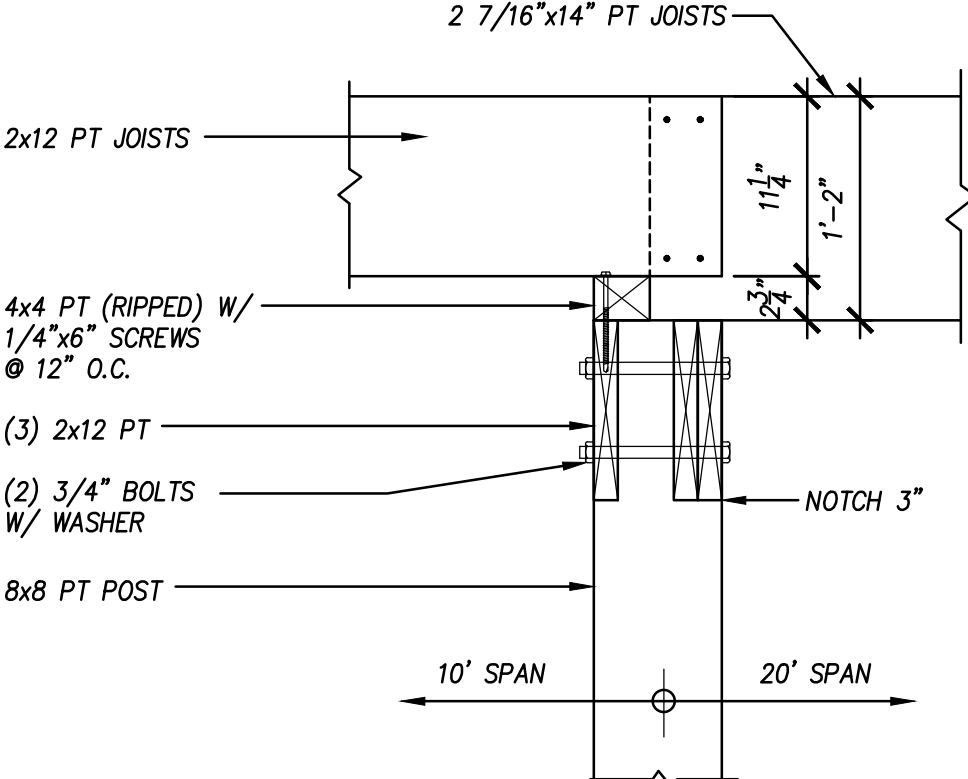
1 Typical Bridge Section

1" = 1'-0"



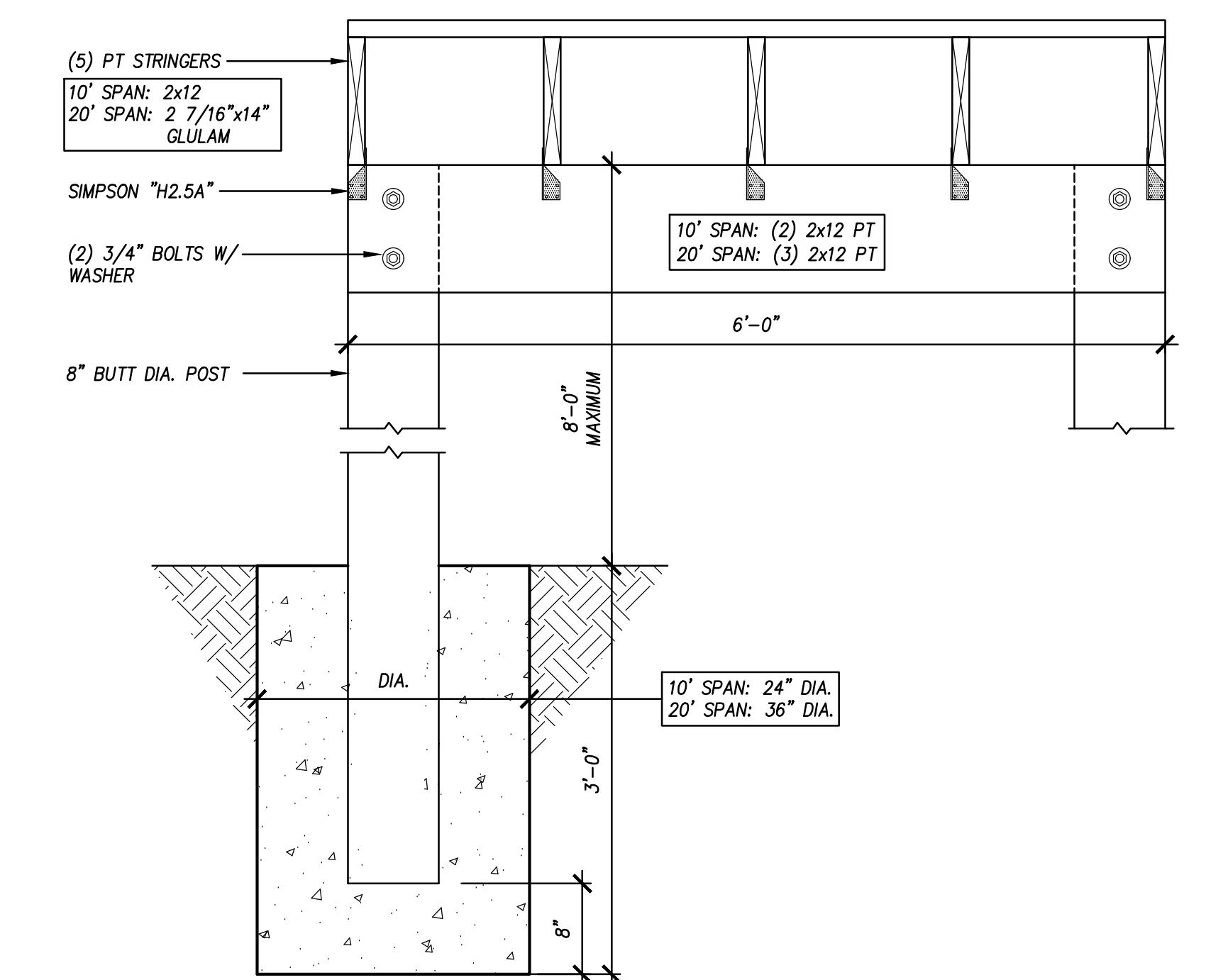
2 Typical Bridge Railing Elevation

1" = 1'-0"



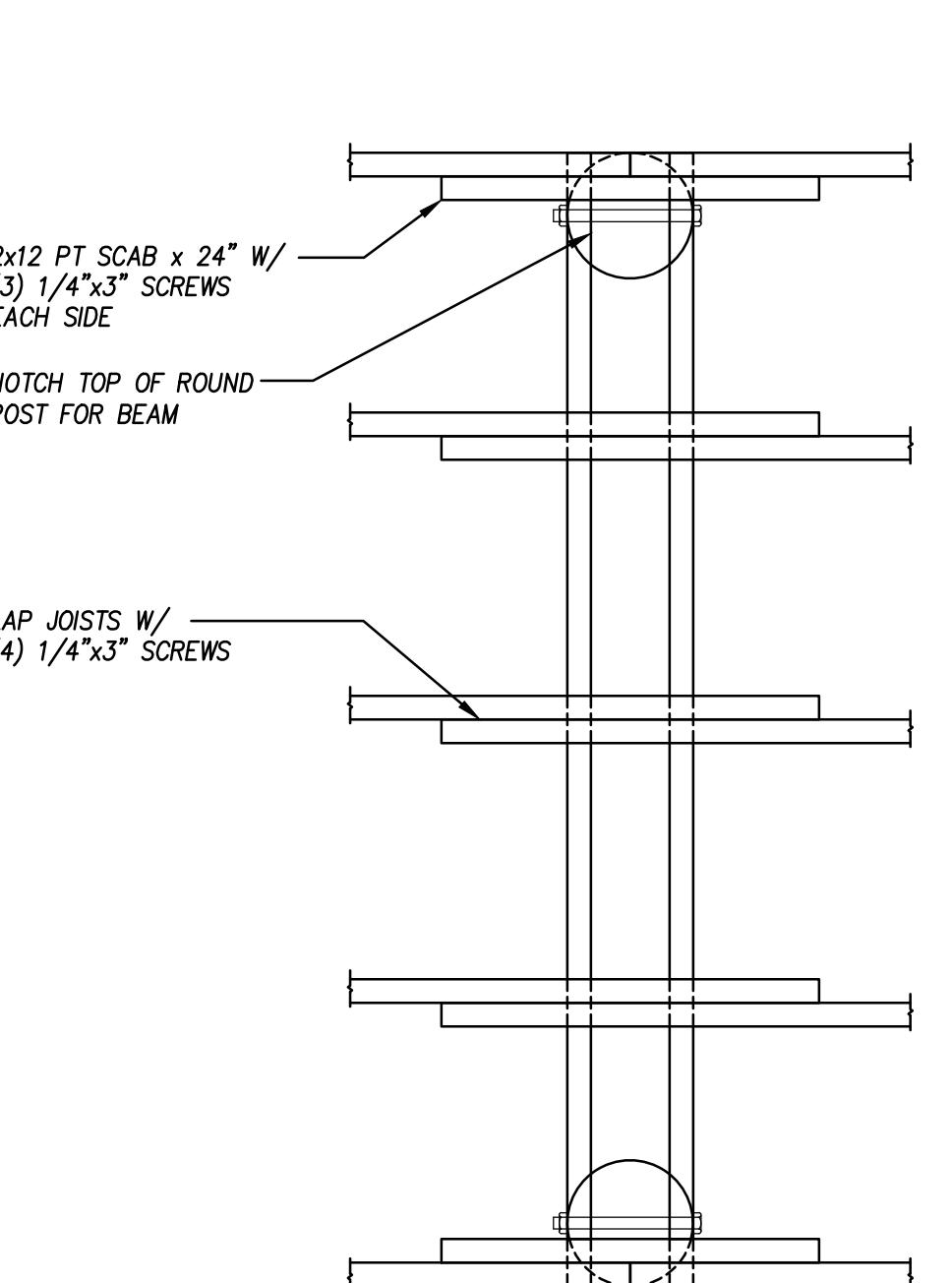
3 Typical Bridge Pier Section

1" = 1'-0"



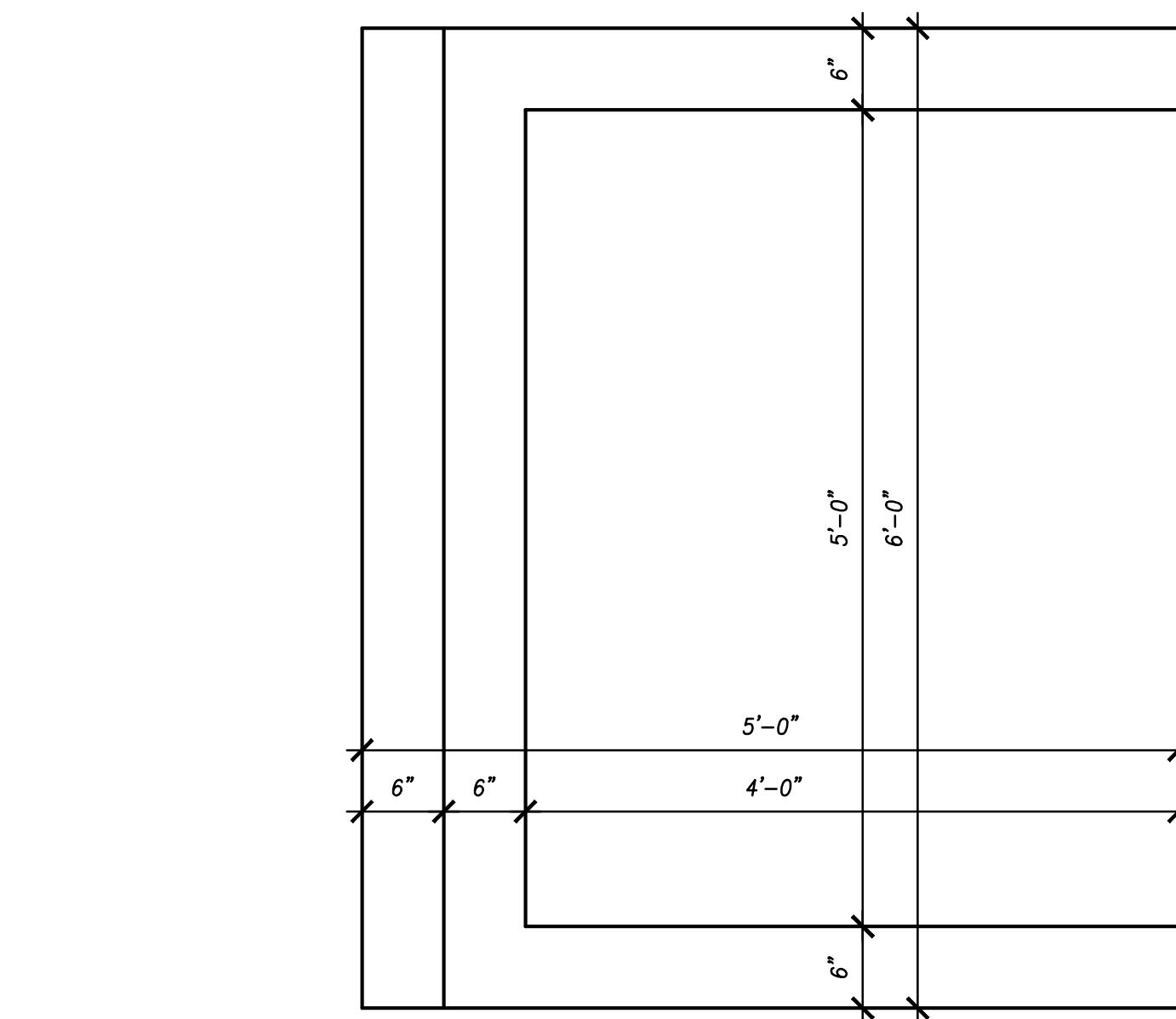
4 Typical Bridge Section

1" = 1'-0"



5 Typical Bridge Pier Plan

1" = 1'-0"



6 Typical Bridge Abutment

1" = 1'-0"

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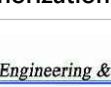
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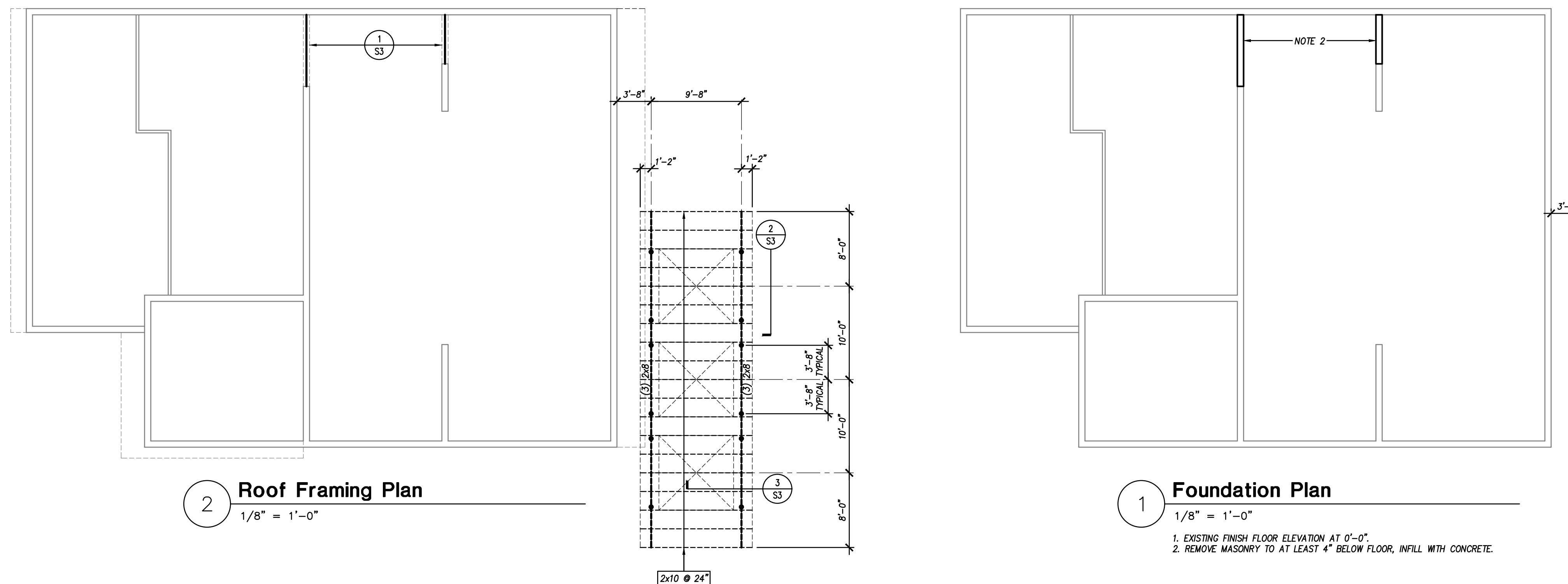


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FOOTING SCHEDULE		
MARK	SIZE	REINF.
SPREAD FOOTINGS		
F3	3'-0 x 3'-0 x 1'-4"	(4) #5 E.W.

GENERAL REQUIREMENTS

- CODE COMPLIANCE: ALL CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, 2017, AND ANY APPLICABLE LOCAL ORDINANCES AND REGULATIONS.
- STRUCTURE, SIGNING AND SEALING DRAWINGS BY WSE CERTIFIES ONLY THE STRUCTURAL SYSTEMS FOR THIS STRUCTURE AND IS NOT A CERTIFICATION OF ANY CIVIL/SITE WORK, ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS.
- CONSTRUCTION DOCUMENTS: STRUCTURAL DRAWINGS ARE PROPERTY OF WSE AND SHALL NOT BE REPRODUCED, REUSED OR ALTERED UNLESS SPECIFICALLY ALLOWED BY WSE.

CONSTRUCTION RESPONSIBILITY: WSE HAS NO LIABILITY FOR THE STRUCTURAL SYSTEMS FOR THIS STRUCTURE AND IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION. THESE TECHNICAL SEQUENCES, INCLUDING TEMPORARY SHORING AND/OR BRACING, CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND COMPLIANCE WITH APPLICABLE OSHA REGULATIONS.

CONTRACT DOCUMENTS: STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH SPECIFICATIONS AND DRAWINGS BY OTHER DISCIPLINES. MATERIAL SPECIFICATIONS SHOWN IN THESE DRAWINGS ARE SUMMARIES ONLY. FOR COMPLETE DESCRIPTION OF MATERIAL AND EXECUTION REFER TO SEPARATE WRITTEN SPECIFICATION MANUAL.

EXISTING CONDITIONS: EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS ARE TO BE CONSIDERED APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR THROUGH FIELD SURVEYS AND MEASUREMENTS PRIOR TO BEGINNING CONSTRUCTION OR FABRICATION.

SUBMITTALS: REFER TO INDIVIDUAL SPECIFICATION SECTIONS FOR ITEMS REQUIRING SUBMITTAL AND REVIEW BY ARCHITECT AND/OR ENGINEER.

TESTING AND INSPECTION: REFER TO INDIVIDUAL SPECIFICATION SECTIONS FOR ITEMS REQUIRING TESTING AND INSPECTION. CONTRACTOR SHALL COMPLY WITH AND ACCOMMODATE LOCAL TESTING AND INSPECTION REQUIREMENTS.

EXTERIOR DOORS, WINDOWS, SKYLIGHTS

CODE COMPLIANCE: COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 14, 17 AND 24.

DESIGN RESPONSIBILITY: WSE IS NOT RESPONSIBLE FOR DESIGN, CONSTRUCTION OR PERFORMANCE OF WINDOW, DOOR OR SKYLIGHT UNITS. THIS SHALL BE THE RESPONSIBILITY OF THE MANUFACTURER.

DESIGN WIND PRESSURE: THE BUILDING IS DESIGNED AS A FULLY ENCLOSED STRUCTURE. THEREFORE, WINDOWS, DOORS AND SKYLIGHTS SHALL BE DESIGNED TO RESIST COMPONENT AND CLADDING WIND PRESSURES SHOWN IN STRUCTURAL LOADS.

CERTIFICATION: CONTRACTOR SHALL OBTAIN CERTIFICATION FROM WINDOW, DOOR OR SKYLIGHT MANUFACTURER INDICATING THAT EACH UNIT IS CAPABLE OF RESISTING SPECIFIED DESIGN WIND PRESSURES.

FASTENING: CONTRACTOR SHALL OBTAIN FASTENING INFORMATION OR DIAGRAMS FROM MANUFACTURER INDICATING FASTENER TYPE, SIZE AND SPACING FOR EACH TYPE OF WINDOW, DOOR AND SKYLIGHT UNIT.

STRUCTURAL LOADS

CODE COMPLIANCE: STRUCTURAL SYSTEMS FOR THIS PROJECT HAVE BEEN DESIGNED TO SUPPORT VERTICAL AND LATERAL LOADS AS SPECIFIED IN FLORIDA BUILDING CODE, 2017, CHAPTER 16 AND ASCE 7-10 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."

DEAD LOADS

ITEM	TOP CHORD (PSF)	BOTTOM CHORD (PSF)	TOTAL (PSF)
CANOPY ROOF		20	
BRIDGE FLOOR		10	

FLOOR LIVE LOADS (FBC 1607.1) LIVE LOAD REDUCTION MAY BE CONSIDERED

A. PUBLIC CORRIDORS & STAIRS, BRIDGE 100 PSF

4. ROOF LIVE LOADS (FBC 1607.12) A. ROOF SLOPE FLAT LESS THAN 4:12 20 PSF

5. WIND LOADS (FBC 1609) D. ULTIMATE DESIGN WIND SPEED: 130 MPH

E. NOMINAL WIND SPEED: 101 MPH

F. BUILDING RISK CATEGORY: I

G. WIND LOAD DENSITY: B

H. INTERNAL PRESSURE COEFFICIENTS: -0.18/-0.18

I. ENCLOSURE CLASSIFICATION: FULLY ENCLOSED

J. COMPONENT & CLADDING DESIGN WIND PRESSURES:

WIND SPEED	COMPONENT AREA (SF)	INWARD PRESSURE (PSF)	OUTWARD PRESSURE (PSF)
10 MPH	+18.2	-24.4	-2.9
20	+17.5	-23.9	-2.9
50	+16.2	-20.5	-2.5
100	+15.4	-19.0	-2.0
200	+14.8	-17.5	-1.5
>500	+13.6	-15.1	-1.0

02300 EARTHWORK
1. GEOTECHNICAL REPORT: SOIL BORINGS AND A GEOTECHNICAL REPORT HAVE BEEN PREPARED FOR THIS SITE BY:
GSE ENGINEERING & CONSULTING INC
5590 SW 6th STREET, SUITE 100
JOHN P. NORRIS, P.E. #42881
DATED: JANUARY 4, 2019

CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT FROM THE PREVIOUS OWNER. CONDITIONS OUTLINED IN THE REPORT SHALL BE CONSIDERED PART OF THE CONTRACT FOR WORK FOR THIS PROJECT AND SHALL BE FOLLOWED EXACTLY. SPECIFICATIONS OUTLINED BELOW APPLY TO THE BUILDING ADDITION AND BRIDGE ONLY AND ARE SUMMARIES OF RECOMMENDATIONS IN GEOTECHNICAL REPORT. FOR EARTHWORK IN OTHER LOCATIONS, REFER TO SITE/CIVIL CONTRACT DOCUMENTS.

2. CONTRACT DOCUMENTS: STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH SPECIFICATIONS AND DRAWINGS BY OTHER DISCIPLINES. MATERIAL SPECIFICATIONS SHOWN IN THESE DRAWINGS ARE SUMMARIES ONLY. FOR COMPLETE DESCRIPTION OF MATERIAL AND EXECUTION REFER TO SEPARATE WRITTEN SPECIFICATION MANUAL.

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7. SUBMITTALS: REFER TO INDIVIDUAL SPECIFICATION SECTIONS FOR ITEMS REQUIRING SUBMITTAL AND REVIEW BY ARCHITECT AND/OR ENGINEER.

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100	+15.4	-19.0	-2.0
200	+14.8	-17.5	-1.5
>500	+13.6	-15.1	-1.0

03300 STRUCTURAL CONCRETE
1. GENERAL: ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 19, AND THE CURRENTLY ADOPTED EDITION OF THE FOLLOWING ACI STANDARDS:

ACI 211.1 "SELECTING MIX PROPORTIONS"
ACI 301 "SPECIFICATION FOR STRUCTURAL CONCRETE"
ACI 304 "MEASUREMENTS FOR TRANSPORTING, PLACING"
ACI 305 "COLD WEATHER CONCRETE"
ACI 315 "REINFORCING CONCRETE"
ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"

2. CONCRETE MIXES: ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT (140-150 PCF) UNLESS OTHERWISE NOTED. PROVIDE MIXES DESIGN TO MEET THE FOLLOWING CRITERIA FOR VARIOUS ELEMENTS IN THE STRUCTURE:

ELEMENT	MINIMUM CEMENT/CEMENT CONTENT (LB/CU. YD)	MAX. W/C RATIO	28 DAY COMPRESSIVE STRENGTH (PSI)	MAXIMUM AGGREGATE SIZE (INCHES)
SPREAD FOOTINGS,	470	0.60	3,000	1 1/2"
PIERS BELOW GRADE	520	0.50	3,000	1"

3. FOOTING BEARING: FOOTINGS ARE TO BEAR ON SUITABLE EXISTING SOIL OR PREPARED STRUCTURAL FLOOR. SHAFT BEAR BEARING SHALL BE 10-11 FT DEPTH, UNDERPIN, 2-3 FT. ALLOWABLE DESIGN BEARING CAPACITY IS ASSUMED TO BE 20,000 PSF.

4. BEARING SOIL: BASED ON BOR

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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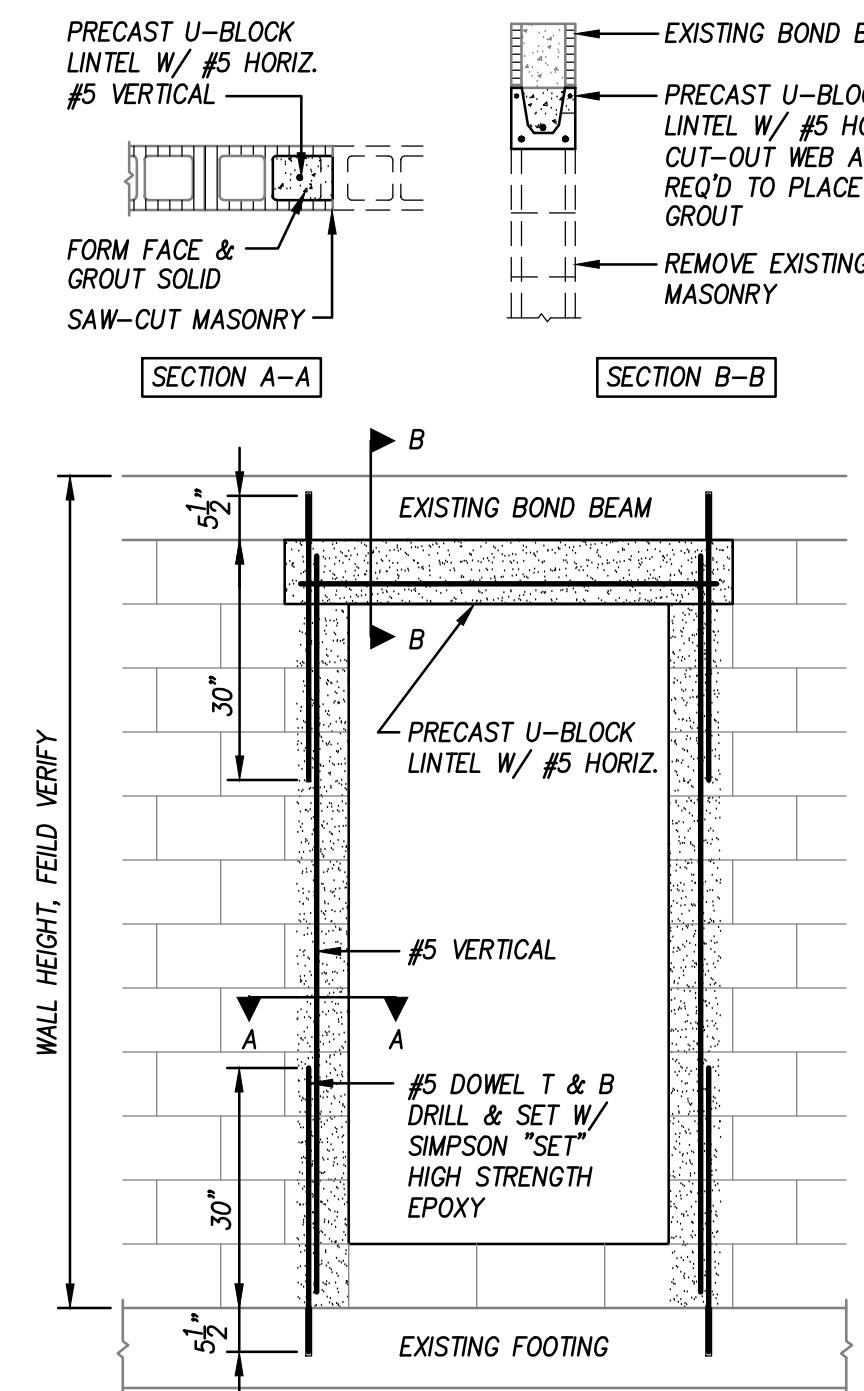
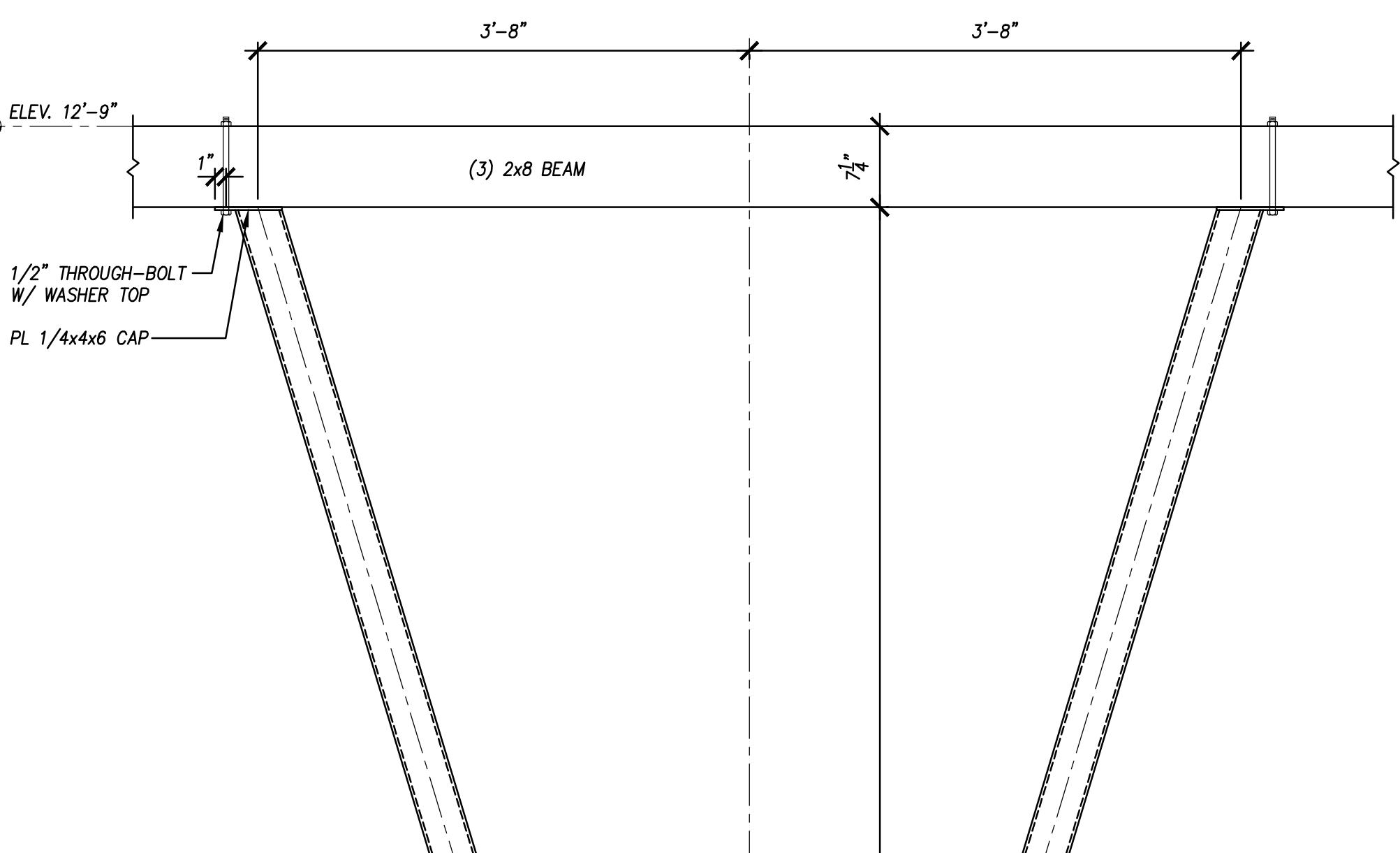
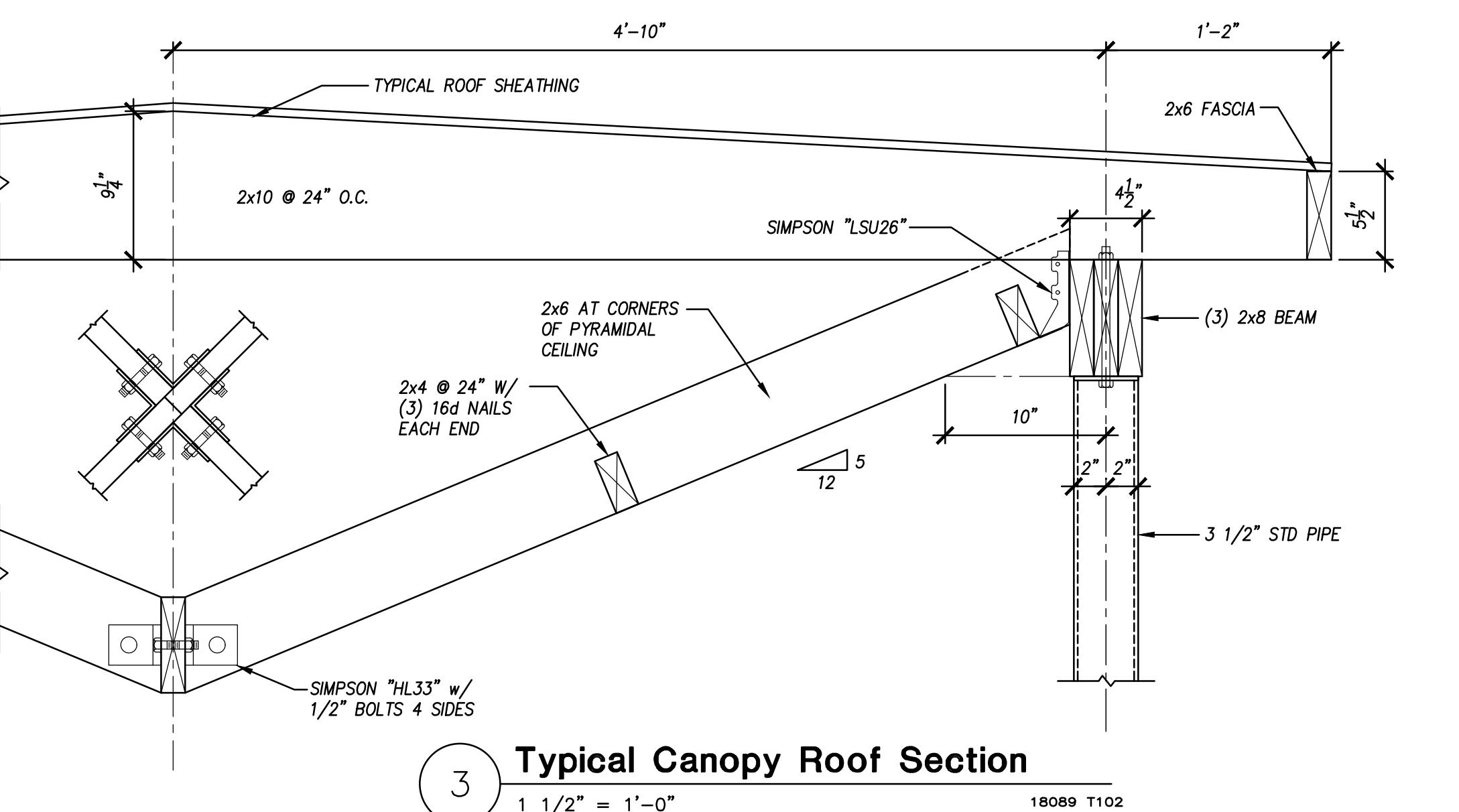
ISSUED DATE: 25 FEB 2019
REVISIONS:

SCALE:

SHEET TITLE:
Typical Building Details

SHEET NUMBER:
S3

FILENAME: C:\PROJECTS\18089 GIRL SCOUT\18089 SSDWG
PLOTDATE: 02/21/2019 10:11 PM USEP: WAYLANDS



SHEET NUMBER:
S3