

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP



CITY OF GAINESVILLE
WILD SPACES & PUBLIC PLACES

PO Box 490, Station 24
Gainesville, FL 32627-0490
(352) 393-8187
Director: Ms. Betsy Waite, PE

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.svmarchitects.com
Certificate of Authorization no. AA3478



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



Wayland Structural Engineering, Inc.
2801 SW 81st Street
Gainesville, FL 32608
(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.drmp.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:

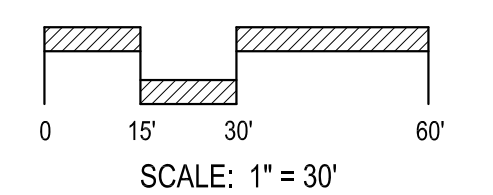
NOT FOR CONSTRUCTION

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

ISSUED DATE: 25 FEB 2019

REVISIONS:

SCALE:



SHEET TITLE:

COVER

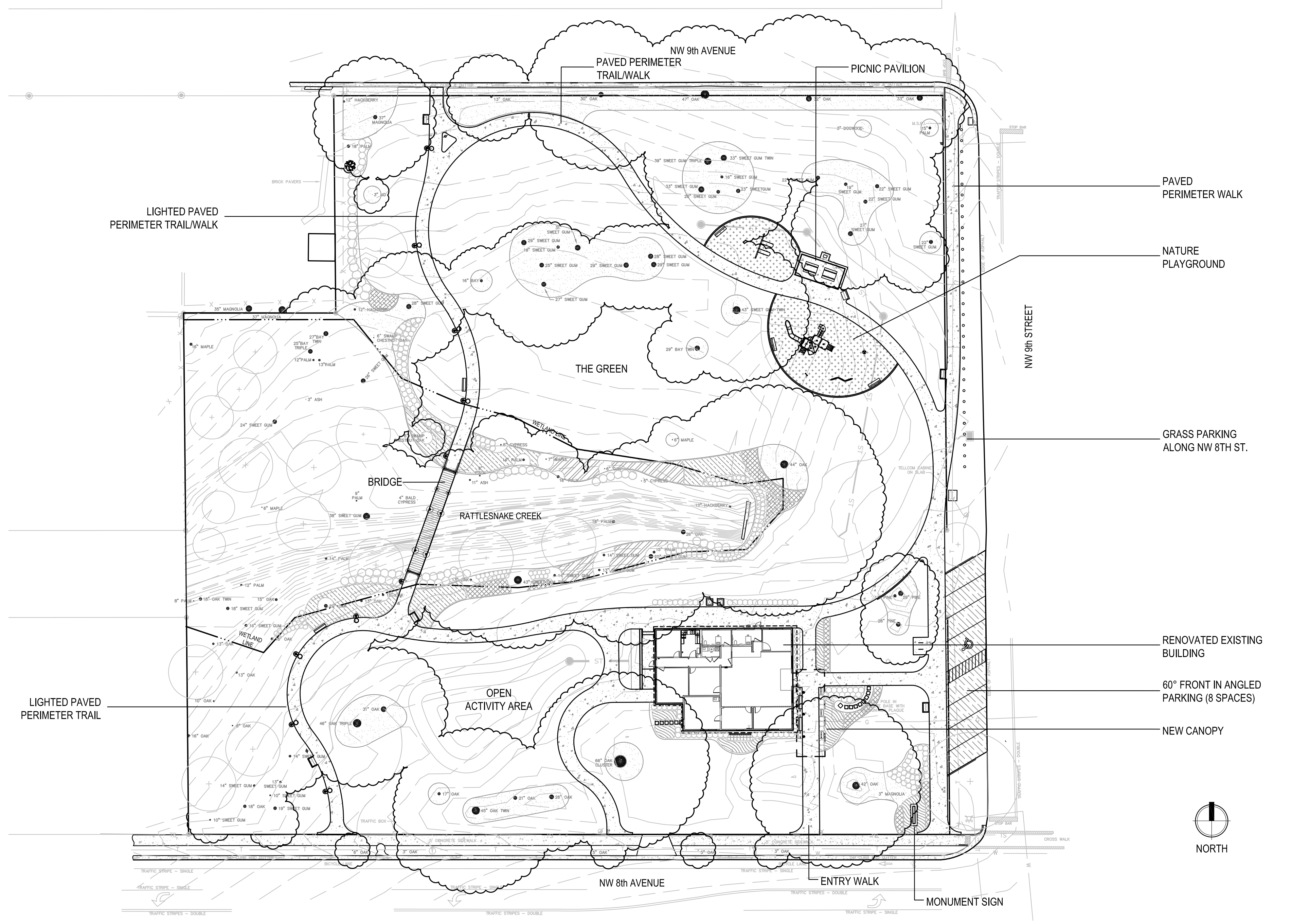
SHEET NUMBER:

L-001

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S2	BUILDING AND CANOPY
S3	TYPICAL BUILDING DETAILS

GENERAL SCOPE OF WORK
Renovations and proposed improvements to the existing Kiwanis Girl Scout Park site and building



1 OVERALL SITE PLAN
SCALE: 1" = 30'

PLOTTED: 02/25/2019 5:34 PM USER: ELISABETH MANLEY FILENAME: C:\USERS\ELISABETH MANLEY\BOX\PROJECT\2018\18-050 KIWANIS GIRL SCOUT PARK CDS - WSPP\04_PRODUCTION\04_CDS\2019-02-22-90%_01_SHEETS\05SP_SITE_COVER.DWG

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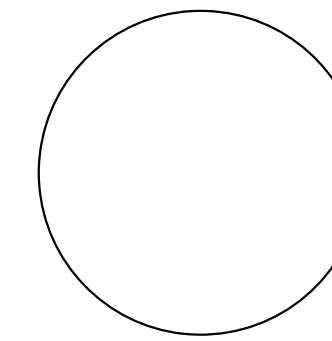
SCALE:
N / A

SHEET TITLE:
SIGNATURE SHEET

SHEET NUMBER:
L-002

NOT FOR CONSTRUCTION

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



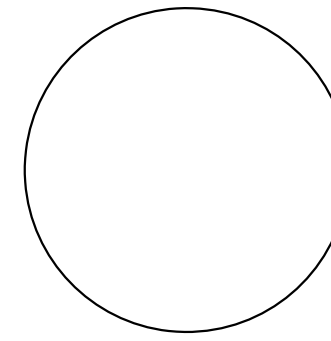
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SKINNER VIGNOLA McLEAN, INC.
1628 NW 6th STREET
GAINESVILLE, FL 32609
CERTIFICATE OF AUTHORIZATION NO. AA3478
HOWARD J. McLEAN, JR., AIA NO. AR0014129

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

SHEET NO.	SHEET DESCRIPTION
L-002	SIGNATURE SHEET
LS1.0	LIFE SAFETY PLAN
D1.0	DEMOLITION FLOOR PLAN
A1.0	PROPOSED FLOOR PLAN
A1.1	PROPOSED PLAN - DIMENSIONS
A1.2	PROPOSED PLAN - FINISHES
A1.3	PROPOSED PLAN - REFLECTED CEILING PLAN
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A7.0	PROPOSED - DETAIL

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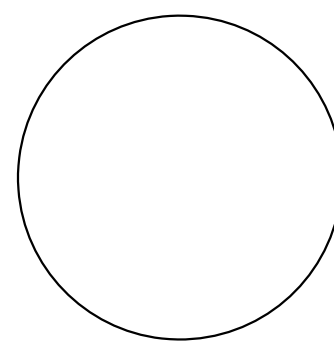
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DEGROVE SURVYORS, INC.
605 NW 53rd AVENUE, SUITE A11a
GAINESVILLE, FL 32209
CERTIFICATE OF AUTHORIZATION NO. XXXXXX
THOMAS P. TRACZ, P.S.M. NO. 6039

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

SHEET NO.	SHEET DESCRIPTION
L-002	SIGNATURE SHEET
SURVEY 1 of 2	PROJECT SURVEY
SURVEY 2 of 2	PROJECT SURVEY

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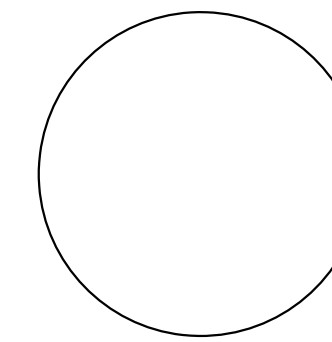
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MANLEY DESIGN, LLC
224 NW 2nd AVENUE, SUITE E
GAINESVILLE, FL 32601
CERTIFICATE OF AUTHORIZATION NO. 26000575
C. ELISABETH MANLEY, PLA NO. 6666722

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

SHEET NO.	SHEET DESCRIPTION
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L-002	SIGNATURE SHEET
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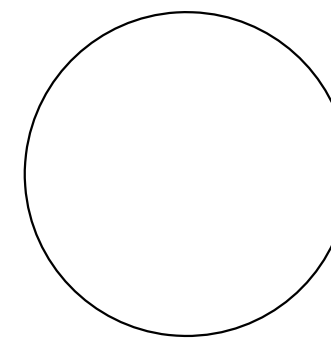
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DRMP, INC.
7525 NW 4th BOULEVARD, SUITE 70
GAINESVILLE, FL 32607
CERTIFICATE OF AUTHORIZATION NO. 2648
DAVID SOWELL, P.E., CIVIL ENGINEER NO. 68531

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

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

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY



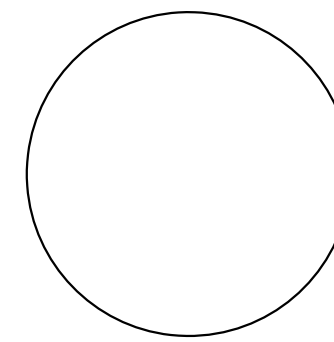
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WSE WAYLAND STRUCTURAL ENGINEERING, INC.
2801 SW 81st STREET
GAINESVILLE, FL 32608
CERTIFICATE OF AUTHORIZATION NO. 8236
GREG WAYLAND, P.E. NO. 54396

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

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

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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.

SHEET NO.	SHEET DESCRIPTION
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MAP SHOWING BOUNDARY & TOPOGRAPHIC SURVEY OF

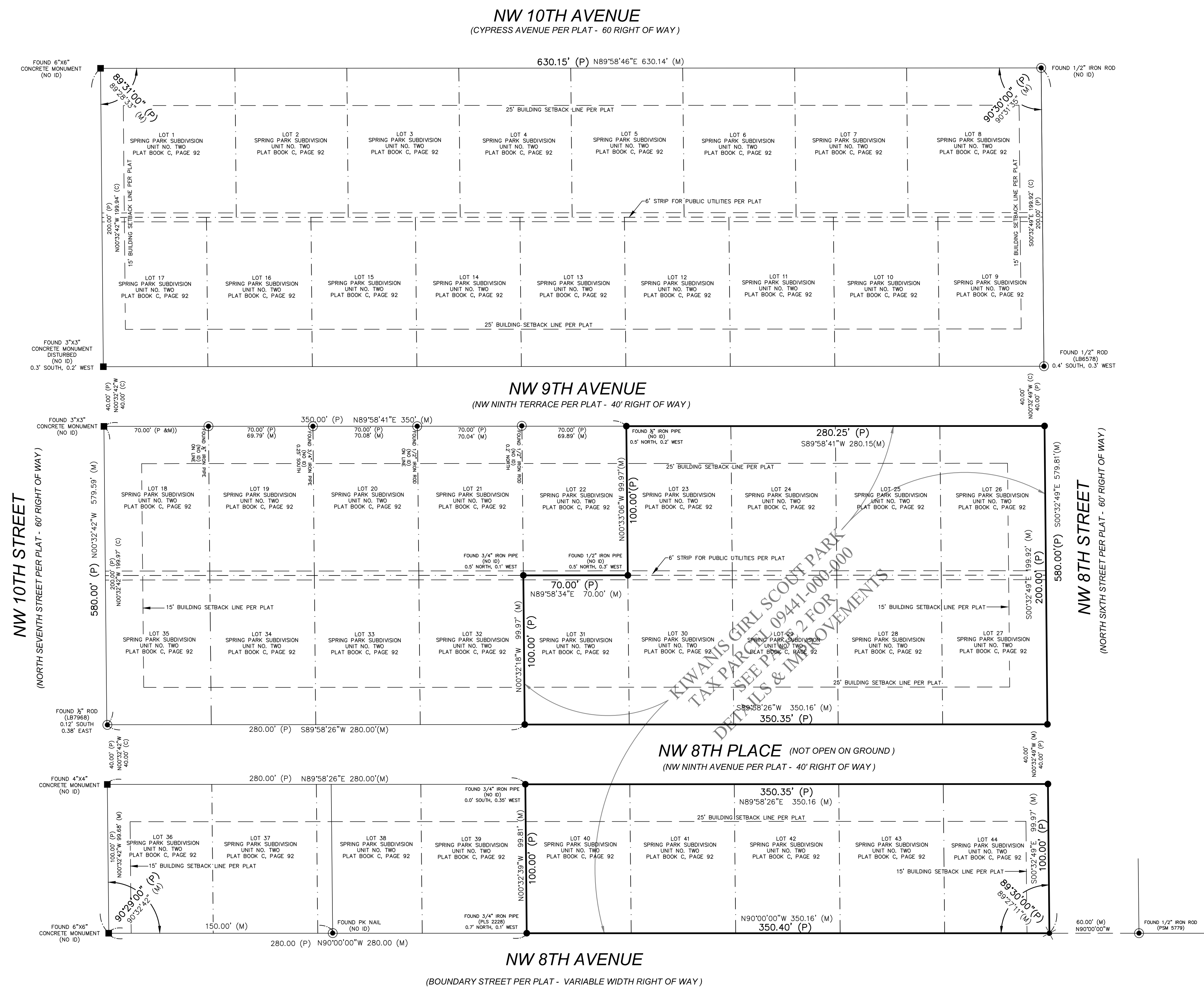
LOTS 23 THROUGH 31 & LOTS 40 THROUGH 44 - SPRING PARK SUBDIVISION UNIT NO: TWO
AS RECORDED IN PLAT BOOK C, PAGE 92, ALACHUA COUNTY, FLORIDA

LOCATION MAP



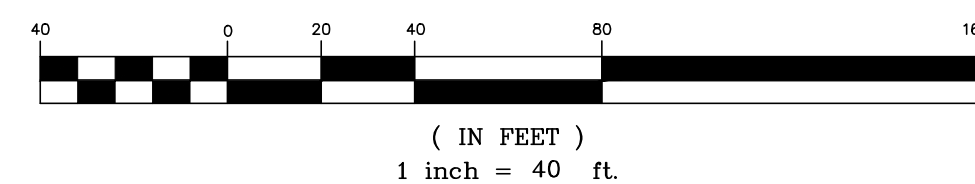
SURVEYOR'S NOTES

- 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 AMERICANSOCIETY 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.



- DENOTES FOUND CONCRETE MONUMENT AS DESCRIBED
- DENOTES FOUND CORNER AS DESCRIBED
- DENOTES SET 7/2" 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
- ⊙ DENOTES WATER METER
- DENOTES TREE AS DESCRIBED
- DENOTES MULTI-TRUNKED ORNAMENTAL TREE AS DESCRIBED
- DENOTES LANDSCAPE SHRUB OR SHRUBS
- ⊙ DENOTES GUY ANCHOR
- (170.0)⊙ DENOTES ELEVATION AT "X"
- (172.41)⊙ DENOTES ELEVATION AT END OF LEADER
- (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

GRAPHIC SCALE



- X — X — X — DENOTES FENCE AS DESCRIBED
- ~~~~~ DENOTES APPROXIMATE LIMITS OF LANDSCAPING
- OHU DENOTES OVERHEAD UTILITY LINES
- T DENOTES UNDERGROUND TELEPHONE
- TS DENOTES UNDERGROUND TRAFFIC SIGNAL
- W DENOTES UNDERGROUND WATER
- G DENOTES GAS
- DENOTES CONCRETE
- DENOTES DETECTABLE WARNING SURFACE

SURVEY DATE: 02/27/2017	DRAWING DATE: 02/27/2017	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 SJ-17.051 & SJ-17.052 F.A.C.	CERTIFIED TO: CITY OF GAINESVILLE every path starts with passion FLORIDA
FIELD BOOK 0166, PAGE(S) 13-30	DRAWING SCALE: 1" = 20'			THOMAS P. TRACZ, P.S.M., FLORIDA CERTIFICATION NO. 6039	
DRAFTED BY: TPT/RLT	REVISION DATE:			NOTICE: NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER	
CHECKED BY: GRN					
DWG FILE: 2017307_KIWANIS PARK.DWG					
JOB FILE No. 2017307					

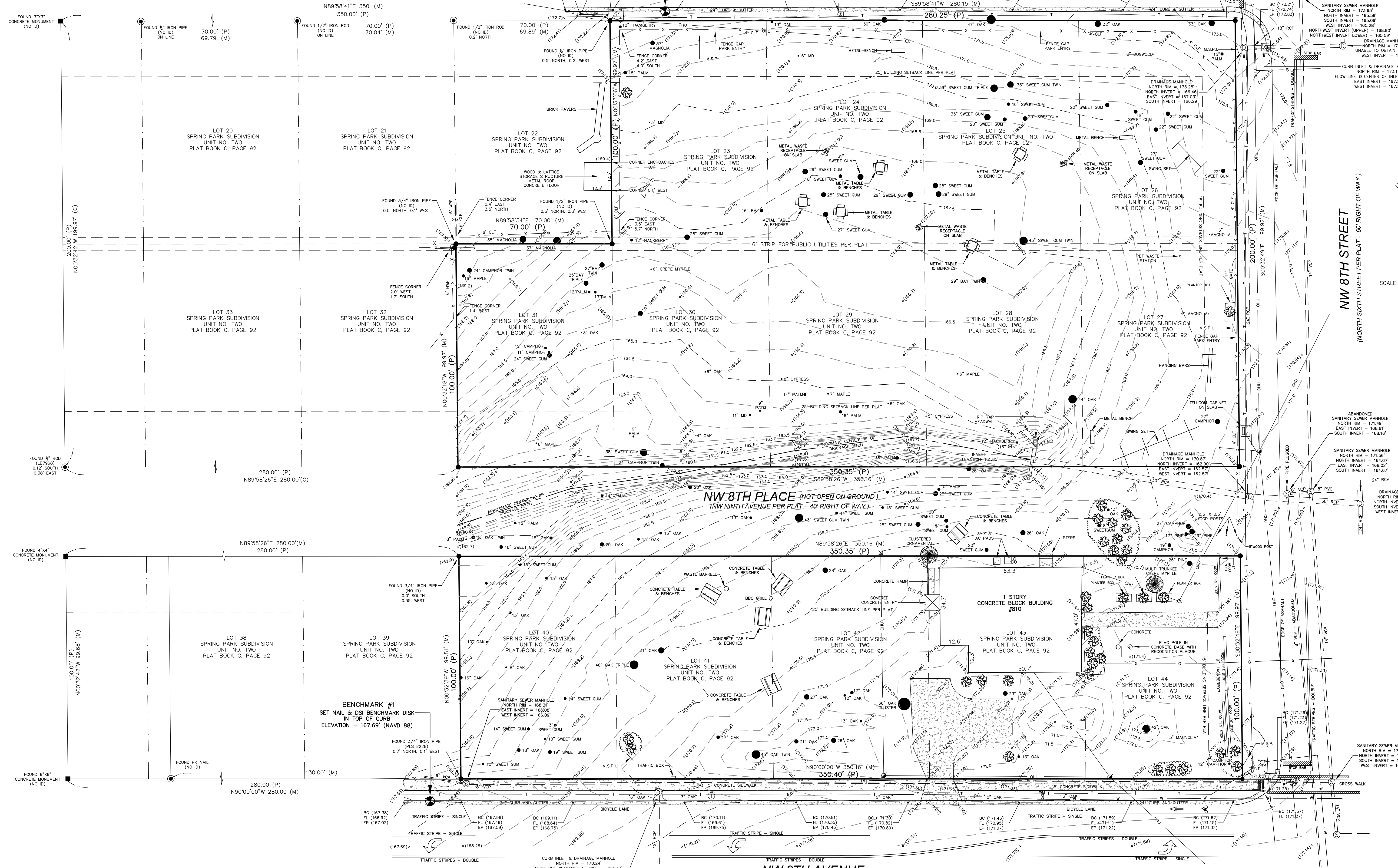
NW 10TH STREET
(NORTH SEVENTH STREET PER PLAT - 60' RIGHT OF WAY)

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

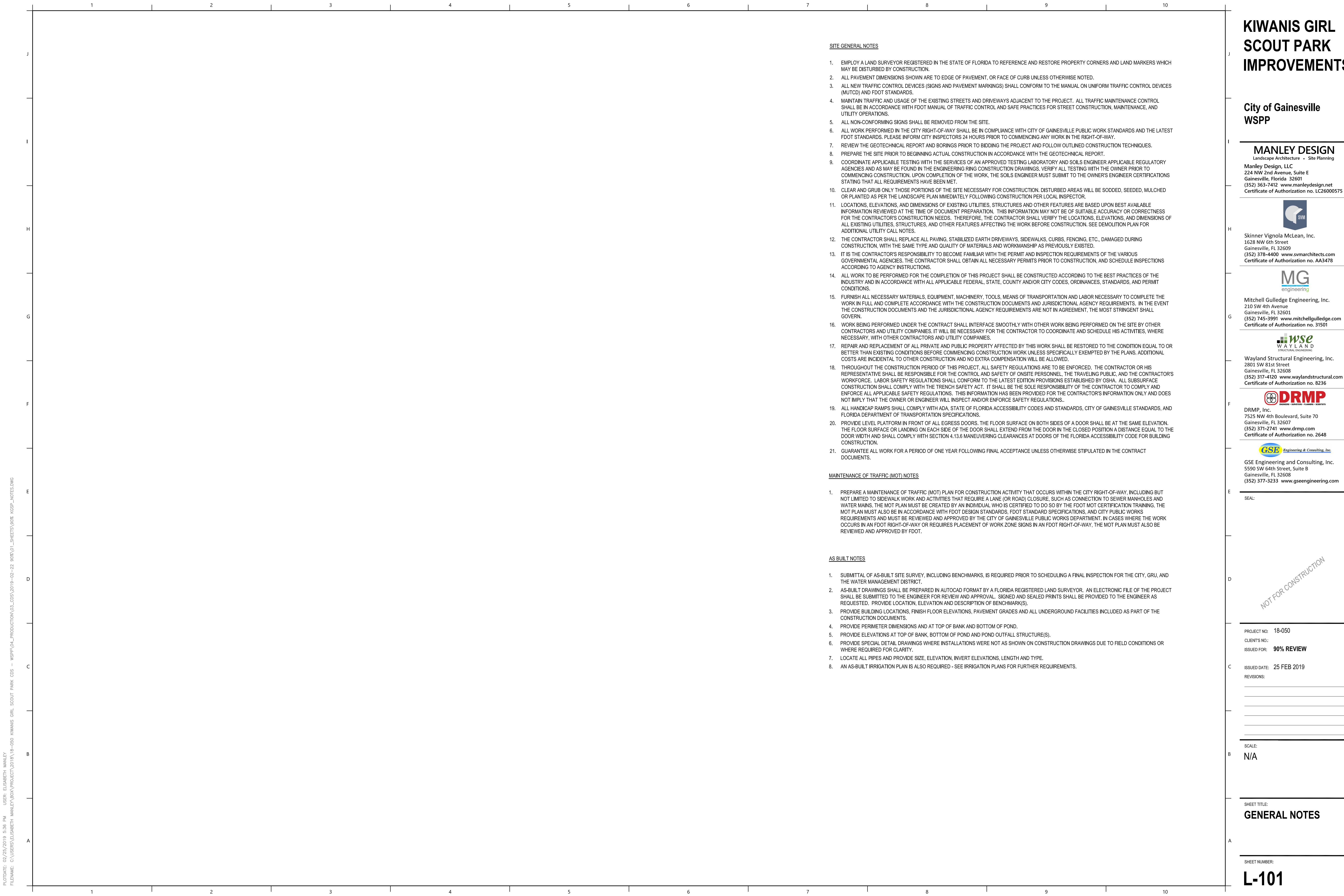
NW 9TH AVENUE (NW NINTH TERRACE PER PLAT - 40' RIGHT OF WAY)

NW 8TH PLACE (NOT OPEN ON GROUND)
(NW NINTH AVENUE PER PLAT - 40' RIGHT OF WAY)

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



SCALE: 1" = 20'



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N/A

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
L-101

SITE GENERAL NOTES

1. 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.
2. ALL PAVEMENT DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT, OR FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL NEW TRAFFIC CONTROL DEVICES (SIGNS AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FDOT STANDARDS.
4. 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.
5. ALL NON-CONFORMING SIGNS SHALL BE REMOVED FROM THE SITE.
6. 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.
7. REVIEW THE GEOTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED CONSTRUCTION TECHNIQUES.
8. PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
9. 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.
10. CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SODDER, SEEDED, MULCHED OR PLANTED AS PER THE LANDSCAPE PLAN IMMEDIATELY FOLLOWING CONSTRUCTION PER LOCAL INSPECTOR.
11. LOCATIONS, 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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 ONSITE 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.
19. ALL HANDICAP RAMPS SHALL COMPLY WITH ADA, STATE OF FLORIDA ACCESSIBILITY CODES AND STANDARDS, CITY OF GAINESVILLE STANDARDS, AND FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
20. 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.
21. GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING FINAL ACCEPTANCE UNLESS OTHERWISE STIPULATED IN THE CONTRACT DOCUMENTS.

MAINTENANCE OF TRAFFIC (MOT) NOTES

1. 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 FDOT 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

1. 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.
2. 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).
3. PROVIDE BUILDING LOCATIONS, FINISH FLOOR ELEVATIONS, PAVEMENT GRADES AND ALL UNDERGROUND FACILITIES INCLUDED AS PART OF THE CONSTRUCTION DOCUMENTS.
4. PROVIDE PERIMETER DIMENSIONS AND AT TOP OF BANK AND BOTTOM OF POND.
5. PROVIDE ELEVATIONS AT TOP OF BANK, BOTTOM OF POND AND POND OUTFALL STRUCTURE(S).
6. PROVIDE SPECIAL DETAIL DRAWINGS WHERE INSTALLATIONS WERE NOT AS SHOWN ON CONSTRUCTION DRAWINGS DUE TO FIELD CONDITIONS OR WHERE REQUIRED FOR CLARITY.
7. LOCATE ALL PIPES AND PROVIDE SIZE, ELEVATION, INVERT ELEVATIONS, LENGTH AND TYPE.
8. AN AS-BUILT IRRIGATION PLAN IS ALSO REQUIRED - SEE IRRIGATION PLANS FOR FURTHER REQUIREMENTS.

NOT FOR CONSTRUCTION

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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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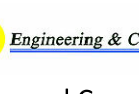
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SCALE:

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

ISSUED DATE: 25 FEB 2019

REVISIONS:

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SCALE:

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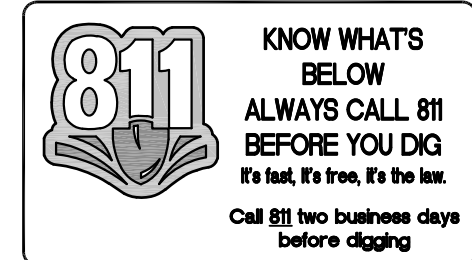
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DEMOLITION NOTES AND DETAILS

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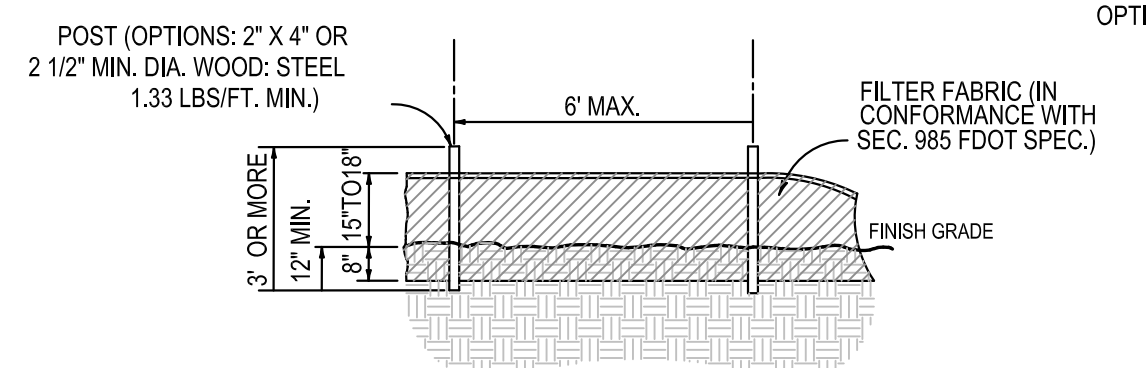
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DEMOLITION NOTES

- NO DEMOLITION SHALL OCCUR WITHIN THE DELINEATED WETLAND LINE. SEE SHEET L-104 "INVASIVE NONNATIVE PLANT REMOVAL PLAN" FOR SPECIFIC VEGETATION REMOVAL WITH THE DELINEATED WETLAND LINE.
- CONDUCT AN ON-SITE REVIEW WITH THE OWNER AND/OR OWNER'S REPRESENTATIVE PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES TO CONFIRM DEMOLITION ACTIVITIES. PROVIDE A STAGING AND ACCESS PLAN TO THE OWNER AT THIS TIME. DISCUSS THIS PLAN AND WHICH ITEMS, IF ANY, SHOULD BE SALVAGED, AND IF SALVAGED, WHERE THOSE ITEMS SHOULD BE DELIVERED OR STORED. CONTACT JOHN WEBER, PARK OPERATIONS MANAGER, AT (352) 393-8186 TO COORDINATE.
- THE CONTRACTOR SHALL FOLLOW ALL STATE, LOCAL AND FEDERAL REGULATIONS AND PROPERLY DISPOSE OF ALL DEMOLITION DEBRIS AT AN APPROVED OFF-SITE LOCATION IN A LEGAL MANNER AND AS PER LOCAL REGULATIONS.
- LOCATE ALL UNDERGROUND PIPES, CABLES AND UTILITIES IN THE AREAS OF CONSTRUCTION. THIS SHALL BE DONE SEVEN DAYS PRIOR TO EXCAVATION TO AVOID DAMAGE TO THESE FACILITIES. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE DRAWINGS BUT ARE NOT PURPORTED TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROPOSED PROJECT AREA. CONTRACTOR SHALL VERIFY PRIOR TO CONSTRUCTION THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE DRAWINGS) AFFECTING HIS WORK. ALL DAMAGE RESULTING FROM CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CALL SUNSHINE STATE ONE CALL - SEE LOGO.
- THE CONTRACTOR SHALL NOTE THAT OVERHEAD UTILITIES MAY NOT BE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL FIELD LOCATE AND INCLUDE CONSIDERATION OF SUCH UTILITIES IN PLANNING AND EXECUTING HIS WORK.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT AND/OR BRACING TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL POWER POLES AND SUPPORTS LOCATED WITHIN THE IMMEDIATE VICINITY OF TRENCH EXCAVATIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE POWER COMPANY TO PROVIDE TEMPORARY SUPPORT AND/OR BRACING IN ACCORDANCE WITH THE POWER COMPANY REQUIREMENTS.
- NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO WORK.
- PROTECT ALL EXISTING IMPROVEMENTS AND VEGETATION TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGE, AS DETERMINED BY OWNER'S REPRESENTATIVE, AT NO ADDITIONAL COST TO THE PROJECT. REPLACE ALL PAVING, STABILIZED EARTH DRIVEWAYS, SIDEWALKS, CURBS, FENCING, DAMAGED DURING CONSTRUCTION, WITH THE SAME TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP AS PREVIOUSLY EXISTED.
- PROTECT THE BUILDING AND ALL EXISTING IMPROVEMENTS, EQUIPMENT, ETC. TO REMAIN. METHODS FOR REMOVAL PROPOSED WITHIN 5 FT. OF THE BUILDING FACADES TO BE DETAILED IN FUTURE ARCHITECTURAL DEMOLITION PLANS AND SHALL BE REVIEWED BY THE OWNER AT LEAST THREE DAYS PRIOR TO PROPOSED ACTIVITIES.
- PROTECT DRAINS AND CREEK EDGE TO PREVENT DEBRIS ENCRoACHMENT DURING CONSTRUCTION.
- PROTECT DEMOLISHED AREAS TO MINIMIZE EROSION DURING CONSTRUCTION.
- SEE INVASIVE NONNATIVE VEGETATION REMOVAL PLAN FOR TREE AND VEGETATION REMOVAL. PROTECT OTHER EXISTING TREES, LANDSCAPE PLANTINGS, AND TURF TO REMAIN DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. NO EQUIPMENT, VEHICLES, OR STORED MATERIALS SHALL BE PARKED OR STORED BELOW TREE CANOPIES. HAND CLEARING IS REQUIRED IN THOSE AREAS WITHIN TREE ROOT ZONE AND BELOW CANOPY. SEE TREE PROTECTION DETAILS.
- IF REQUIRED, EXISTING TREE TRIMMING TO BE PRUNED AS DIRECTED BY AND IN THE PRESENCE OF, AN ISA-CERTIFIED ARBORIST OR THE PROJECT LANDSCAPE ARCHITECT.
- WHERE ROOTS GREATER THAN ONE (1) INCH ARE DAMAGED OR EXPOSED, THEY SHALL BE CUT CLEANLY AND RE-COVERED WITH SOIL WITHIN ONE HOUR OF DAMAGE OR EXPOSURE.
- CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION.
- MAINTAIN SITE IN NEAT AND ORDERLY CONDITION DAILY.
- DISTURBED AREAS WILL BE SODDED, SEEDDED, MULCHED OR PLANTED WITH LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING. SEE LANDSCAPE PLAN.
- CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER USABLE FACILITIES WITHOUT PERMISSION FROM OWNERS AND AUTHORITIES HAVING JURISDICTION. CLOSURE OF THESE FACILITIES MAY REQUIRE A MAINTENANCE OF TRAFFIC PLAN PREPARED BY A REGISTERED PROFESSIONAL AT THE CONTRACTOR'S EXPENSE.
- ASPHALT REMOVAL SHALL BE ACHIEVED WITH A CLEAN AND UNIFORM SAWCUT WHERE IT ABUTS ASPHALT TO REMAIN.
- SYNTHETIC HAY BALES OR FABRIC FENCE (SILT TYPE) SHALL BE UTILIZED AS SILT BARRIERS AND PLACED IN LOCATIONS SHOWN ON THE PLANS AND AT OTHER LOCATIONS AS REQUIRED TO KEEP SEDIMENT FROM REACHING WATER BODIES OR WETLAND AREAS (REFERENCE STORM WATER POLLUTION PREVENTION PLANS). THESE BARRIERS SHALL BE INSTALLED.
- BEFORE COMMENCING WITH ANY CONSTRUCTION WITHIN OR ADJACENT TO JURISDICTIONAL AREAS, THE CONTRACTOR SHALL MONITOR AND MAINTAIN ALL SILT BARRIERS AND FENCING INCLUDING DAILY INSPECTIONS TO CHECK THEIR INTEGRITY. ANY LOOSE OR DAMAGED SILT BARRIERS AND FENCING SHALL BE IMMEDIATELY REPAIRED OR REPLACED AS NECESSARY. ONCE CONSTRUCTION IS COMPLETED AND FINISHED GRADING AND STABILIZATION HAS BEEN ACHIEVED, SILT BARRIERS AND FENCING SHALL BE COMPLETELY REMOVED TO THE SATISFACTION OF THE ENGINEER AND BEFORE FINAL ACCEPTANCE.
- IF DEWATERING IS REQUIRED, THEN ALL WATER COLLECTED AND PUMPED DURING TRENCH DEWATERING ACTIVITIES SHALL BE DISPOSED OF IN UPLAND AREAS INTO DOUBLE STAKED HAY BALES. DISCHARGE LOCATIONS SHALL BE A MINIMUM OF 75 FEET FROM THE NEAREST WATER BODY OR WETLAND AREA TO ALLOW FOR MAXIMUM OVERLAND FILTRATION OF SOIL PARTICLES. EXCAVATION ACROSS ALL WETLANDS SHALL BE ACCOMPLISHED BY STRIPPING THE TOP 10 INCHES OF SURFICIAL SOILS FROM THE FULL WIDTH OF THE AREA TO BE DISTURBED. SURFICIAL SOILS SHALL BE REPLACED LAST AND SHALL BE SPREAD ACROSS THE ENTIRE DISTURBED WETLAND AREA TO HELP PROMOTE NATIVE VEGETABLE GROWTH. SURFICIAL SOILS SHALL NOT BE STOCKPILED IN EXCESS OF TWO WEEKS. FURTHER, ALL ASPECTS OF BACKFILLING, GRADING AND MULCHING SHALL BE COMPLETE WITHIN 30 DAYS OF INITIAL WETLAND IMPACT FOR EACH JURISDICTIONAL AREA.
- ALL CONTROL STRUCTURE AND OUTFALL CULVERT INSTALLATIONS SHALL BE PROTECTED WITH SEDIMENT BARRIERS AT A MINIMUM.
- TEMPORARY STOCKPILES SHALL NOT BE LOCATED ADJACENT TO WETLANDS WHERE SEDIMENTATION FROM STOCKPILES MAY CAUSE DAMAGE TO WETLAND. ADDITIONALLY, SILT BARRIERS AND FENCING SHALL CONTINUOUSLY AND FULLY ENCLOSE ALL STOCKPILES WHICH WILL REMAIN FOR LONGER THAN 24 HOURS TO CONTAIN MATERIALS WITHIN A REASONABLY CONFINED AREA.
- BANKS SHALL BE PROTECTED FROM EROSION OR COLLAPSE DURING CONSTRUCTION. BANK PROTECTION MATERIAL SHALL BE CAREFULLY PLACED FROM THE BANK AND NOT DUMPED FROM ABOVE IN AN UNCONTROLLED MANNER. SANDBAGS SHALL BE USED FOR PROTECTING THE BANKS. UPON COMPLETION OF CONSTRUCTION, BANKS AND WATERWAYS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONFIGURATION AND PROTECTED FROM EROSION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ON SITE DUST CONTROL. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE MULCHED, SODDED, OR PLANTED AS IDENTIFIED WITHIN THE LANDSCAPE PLAN. THESE AREAS SHALL BE SEEDDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS.
- SEE ARCHITECTURAL DEMOLITION PLAN AND MECHANICAL, PLUMBING, AND ELECTRICAL FLOOR PLAN DEMOLITION PLANS REGARDING EXISTING BUILDING SYSTEM DEMOLITION.



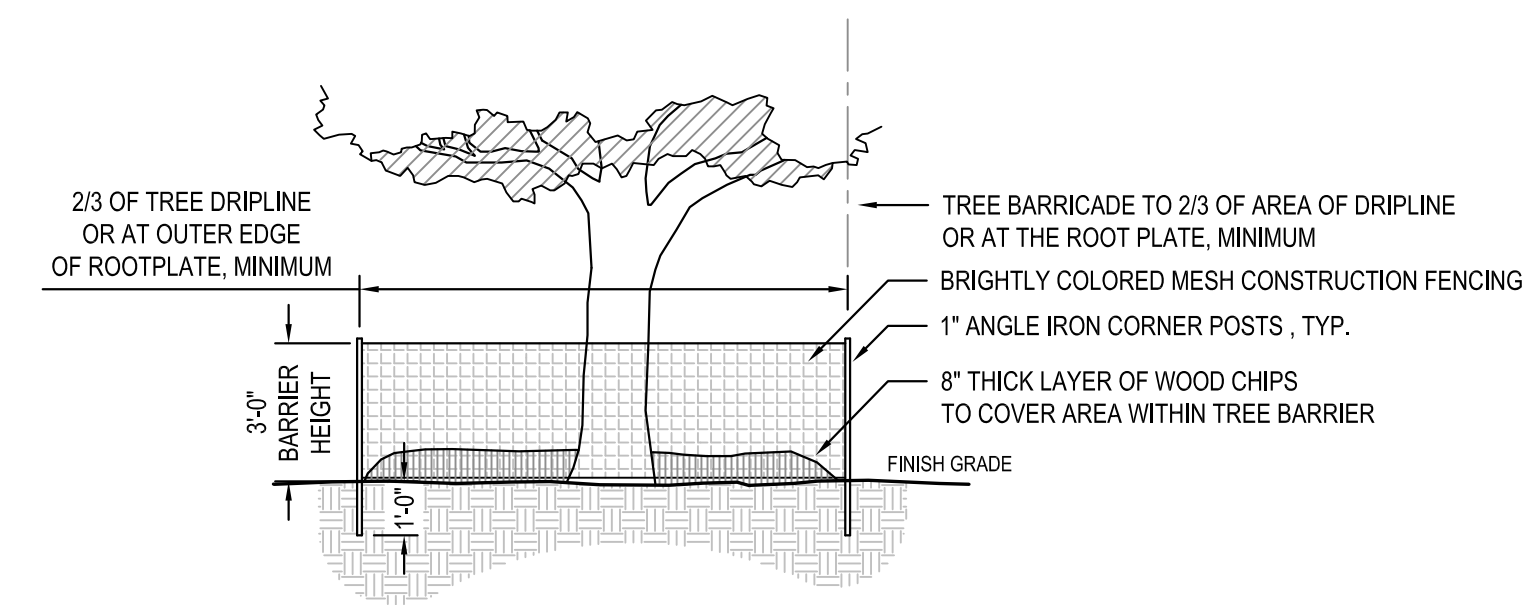
NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (L.F.)



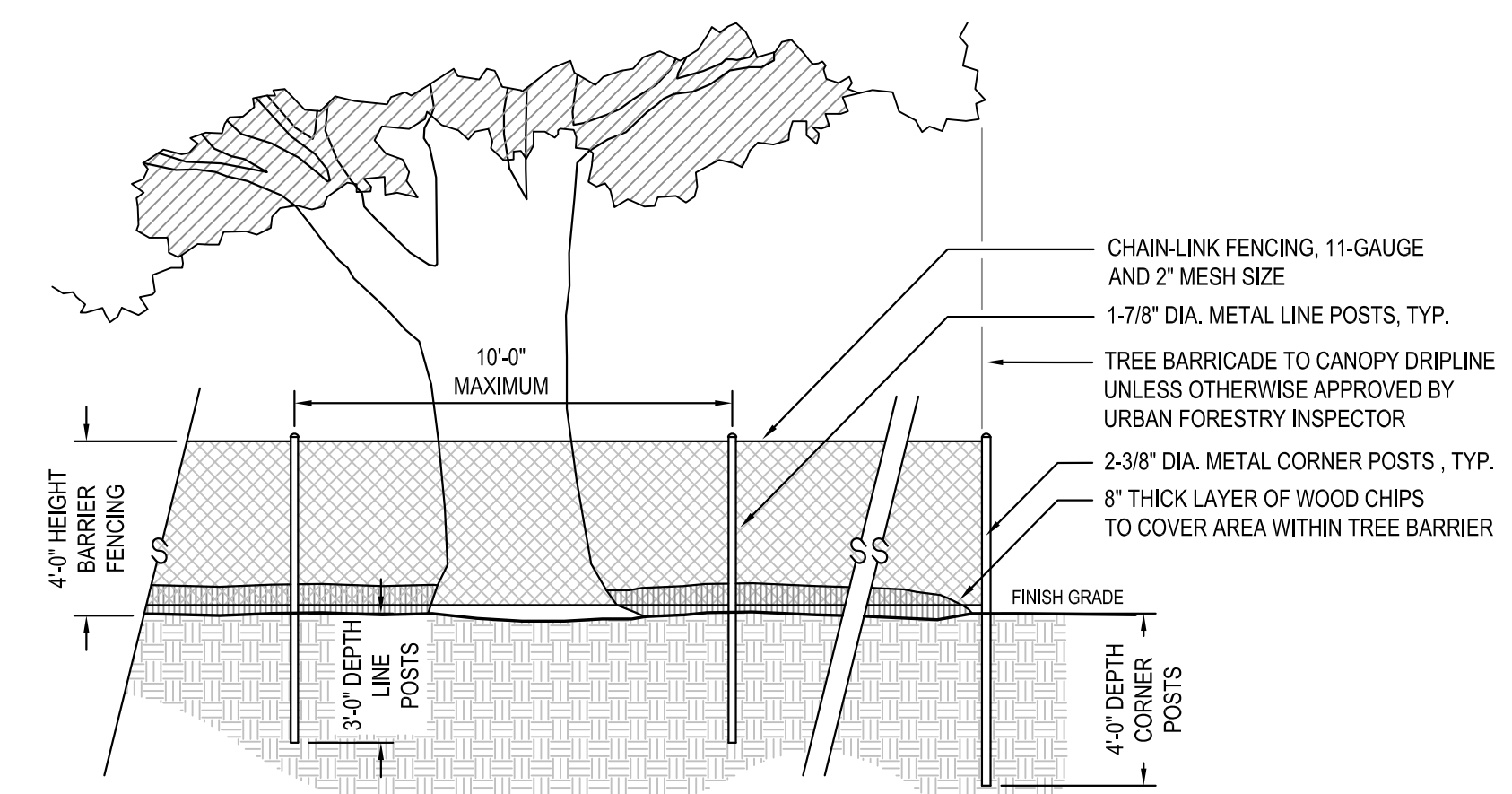
1 SILT FENCE DETAIL
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NOTE:

- DO NOT STORE MATERIALS OR ALLOW ENCRoACHMENT OF VEHICLES OR MACHINERY WITHIN TREE BARRIER AREA. NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS, EXCEPT SHORT-DURATION PLACEMENTS OF CLEAN FILL SOIL THAT WILL NOT HARM THE TREE.
- NO GRADE CHANGES MAY OCCUR WITHIN TREE BARRIER AREA WITHOUT APPROVAL.
- LANDSCAPE PREPARATION IN THE PROTECTED AREA SHALL BE LIMITED TO SHALLOW DISCING OF THE AREA. DISCING SHALL BE LIMITED TO A DEPTH OF FOUR INCHES UNLESS SPECIFICALLY APPROVED OTHERWISE.
- TREE BARRIERS TO REMAIN IN PLACE UNTIL LANDSCAPING OPERATIONS BEGIN. ONCE REMOVED, VEHICLE AND EQUIPMENT TRAFFIC AND STORAGE OF MATERIALS WITHIN AREA SHALL BE MINIMIZED AS MUCH AS POSSIBLE.



2 TYPICAL TREE PROTECTION DETAIL
SCALE: N.T.S.



3 HIGH QUALITY HERITAGE TREE PROTECTION DETAIL
SCALE: N.T.S.

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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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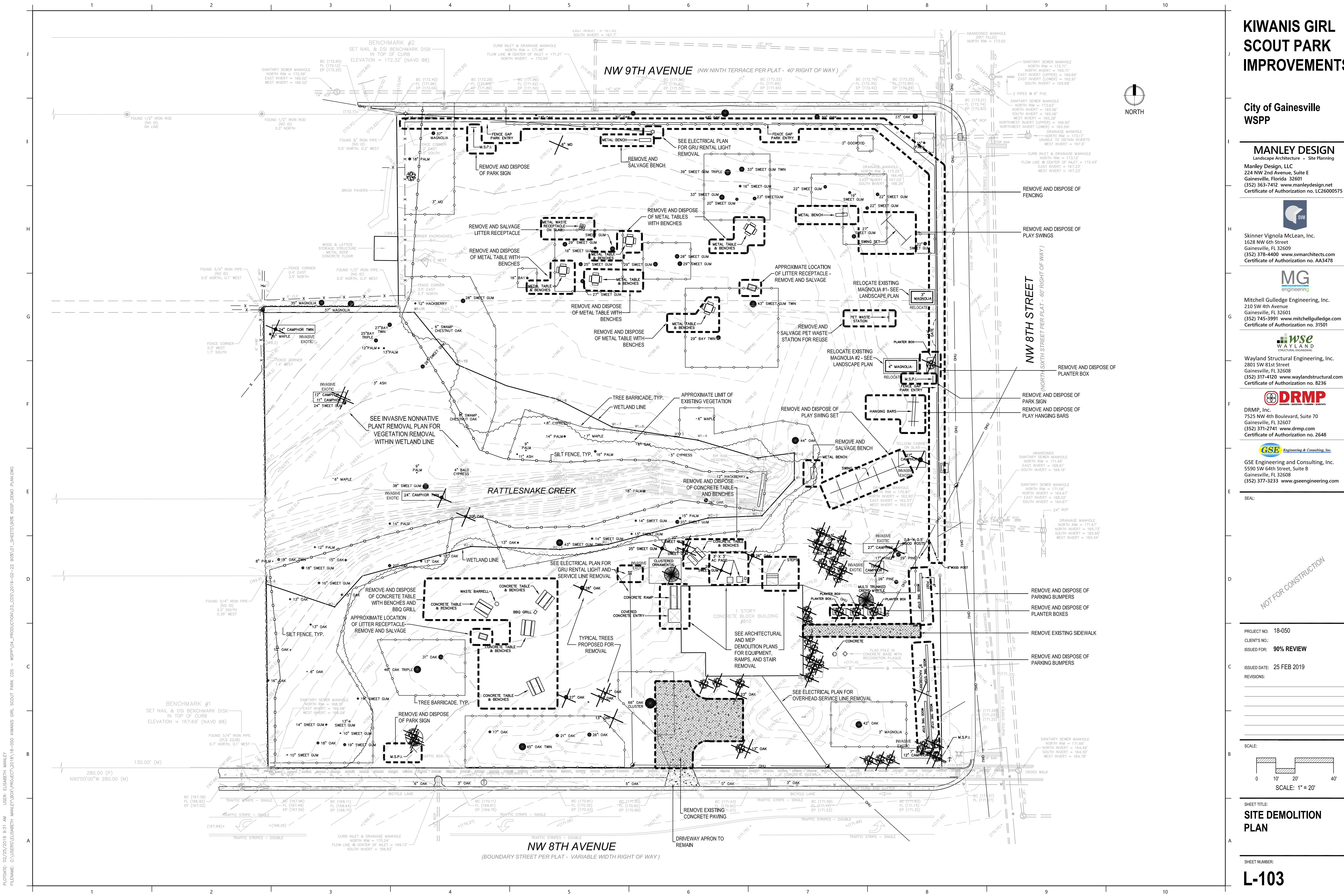
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SITE DEMOLITION PLAN

SHEET NUMBER:

L-103



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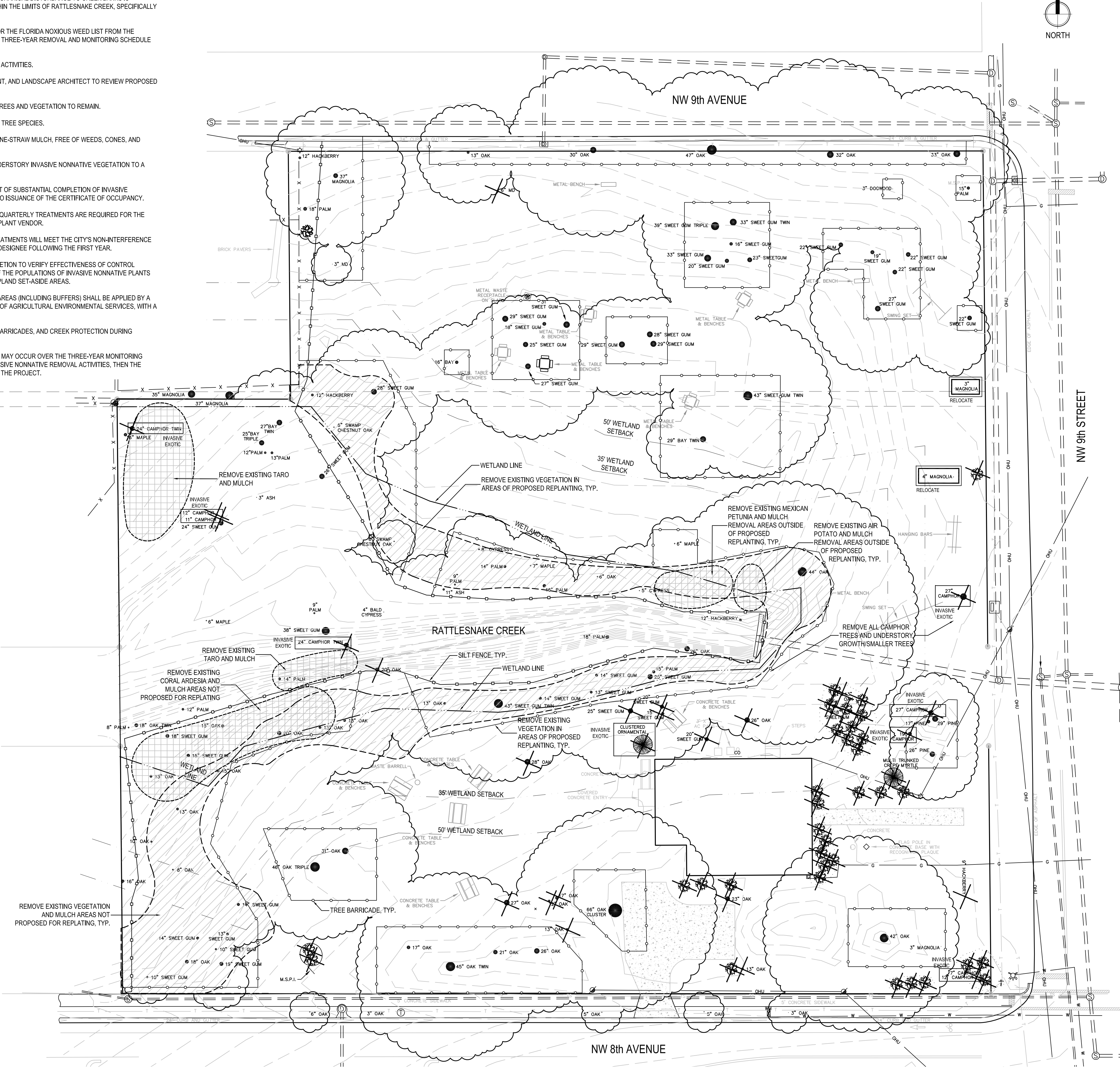
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INVASIVE EXOTICS PLANT REMOVAL NOTES

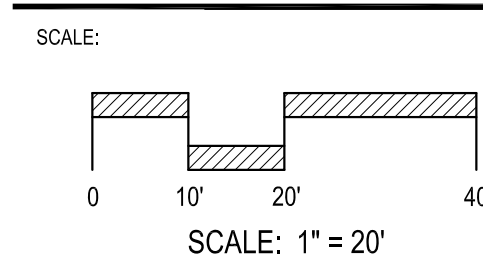
- REMOVE INVASIVE NONNATIVE PLANT SPECIES FROM THE PROPERTY TO A LEVEL OF NON-INTERFERENCE. AREAS OF REMOVAL ARE ILLUSTRATED ON THE PLAN BUT SHOULD BE CONFIRMED IN THE FIELD. REMOVAL IS LIMITED TO AREAS OUTSIDE THE CREEK CHANNEL SINCE MECHANICAL DISTURBANCE TO CREEK BANKS IS COUNTERPRODUCTIVE TO NATURAL RESOURCES. HERBICIDAL TREATMENTS SHOULD NOT BE PERFORMED WITHIN THE LIMITS OF RATTLESNAKE CREEK, SPECIFICALLY BETWEEN TOP OF BANK ELEVATIONS.
- 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.
 - PAINT OR FLAG AREAS AND/OR SPECIFIC TREES AND VEGETATION IN THE FIELD PRIOR TO ANY REMOVAL ACTIVITIES.
 - 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.
 - SPOT SPRAY REMOVE AREAS WITH AN APPROVED AND APPROPRIATE HERBICIDE. PROTECT EXISTING TREES AND VEGETATION TO REMAIN.
 - MECHANICALLY REMOVE MATERIAL AND HAND-SAW OR GRIND SMALL TO MEDIUM SIZED INVASIVE/EXOTIC TREE SPECIES.
 - 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.
 - 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.
 - COORDINATE FOR THE 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.
- 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.
- 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.
- 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.
- 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.
- SEE SHEET L-102 DEMOLITION NOTES AND DETAILS FOR ADDITIONAL REQUIREMENTS FOR SILT FENCING, TREE BARRICADES, AND CREEK PROTECTION DURING REMOVAL ACTIVITIES.
- 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

- EXISTING TREES TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING INVASIVE NONNATIVE TREE TO BE REMOVED
- AREA OF EXISTING UNDERSTORY VEGETATION TO BE REMOVED EXCLUDING EXISTING TREES
- SPECIFIC AREAS OF INVASIVE NONNATIVE VEGETATION ONLY TO BE REMOVED



NOT FOR CONSTRUCTION



SHEET TITLE:
INVASIVE NONNATIVE VEGETATION REMOVAL PLAN

SHEET NUMBER:
L-104

PLOTDATE: 02/24/2019 11:09 PM USER: ELISABETH MANLEY FILENAME: C:\USERS\ELISABETH MANLEY\BOX\PROJECT\2018\18-050 KIWANIS GIRL SCOUT PARK CDS - WSPP\01_PRODUCTION\01_CDS\2019-02-22-90%_01_SHEETS\WSPP_SITE_EX_PLANNING

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSP

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SEAL:

PROJECT NO: 18-050

CLIENTS NO:

ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

REVISIONS:

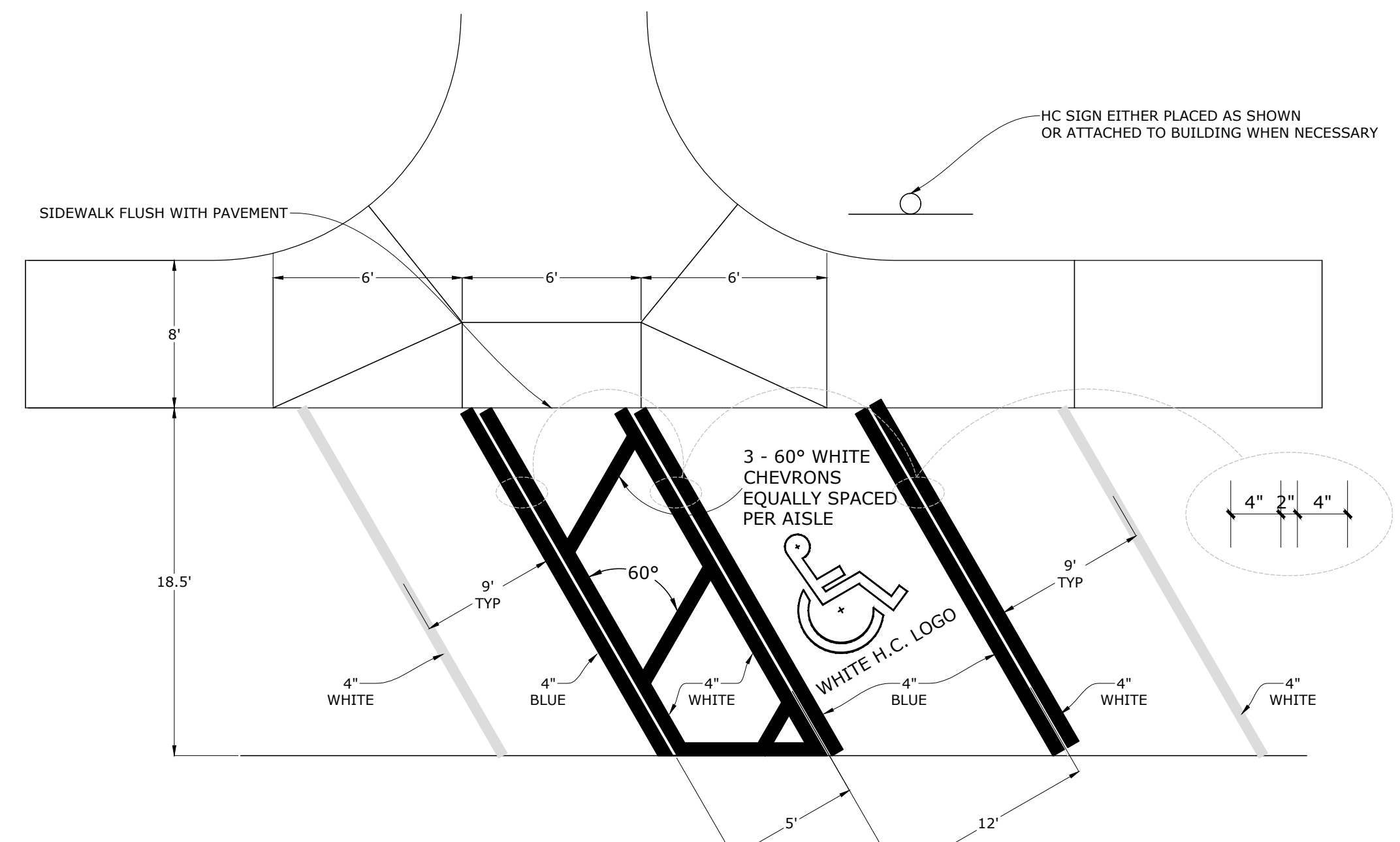
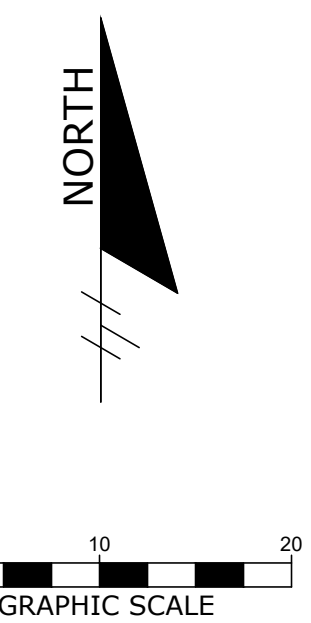
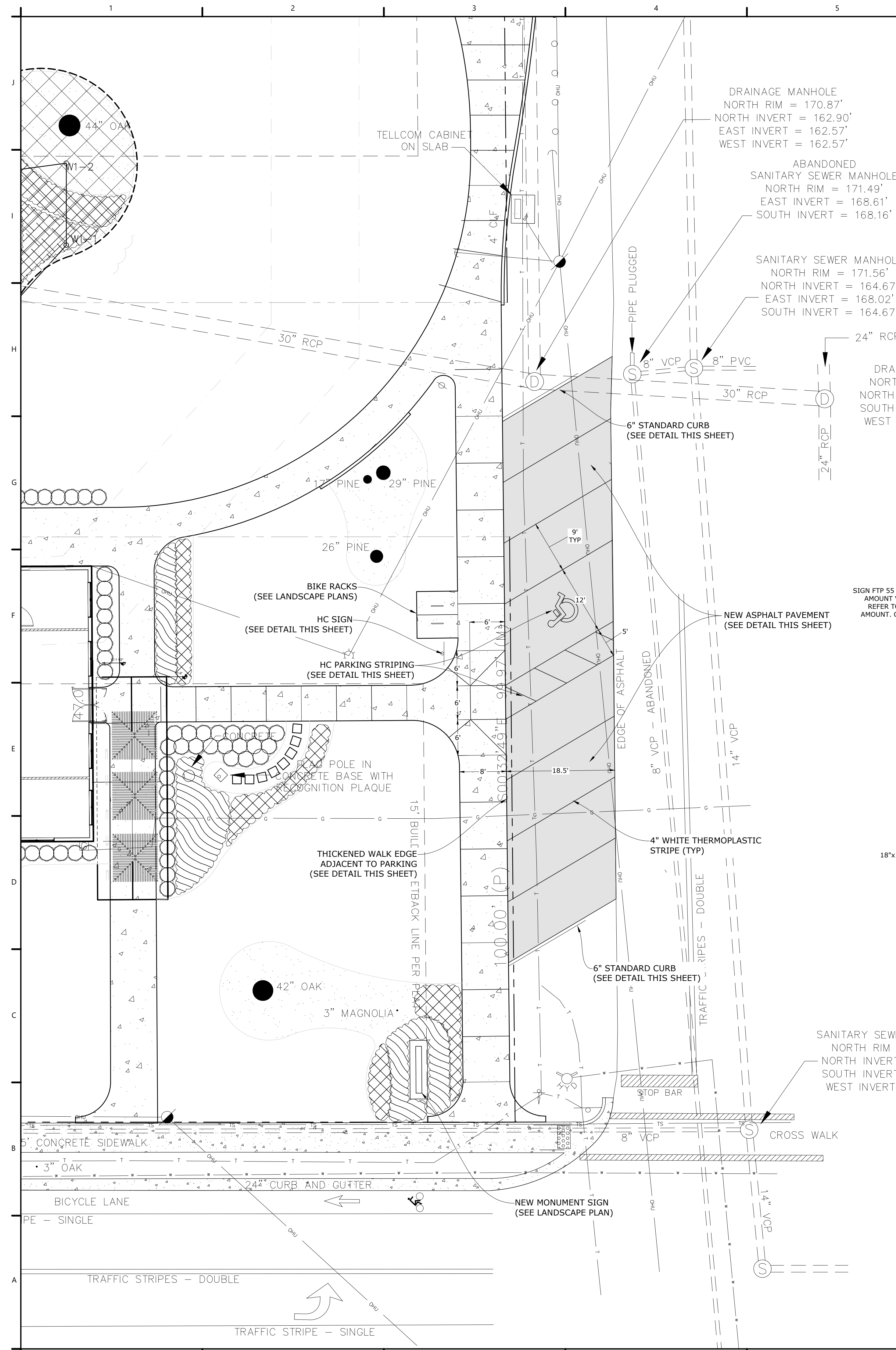
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SHEET TITLE:

PARKING GEOMETRY, MARKING AND DETAILS

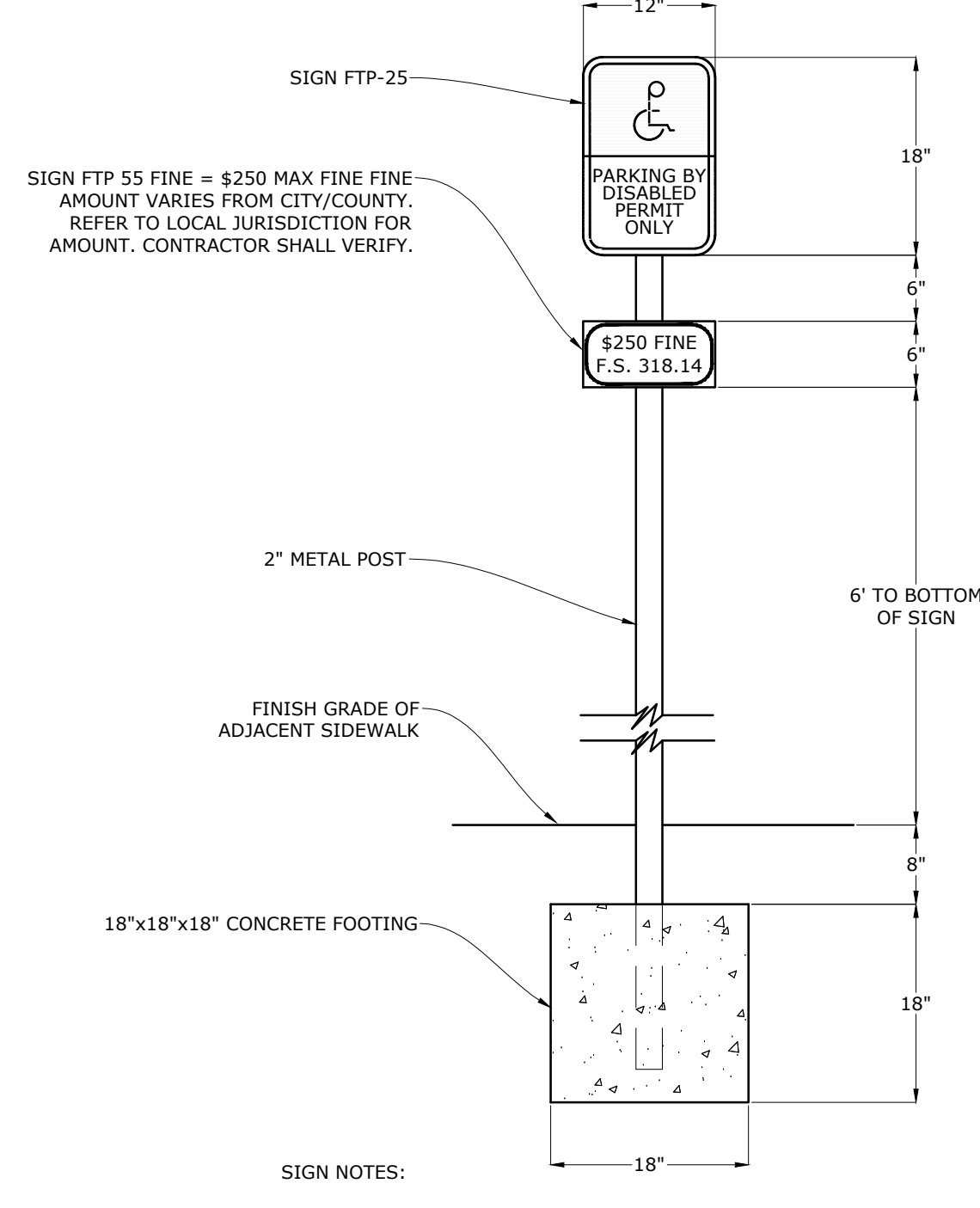
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C1.00



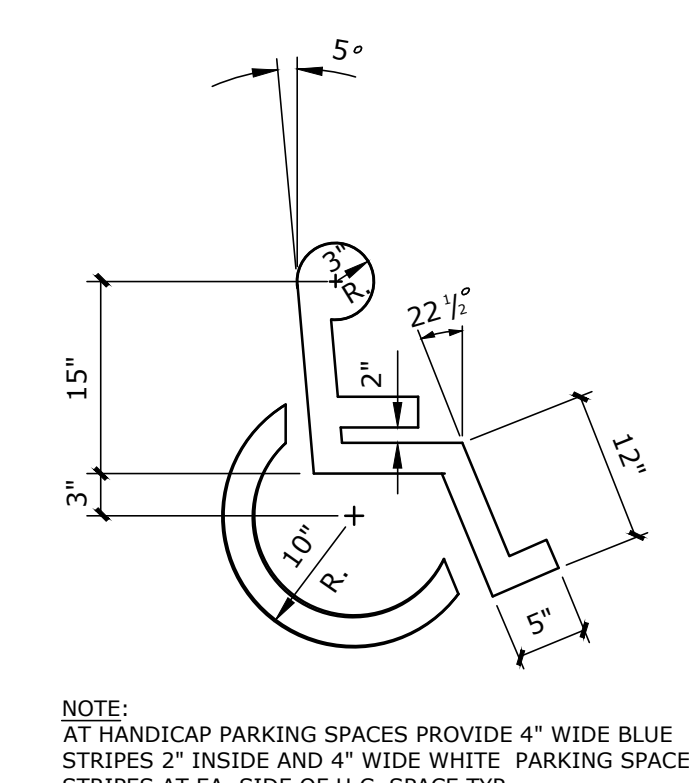
H.C. PARKING STRIPING DETAIL

N.T.S.



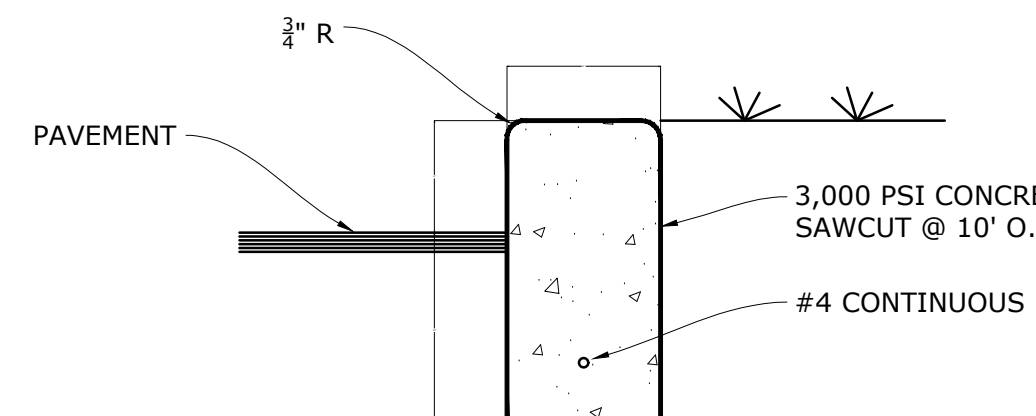
HANDICAP PARKING SIGN

N.T.S.



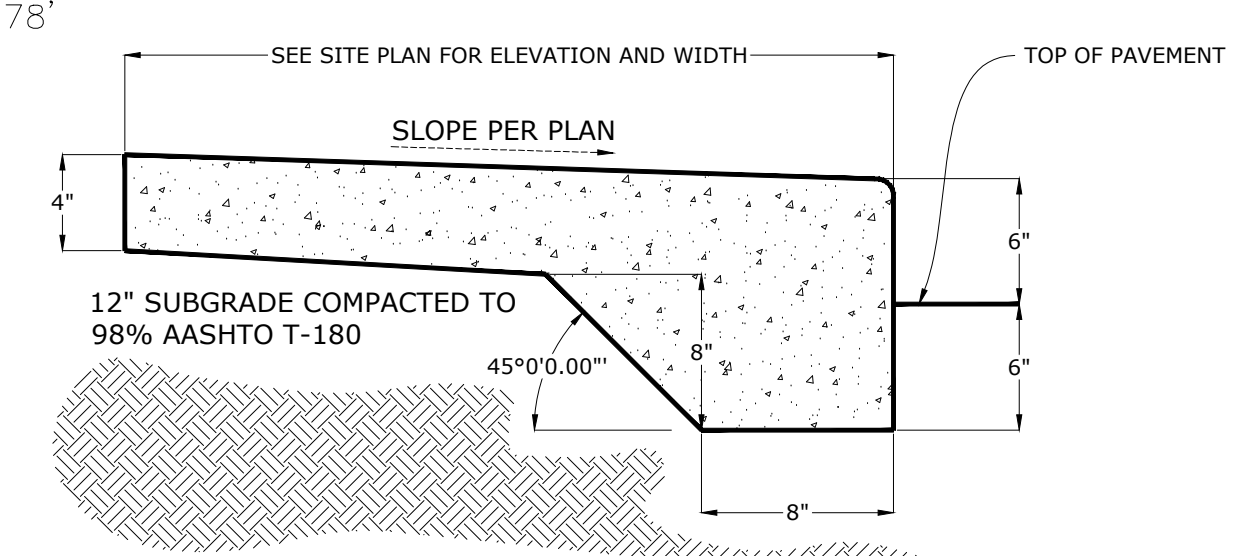
HANDICAP PARKING LOGO

N.T.S.



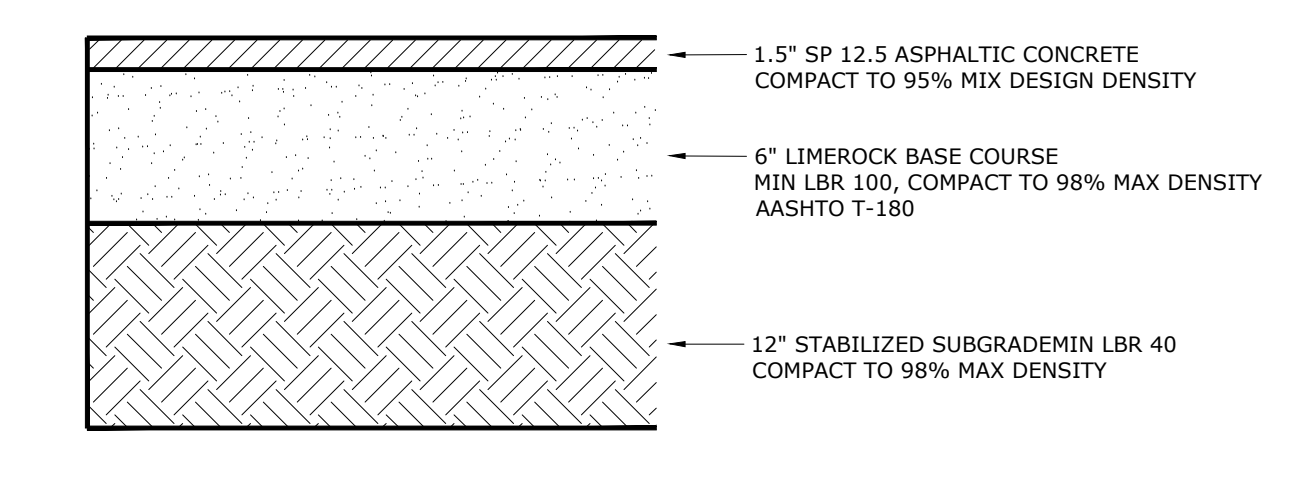
6 inch STANDARD CURB

N.T.S.



SIDEWALK DETAIL WITH THICKENED EDGE (ADJACENT TO PARKING ONLY)

N.T.S.

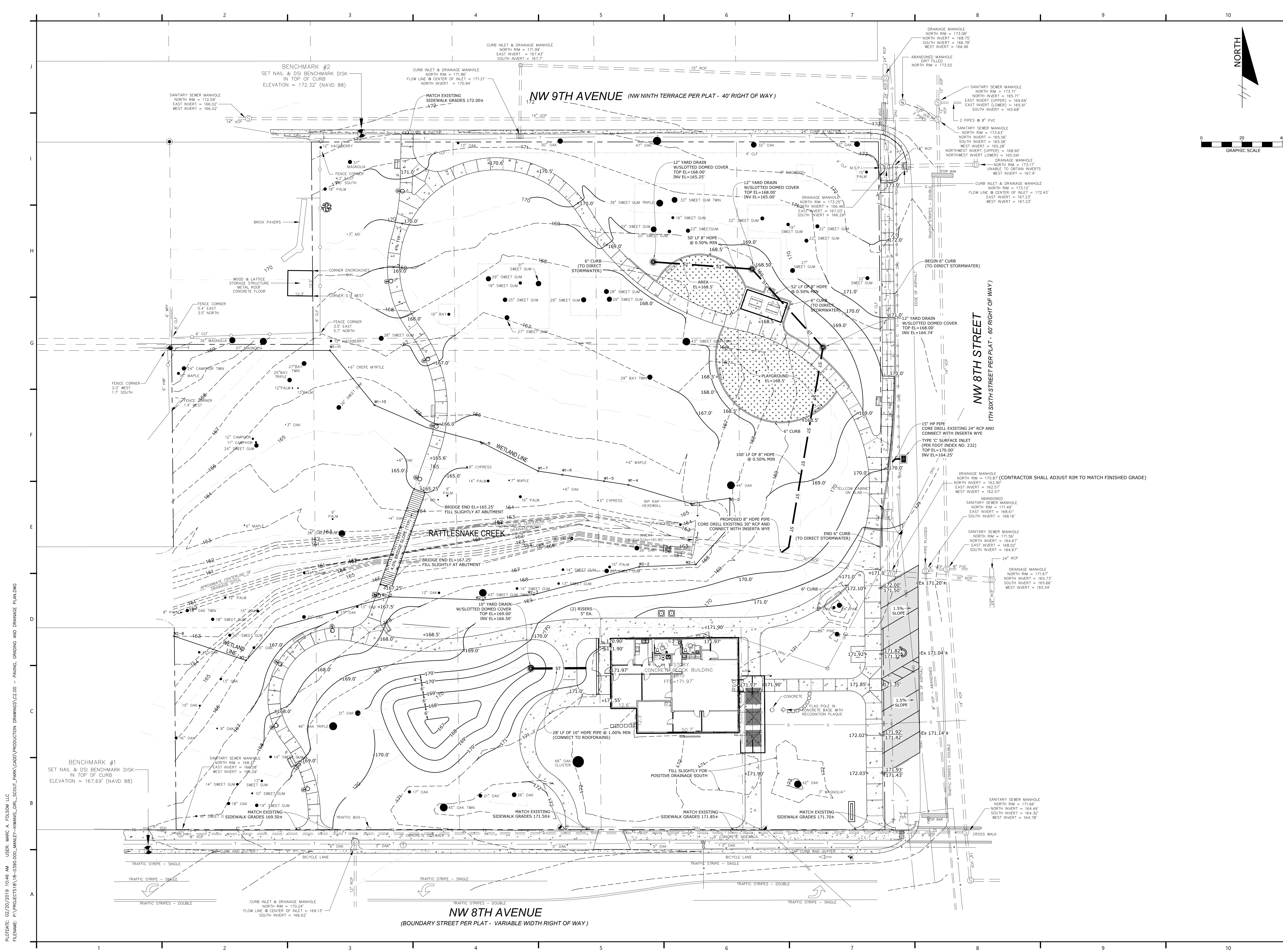


TYPICAL ASPHALT PAVEMENT SECTION

N.T.S.

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PLOTDATE: 02/20/2019 10:46 AM USER: MARC A. FOLSOM, LLC FILENAME: P:\PROJECTS\18-0390.000\MANLEY-KIWANIS_GIRL_SCOUT_PARK\CADD\PRODUCTION DRAWINGS\C1.00 - SITE GEOMETRY AND MARKING PLAN.DWG



KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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

SCALE:

SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C2.00

PLOTDATE: 02/20/2019 10:46 AM USER: MARC A. FOLSOM, LLC FILENAME: P:\PROJECTS\18-0390.000-MANLEY-KIWANIS_GIRL_SCOUT_PARK\ADD\PRODUCTION DRAWINGS\C2.00 - PAVING, GRADING AND DRAINAGE PLAN.DWG

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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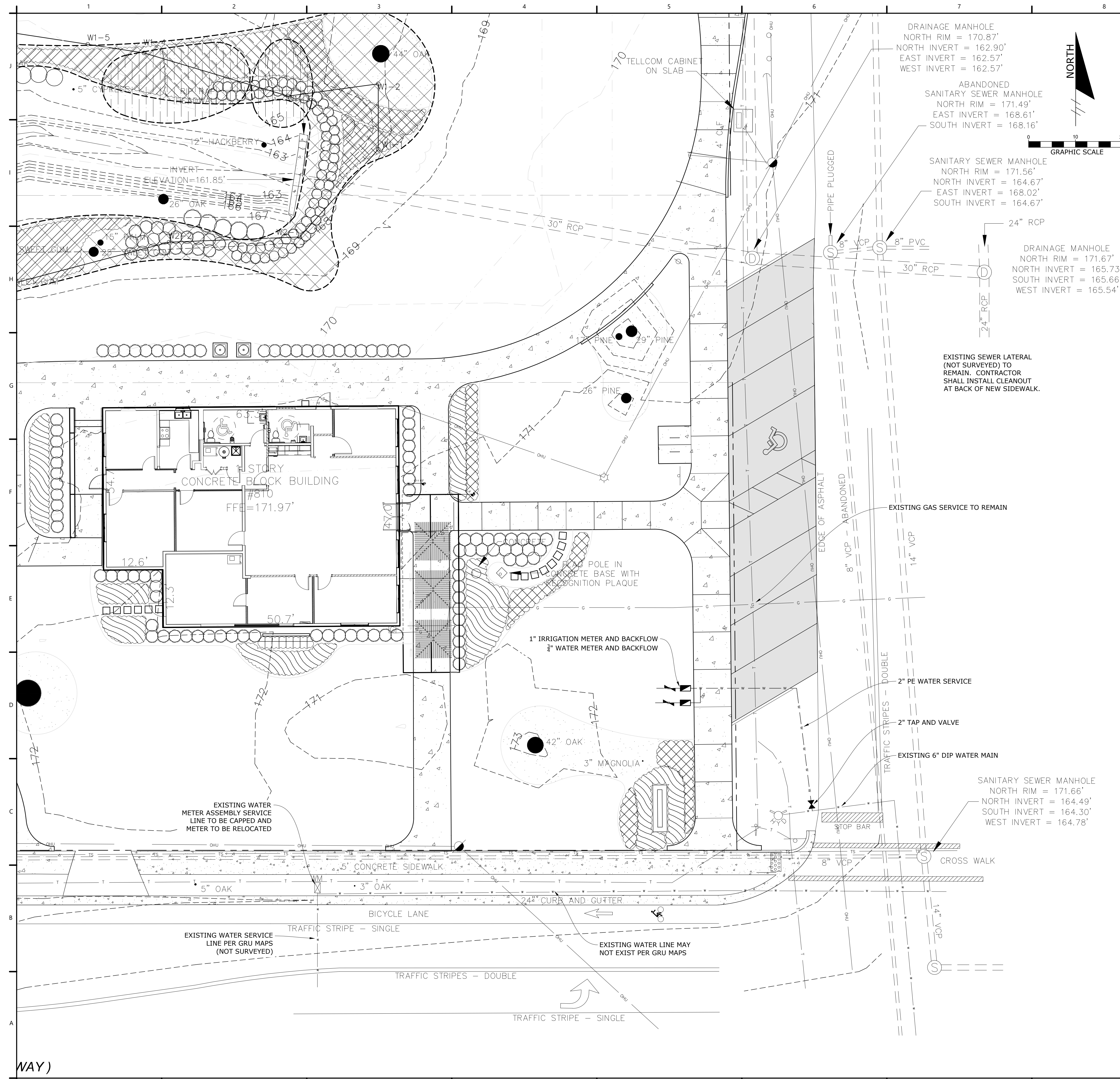
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UTILITIES PLAN

SHEET NUMBER:

C3.00

GRU STANDARD UTILITY NOTES

- THE FOLLOWING PERMITS ARE REQUIRED: CITY OF GAINESVILLE, UNIVERSITY OF FLORIDA, GRU, AND SJRWMD.
- 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
- 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.
- POTABLE WATER AND WASTEWATER MAINS SHALL MAINTAIN A MINIMUM 10 FEET HORIZONTAL AND 1.5 FOOT VERTICAL SEPARATION.
- 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.)
- 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.
- 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.
- 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.
- 3" WATER SERVICE CROSSINGS LOCATED UNDER ROADWAYS SHALL BE ENCASED IN 4" HDPE EXTENDING 5' PAST THE BACK OF CURB.
- ANCHOR TEES, ANCHOR COUPLINGS (SOLID X SWIVEL), AND ANCHOR BENDS (SWIVEL X SWIVEL) SHALL BE USED ON ALL FIRE HYDRANT ASSEMBLIES.
- 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. RESTRAINT LENGTH MUST BE INDICATED ON THE PLANS.
- ALL SANITARY WASTEWATER SERVICE LATERALS SHALL BE MIN. 4" DIAMETER PVC (SDR 26 PIPE AND FITTINGS) AT 1.00% MIN. SLOPE UNLESS OTHERWISE LABELED.
- WASTEWATER CLEANOUT COVERS LOCATED WITHIN PAVEMENT AND SIDEWALKS SHALL BE RATED FOR TRAFFIC LOAD BEARING.
- 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.
- 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.
- 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.



PLOTDATE: 02/20/2019 10:46 AM USER: MARC A. FOLSOM, LLC
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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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SCALE:

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

ISSUED DATE: 25 FEB 2019

REVISIONS:

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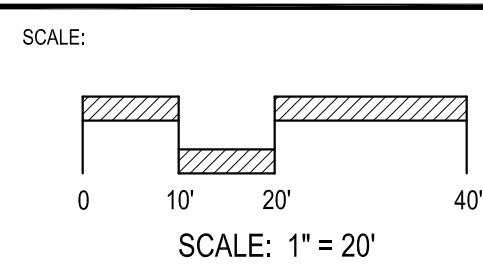
HARDSCAPE NOTES

- KICK OFF ON-SITE MEETING:** COORDINATE AN ON-SITE MEETING WITH THE OWNER TO DISCUSS PROPOSED IMPROVEMENTS AND LOCATIONS PRIOR TO CONSTRUCTION.
- SECURITY OF PROJECT AREA:** ENSURE PROJECT AREA AND ANY ASSOCIATED STORAGE OR STAGING AREAS ARE ENCLOSED OR OTHERWISE SECURE DURING CONSTRUCTION ACTIVITIES.
- EXISTING CONDITIONS:** VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IN THE CASE OF A DISCREPANCY.
- DEMOLITION:** SEE DEMOLITION PLAN FOR PROPOSED DEMOLITION. PROTECT EXISTING IMPROVEMENTS TO REMAIN THROUGHOUT CONSTRUCTION.
- 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.
- SUBSTITUTIONS:** NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.
- 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.



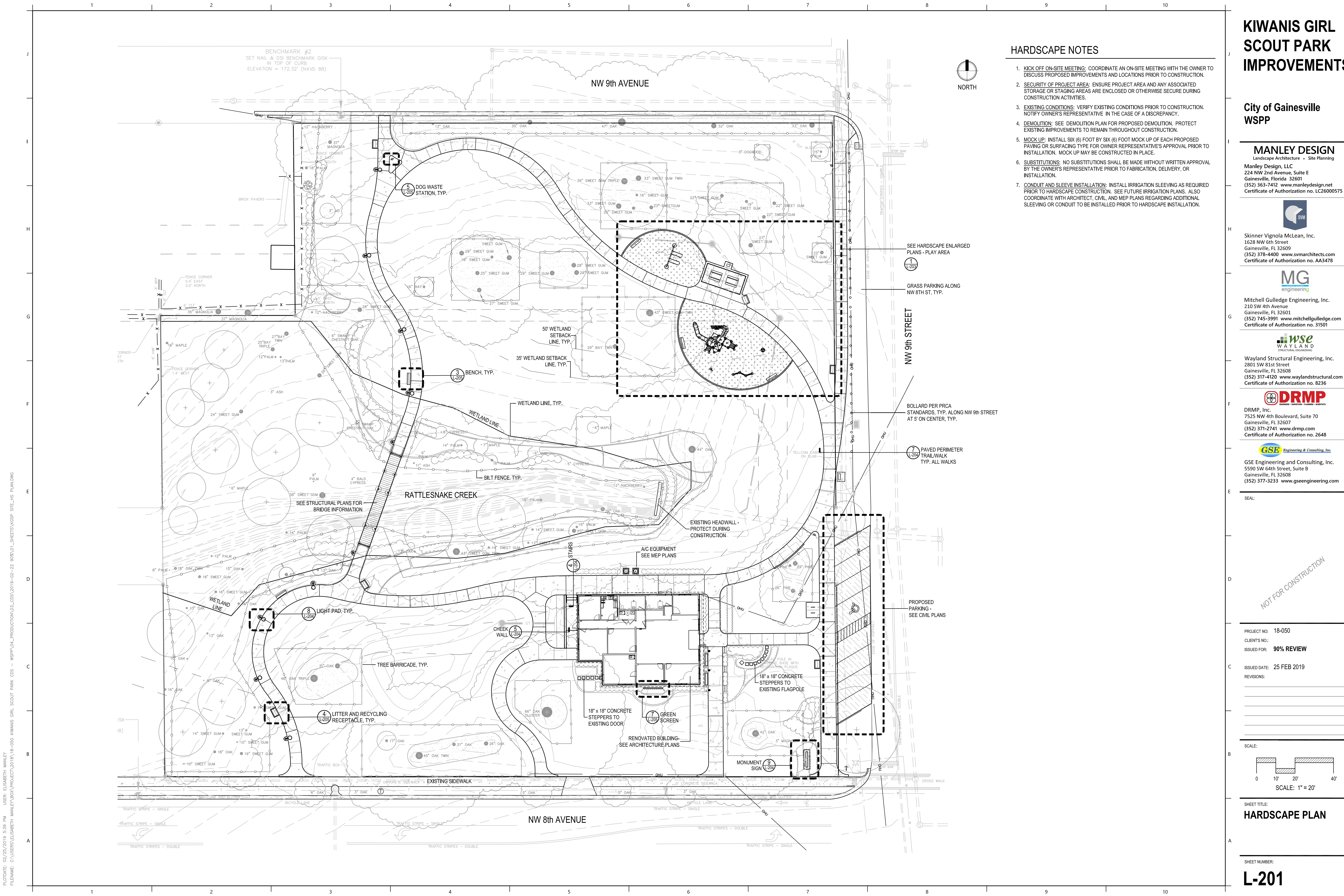
NORTH

NOT FOR CONSTRUCTION



SHEET TITLE:
HARDSCAPE PLAN

SHEET NUMBER:
L-201



PLOTDATE: 02/25/2019 5:39 PM USER: ELISABETH MANLEY
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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
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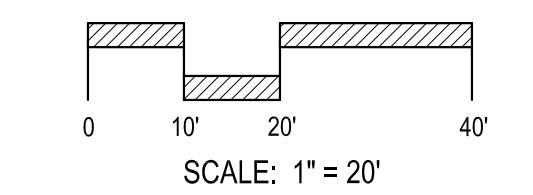
SEAL:

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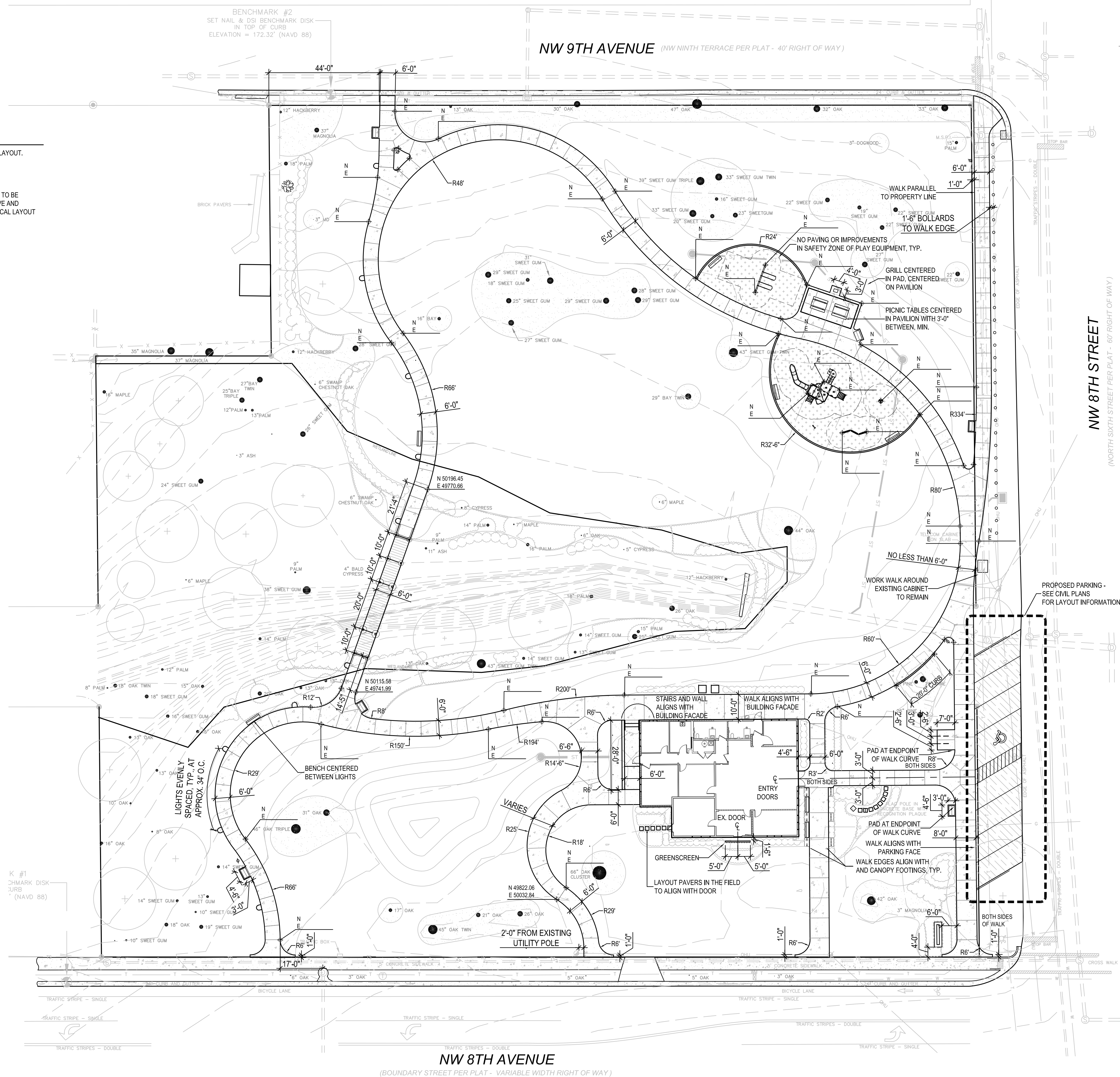


SHEET TITLE:
HARDSCAPE LAYOUT PLAN

SHEET NUMBER:
L-202

LAYOUT NOTES

- DIGITAL FILE AVAILABLE FROM LANDSCAPE ARCHITECT FOR THE PURPOSES OF LAYOUT.
- VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IN THE CASE OF A DISCREPANCY.
- HARDSCAPE, INCLUDING PAVING, FURNISHINGS, PLAY EQUIPMENT, AND BRIDGE, TO BE FLAGGED IN THE FIELD FOR REVIEW AND APPROVAL BY OWNER REPRESENTATIVE AND LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. INDICATE PROPOSED VERTICAL LAYOUT INFORMATION ON STAKES.
- SEE STRUCTURAL PLANS FOR BRIDGE DETAILS.
- SEE ARCHITECTURAL PLANS FOR BUILDING LAYOUT INFORMATION.
- SEE CIVIL PLANS FOR PARKING LOT AREA LAYOUT INFORMATION.
- JOINTING TO BE PER LAYOUT INTENT AS SHOWN IN PLAN.



PLOTDATE: 02/25/2019 1:33 PM USER: ELISABETH MANLEY
 FILENAME: C:\USERS\ELISABETH MANLEY\BOX\PROJECT\2018\18-050 KIWANIS GIRL SCOUT PARK CDS - WSPP\04_PRODUCTION\04_CDS\2019-02-22 90%_01_SHEETS\WGSP-HS_LAYOUT.DWG

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
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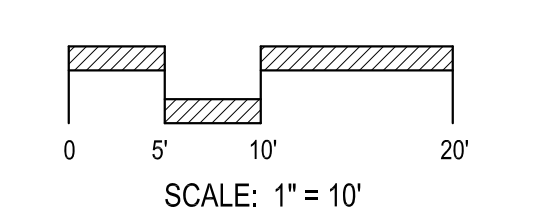
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REVISIONS:

NO.	DATE	DESCRIPTION

SCALE:



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.



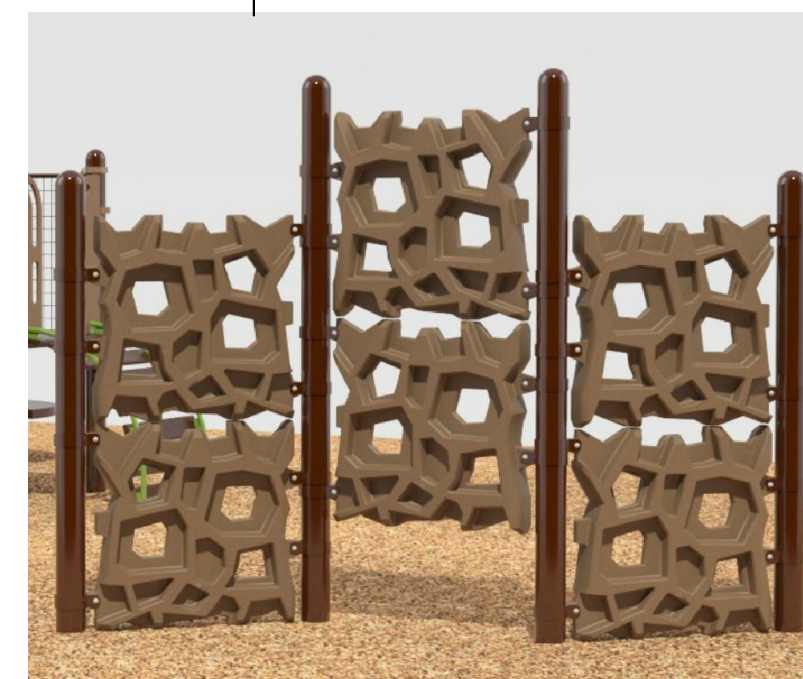
SINGLE POST SWINGS
MODEL #: 177332 WITH (2) BELT SWINGS
COLOR: PROSHIELD 'BROWN' VERTICAL POSTS, 'LIMON' TOP POST



BENCH
3
L-205



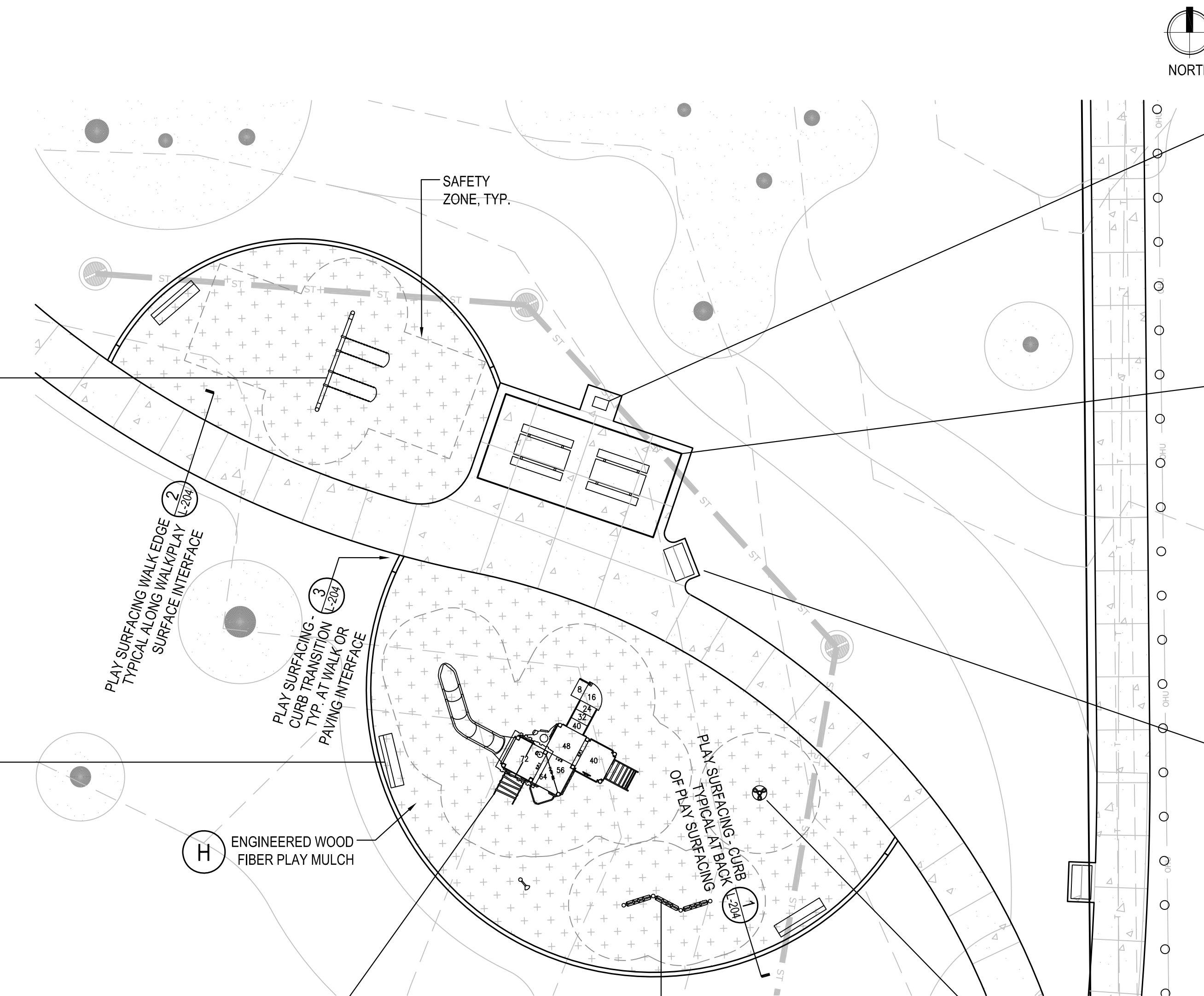
DISCOVERY TREE CLIMB
MODEL #: 15930-1-3
COLORS:
PROSHIELD - 'BROWN' POSTS, 'LIMON' METAL MESH, AND 'LEAF' RAILINGS
STEEL DECKS - 'BROWN'
TENDERTUFF COATING - 'BROWN'
POLYETHYLENE (SLIDE) - 'LIMON'
PERMLENE COLOR PANELS - 'LIMON' FOR ACTIVITY PANELS. 'TAN' AND 'ACORN' MIXED FOR VERTICAL WOOD PANELS



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'



NORTH



1 PICNIC PAVILION WITH 2 BBQ GRILL
-ROOF SLOPES NORTH



4 LITTER AND RECYCLING RECEPTACLE

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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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SEAL:

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

ISSUED DATE: 25 FEB 2019

REVISIONS:

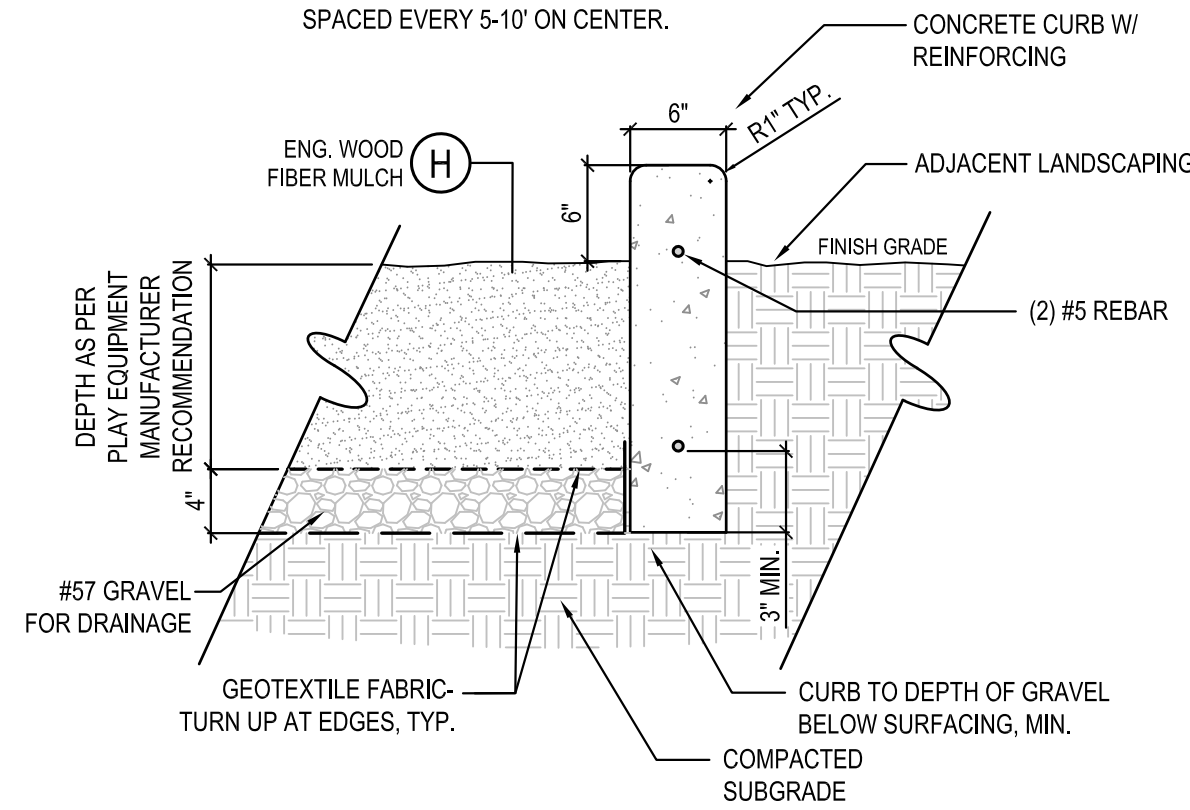
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AS SHOWN

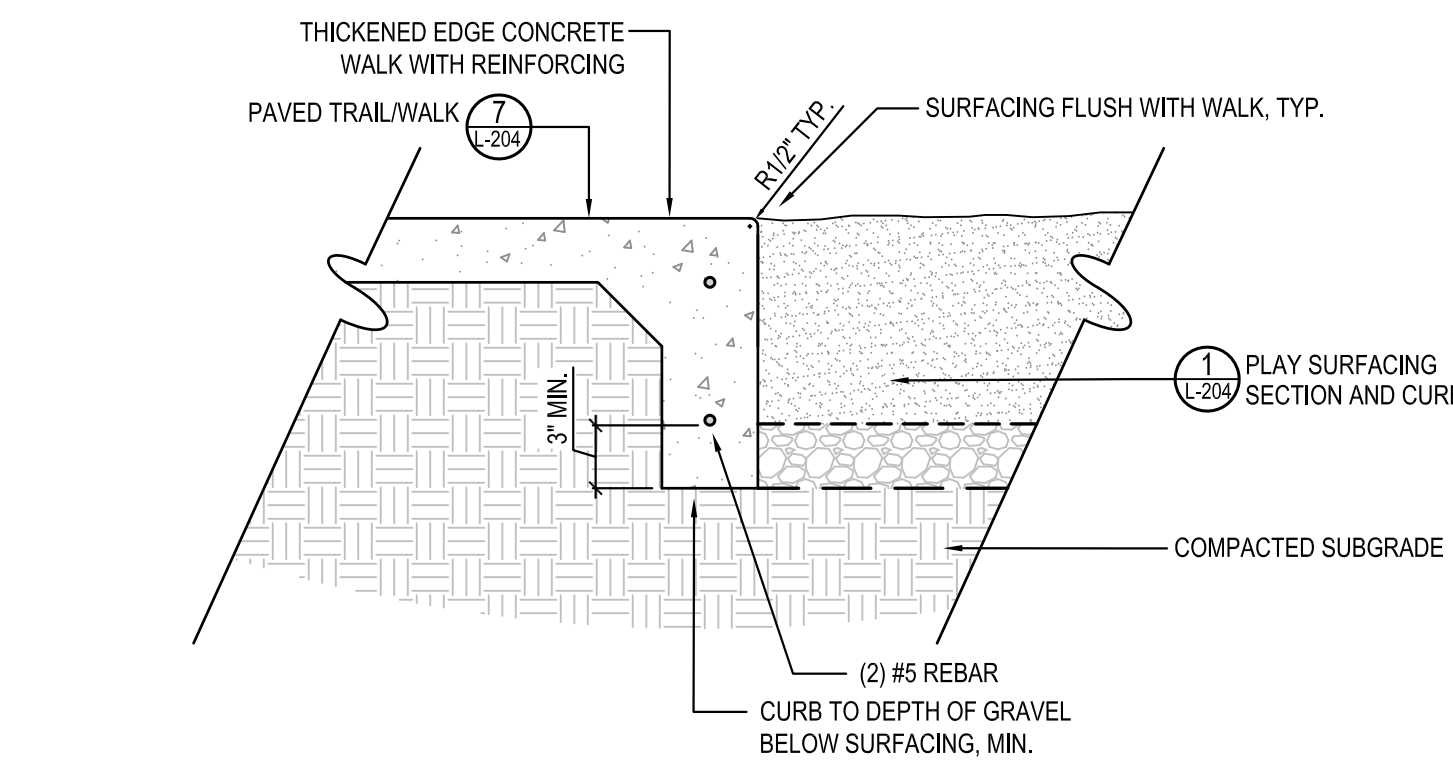
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HARDSCAPE DETAILS

SHEET NUMBER:
L-204

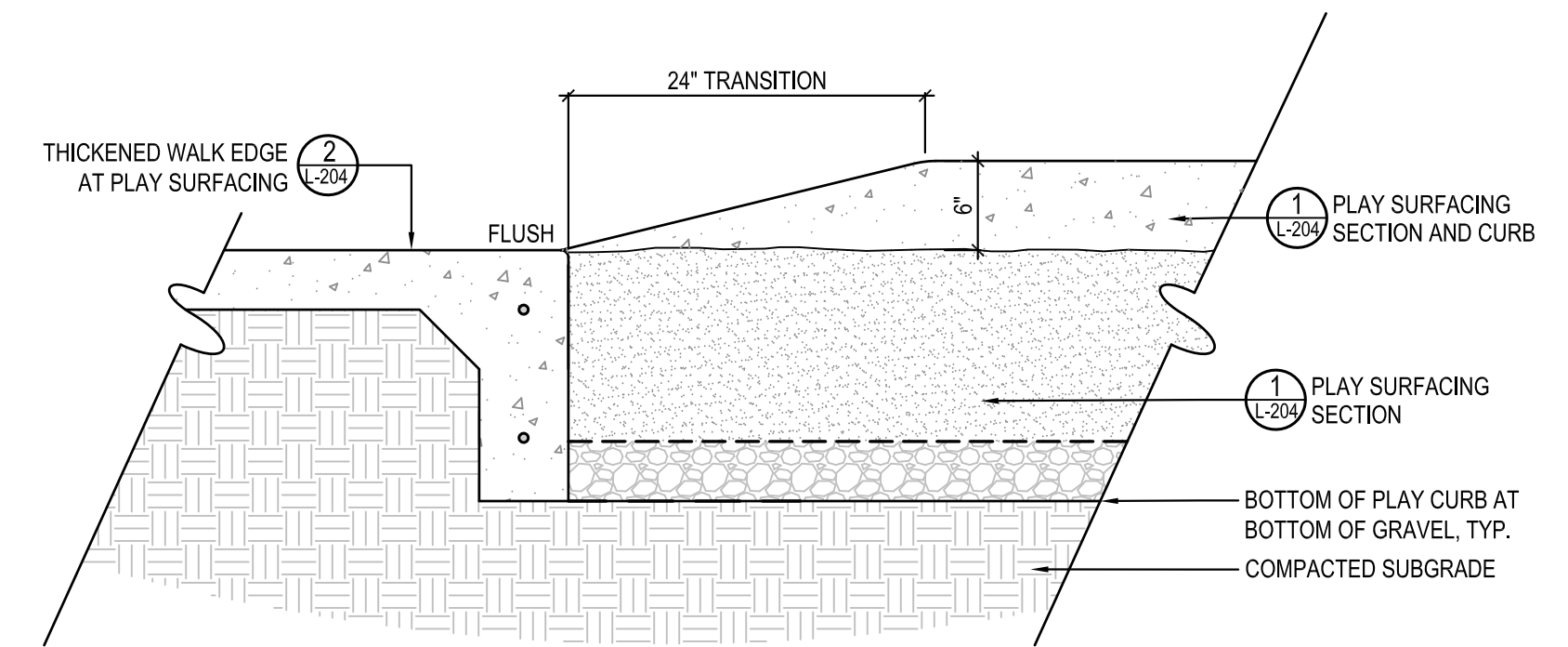
- NOTE:
1. ENSURE AREAS DRAIN WELL BEFORE INSTALLING SURFACING.
2. COMPACT STONE BELOW PLAY SURFACING.
3. SEE GRADING PLAN FOR CURB HEIGHT ABOVE SURFACING AND ADJACENT GRADES.
4. LIGHT BROOM FINISH.
5. SAW CUT CONTROL JOINTS EVENLY SPACED EVERY 5'-10" ON CENTER.



1 PLAY SURFACING SECTION AND CURB
SCALE: 1" = 1'-0"

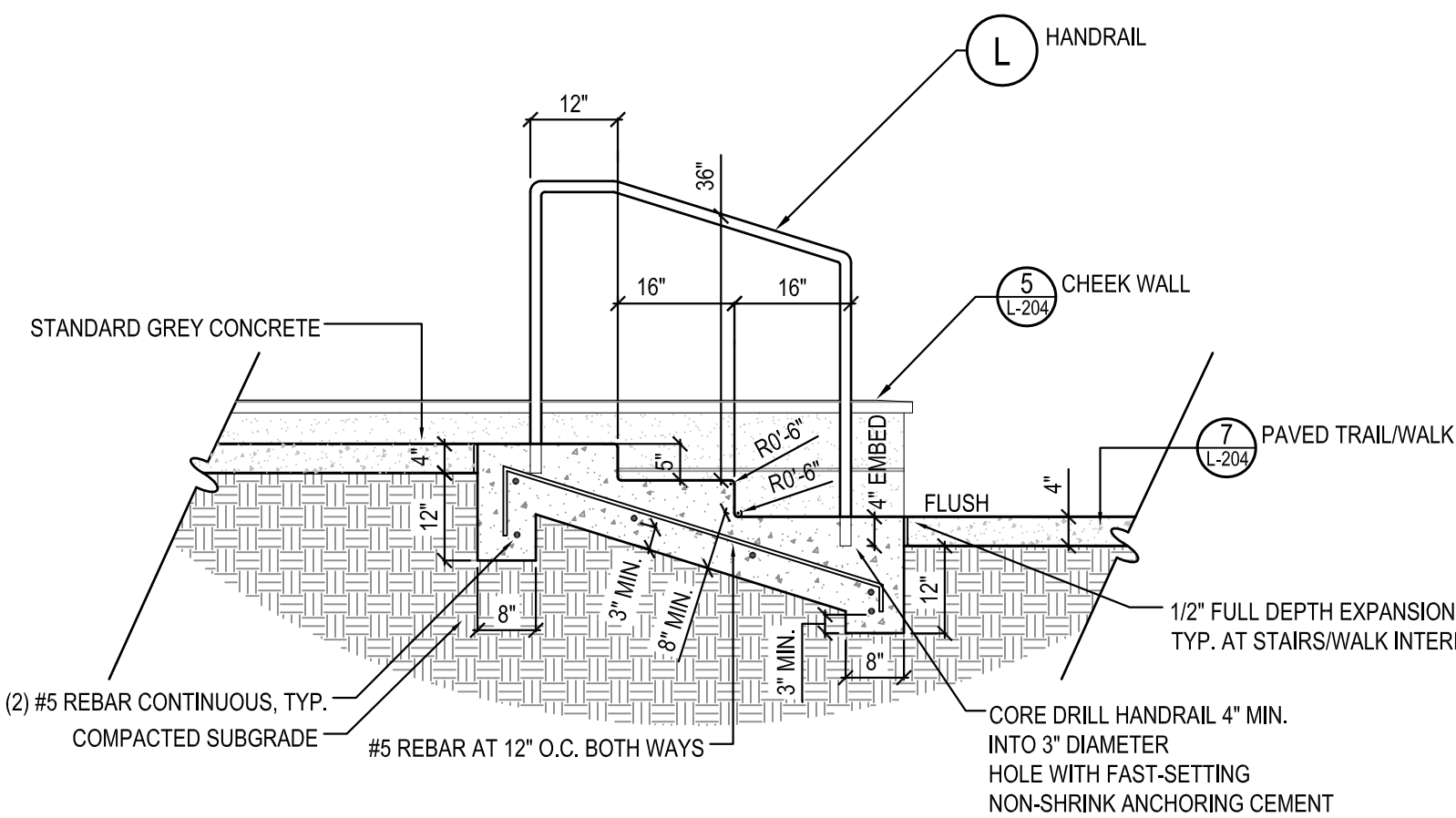


2 THICKENED WALK EDGE AT PLAY SURFACING
SCALE: 1" = 1'-0"

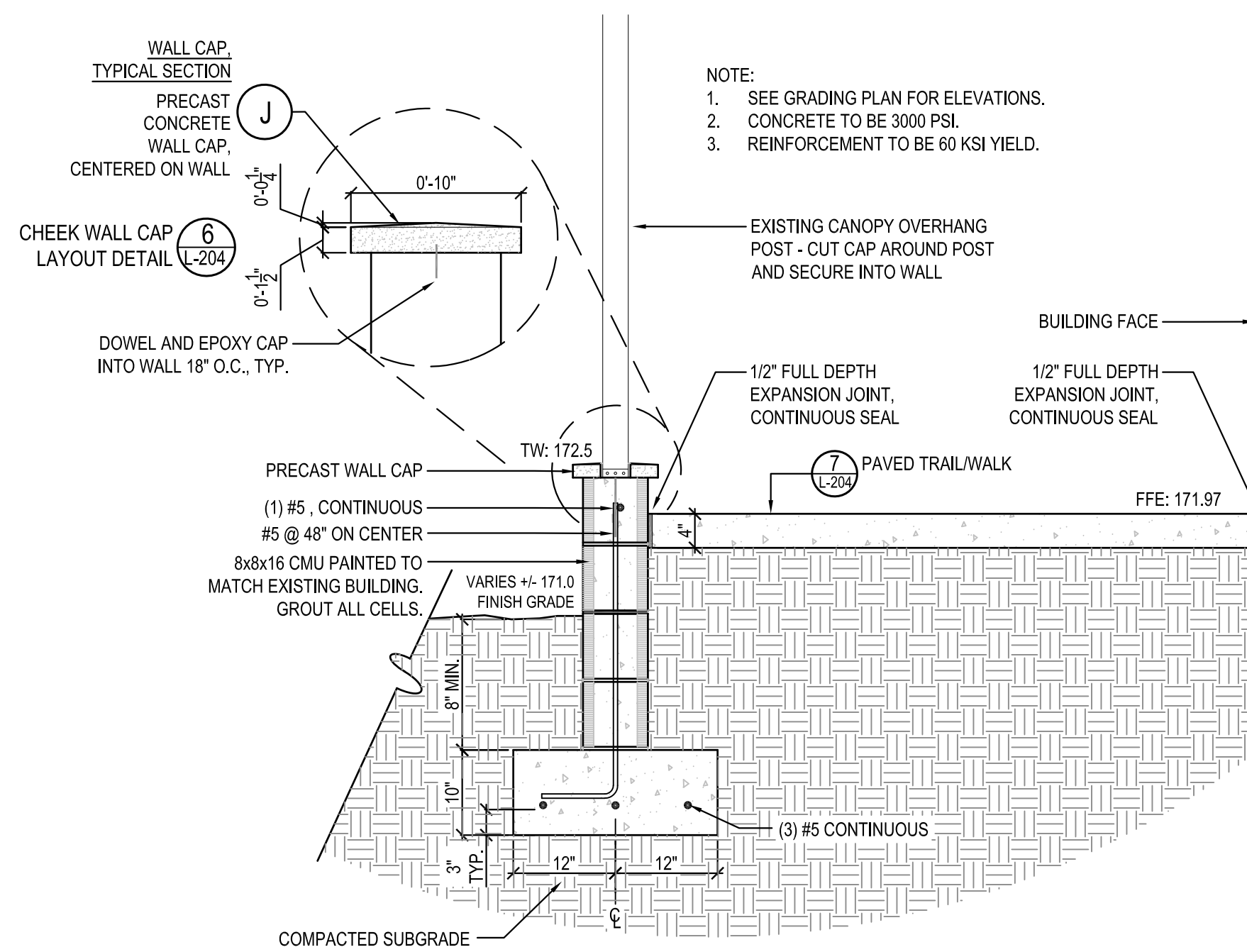


3 CURB TRANSITION AT PLAY SURFACING
SCALE: 1" = 1'-0"

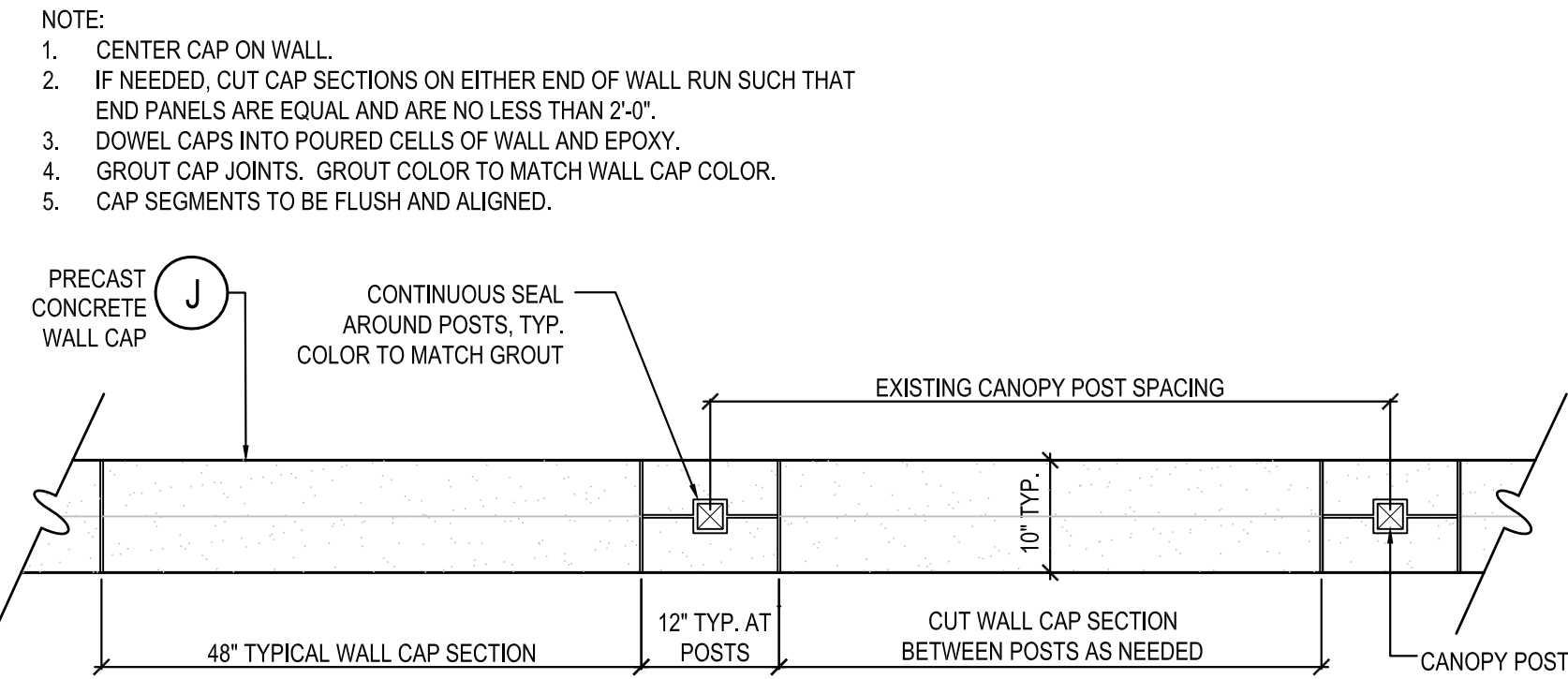
- NOTE:
1. SEE GRADING PLAN FOR ELEVATIONS.
2. CONCRETE TO BE 3000 PSI.
3. HANDRAIL CLEARANCE FROM ADJACENT WALLS TO BE 1/2" MIN. - 2 1/2" MAX.



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

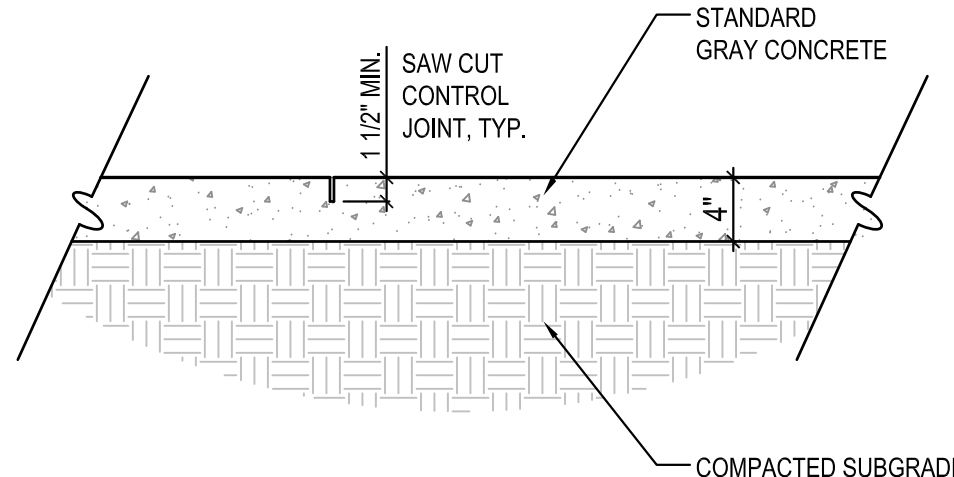


5 CHEEK WALL
SCALE: 3/4" = 1'-0"

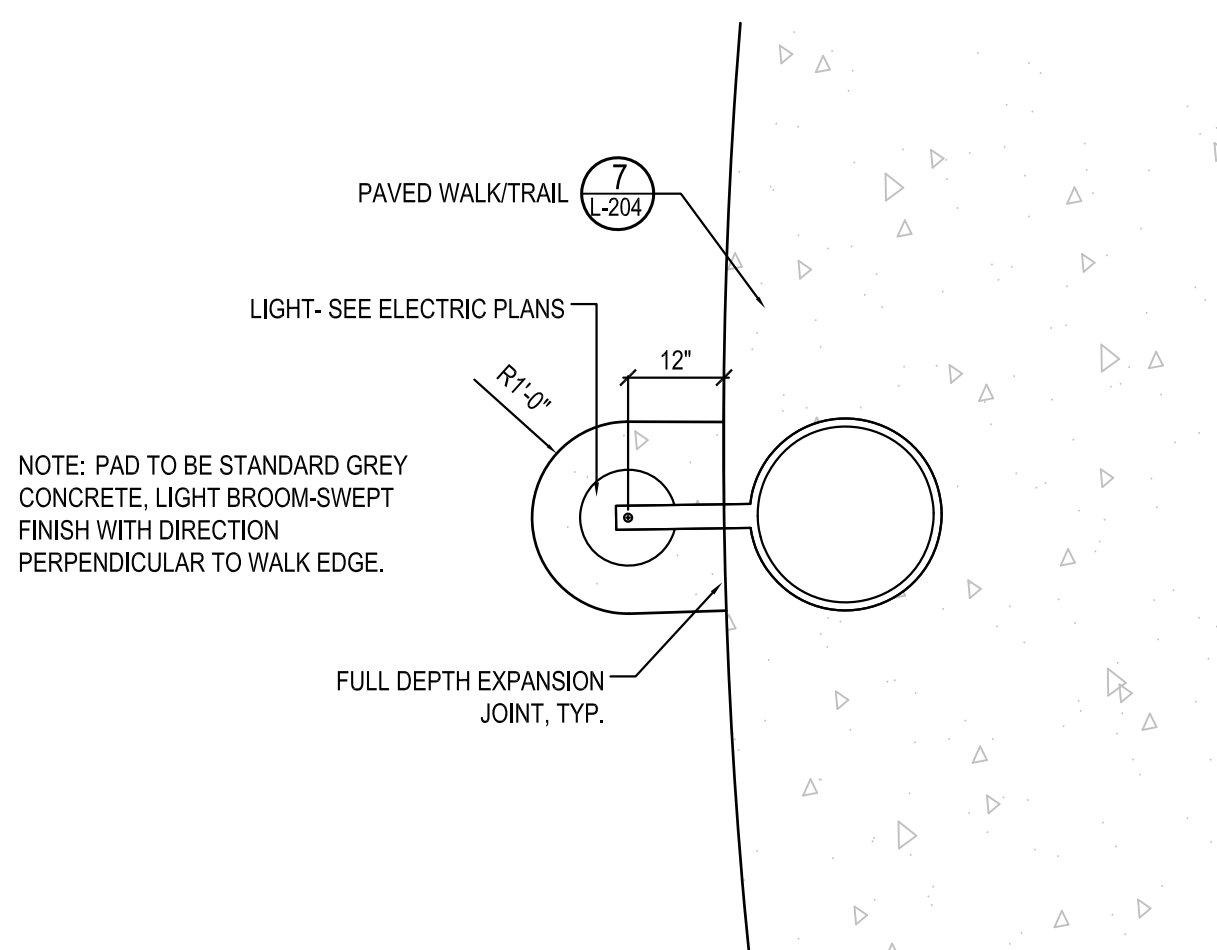


6 CHEEK WALL CAP LAYOUT
SCALE: 3/4" = 1'-0"

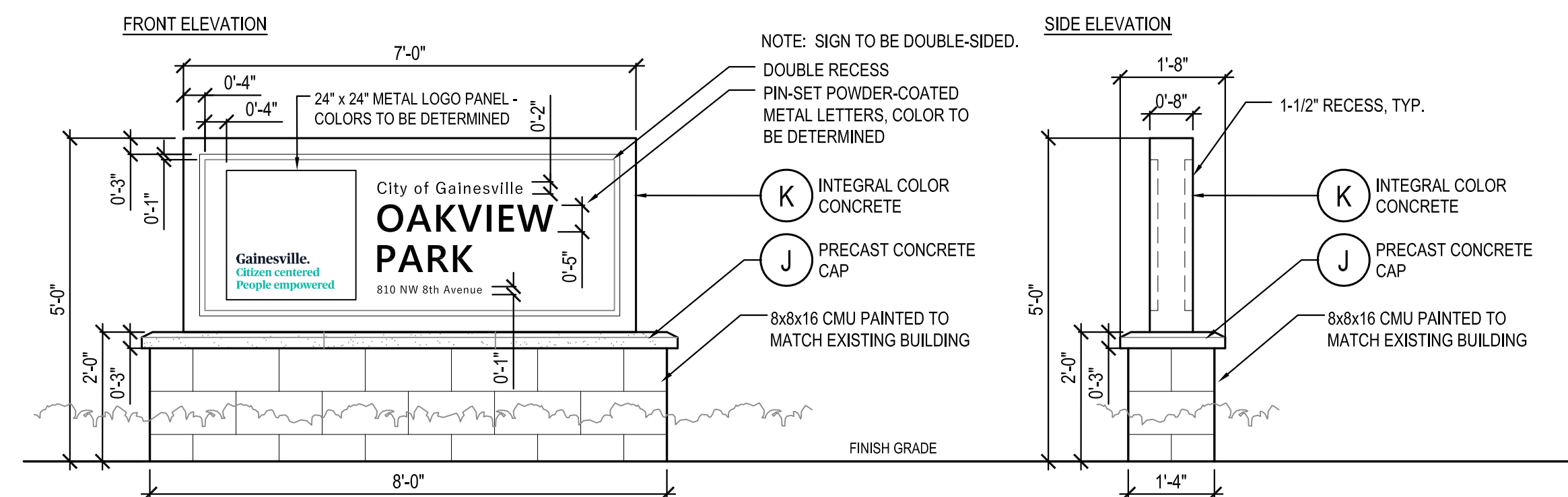
- NOTE:
1. WALKS TO BE LIGHT BROOM-SWEPT FINISH, DIRECTION PERPENDICULAR TO DIRECTION OF TRAVEL.
2. CONTROL JOINTS TO BE ON CENTER AT THE WIDTH OF WALK OR AS SHOWN IN PLANS. SAW CUT AND TO DEPTH AS SHOWN.
3. EXPANSION JOINTS TO BE NO MORE THAN 30' ON CENTER AND LOCATED AS SHOWN IN PLANS. EXPANSION JOINTS TO BE 1/2\"/>



7 PAVED TRAIL/WALK
SCALE: 1" = 1'-0"



8 LIGHT PAD
SCALE: 1/2" = 1'-0"



9 MONUMENT SIGN
SCALE: 1/2" = 1'-0"

PLOTDATE: 02/25/2019 1:50 AM USER: ELISABETH MANLEY FILENAME: C:\USERS\ELISABETH MANLEY\BOX\PROJECT\2018\18-050 KIWANIS GIRL SCOUT PARK CDS - WSPP\04_PRODUCTION\04_CDS\2019-02-22_90%_01_SHEETS\VOSP-HS_DETAILS.rvt

NOT FOR CONSTRUCTION



(A)
(B)

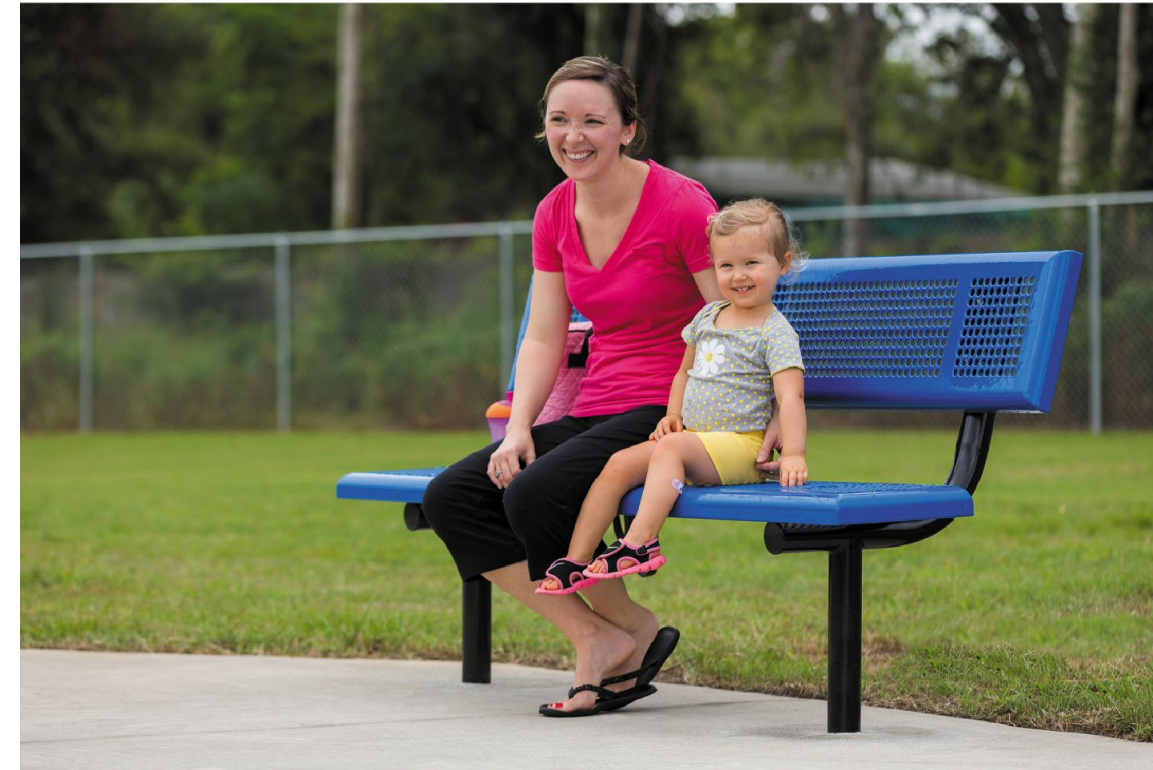
1 PICNIC PAVILION
SCALE: N.T.S.



(C)

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

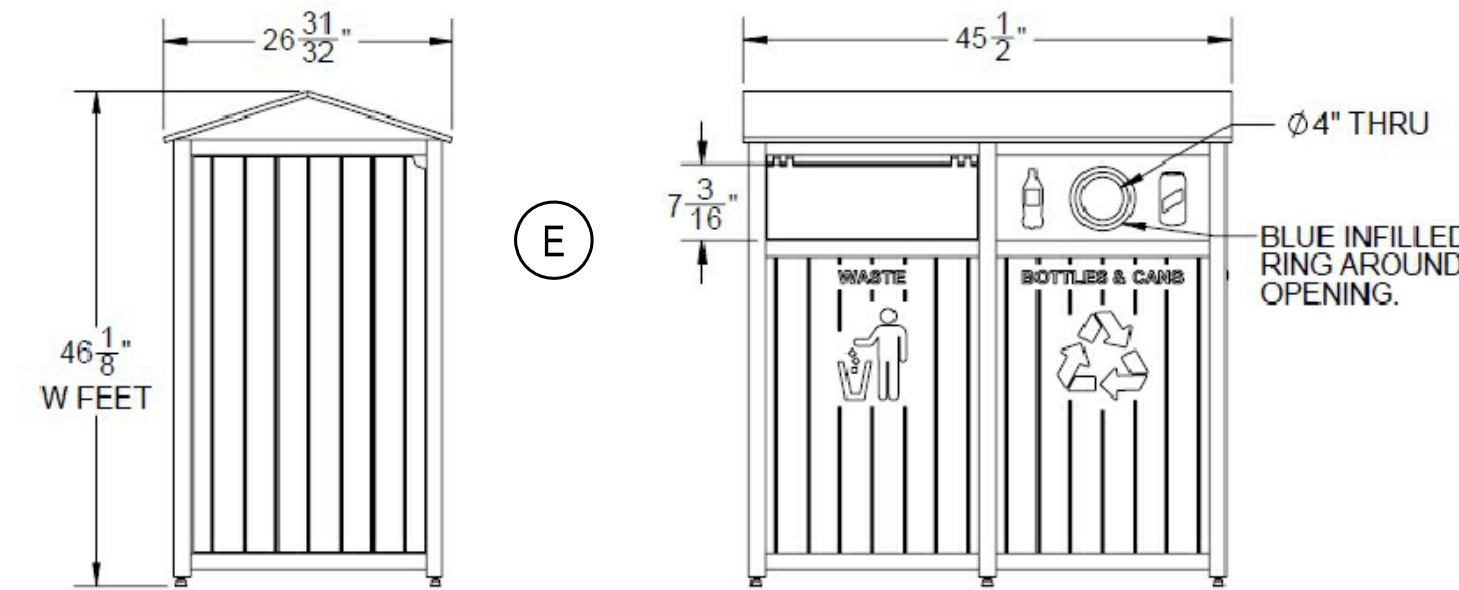
2 BBQ GRILL
SCALE: N.T.S.



(D)

3 BENCH
SCALE: N.T.S.

NOTE: MOUNT EACH RECEPTACLE ON A 3' x 4' 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.



(F)

5 DOG WASTE STATION
SCALE: N.T.S.



(G)

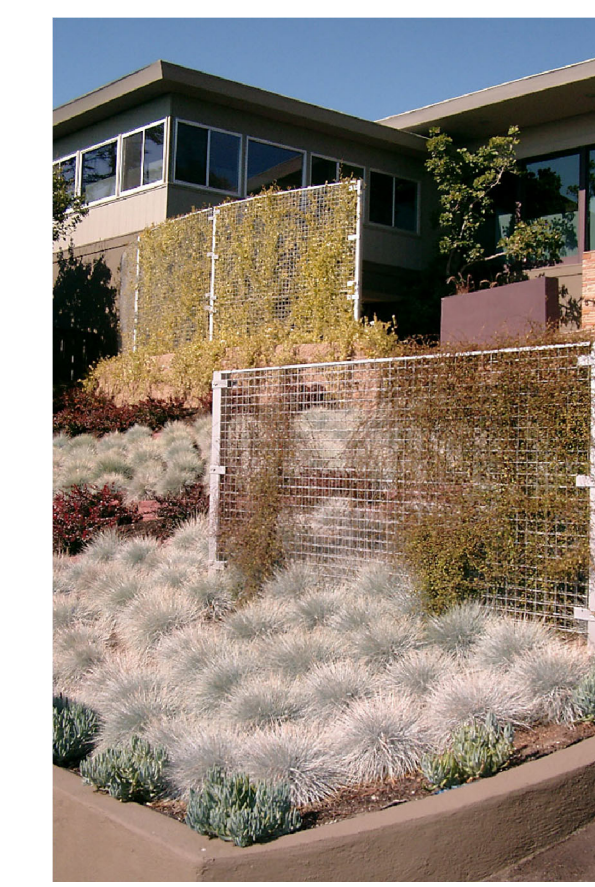
6 BIKE RACKS
SCALE: N.T.S.

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@REPSERVICES.COM
(B)	PICNIC TABLE (Total Qty. 2)	PRODUCT: ULTRA PLAY 238 SERIES ACCESSIBLE PICNIC TABLE, 6' FINISH: STANDARD PLASTISOL 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@REPSERVICES.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 580ISM 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@REPSERVICES.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



(I)

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 FACADE IN THE FIELD WITH THE OWNER PRIOR TO INSTALLATION.

7 GREEN SCREEN
SCALE: N.T.S.

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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

SEAL:

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

ISSUED DATE: 25 FEB 2019

REVISIONS:

SCALE:

SHEET TITLE:
HARDSCAPE DETAILS AND FINISH SCHEDULE

SHEET NUMBER:
L-205

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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
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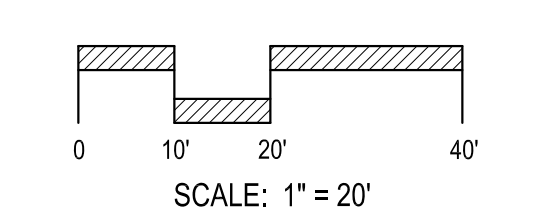
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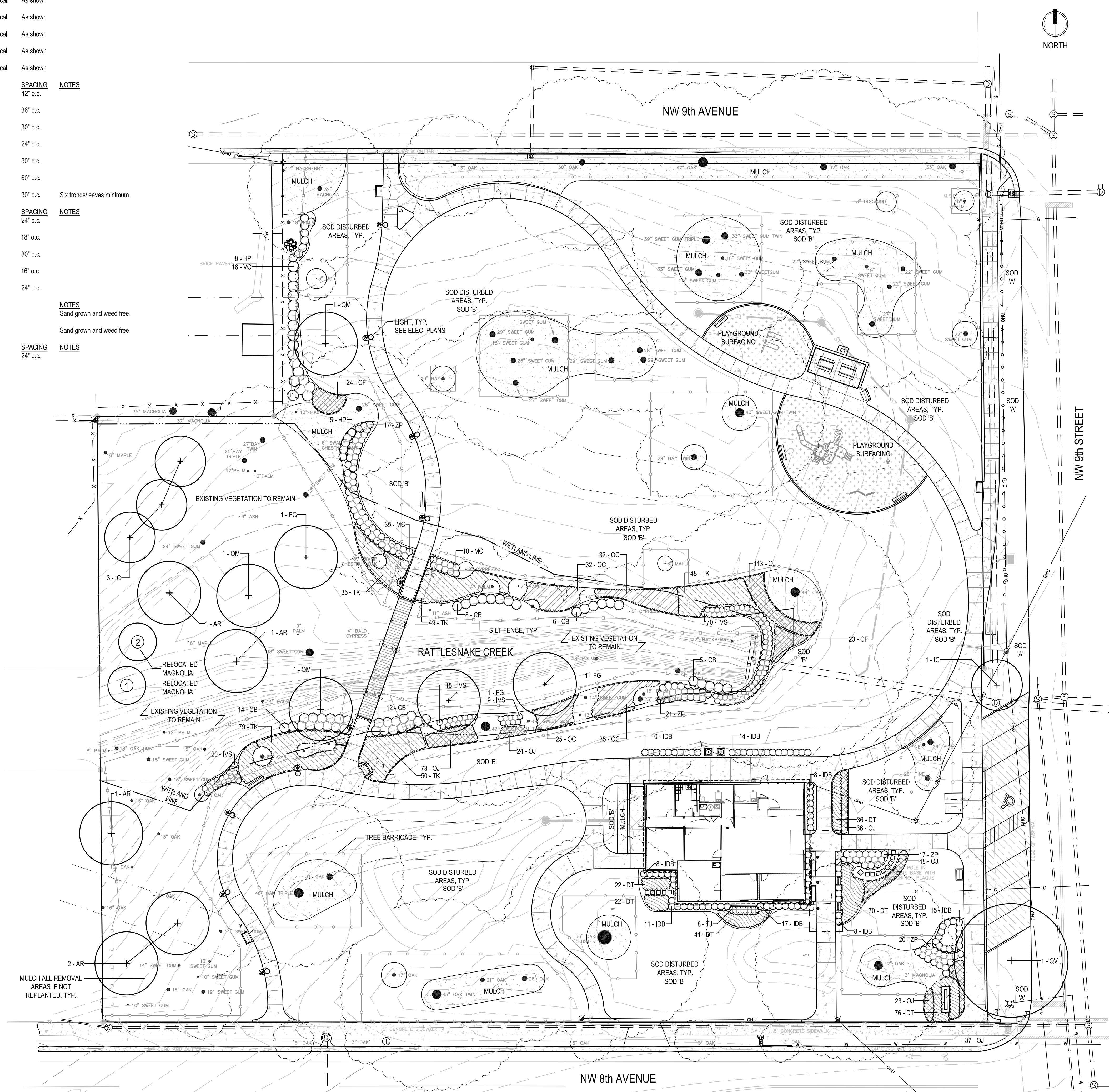
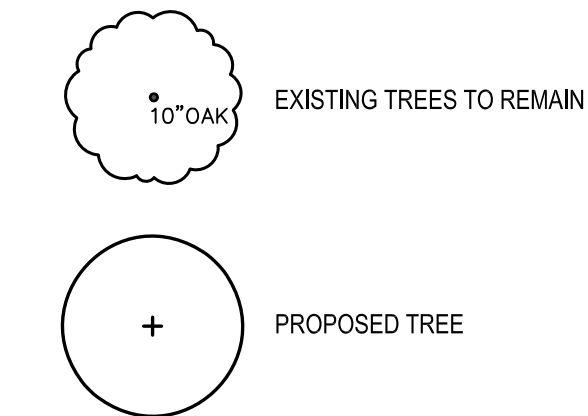
SHEET TITLE:
LANDSCAPE PLAN

SHEET NUMBER:
L-301

PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
AR	Acer rubrum 'Florida Flame'	Florida Flame Red Maple	30 gal., 11' ht. x 48" sprd., 2" cal.	As shown	
FG	Fraxinus pennsylvanica	Green Ash	30 gal., 11' ht. x 48" sprd., 2" cal.	As shown	
IC	Ilex cassine	Dahoon Holly	30 gal., 10' ht. x 36" sprd., 2" cal.	As shown	
QM	Quercus michauxii	Swamp Chestnut Oak	30 gal., 11' ht. x 48" sprd., 2" cal.	As shown	
QV	Quercus virginiana	Southern Live Oak	30 gal., 11' ht. x 48" sprd., 2" cal.	As shown	
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
CB	Callicarpa americana	American Beautyberry	3 gal., 24" ht. x 24" sprd.	42" o.c.	
HP	Hamelia patens	Fire Bush	3 gal., 24" ht. x 24" sprd.	36" o.c.	
IDB	Ilex comuta 'Dwarf Burford'	Dwarf Burford Holly	3 gal., 24" ht. x 18" sprd.	30" o.c.	
IVS	Ilex vomitoria 'Schillings Dwarf'	Dwarf Schillings Holly	3 gal., 12" ht. x 12" sprd.	24" o.c.	
MC	Muhlenbergia capillaris	Pink Muhly	3 gal., 24" ht., full	30" o.c.	
VO	Viburnum obovatum	Walter's Viburnum	15 gal., 48" ht. x 24" spr.	60" o.c.	
ZP	Zamia pumila	Coontie	3 gal., 15" ht. x 15" sprd.	30" o.c.	Six fronds/leaves minimum
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
CF	Cyrtium falcatum	Holly Fern	1 gal., min 6 fronds	24" o.c.	
DT	Dianella tasmanica 'Variegata'	Flax Lily	1 gal., 6" ht. x 12" sprd.	18" o.c.	
OC	Osmunda cinnamomea	Cinnamon Fern	1 gal., 18" ht., full	30" o.c.	
OJ	Ophiopogon japonicus	Mondo Grass	4" pot, 6" ht. x 6" sprd., full	16" o.c.	
TK	Thelypteris kunthii	Southern Shield Fern	1 gal., 12" ht. x 12" sprd., full	24" o.c.	
SOD/SEED	BOTANICAL NAME	COMMON NAME	SIZE	NOTES	
SOD 'A'	Paspalum notatum 'Argentine'	Bahia Grass	sod	Sand grown and weed free	
SOD 'B'	Stenotaphrum secundatum 'Bitter Blue'	Bitter Blue St. Augustine Grass	Sod	Sand grown and weed free	
VINES	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
TJ	Trachelospermum jasminoides 'Confederate'	Confederate Jasmine	1 gal., 18" ht., full	24" o.c.	

LEGEND



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KIWANIS GIRL SCOUT PARK IMPROVEMENTS

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SCALE:

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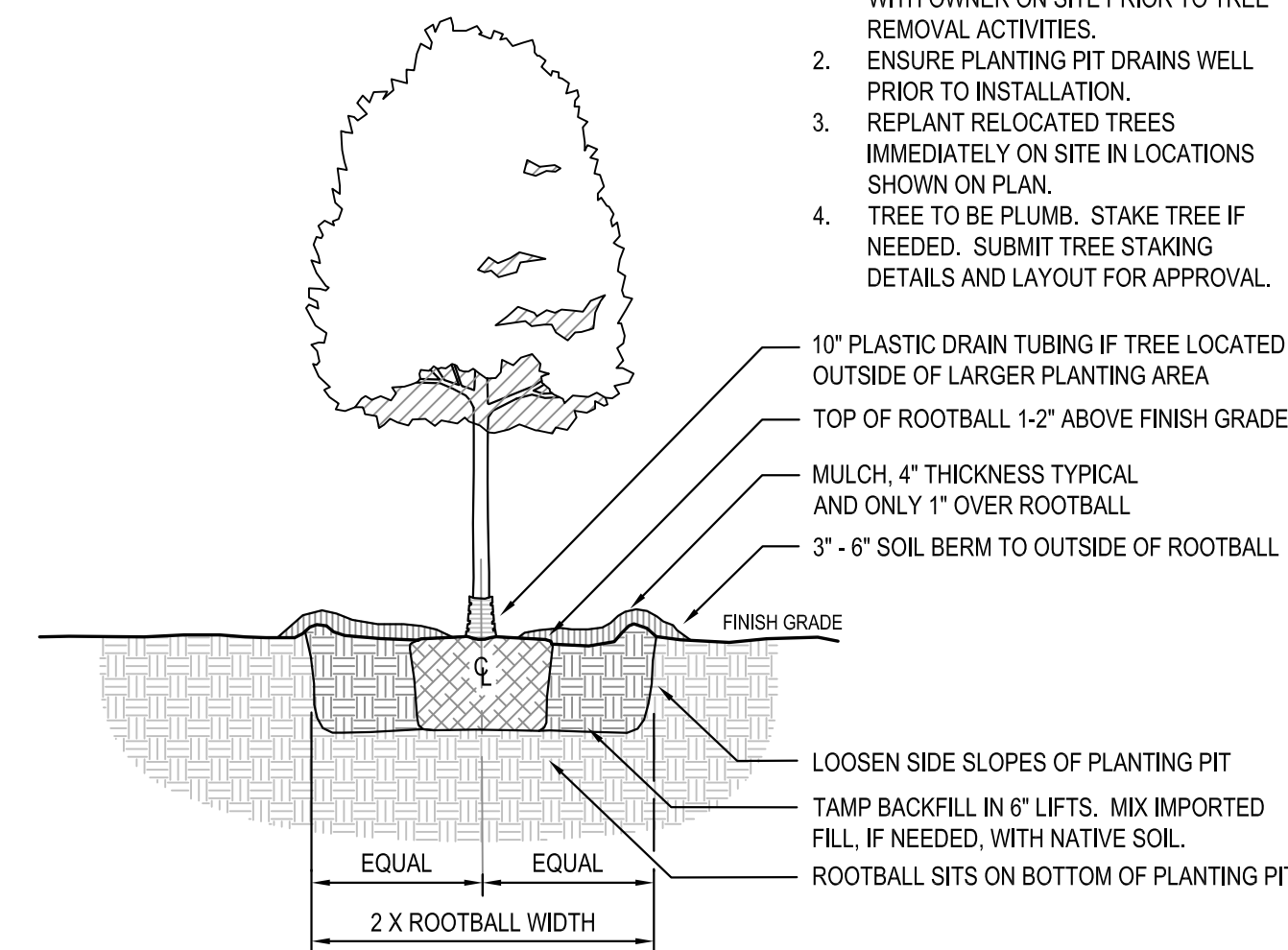
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LANDSCAPE NOTES AND DETAILS

SHEET NUMBER:
L-302

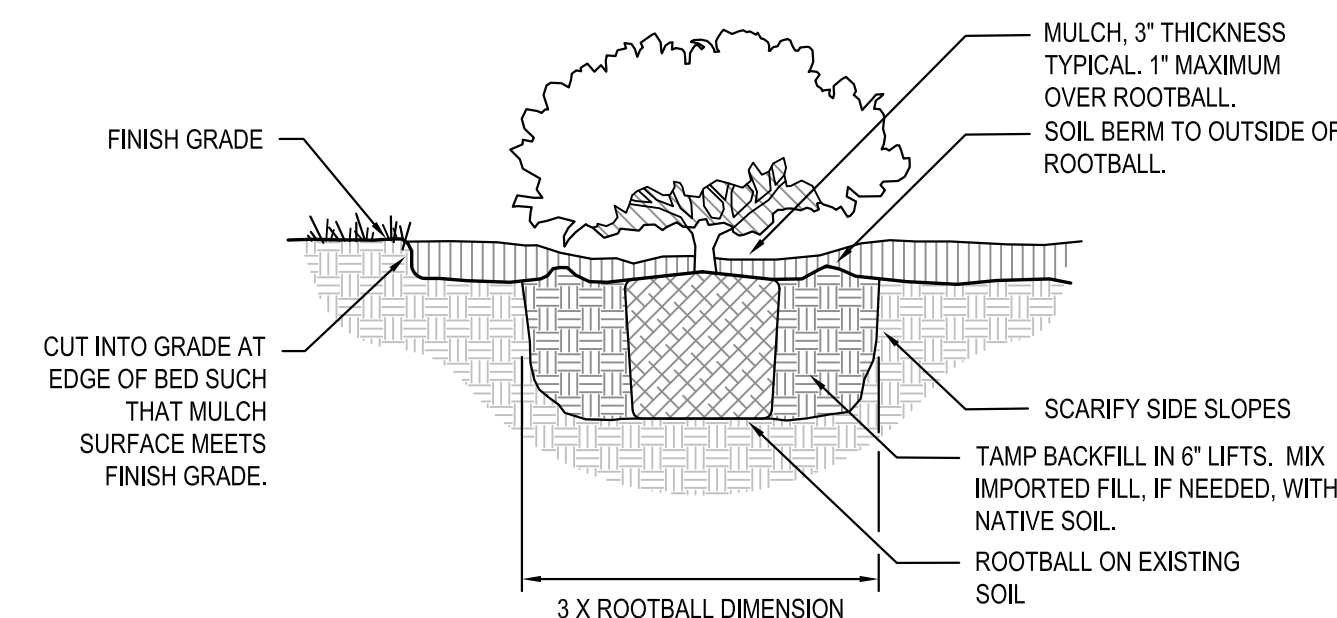
LANDSCAPE NOTES

- PRE-CONSTRUCTION MEETING:** CONTACT THE CITY OF GAINESVILLE URBAN FORESTRY INSPECTOR AT 352-334-5023 TO SCHEDULE A TREE BARRICADE INSPECTION AND TO REVIEW PROPOSED LANDSCAPE MATERIALS BEFORE BEGINNING ANY CLEARING, SITE WORK, OR INSTALLATION ACTIVITIES. CONTACT A MINIMUM OF THREE DAYS PRIOR TO REQUESTED MEETING DATE.
- EXISTING TREE PROTECTION:** PROTECTIVE BARRIERS SHALL BE CONSTRUCTED AS INDICATED IN DEMOLITION PLANS TO PREVENT THE DESTRUCTION OR DAMAGING OF REGULATED TREES THAT ARE LOCATED WITHIN 50 FEET OF ANY CONSTRUCTION ACTIVITY OR STORAGE OF EQUIPMENT AND MATERIALS. PROTECTED TREES SHALL INCLUDE THOSE TREES THAT HAVE NOT BEEN PERMITTED NOR DESIGNATED FOR REMOVAL AS SHOWN IN DEMOLITION PLANS BY EITHER THE TERMS OF THE PERMIT OR APPROVED DEVELOPMENT ORDER. PROTECTIVE BARRIERS SHALL BE PLAINLY VISIBLE AND SHALL CREATE A CONTINUOUS BOUNDARY AROUND TREES OR VEGETATION CLUSTERS IN ORDER TO PREVENT ENCROACHMENT BY MACHINERY, VEHICLES, OR STORED MATERIALS. BARRIERS SHALL BE INSPECTED BY THE URBAN FORESTRY INSPECTOR PRIOR TO PROCEEDING WITH SITE WORK. SEE TREE PROTECTION DETAILS FOR SPECIFIC REQUIREMENTS FOR BOTH REGULATED TREES AND HIGH-QUALITY, HERITAGE TREES.
- EXISTING UTILITIES:** LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK. CALL SUNSHINE STATE ONE CALL - SEE LOGO.
- INVASIVE SPECIES:** REMOVE INVASIVE, NONNATIVE PLANT SPECIES AS LISTED ON THE FLORIDA PROHIBITED AQUATIC PLANTS LIST OR THE FLORIDA NOXIOUS WEED LIST FROM THE SITE PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY. 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. SEE SHEET L-104 INVASIVE NONNATIVE VEGETATION REMOVAL PLAN FOR ADDITIONAL REQUIREMENTS.
- PLANTING PREPARATION:** REMOVE ALL CONSTRUCTION DEBRIS, LIMEROCK, GRAVEL, ROAD BEDDING, LITTER, AND OTHER ITEMS POTENTIALLY DAMAGING TO PLANT GROWTH WITHIN PROPOSED LANDSCAPE AND TURF AREAS PRIOR TO PLANTING. MAINTAIN EXISTING GRADES UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. IF FILL IS REQUIRED, USE A CLEAN, SANDY LOAM WITH PH 5.5-6.5 AND EXCAVATED FROM LOCAL SOURCES AND DEEP PITS SUCH THAT IT IS FREE OF WEEDS, SEEDS, LITTER, TOXINS, AND OTHER ITEMS HARMFUL TO PLANTINGS.
- PRUNING:** IF TREE OR ROOT PRUNING IS REQUIRED, THESE ACTIVITIES SHALL BE PERFORMED BY AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA). TREE PRUNING SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS "TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE" (ANSI A300) AND "PRUNING, TRIMMING, REPAIRING, MAINTAINING, AND REMOVING TREES, AND CUTTING BRUSH—SAFETY REQUIREMENTS" (ANSI Z133). NO MORE THAN 25 PERCENT OF THE CROWN SHOULD BE REMOVED AT ONE TIME. ON YOUNG TREES, LIMB REMOVAL SHALL LEAVE NO MORE THAN 33 PERCENT OF THE TRUNK BARE OF BRANCHES.
- MINIMUM PLANTING AREA:** A MINIMUM ROOTZONE VOLUME OF 700 CUBIC FEET SHALL BE PROVIDED FOR STREET TREES. IF STREET TREES SHARE A ROOTZONE, VOLUME SHALL BE A MINIMUM OF 550 CUBIC FEET. ALL OTHER REQUIRED SHADE TREES SHALL BE HAVE A MINIMUM OF 420 CUBIC FEET OF ROOTZONE VOLUME. PROVIDE A MINIMUM THREE FOOT DEEP PLANTING DEPTH FOR ALL PROPOSED PLANTING AND TURF AREAS.
- PLANT MATERIAL, GENERAL:** ALL PLANT MATERIALS SHALL MEET FLORIDA NUMBER 1' REQUIREMENTS AS PER THE MOST CURRENT EDITION OF FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS', FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- RELOCATED TREES:** TREES SHOWN TO BE RELOCATED WERE REQUIRED WITHIN A PREVIOUS DEVELOPMENT ORDER. RELOCATE OR PLANT NEW TREES TO REPLACE. RELOCATION PROCEDURES SHALL BE DIRECTED BY AN ISA-CERTIFIED ARBORIST. IF NEW TREES ARE PROPOSED, THEN TREES TO BE A MINIMUM OF SEVEN FEET TALL AND HAVE A MINIMUM TRUNK CALIPER OF TWO INCHES. TREES SHALL BE IN 30-GALLON MINIMUM CONTAINERS OR, IF FIELD GROWN, HAVE A MINIMUM ROOTBALL DIAMETER OF 28 INCHES. NEW TREES LOCATED OUTSIDE OF LARGER PLANTING AREAS TO HAVE 10" OF PLASTIC DRAIN TUBING INSTALLED AROUND THE BASE OF THEIR TRUNK TO PROTECT FROM MOWER AND STRING TRIMMER IMPACTS.
- NEW TREE STAKING:** IF NECESSARY TO MAINTAIN TREES PLUMB, TREES SHALL BE STAKED WITH BIODEGRADABLE STAKING MATERIALS. PROPOSED STAKING METHOD TO BE APPROVED BY URBAN FORESTRY INSPECTOR PRIOR TO INSTALLATION.
- SOD:** ALL UNPAVED AND DISTURBED AREAS OUTSIDE OF PROPOSED TREE, SHRUB, AND GROUNDCOVER PLANTINGS SHALL BE SODDED. SEE CIVIL PLANS FOR SODDING INFORMATION FOR STORMWATER FACILITIES. SOD SHALL BE SAND-GROWN, STRONGLY ROOTED, WITHOUT SYNTHETIC STABILIZING MATERIALS, FREE OF PESTS, AND CERTIFIED FREE OF NOXIOUS WEEDS BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY.
- MULCHING:** FOUR INCHES OF MULCH SHALL COVER TREE RING PLANTING AREAS AND ALL SHRUB AND GROUNDCOVER PLANTING AREAS. MULCH SHOULD BE NO DEEPER THAN ONE INCH OVER THE TOP OF TREE ROOTBALLS. USE PINE STRAW MULCH THAT IS FREE OF DEBRIS, STICKS, AND CONES.
- IRRIGATION:** AN AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR PROPOSED PLANTINGS AS SHOWN ON THE IRRIGATION PLAN - SEE SHEET L-401. IRRIGATION DESIGN SHALL PROMOTE WATER CONSERVATION METHODS AND SHALL INCLUDE TWO BUBBLERS OR MICRO-SPRAYS AT EACH NEW TREE.
- RESPONSIBILITY:** OWNER IS RESPONSIBLE FOR THE SURVIVAL OF PLANTINGS AND REMOVAL OF ALL TREE STAKING, IF INSTALLED, FOR ONE YEAR FOLLOWING RECEIPT OF CERTIFICATE OF OCCUPANCY. IF A TREE THAT IS REQUIRED FOR MITIGATION OR TO FULFILL THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE DIES OR IS SEVERELY DAMAGED, AS DETERMINED BY THE CITY MANAGER OR DESIGNEE, THEN THE TREE MUST BE REPLACED WITHIN SIX MONTHS OF THE DETERMINATION.
- TRANSPORTATION MOBILITY PROGRAM AREA:** THIS PROJECT IS LOCATED WITHIN ZONE B OF THE T.M.P.A. AS SUCH, STREET TREES ALONG NW 8th AVENUE TO BE 65-GAL. SIZE, 14'-18" HEIGHT, AND 3.5" CALIPER, MIN. SINCE THIS PROJECT IS A REDEVELOPMENT SITE, THIS PROJECT SHALL BE REQUIRED TO PLANT 50% OF THESE STREET TREES AS 65-GAL. TREES. OTHERS MAY BE THE STANDARD, 30-GAL. SIZE. EXISTING STREET TREES FULFILL THIS REQUIREMENT.

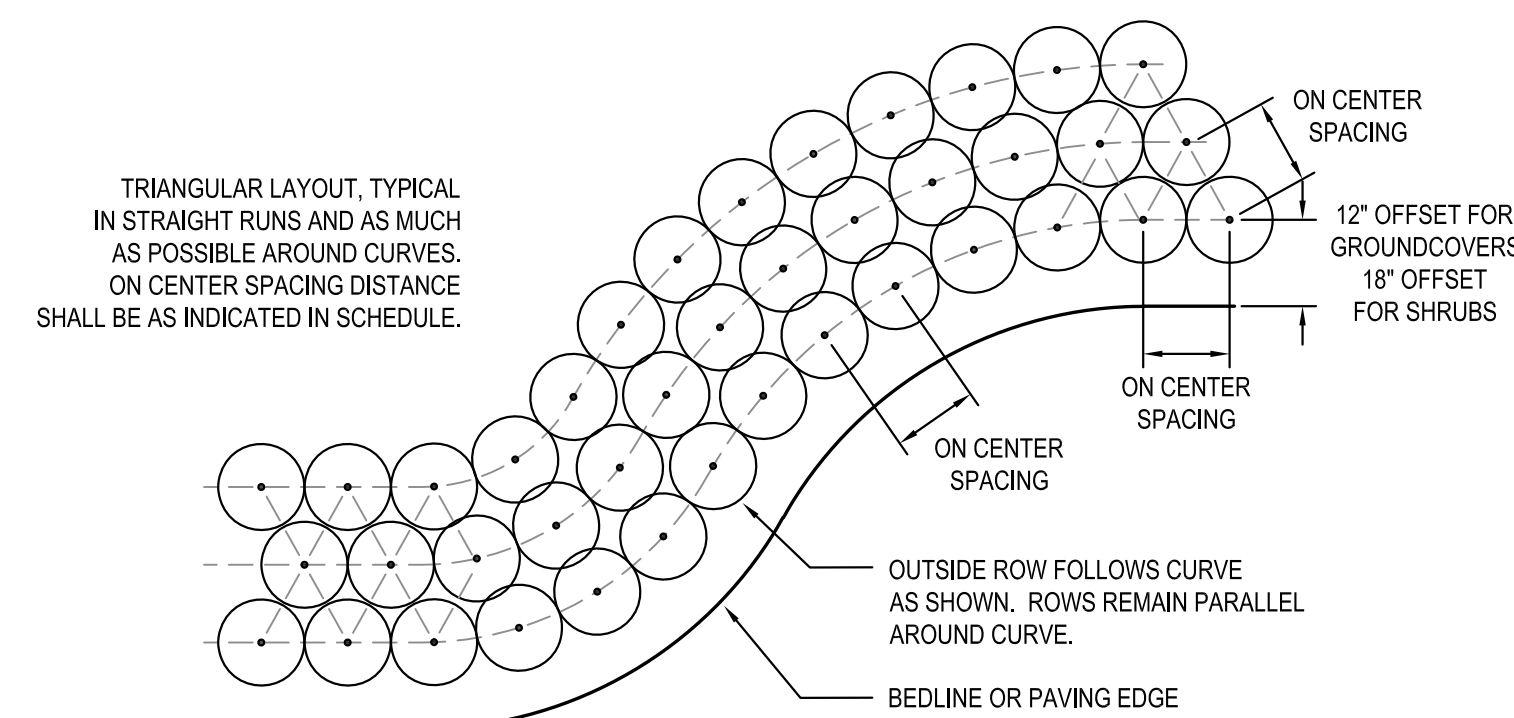
- NOTE:
- CONFIRM PROPOSED TREE LOCATION WITH OWNER ON SITE PRIOR TO TREE REMOVAL ACTIVITIES.
 - ENSURE PLANTING PIT DRAINS WELL PRIOR TO INSTALLATION.
 - REPLANT RELOCATED TREES IMMEDIATELY ON SITE IN LOCATIONS SHOWN ON PLAN.
 - TREE TO BE PLUMB. STAKE TREE IF NEEDED. SUBMIT TREE STAKING DETAILS AND LAYOUT FOR APPROVAL.



1 TREE PLANTING DETAIL
SCALE: N.T.S.



2 SHRUB AND GROUNDCOVER PLANTING DETAIL
SCALE: N.T.S.



3 SHRUB AND GROUNDCOVER LAYOUT DETAIL
SCALE: N.T.S.



KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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SCALE:

PROJECT NO: 18-050

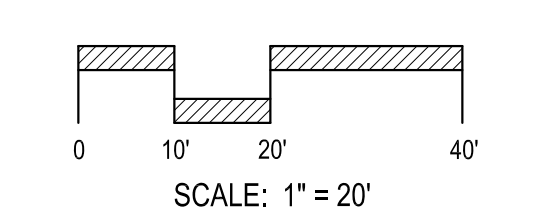
CLIENT'S NO:

ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

REVISIONS:

SCALE:



SHEET TITLE:

IRRIGATION PLAN

SHEET NUMBER:

L-401

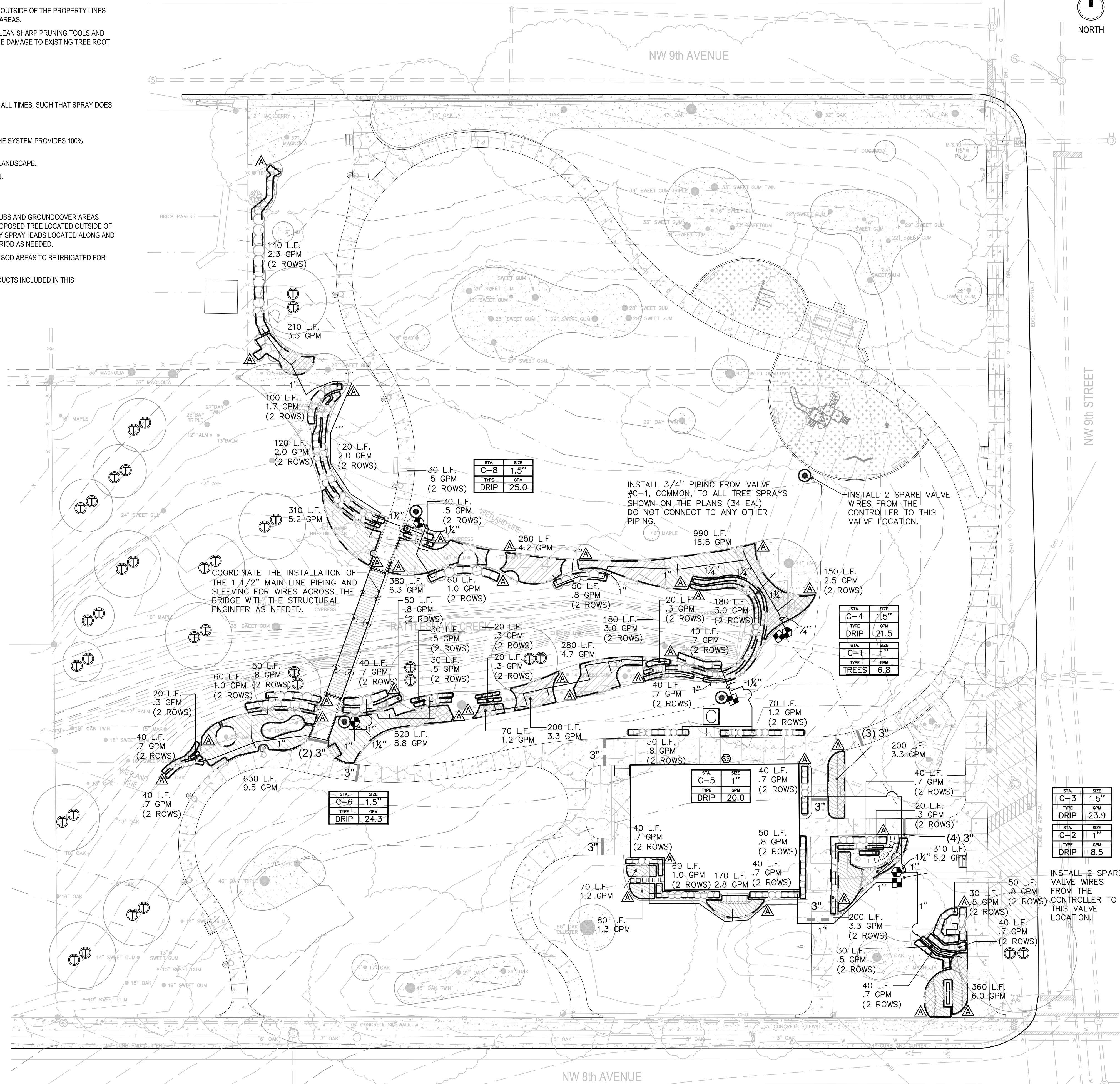
IRRIGATION NOTES

- 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 DIRECTED 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 GROUND COVER 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 GROUND COVER AREAS INSIDE OF WETLAND LINE TO BE IRRIGATED VIA OVERTHROW 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.



IRRIGATION LEGEND

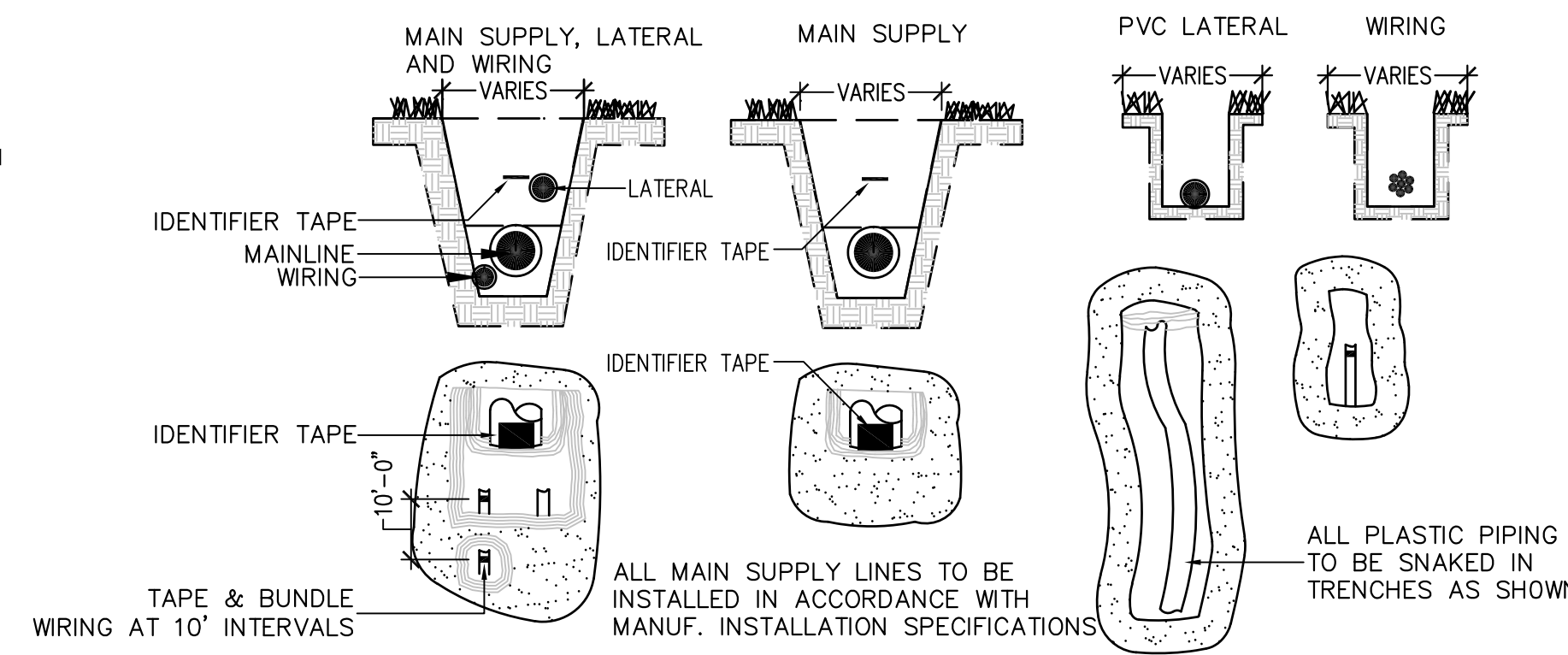
- RAIN BIRD 1804-SAM WITH 80 NOZZLE - TREES
 - LIMITS OF TORO DL2000 DRIP TUBING - RAIN BIRD XFS TUBING WITH COPPER SHIELD TECHNOLOGY IS ACCEPTABLE SUBSTITUTION. USE CORRESPONDING FITTINGS FOR DRIP APPLICATIONS.
 - LOCATION OF LINE FLUSHING VALVE, DRIP AIR VACUUM RELIEF VALVE AND RAIN BIRD OPERND
 - 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 PPE ROUTING
 - RAIN BIRD PEB-100-PRS-D 1 1/2" GLOBE VALVE
 - RAIN BIRD PEB-100-PRS-D 1" GLOBE VALVE
 - RAIN BIRD 1 1/4" LOCKING RUBBER COVER QUICK COUPLING VALVE
 - SCHEDULE 40 PVC SLEEVE LOCATION
 - HUNTER ICC-400-4M CONTROLLER WITH ONE EXTRA R2M-600 MODULE AND ACC-PEDESTAL
 - HUNTER WSS-SEN SOLAR SYNC SENSOR
- | STA. | SIZE |
|------|------|
| C-2 | 1" |
| TYPE | GPM |
| DRIP | 11.2 |



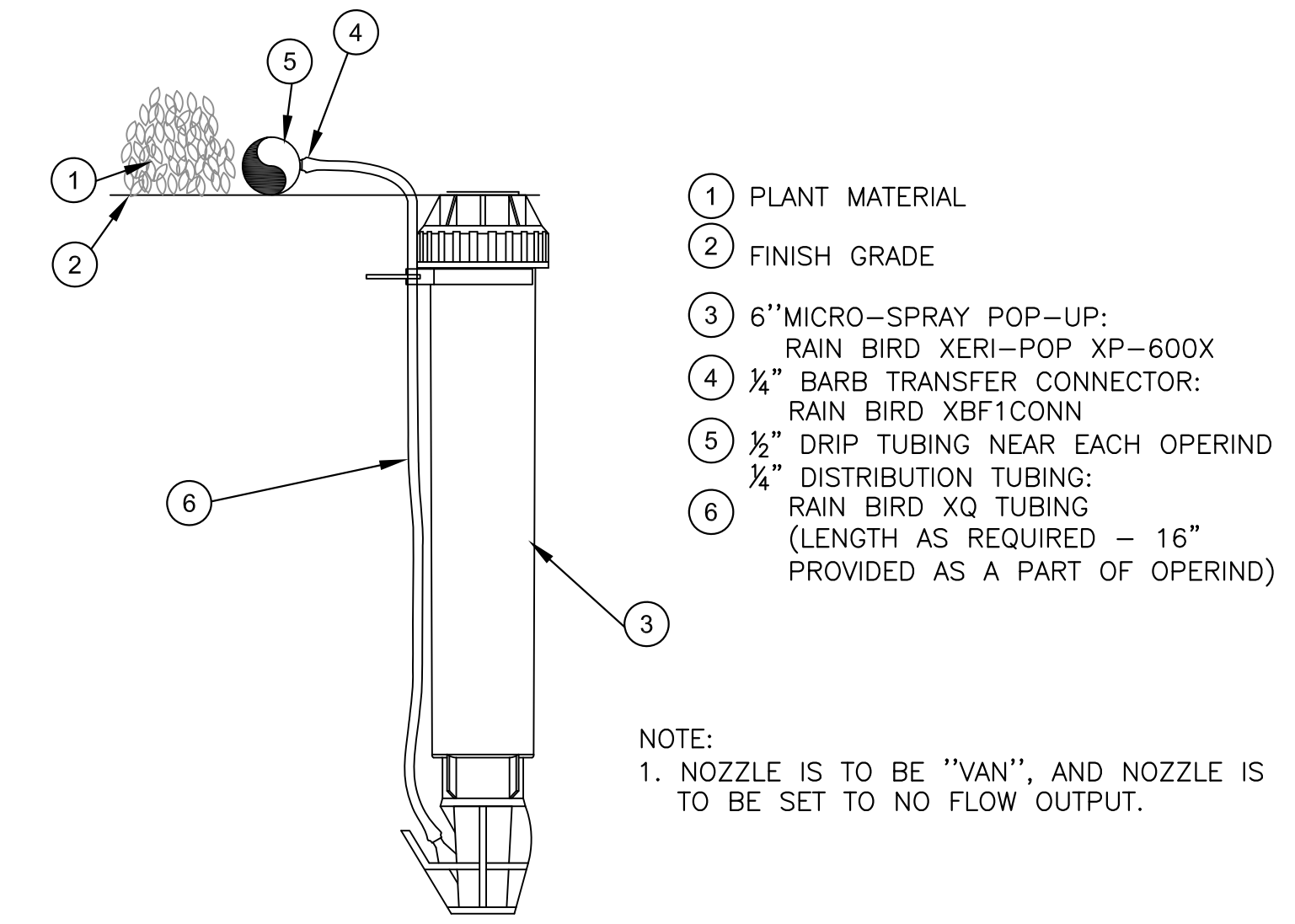
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GENERAL IRRIGATION NOTES

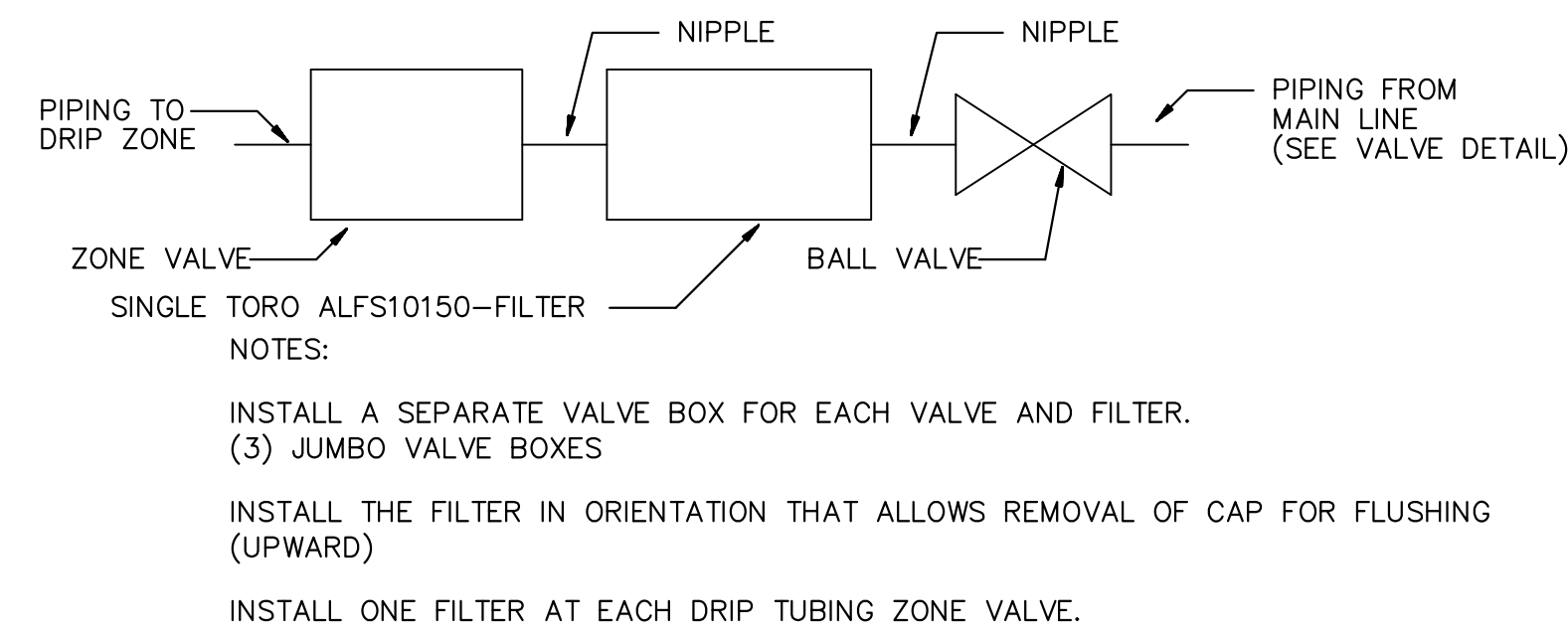
- SHRUBS AND GROUND COVER AREAS TO BE IRRIGATED WITH DRIP TUBING FOR MOST ECONOMICAL INSTALLATION.
- NO IRRIGATION TO BE INSTALLED IN DESIGNATED WETLAND AREAS.
- CONTRACTOR TO PROVIDE THE OWNER WITH TWO QUICK COUPLING KEY AND HOSE SWIVEL ASSEMBLIES TO ACCOMMODATE 1" HOSES. - (2) RAIN BIRD 55-K AND (2) RAIN BIRD SH-2 WITH TEFLON 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.



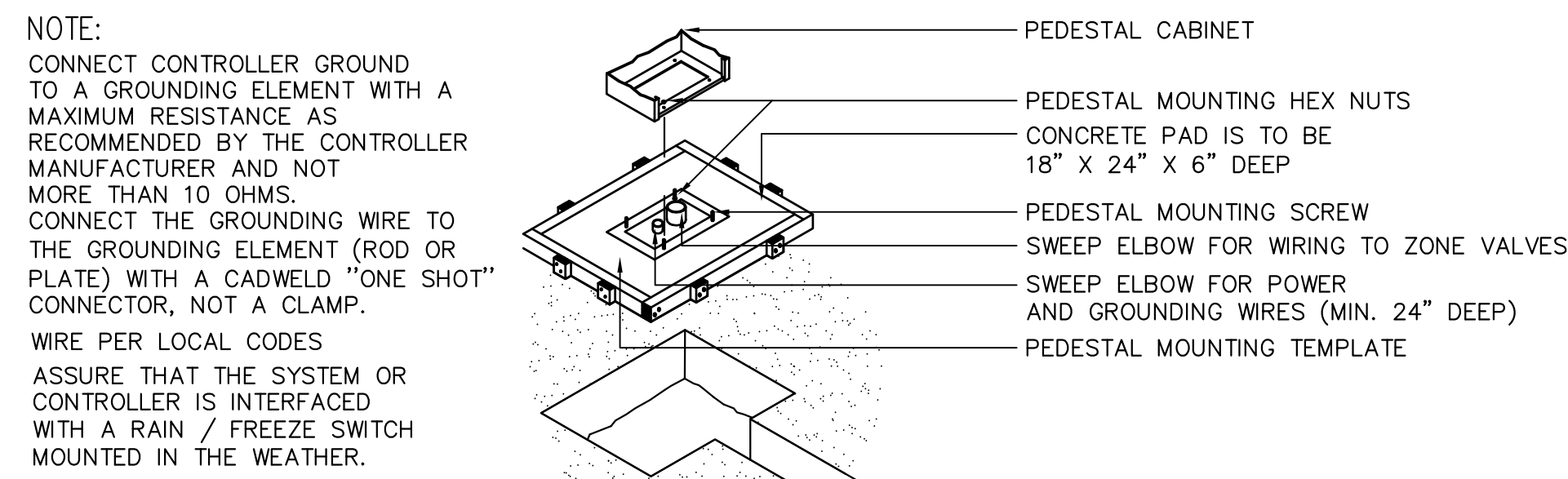
1 PIPE AND WIRE TRENCH CONFIGURATION
SCALE: N.T.S.



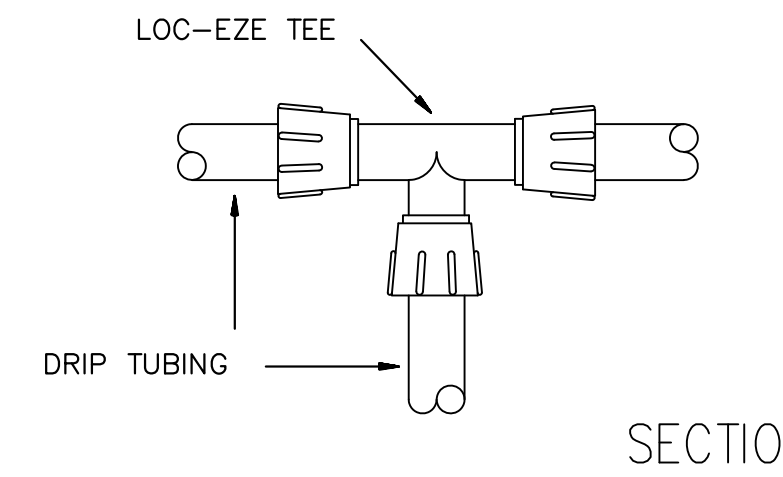
2 RAIN BIRD OPERIND CONNECTION
SCALE: N.T.S.



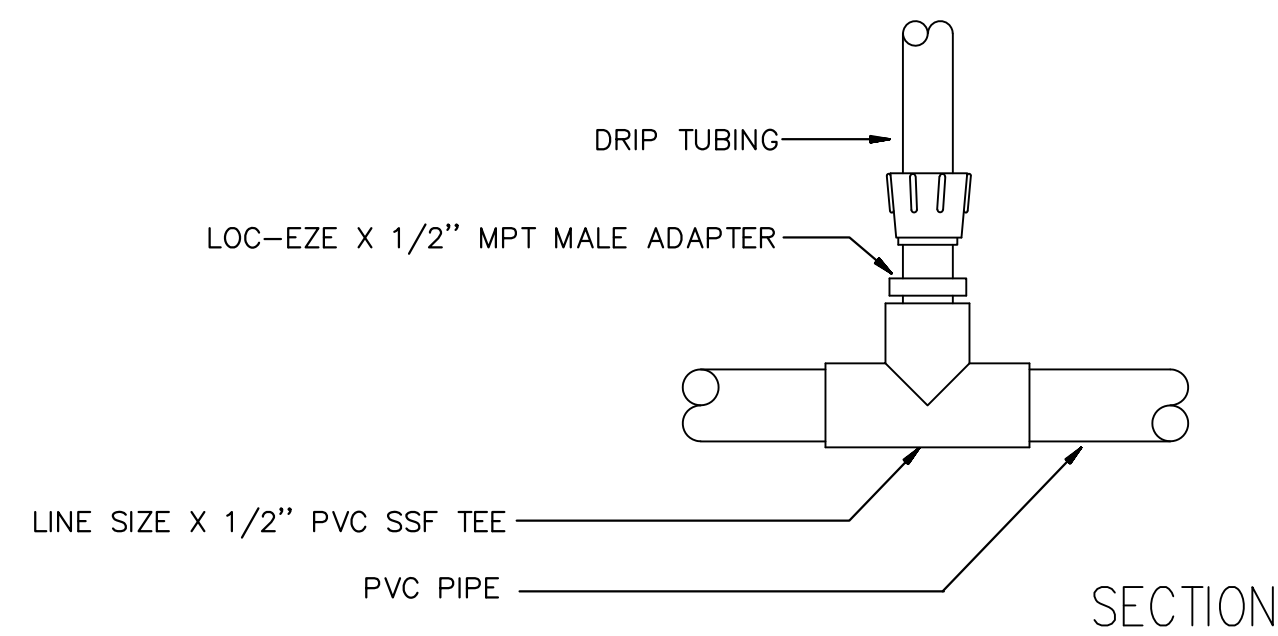
3 VALVE WITH FILTER SCHEMATIC
SCALE: N.T.S.



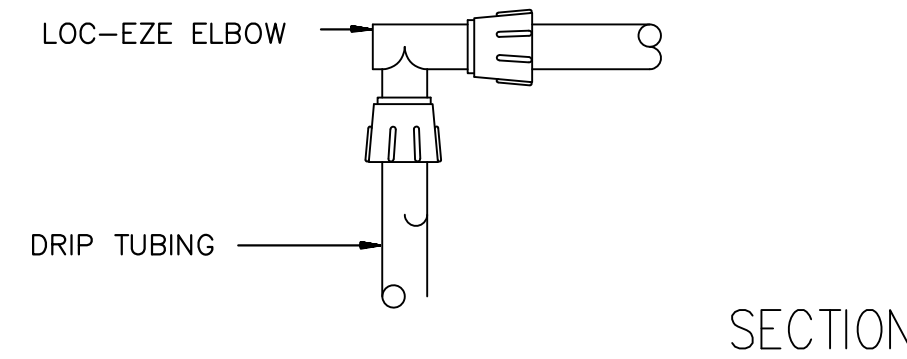
4 CONTROLLER MOUNTING
SCALE: N.T.S.



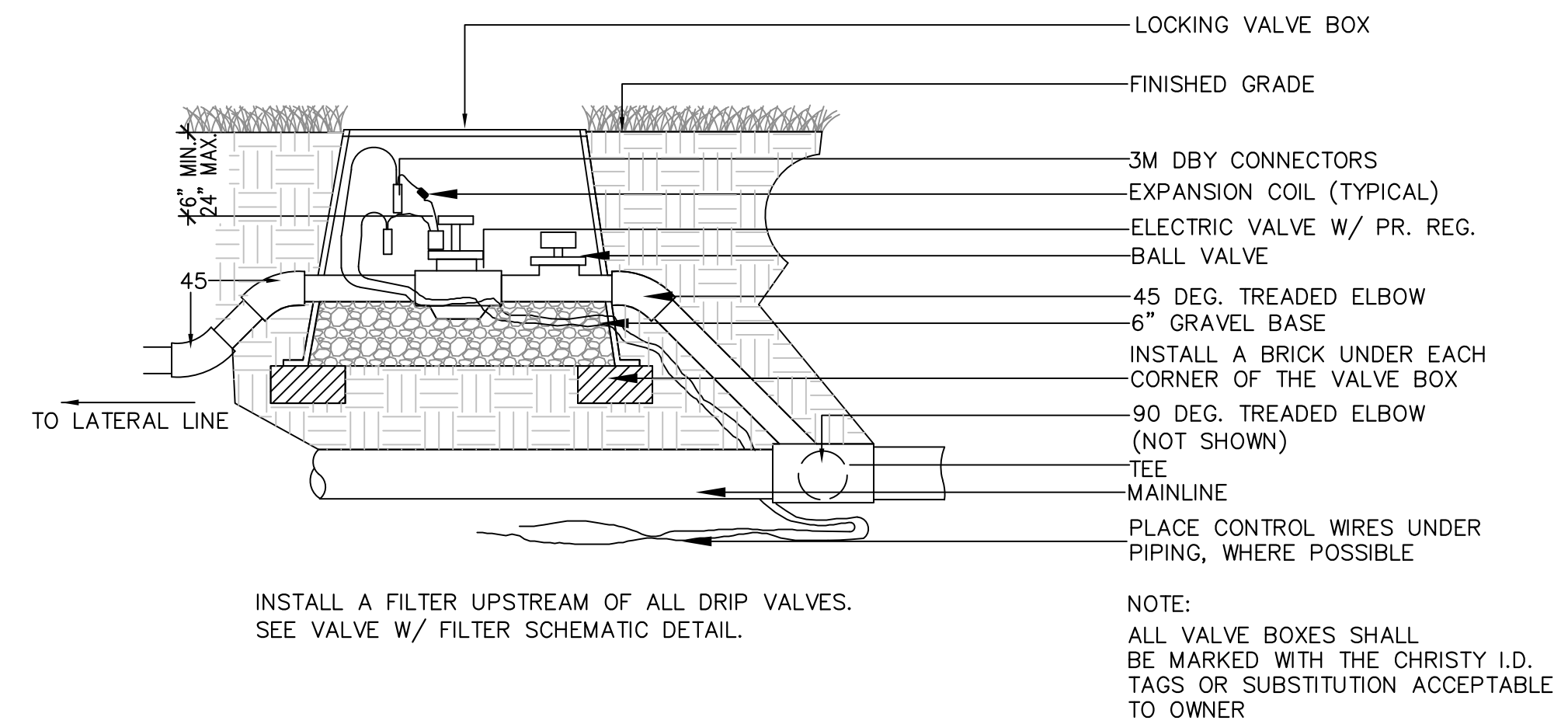
5 LOC-EZE TEE (T-FTT16)
SCALE: N.T.S.



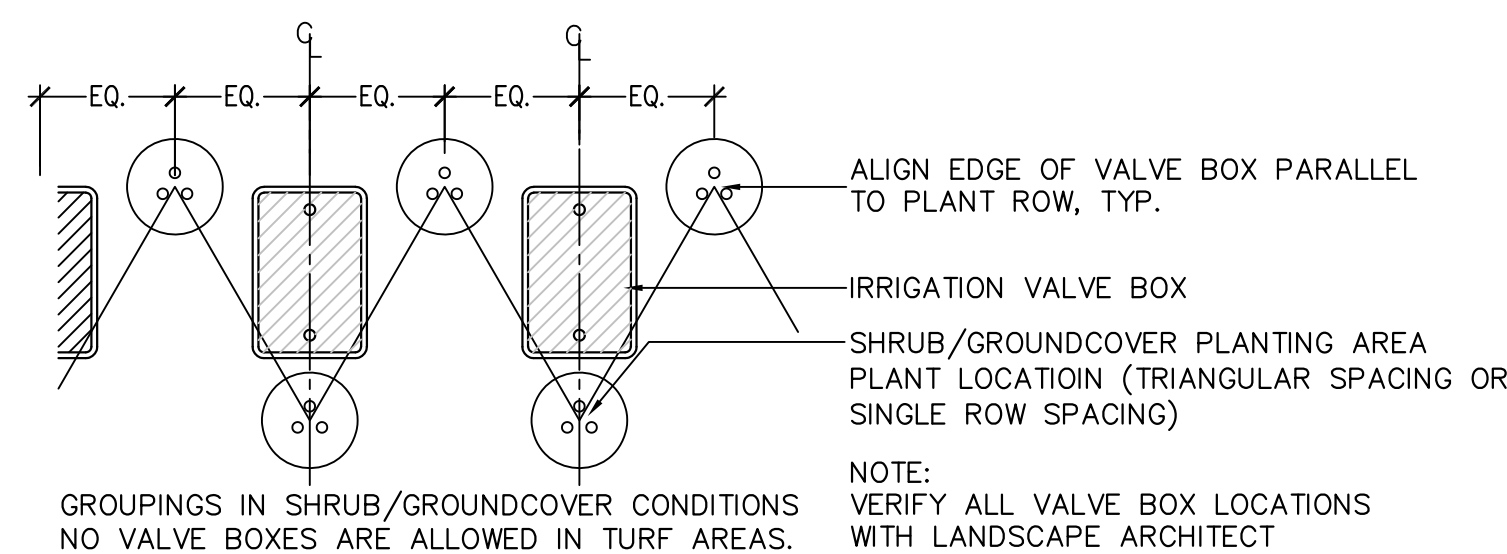
6 MANIFOLD CONNECTION (PVC TO ADAPTER)
SCALE: N.T.S.



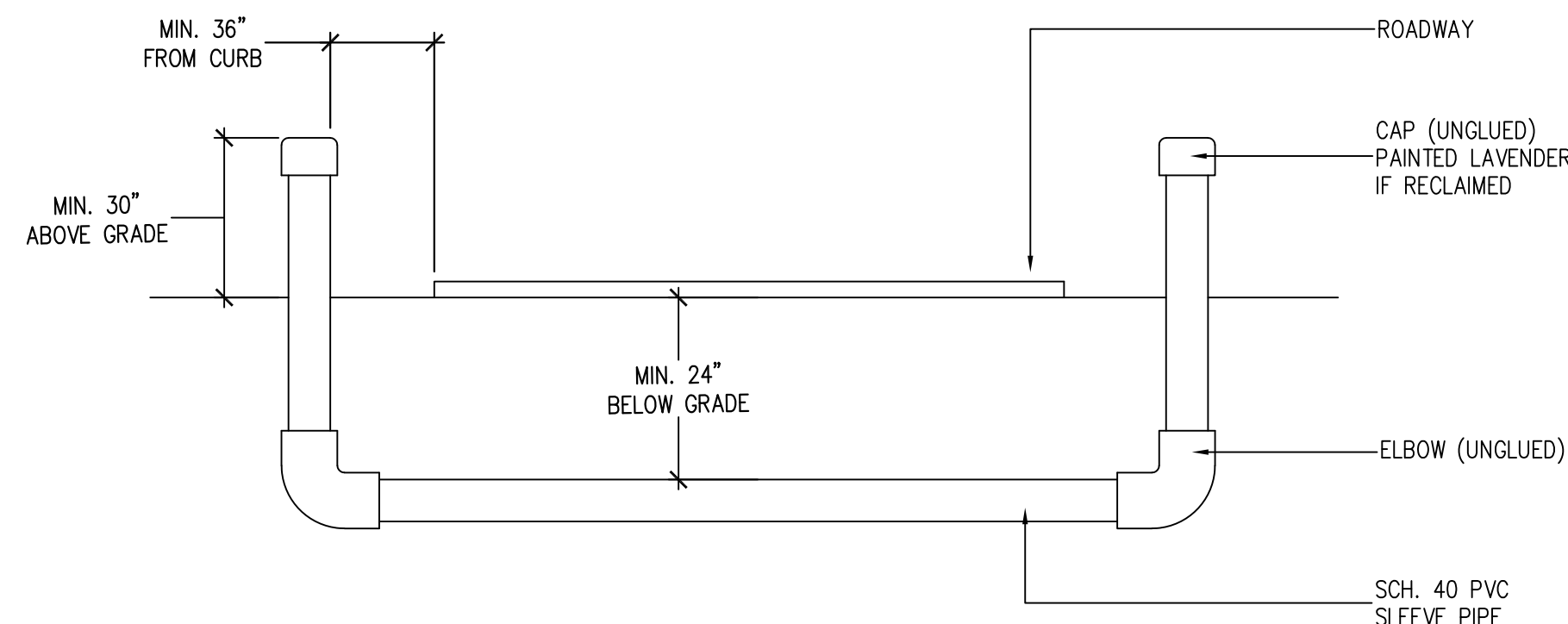
7 LOC-EZE ELBOW (T-FEEE16)
SCALE: N.T.S.



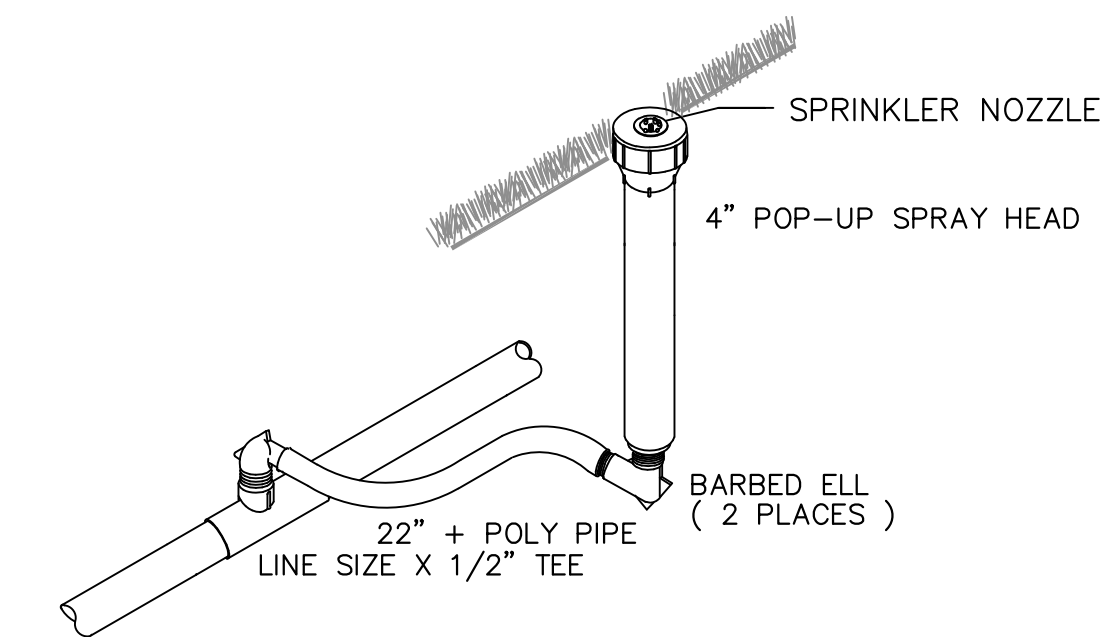
8 ZONE VALVE INSTALLATION
SCALE: N.T.S.



9 TYPICAL VALVE BOX GROUPING
SCALE: N.T.S.



10 SLEEVE DETAIL
SCALE: N.T.S.



11 4\"/>

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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SEAL:

PROJECT NO: 18-050
CLIENTS NO:
ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019
REVISIONS:

SCALE:
AS SHOWN

SHEET TITLE:
IRRIGATION DETAILS

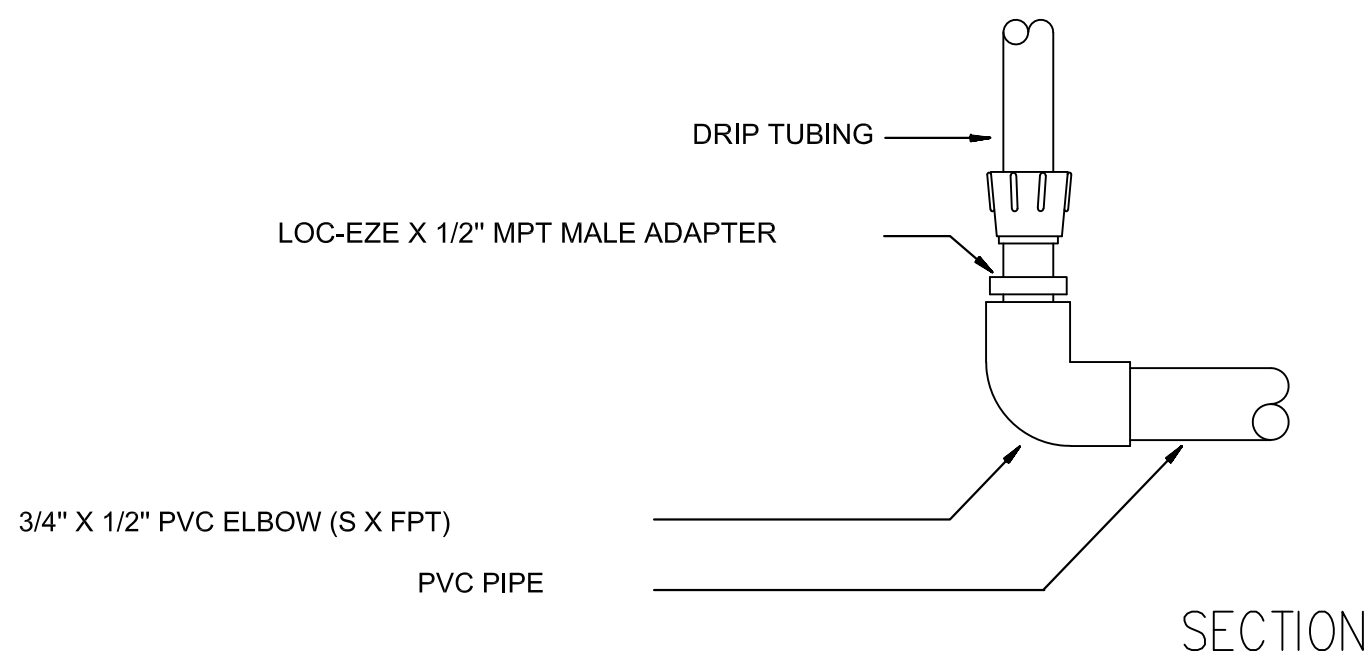
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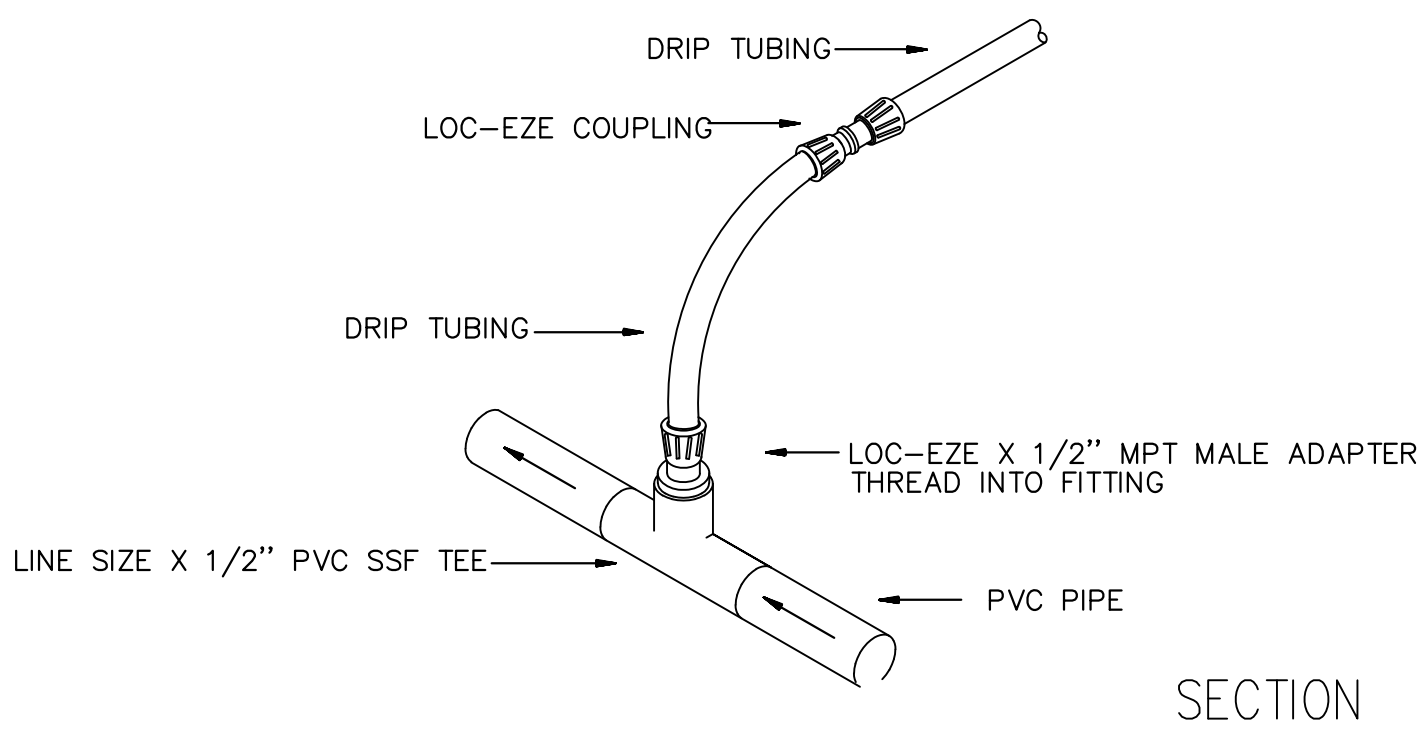
NOT FOR CONSTRUCTION

DRIP TUBING NOTES

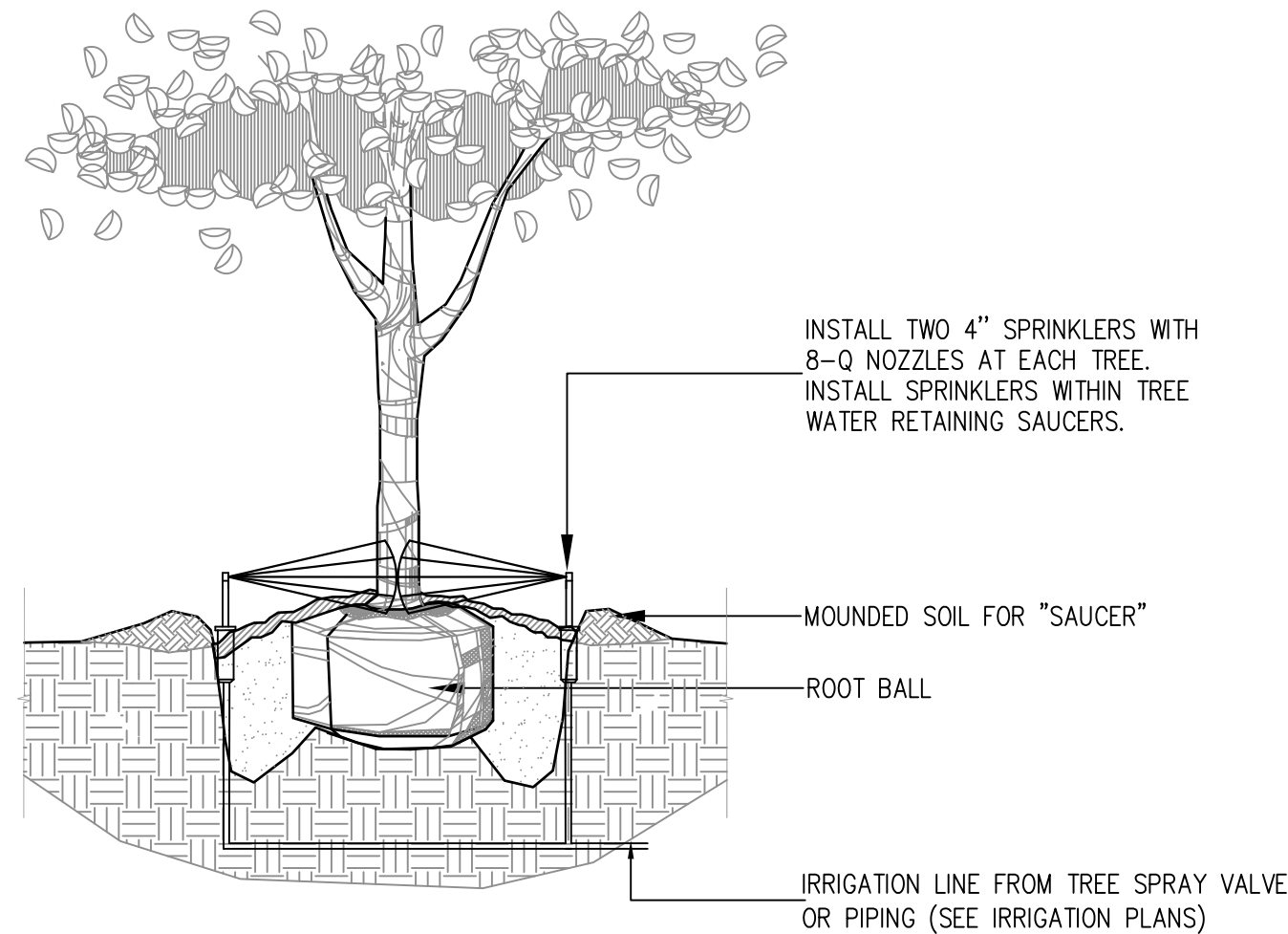
1. INSTALL TORO DL2000 TUBING WITH ALL FITTINGS AS NECESSARY FOR ALL DRIP TUBING (GROUND COVER AND SHRUB) APPLICATIONS.
2. INSTALL 2 ROWS OF TUBING IN EACH AREA. INSTALL TUBING AT FINISHED GRADE UNDER THE MULCH.
3. LOOP ALL RUNS OF TUBING WITH A MAXIMUM LOOP DISTANCE FROM THE SUPPLY MANIFOLD OF 300'.
4. INSTALL ONE TORO T-ALFD15150-L FILTER WITH A STAINLESS STEEL 150 MICRONS) SCREEN FOR EACH VALVE.
5. INSTALL A TORO #T-FCH-H-FIPT 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' O.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.



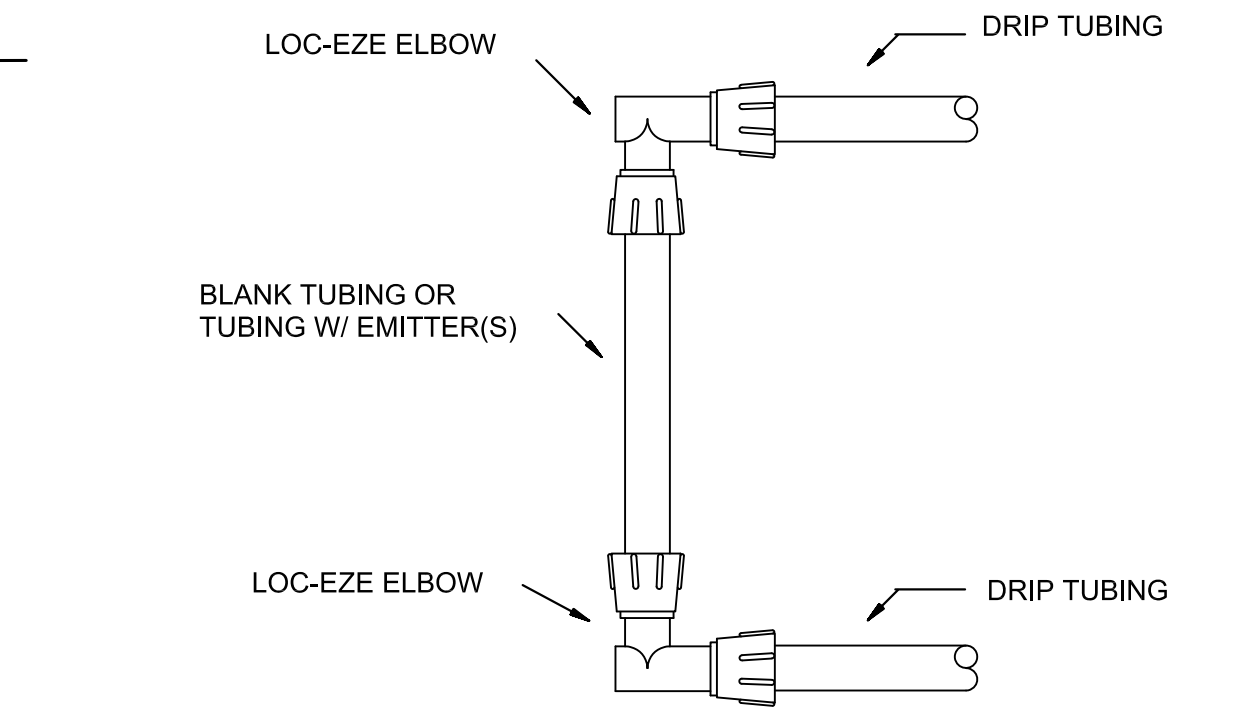
3 MANIFOLD CONNECTION (PVC TO ADAPTER)
SCALE: N.T.S.



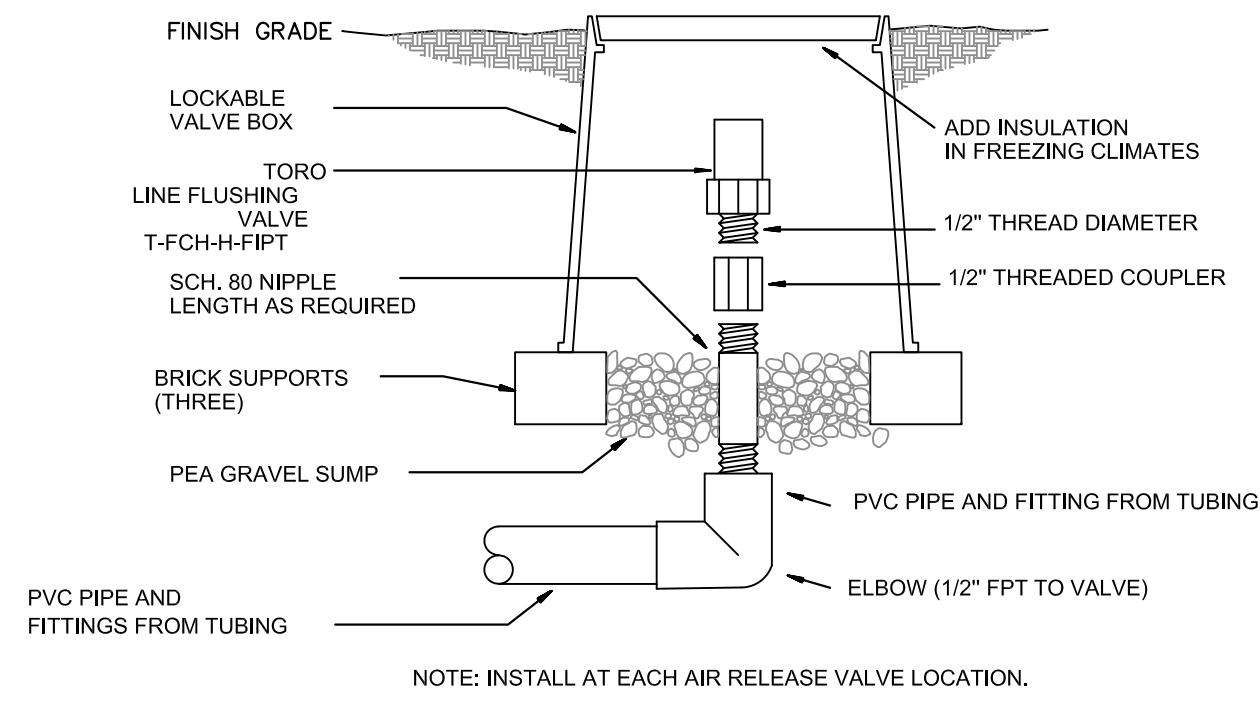
6 BLANK DL2000 DRIPLINE RISER
SCALE: N.T.S.



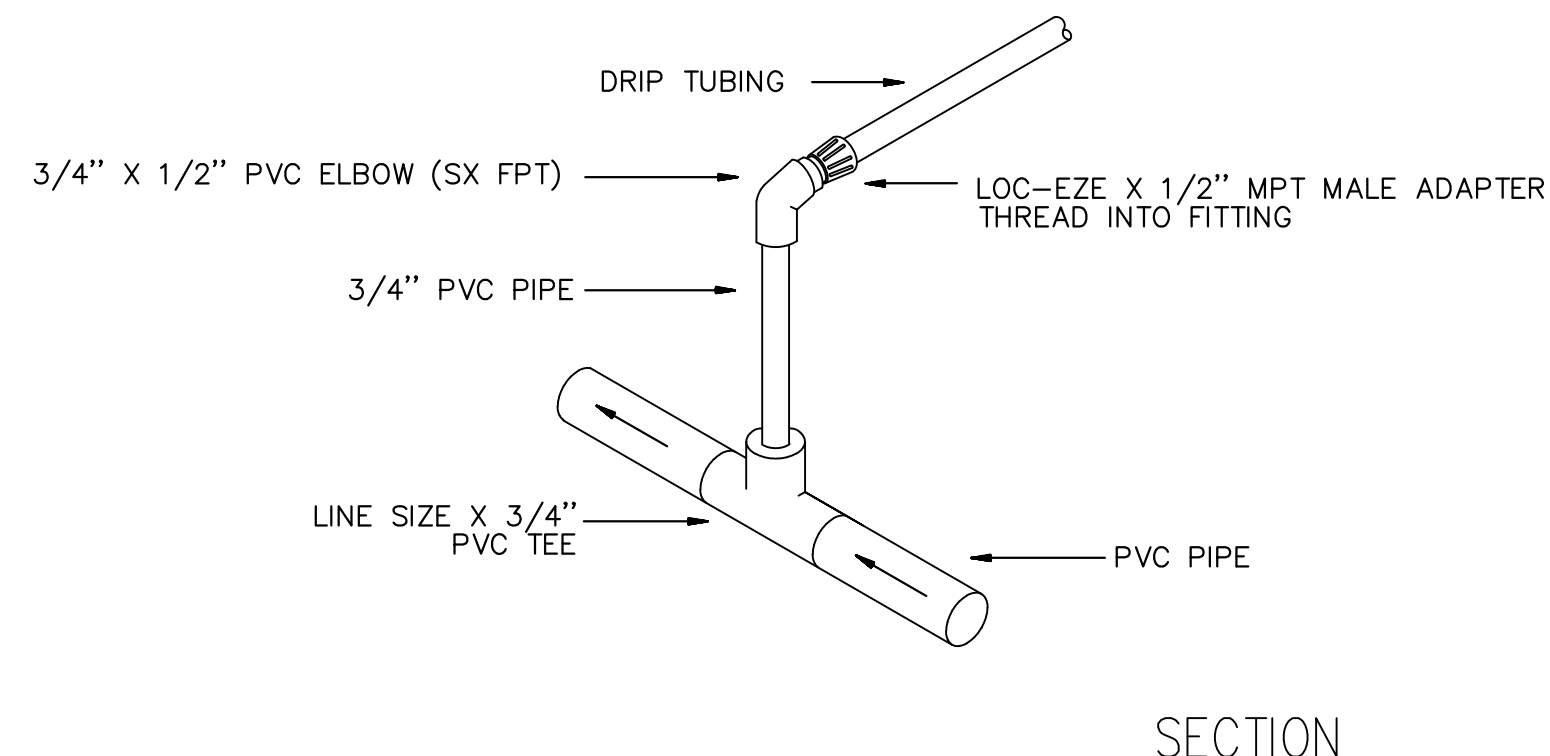
9 TREE SPRINKLER LOCATION
SCALE: N.T.S.



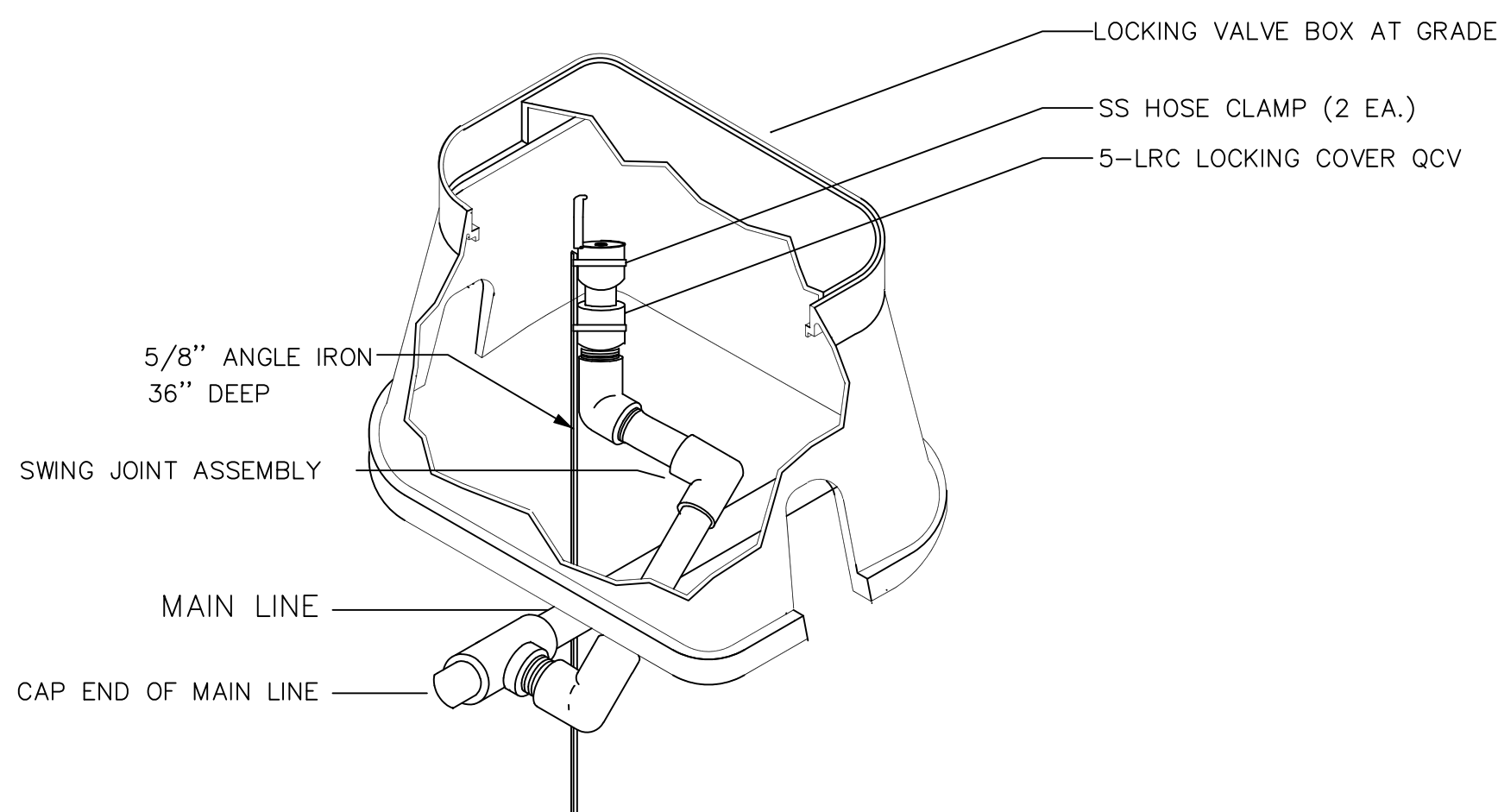
1 LOC-EZE ELBOW LOOP
SCALE: N.T.S.



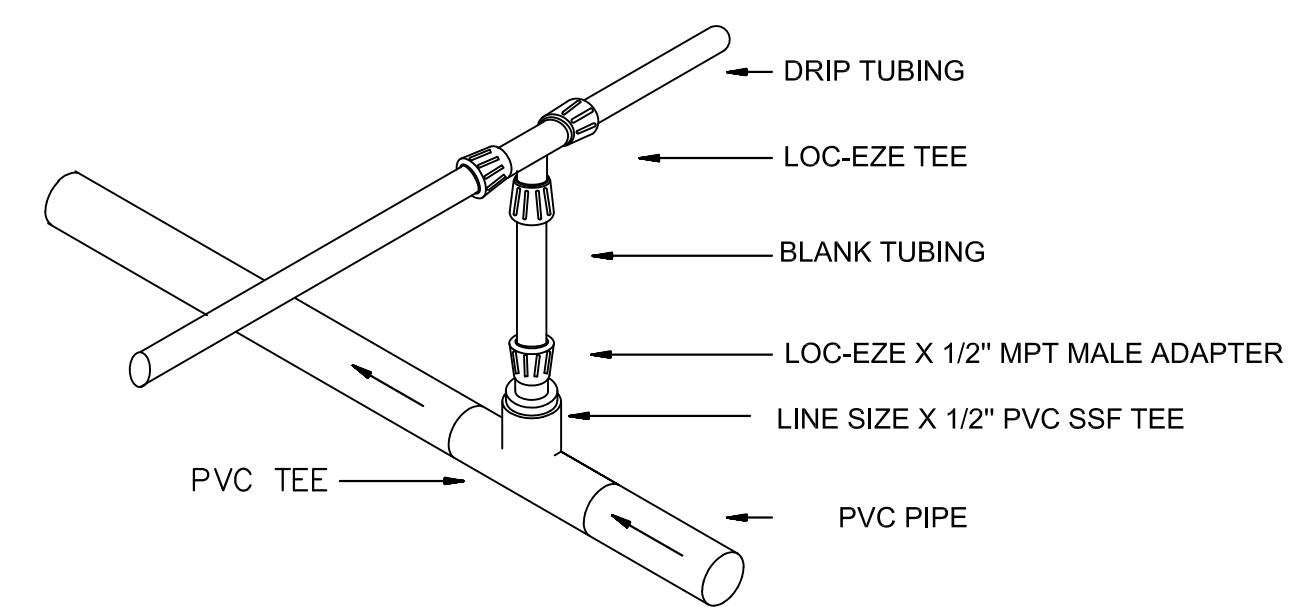
4 FLUSHING VALVE
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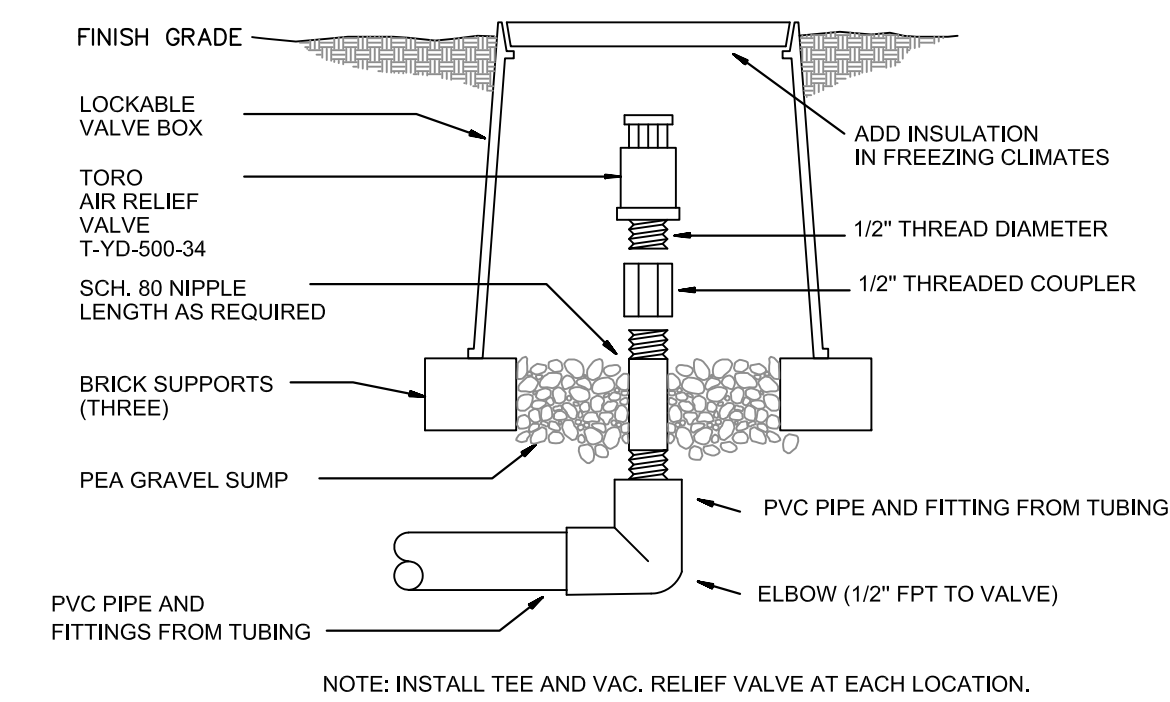
7 MANIFOLD (PVC) CONN. (END FEED)
SCALE: N.T.S.



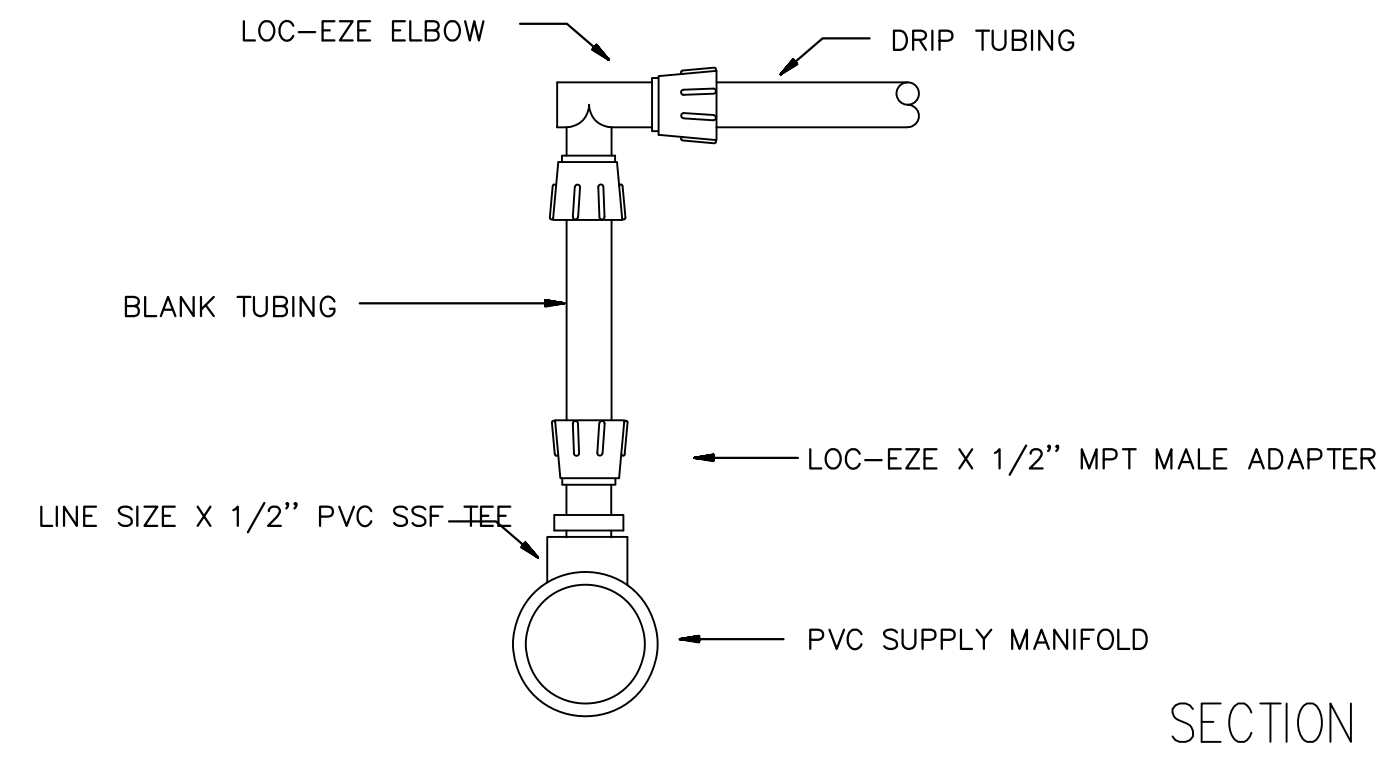
10 QUICK COUPLING VALVE INSTALLATION
SCALE: N.T.S.



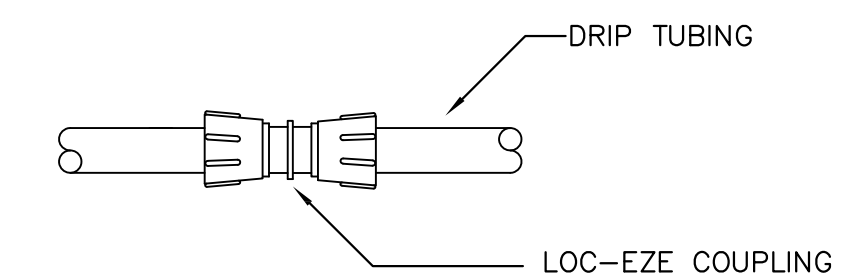
2 MANIFOLD CONNECTION (CENTER FEED)
SCALE: N.T.S.



5 AIR RELIEF VALVE
SCALE: N.T.S.



8 LOC-EZE ELBOW TO LOC-EZE ADAPTER CONNECTION
SCALE: N.T.S.



11 LOC-EZE COUPLING (T-FCC16)
SCALE: N.T.S.

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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SCALE:

NOT FOR CONSTRUCTION

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-403

PLOTDATE: 02/24/2019 4:24 PM USER: ELISABETH MANLEY FILENAME: C:\USERS\ELISABETH MANLEY\BOX\PROJECT\2018\18-050 KIWANIS GIRL SCOUT PARK CDS - WSPP\A\A_PRODUCTION\A\A_CDS\2019-02-22 90%_01_SHEETS\WSPP_SITE_IR_PLAN.DWG

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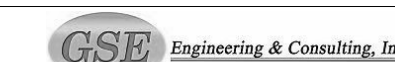
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REVISION	DESCRIPTION	DATE
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SHEET TITLE:
LIFE SAFETY PLAN

SHEET NUMBER:
LS1.0

FIRE ALARM, EXTINGUISHERS, EXITS

1 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:

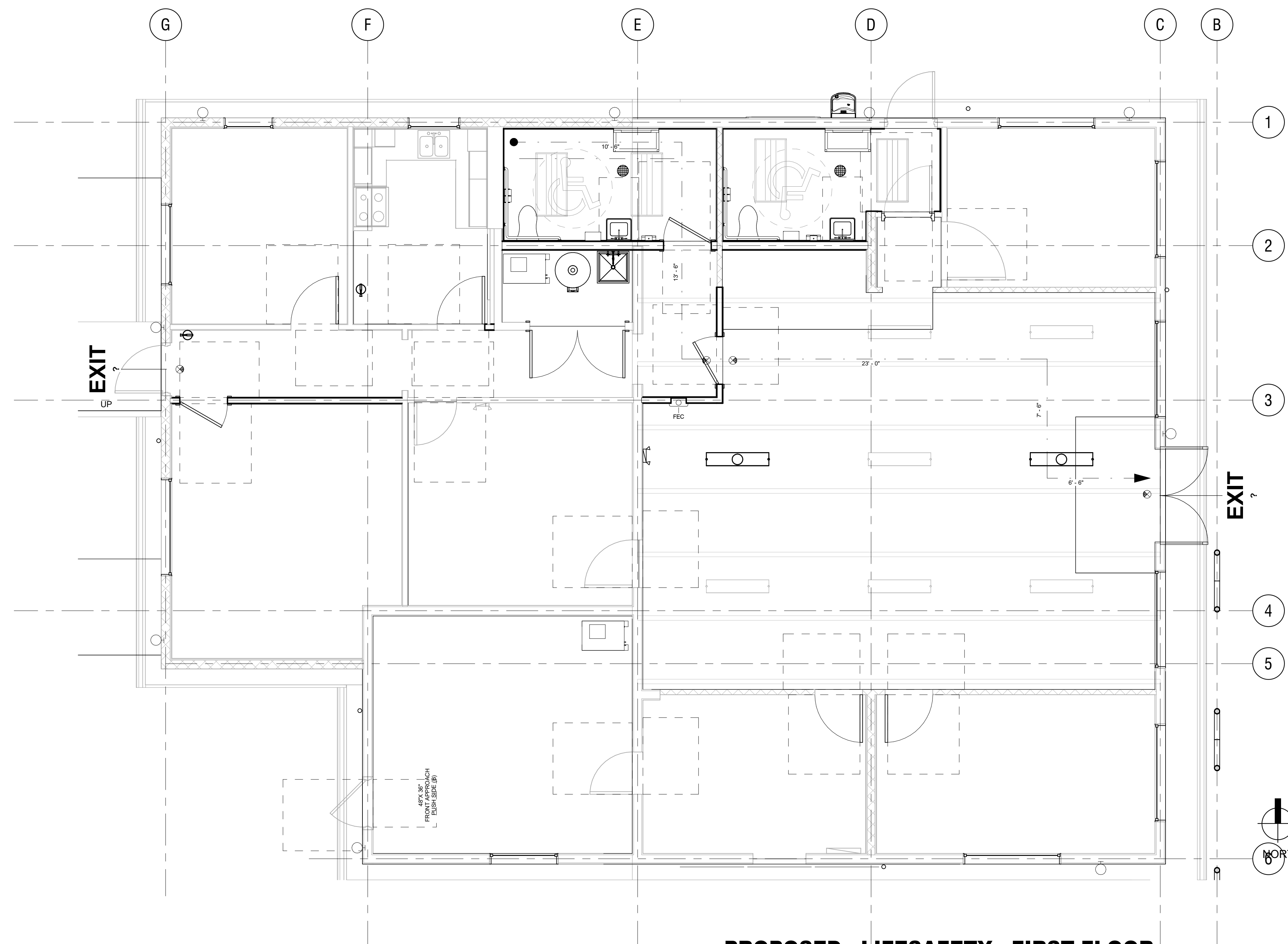
LONGEST RUN = 61 FEET

NOTE: PER FBC 9, TABLE 1021.2(2), ONE (1) EXIT MAY BE PROVIDED IF < 49 OCCUPANTS AND <= 75 (100FT IF SPRINKLERED) TRAVEL DISTANCE.

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 ANUNCIATOR 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



PROPOSED - LIFESAFETY - FIRST FLOOR

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

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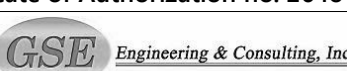
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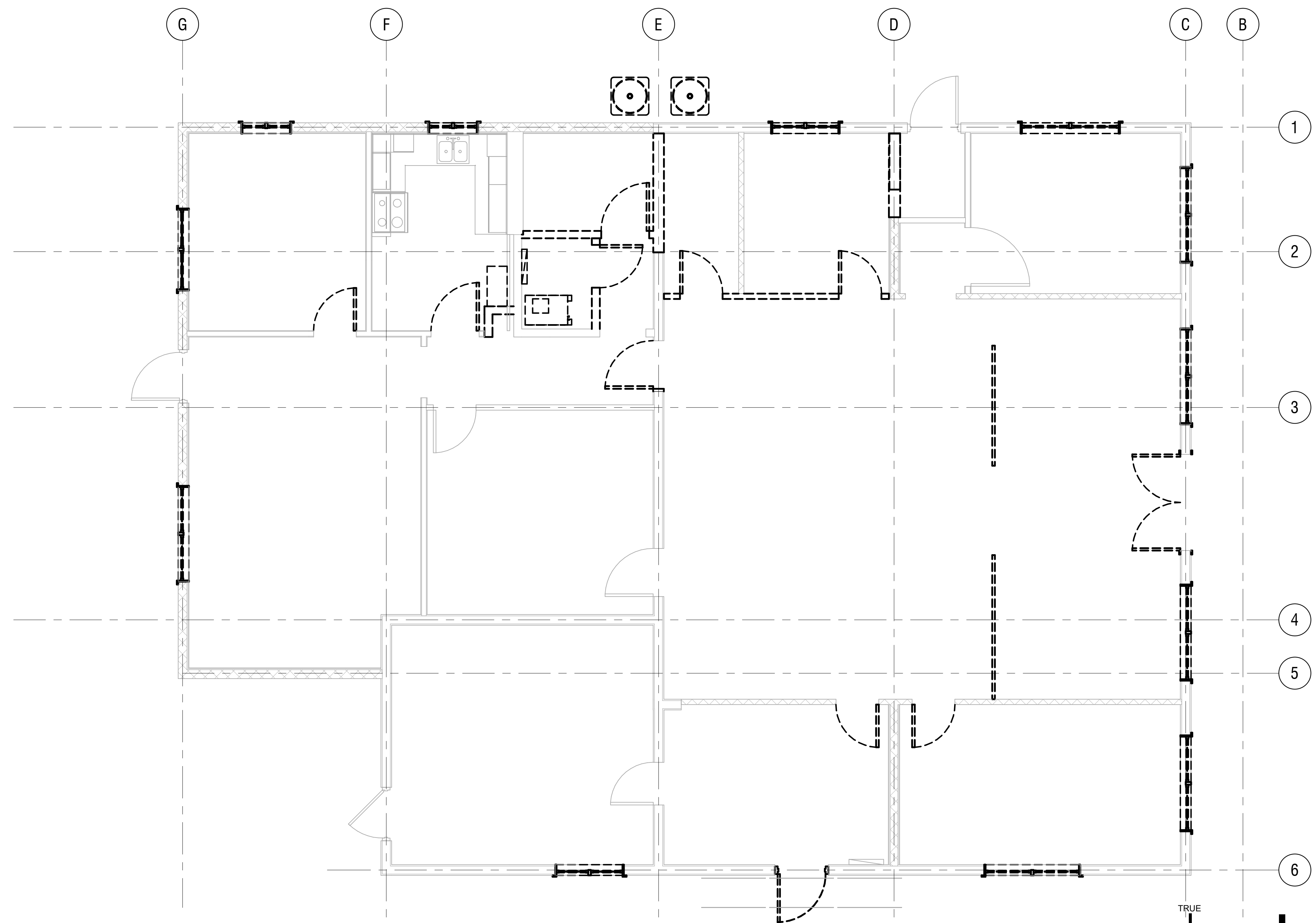
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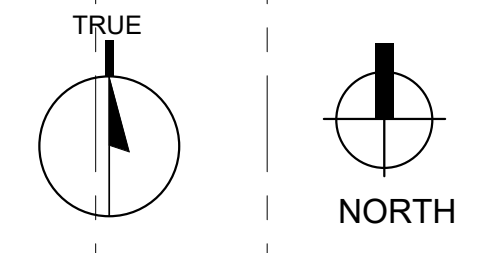
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GENERAL NOTES - DEMOLITION



1
D1.0 **DEMO - FLOOR PLAN**
SCALE: 1/4" = 1'-0"



SHEET
TITLE:
**DEMO FLOOR
PLAN**

SHEET
NUMBER:
D1.0

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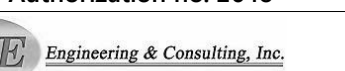
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SHEET TITLE:
PROPOSED - FLOOR PLAN

SHEET NUMBER:
A1.0

GENERAL NOTES

DRAWING SYMBOL LEGEND

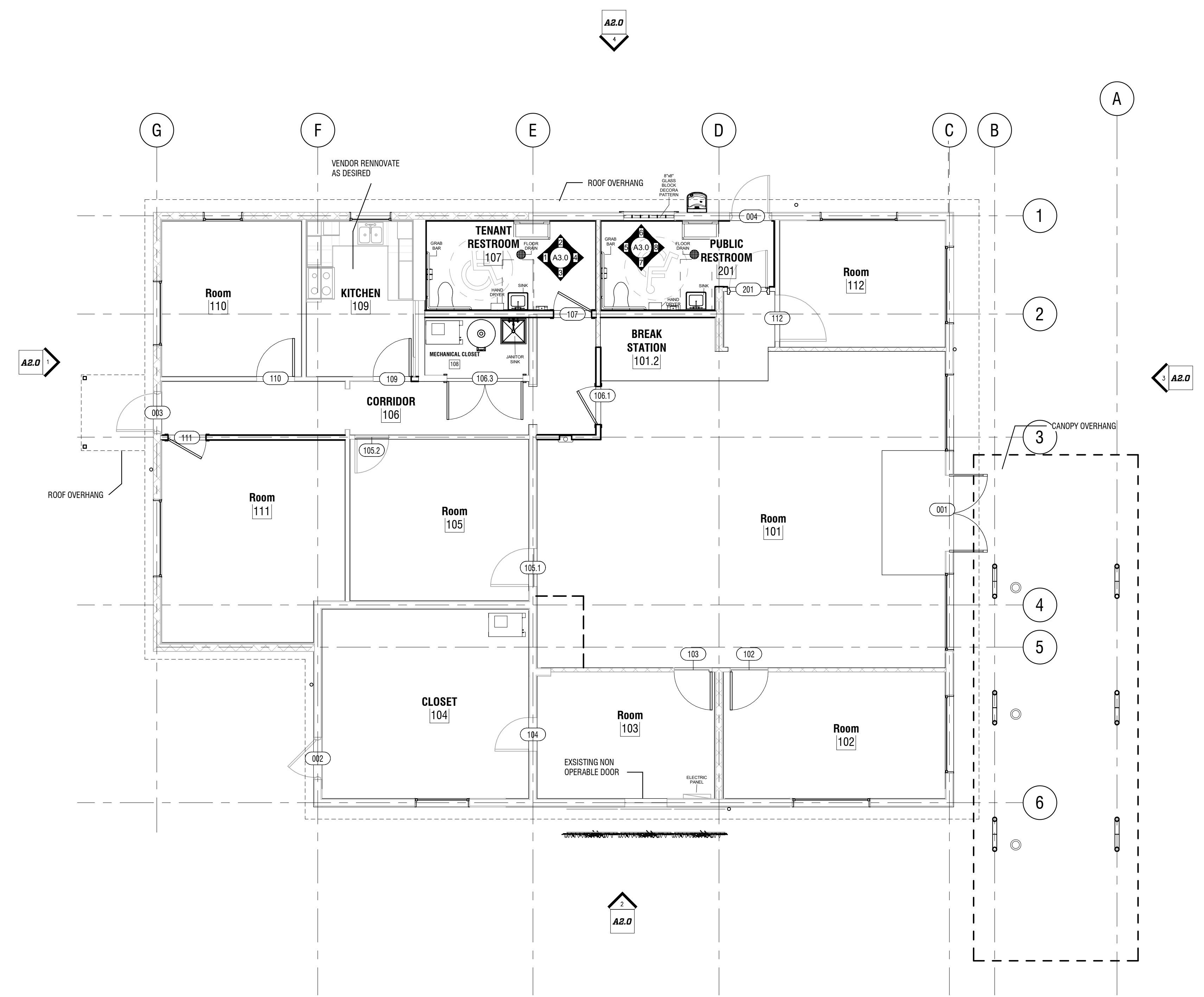
BUILDING OR WALL SECTION SECTION IDENTIFIER SHEET IDENTIFIER	PLAN OR SECTION CALLOUT SECTION IDENTIFIER SHEET IDENTIFIER
PLAN/SECTION DETAIL IDENTIFIER SHEET IDENTIFIER	EXTERIOR ELEVATION IDENTIFIER SECTION IDENTIFIER SHEET IDENTIFIER
ROOM NAME ROOM NAME ROOM IDENTIFIER	INTERIOR ELEVATION IDENTIFIER SECTION IDENTIFIER SHEET IDENTIFIER
DOOR TYPE IDENTIFIER INDICATES DOOR NUMBER SEE DOOR SCHEDULE FOR SIZE AND TYPE	KEYNOTE
WINDOW TYPE IDENTIFIER INDICATES WINDOW NUMBER SEE WINDOW SCHEDULE FOR SIZE AND TYPE	WALL PARTITION TYPE
ELEVATION HEIGHT	BREAK LINE
SPOT ELEVATION MARK	REVISION CLOUD REVISION IDENTIFIER REVISION INDICATOR
	CONVENTIONAL GRID SYSTEM

DOOR TYPE LEGEND

DOUBLE DOOR VINYL TYPE A	SINGLE DOOR WOOD TYPE B	SINGLE DOOR HOLLOW METAL TYPE C	SINGLE DOOR WOOD TYPE D	DOUBLE DOOR WOOD TYPE E

DOOR SCHEDULE

Location	Mark	WIDTH	Door Properties Height	Type	Hardware Group	Phase Created
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"

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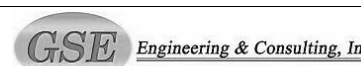
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SHEET
TITLE:
**PROPOSED -
PLAN - DIM.**

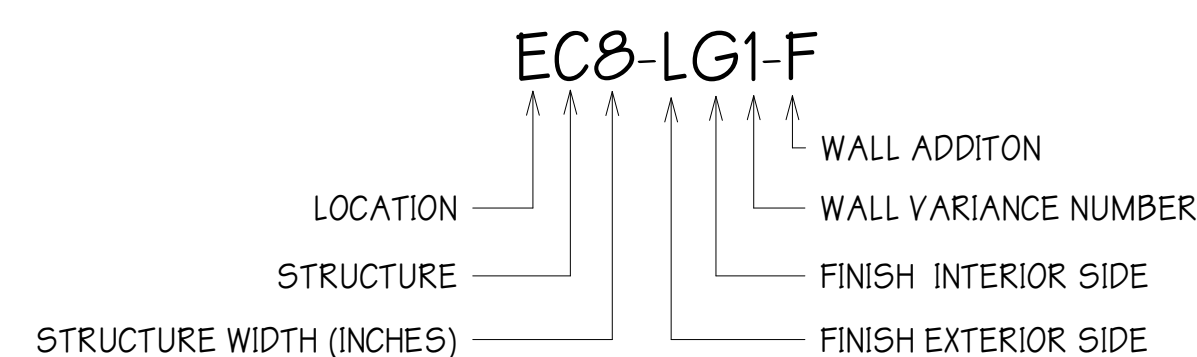
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NUMBER:
A1.1

GENERAL NOTES - DIM.

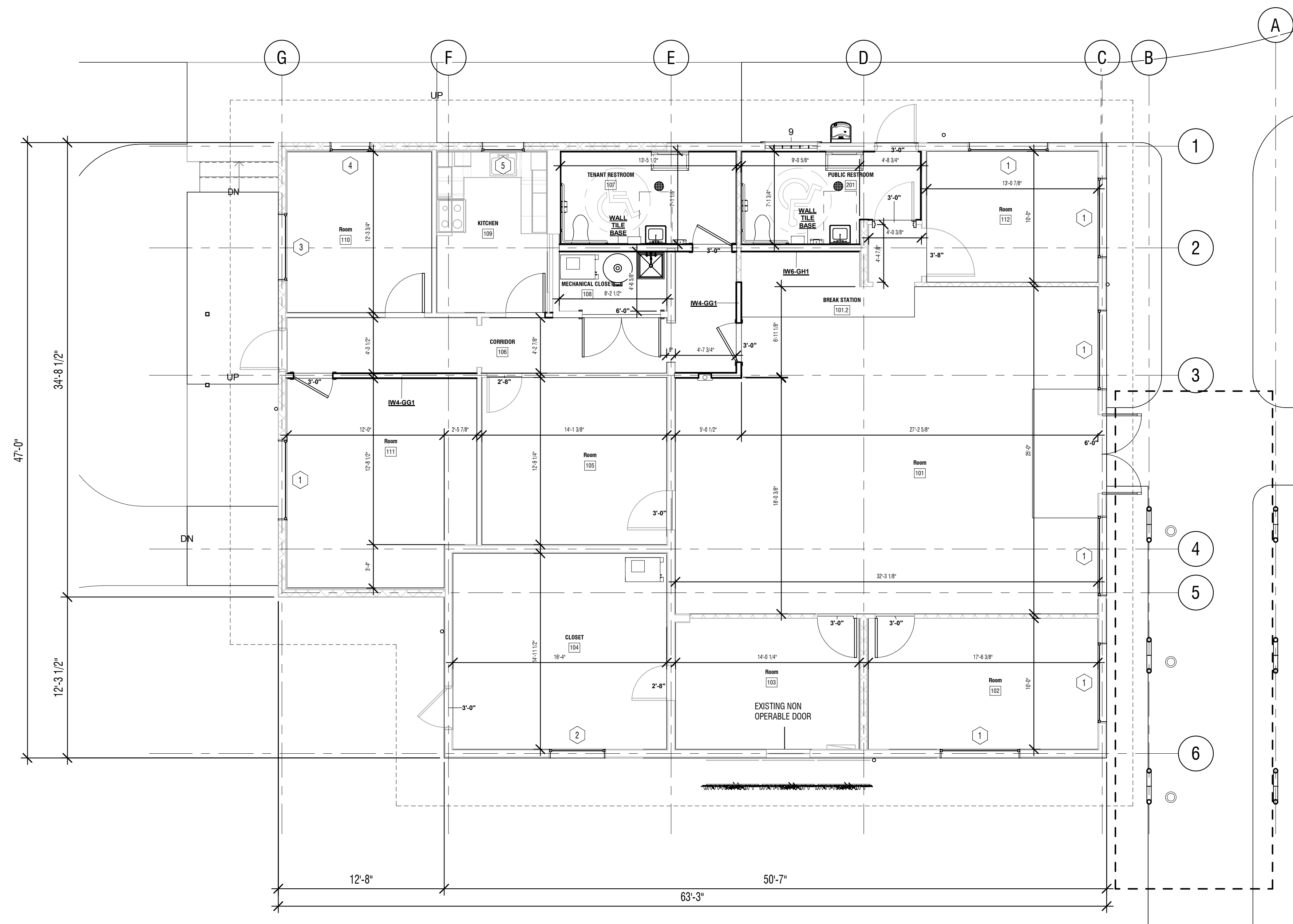
WALL SCHEDULE

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

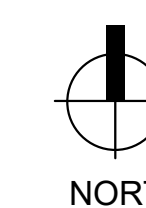


STRUCTURE	FINISH	WALL ADDITION
S STEEL	B BRICK	F FIRE RATED
W WOOD	H HARDIE	I INSULATION
M CMU	E EFIS	S SMOKE RATED
C CONCRETE	G GYPSUM	
I INSULATED CONCRETE	I INSULATED PANEL	
	L SIDING	
	M MTL BLDG PANEL	
	N NO FINISH	
	P TILT PANEL	
	R STONE	
	S STUCCO	
	T TILE	
	W WOOD	



PROPOSED - PLAN - OVERALL DIM.

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



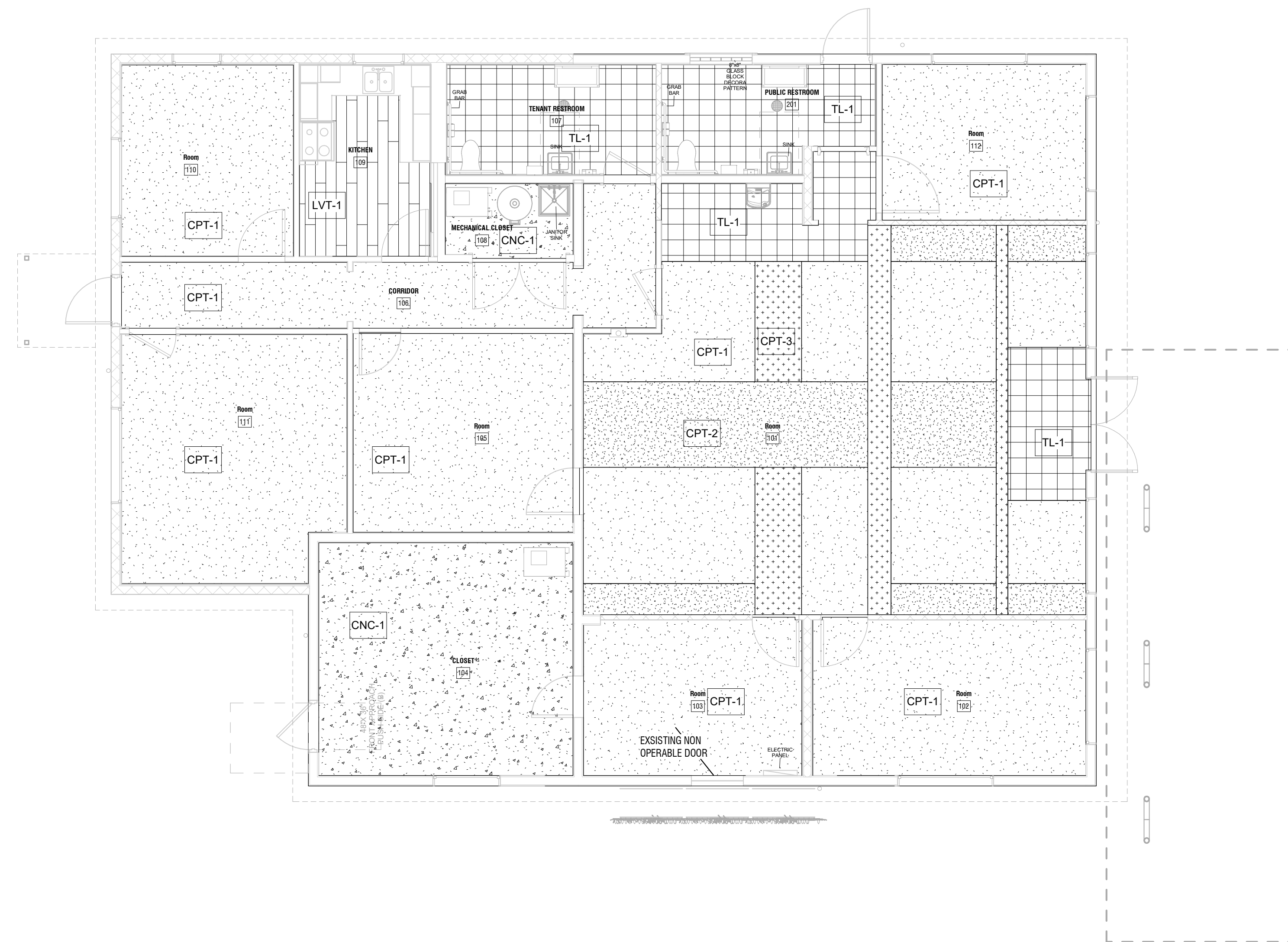
ROOM FINISH SCHEDULE							
WT	Name	Area	Ceiling Finish	Floor Finish	Wall Finish	Accent Wall	Base Finish
000	EXTERIOR	7695 SF					
101	Room	769 SF	ACT	CPT-1/TL-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
101.2	BREAK STATION	45 SF	ACT	TL-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
102	Room	175 SF	GYP. BOARD	CPT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
103	Room	140 SF	GYP. 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	GYP. BOARD	CPT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
106	CORRIDOR	168 SF	GYP. BOARD	CPT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
107	TENANT RESTROOM	94 SF	GYP. BOARD	TL-1	TILE/ GYP. 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	GYP. BOARD	LVT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
110	Room	136 SF	GYP. BOARD	CPT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
111	Room	224 SF	GYP. BOARD	CPT-1	PAINT 1/ GYP. BD.	PAINT 2/GYP.BD	VINYL
112	Room	131 SF	GYP. 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	GYP. BOARD	TL-1	TILE/ GYP. BD	TILE/GYP. BD	TILE

GENERAL NOTES - FINISH PLAN

- EXISTING 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



PROPOSED - PLAN - FINISH

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



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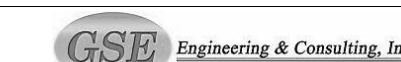
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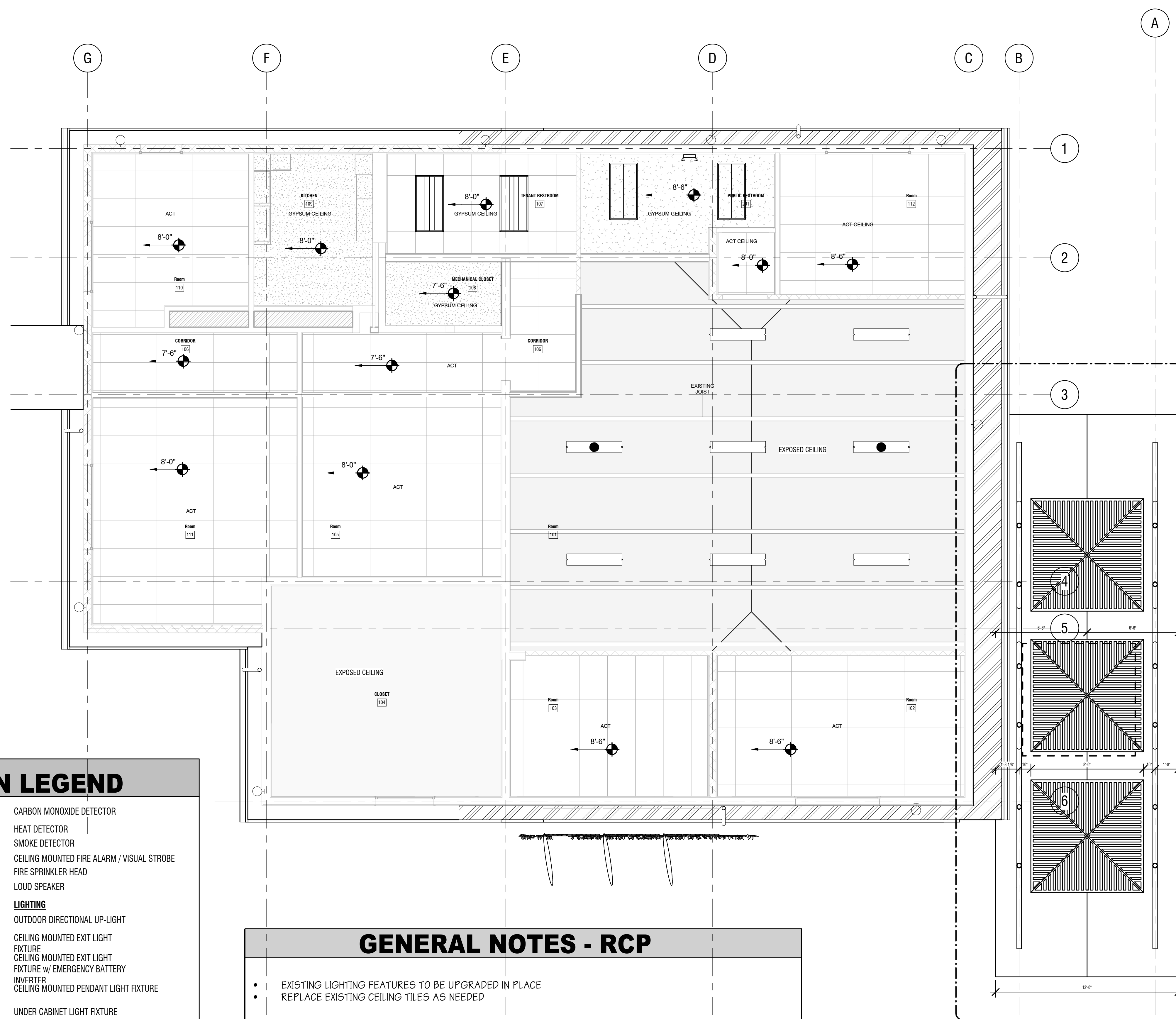
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REVISION	DESCRIPTION	DATE
01	A4.0	

SHEET TITLE:
PROPOSED - PLAN - RCP

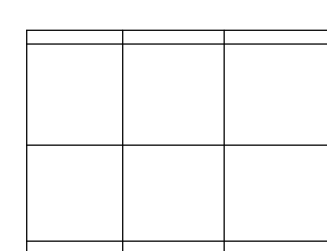
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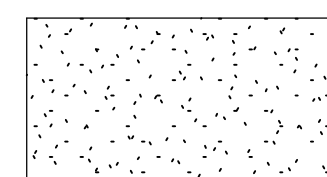
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SCALE: 1/4" = 1'-0"



REFLECTED CEILING PLAN LEGEND



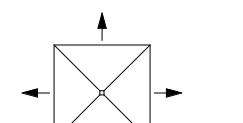
INDICATES ACOUSTICAL CEILING GRID



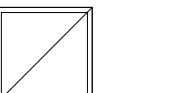
INDICATES DRYWALL CEILING OR SOFFIT AREA (SEE FINISH SCHEDULE FOR HT.)



EXHAUST FAN



SUPPLY DIFFUSER



RETURN DIFFUSER



CARBON MONOXIDE DETECTOR



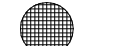
HEAT DETECTOR



SMOKE DETECTOR



CEILING MOUNTED FIRE ALARM / VISUAL STROBE



FIRE SPRINKLER HEAD



LOUD SPEAKER

LIGHTING



OUTDOOR DIRECTIONAL UP-LIGHT



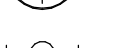
CEILING MOUNTED EXIT LIGHT



FIXTURE MOUNTED EXIT LIGHT



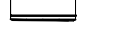
FIXTURE w/ EMERGENCY BATTERY



INFRARED



CEILING MOUNTED PENDANT LIGHT FIXTURE



UNDER CABINET LIGHT FIXTURE



WALL PACK

BLACK FILLED CIRCLE INDICATES EMERGENCY BATTERY BACKUP IN LIGHT FIXTURE. EMERGENCY LIGHT FIXTURES ON LIFE SAFETY PANEL

GENERAL NOTES - RCP

- EXISTING LIGHTING FEATURES TO BE UPGRADED IN PLACE
- REPLACE EXISTING CEILING TILES AS NEEDED

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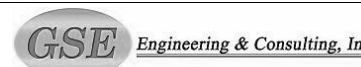
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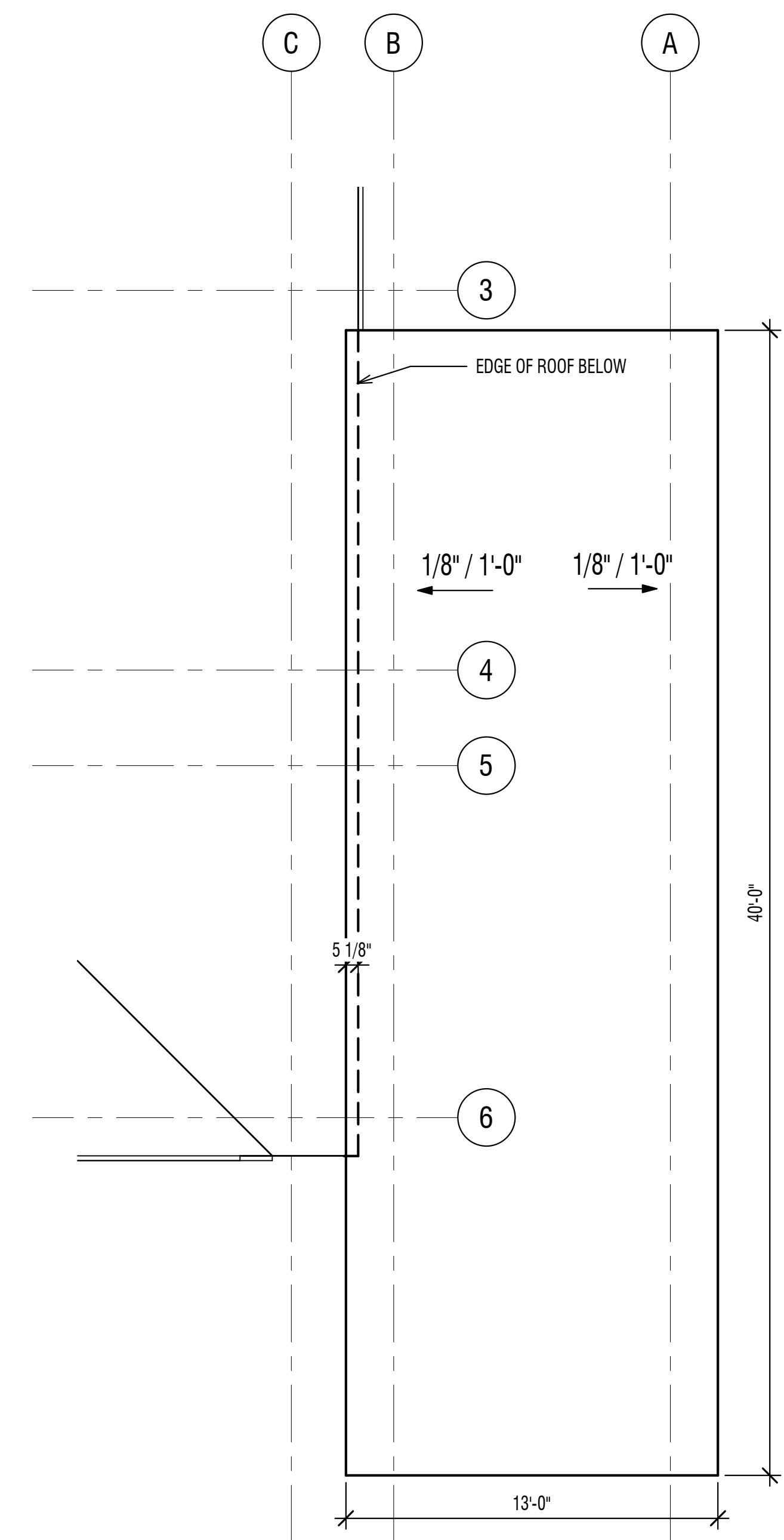
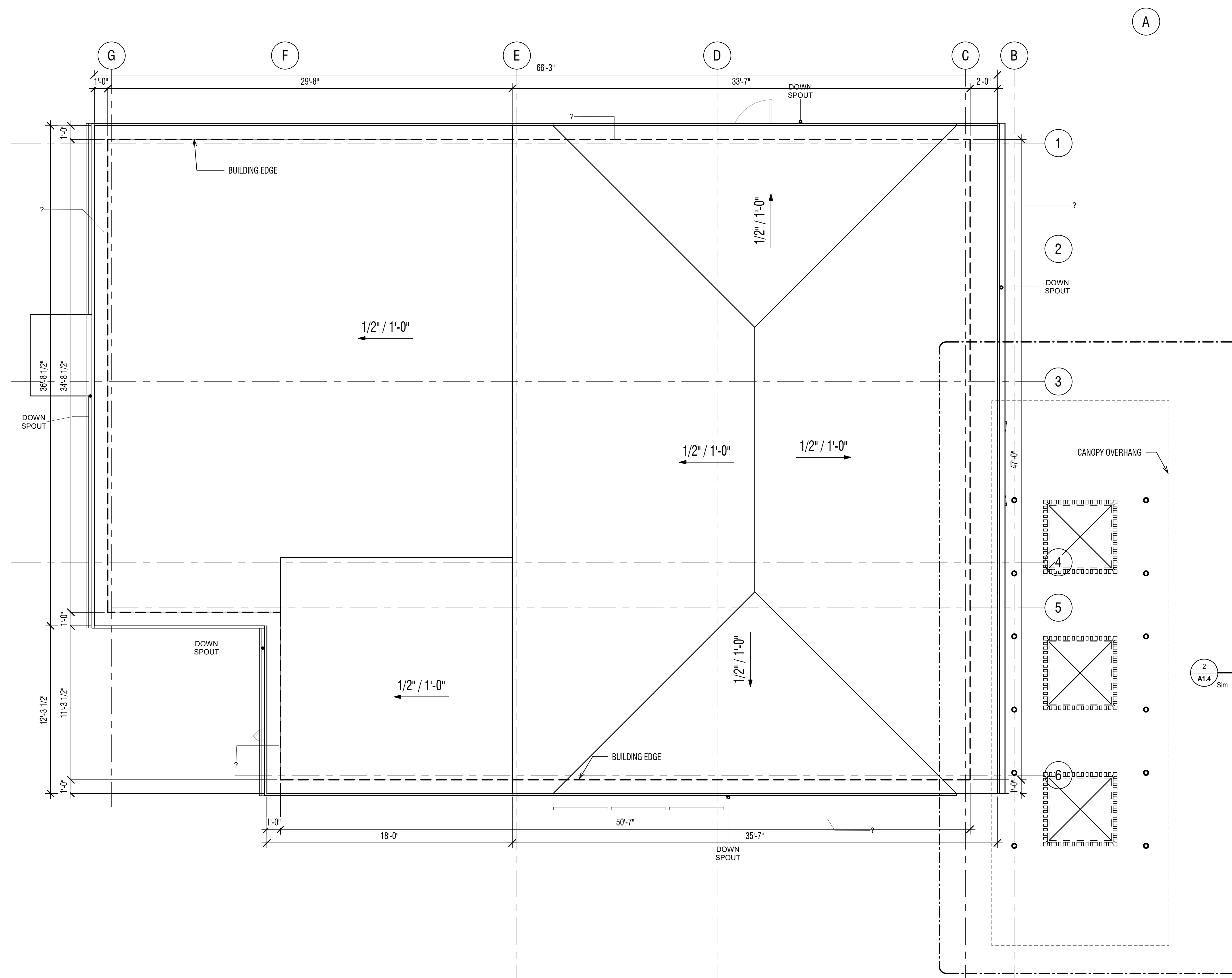
SEAL:

PROJECT NO: 18-050
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REVISION	DESCRIPTION	DATE
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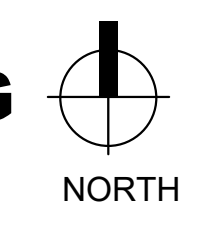
SHEET TITLE:
PROPOSED - ROOF - PLAN

SHEET NUMBER:
A1.4

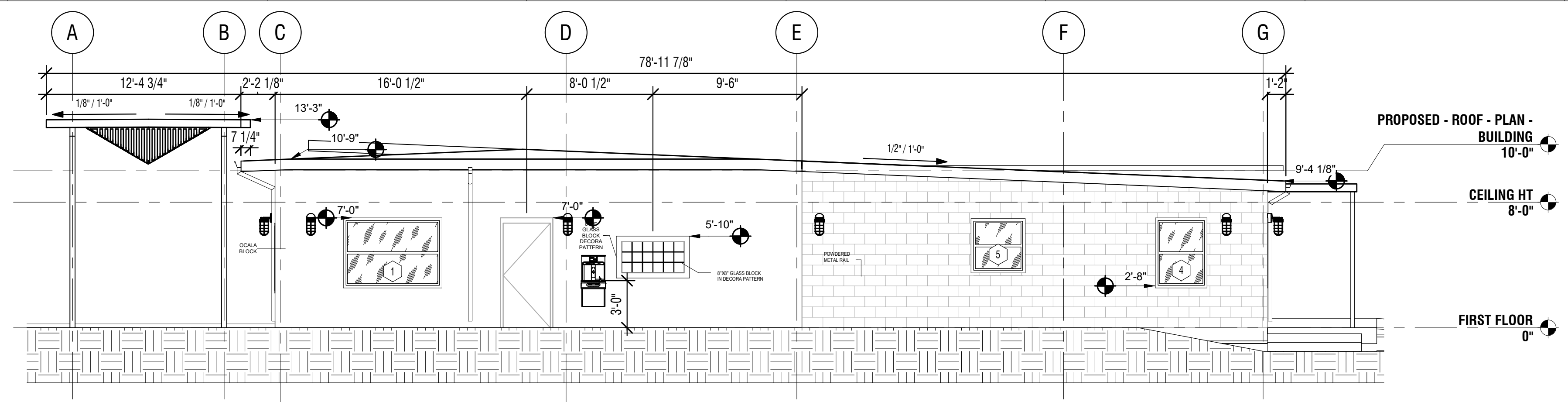


PROPOSED - CANOPY - CALLOUT
SCALE: 1/4" = 1'-0"

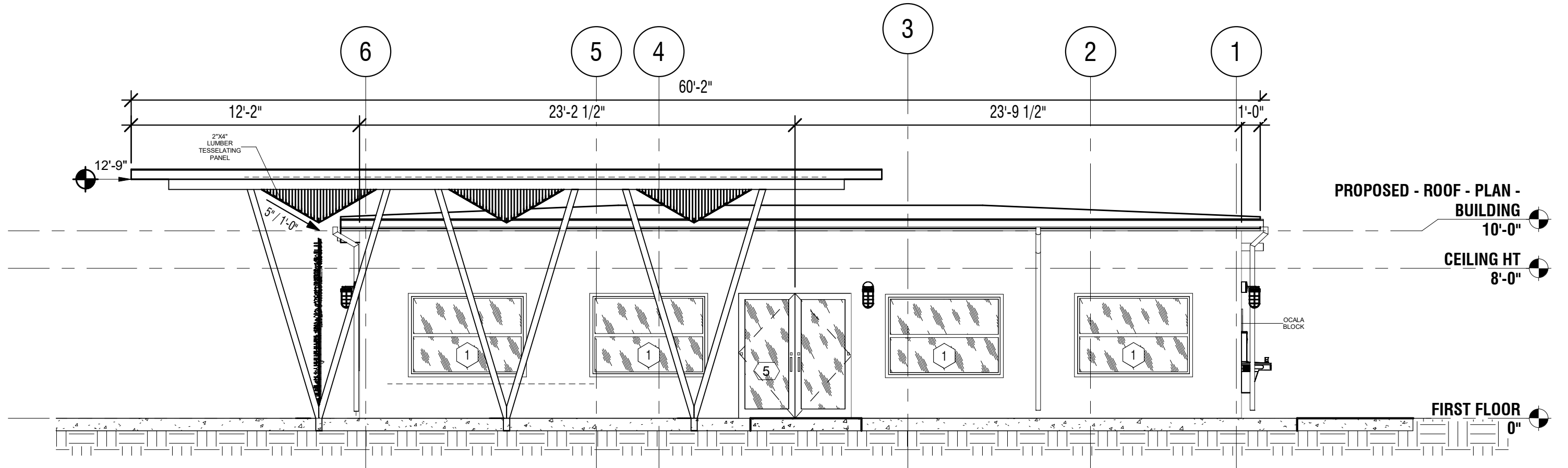
PROPOSED - ROOF - PLAN - BUILDING
SCALE: 1/4" = 1'-0"



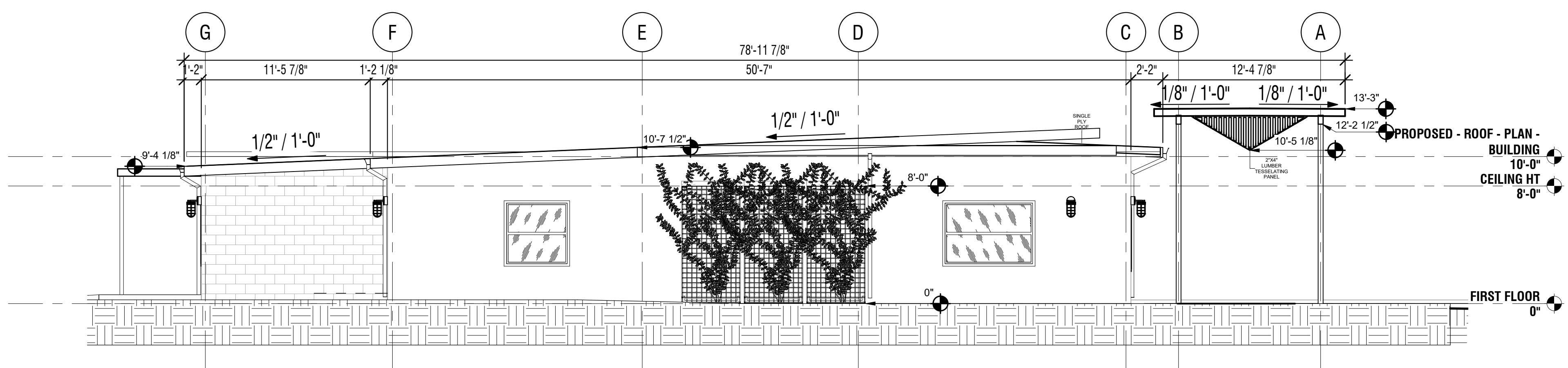
GENERAL NOTES - EXTERIOR ELEVATION



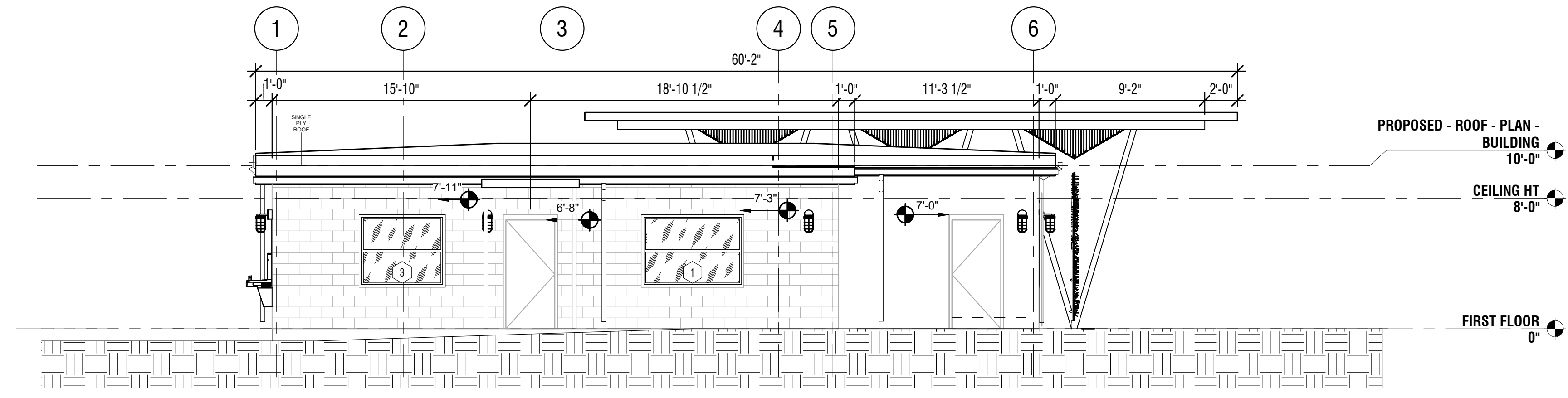
4 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



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



2 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



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

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SHEET TITLE:
PROPOSED - ELEVATIONS - EXTERIOR

SHEET NUMBER:
A2.0

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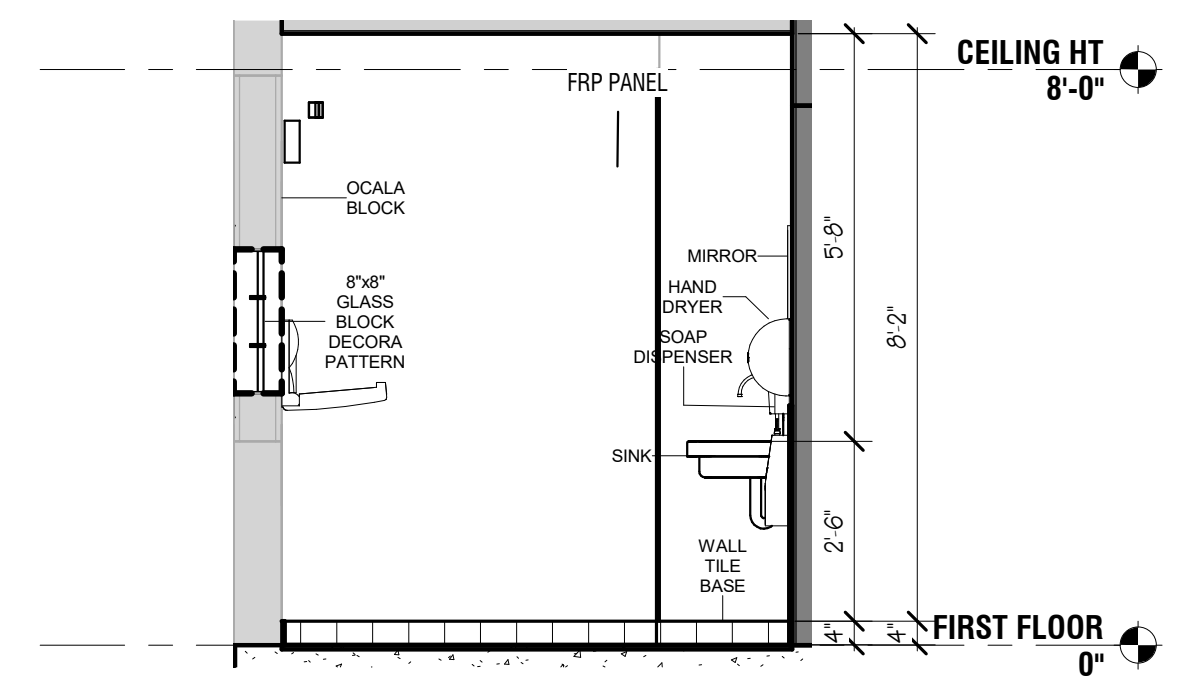
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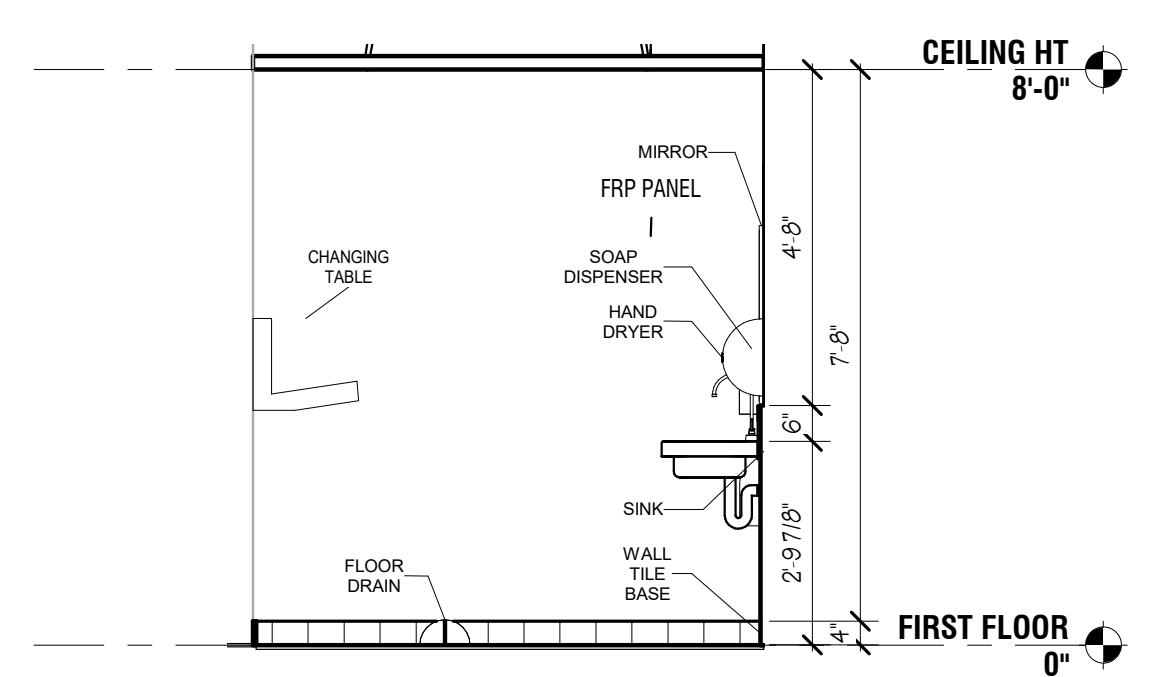
SHEET TITLE:
PROPOSED - ELEVATIONS - INTERIOR

SHEET NUMBER:
A3.0

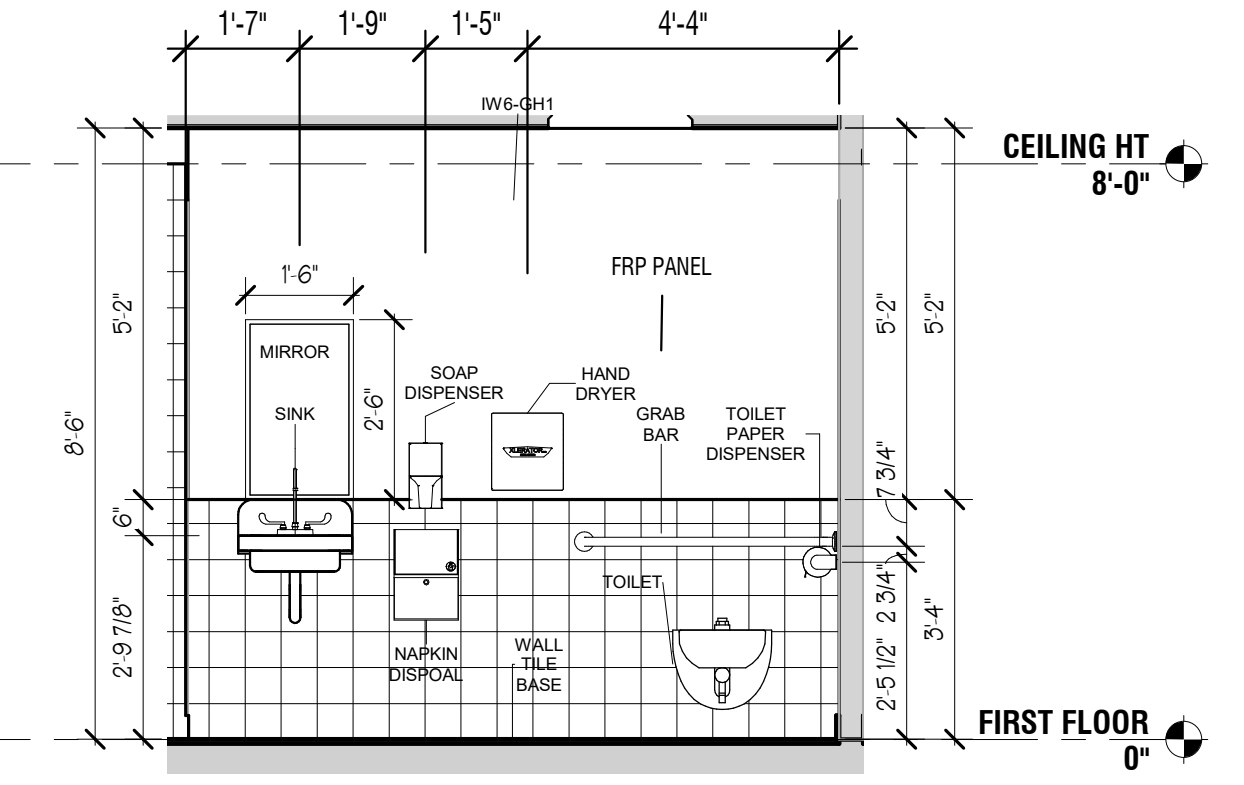
GENERAL NOTES - INTERIOR ELEVATION



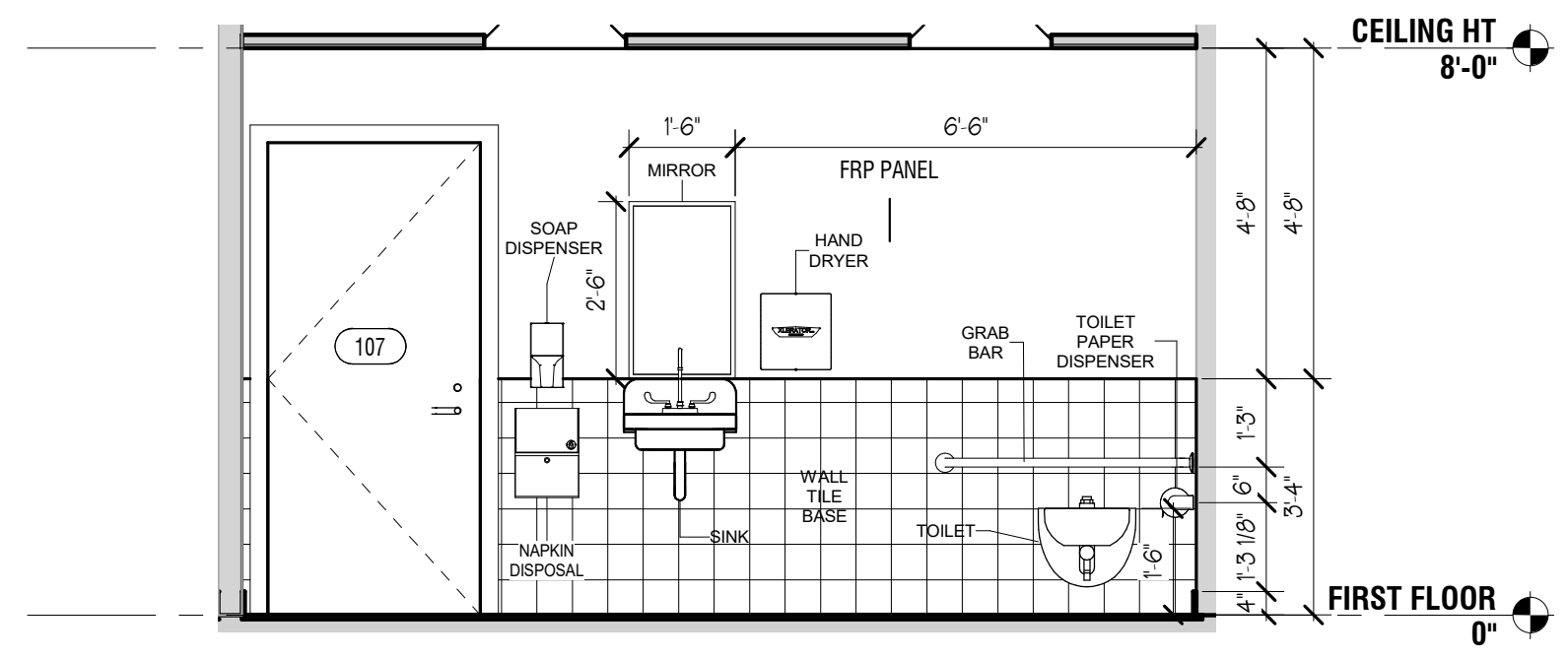
8 PUBLIC RESTROOM SINK SIDE
SCALE: 3/8" = 1'-0"



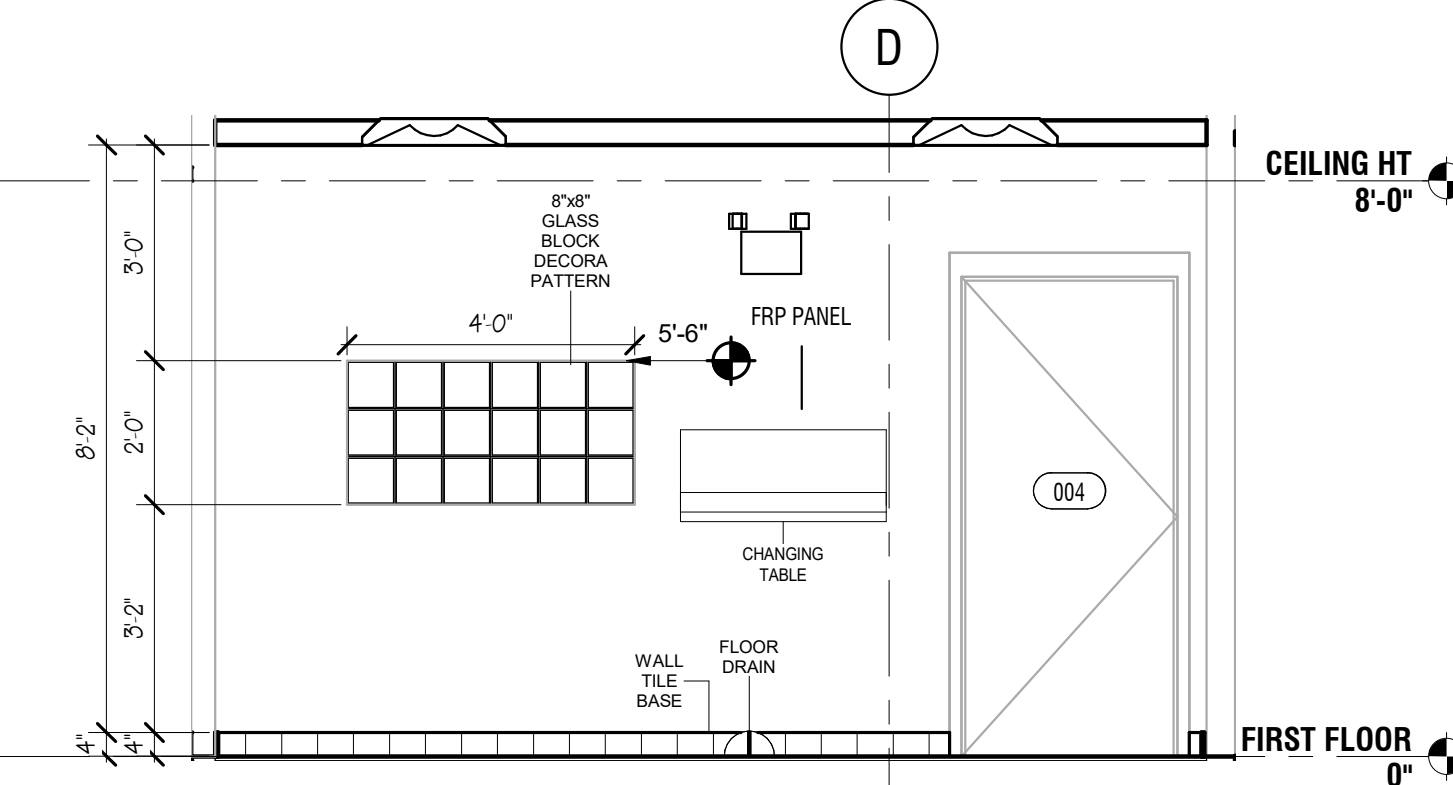
4 TENANT RESTROOM SINK WALL
SCALE: 3/8" = 1'-0"



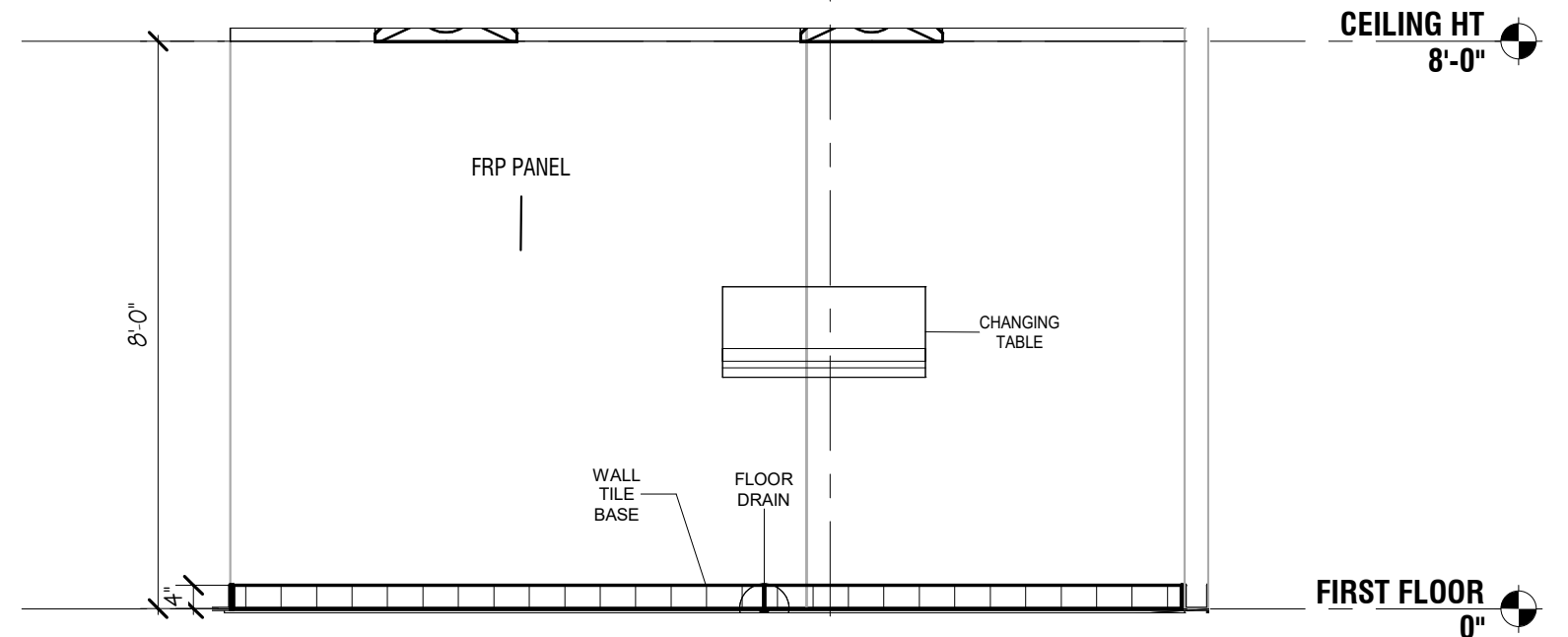
7 PUBLIC RESTROOM
SCALE: 3/8" = 1'-0"



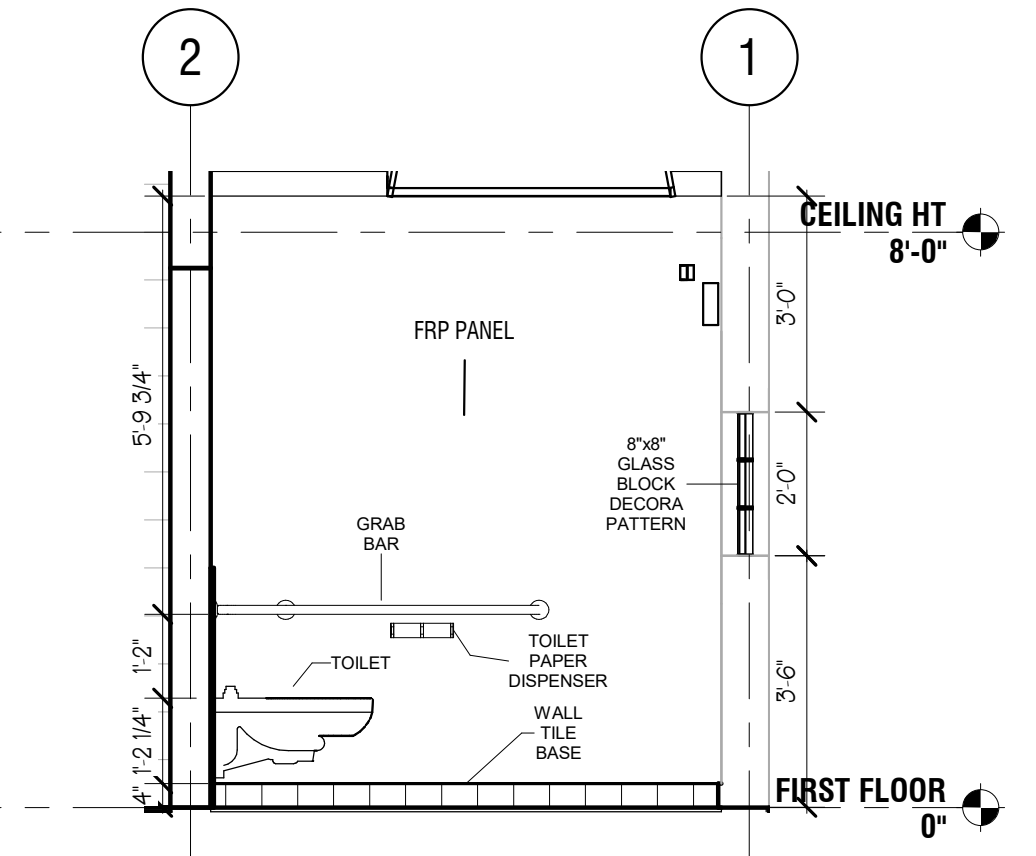
3 TENANT RESTROOM TOILET WALL
SCALE: 3/8" = 1'-0"



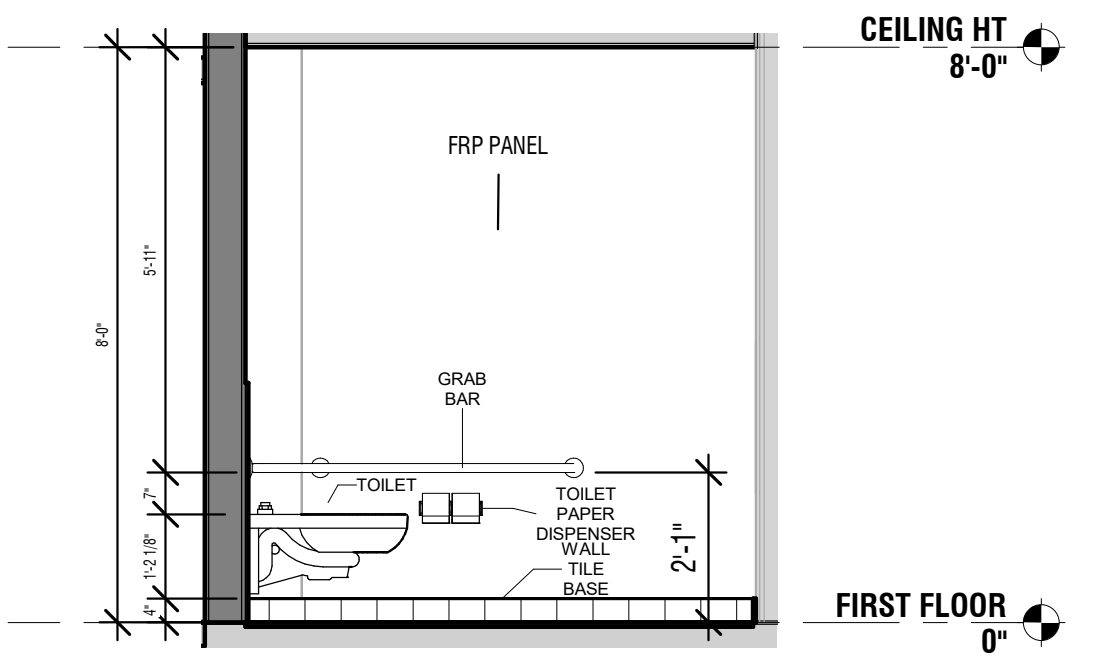
6 PUBLIC RESTROOM NORTH WALL
SCALE: 3/8" = 1'-0"



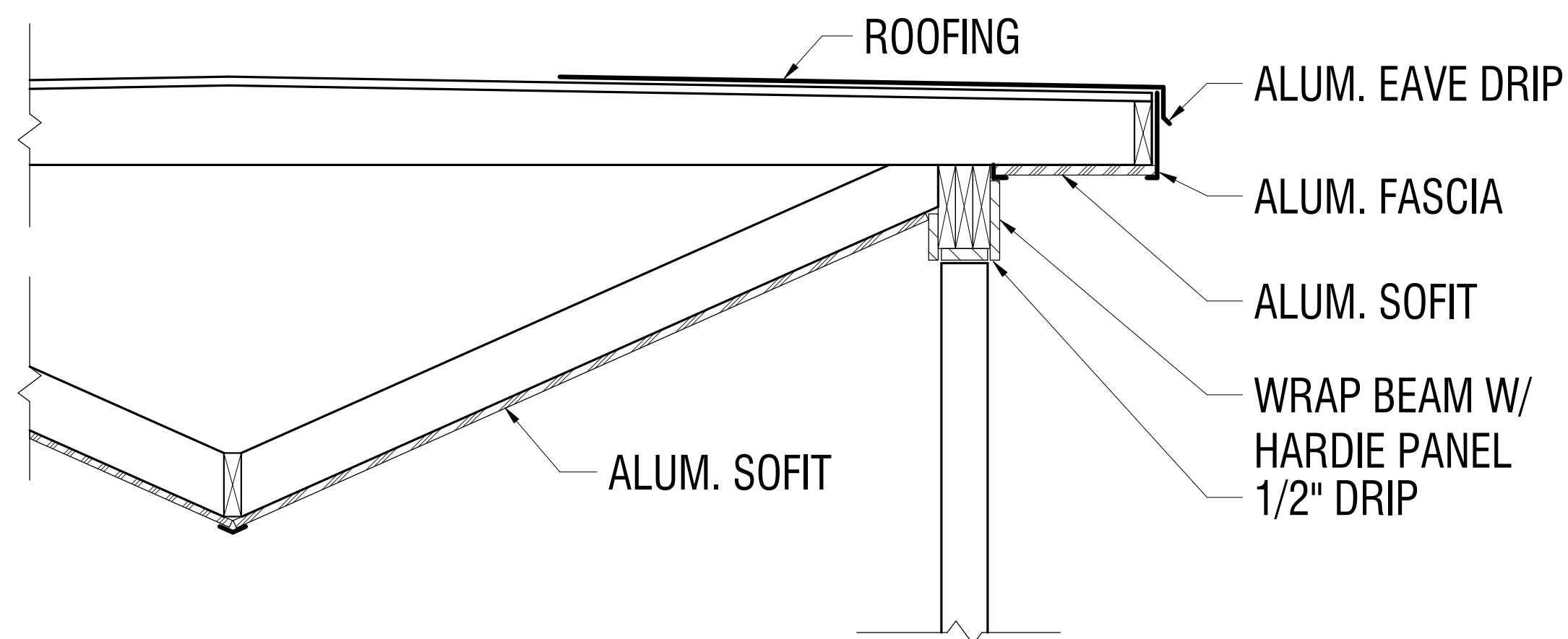
2 TENANT RESTROOM SINK SIDE
SCALE: 3/8" = 1'-0"



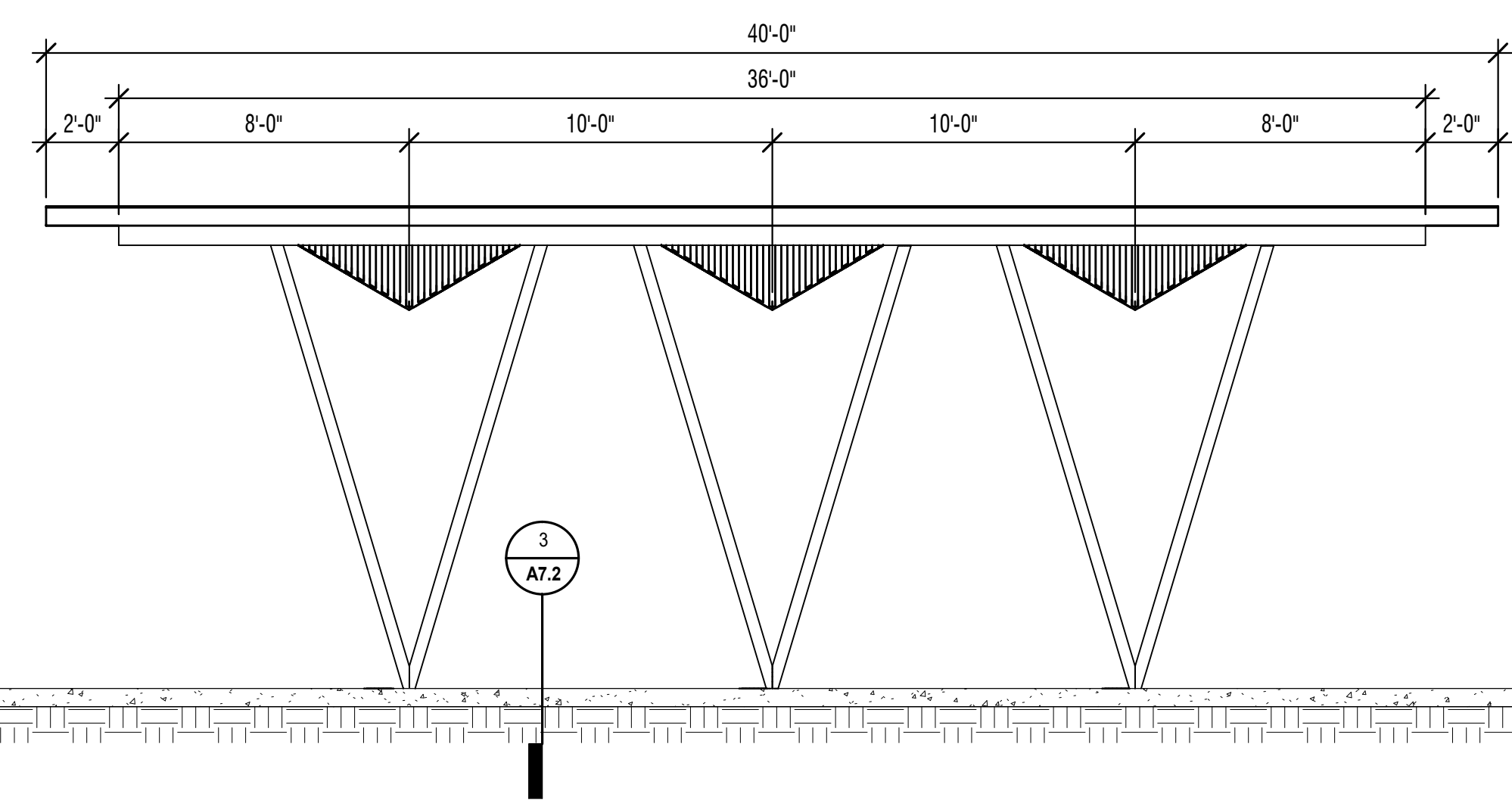
5 PUBLIC RESTROOM TOILET SIDE
SCALE: 3/8" = 1'-0"



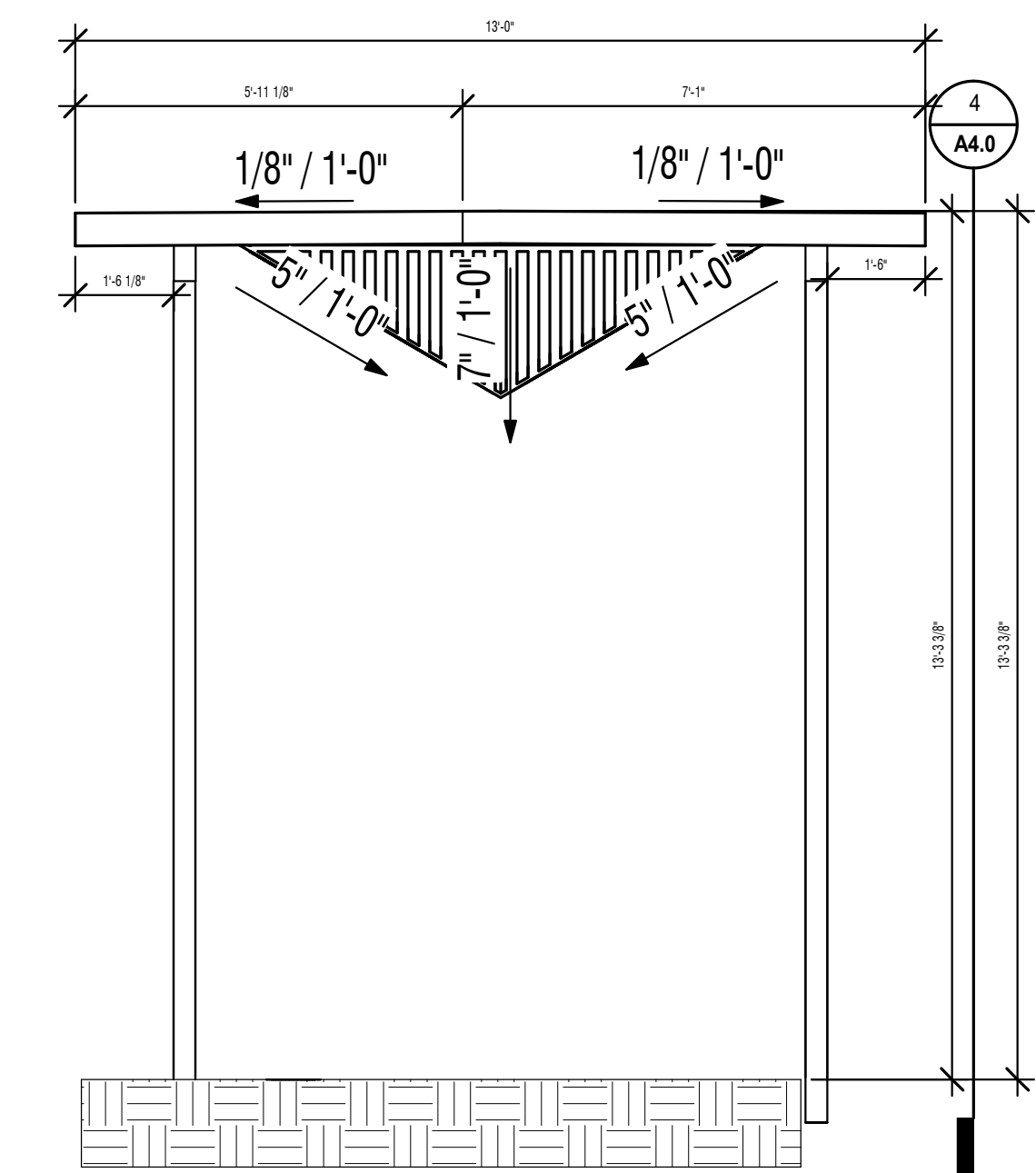
1 TENANT RESTROOM TOILET SIDE
SCALE: 3/8" = 1'-0"



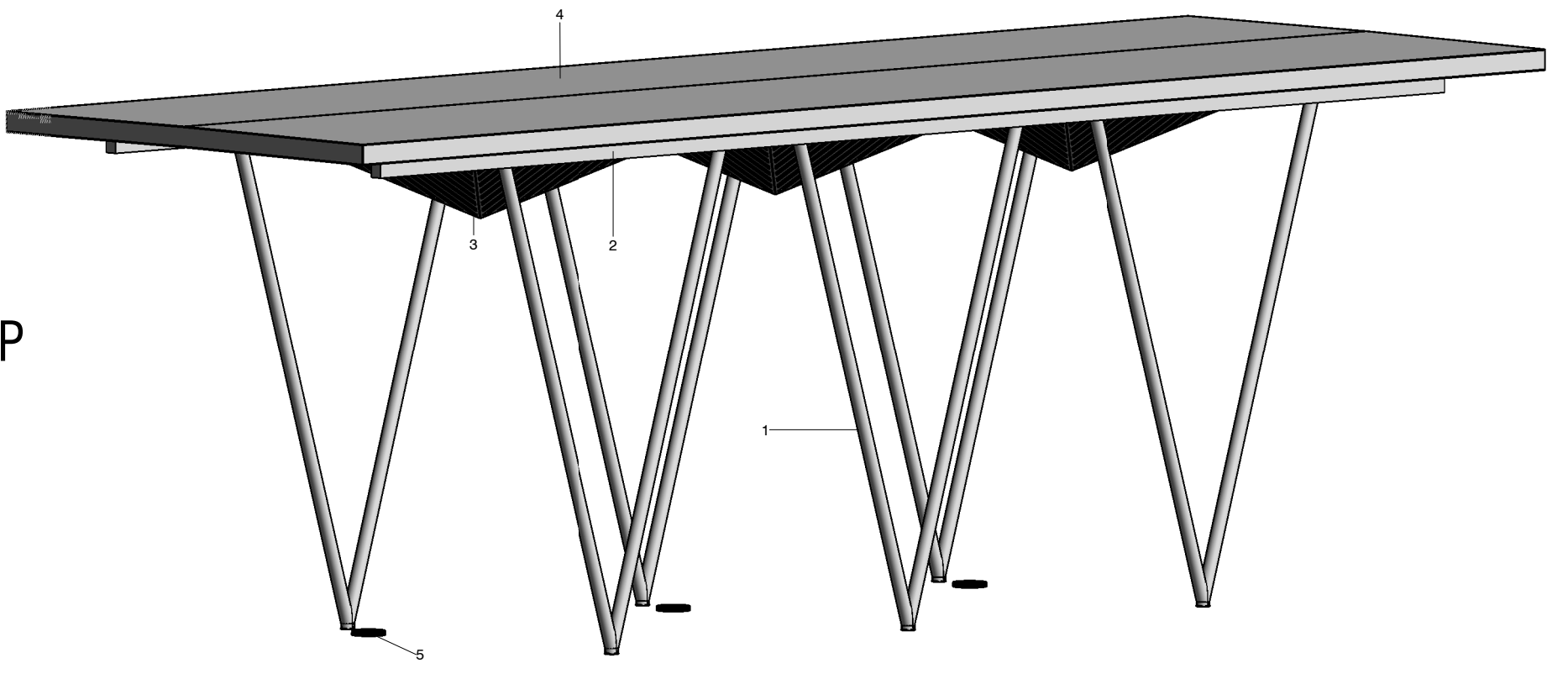
PROPOSED - CANOPY - DETAIL
 SCALE: 1" = 1'-0"



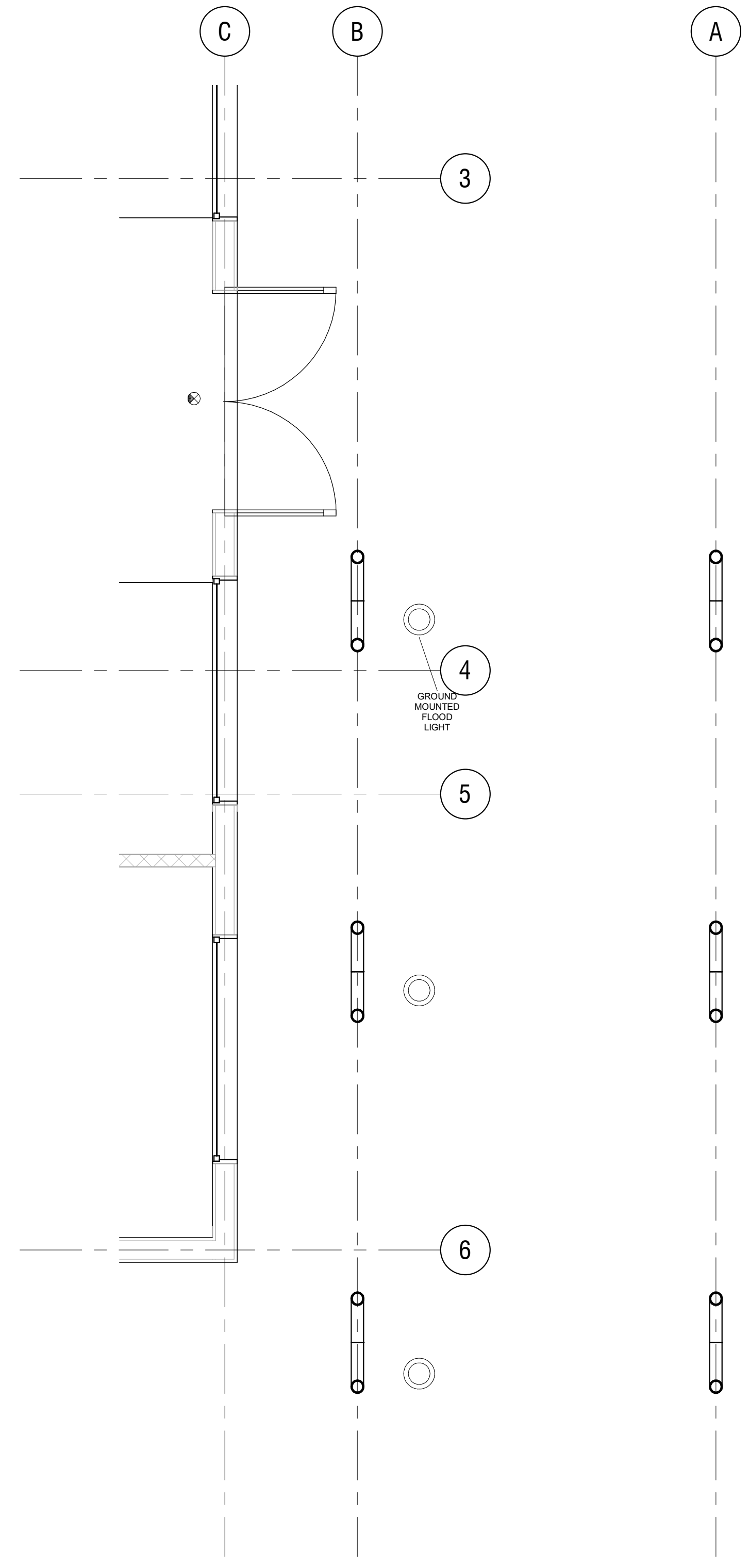
FRONT ELEV
 SCALE: 1/4" = 1'-0"



PROPOSED - ELEVATION - SIDE
 SCALE: 3/8" = 1'-0"

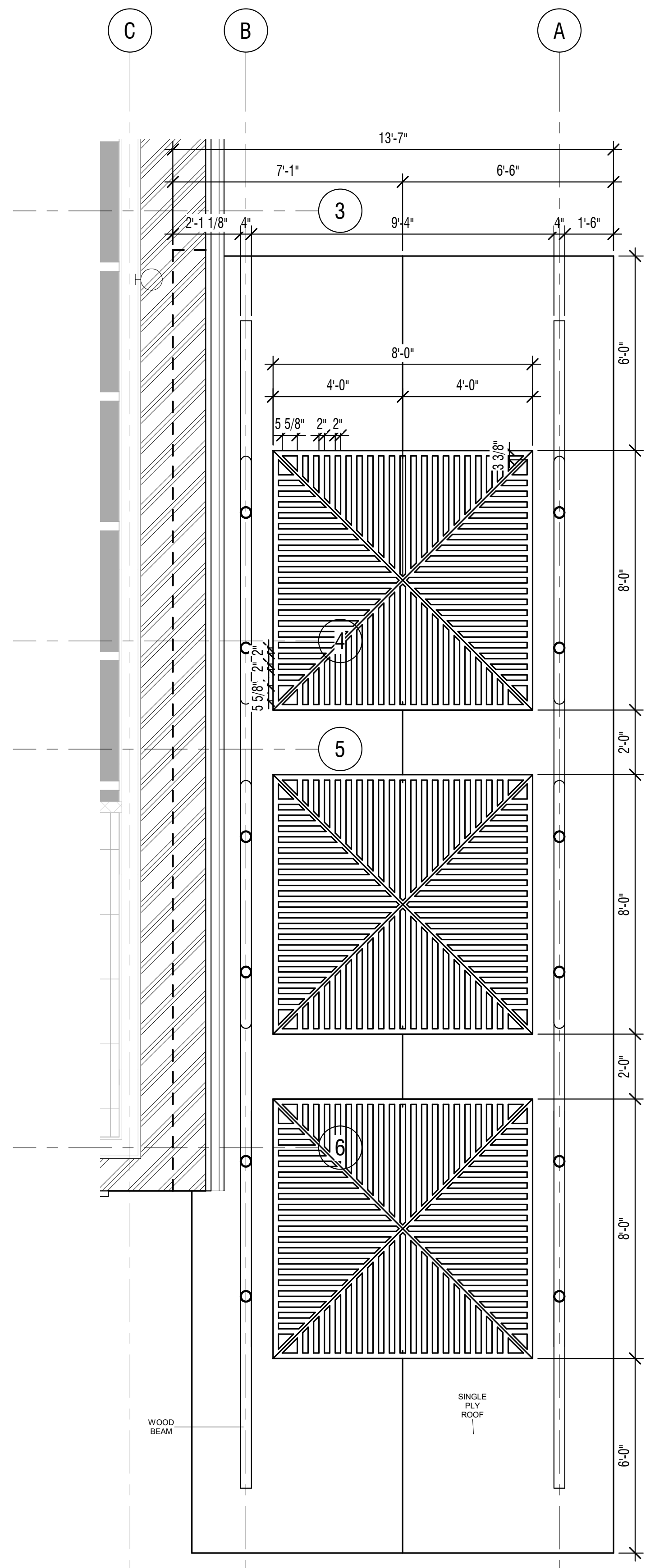


PROPOSED - 3D VIEW
 SCALE:



PROPOSED - PLAN - BASE
 SCALE: 3/8" = 1'-0"

ASSEMBLY COMPONENTS			
Mark	Type Mark	Category	Comments
1	POWDERED COLORED METAL POLE	Structural Columns	1
2	WOOD BEAM	Structural Framing	2
3	2"x4" LUMBER TESSELATING PANEL	Roofs	3
4	SINGLE PLY ROOF	Roofs	4
5	GROUND MOUNTED FLOOD LIGHT	Lighting Fixtures	5



PROPOSED - RCP - TRELLIS
 SCALE: 3/8" = 1'-0"

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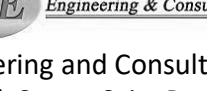
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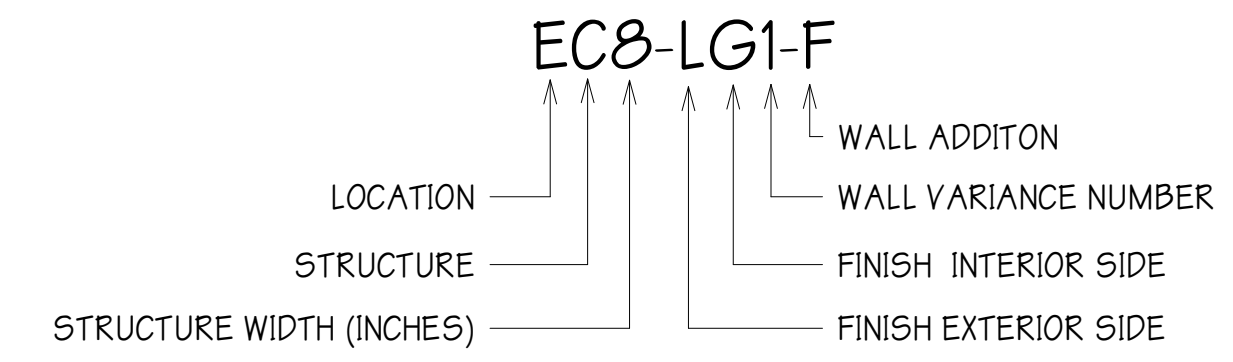
SHEET TITLE:
PROPOSED - CANOPY DETAILS

SHEET NUMBER:
A4.0

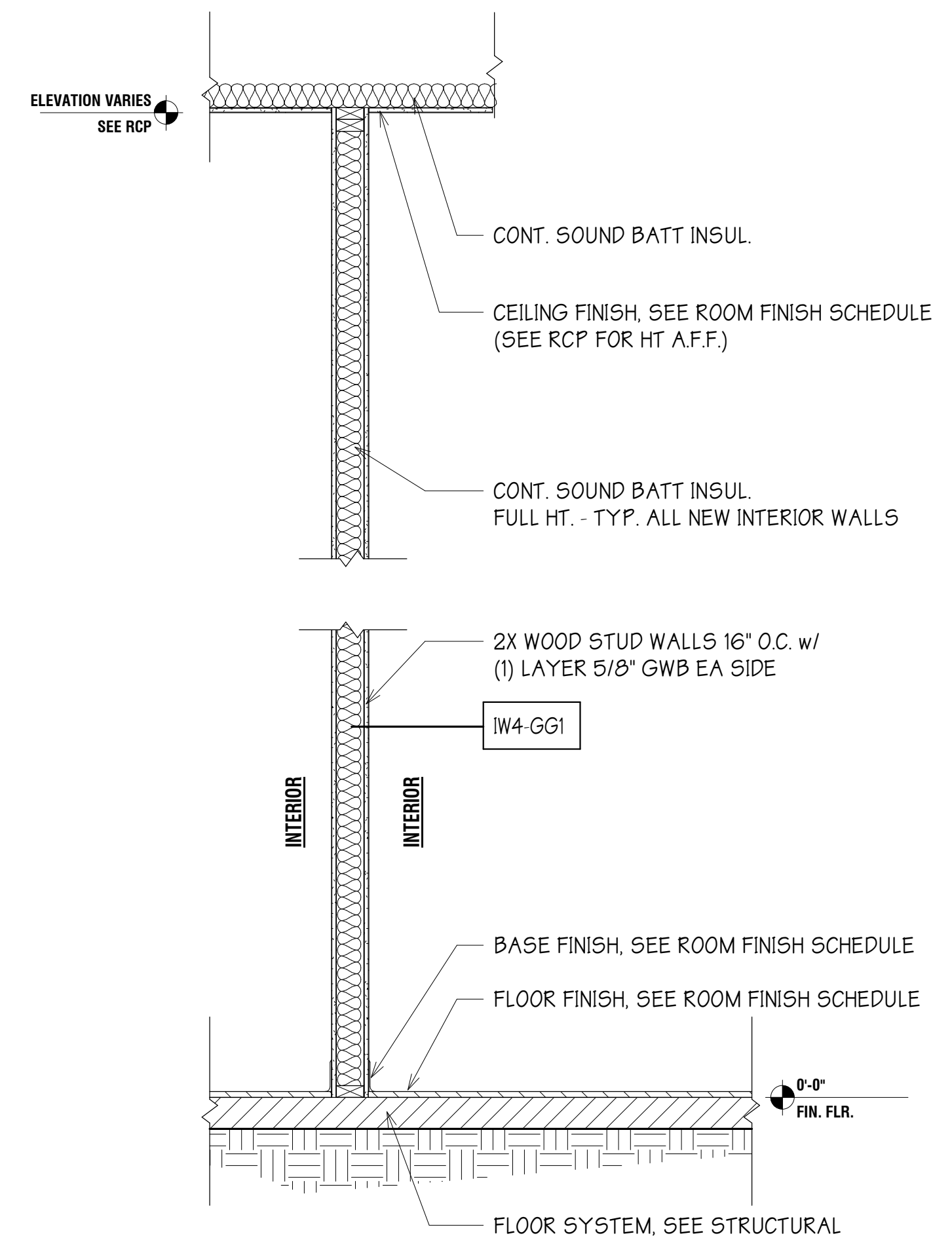
WALL SCHEDULE

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

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SHEET TITLE:
PROPOSED - SECTIONS - WALL

SHEET NUMBER:
A5.0

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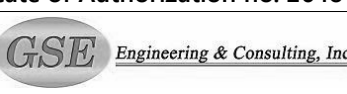
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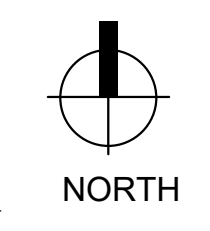
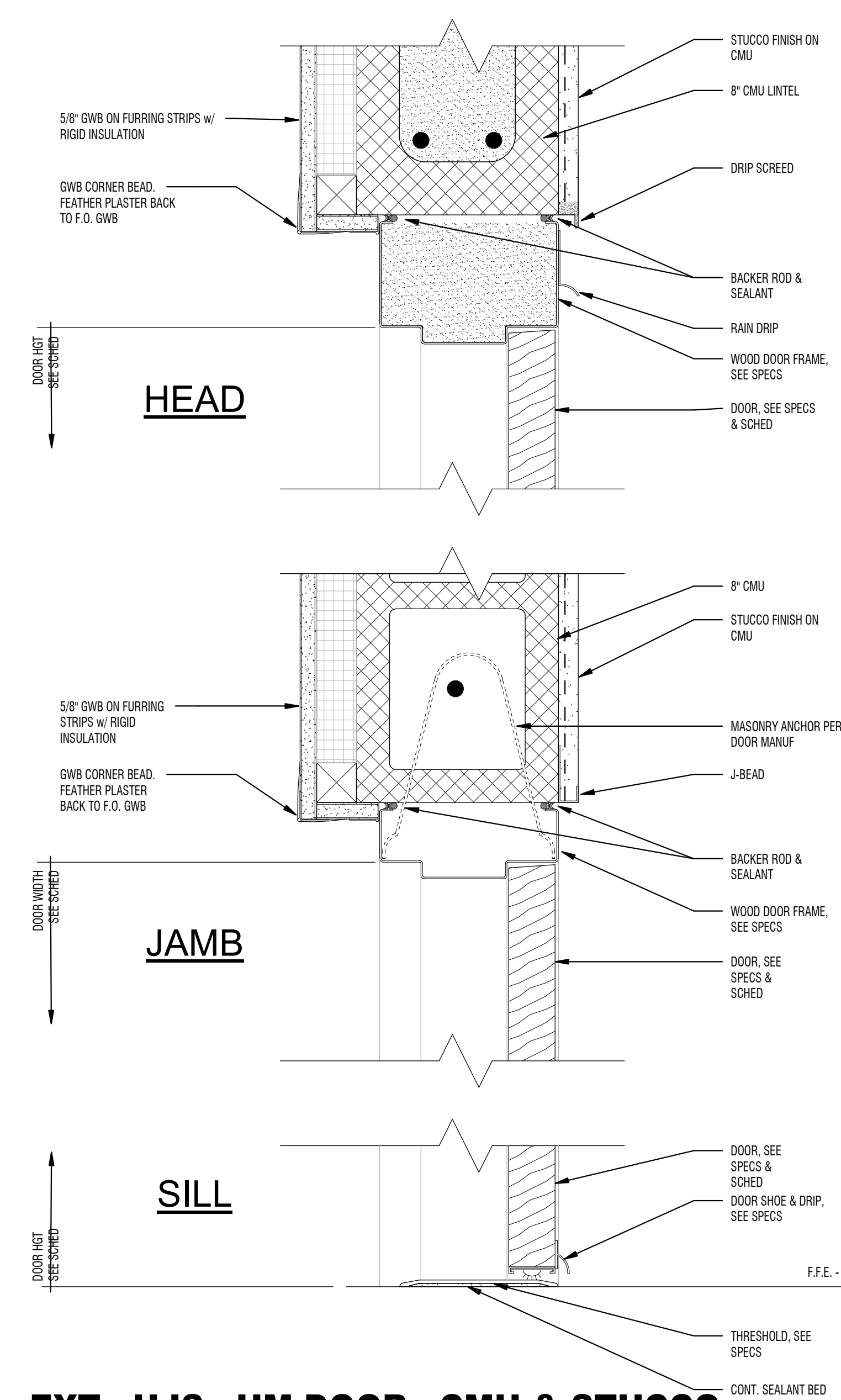
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SHEET TITLE:
PROPOSED - H/J/S DETAILS

SHEET NUMBER:
A6.0



EXT - HJS - HM DOOR - CMU & STUCCO
SCALE: 3" = 1'-0"

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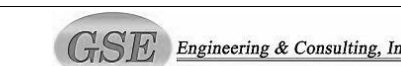
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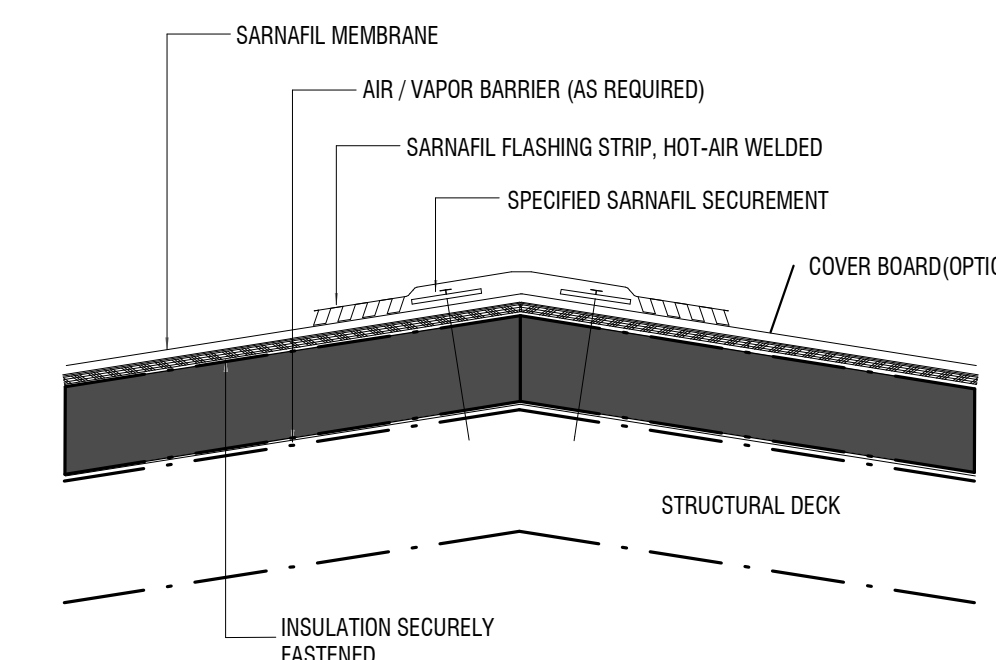
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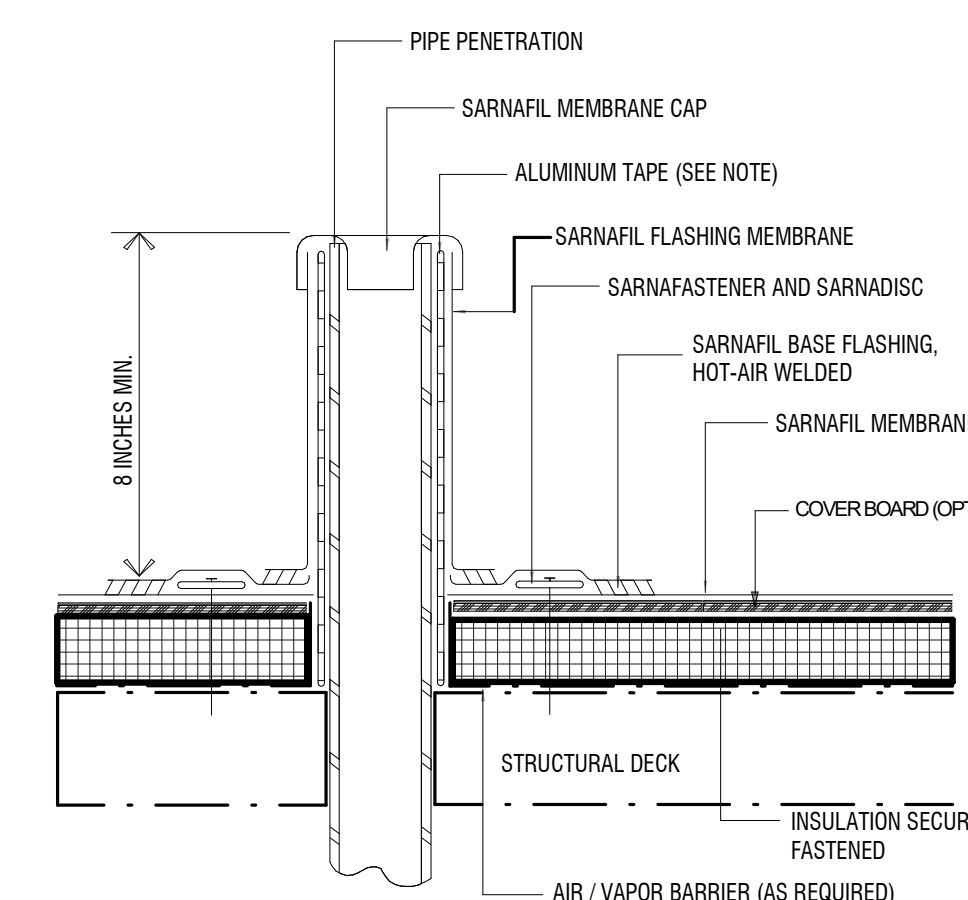
SHEET TITLE:
PROPOSED - DETAILS

SHEET NUMBER:
A7.0



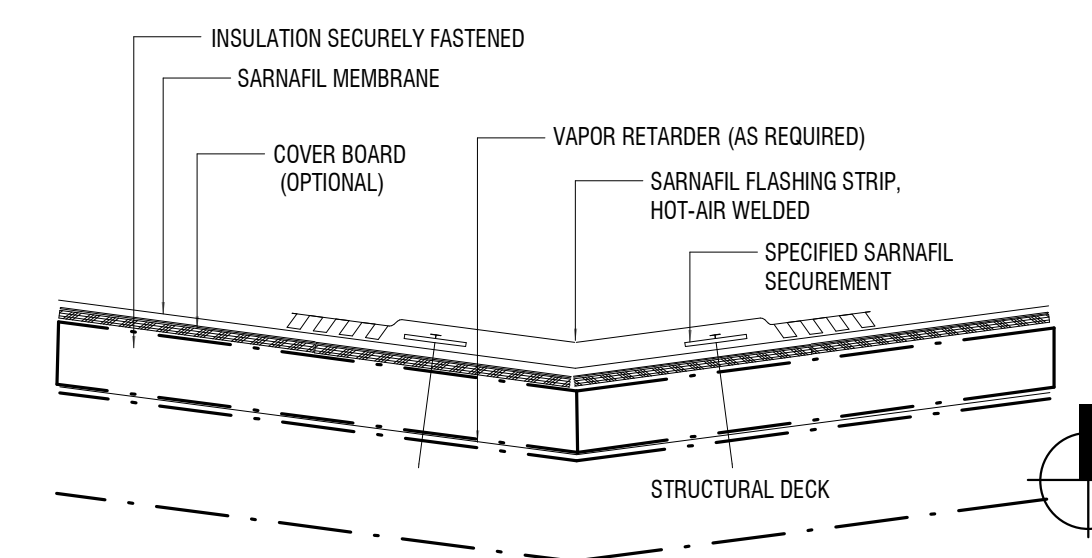
- NOTES:
1) WOOD NAILER TO MATCH HEIGHT OF INSULATION MAY BE REQUIRED AT PEAK IF INSULATION THICKNESS EXCEEDS 2 INCHES.
2) OPTION DETAIL USING SARNAFASTENERS AND SARNADISC SPACING MAY VARY. CONSULT SIKKA SARNAFIL TECHNICAL DEPARTMENT.
3) APPROVED FOR SIKAPLAN AND SIKAPLAN NDL WARRANTIES.

3
A7.0 **PEAK/RIDGE DETAIL**
SCALE: 3" = 1'-0"



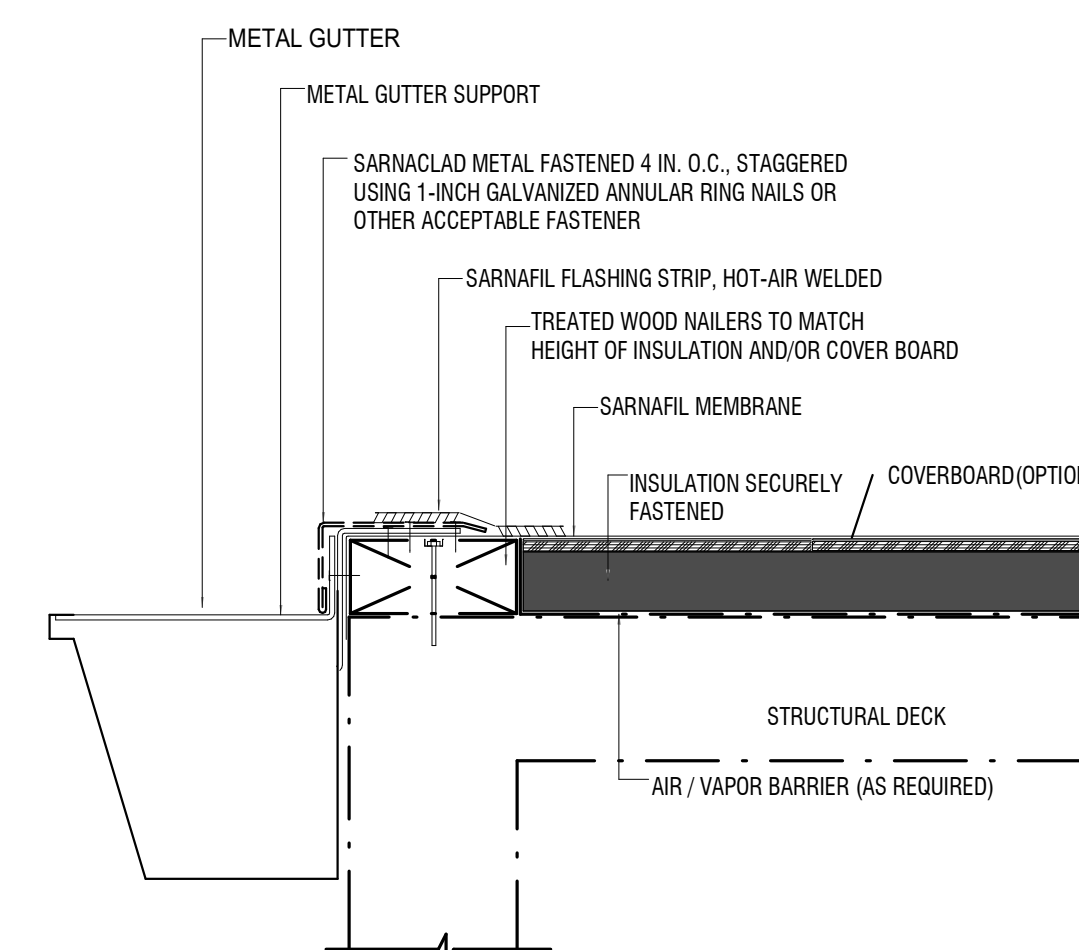
- NOTES:
1) ALUMINUM TAPE IS REQUIRED IF EXISTING PENETRATION IS CONTAMINATED.
2) VAPOR BARRIER SHALL BE SEALED AT EDGES.

2
A7.0 **VENT STACK FLASHING**
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 SIKKA SARNAFIL TECHNICAL DEPARTMENT.
3) VAPOR RETARDER SHALL BE SEALED AT EDGES.

1
A7.0 **VALLEY DETAIL**
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 PREVENTUAL 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.

4
A7.0 **TYPICAL GUTTER/EAVE DETAIL**
SCALE: 3" = 1'-0"

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	DIAMETER
DN	DOWN
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE
EP	ELECTRIC PNEUMATIC
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
FA	FREE AREA IN SQUARE FEET
FC	FAIL CLOSED; FLEXIBLE CONNECTION
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FS	FEET PER MINUTE
FPS	FEET PER SECOND
GAL	GALLON
GALV	GALVANIZED
GEN	GENERATOR
GPM	GALLON PER HOUR
GPM	GALLON PER MINUTE
HB	HORSE BIP
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	MECHANICAL EQUIPMENT ROOM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OOA	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 GAUGE
RA	RETURN AIR
RFM	REVOLUTIONS PER MINUTE
S/S	STAINLESS STEEL
SA	SUPPLY AIR
SD	SPLITTER DAMPER
SEC	SECOND
SP	STATIC PRESSURE
SO FT	SQUARE FOOT
STD	STANDARD
T	THROAT
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TSP	TOTAL STATIC PRESSURE
TT	TOP THROAT
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VOLTAGE
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 DUCT SIZES 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 METALLIZED 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 ENGINEERS 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 AABC. 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 ☒ CEILING DIFFUSER; YYY=AIRFLOW
YYYCFM 24-SQUARE SIZE, XX=NECK SIZE
- 24X24RAG ☒ RETURN AIR GRILLE
YYYCFM XX" YYY=AIRFLOW, XX=NECK SIZE
- 24X24EG ☒ EXHAUST GRILLE
YYYCFM XX" YYY=AIRFLOW, XX=NECK SIZE
- ☒ DUCT ELBOW (TURNING VANES SHOWN)
- ☒ FLEXIBLE DUCT CONNECTION
- ☒ EQUIPMENT TAG
XX=EQUIP. TYPE, 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.
- FLORIDA BUILDING CODE - SIXTH EDITION (2017)
 - FLORIDA BUILDING CODE - SIXTH EDITION (2017) - EXISTING BUILDING
 - FLORIDA BUILDING CODE - SIXTH EDITION (2017) - MECHANICAL
 - FLORIDA BUILDING CODE - SIXTH EDITION (2017) - ENERGY CONSERVATION
 - FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017)
 - FIRE CODE (NFPA 1 - 2015 FLORIDA EDITION)
 - LIFE SAFETY CODE (NFPA 101 - 2015 FLORIDA EDITION)
 - NATIONAL ELECTRIC CODE (NFPA 70 - 2014)
 - 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)

EXHAUST FAN SCHEDULE

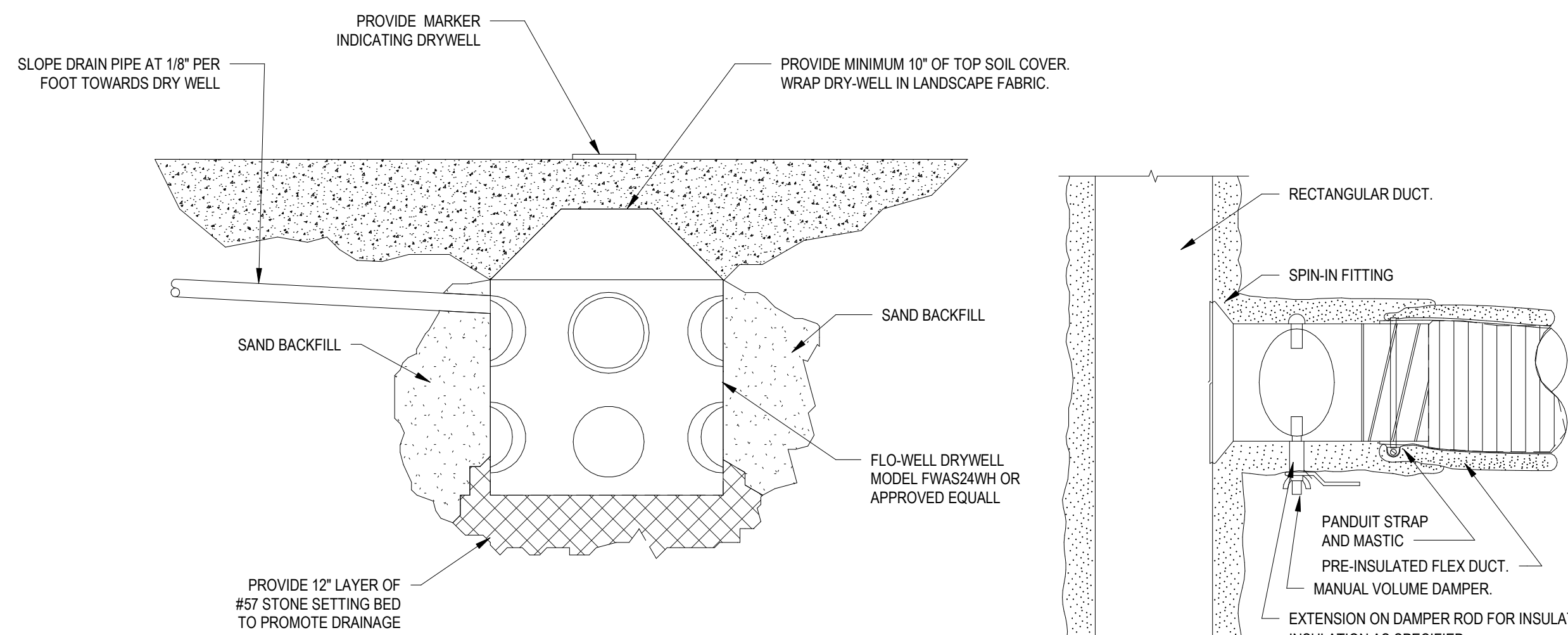
MANUFACTURER	GREENHECK	GREENHECK
MODEL	SP-A200	SP-A200
UNIT TYPE	BATHROOM - CEILING	BATHROOM - CEILING
FAN MARK	EF-1	EF-2
DRIVE	DIRECT	DIRECT
AIRFLOW (CFM)	125	125
EXTERNAL STATIC PRESSURE (INCH WG)	0.4	0.4
FAN SPEED (RPM)	778	778
FAN POWER (WATT)	32	32
MOTOR PHASE (HP)	FRACTIONAL	FRACTIONAL
	120-1	120-1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

1) PROVIDE WALL CAP WITH BACKDRAFT DAMPER
2) PROVIDE DIRECT DRIVE WITH SPEED CONTROLLER

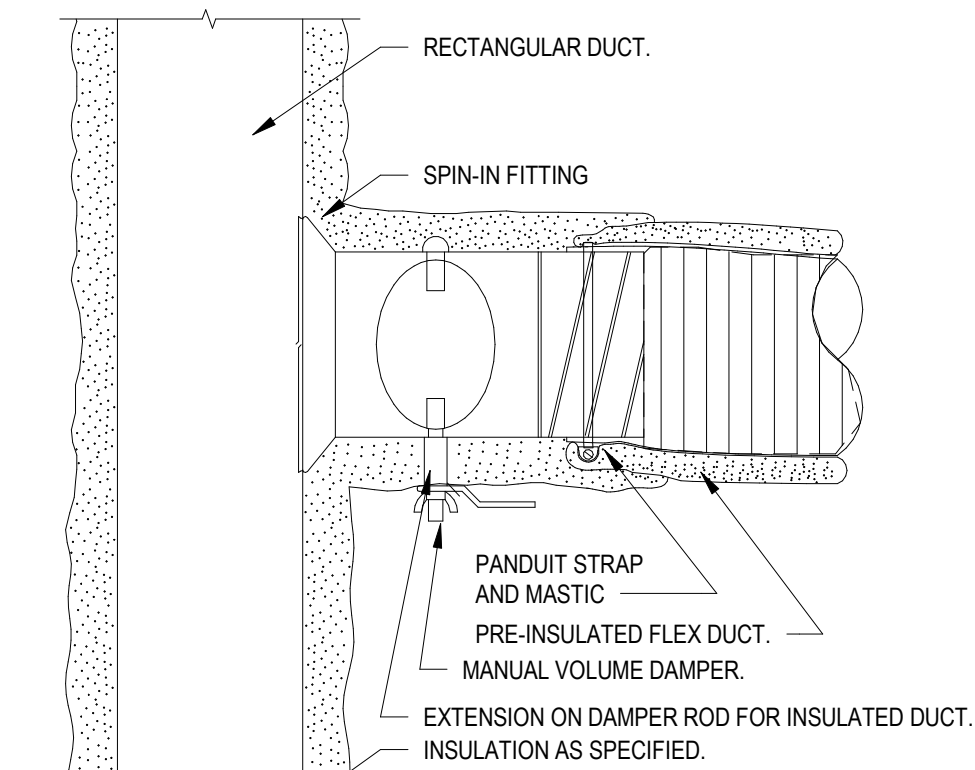
VENTILATION AIR SCHEDULE

ROOM #	ROOM DESCRIPTION	AREA (SF)	OCCUPANCY (PEOPLE)	SUPPLY AIR (SA) SOURCE	OPERABLE OPENING REQUIRED (SF) (1)	OPERABLE OPENING PROVIDED (SF)	MECHANICAL VENTILATION		
							REQUIRED (CFM) (1)	PROVIDED (CFM) (2)	
101	MEETING RM	814	20	650	33	40	0	85	
102	OFFICE	175	2	320	7	0	20	40	
103	OFFICE	140	2	170	6	0	18	20	
104	CLOSET	245	0	220	10	20	0	30	
112	OFFICE	131	2	300	5	0	18	40	
201	RESTROOM	87	1	85	0	0	0	10	
TOTAL								225	
105	OFFICE	180	2	140	7	0	21	25	
107	RESTROOM	94	1	85	0	0	0	10	
109	KITCHEN	102	1	290	0	0	0	40	
110	OFFICE	136	2	200	5	0	18	30	
111	OFFICE	224	3	280	9	0	28	40	
CORRIDOR	CORRIDOR	170	0	50	7	21	0	10	
TOTAL								155	

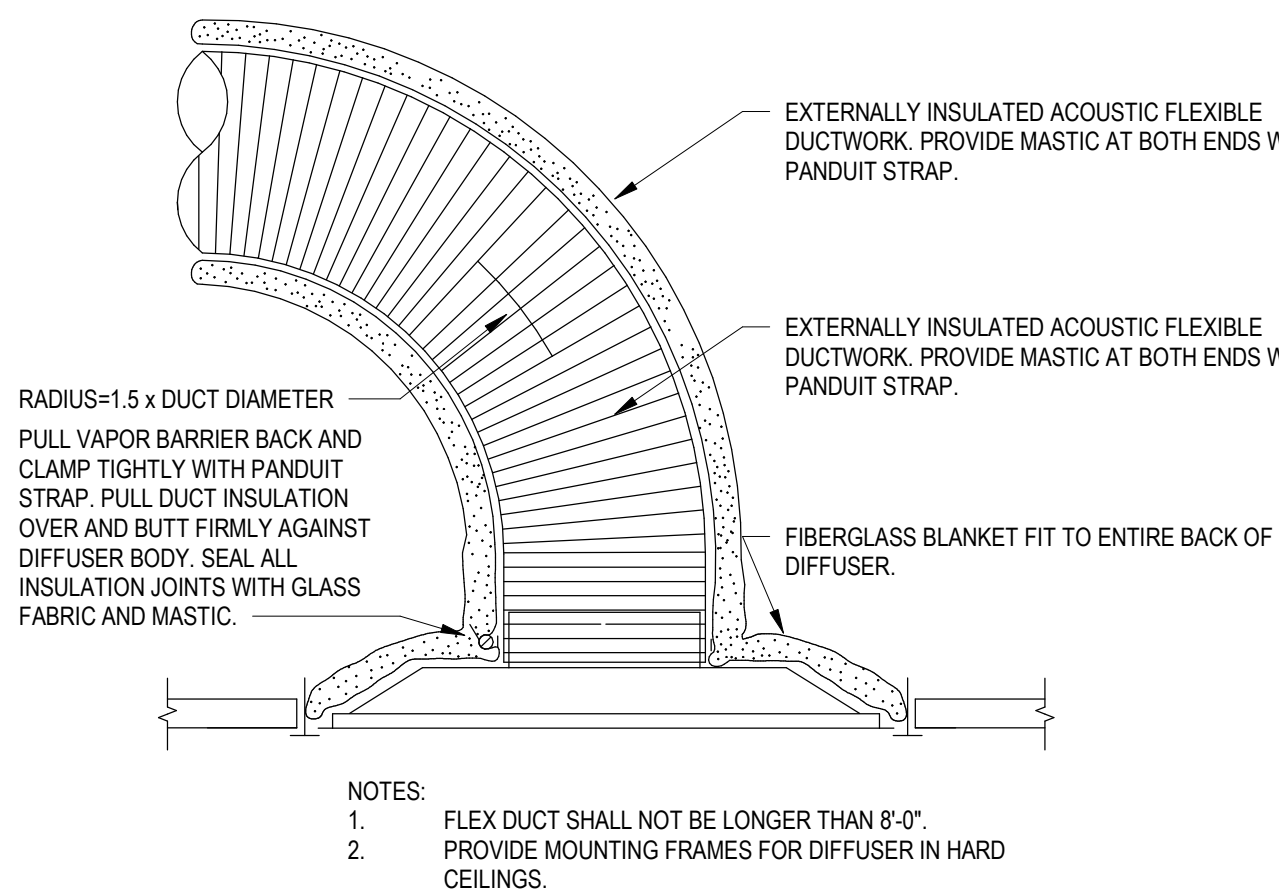
- (1) PER FBC MECHANICAL TABLE 403.3
(2) ZONE AIR DISTRIBUTION EFFECTIVENESS USED = 1.0



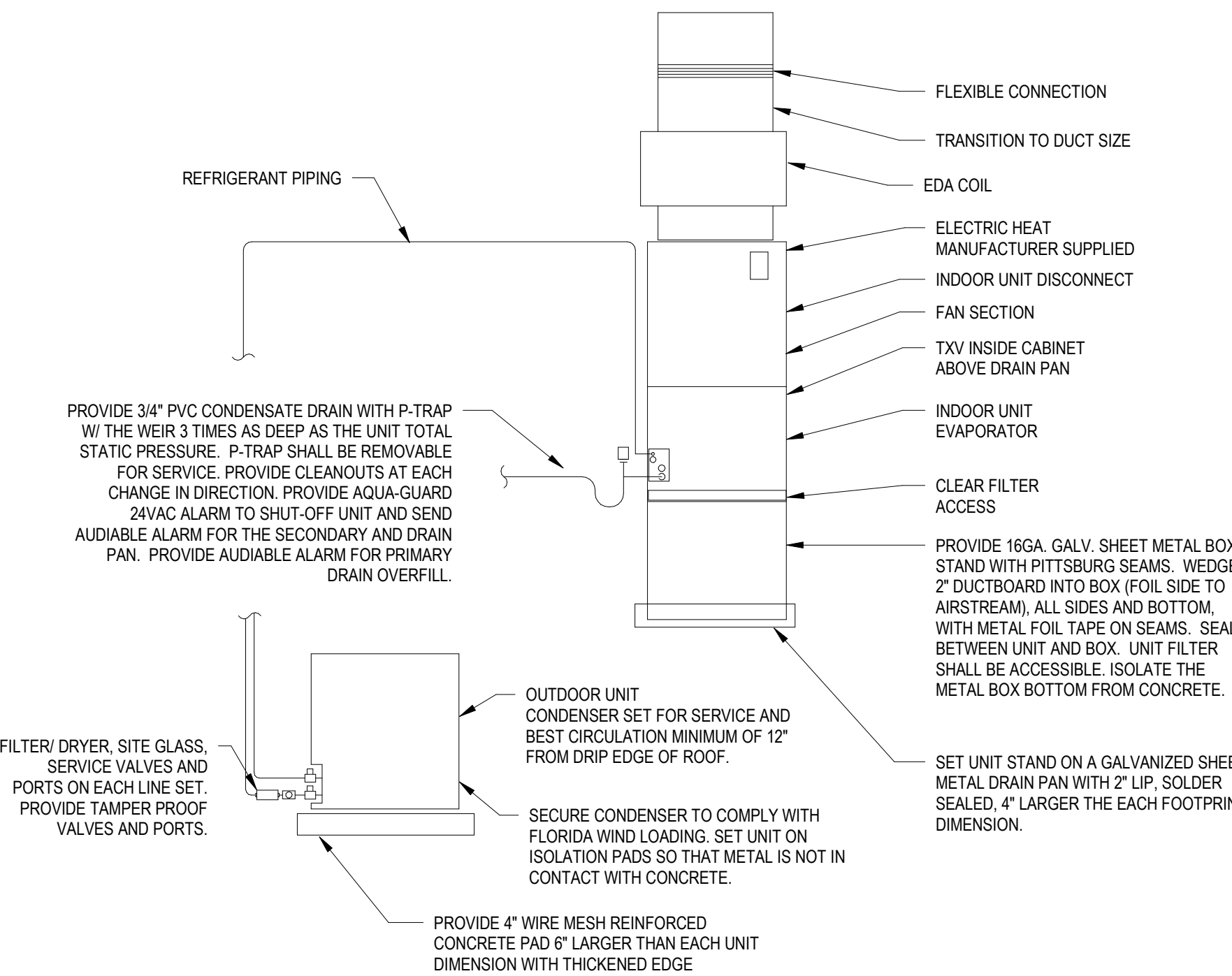
4 DRY-WELL DETAIL
NOT TO SCALE



3 TYPICAL FLEXIBLE DUCT TAKEOFF DETAIL
NOT TO SCALE



2 TYPICAL CEILING DIFFUSER DETAIL
NOT TO SCALE



1 TYPICAL SPLIT SYSTEM INSTALLATION DETAIL
NOT TO SCALE

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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REVISION

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

REVISION DESCRIPTION DATE

SHEET TITLE:

MECHANICAL - LEGEND, CODES AND ABBREVIATIONS

SHEET NUMBER:

M-001

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
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SEAL:

NOT FOR CONSTRUCTION

PROJECT NO: 18-050
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ISSUED FOR: 90% REVIEW
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REVISIONS:

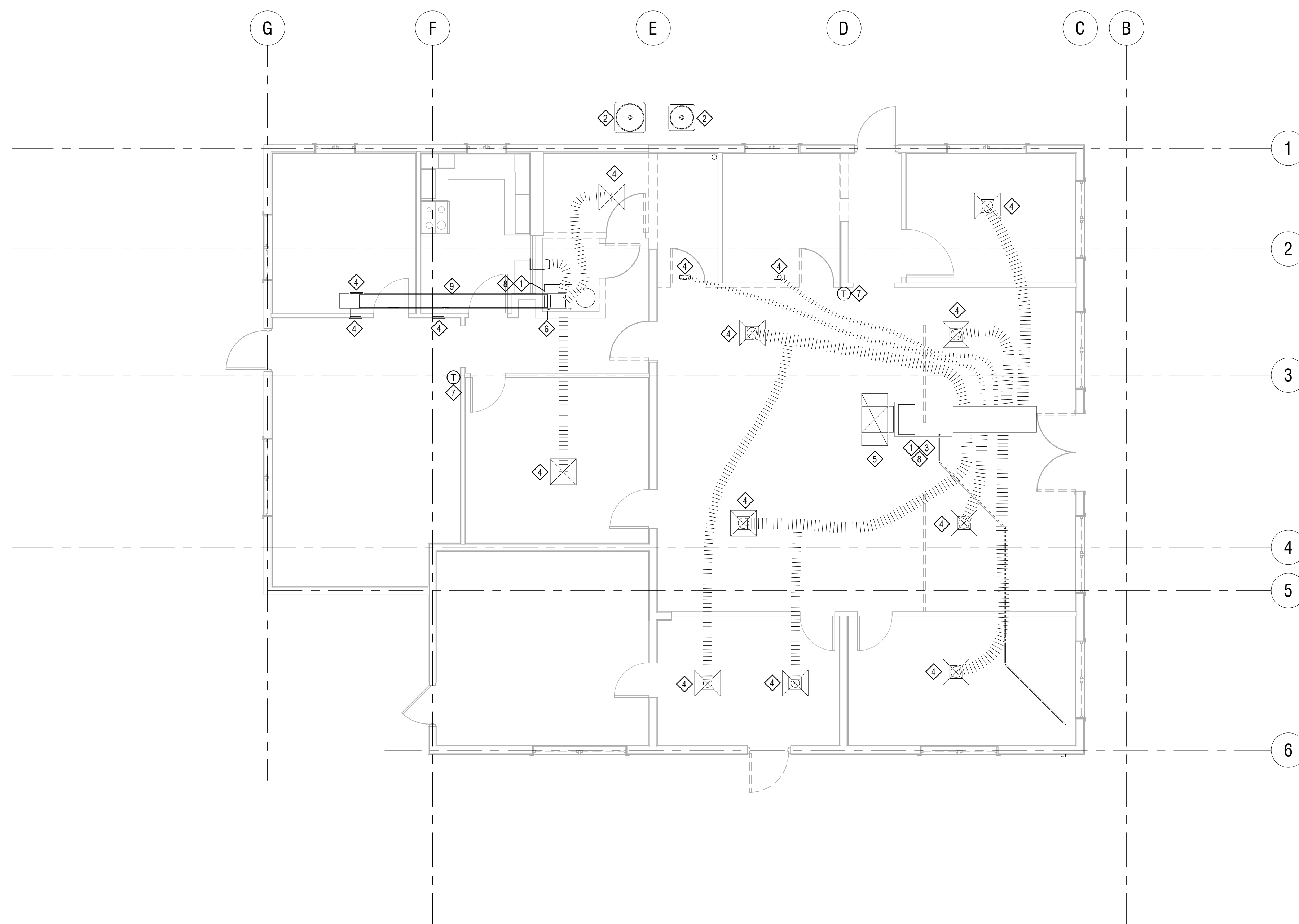
REVISION	DESCRIPTION	DATE
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SHEET TITLE:
MECHANICAL FLOOR PLAN - DEMOLITION

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 GAS FURNACE. DEMOLISH EXISTING VENT. CAP AND WEATHER PROOF THE VENT ROOF PENETRATION.
4. DEMOLISH EXISTING SUPPLY OPENING AND ASSOCIATED DUCT RUNOUT.
5. DEMOLISH EXISTING RETURN GRILLE AND ASSOCIATED RETURN DUCT.
6. DEMOLISH EXISTING RETURN AIR PLENUM AND RETURN GRILLE.
7. DEMOLISH EXISTING THERMOSTAT AND WIRING.
8. DEMOLISH EXISTING CONDENSATE DRAIN PIPING. CAP AT EXISTING DISPOSAL POINT.
9. EXISTING DUCT TO REMAIN.



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

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REVISIONS:

REVISION	DESCRIPTION	DATE
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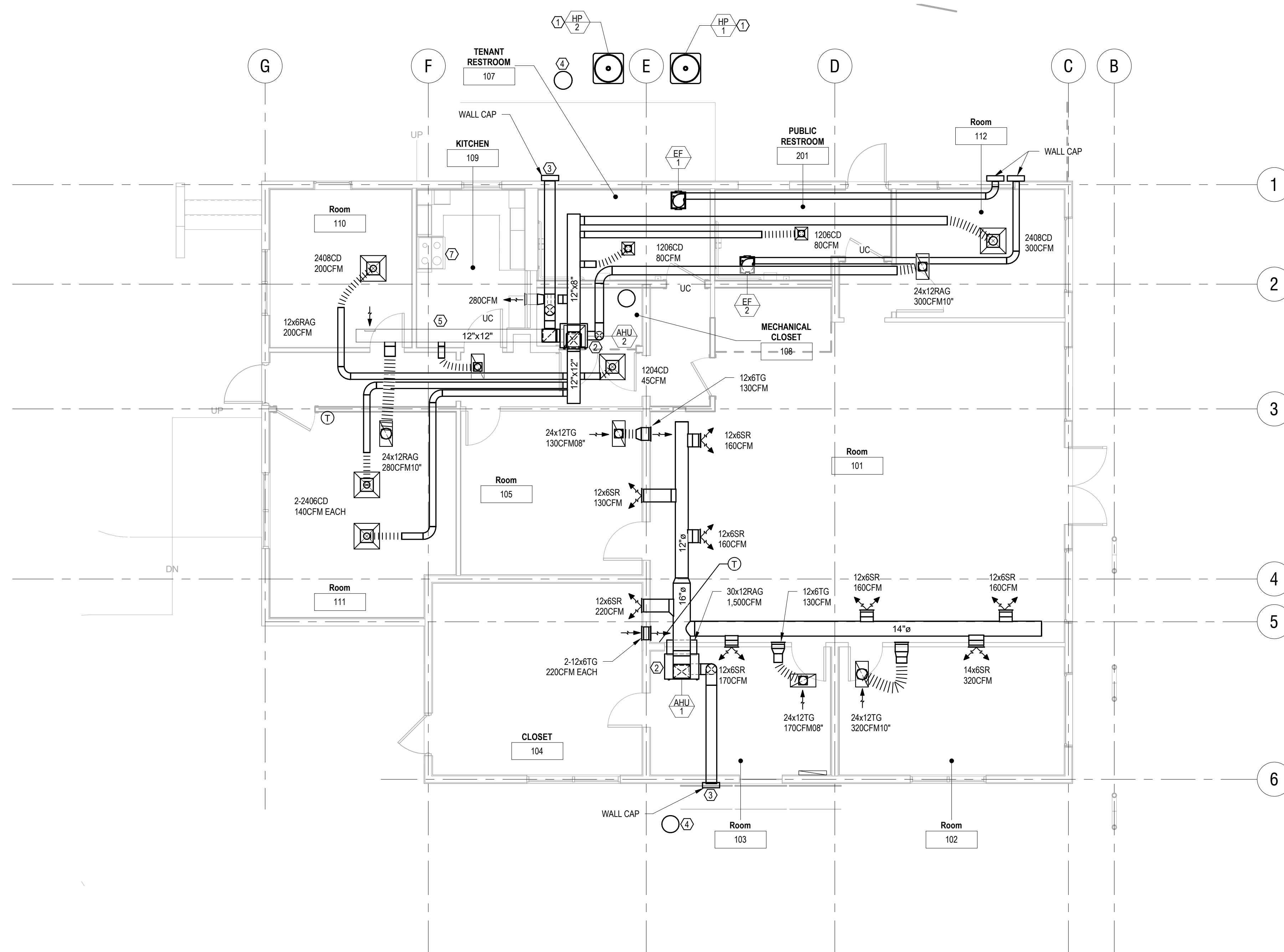
SHEET TITLE:
MECHANICAL FLOOR PLAN

SHEET NUMBER:

M-102

SHEET NOTES: ①②③④⑤⑥⑦

- 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 M001 FOR REQUIREMENTS.
- INSTALL NEW AHU ON INSULATED PLENUM BOX. PROVIDE BALANCING DAMPER ON RA DUCT MAIN.
ROUTE NEW OA DUCT TO EXTERIOR WALL. PROVIDE INSECT SCREEN. PROVIDE MOTORIZED OA DAMPER TO CLOSE WHEN UNIT IS OFF.
- ROUTE CONDENSATE DRAIN PIPING TO NEW DRY WELL. SEE DETAIL ON SHEET M001 FOR REQUIREMENTS.
- REUSE EXISTING DUCT CONNECT NEW RUNOUTS AS INDICATED.
- INSTALL NEW EXHAUST FAN IN CEILING WHERE INDICATED. ROUTE DUCT ABOVE CEILING TO EXTERIOR WALL. PROVIDE WALL CAP.
- EXISTING RANGE HOOD PROVIDES KITCHEN EXHAUST.



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

PLUMBING GENERAL NOTES

- COORDINATE WORK WITH OTHER TRADES. PROVIDE OFFSETS AND RELOCATE AS REQUIRED TO INSTALL A COMPLETE SYSTEM WITHOUT INTERFERING WITH OTHER TRADES. COORDINATE ANY NECESSARY CHANGES WITH THE GENERAL CONTRACTOR.
- VERIFY INVERT ELEVATIONS WITH THE CIVIL DRAWINGS AND ON SITE CONDITIONS PRIOR TO INSTALLING ANY SYSTEM. ADJUST SYSTEM INVERT ELEVATIONS AND PROVIDE OFFSETS TO ACCOMMODATE EXISTING CONDITIONS.
- CONTRACTOR SHALL INSTALL ALL SYSTEMS IN THEIR ENTIRETY ACCORDANCE WITH REFERENCED CODES, STANDARDS, DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL VISIT THE PROJECT SITE TO ACQUAINT THEMSELVES WITH THE EXISTING PROJECT CONDITIONS.
- CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE OWNER AND GENERAL CONTRACTOR PRIOR TO ANY SYSTEM SHUT DOWN. PROVIDE ONE WEEK OF PRIOR NOTICE.
- DO NOT CUT ANY BUILDING STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER. PROVIDE OPENINGS IN THE STRUCTURE PER THE STRUCTURAL ENGINEER'S DIRECTIONS PRIOR TO OR DURING STRUCTURE INSTALLATION. (SEE STRUCTURAL DRAWINGS.) REQUEST INFORMATION WHEN REQUIRED TO VERIFY STRUCTURAL REQUIREMENTS WITH THE GENERAL CONTRACTOR.
- DO NOT HAMMER THROUGH CONCRETE WALLS TO INSTALL ANY ITEM. CORE DRILL, CUT HOLES OR PROVIDE SLEEVES DURING WALL INSTALLATIONS. DAMAGE DONE BY OTHER MEANS TO BLOCK WALLS SHALL BE REPAIRED TO THE SATISFACTION OF THE ARCHITECT.
- PROVIDE BOTH DEEP SEAL TRAPS AND (TRAP PRIMER VALVES & CONNECTIONS) FOR FLOOR DRAINS IN AREAS OTHER THAN SHOWERS OR AS NOTED FOR KITCHEN FLOOR DRAINS. VERIFY EACH FLOOR DRAIN LOCATION WITH THE GENERAL CONTRACTOR SO THAT PROPER FLOOR SLOPES CAN BE PROVIDED. FLOOR DRAINS THAT DO NOT ACCEPT WATER DUE TO IMPROPER FLOOR SLOPES WILL NOT BE ACCEPTABLE. INSTALL SUCH THAT NO TRIP HAZARD IS PRESENT WHEN COMPLETED, MEANING THE TOP SHALL BE FLUSH WITH FINISHED FLOOR.
- PROVIDE ACCESS TO ITEMS PLACED IN WALLS OR ABOVE CEILINGS. ABOVE CEILING ITEMS SHALL BE ACCESSIBLE FROM A 6' LADDER.
- ANY PIPING PASSING THROUGH A FOUNDATION WALL SHALL BE PROVIDED WITH A RELIEVING ARCH OR A PIPE SLEEVE TWO PIPE SIZES LARGER THAN THE PIPE PASSING THROUGH THE FOUNDATION, PER THE FLORIDA PLUMBING CODE. MODIFICATIONS TO STRUCTURE REQUIRE THE STRUCTURAL ENGINEER'S DIRECTION. NOTIFY GENERAL CONTRACTOR OF INTERFERENCES PRIOR TO INSTALLATION. PIPING SHALL NOT PASS THROUGH OR BELOW BUILDING FOOTINGS.
- PROTECT PIPES FROM CONTACT WITH CONCRETE. USE SLEEVES PER SPECIFICATIONS. ALLOW FOR EXPANSION AND CONTRACTION OF PIPE SYSTEMS.
- PROVIDE FIRE STOPPING AT EACH RATED FLOOR OR WALL PENETRATION. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATINGS AND SYSTEMS.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND ELEVATIONS.
- PROVIDE PROPER BRACING FOR ALL FIXTURES TO SUPPORT THE WEIGHT DESCRIBED IN THE FLORIDA BUILDING CODE - ACCESSIBILITY.
- DO NOT INSTALL PLASTIC PIPING IN AIR PLENUMS OR IN FIRE RATED WALLS. CONVERT TO CAST IRON AND/OR COPPER TUBING AS REQUIRED.
- MAINTAIN A 1' CLEARANCE BETWEEN OUTDOOR AIR INTAKES AND PLUMBING VENTS. VERIFY LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING THE VENTS.
- THE ROOFING CONTRACTOR SHALL PROVIDE THE ROOF FLASHING FOR VENTS THROUGH THE ROOF. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE ROOF CONTRACTOR AND GENERAL CONTRACTOR FOR EACH PENETRATION THROUGH THE ROOF. PROVIDE OFFSETS AS REQUIRED.
- IN CONCEALED LOCATIONS WHERE PIPING, OTHER THAN CAST-IRON OR GALVANIZED STEEL, IS INSTALLED THROUGH HOLES OR NOTCHES IN STUDS, JOISTS, RAFTERS OR SIMILAR MEMBERS LESS THAN 1-1/2" FROM THE NEAREST EDGE OF THE MEMBER, THE PIPE SHALL BE PROTECTED BY STEEL SHIELD PLATES. SUCH SHIELD PLATES SHALL HAVE A THICKNESS OF NOT LESS THAN 16 GA. SUCH PLATES SHALL COVER THE AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED, AND SHALL EXTEND NOT LESS THAN 2" ABOVE SOLE PLATES AND BELOW TOP PLATES. (FBC-P-305.6).

PLUMBING LEGEND

- | | |
|--|---|
| | EQUIPMENT TAG
XX-EQUIP TYPE, YY-EQUIP. NO. |
| | CONNECT TO EXISTING |
| | GATE VALVE |
| | GLOBE VALVE |
| | CHECK VALVE |
| | BALL VALVE |
| | BUTTERFLY VALVE |
| | CALIBRATED BALANCING VALVE (CIRCUIT SETTER) |
| | RELIEF VALVE |
| | TWO WAY CONTROL VALVE |
| | THREE WAY CONTROL VALVE |
| | PLUG VALVE |
| | PRESSURE REDUCING VALVE |
| | STRAINER |
| | THERMOMETER |
| | SENSOR WELL |
| | UNION |
| | PRESSURE GAUGE |
| | ECCENTRIC REDUCER |
| | CONCENTRIC REDUCER |
| | VENTURI FLOW METER |
| | FLEXIBLE PIPE CONNECTION |
| | TRAP PRIMER |
| | WATER HAMMER ARRESTOR |

PLUMBING ABBREVIATIONS

- | | |
|-------|-------------------------------|
| A | AMPS |
| AFF | ABOVE FINISHED FLOOR |
| AP | ACCESS PANEL |
| AV | ACID VENT |
| AW | ACID WASTE |
| BFF | BELOW FINISHED FLOOR |
| BTU | BRITISH THERMAL UNIT |
| BTUH | BTU PER HOUR |
| CFH | CUBIC FEET PER HOUR |
| DEGF | DEGREE FARENHEIT |
| DIA | DIAMETER |
| DCW | DOMESTIC COLD WATER |
| DHW | DOMESTIC HOT WATER |
| DHR | DOMESTIC HOT WATER RETURN |
| EA | EACH |
| EX | EXISTING |
| EWC | ELECTRIC WATER COOLER |
| EWH | ELECTRIC WATER HEATER |
| FBC | FLORIDA BUILDING CODE |
| FCO | FLOOR CLEAN OUT |
| FD | FLOOR DRAIN |
| FS | FEET PER MINUTE |
| FS | FLOOR SINK |
| FEET | FEET |
| FT WG | FEET WATER GAUGE |
| GA | GAUGE |
| GAL | GALLONS |
| GPH | GALLONS PER HOUR |
| GPM | GALLONS PER MINUTE |
| GWH | GAS WATER HEATER |
| HB | HOSE BIBB |
| HP | HORSEPOWER |
| IN | INCHES |
| IN WG | INCHES WATER GAUGE |
| KW | KILOWATTS |
| KWH | KILOWATT HOUR |
| LAV | LAVATORY |
| LB | POUND |
| LWT | LEAVING WATER TEMPERATURE |
| MBH | 1,000 BTUH |
| MIN | MINIMUM |
| MR | MOP RECEPTOR |
| NC | NORMALLY CLOSED |
| NG | NATURAL GAS |
| NIC | NOT IN CONTRACT |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| PH | PHASE |
| PSI | POUNDS PER SQUARE INCH |
| RPM | REVOLUTIONS PER MINUTE |
| SAN | SANITARY |
| SF | SQUARE FEET |
| SH | SHOWER |
| SK | SINK |
| SPEC | SPECIFICATION |
| SS | STAINLESS STEEL; SERVICE SINK |
| TD | TRENCH DRAIN |
| TMV | THERMOSTATIC MIXING VALVE |
| TRAP | TYPICAL |
| UR | URINAL |
| V | VOLTS OR VENT |
| VYB | VALVE IN YARD BOX |
| VFD | VARIABLE FREQUENCY DRIVE |
| WC | WATER CLOSET |
| WCO | WALL CLEAN OUT |
| WH | WALL HYDRANT |
| WHA | WATER HAMMER ARRESTOR |
| WPD | WATER PRESSURE DROP |

CODES AND STANDARDS

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

- FLORIDA BUILDING CODE 6TH EDITION (2017)
- FLORIDA BUILDING CODE 6TH EDITION (2017) - PLUMBING
- FLORIDA BUILDING CODE 6TH EDITION (2017) - ENERGY CONSERVATION
- FLORIDA BUILDING CODE 6TH EDITION (2017) - FUEL GAS
- FLORIDA BUILDING CODE 6TH EDITION (2017) - ACCESSIBILITY
- FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017)
 - FIRE CODE (NFPA 1 - 2015 FLORIDA EDITION)
 - LIFE SAFETY CODE (NFPA 101 - 2015 FLORIDA EDITION)
- NATIONAL ELECTRIC CODE (NFPA 70) - 2014 EDITION

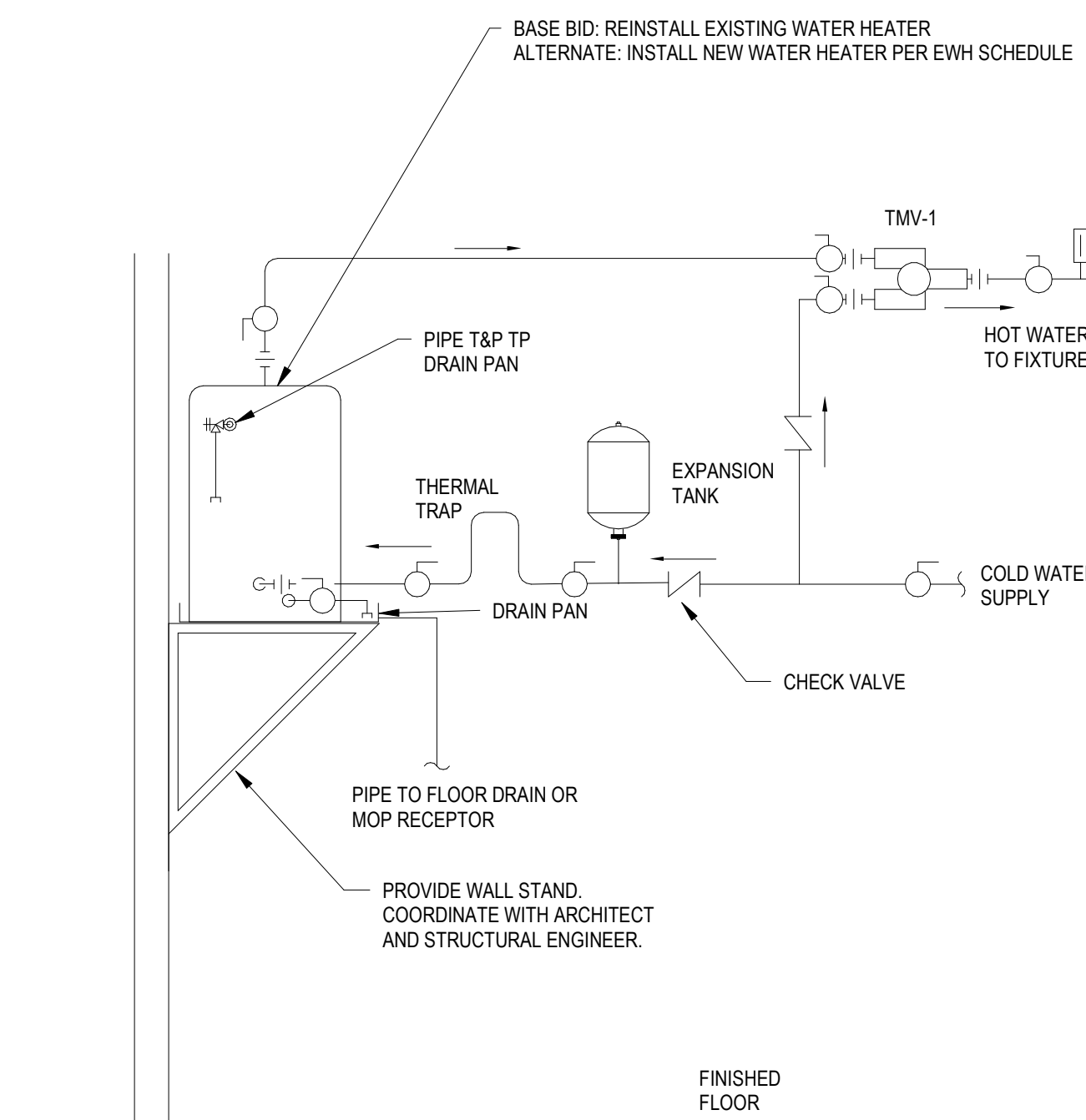
PLUMBING FIXTURE SCHEDULE

MARK	TYPE	ABBREV	DCW (IN)	DHW (IN)	SAN (IN)	VENT (IN)	ELEC	FLOW	ACCESSIBLE	NOTES
WC-8	WATER CLOSET	WC	1/2	-	4	2	-	-	YES	
L-9	LAVATORY	L	1/2	1/2	2	2	-	0.5 GPM	YES	
EWC-1	ELECTRIC WATER COOLER	EWC	1/2	-	2	2	120-1	-	YES	SINGLE
MR-2	MOP RECEPTOR	MR	3/4	3/4	3	2	-	-	NO	
FD	FLOOR DRAIN	FD	-	-	4	2	-	-	N/A	INSTALL TRAP PRIMER

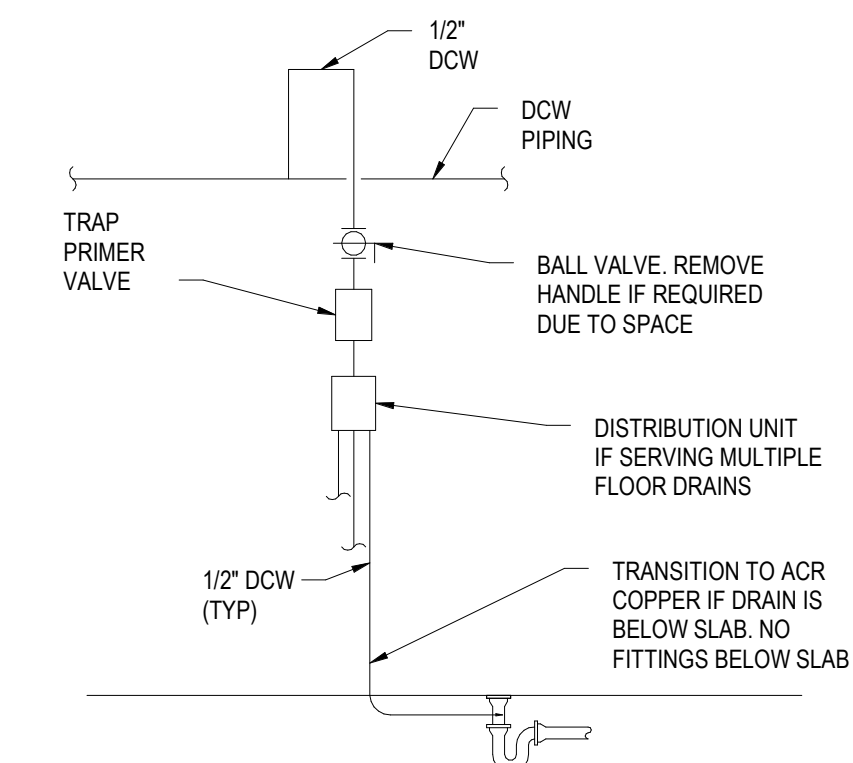
NOTE: ALL PIPE SIZES SHOWN ARE FOR SINGLE FIXTURE INSTALLATION. WHERE MULTIPLE FIXTURES ARE SERVED BY A COMMON PIPE, SEE DRAWINGS FOR SIZE.

ELECTRIC STORAGE WATER HEATER SCHEDULE

MARK	TYPE	ABBREV
EWH-1	ELECTRIC STORAGE	EWH-1
RHEEM		RHEEM
ESSP20		ESSP20
20	STORAGE CAPACITY (GAL)	
208-1	ELECTRICAL INPUT (VOLT-PHASE)	
1	NUMBER OF HEATERS	
3	HEATER INPUT (KW)	
3	TOTAL INPUT (KW)	
15	RECOVERY RATE (GPH @ 80 DEG F RISE)	
140	STORAGE TEMPERATURE (DEG F)	
110	DELIVERY TEMPERATURE (DEG F)	
SYMMONS 7-200A	THERMOSTATIC MIXING VALVE (MODEL)	
3/4" IN, 3/4" OUT	THERMOSTATIC MIXING VALVE PIPING	



5 ELEVATED WATER HEATER DETAIL
NOT TO SCALE



6 TRAP PRIMER DETAIL
NOT TO SCALE

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
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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
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SHEET TITLE:

PLUMBING LEGEND,
CODES AND DETAILS

SHEET NUMBER:

P-001

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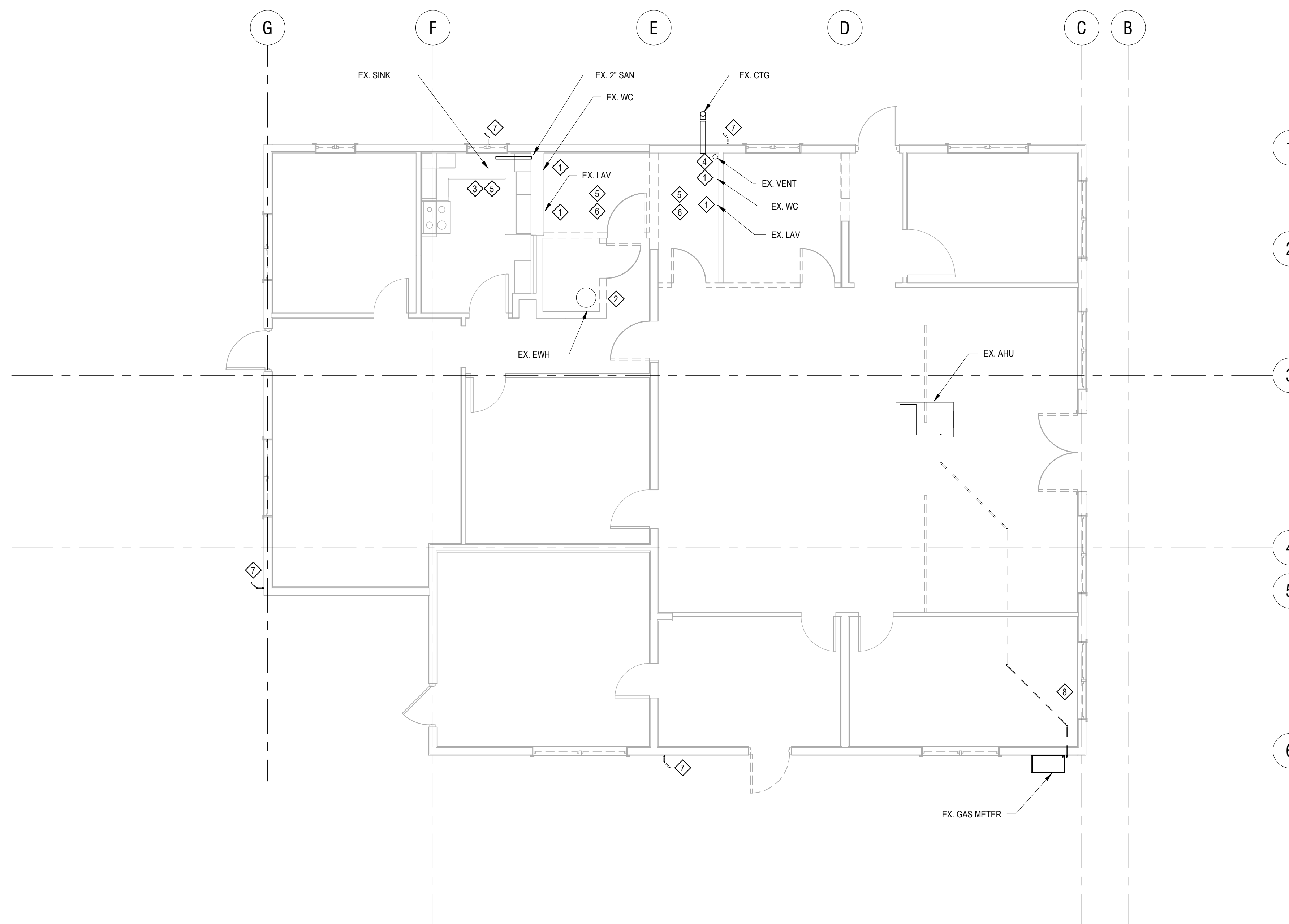
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SHEET TITLE:
PLUMBING FLOOR PLAN - DEMOLITION

SHEET NUMBER:

P-101



PLUMBING FLOOR PLAN - DEMOLITION
3/16\"/>

DEMOLITION NOTES

- 1 DEMOLISH EXISTING PLUMBING FIXTURE AND ALL PIPING BELOW FLOOR.
- 2 RELOCATE EXISTING EWH. SEE NEW WORK FOR LOCATION.
- 3 EXISTING SINK TO REMAIN.
- 4 DEMOLISH EXISTING VENT STACK.
- 5 DEMOLISH EXISTING DCW PIPING BACK TO CONNECTION OF NEW.
- 6 DEMOLISH ALL BELOW FLOOR AND IN-WALL WASTE AND VENT PIPING BACK TO CONNECTION OF NEW.
- 7 DEMOLISH EXISTING HB.
- 8 DEMOLISH EXISTING GAS SERVICE AND ALL PIPING BACK TO METER.

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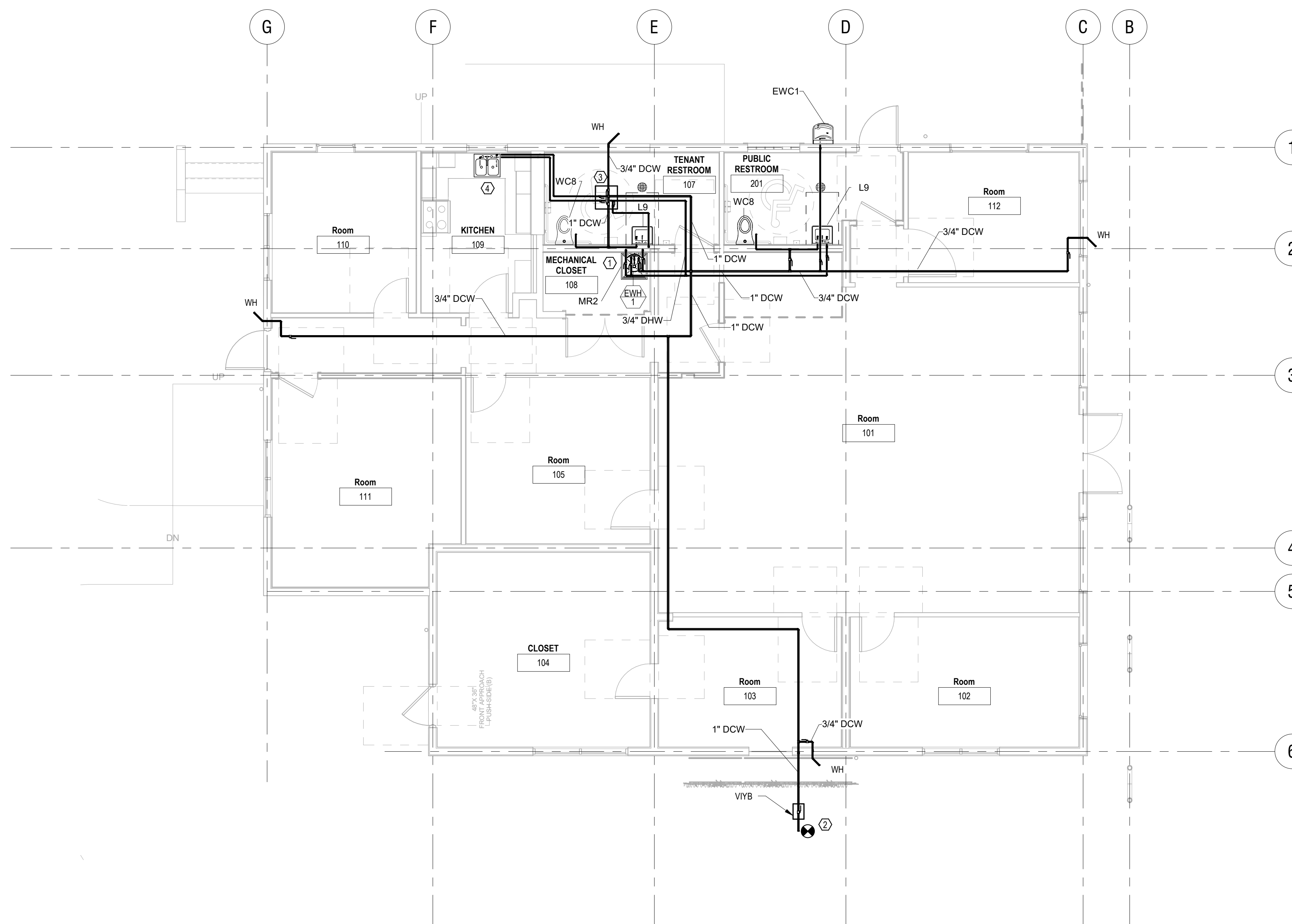
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SHEET TITLE:
PLUMBING FLOOR PLAN - DOMESTIC WATER

SHEET NUMBER:

P-102



PLUMBING FLOOR PLAN - DOMESTIC WATER
3/16" = 1'-0"

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.

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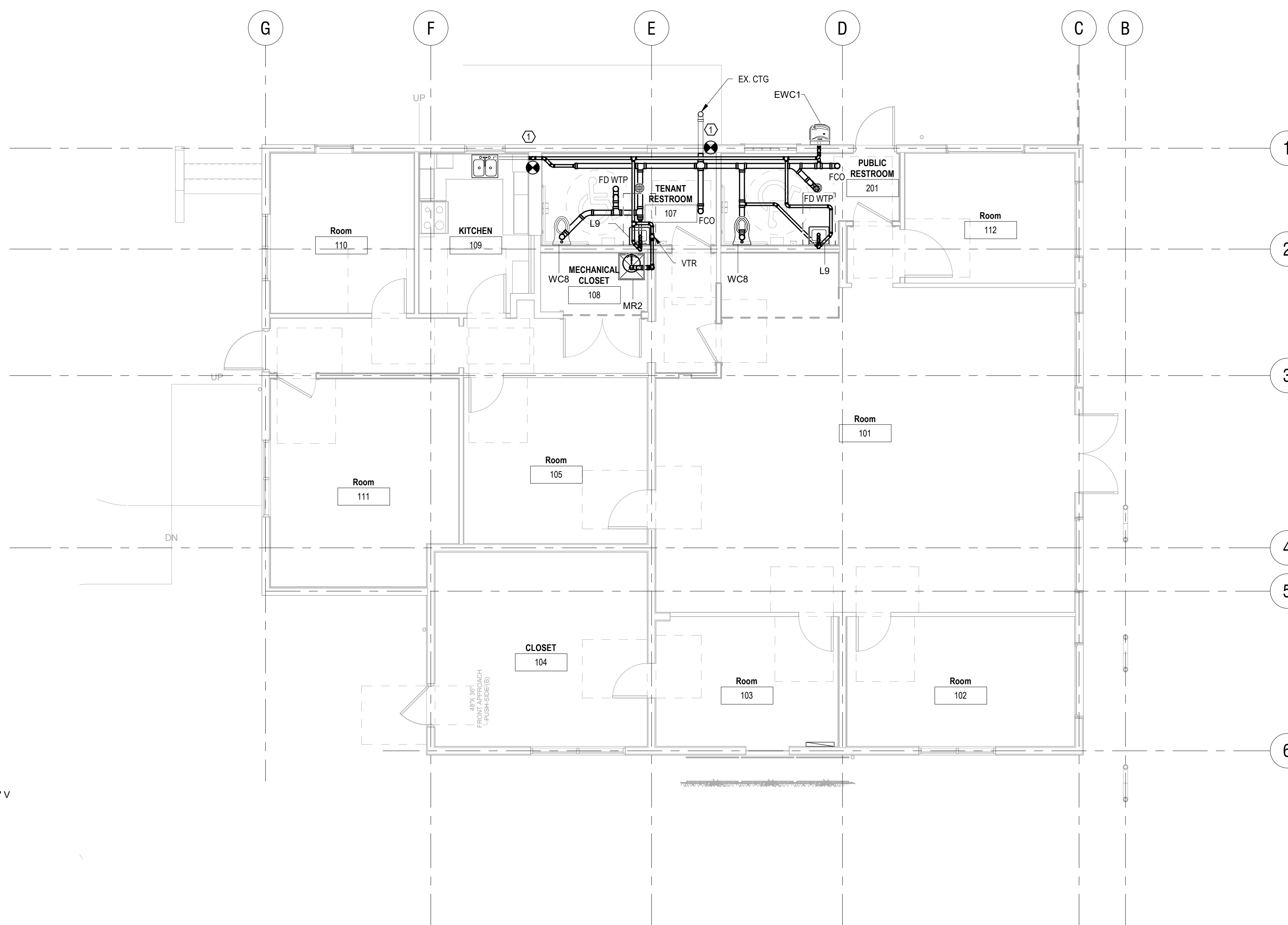
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REVISION	DESCRIPTION	DATE
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SHEET TITLE:
PLUMBING FLOOR PLAN AND RISER - WASTE AND VENT

SHEET NUMBER:

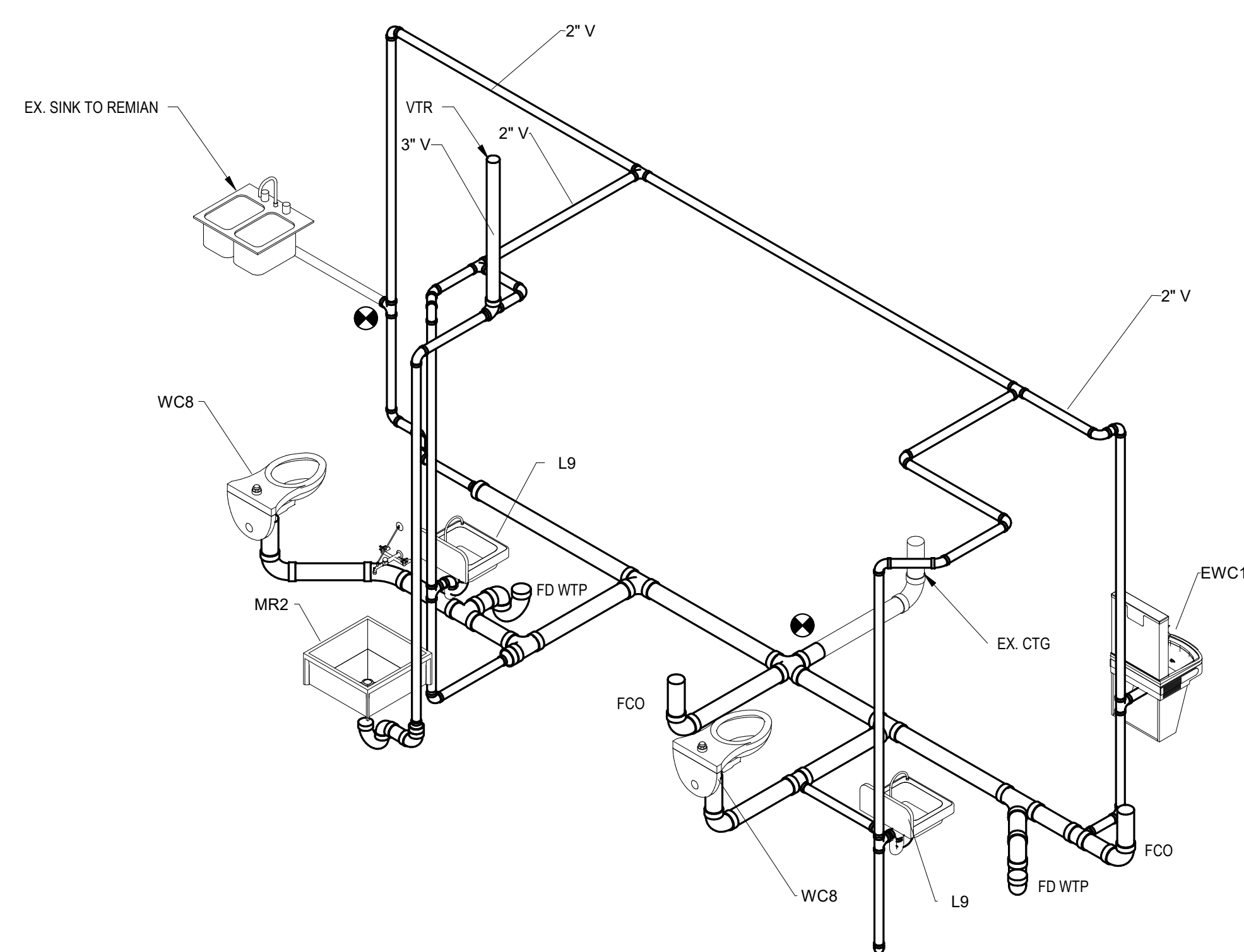
P-103



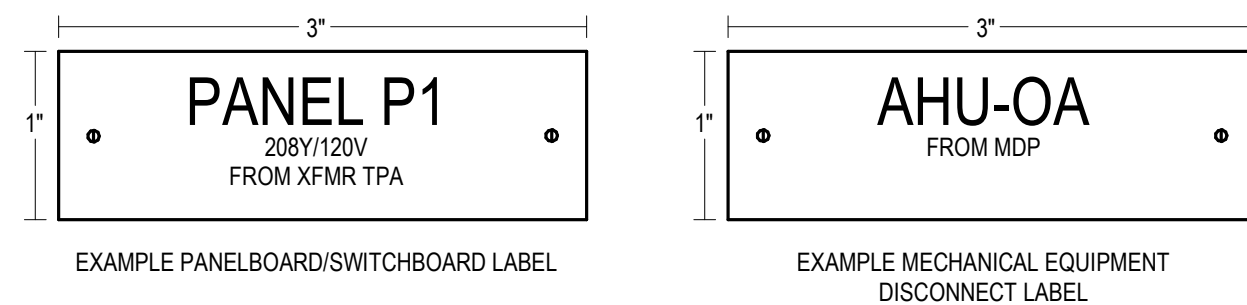
PLUMBING FLOOR PLAN - WASTE AND VENT
3/16" = 1'-0"

SHEET NOTES

① CONNECT TO EXISTING SAN.

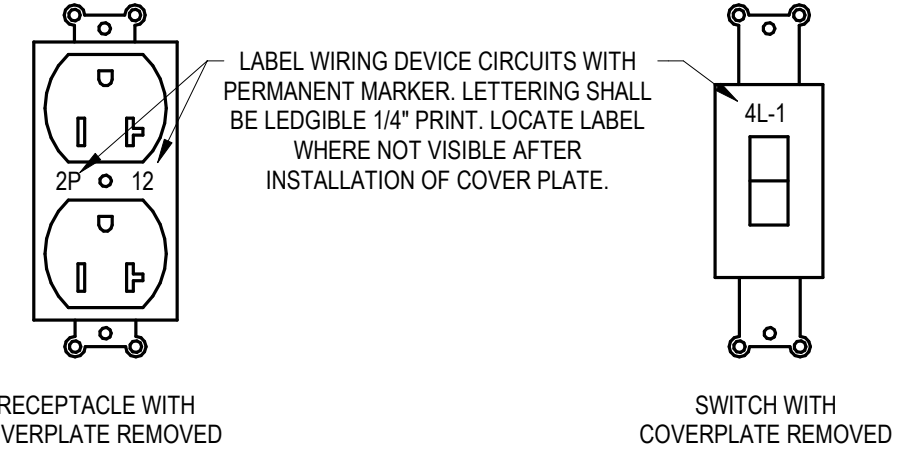


PLUMBING - SANITARY RISER DIAGRAM
NOT TO SCALE

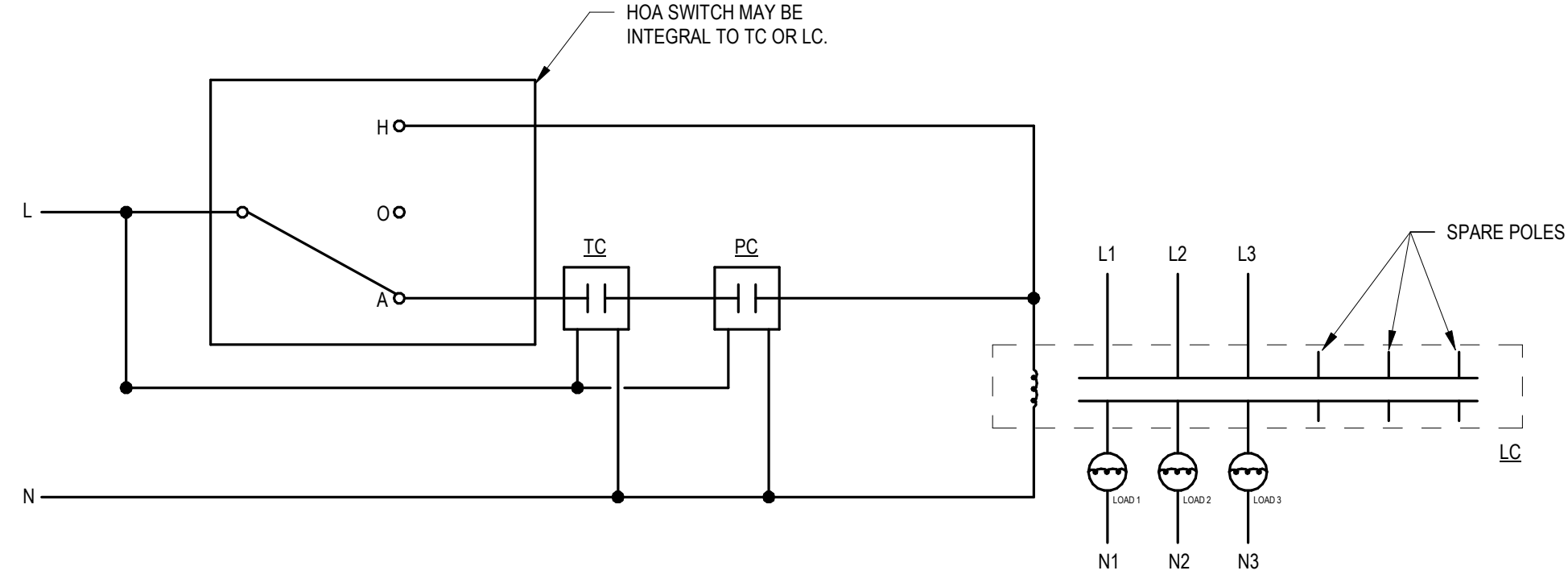


PROVIDE ENGRAVED PLASTIC TAG WITH 1/4" HIGH LETTERS. NORMAL POWER: BLACK LETTERS ON WHITE BACKGROUND. STANDBY POWER: WHITE LETTERS ON RED BACKGROUND. DIMENSIONS SHOWN ARE MINIMUM.

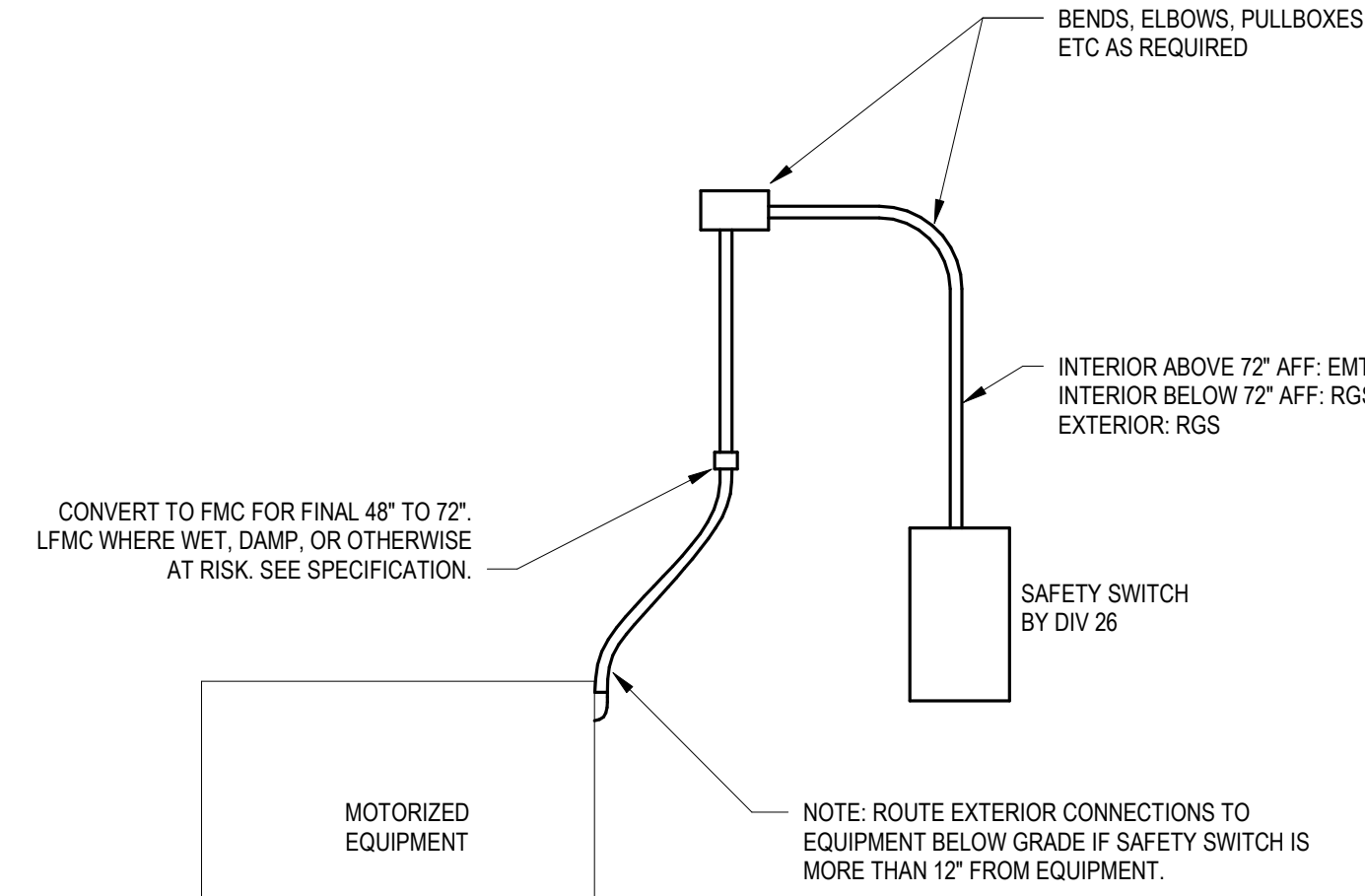
1 ELECTRICAL EQUIPMENT LABELING DETAIL
NOT TO SCALE



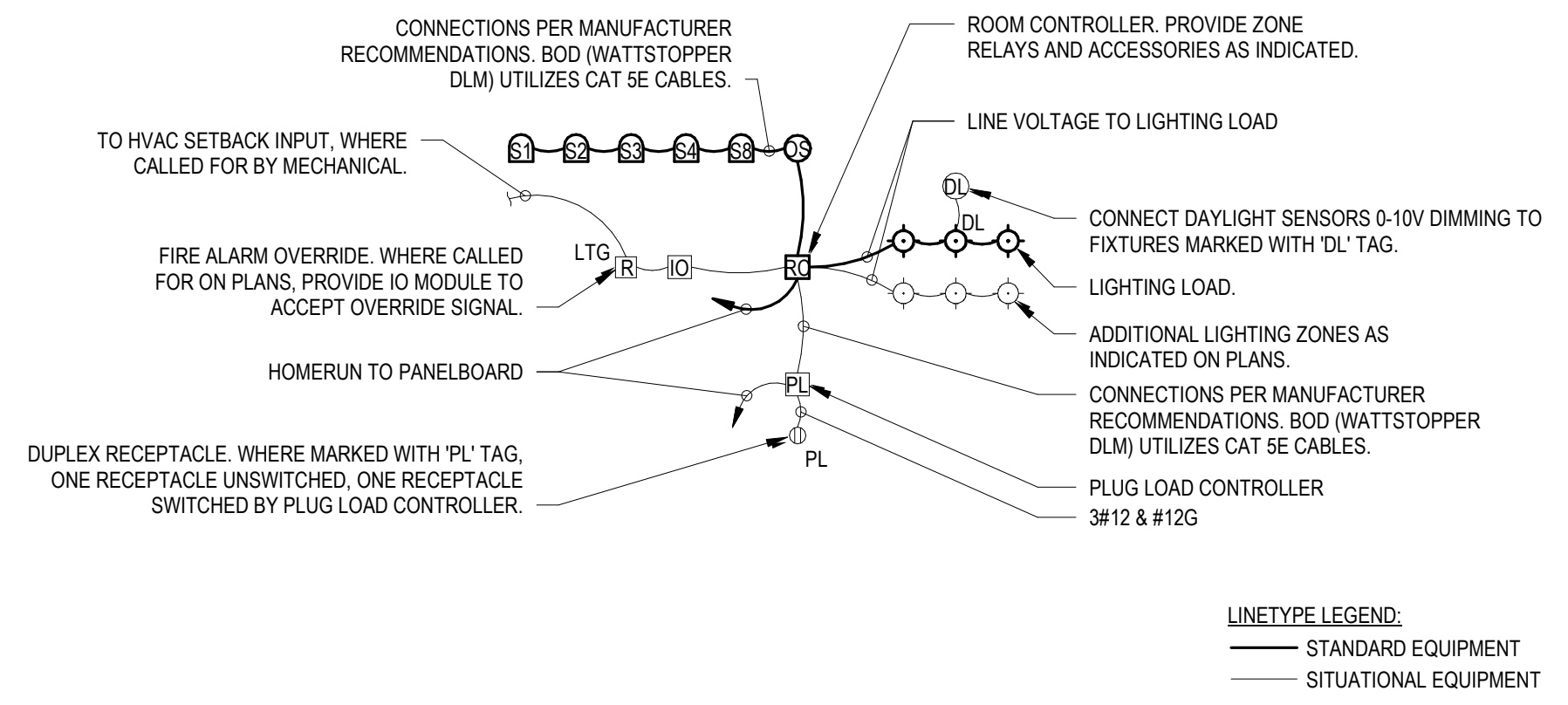
2 ELECTRICAL WIRING DEVICE LABEL DETAIL
NOT TO SCALE



3 MULTIPLE-CIRCUIT EXTERIOR LIGHTING CONTROL DIAGRAM
12" x 1'-0"



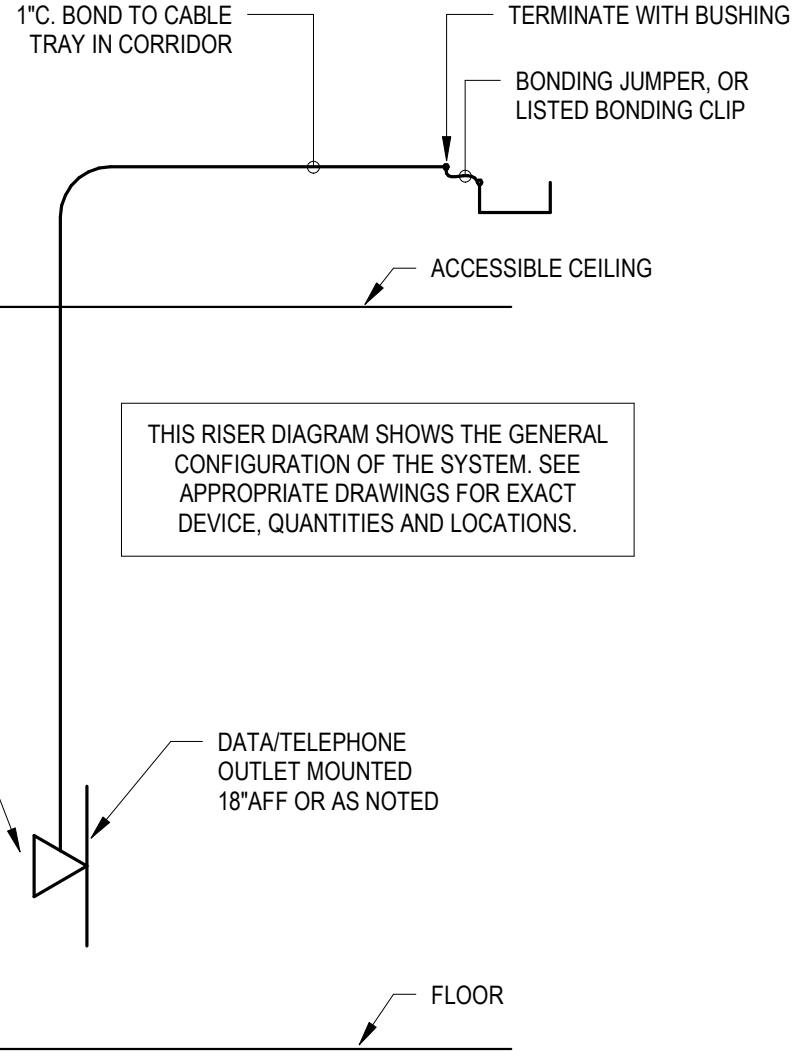
4 MOTORIZED EQUIPMENT CONNECTION DETAIL
NOT TO SCALE



6 ROOM CONTROLLER DIAGRAM NON-DIMMING
NOT TO SCALE

LEGEND

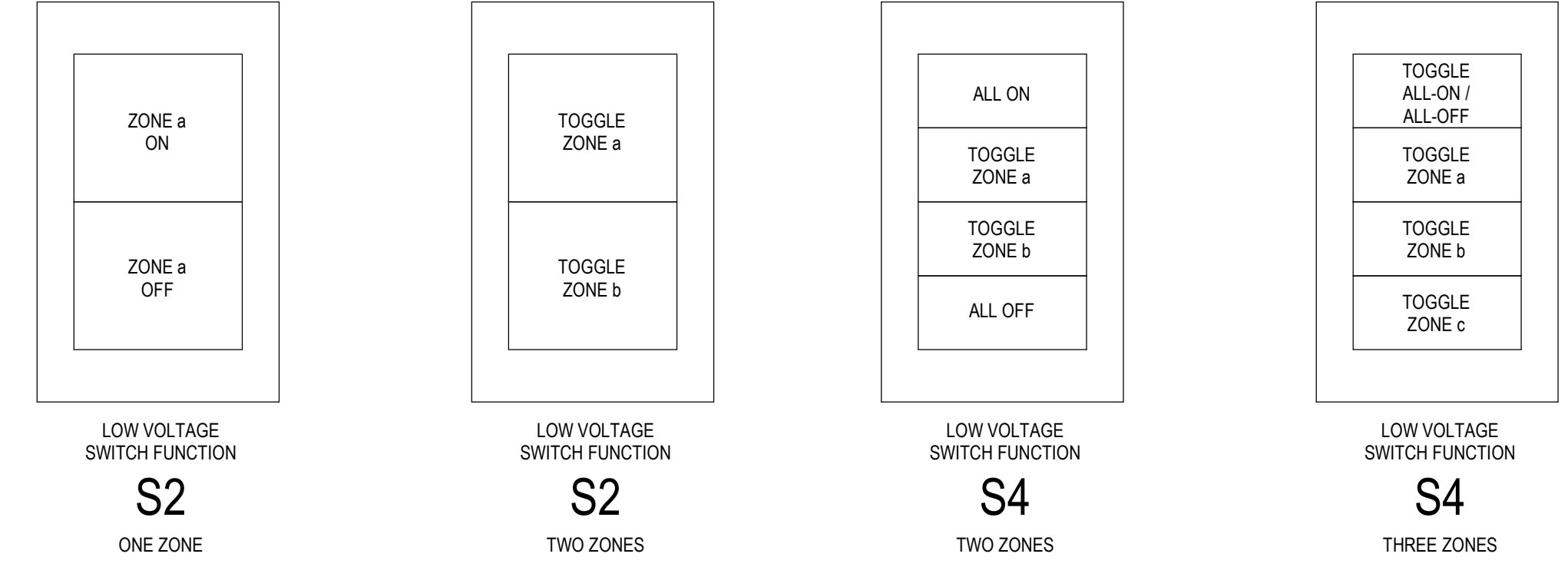
- RECEPTACLE:**
- Ⓛ DUPLEX RECEPTACLE. 18" AFF UNO.
 - Ⓛ ABOVE COUNTER DUPLEX RECEPTACLE. 46" AFF UNO. COORDINATE WITH COUNTER, BACKSPASH, ETC.
 - Ⓛ DUPLEX RECEPTACLE FACE DOWN IN CEILING.
 - Ⓛ SPECIAL PURPOSE RECEPTACLE. 18" AFF UNO. COORDINATE WITH EQUIPMENT.
- RECEPTACLE SUBSCRIPTS:**
- G GFCl-TYPE RECEPTACLE.
 - GCB GFCl-TYPE POWER FROM BRANCH CIRCUIT BREAKER.
 - EWC NON-GFCl RECEPTACLE ON GFCl CIRCUIT BREAKER. COORDINATE HEIGHT WITH EQUIPMENT.
 - WP WEATHER RESISTANT WIRING DEVICE. WP RECEPTACLES SHALL BE GFCl TYPE WITH IN-USE COVERS. 6-30R NEMA RECEPTACLE TYPE.
- POWER EQUIPMENT AND CONNECTIONS:**
- ▭ DISTRIBUTION PANELBOARD.
 - ▭ PANELBOARD.
 - Ⓛ 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.
 - 247 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.
 - Ⓛ 120/277V 20A PHOTOCELL.
 - Ⓛ 120/277V LIGHTING CONTRACTOR. BOD: ENCLOSED SQUARE D CLASS 8903 WITH HOA SWITCH.
 - Ⓛ 120/277V ASTRONOMICAL TIME CLOCK. BOD: PARAGON SUNTRACKER II.
- ANNOTATIONS:**
- Ⓛ DEMOLITION SHEET NOTE.
 - Ⓛ ELECTRICAL SHEET NOTE.
 - Ⓛ MECHANICAL EQUIPMENT TAG.
- GENERAL SUBSCRIPTS (APPLY TO ALL CATEGORIES):**
- 2P1A ELECTRICAL EQUIPMENT TAG.
 - GCB FED FROM GFCl TYPE CIRCUIT BREAKER.
 - 72" INDICATES HEIGHT OF FIXTURE, RECEPTACLE, BOX, CABINET, ETC. HEIGHT IS TO CENTERLINE UNLESS OTHERWISE INDICATED.
 - EX EXISTING TO REMAIN
 - 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 2#12 & #12G IN 1/2" C. SEE ELECTRICAL EQUIPMENT SCHEDULE FOR SPECIFIC CIRCUIT SIZING.



5 TELECOM OUTLET DETAIL
NOT TO SCALE

ROOM CONTROLLER SEQUENCE OF OPERATION:

- 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.
 - B. 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 247 FIXTURES).
 - b. ENTER UN-OCCUPIED MODE.
 - B. LOW VOLTAGE BUTTON IS PRESSED:
 - a. TOGGLE LIGHTING ZONES PER SWITCH INPUT.



7 TYPICAL LOW VOLTAGE BUTTON SWITCHES NON-DIMMING
NOT TO SCALE

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 CIRCUIT
- DIV DIVISION
- ECB ENCLOSED CIRCUIT BREAKER
- EOR ENGINEER OF RECORD
- EWC ELECTRIC WATER COOLER
- EX EXISTING TO REMAIN
- G GROUND, GROUND FAULT CIRCUIT INTERRUPTER
- GCB GFCl 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 PANELBOARD
- PQM POWER QUALITY 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

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 - B. LIFE SAFETY CODE (NFPA 101 - 2015 FLORIDA EDITION)
 - NATIONAL ELECTRIC CODE (2014 NFPA 70)
 - FIRE ALARM AND SIGNALING CODE (2013 NFPA 72)
 - UNDERWRITERS' LABORATORIES (UL)
 - AMERICAN NATIONAL STANDARDS INSTITUTION (ANSI)
 - AMERICAN SOCIETY OF TESTING MATERIALS (ASTM)
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
 - ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA)
 - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
 - ELECTRONICS INDUSTRY ALLIANCE (EIA)

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ELECTRICAL LEGEND, CODES, & DETAILS

SHEET NUMBER:
E-001

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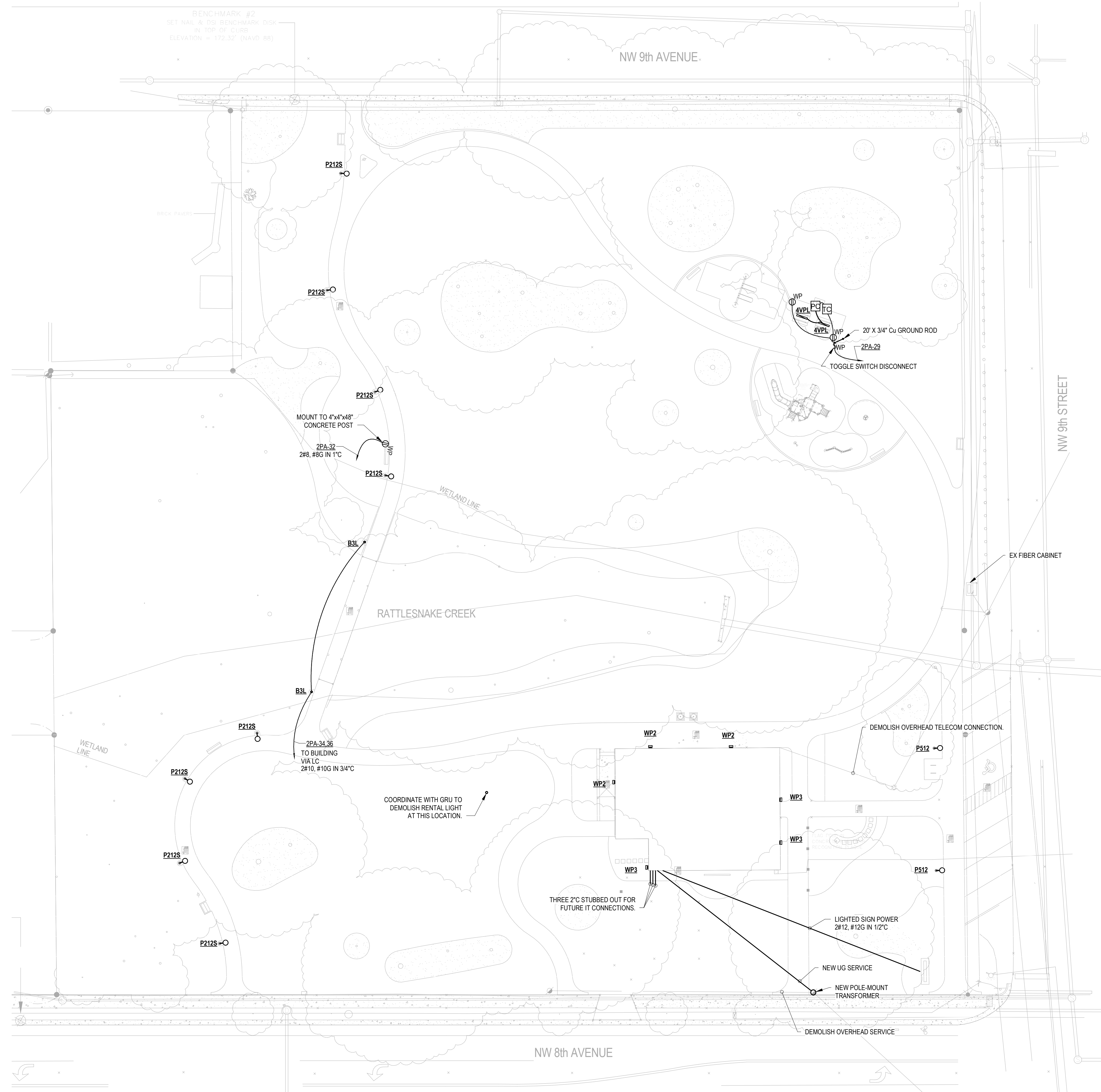
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SHEET TITLE:
ELECTRICAL SITE PLAN

SHEET NUMBER:
E-100



1 ELECTRICAL SITE PLAN
1" = 20'-0"

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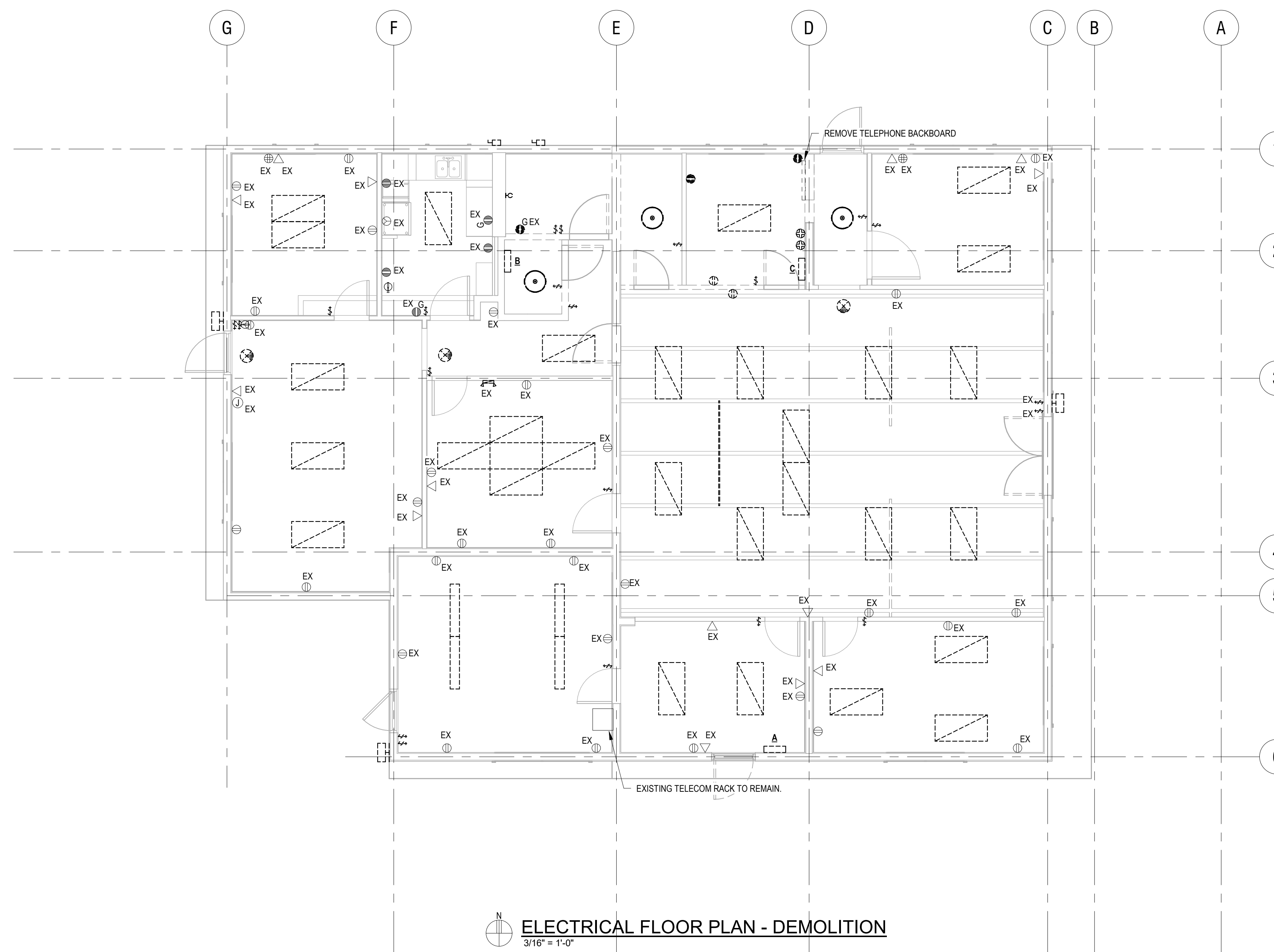
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SHEET TITLE:
ELECTRICAL FLOOR PLAN - DEMOLITION

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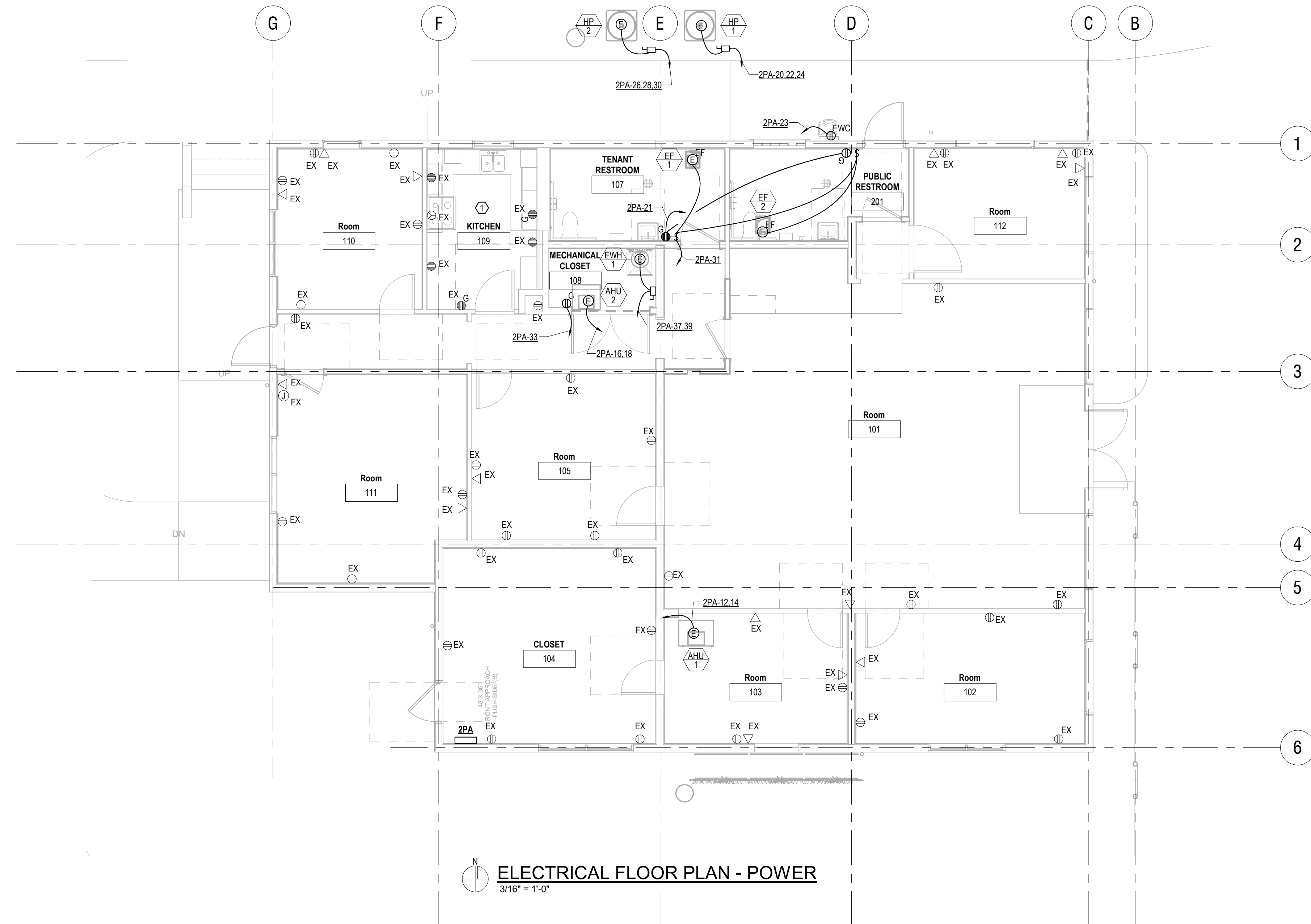
E-101



ELECTRICAL FLOOR PLAN - DEMOLITION
3/16" = 1'-0"

SHEET NOTES

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



ELECTRICAL FLOOR PLAN - POWER
3/16" = 1'-0"

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

MANLEY DESIGN
Landscape Architecture - Site Planning
Manley Design, LLC
224 NW 2nd Avenue, Suite E
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Certificate of Authorization no. LC26000575



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

REVISION	DESCRIPTION	DATE
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SHEET TITLE:
ELECTRICAL FLOOR PLAN - POWER

SHEET NUMBER:
E-110

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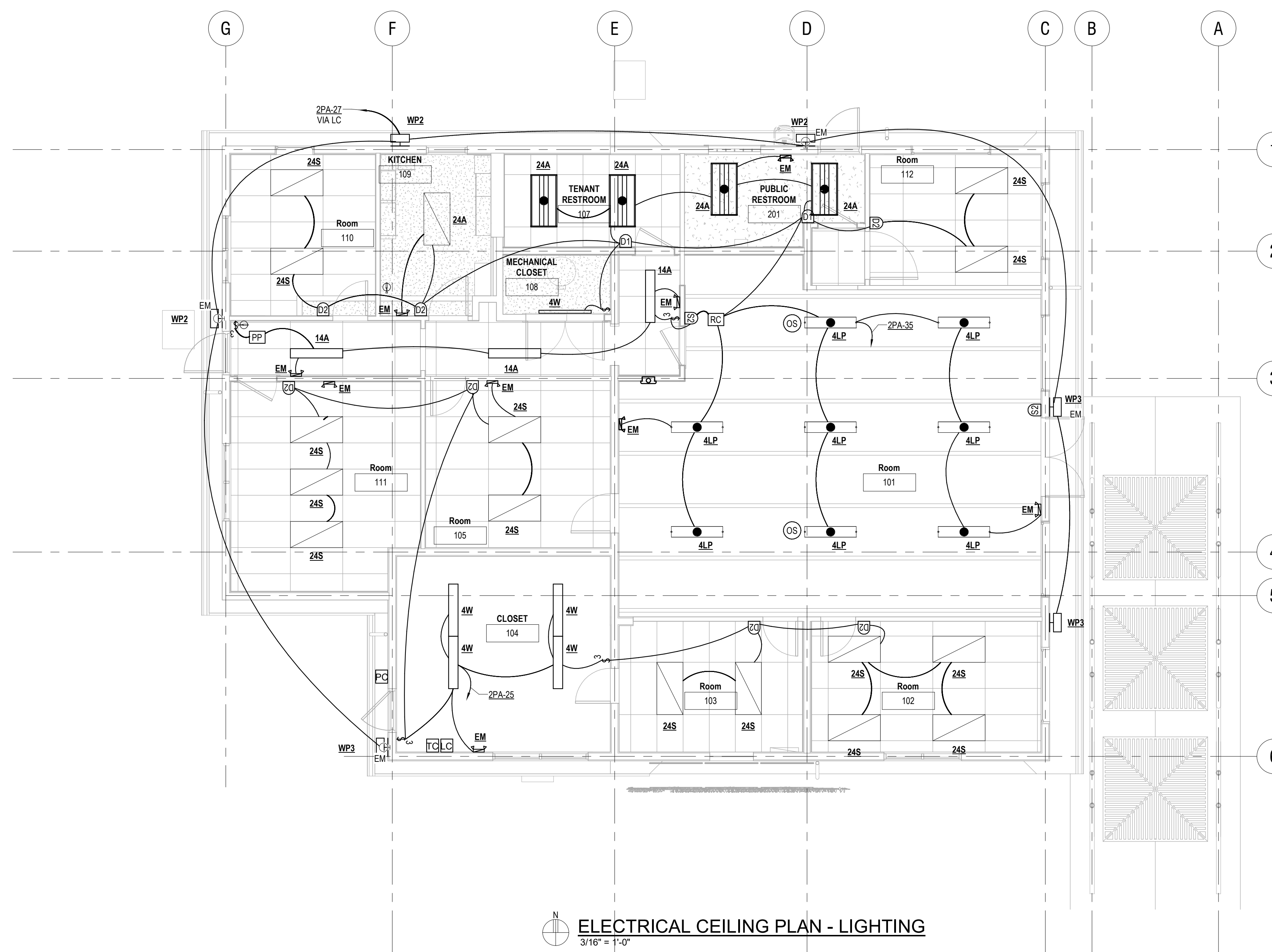
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REVISION	DESCRIPTION	DATE

SHEET TITLE:
ELECTRICAL CEILING PLAN - LIGHTING

SHEET NUMBER:
E-120



TYPE	DESCRIPTION	BASIS OF DESIGN	LIGHT SOURCE	INITIAL LUMENS	COLOR TEMPERATURE	WATTAGE	VOLTAGE	MOUNTING	NOTES
4LP	4' LINEAR PENDANT	LEDALITE BOLDPLAY 7806-L-2-C-Q-G-04-7-D-E-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-L62/840-PCFR-DRV-UNV	LED	6200 lm	4000 K	73 VA	UNV	COORDINATE W/ STRUCTURE	
4W	4' LED WRAP FIXTURE	H.E. WILLIAMS 17-4-L44/840-AF-120	LED	5900 lm	4000 K	53 VA	120 V	SURFACE OR SUSPEND	
14A	1'x4' LENSED LED TROFFER - MEDIUM OUTPUT	H.E. WILLIAMS 50G-S14-L45/840-SAF-12125-DRV-UNV	LED	4500 lm	4000 K	34 VA	120 V	RECESSED	
24A	2'x4' LENSED LED TROFFER - MEDIUM OUTPUT	H.E. WILLIAMS 50G-S24-L35/840-SAF-12125-DRV-UNV	LED	3644 lm	4000 K	34 VA	120 V	RECESSED	
24S	2'x4' LENSED LED TROFFER - MEDIUM OUTPUT	HE WILLIAMS HET-G-S-2-4-L50/840-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-LG-M-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.

MARK	EQUIPMENT DESCRIPTION	VOLTAGE (V)	PHASES	WIRES	LOAD	MEANS OF DISCONNECT	FED FROM	OCF (A)	MCA (A)	# RUNS	PHASE	NEUTRAL	GROUND	CONDUIT	RATING	AMPACITY	NOTES
EW1	ELECTRIC WATER HEATER	208	1	3	3KW	N1 SS 30/2	2PA	20	18	1	12	12	12	1/2"	60°C	20	
EF-#	EXHAUST 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	

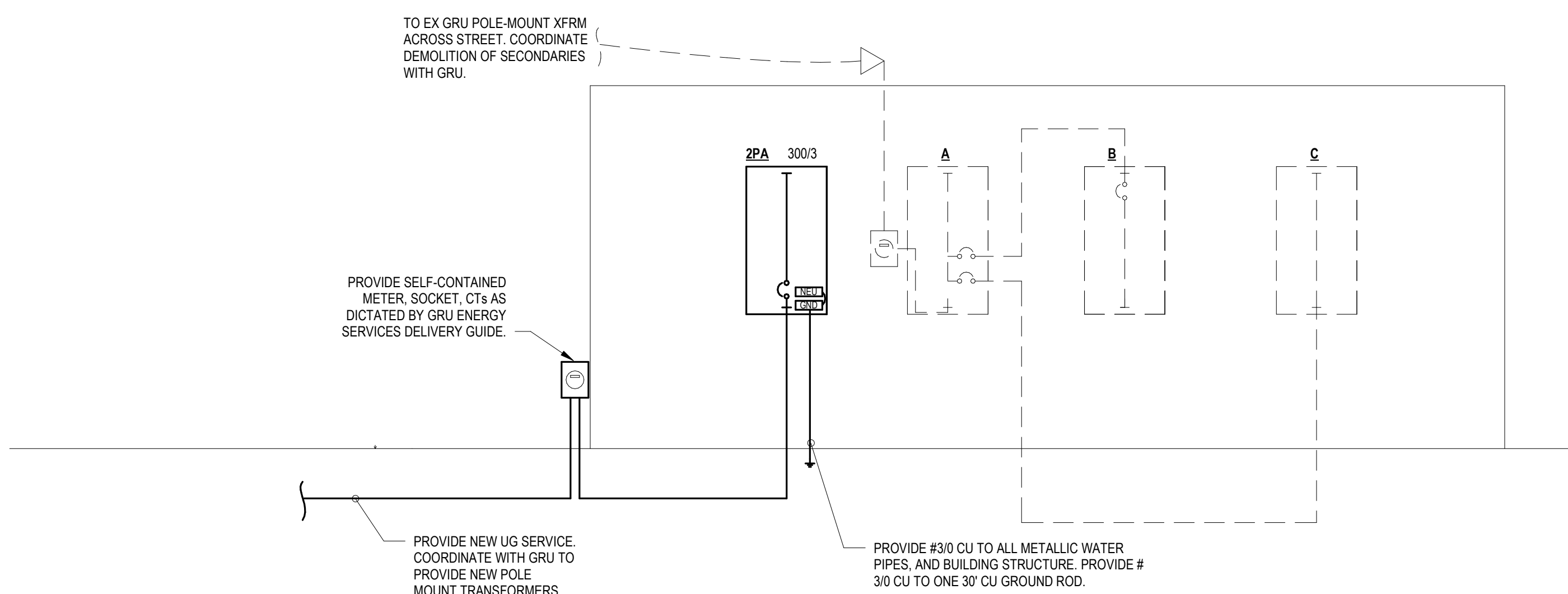
DISCONNECTING MEANS ARE ABBREVIATED AS FOLLOWS: P&C = PLUG & CORD, SS = SAFETY SWITCH, FSS = FUSED SAFETY SWITCH, CB = CIRCUIT BREAKER, TS = TOGGLE SWITCH, N3R = NEMA 3R

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

2014 NEC REFERENCE	LOAD DESCRIPTION	PER UNIT LOAD	UNITS	CONNECTED LOADS	ADJUSTMENT FACTOR	NEC 220 CALC LOAD	CONT. LOAD FACTOR	MINIMUM CB/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(I)	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).

CKT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CKT
1	LARGE OFFICE RCPTS (2)	20 A	1	0 VA	0 VA	0 VA				1	20 A	RCPTS CORNER OFFICE (3)	2
3	HW HEATER (1) (2)	20 A	1	0 VA	0 VA	0 VA		0 VA		1	20 A	COPIER (3)	4
5	CONFERENCE RM RCPTS (2)	20 A	1			0 VA			0 VA	1	20 A	AC/BLOWER (3)	6
7	SMALL OFFICE RECEPTACLES (2)	20 A	1	0 VA		0 VA			0 VA	1	20 A	EXISTING UNKNOWN (3)	8
9	REFRIGERATOR RECEPTACLE (2)	20 A	1	1500 VA				0 VA		1	20 A	COMP, PHONE, FAX (3)	10
11	KITCHEN RECEPTACLES EAST (2)	20 A	1			0 VA			4160 VA	2	50 A	AHU-1	12
13	KITCHEN RECEPTACLES WEST (2)	20 A	1	0 VA		4160 VA			4160 VA	2	60 A	AHU-2	14
15													16
17	RANGE (2)	50 A	2	0 VA	0 VA			4160 VA		2	60 A	AHU-2	18
19	SHUNT TRIP (2)	20 A	1	0 VA			2402 VA						20
21	RCPTS RESTROOMS	20 A	1		360 VA			2402 VA		3	40 A	HP-1	22
23	EWC	20 A	1			180 VA		2402 VA					24
25	LTG 102, 102, 104, 105, 111	20 A	1	782 VA			1561 VA						26
27	EXTERIOR LIGHTING	20 A	1		174 VA			1561 VA		3	25 A	HP-2	28
29	EXTERIOR PICNIC TABLE	20 A	1			506 VA			1561 VA				30
31	EF'S RESTROOMS	20 A	1	64 VA			180 VA			1	20 A	RCPT - SITE	32
33	RCPT 108	20 A	1			180 VA		0 VA					34
35	LTG 101, 107, 108, 109, 110, 112, 201, CORR.	20 A	1			946 VA			0 VA	2	20 A	SITE LTG - BRIDGE ENDS	36
37				1500 VA				0 VA		--	--	SPACE ONLY	38
39	EW1 (1)	20 A	2	1500 VA	1500 VA			0 VA		--	--	SPACE ONLY	40
41	SPARE	20 A	1			0 VA			0 VA	--	--	SPACE ONLY	42
43	SPARE	20 A	1	0 VA			0 VA			--	--	SPACE ONLY	44
45	SPARE	20 A	1		0 VA			0 VA		--	--	SPACE ONLY	46
47	SPARE	20 A	1			0 VA			0 VA	--	--	SPACE ONLY	48
49	SPARE	20 A	1	0 VA			0 VA			--	--	SPACE ONLY	50
51	SPARE	20 A	1		0 VA			0 VA		3	60 A	SPD	52
53	SPARE	20 A	1			0 VA			0 VA				54
Total Load:				10648 VA		11828 VA		13915 VA					
Total Amps:				89 A		100 A		117 A					



3 ELECTRICAL SINGLE LINE DIAGRAM
NOT TO SCALE

SINGLE LINE LINETYPE LEGEND

- - - - - DEMOLISH
- _____ EXISTING TO REMAIN
- _____ NEW WORK

SINGLE LINE LEGEND



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City of Gainesville WSPP

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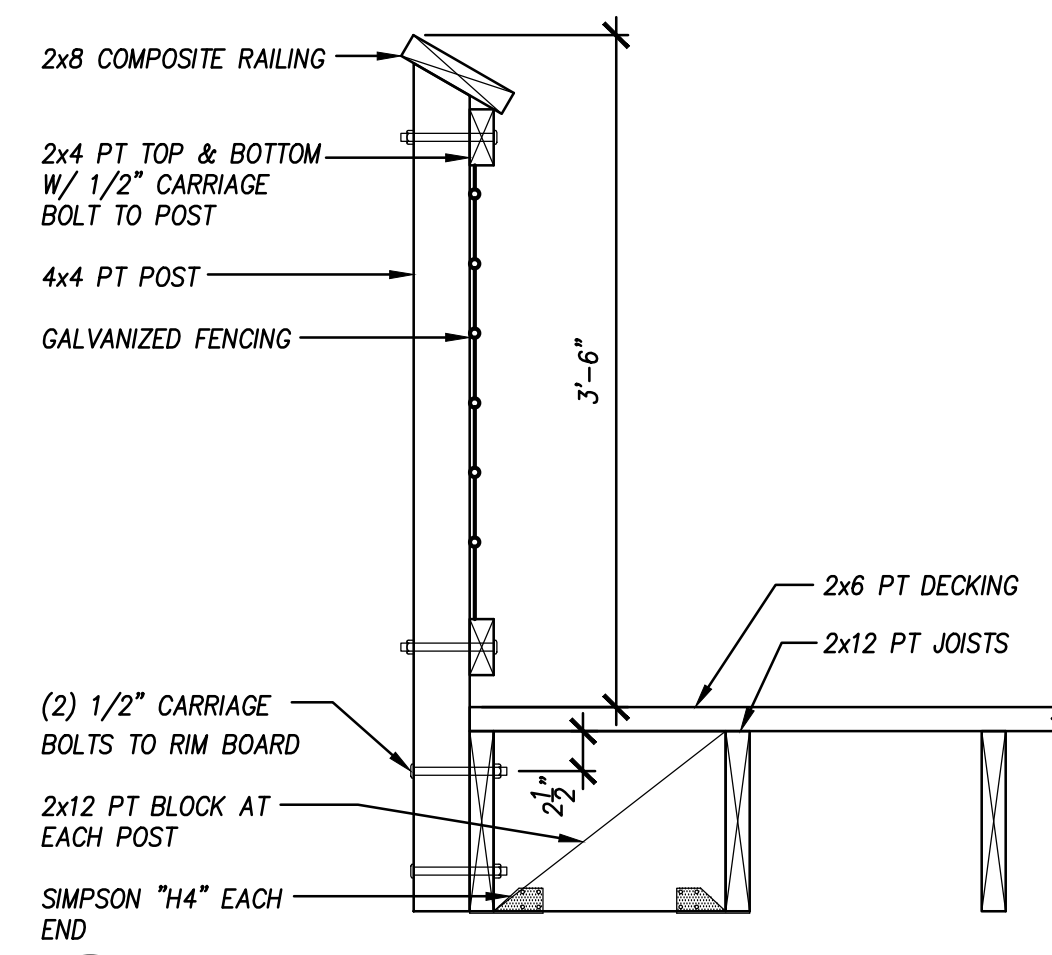
PROJECT NO: 18-050
CLIENT'S NO: [REDACTED]
ISSUED FOR: 90% REVIEW
ISSUED DATE: 25 FEB 2019
REVISIONS: [REDACTED]

REVISION	DESCRIPTION	DATE
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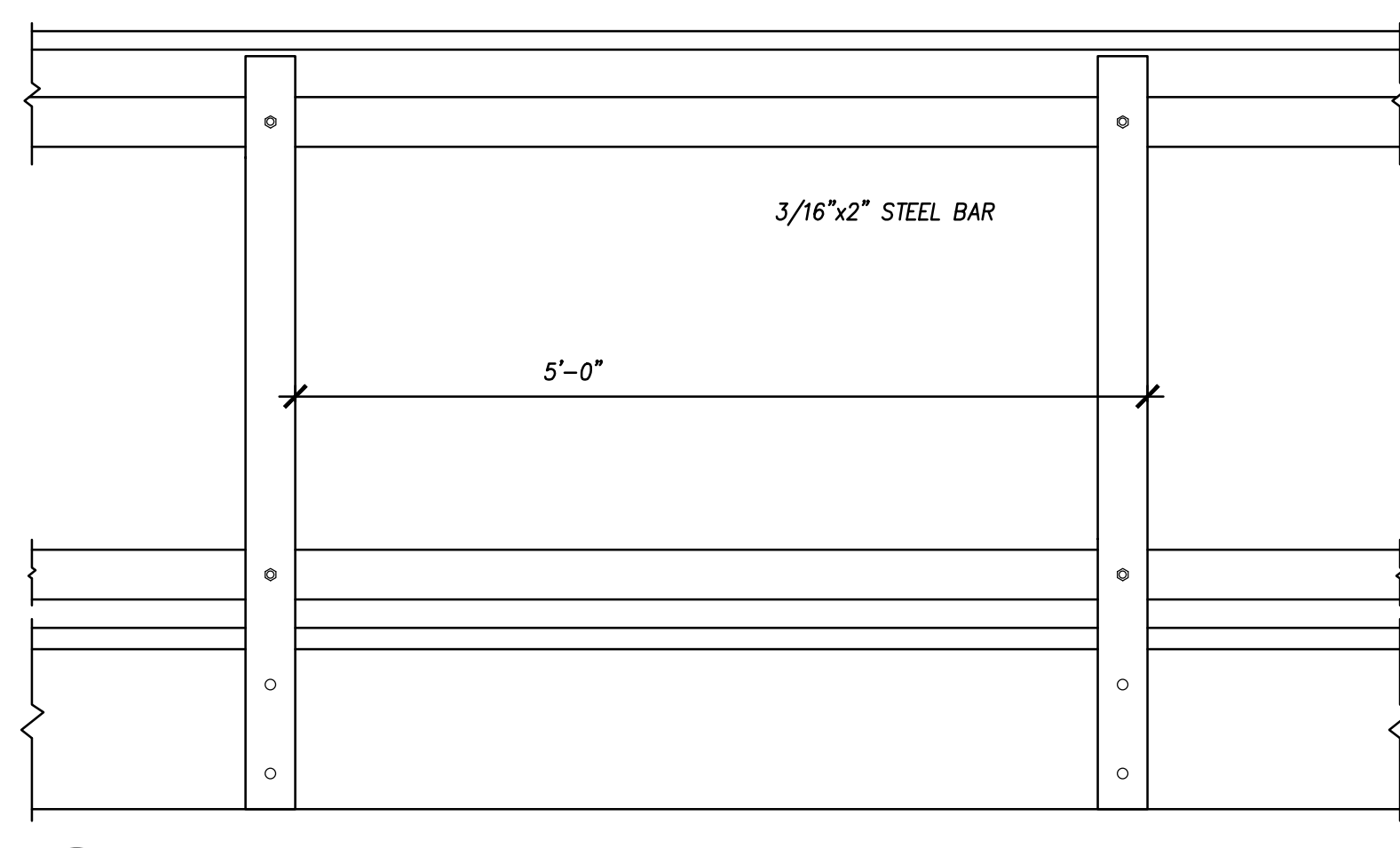
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ELECTRICAL SINGLE LINE DIAGRAM & SCHEDULES

SHEET NUMBER:
E-201

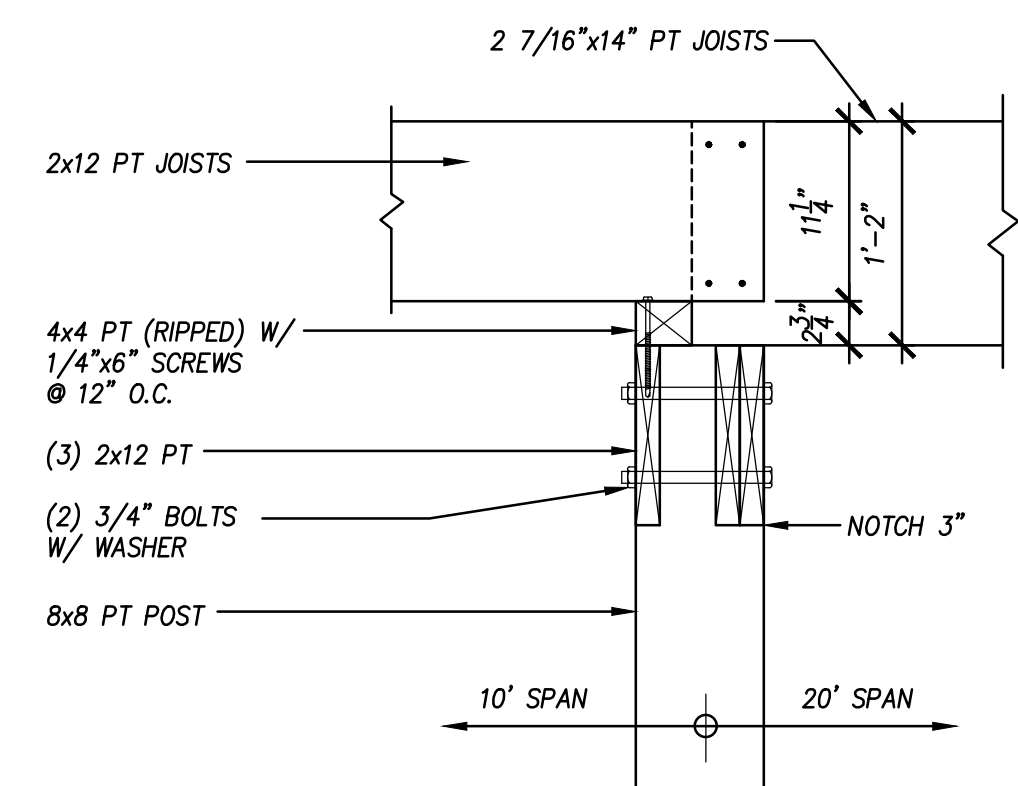
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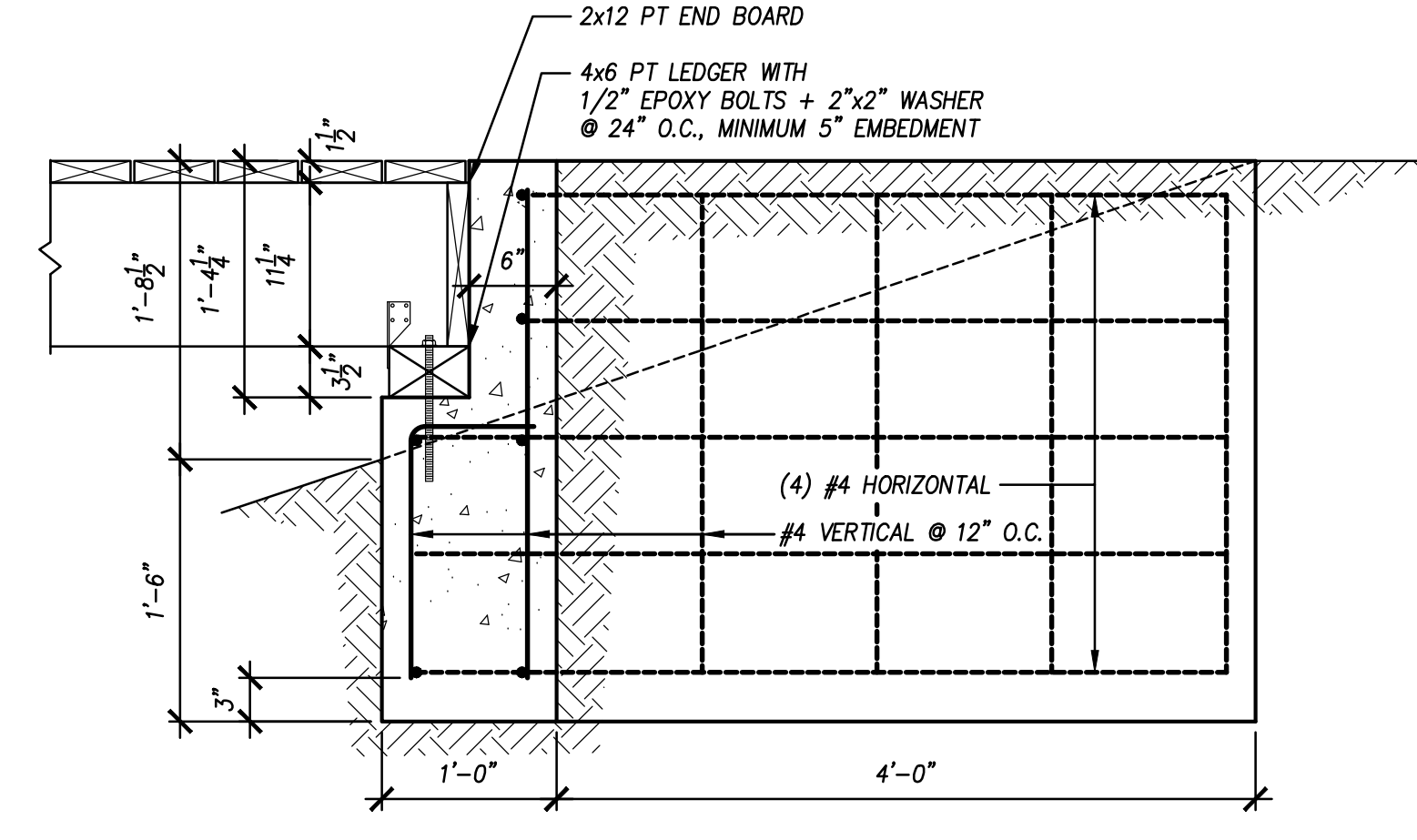
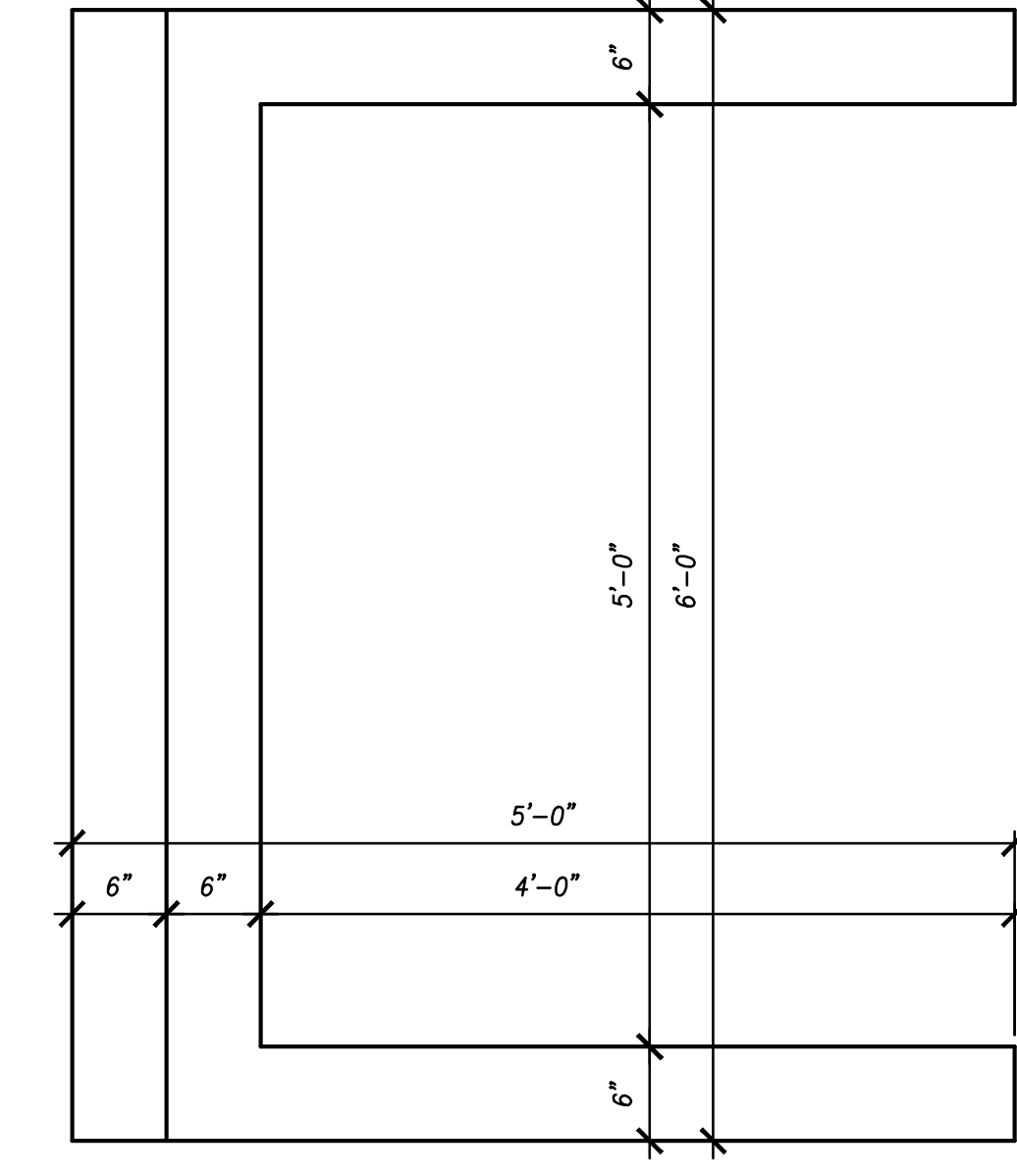
1 Typical Bridge Section
1" = 1'-0"



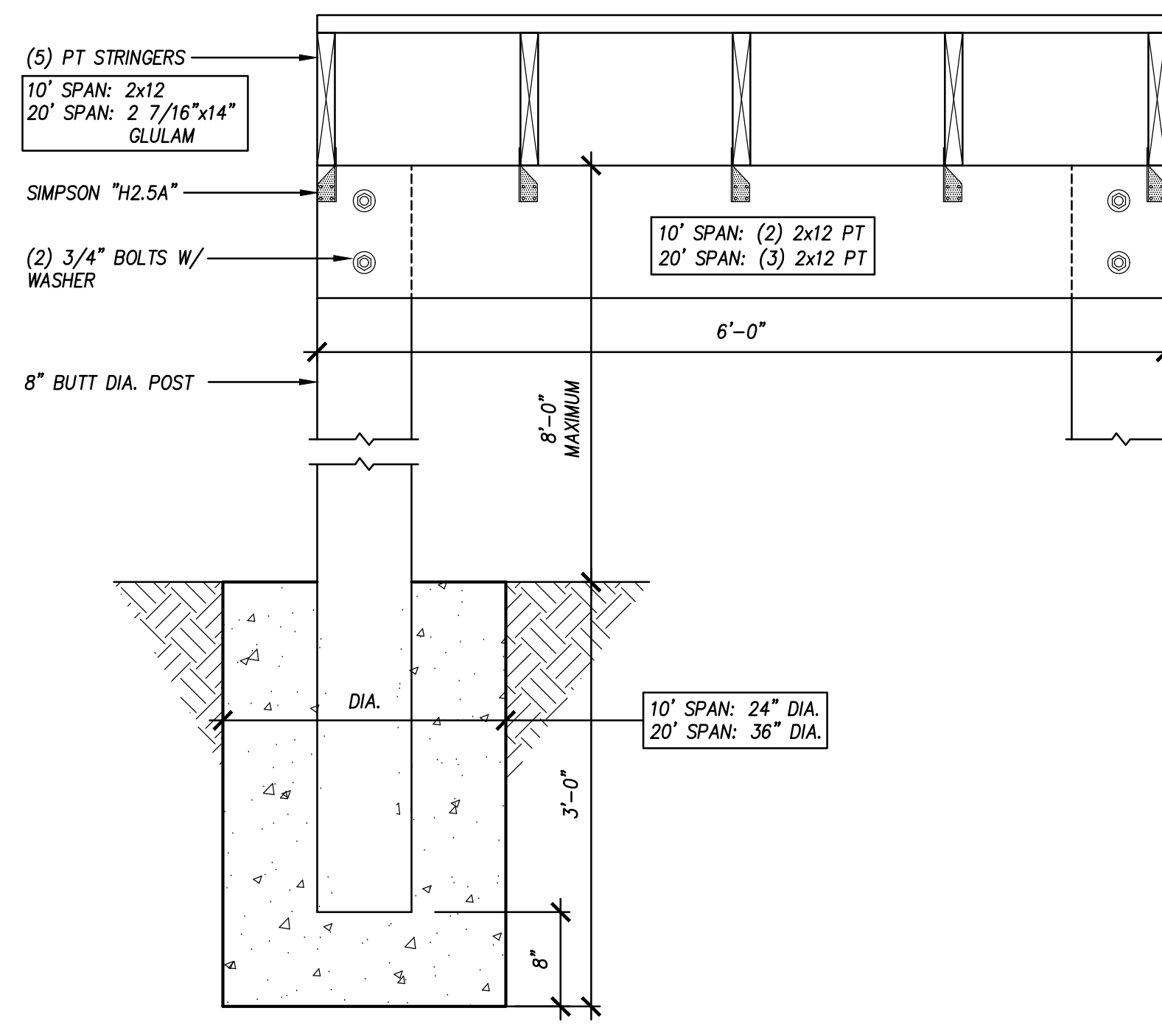
2 Typical Bridge Railing Elevation
1" = 1'-0"



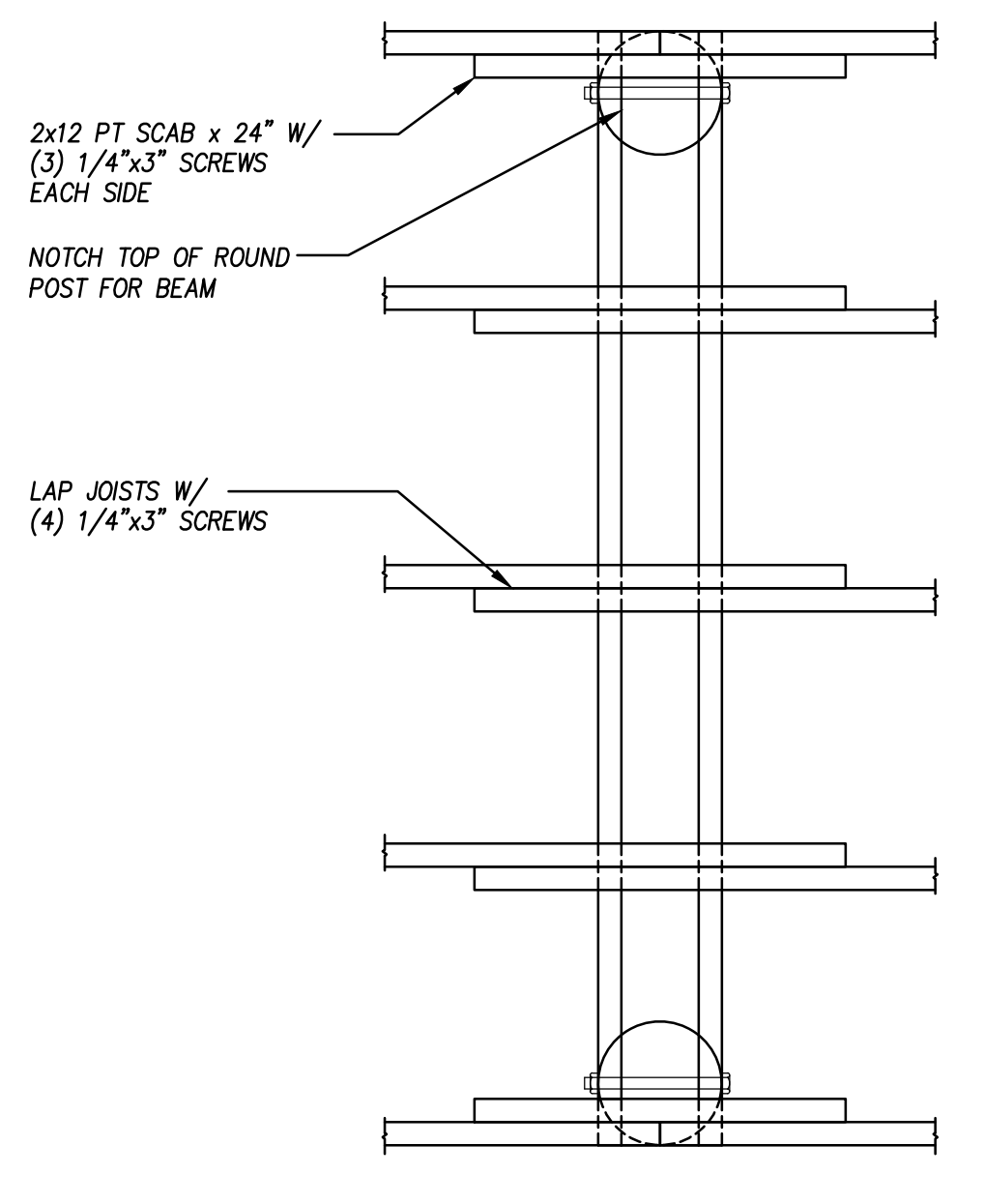
3 Typical Bridge Pier Section
1" = 1'-0"



6 Typical Bridge Abutment
1" = 1'-0"



4 Typical Bridge Section
1" = 1'-0"



5 Typical Bridge Pier Plan
1" = 1'-0"

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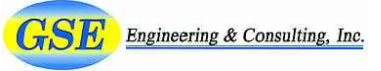
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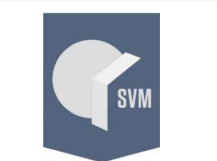
SHEET TITLE:
Typical Bridge Details

SHEET NUMBER:
S1

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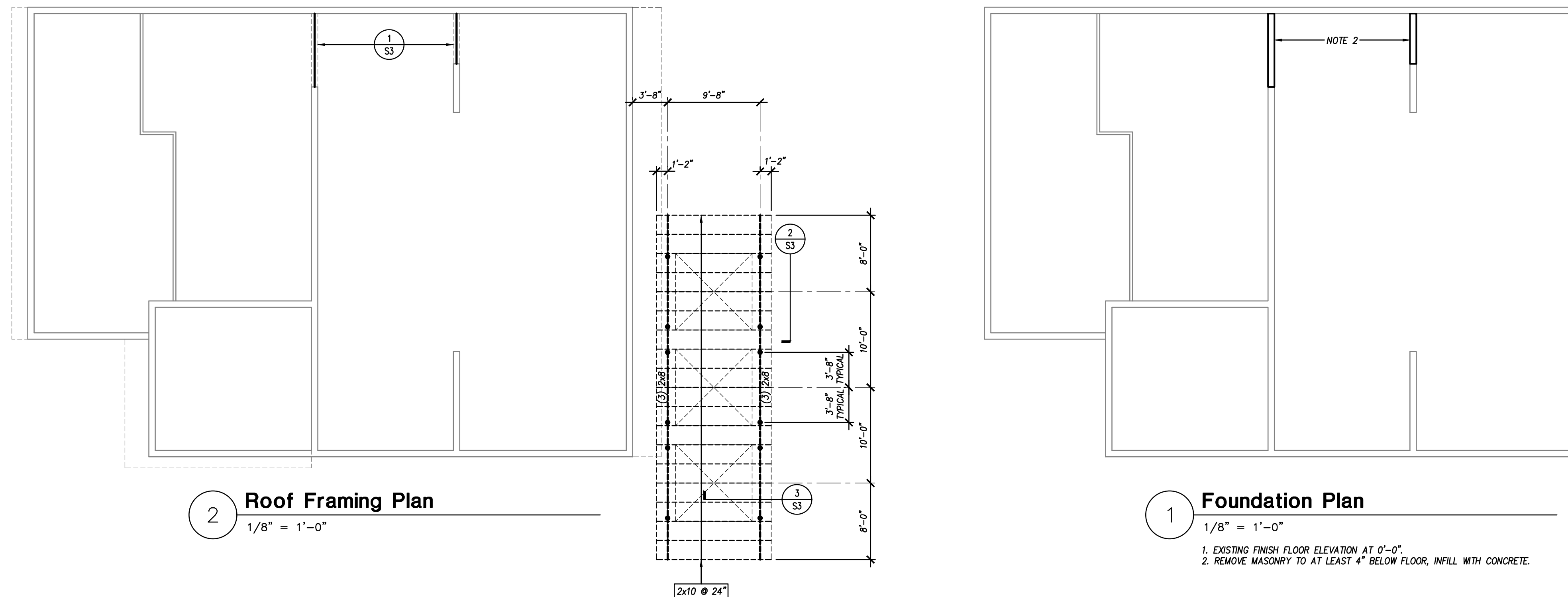
REVISIONS:

SCALE:

SHEET TITLE:
Building and Canopy

SHEET NUMBER:

S2



2 Roof Framing Plan
1/8" = 1'-0"

1 Foundation Plan
1/8" = 1'-0"
1. EXISTING FINISH FLOOR ELEVATION AT 0'-0".
2. REMOVE MASONRY TO AT LEAST 4" BELOW FLOOR, INFILL WITH CONCRETE.

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 RESPONSIBILITIES:** WSE HAS NO CONSTRUCTION PHASE SUPERVISORY RESPONSIBILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, PROCEDURES, TECHNIQUES, 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 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.
 - PUBLIC CORRIDORS & STAIRS, BRIDGE 100 PSF
- ROOF LIVE LOADS (FBC 1607.12)**
 - ROOF SLOPE: FLAT TO LESS THAN 4:12 20 PSF
- WIND LOADS (FBC 1609)** WIND LOADS HAVE BEEN DETERMINED BASED ON ASCE 7-10.
 - ULTIMATE DESIGN WIND SPEED: 130 MPH
 - NOMINAL WIND SPEED: 101 MPH
 - BUILDING RISK CATEGORY: II
 - WIND EXPOSURE CATEGORY: B
 - INTERNAL PRESSURE COEFFICIENTS: +0.18/-0.18
 - ENCLOSURE CLASSIFICATION: FULLY ENCLOSED
 - COMPONENT & CLADDING DESIGN WIND PRESSURES:

WIND SPEED (MPH)	COMPONENT AREA (SF)	INWARD PRESSURE (PSF)	OUTWARD PRESSURE (PSF)
130	10	+18.2	-24.4
101	20	+17.5	-22.9
101	50	+16.2	-20.5
101	100	+15.4	-19.0
101	200	+14.8	-17.5
101	>500	+13.6	-15.1

02300 EARTHWORK

- GEOTECHNICAL REPORT:** SOIL BORINGS AND A GEOTECHNICAL REPORT HAVE BEEN PREPARED FOR THIS SITE BY:
GSE ENGINEERING & CONSULTING INC.
5590 SW 64TH STREET, SUITE B, GAINESVILLE FL 32608
JOAKIM P. NORDQVIST, P.E. #42681
DATED: JANUARY 4, 2019
- BEARING SOIL:** BASED ON BORINGS IN GEOTECHNICAL REPORT, SOILS ENCOUNTERED ARE SANDS WITH SILT AND CLAYEY SANDS TO 10-11 FT DEPTH, UNDERlain BY CLAYEY SAND AND CLAY TO BORING TERMINATION DEPTH OF 20 FT. ALLOWABLE DESIGN BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF.
- FOOTING BEARING:** FOOTINGS ARE TO BEAR ON SUITABLE EXISTING SOILS OR PREPARED STRUCTURAL FILL. FOOTINGS SHALL BEAR A MINIMUM OF 18 INCHES BELOW ADJACENT GRADE. SOILS AT BRIDGE ABUTMENTS ARE TO BE FURTHER PROBOD FOR PRESENCE OF ORGANICS. IF ORGANICS ARE DISCOVERED, REMOVE AND REPLACE WITH STRUCTURAL FILL AS DIRECTED BY GEOTECHNICAL ENGINEER.
- GROUND/SURFACE WATER CONTROL:** GROUNDWATER WAS ENCOUNTERED IN SOIL BORINGS AT A DEPTH OF ABOUT 2.5 TO 12 FEET. THIS DEPTH MAY FLUCTUATE DEPENDING ON THE SEASON. EXCAVATION AND BACKFILL OPERATIONS ARE TO BE MAINTAINED IN A DRY CONDITION. SLOPE OR CROWN EXPOSED BUILDING SUBGRADES TO PROMOTE RUN-OFF AND PREVENT PONDING. SURFACE AND INFILTRATING WATER ARE TO BE REMOVED BY GRADING AND PUMPING FROM SLUMPS AS REQUIRED. GROUNDWATER OPERATIONS ARE TO BE MAINTAINED AT LEAST 2 FEET BELOW GRADE DURING COMPACTON OPERATIONS. DEWATER PRIOR TO BEGINNING EXCAVATIONS AND MAINTAIN CONTINUE DEWATERING UNTIL BACKFILL AND COMPACTION IS COMPLETE.

03300 STRUCTURAL CONCRETE

- 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 "MEASURING, MIXING, TRANSPORTING, PLACING"
 - ACI 305 "HOT WEATHER CONCRETING"
 - ACI 306 "COLD WEATHER CONCRETING"
 - ACI 315 "REINFORCING DETAILING AND PLACEMENT"
 - ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
- CONCRETE MIXES:** ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT (140-150 PCF) UNLESS OTHERWISE NOTED. PROVIDE MIXES DESIGNED TO MEET THE FOLLOWING CRITERIA FOR VARIOUS ELEMENTS IN THE STRUCTURE:

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

04200 UNIT MASONRY

- CODE COMPLIANCE:** COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 21, AND AISC 530.1-0B/ASCE 6-08 "SPECIFICATION FOR MASONRY STRUCTURES."
- CONCRETE MASONRY UNITS (CMU):** ASTM C 90, TYPE 1, TWO CORE, NORMAL WEIGHT UNITS, 1,900 PSI NET AREA COMPRESSIVE STRENGTH, $f_m = 1,500$ PSI.
 - INSTALL IN RUNNING BOND ONLY.
 - DO NOT WET CMU BEFORE LAYING.
 - PROVIDE HALF-LAP BOND AT CORNERS AND INTERSECTIONS.
 - INSTALL PRECAST U-SHAPED LINTELS PER LINTEL SCHEDULE.
- MORTAR:** ASTM C 270.
 - TYPE S - FOR CONCRETE MASONRY UNITS.
 - DO NOT USE MORTAR ADMIXTURES.
 - DISCARD UNUSED MORTAR AFTER 24 HOURS AFTER MIXING.
 - USE FULL FACE, WEB AND HEAD BEDDING.
- GROUT:** ASTM C 476, FINE OR COARSE GROUT, MINIMUM 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, 8-11 INCH SLUMP.
 - HIGH AND LOW LIFT GROUT POURS ARE ACCEPTABLE.
 - POURS LESS THAN 5 FEET HIGH ARE LOW LIFT AND DO NOT REQUIRE CLEANOUTS AT BASE OF WALL.
 - POURS OVER 5 FEET HIGH ARE HIGH LIFT AND INSPECTION CLEANOUTS AT BASE OF WALL.
 - MECHANICALLY CONSOLIDATE ALL GROUT POURS.

05120 STRUCTURAL STEEL

- CODE COMPLIANCE:** COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 22, AND AISC "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS AND BRIDGES."
- STEEL MEMBERS:**
 - WIDE FLANGE SHAPES (W & WT): ASTM A 992, GRADE 50.
 - ROLLED SHAPES (M, S, MT & ST): ASTM A 36, 36 KSI YIELD.
 - CHANNELS (C & MC): ASTM A 572, GRADE 50.
 - HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A 500, GRADE B, 46 KSI YIELD.
 - ROUND PIPE: ASTM A 53, TYPE E OR TYPE S, GRADE B, 35 KSI YIELD.
 - CONNECTION MATERIAL, MISCELLANEOUS ANGLES, BARS & PLATES: ASTM A 36, 36 KSI YIELD.
- FASTENERS:**
 - ANCHOR RODS: ASTM F 1554, MINIMUM 36 KSI YIELD STRENGTH.
 - HIGH STRENGTH THREADED FASTENERS: ASTM A 325, 3/4 INCH DIAMETER.
 - WELDING ELECTRODES: AWS D1.1, E70.
- STEEL FINISHES:**
 - STEEL EXPOSED TO EXTERIOR ENVIRONMENT: ONE SHOP COAT "PRIME-ZINC" BY TEENEC OR EQUIVALENT.
 - TOUCH-UP: APPLY TOUCH-UP PRIMER TO FIELD WELDS, BOLT HEADS AND ABRASIONS IN PRIMER.
- ERECTOR:** ERECTOR IS RESPONSIBLE FOR ERECTION SAFETY. PROVIDE TEMPORARY SUPPORTS FOR STRUCTURAL STEEL FRAME DURING ERECTION. STEEL FRAMES ARE TO BE CONSIDERED "NON-SELF SUPPORTING" REQUIRING INTERACTION WITH STRUCTURAL WALLS, ROOF AND FLOOR DIAPHRAGMS TO PROVIDE LATERAL STABILITY.
- CONNECTIONS:** CONNECTIONS ARE TO BE TIGHTENED TO "SNUG-TIGHT" CONDITION UNLESS OTHERWISE NOTED.
- TOLERANCES:** INSTALL ANCHOR RODS AND EMBEDDED ITEMS TO MEET TOLERANCES SHOWN IN AISC "CODE OF STANDARD PRACTICE" SECTION 7.5 AND 7.6. ERECT STRUCTURAL STEEL FRAME TO MEET TOLERANCES SHOWN IN SECTION 7.11.
- ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS):** STEEL DESIGNATED ON DRAWINGS AS "AESS" IS TO COMPLY WITH AISC "CODE OF STANDARD PRACTICE" SECTION 10.
- TESTING & INSPECTION:** PROVIDE VISUAL INSPECTION OF WELDED AND BOLTED CONNECTIONS.

06100 WOOD

- CODE COMPLIANCE:** COMPLY WITH FLORIDA BUILDING CODE, CHAPTER 23, AND AISC "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS AND BRIDGES."
- WOOD FINISHES:** PS20 GRADING, NOMINAL SIZES, MAXIMUM 19 PERCENT MOISTURE CONTENT. PROVIDE SPECIES & GRADES AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - JOISTS, HEADERS, BEAMS, BRACING: NO. 2 SOUTHERN PINE (SP).
- STRUCTURAL WOOD PANELS:** MARK ALL PANELS WITH APA CERTIFICATION. PROVIDE THE FOLLOWING PANEL TYPE, THICKNESS, AND NAILING, UNLESS OTHERWISE NOTED.
 - ROOF SHEATHING: 7/16" THICK, ORIENTED STRAND BOARD (OSB), SHEATHING GRADE, OR APA RATED CDX PLYWOOD SHEATHING, FASTEN PER TYPICAL ROOF SHEATHING DETAIL.
- WOOD FASTENERS, ANCHORS & CONNECTORS:**
 - UNLESS OTHERWISE NOTED, USE FASTENERS AS SPECIFIED IN FBC TABLE 2304.9.1 "FASTENING SCHEDULE."
 - ANCHOR BOLTS: ASTM A 307 OR A 36, 36 KSI YIELD STRENGTH.
 - BOLTS: ASTM A 307.
 - NAILS: COMMON, MIL. GALVANIZED, UNLESS NOTED OTHERWISE.
 - SCREWS: SELF-DRILLING WOOD SCREWS.
 - CONNECTORS, ANCHORS, STRAPS & TIES: SIMPSON STRONG-TIE OR EQUIVALENT. REFER TO ANCHOR SCHEDULE.
 - CORROSION PROTECTION: PROVIDE HOT-DIP GALVANIZED ANCHOR BOLTS, BOLTS, NUTS, WASHERS, NAILS, SCREWS, ANCHORS, CONNECTORS AND OTHER HARDWARE WHEN EXPOSED TO EXTERIOR WEATHER OR IN CONTACT WITH PRESERVATIVE TREATED LUMBER. COMPLY WITH ASTM A 153 FOR HOT-DIP FASTENER PRODUCTS, OR ASTM A 653, "G-185" COATING FOR HOT-DIP CONNECTOR AND SHEET PRODUCTS. USE SIMPSON ZMAX COATING OR EQUIVALENT.
- WOOD TREATMENT:** PROVIDE PRESERVATIVE TREATED WOOD FOR ALL LOCATIONS WHERE WOOD IS IN CONTACT WITH SOIL, CONCRETE OR MASONRY, OR IS PERMANENTLY EXPOSED TO EXTERIOR WEATHER. PROVIDE PRESERVATIVE FOR BRIDGE COMPONENTS AS DESCRIBED BELOW.
BRIDGE POSTS - COA, CHROMIATED COPPER ARSENATE TREATED TO USE CATEGORY UC5C, MARINE USE IN SOUTHERN WATERS, 2.50 LB/CF.
ALL OTHER BRIDGE MEMBERS - ACCO, ALKALINE COPPER QUATERNARY TREATED TO USE CATEGORY A4C, GROUND CONTACT EXTREME DUTY, 0.6 LB/CF.
- TESTING & INSPECTION:** INSPECT FRAMING FOR SIZE, SPECIES, GRADE, SPACING AND CONNECTORS.

NOT FOR CONSTRUCTION

KIWANIS GIRL SCOUT PARK IMPROVEMENTS

City of Gainesville
WSPP

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SEAL:

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PROJECT NO: 18-050

CLIENT'S NO.:

ISSUED FOR: 90% REVIEW

ISSUED DATE: 25 FEB 2019

REVISIONS:

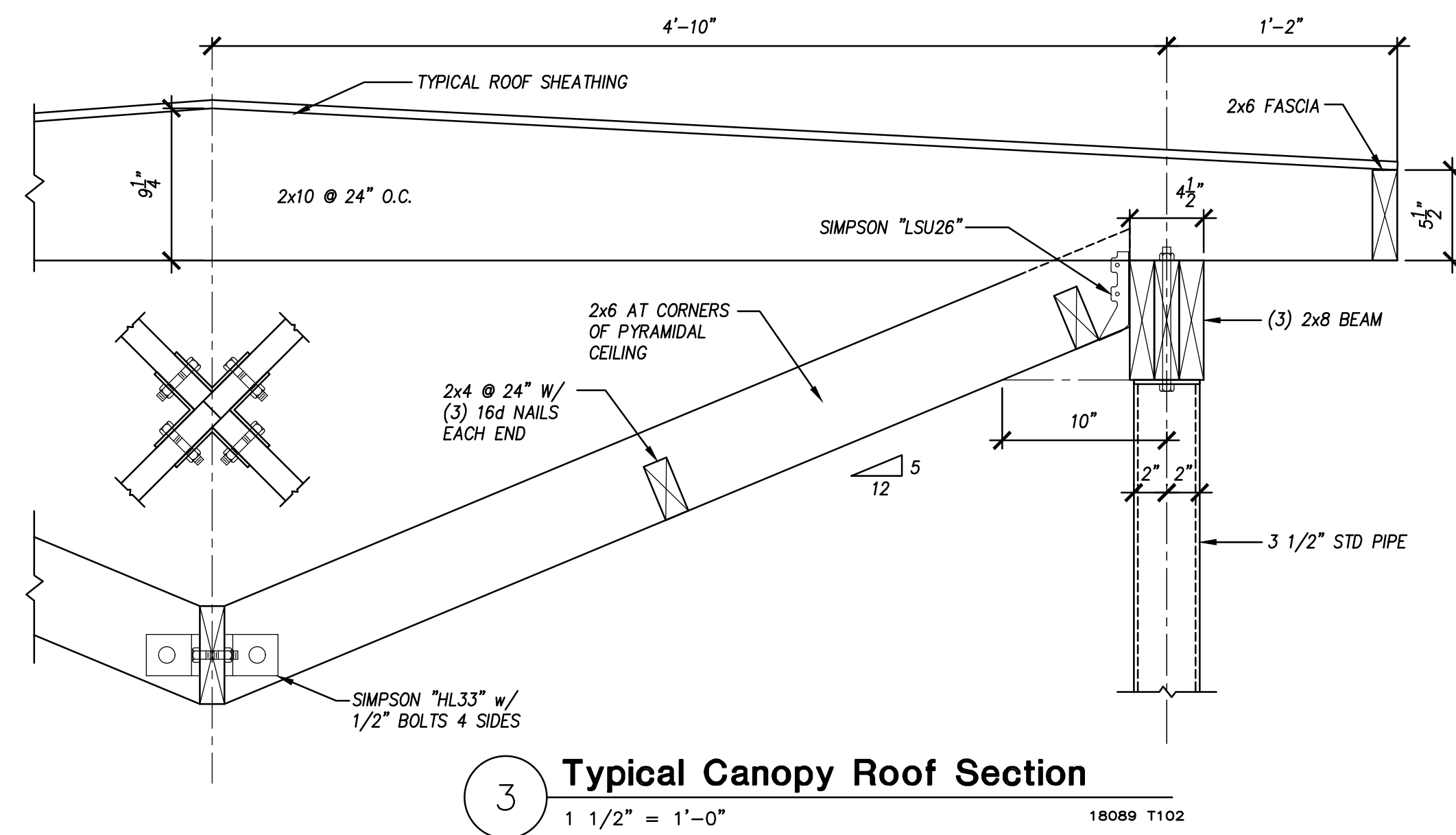
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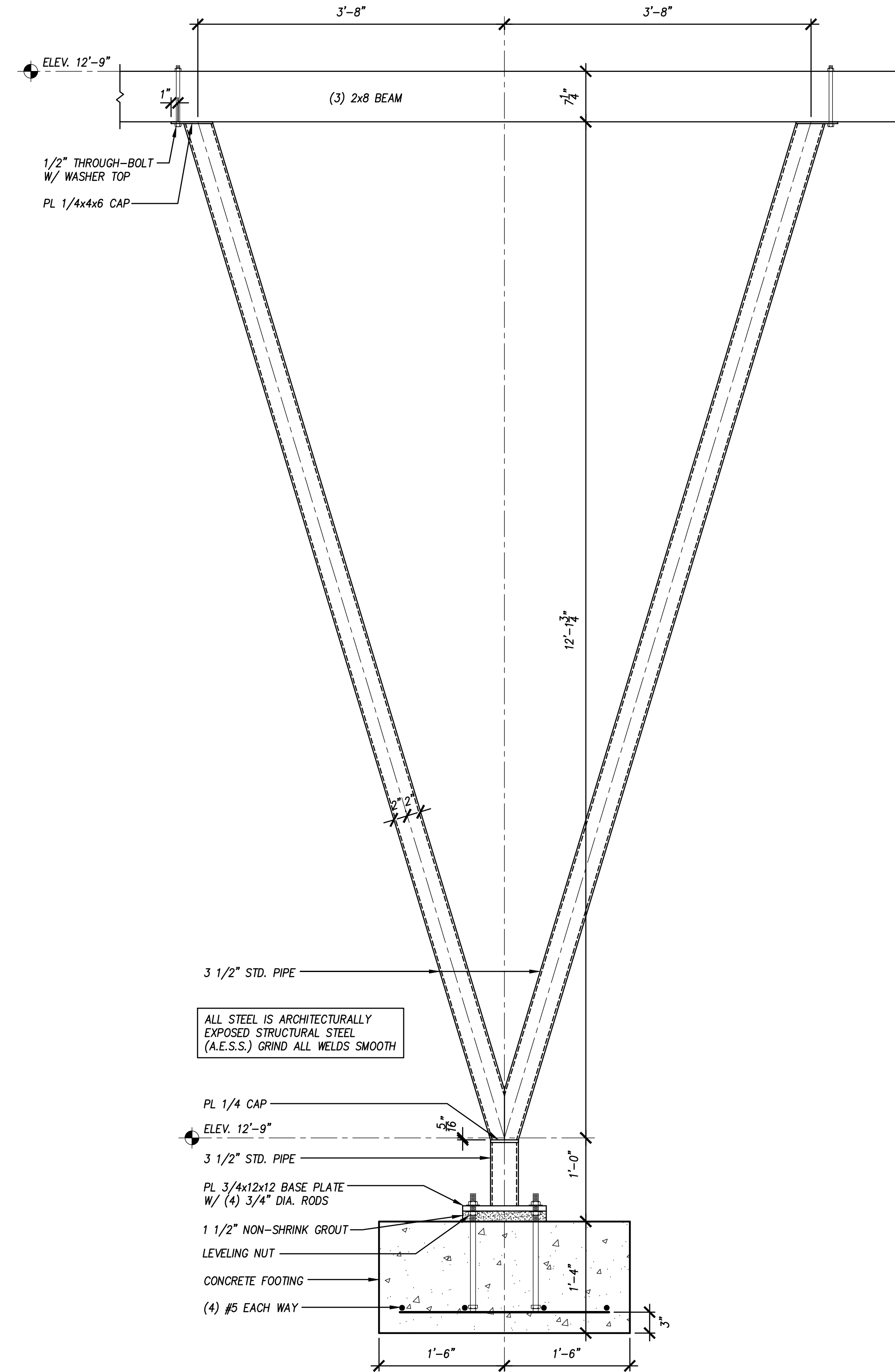
Typical Building
Details

SHEET NUMBER:

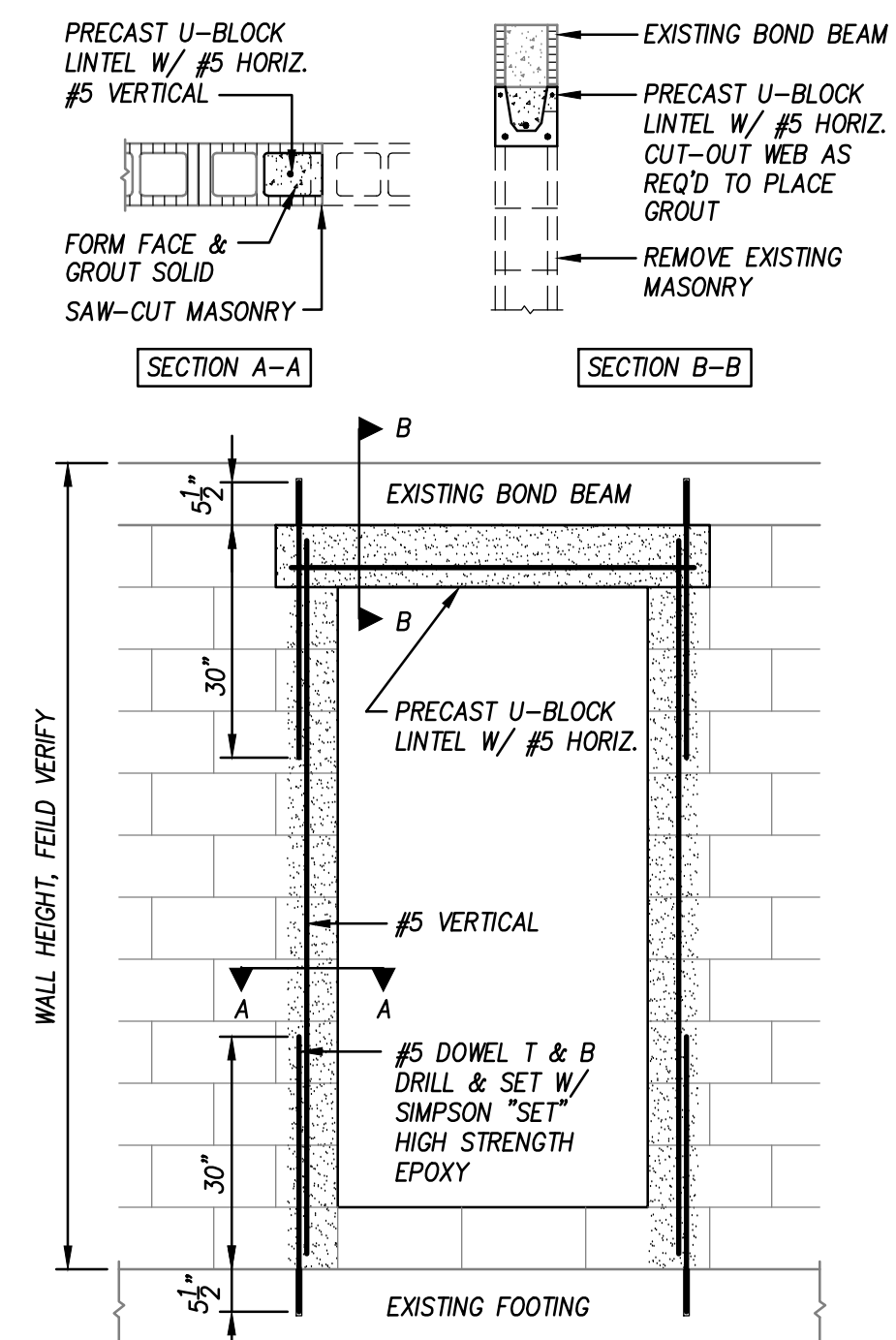
S3



3 Typical Canopy Roof Section
1 1/2" = 1'-0"



2 Typical Canopy Frame
1" = 1'-0"



1 Typ. New Opening in Existing Wall
1/2" = 1'-0"

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