SMOKEY POINT COMMUNITY PARK

ARLINGTON, WA

OWNER

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ARLINGTON, WA 98223
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ROCK PROJECT MANAGEMENT
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BERNIE O'DONNELL

LANDSCAPE ARCHITECT

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ANDY RASMUSSEN

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TRISH SHERMAN

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SEATTLE, WA 98121
206.343.3000
LISA WIPPLINGER

MEP

BCE ENGINEERS, INC
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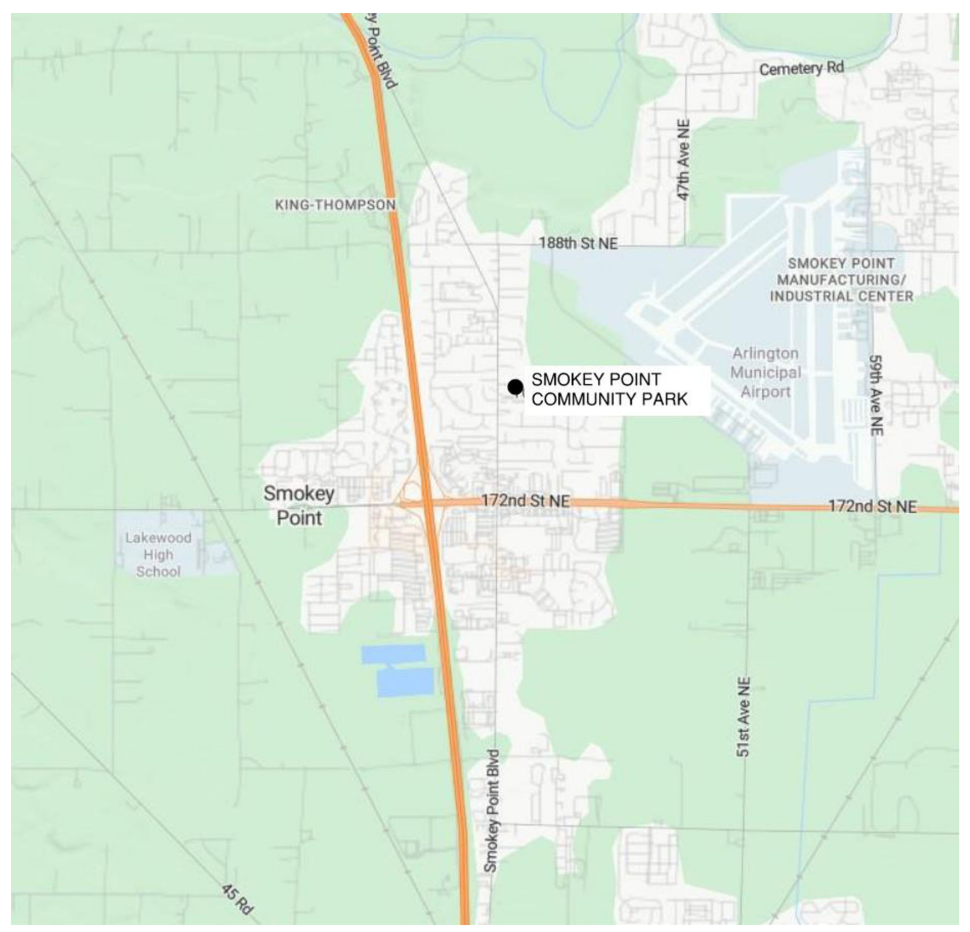
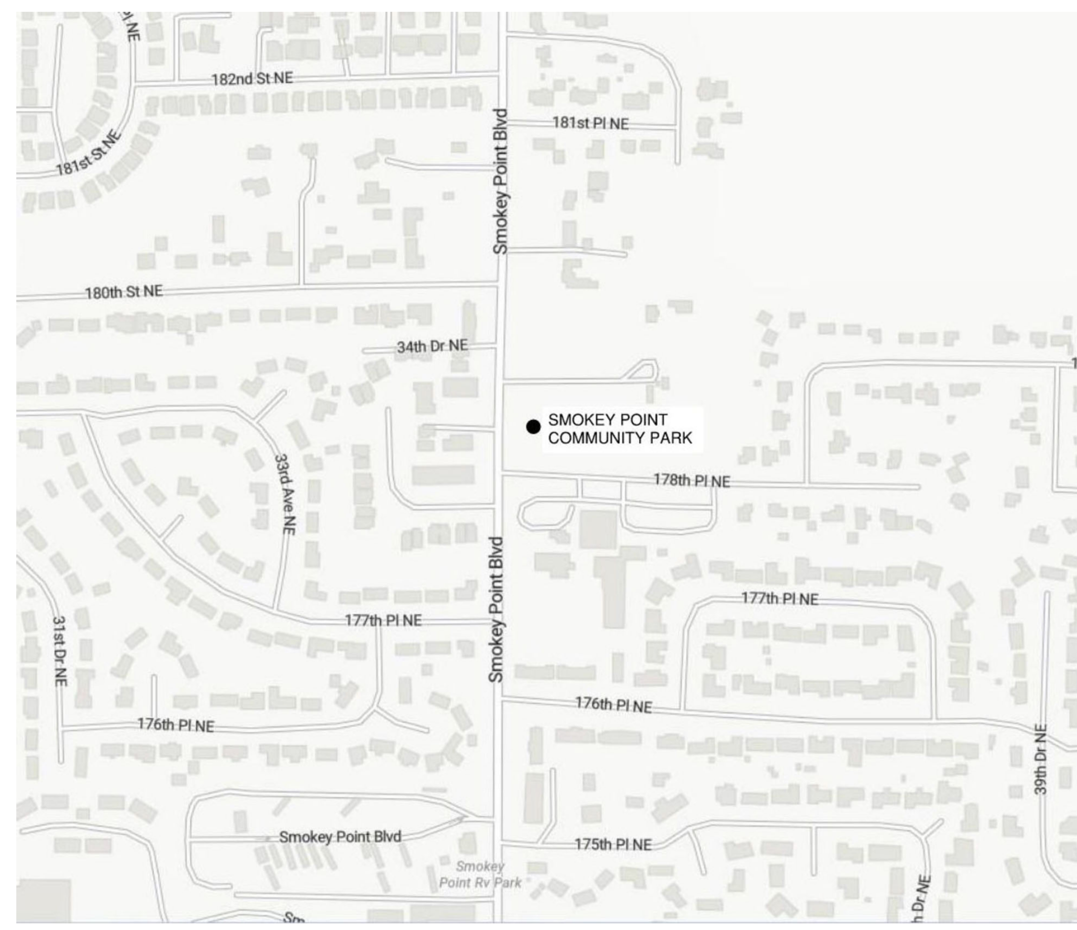
FIFE, WA 98424
425.336.2822
BEN PREHODA

VICINITY MAP



ENLARGED VICINITY MAP



SITE ADDRESS

VICINITY OF SMOKEY POINT BOULEVARD &
178TH PLACE NORTHEAST
ARLINGTON, WA

PROJECT DATA

EXISTING SITE USE: OPEN GRASS FIELD
PROPOSED SITE USE: CITY PARK
PARCEL SIZE: SITE AS SHOWN CONTAINS 78,229 SQUARE FEET OR 1.7959 ACRES, MORE OR LESS.
ZONING: RMD
PARCEL: 31052100302300

SHEET INDEX

LEGAL DESCRIPTION

LOT 1 OF SNOHOMISH COUNTY SHORT PLAT NO. 229(10-74) RECORDED UNDER AUDITOR'S FILE NO. 2363994, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

TITLE REPORT REFERENCE:
THIS SURVEY WAS CONDUCTED ACCORDING TO THE DESCRIPTION SHOWN, FURNISHED BY CHICAGO TITLE COMPANY OF WASHINGTON, COMMITMENT NO. 500138893, DATED JANUARY 12, 2023. THE EASEMENTS SHOWN OR NOTED HEREON RELATE TO THIS COMMITMENT.

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.

SMOKEY POINT COMMUNITY PARK

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE 2022 DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS FOR CITY OF EVERETT. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
2. A COPY OF THE APPROVED PLANS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT OF WAY MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE AND ATTEND A PRECONSTRUCTION MEETING WITH THE CITY OF EVERETT. THE OWNER, RECORD ENGINEER, CONTRACTOR AND DESIGNATED SUBCONTRACTORS SHALL BE PRESENT AT THE PRECONSTRUCTION MEETING.
5. EXISTING PAVED SURFACES INCLUDING ROADWAYS, SIDEWALKS, AND CURBS THAT ARE DAMAGED BY NEW CONSTRUCTION SHALL BE REPAIRED AS REQUIRED BY CITY OF EVERETT AND THEIR INSPECTORS.
6. ALL DAMAGE TO CITY INFRASTRUCTURE CAUSED BY THE CONSTRUCTION SHALL BE REPAIRED AS REQUIRED BY THE CITY OF EVERETT.
7. THE APPROVED PLANS SHOW THE APPROXIMATE AREA OF PAVEMENT RESTORATION BASED ON THE DEPTH OF UTILITY CUTS AND/OR THE AREA OF CURB AND/OR PAVEMENT TO BE REMOVED AND REPLACED.
8. IF AN EXISTING CURB IS TO BE REMOVED AND REPLACED IN THE SAME LOCATION THE CONTRACTOR SHALL PROVIDE THE CITY OF EVERETT INSPECTOR A PLAN WITH EXISTING FLOW LINE AND TOP OF CURB ELEVATIONS IDENTIFIED. PERMITTEE TO STAKE THE LOCATION OF THE EXISTING CURB PRIOR TO DEMOLITION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REFERENCING AND REPLACING ALL MONUMENTS THAT MAY BE DISTURBED, DESTROYED OR REMOVED BY THE PROJECT AND SHALL FILE AN APPLICATION FOR PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, PURSUANT TO RCW 58.24.040(8).
10. THE CONTRACTOR SHALL SUBMIT ALL APPLICABLE DOCUMENTS AS REQUIRED PER THE CITY OF EVERETT DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS PRIOR TO CONSTRUCTION. A MATERIAL SOURCE FORM FOR ALL MATERIALS TO BE PLACED IN THE RIGHT OF WAY AND MIX DESIGNS FOR ALL ASPHALT, CONCRETE AND AGGREGATES TO BE PLACED IN THE RIGHT OF WAY MUST BE SUBMITTED TO THE CITY OF EVERETT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
11. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DISTRICT AND CITY OF EVERETT AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE FIRE DISTRICT OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
12. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION.
13. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATOR SERVICE (811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR SHALL CONTACT A PRIVATE UTILITY LOCATOR FOR ALL ON-SITE WORK ON THE PROJECT AND ADJACENT PRIVATE PROPERTIES, AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
15. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, POTHOLE EXCAVATION AND OTHER MEANS AND METHODS.
16. THE CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED MANHOLE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISH GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS. THIS INCLUDES AS REQUIRED DURING PHASING TO ACCOMMODATE INTERIM AND FINAL GRADING
17. THE CONTRACTOR SHALL PROVIDE FOR ALL TESTING AS REQUIRED BY THE CITY OF EVERETT INSPECTOR.
18. BACKFILL MATERIAL USED IN PUBLIC RIGHT-OF-WAY SHALL MEET STANDARD SPECIFICATIONS AND SHALL BE APPROVED BY THE CITY OF EVERETT.
19. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY EROSION CONTROL AND SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE NATURAL OR PUBLIC DRAINAGE SYSTEM. AS CONSTRUCTION PROGRESSES AND UNEXPECTED (SEASONAL) CONDITIONS DICTATE, ADDITIONAL CONTROL FACILITIES MAY BE REQUIRED. DURING THE COURSE OF CONSTRUCTION IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THE CONTRACTORS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES THAT MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES.
20. THE CONTRACTOR SHALL KEEP ALL PAVED SURFACES IN THE RIGHT OF WAY CLEAN BY SWEEPING. USE VACUUM TYPE SWEEPER
21. CARE SHALL BE EXERCISED WHEN EXCAVATING NEAR EXISTING CHARGED WATER MAINS.
22. ALL UTILITY CROSSINGS NOTED AS "ASSUMED" ARE UNKNOWN DURING DESIGN. THE UNKNOWN ELEVATIONS AND LOCATIONS MUST BE VERIFIED PRIOR TO ANY UTILITY CONSTRUCTION. ELEVATIONS THAT DIFFER FROM ASSUMED ELEVATION SHALL BE FORWARDED TO THE CIVIL ENGINEER FOR REVIEW.

COVER NOTES

1. UTILIZE MULCH OR PLASTIC SHEETING FOR SHORT-TERM EROSION CONTROL DISTURBED AREAS OR SOIL STOCKPILES THAT REQUIRE COVER MEASURES FOR LESS THAN 30 DAYS.
2. SEEDING SHALL BE USED THROUGHOUT THE PROJECT ON DISTURBED AREAS THAT HAVE REACHED FINAL GRADE OR THAT WILL REMAIN UNWORKED FOR MORE THAN 30 DAYS.
3. SODDING MAY BE USED AS AN ALTERNATIVE FOR AREAS THAT REQUIRE SHORT-TERM OR LONG-TERM COVER, OR IMMEDIATE VEGETATIVE COVER.

PROJECT NOTES

1. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS AND EXERCISE SOUND ENGINEERING AND CONSTRUCTION PRACTICES IN CONDUCTING THE WORK. THE CONTRACTOR SHALL PROTECT EXISTING PUBLIC AND PRIVATE UTILITIES FROM DAMAGE DURING CONSTRUCTION. IF EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY PURVEYOR, OWNER AND THE ENGINEER. THE CONTRACTOR SHALL RESTORE THE UTILITY TO ITS EXISTING CONDITION. (WSDOT SEC. 1-07.17 APWA SUPPLEMENT). THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND THE METHODS OF CONSTRUCTION FOR WORK SHOWN ON THESE PLANS.
2. ALL EXCAVATION, TRENCHING, SUBGRADE PREPARATION, FILL PLACEMENT, AND ALL SOIL WORK IN GENERAL SHALL BE CONDUCTED IN COMPLIANCE WITH THE CITY OF EVERETT STANDARDS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A PROFESSIONAL LAND SURVEYOR TO REFERENCE EXISTING MONUMENTS ON OR ADJOINING ESTABLISHED SAID POINTS AT PROJECT COMPLETION. THIS REESTABLISHMENT SHALL BE DOCUMENTED BY RECORD OF SURVEY PREVIOUS TO DEMOLITION OR CONSTRUCTION AND TO RECORNER RECORD AS DESCRIBED IN W.A.C. 332-120.
4. CONTRACTOR SHALL MAINTAIN A 5 FOOT MINIMUM HORIZONTAL CLEARANCE FROM THE WATER MAIN AND OTHER UTILITIES (i.e. GAS, CABLE, POWER, ETC.). IF SAID CLEARANCE CANNOT BE MAINTAINED, CONTACT ENGINEER FOR APPROVAL AND RECORD EXACT MEASUREMENTS OF THE UTILITY LINES ON THE AS-BUILT DRAWINGS, A 10 FOOT MINIMUM HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN WATER MAIN AND SANITARY SEWER.
5. SCHEDULE WITH CITY AND OWNER (96 HOURS MINIMUM NOTICE FOR WATER MAIN SHUT DOWN ON THE SCHOOL SITE). INSTALL CITY STANDARD TESTING CONNECTION ON NEW WATER MAIN FOLLOWING COMPLETION OF NEW WATER SYSTEM CONSTRUCTION, TESTING, AND ACCEPTANCE BY THE CITY, REMOVE TESTING CONNECTION AND INSTALL SEGMENT OF DI PIPE, LENGTH TO SUIT, WITH TWO LONG PATTERN SLEEVES. INSTALLATION AND CONNECTION TO EXISTING WATER SYSTEM SHALL BE WITH 100% CITY INSPECTION.
6. UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NOT A GUARANTEE THAT ALL UTILITY LINES ARE SHOWN OR THAT THE LOCATION, SIZE, AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPING WHERE CROSSINGS, INTERFERENCE'S OR CONNECTIONS OCCUR PRIOR TO TRENCHING OR EXCAVATION FOR ANY PIPE OR STRUCTURES, TO DETERMINE ACTUAL LOCATIONS, SIZE AND MATERIAL. THE CONTRACTOR SHALL MAKE THE APPROPRIATE PROVISION FOR PROTECTION OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY ONE CALL AT 811 AND ARRANGE FOR PUBLIC AND PRIVATE FIELD LOCATION OF EXISTING FACILITIES BEFORE CONSTRUCTION.
7. SCHEDULE WITH CITY (48 HOURS MINIMUM NOTICE) FOR WATER METER SHUTOFF AND TO RETIRE METERS.

LEGAL DESCRIPTION

LOT 1 OF SNOHOMISH COUNTY SHORT PLAT NO. 229(10-74) RECORDED UNDER AUDITOR'S FILE NO. 2363994, RECORDS OF SNOHOMISH COUNTY, WASHINGTON.

SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON.

TITLE REPORT REFERENCE:
THIS SURVEY WAS CONDUCTED ACCORDING TO THE DESCRIPTION SHOWN, FURNISHED BY CHICAGO TITLE COMPANY OF WASHINGTON, COMMITMENT NO. 500138893, DATED JANUARY 12, 2023. THE EASEMENTS SHOWN OR NOTED HEREON RELATE TO THIS COMMITMENT.

NOTE: EASEMENTS CREATED OR RESCINDED AFTER THIS DATE ARE NOT SHOWN OR NOTED HEREON.

HORIZONTAL DATUM: NAD 83/2007

HORIZONTAL BENCHMARKS:

OWNER:	SNOHOMISH COUNTY
DESCRIPTION:	PUNCHED "X" IN 3" DISK IN CASE, DN. 0.80'
ID#	3345
LOCATION:	INTS. 180TH ST. N.E. & SMOKEY PT. BLVD.
NORTHING:	425927.263(PUBLISHED)
EASTING:	1311049.816(PUBLISHED)

OWNER:	SNOHOMISH COUNTY
DESCRIPTION:	PUNCHED "X" IN 3" DISK IN CASE, DN. 0.50'
ID#	438
LOCATION:	INTS. 172ND ST. N.E.. & SMOKEY PT. BLVD.
NORTHING:	423276.8996 (PUBLISHED)
EASTING:	1310992.61 (PUBLISHED) LIES 0.09' S. OF RECORD SECTION CORNER POSITION FROM 1995 (HELD '95)

VERTICAL DATUM: NAVD 88

VERTICAL BENCHMARKS:

SOURCE:	SNOHOMISH COUNTY
ID#:	2581
DESCRIPTION:	LEAD PLUG IN 4"X4" CONC POST IN CASE, DN. 0.80'
LOCATION:	INTS. 180TH ST. N.E. & 31ST. DR. N.E.
ELEVATION:	126.979'

SITE DATA

SITE ADDRESS:	VICINITY OF SMOKEY POINT BOULEVARD & 178TH PLACE NORTHEAST ARLINGTON, WA 98223
TAX PARCEL NUMBER:	31052100302300
ZONING:	RMD

CONSTRUCTION SEQUENCE

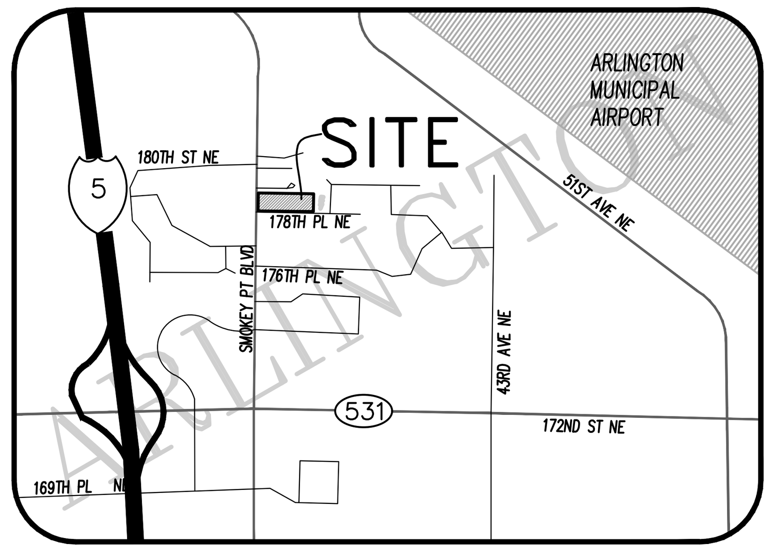
1. BEFORE ANY CONSTRUCTION ACTIVITY ARRANGE AND ATTEND PRE-CONSTRUCTION CONFERENCES WITH CITY OF EVERETT AND JACOBSON CONSULTING ENGINEERS.
2. PROVIDE TEMPORARY AND INTERIM MEASURES REQUIRED FOR EXECUTION OF THE WORK.
3. VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES. CONTACT ALL UTILITY COMPANIES OR PROVIDERS THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION. CALL 811 AND UTILIZE PRIVATE LOCATING COMPANY ALONG THE ENTIRE WORK AREA.
4. FLAG CLEARING LIMITS AS INDICATED ON DRAWINGS.
5. POST SIGN W/ NAME AND PHONE NUMBER OF TESC SUPERVISOR.
6. PROVIDE CATCH BASIN PROTECTION AND OTHER APPROPRIATE TESC MEASURES, INCLUDING STRAW WATTLES, ETC. COORDINATE WITH CITY OF EVERETT SITE AND R.O.W. INSPECTOR.
7. BACKFILL AND COMPACT TRENCHES AND EXCAVATION PER THE DOCUMENTS.
8. PATCH AND RESTORE SITE PER PLANS.
9. INSTALL ALL NEW PAVING, LANDSCAPING AND SITE STABILIZATION. PROTECT RECENTLY INSTALLED DRAINAGE INSTALLATIONS. IF THESE FACILITIES BECOME CONTAMINATED AS RESULT OF THE SITE NOT BEING FULLY STABILIZED PRIOR TO COMING ON-LINE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
10. CONTACT DESIGN ENGINEER AND CITY SO THEY CAN PUNCH LIST THE SITE. ADDRESS PUNCH LIST ITEMS AS REQUIRED.
11. APPROPRIATE MEASURES SHALL BE TAKEN TO STOP SEDIMENT FROM ENTERING SURFACE WATER BODIES IF THE PROPOSED BMPS FAIL AND SEDIMENT-LADEN WATER IS LEAVING THE SITE, IMMEDIATELY NOTIFY YOUR PUBLIC WORKS INSPECTOR.
12. BARE AND/OR DISTURBED SOILS SHALL REMAIN UNCOVERED AND/OR UNSTABILIZED FOR NO MORE THAN 2 DAYS FROM OCTOBER 1 THROUGH APRIL 30, AND FOR NO MORE THAN 7 DAYS FROM MAY 1 THROUGH SEPTEMBER 30.
13. NOTIFY THE PUBLIC WORKS INSPECTOR AT LEAST 24 HOURS PRIOR TO DEWATERING ACTIVITIES. HANDLE HIGHLY TURBID OR OTHERWISE CONTAMINATED DEWATERING WATER SEPARATELY FROM STORMWATER.
14. THE APPROVED PROJECT PUBLIC WORKS PERMIT AND SWPPP SHALL BE RETAINED ON SITE OR READILY AVAILABLE TO THE CONTRACTOR THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.
15. DESIGN, INSTALL, IMPLEMENT, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS.
16. PROTECT ALL LID BMPS FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO THE LID BMPS.

EARTHWORK QUANTITIES

EXCAVATION	2,050 CY
FILL	2,500 CY
TOTAL EARTHWORK	4,550 CY

NOTE:
THE QUANTITIES SHOWN ARE PRELIMINARY ESTIMATES ONLY AND INTENDED FOR MUNICIPAL PERMITTING AND REVIEW FEES. THE CONTRACTOR SHALL IGNORE THESE QUANTITIES, THEY ARE EXCLUDED FROM THE BID DOCUMENT INFORMATION, THESE VOLUMES SHALL NOT BE USED BY THE CONTRACTOR AS A BASIS FOR ANY CONTRACTUAL INFORMATION. THE CONTRACTOR SHALL PREPARE THEIR OWN EARTHWORK QUANTITIES BASED ON THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO DRAWINGS, SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.

VICINITY MAP



OWNER: -

LANDSCAPE ARCHITECT: WEISMAN DESIGN GROUP
1430 NE 65TH STREET
SEATTLE, WA 98115
(206) 718-6145 CONTACT: ANDY RASMUSSEN
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Sheet Index

CITY OF ARLINGTON

CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT

THIS PLAN HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES. CONFORMANCE OF THE DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE RESPONSIBILITY OF THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRE OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISTION AND COMPLIANCE OF ALL APPLICABLE PERMITS AND/OR AUTHORIZATION WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ARMY CORP OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

BY: ______________________________ DATE: ______________

Development Services Manager

THESE APPROVED CONSTRUCTION PLANS EXPIRE AFTER 18 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL.

WEISMAN**DESIGN**GROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

PROJECT MANAGEMENT:
ROCK PROJECT MANAGEMENT
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LANDSCAPE ARCHITECTURE:
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ARCHITECTURE:
DYKEMAN ARCHITECTS
(425) 259-3161
CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK
Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	

100% DD 08/25/23

COVER SHEET

C0.00

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.

CITY OF ARLINGTON TESC NOTES

1. APPROVAL OF THE TEMPORARY EROSION/SEDIMENT CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR STORM DRAINAGE DESIGN.
2. A TESC PLAN MEETING THE DOE STORM WATER MANAGEMENT MANUAL ADOPTED BY THE CITY SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ANY WORK ON THE SITE. AN APPROVED COPY MUST BE MAINTAINED ON-SITE AND BE READILY AVAILABLE TO THE CITY INSPECTOR AT THEIR REQUEST.
3. THE TESC BMP'S SHOWN ON THE PLAN MUST BE INSTALLED PRIOR TO ALL OTHER CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADDEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, LEAVE THE SITE, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. MAINTENANCE, REPALCEMENT, AND UPGRADING OF THE TESC PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE CITY.
4. THE BOUNDARIES OF THE CLEARING LIMITS, SHOWN ON THE TESC PLAN, SHALL BE CLEARLY FENCED OR FLAGGED IN THE FIELD PRIOR TO STARTING CONSTRUCTION. NO DISTURBANCE BEYOND THE FENCED OR FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FENCING AND/OR FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
5. THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AND ADDED TO AS NEEDED, FOR UNEXPECTED STORM EVENTS AND TO REFLECT CHANGED CONDITIONS, AS REQUIRED BY THE CITY.
6. THE CONTRACTOR SHALL PROVIDE THE CITY A 24-HOUR EMERGENCY CONTACT PHONE NUMBER OF THE CONTRACTOR'S CERTIFIED EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION.
7. THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED FUNCTION AND OPERATION.
8. BETWEEN OCTOBER 1 AND APRIL 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE IMMEDIATELY COVERED BY MULCH, SOD OR PLASTIC COVERING. BETWEEN MAY 1 AND SEPTEMBER 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE IMMEDIATELY COVERED BY SEEDING OR OTHER APPROVED METHODS.
9. SEDIMENT DEPOSITS SHALL BE REMOVED FROM ALL CATCH BASINS, PRE-TREATMENT/SEDIMENT POND, AND SEDIMENT TRAPS UPON REACHING A DEPTH OF 12 INCHES.
10. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES, SHALL PROVIDE ADEQUATE STORAGE CAPACITY, AND SHALL BE CLEANED OUT ENTIRELY ONCE THE SITE IS STABILIZED. IF THE PERMANENT FACILITY IS TO ULTIMATELY FUNCTION AS AN INFILTRATION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
11. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROXIMATE RATE OF 120 LBS PER ACRE.
12. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES, OR 3,000 POUNDS PER ACRE.
13. SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS. WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE, STABILIZATION BY GROUND COVER BMPS SHALL OCCUR AT THE END OF EACH WORK DAY.
14. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
15. MAINTENANCE AND REPAIR OF TESC FACILITIES AND STRUCTURES SHALL BE CONDUCTED IMMEDIATELY UPON RECOGNITION OF A PROBLEM OR WHEN THE TESC MEASURES BECOME DAMAGED.
16. UPON COMPLETION OF THE PROJECT, ALL BMP'S SHALL BE REMOVED FROM THE SITE AND RIGHT OF WAY. IF BMP'S ARE REQUIRED TO REMAIN IN PLACE FOR FURTHER PROTECTION, ARRANGEMENTS FOR REMOVAL SHALL BE MADE WITH THE CITY INSPECTOR.
17. THE DUFF LAYER AND NATIVE TOPSOIL SHALL BE RETAINED IN AN UNDISTURBED STATE TO THE MAXIMUM EXTEND PRACTICABLE. ALL AREAS SUBJECT TO CLEARING AND GRADING THAT WILL NOT BE CONVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGEINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT THE PROJECT COMPLETION, DEMONSTRATE THE REQUIREMENTS ESTABLISHED IN T5.13 OF THE 2014 SWMMWW, POST CONSTRUCTION SOIL QUALITY AND DEPTH.

ADA NOTES

THE FOLLOWING NOTES SHALL APPLY TO HARDSCAPE FACILITIES WITHIN THE PUBLIC RIGHT-OF-WAY.

1. UNLESS OTHERWISE SPECIFIED ON THE PLANS, OR DIRECTED BY THE CITY ENGINEER, CROSS SLOPES OF SIDEWALKS SHALL BE NOMINAL 1.5%. CROSS SLOPES SHALL NOT BE LESS THAN 1% NOR EXCEED 2%.
2. MAXIMUM SLOPES SHOWN ON THE PLANS REPRESENT THE MAXIMUM ALLOWABLE SLOPES PERMITTED BY CURRENT ADA REQUIREMENTS. THE CONTRACTOR SHALL TAKE INTO CONSIDERATION CONSTRUCTION TOLERANCES WHEN PLACING SIDEWALKS TO INSURE MAXIMUM SLOPES ARE NOT EXCEEDED.
3. COMPLETED SIDEWALKS OR OTHER HARDSCAPE ELEMENTS THAT EXCEED MAXIMUM SPECIFIED SLOPES OR ARE LESS THAN MINIMUM SPECIFIED SLOPES SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

CITY OF ARLINGTON SEWER SYSTEM CONSTRUCTION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS, AND CURRENT EDITION OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRES CITY APPROVAL.
2. ALL MATERIALS SHALL CONFORM TO THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS AND THE MATERIAL SUBMITTALS SHALL BE APPROVED BY THE CITY BEFORE SCHEDULING THE PRECONSTRUCTION CONFERENCE AND BEFORE THE MATERIALS ARE DELIVERED TO THE JOB SITE. ONCE THE MATERIALS ARE DELIVERED TO THE JOB SITE THE INSPECTOR WILL DETERMINE IF THE MATERIALS WERE MANUFACTURED TO MEET THE REQUIREMENTS OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS BEFORE THE MATERIALS CAN BE INSTALLED.
3. ALL SEWER MAINS AND SIDE SEWER STUBS SHALL BE FIELD STAKED FOR GRADES AND ALIGNMENT BY A SURVEYOR PRIOR TO CONSTRUCTION. THE CONSTUCTION STAKES MUST SHOW THE STATION AND OFFSET TO THE ALIGNMENT.
4. THE CITY OF ARLINGTON WASTEWATER DIVISION SHALL BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF A TAP OR CONNECTION TO AN EXISTING SANITARY SEWER MAIN. THE INSPECTOR SHALL BE PRESENT AT THE TIME OF THE TAP OR CONNECTION.
5. GRAVITY SEWERS, INCLUDING SIDE SEWERS, WITH 5 TO 14 FEET OF COVER SHALL BE PVC ASTM D 3034 SDR 35. GRAVITY SEWER MAINS WITH LESS THAN 5 FEET OR GREATER THAN 14 FEET OF COVER SHALL BE DUCTILE IRON PIPE CLASS 52, OR C-900 PVC. IF DUCTILE IRON PIPE IS USED FOR SEWER, THE PIPE INTERIOR SHALL BE EPOXY COATED (NOT CEMENT-LINED).
6. PRE-CAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C-478. JOINTS SHALL BE RUBBER GASKETED AND GROUTED BOTH INSIDE AND OUTSIDE OF THE MANHOLE PER CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ALL LIFT HOLES CUT THROUGH THE WALLS OF THE MANHOLE SHALL BE GROUTED FROM THE INSIDE AND OUTSIDE OF THE MANHOLE TO BE WATERTIGHT. ADDITIONAL WATERPROOFING MAY BE REQUIRED.
7. SIDE SEWER SERVICES SHALL BE PVC ASTM D 3034 SDR 35 WITH FLEXIBLE GASKETED JOINTS. SIDE SEWER CONNECTIONS SHALL BE MADE BY A TAP TO AN EXISTING MAIN OR A TEE FROM A NEW MAIN CONNECTED ABOVE THE SPRING LINE OF THE PIPE. WYES ARE NOT ALLOWED ON LINES 8" OR LARGER. SIDE SEWERS CAN NOT BE INSTALLED UNDER DRIVEWAYS UNLESS APPROVED BY THE CITY INSPECTOR.
8. ALL SEWER PIPE SHALL BE INSTALLED WITH A CONTINUOUS TRACER TAPE 24" – 48" UNDER THE PROPOSED FINISHED SUBGRADE, OR AS DIRECTED BY THE CITY INSPECTOR. THE MARKER SHALL BE PLASTIC, NON-BIODEGRADABLE, METAL CORE, AND DETECTABLE, WITH BACKING MARKED "SEWER".
9. SIDE SEWERS SHALL BE INSTALLED BY THE DEVELOPER AND COORDINATED FOR CLEARANCE WITH POWER, GAS, TELEPHONE, CABLE, AND OTHER UTILITIES. SIDE SEWERS SHALL BE A MINIMUM OF 10 FEET BEYOND PROPERTY LINES AND 5' BEYOND ANY EASEMENT.
10. THE SEWER PIPE SHALL BE INSTALLED STARTING FROM DOWNSTREAM OF THE POINT OF CONNECTION ON THE EXISTING SEWER OR FROM A DESIGNATED STARTING POINT. THE SEWER PIPE SHALL BE INSTALLED WITH THE BELL END UPSTREAM.
11. ADEQUATE TRENCH SHEETING AND/OR SHORING SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY OSHA AND WISHA.
12. TO PREVENT WATER OR DEBRIS FROM DISCHARGING INTO THE CITY'S EXISTING SEWER SYSTEM, THE CONTRACTOR SHALL INSTALL A PLUG IN THE CONNECTION MANHOLE OR AS DIRECTED BY THE CITY INSPECTOR. THE PLUG SHALL NOT BE REMOVED UNTIL THE SEWER IS ACCEPTED BY THE CITY.
13. ALL SEWER LINES SHALL MAINTAIN A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE AND A MINIMUM OF 18 INCHES VERTICAL CLEARANCE FROM WATER LINES. SEE STANDARDS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND ALTERNATIVES.
14. PIPE BEDDING SHALL BE IN ACCORDANCE WITH THE CITY OF ARLINGTON STANDARD AND WSDOT STANDARD SPECIFICATIONS. 3/8-INCH MINUS MANUFACTURED CLEAN PEA GRAVEL IS THE REQUIRED BEDDING MATERIAL. ALL PIPE SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION. THIS SHALL INCLUDE NECESSARY LEVELING OF THE TRENCH BOTTOM OR THE TOP OF THE FOUNDATION MATERIALS AS WELL AS PLACEMENT AND COMPACTION OF REQUIRED BEDDING MATERIAL TO UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF THE PIPE WILL BE SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
15. THE CONTRACTOR SHALL COMPACT TRENCH BACKFILL WITHIN THE CITY RIGHT-OF-WAY TO AT LEAST 90% MAXIMUM DRY DENSITY FROM THE BOTTOM OF THE TRENCH TO A DEPTH OF 3' BELOW THE SURFACE. THE TRENCH BACKFILL MUST BE COMPACTED TO AT LEAST 95% MAXIMUM DENSITY WITHIN 3' OF THE SURFACE. ASPHALT MUST BE COMPACTED TO MEET THE REQUIREMENTS ON THE PLANS. ALL COMPACTION TESTS ARE AT THE DEVELOPER'S EXPENSE.

CITY OF ARLINGTON GENERAL CONSTRUCTION NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS STANDARDS AND SPECIFICATIONS, AND THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
2. IT IS THE SOLE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO OBTAIN A GRADING PERMIT, RIGHT-OF-WAY PERMIT, AND UTILITY PERMITS, FROM THE CITY. ALL REQUIRED PERMITS FROM OTHER AGENCIES MUST ALSO BE OBTAINED BY THE DEVELOPER/CONTRACTOR.
3. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE DEVELOPER/CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE CITY. THE CONSTRACTOR SHALL SCHEDULE THE PRE-CONSTRUCTION CONFERENCE BY CALLING (360) 403-3500. PRIOR TO SCHEDULING, THE CONTRACTOR MUST SUBMIT AND RECEIVE APPROVAL FOR THE TRAFFIC CONTROL PLAN, CITY PERMITS, TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, PERFORMANCE BOND, COPY OF OTHER AGENCY PERMITS, A COPY OF THE CONTRACTOR'S LICENSE, AND PROOF OF INSURANCE COVERAGE.
4. A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE ON THE JOB SITE WHEN CONSTRUCTION IS IN PROGRESS.
5. ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
6. ALL OF THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS.
7. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATE SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
8. INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY REPRESENTATIVES OF THE CITY OF ARLINGTON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF ITEMS THAT DO NOT MEET CITY STANDARDS OR WERE CONSTRUCTED WITHOUT INSPECTION.
9. THE CONTRACTOR SHALL KEEP THE ON-SITE AND OFF-SITE STREETS CLEAN AT ALL TIMES BY CLEANING WITH A SWEEPING AND/OR VACUUM TRUCK. WASHING OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY INSPECTOR.
10. THE CONTRACTOR SHALL MAINTAIN TWO (2) SETS OF "AS-BUILT" PLANS SHOWING ALL FIELD CHANGES AND MODIFICATIONS. IMMEDIATELY AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL DELIVER BOTH COPIES OF RED-LINED PLANS TO THE CITY. THE CITY WILL FORWARD ONE OF THE COPIES TO THE DESIGN ENGINEER.

CITY OF ARLINGTON STORM DRAINAGE NOTES

1. ALL STORM DRAINAGE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND CITY STANDARDS AND SPECIFICATIONS. ANY DEVIATION FROM THESE PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
2. ALL PIPE MATERIALS SHALL MEET THE REQUIREMENTS OF THE CITY STANDARDS AND SPECIFICATIONS. ACCEPTABLE STORM DRAINAGE PIPE MATERIALS INCLUDE CONCRETE, PVC, HDPE, AND DUCTILE IRON. CORRUGATED METAL PIPES (GALVANIZED ALUMINUM OR STEEL) ARE NOT ACCEPTED BY THE CITY. ALL PIPE JOINTS MUST HAVE GASKETS AND SHALL BE WATER TIGHT UNLESS OTHERWISE DIRECTED BY THE CITY.
3. PIPE BEDDING MATERIAL SHALL BE 5/8-INCH MINUS CRUSHED GRAVEL FOR ALL PIPE TYPES, EXCEPT DUCTILE IRON. BEDDING MATERIAL FOR DUCTILE IRON PIPE SHALL MEET THE REQUIREMENTS OF THE CITY'S STANDARDS AND SPECIFICATIONS (CHAPTER 4).
4. ALL TRENCH BACKFILL IN AREAS OF PAVEMENT OR STRUCTURAL LOADING SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY. ALL OTHER AREAS SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
5. ALL PIPE SHALL BE PLACED ON STABLE EARTH. IF IN THE OPINION OF THE CITY INSPECTOR, THE EXISTING TRENCH FOUNDATION IS UNSATISFACTORY, THEN IT SHALL BE EXCAVATED BELOW GRADE AND BACKFILLED WITH GRAVEL BEDDING MATERIAL TO SUPPORT THE PIPE.
6. LOT DRAINAGE SYSTEMS, STUB-OUTS AND ANY DRAINS BEHIND THE SIDEWALK MUST BE INSTALLED AS REQUIRED PRIOR TO SIDEWALK CONSTRUCTION. STUB-OUTS SHALL BE MARKED WITH A 2"X4" WITH 3 FEET VISIBLE ABOVE GRADE AND MARKED "STORM". LOCATION AND DEPTH OF THESE INSTALLATIONS SHALL BE SHOWN ON THE AS-BUILT PLANS SUBMITTED TO THE CITY.
7. ALL CATCH BASINS SHALL BE TYPE 1 UNLESS OTHERWISE SHOWN ON THE PLANS AND APPROVED BY THE CITY. THE USE AND INSTALLATION OF INLETS IS DISCOURAGED.
8. ALL CATCH BASINS WITH A DEPTH OF 5 FEET (RIM TO INVERT) OR GREATER SHALL BE TYPE 2 CATCH BASINS EQUIPPED WITH 3/4-INCH DIAMETER SAFETY MANHOLE STEPS OR A MANHOLE LADDER PER CITY STANDARD DETAILS.
9. ALL GRATES SHALL BE MARKED "OUTFALL TO STREAM – DUMP NO POLLUTANTS". ALL SOLID COVER SHALL BE MARKED "DRAIN". ALL CATCH BASINS AND MANHOLES SHALL BE EQUIPPED WITH LOCKING FRAMES AND LIDS OR GRATES PER CITY STANDARD DETAILS.
10. ALL GRATES LOCATED IN THE GUTTER FLOW LINE (INLET AND CATCH BASIN) SHALL BE DEPRESSED 0.1 FOOT BELOW PAVEMENT LEVEL.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL MANHOLE, INLET AND CATCH BASIN FRAMES AND GRATES/COVERS TO GRADE JUST PRIOR TO CURB INSTALLATION AND/PAVING.
12. ALL RETENTION/DETENTION FACILITIES SHALL BE INSTALLED AND IN OPERATION PRIOR TO, OR IN CONJUNCTION WITH, ALL CONSTRUCTION ACTIVITY, UNLESS OTHERWISE APPROVED BY THE CITY.
13. DETENTION/RETENTION PONDS WITH SIDE SLOPES STEEPER THAN 3:1 OR WITH A MAXIMUM WATER DEPTH GREATER THAN 3 FEET SHALL BE ENCLOSED WITH A VINYL COATED CHAIN LINK FENCE.
14. BIO-FILTRATION SWALES AND/OR FILTER STRIPS SHALL BE CONSTRUCTED, BEDDED OR SEEDED AND IN OPERATION PRIOR TO, OR SODDED IN CONJUNCTION WITH, ASPHALT PAVING. THE VEGETATION IN THE BIO-SWALE MUST BE WELL ESTABLISHED BEFORE PAVING BEGINS.
15. STORM WATER RETENTION/DETENTION FACILITIES, STORM DRAINAGE PIPE AND CATCH BASINS SHALL BE FLUSHED AND CLEANED BY THE DEVELOPER PRIOR TO THE CITY'S ACCEPTANCE OF THE PROJECT.
16. WHEN INFILTRATION FACILITIES ARE CONSTRUCTED, COMPACTION OF SOIL IS NOT ALLOWED, AS THE DESIGN IS BASED ON NATURAL SOIL IN THE ORIGINAL LOCATION. VEHICLES SHALL NOT BE DRIVEN OVER THE INFILTRATION AREA DURING CONSTRUCTION.
17. IF THE CONTRACTOR ENCOUNTERS GROUNDWATER OR SOIL CONDITIONS DIFFERENT FROM THAT SHOWN IN THE PLANS DURING INFILTRATION SYSTEM INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR.

CITY OF ARLINGTON WATER SYSTEM CONSTRUCTION NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND CURRENT EDITION OF THE CITY OF ARLINGTON STANDARDS AND SPECIFICATIONS. ANY CHANGES TO THE DESIGN REQUIRE CITY APPROVAL.
2. ALL MATERIALS SHALL CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS AND SHALL BE APPROVED BY THE CITY PRIOR TO DELIVERY TO THE JOB SITE. MATERIAL SUBMITTALS ARE REQUIRED AND MUST BE APPROVED PRIOR TO SCHEDULING A PRE-CONSTRUCTION CONFRERNCE.
3. WATER MAINS SHALL BE CEMENT-LINED DUCTILE IRON PIPE CLASS 52 UNLESS OTHERWISE APPROVED BY THE CITY.
4. ALL SERVICE LOCATIONS SHALL BE FIELD APPROVED BY THE CITY PRIOR TO INSTALLATION.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UNDERGROUND UTILITIES BY CALLING ONE-CALL UNDERGROUND UTILITY LOCATOR (1-800-424-5555) 48 HOURS PRIOR TO CONSTRUCTION.
6. ADEQUATE TRENCH SHEETING AND/OR SHORING SHALL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY OSHA AND WISHA.
7. THE PIPE SHALL BE INSTALLED BY FOLLOWING THE FINISHED GRADE PROFILE WHEREVER POSSIBLE. THE DEPTH OF COVER SHALL BE TYPICALLY 36 INCHES (3 FEET), AND MAY BE UP TO 60 INCHES (5 FEET) WITH THE APPROVAL OF THE CITY ENGINEER. WATER MAINS UNDER THE STATE (OR COUNTY) HIGHWAYS SHALL MEET THE MINIMUM COVER DEPTHS REQUIRED BY WSDOT (OR SNOHOMISH COUNTY).
8. PIPE JOINT DEFLECTIONS SHALL NOT EXCEED ONE-HALF OF PIPE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTIONS. BENDS MAY BE REQUIRED TO MAINTAIN PROPER WATER MAIN ALIGNMENT WITHIN EASEMENTS OR PUBLIC RIGHT-OF-WAY.
9. WATER MAIN SHALL NOT BE PLACED UNDER SIDEWALK, CURBS, GUTTERS, OR ANY PERMANENT STRUCTURES WITHOUT THE PRIOR APPROVAL OF THE CITY ENGINEER.
10. NO CONNECTION TO THE CITY WATER SYSTEM IS ALLOWED UNTIL THE NEW CONSTRUCTION PASSES PRESSURE AND PURITY TESTS, AND HAS BEEN APPROVED AND ACCEPTED BY THE CITY.
11. PRIOR TO MAKING CONNECTIONS TO THE EXISTING SYSTEM, CONTRACTOR SHALL FIELD VERIFY THE LOCATION, DEPTH AND MATERIAL OF EXISTING WATER MAINS AT THE POINT OF CONNECTION.
12. ALL WATER LINES SHALL BE A MINIMUM OF 10 FEET HORIZONTAL CLEARANCE FROM SANITARY SEWERS. WHEN WATER LINES CROSS SEWER LINES, THE MINIMUM VERTICAL CLEARANCE SHALL BE 18 INCHES.
13. TO FILL THE MAIN FOR FLUSHING, PRESSURE AND PURITY TESTS, THE CONTRACTOR IS REQUIRED TO USE AN APPROVED METER AND DCVA. THE HYDRANT SHALL REMAIN IN THE FULL OPEN POSITION TO PREVENT BACK-SIPHONAGE THROUGH THE DRAIN HOLE. AFTER SUCCESSFUL TESTING, THE CONTRACTOR WILL TIE INTO THE EXISTING SYSTEM, USING DISINFECTED SLEEVES AND SPOOL PIECES.
14. THE CONTRACTOR SHALL CONTACT THE CITY FOR VALVE OPERATION. ONLY AUTHORIZED REPRESENTATIVES OF THE CITY CAN OPERATE VALVES IN THE CITY WATER SYSTEM.
15. THE CONTRACTOR IS HEREBY NOTIFIED THAT, SINCE FILLING AND FLUSHING WILL BE DONE THROUGH A CROSS-CONNECTION CONTROL DEVICE, LOW VELOCITY FLOWS MAY BE ENCOUNTERED. THEREFORE, EVERY ATTEMPT SHALL BE MADE TO KEEP THE PIPE CLEAN DURING INSTALLATION. THIS MAY INCLUDE SWABBING THE PIPE WITH CHLORINATED WATER.
16. THE CONTRACTOR SHALL PERFORM TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL, DUST CONTROL, NOISE CONTROL, AND TRAFFIC CONTROL AS REQUIRED BY THE CITY OR OTHER APPLICABLE AGENCIES.
17. CUTTING AND PATCHING OF ROAD WAYS SHALL CONFORM TO THE REQUIREMENTS OF THE RIGHT-OF-WAY PERMIT OF THE CITY OR OTHER APPLICABLE AGENCY.
18. ALL IN-LINE PIPE JOINTS SHALL BE RESTRAINED WITH FIELD LOCK GASKETS.
19. ALL FITTINGS SHALL BE RESTRAINED JOINTS AND HAVE THRUST BLOCKING.

WEISMANDESIGNGROUP

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JERALD A. JACOBSON
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43667
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NOT FOR CONSTRUCTION
08/25/23

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DYKEMAN ARCHITECTS
(425) 259-3161
CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE 08/25/23

DRAWN/CHECKED DJD JAJ

REVISIONS:

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NOTES SHEET

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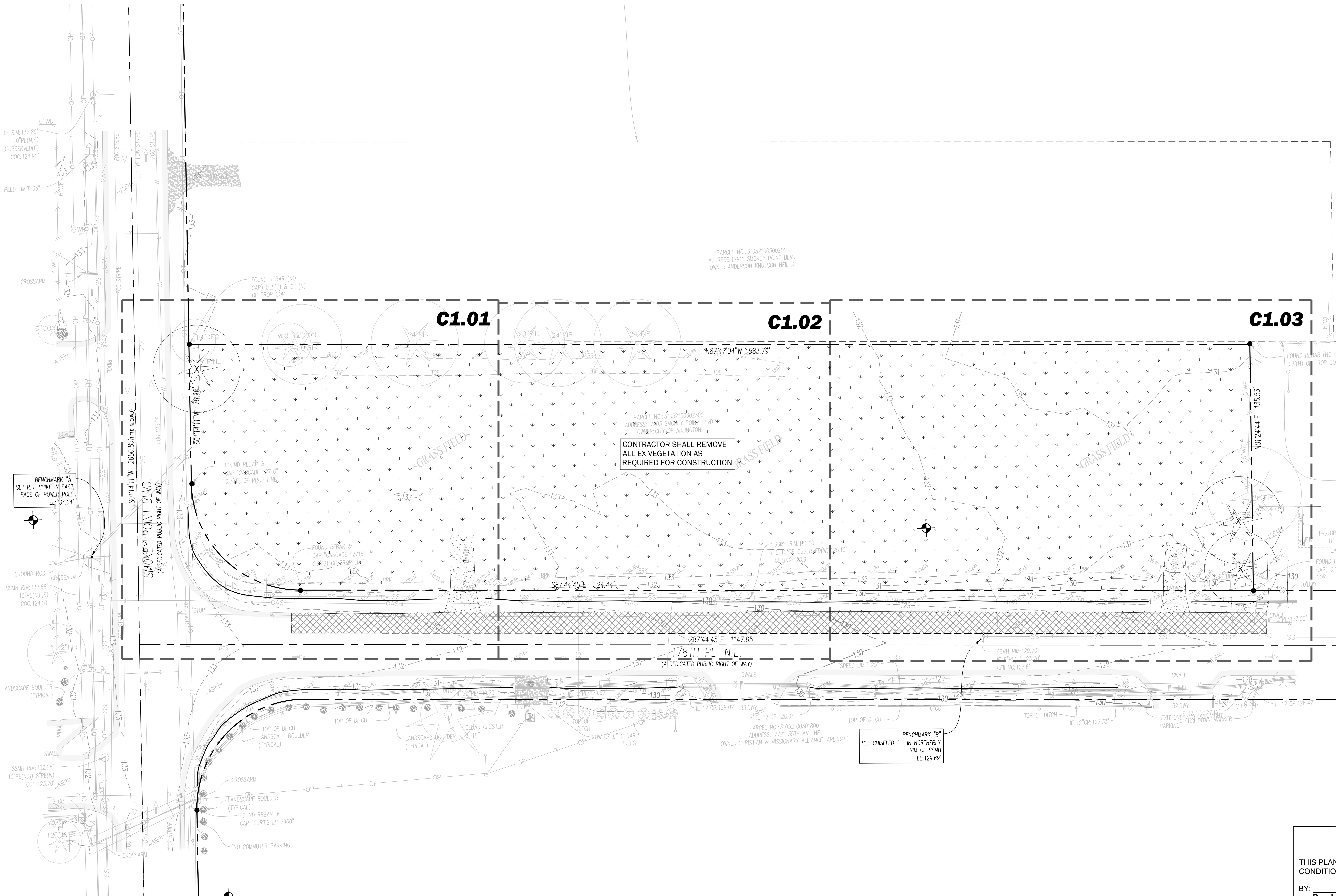

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ______________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

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OVERALL DEMOLITION PLAN

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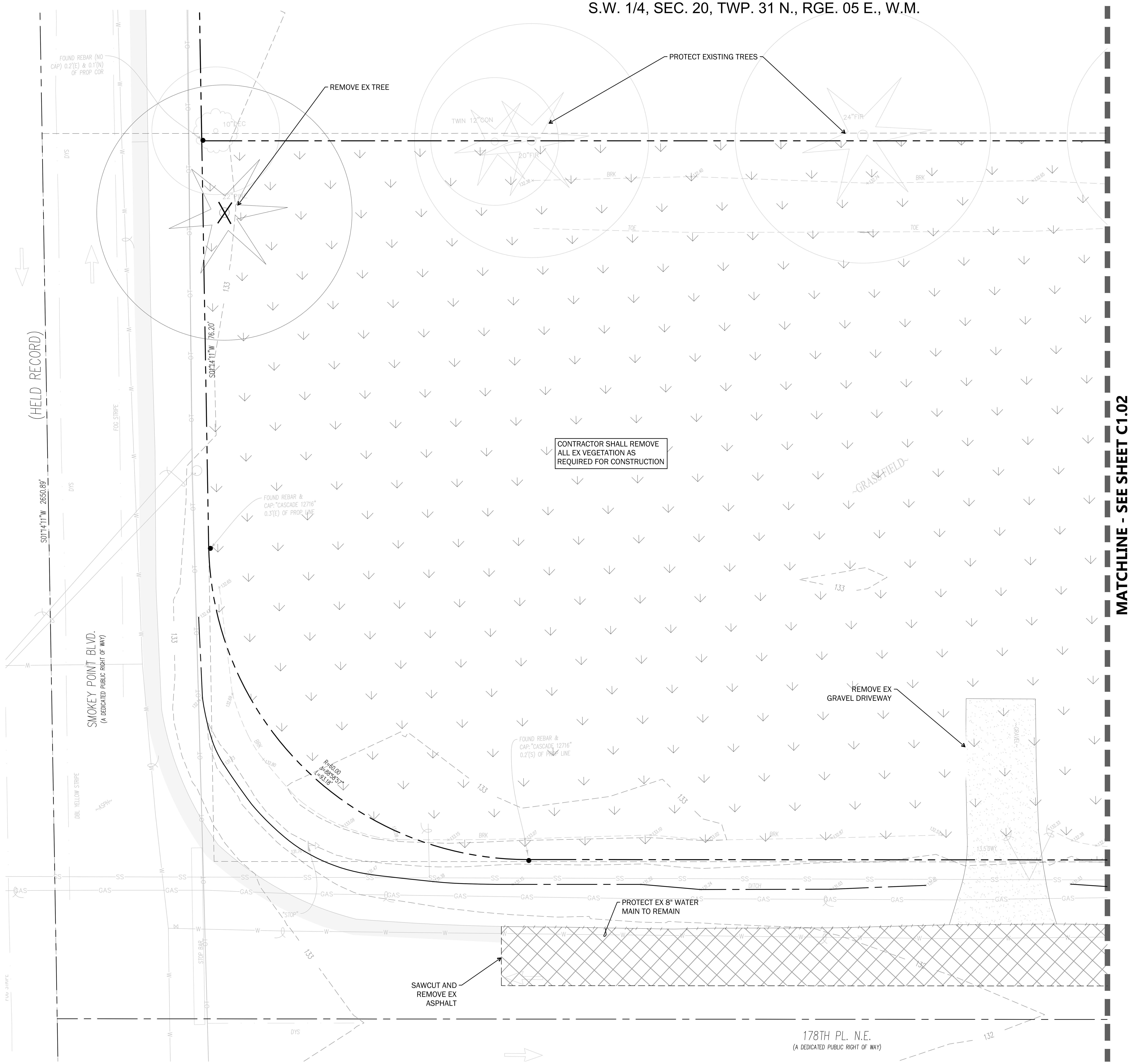

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UNDERGROUND SERVICE (USA)

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SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
SAWCUT LINE	
REMOVE CURBING	
REMOVE ASPHALT PAVEMENT	
REMOVE CONCRETE PAVEMENT	
REMOVE TREE(S)	

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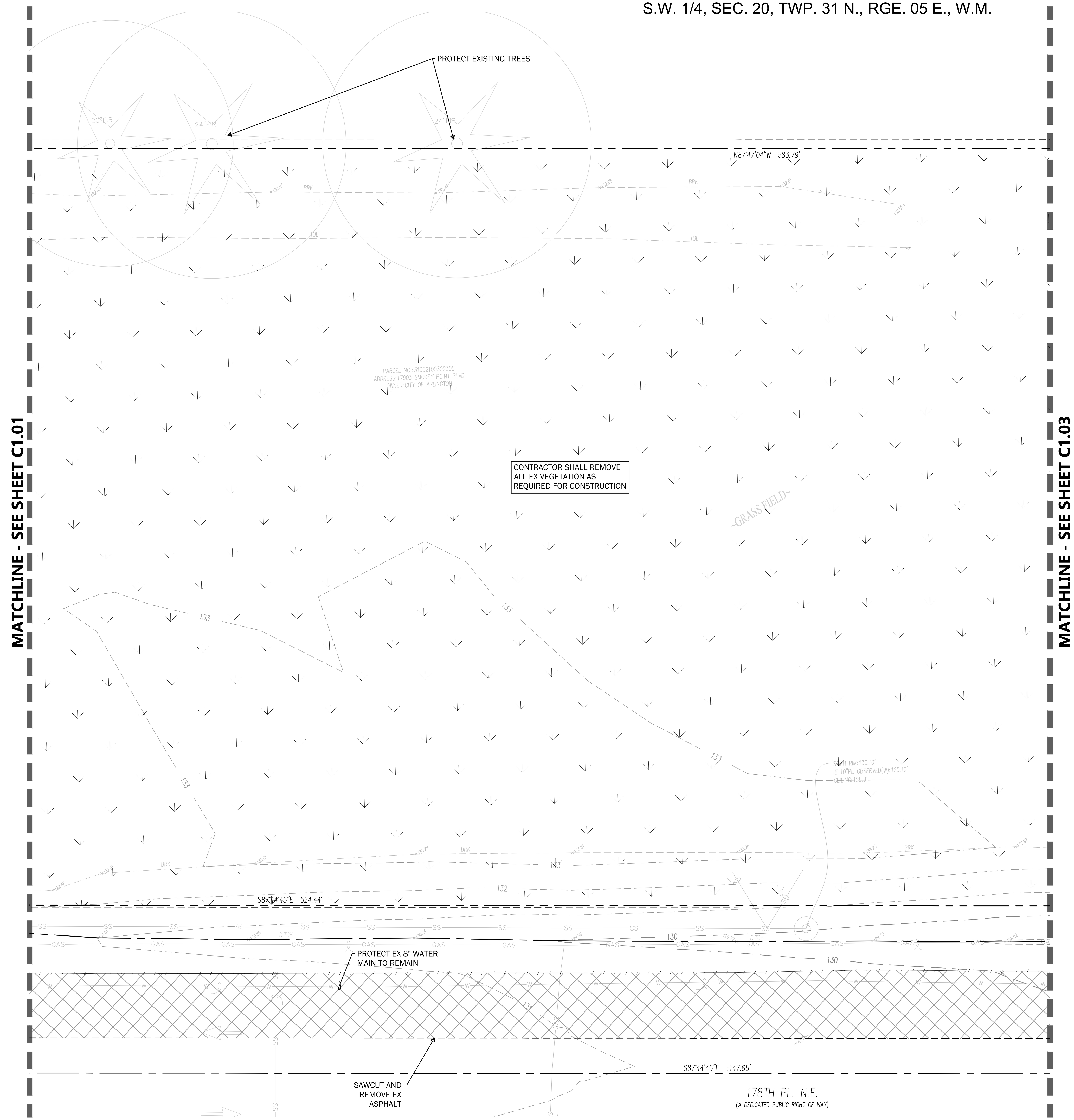

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DEMOLITION PLAN

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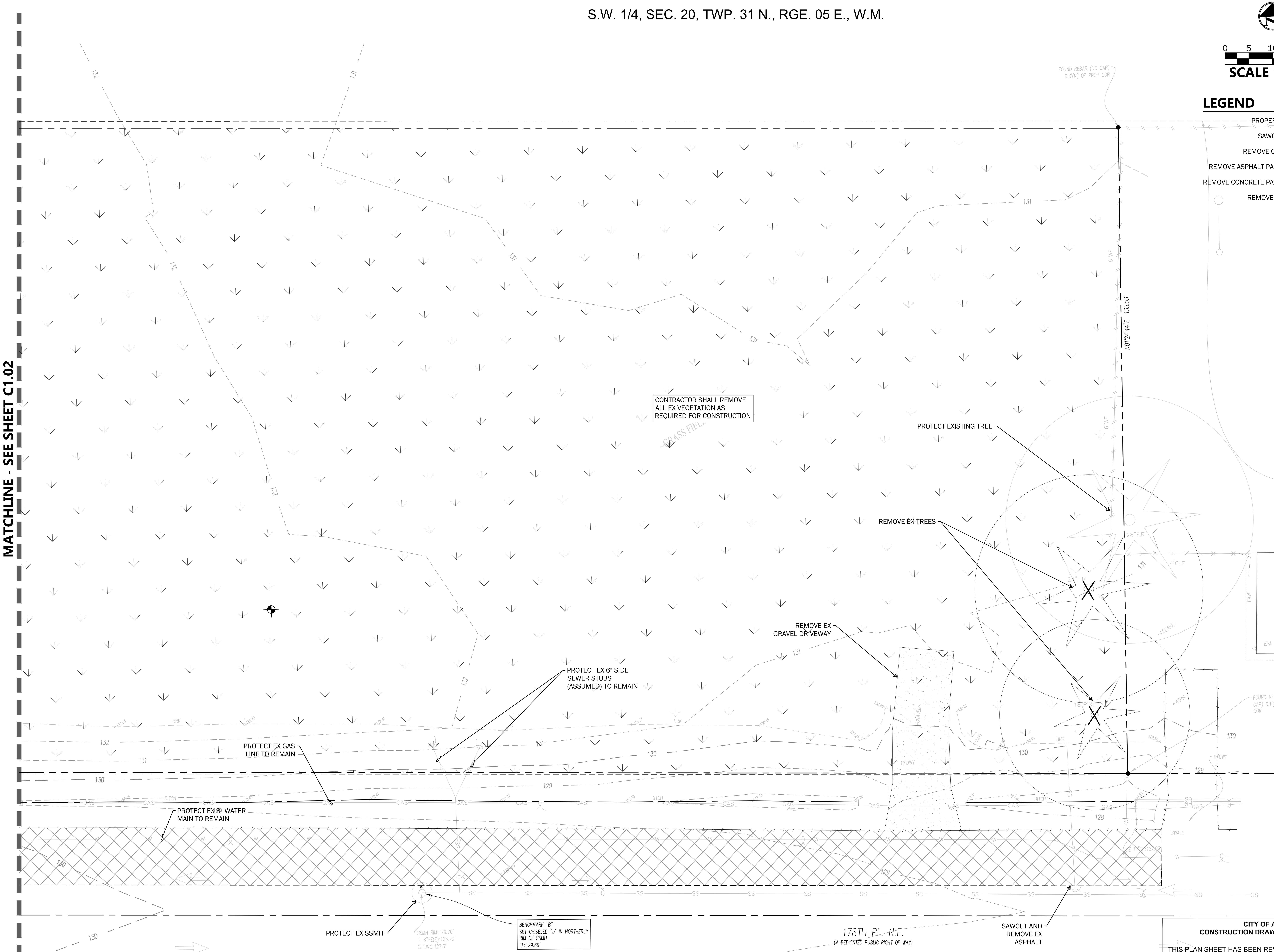

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LEGEND

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DEMOLITION PLAN

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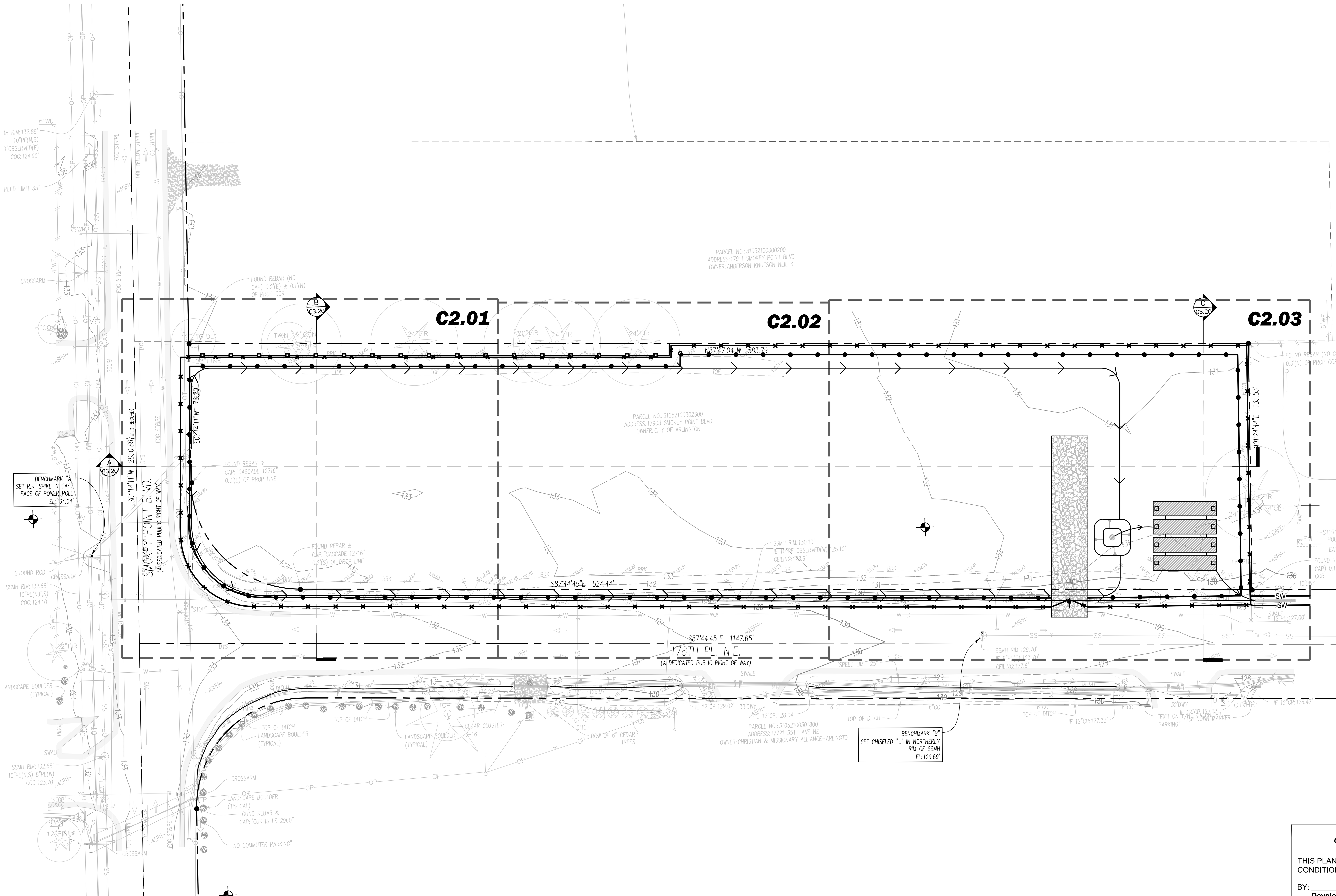

WEISMAN**DESIGN**GROUP

JERALD A. JACOBSON STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

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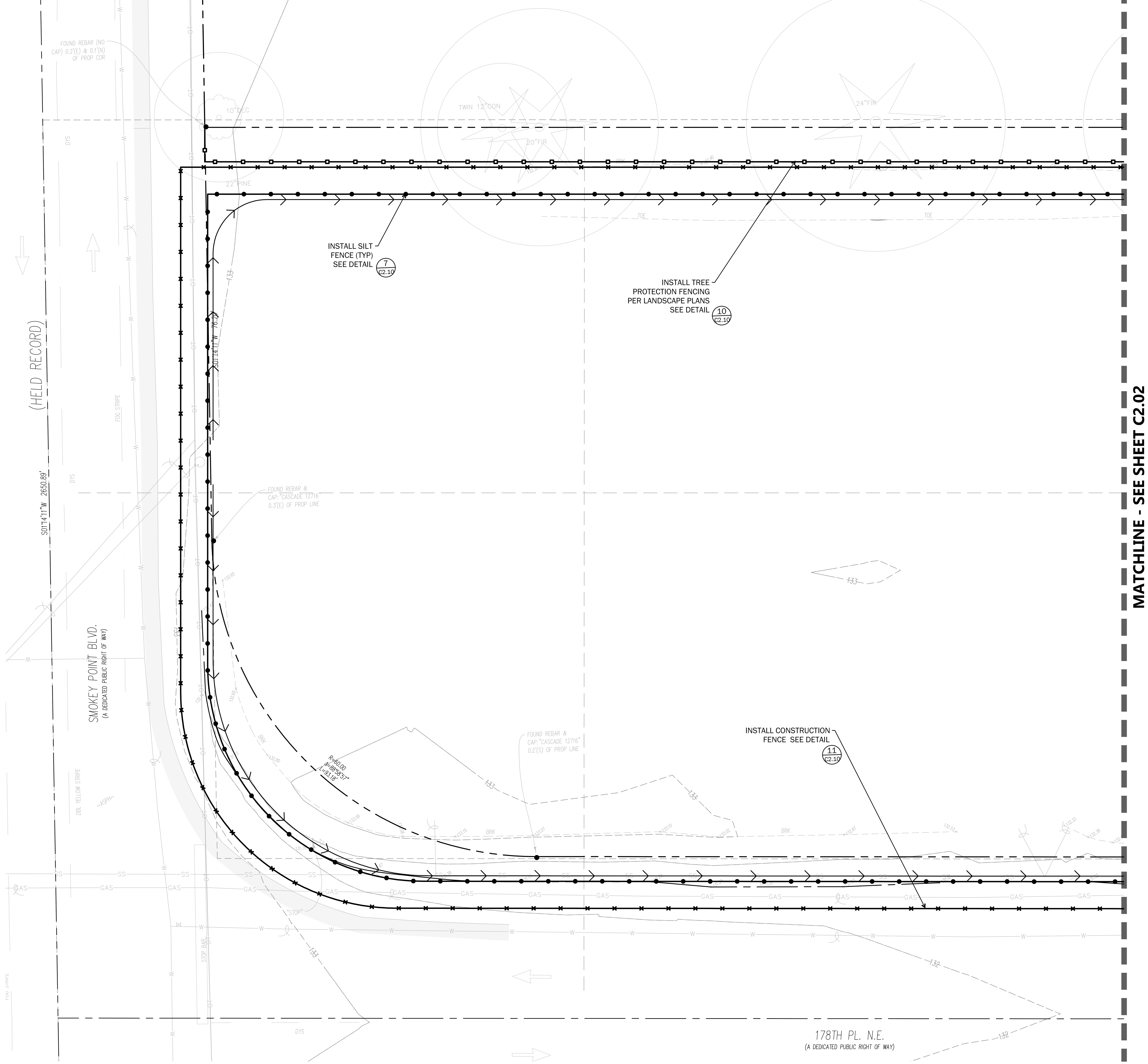
OVERALL
T.E.S.C. PLAN

C2.00

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
IS INTERCEPTOR SWALE	
FF FILTER FABRIC FENCING	
CF TEMP CONSTRUCTION FENCING	
CG TEMP CONSTRUCTION GATE	
CE TEMP CONSTRUCTION ENTRANCE	
INLET PROTECTION	IP
VEG TREE PROTECTION	

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

PROJECT MANAGEMENT:
ROCK PROJECT MANAGEMENT
(425) 572-6878
LANDSCAPE ARCHITECTURE:
WEISMAN DESIGN GROUP
(206) 322-1732
ARCHITECTURE:
DYKEMAN ARCHITECTS
(425) 259-3161
CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________
Development Services Manager

DATE: ____________ THIS APPROVAL VALID FOR 18 MONTHS

T.E.S.C. PLAN

C2.01

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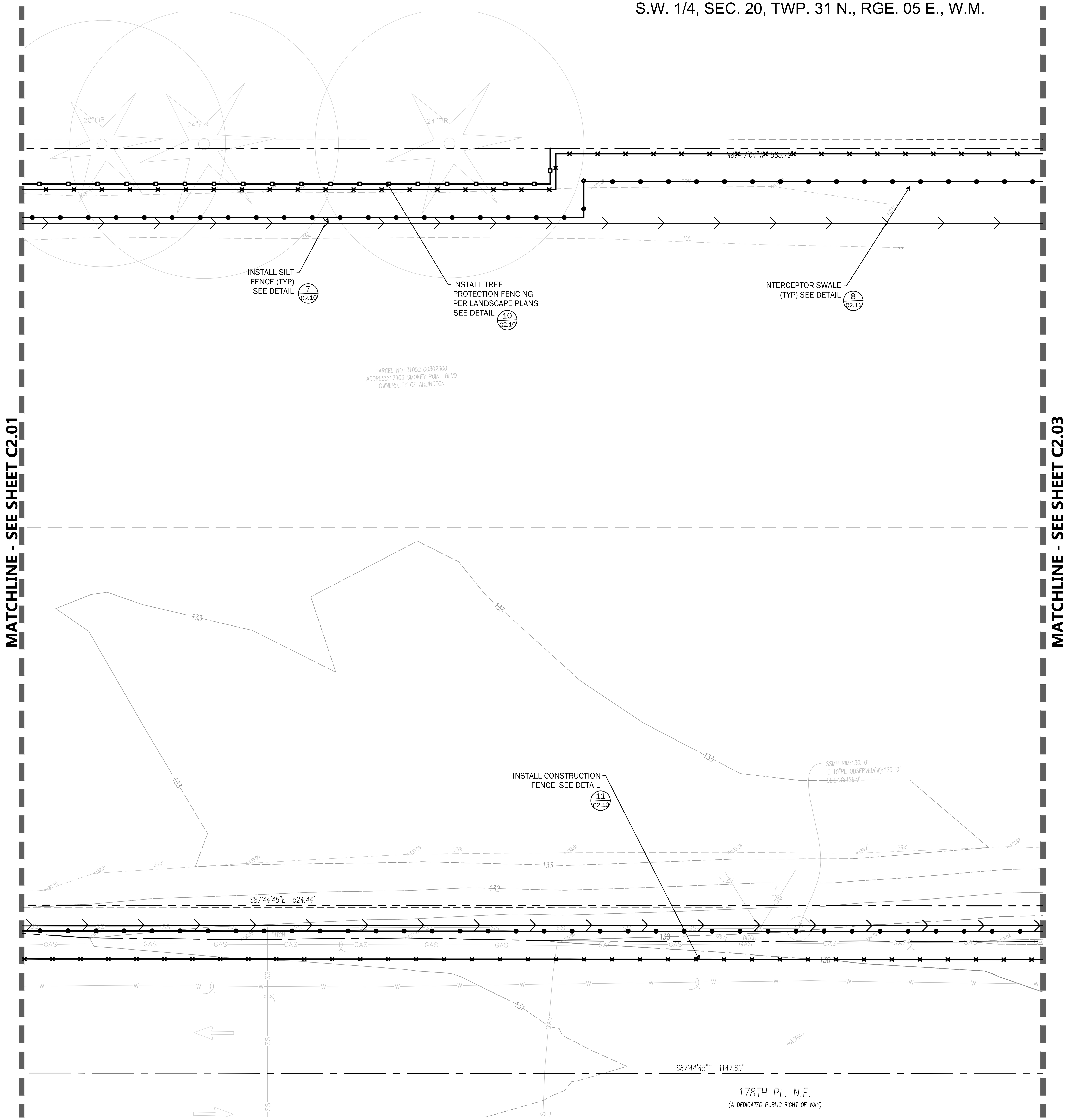

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811

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SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
(IS) INTERCEPTOR SWALE	
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INLET PROTECTION	(IP)
(VEG) TREE PROTECTION	

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T.E.S.C. PLAN

C2.02

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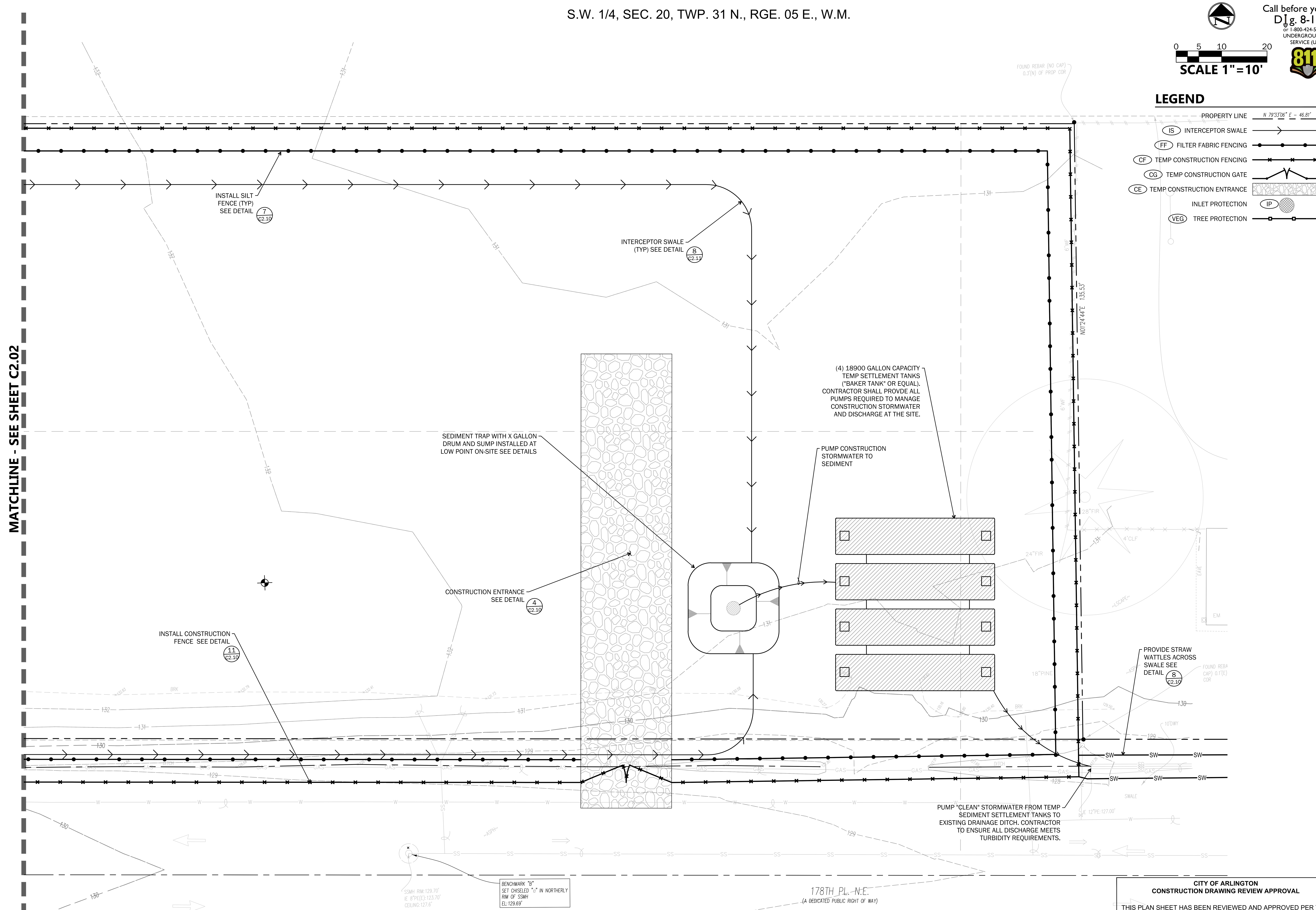

WEISMAN**DESIGN**GROUP
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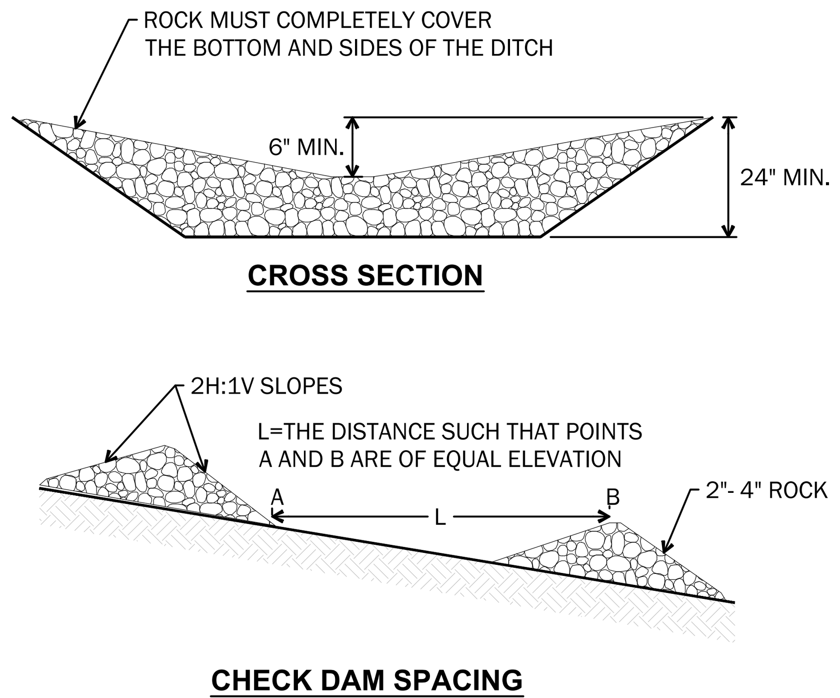
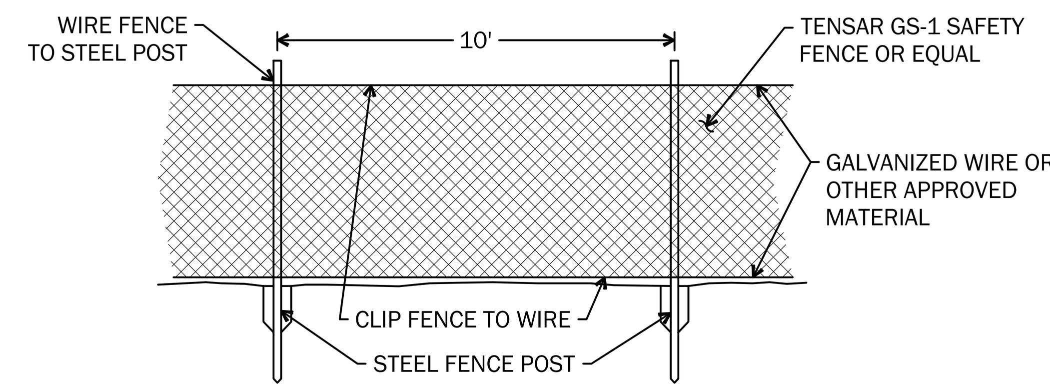
T.E.S.C. PLAN

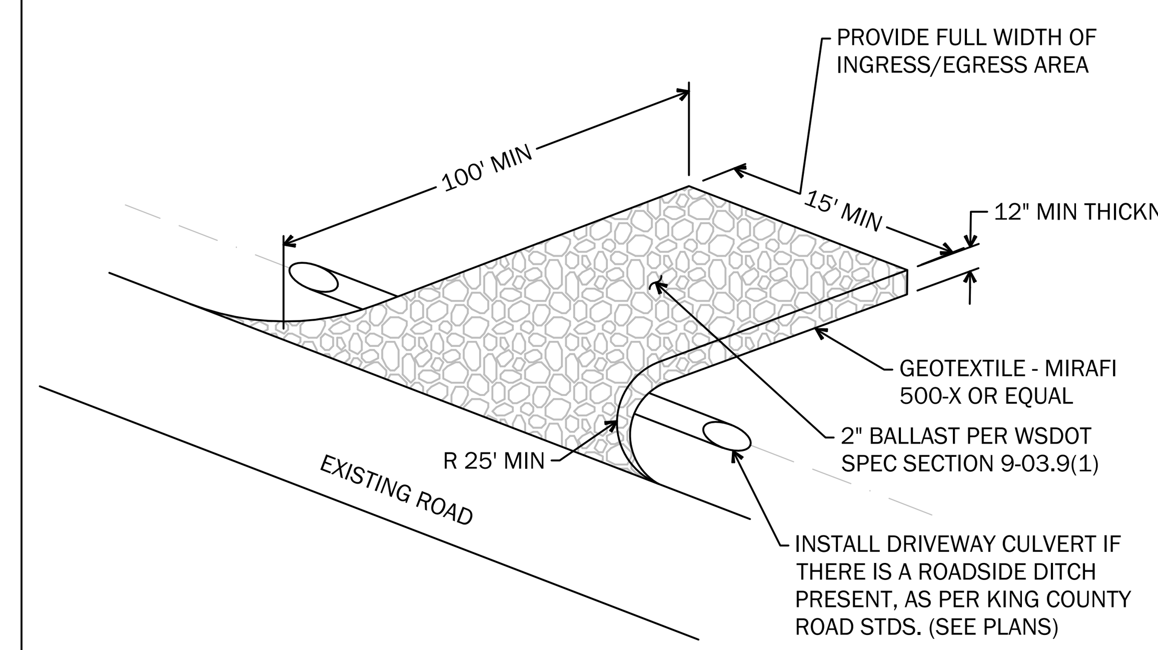
C2.03



NTS
Check Dam 1



NTS
Clearing Limits Fence 2



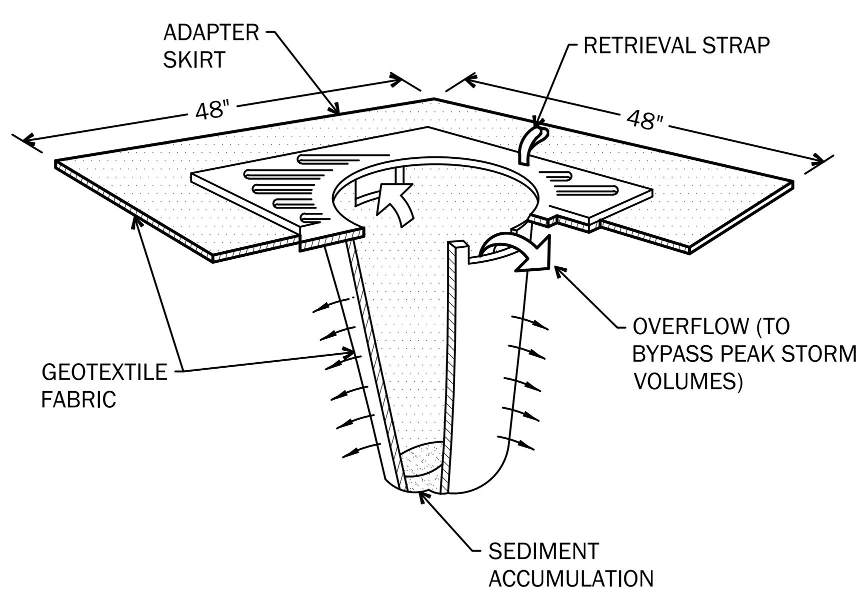
NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL BALLAST ROCK, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
2. CONSTRUCTION ENTRANCE SHALL BE USED FOR TIRE CLEANING/WASHDOWN ONLY. GENERAL CLEANING/WASHDOWN (CONCRETE BOOMS, ETC.) SHALL OCCUR AT APPROPRIATE OFF-SITE LOCATIONS.
3. HAZARDOUS CONDITIONS MAY EXIST NEAR THE CONSTRUCTION ENTRANCE LOCATION (OVERHEAD POWER, ETC.). THEREFORE, IT SHALL BE THE FULL RESPONSIBILITY OF THE CONSTRUCTION ENTRANCE USERS TO EMPLOY SAFETY PRECAUTIONS AS DEEMED NECESSARY.

MAINTENANCE STANDARDS:

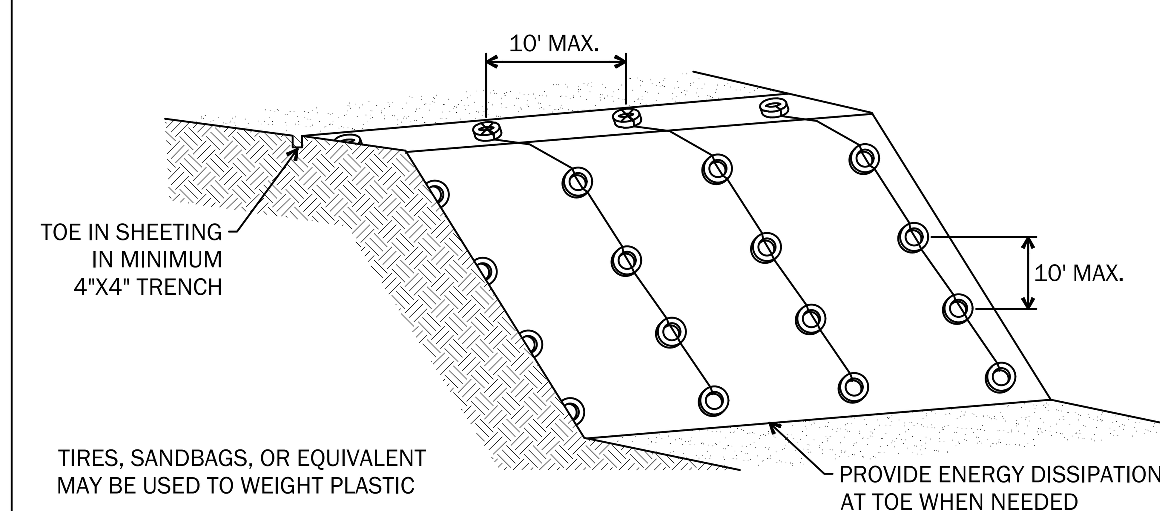
1. ADDITIONAL BALLAST ROCK (OR HOG FUEL) SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
2. IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK, AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND.
3. ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREETS, A SMALL SUMP SHALL BE CONSTRUCTED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED. WASH WATER MUST BE PUMPED BACK ONTO THE SITE AND CAN NOT DISCHARGE TO SYSTEMS TRIBUTARY TO SURFACE WATERS.
4. ANY BALLAST ROCK THAT ARE LOOSENED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
5. IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAN THE CONSTRUCTION ENTRANCE(S), FENCING SHALL BE INSTALLED TO CONTROL TRAFFIC.

NTS
Construction Entrance 4



INLET PROTECTION NOTE:
FILTERS SHALL BE INSPECTED AFTER EACH STORM EVENT AND CLEANED OR REPLACES WHEN 1/3 FULL.

NTS
Inlet Protection 5

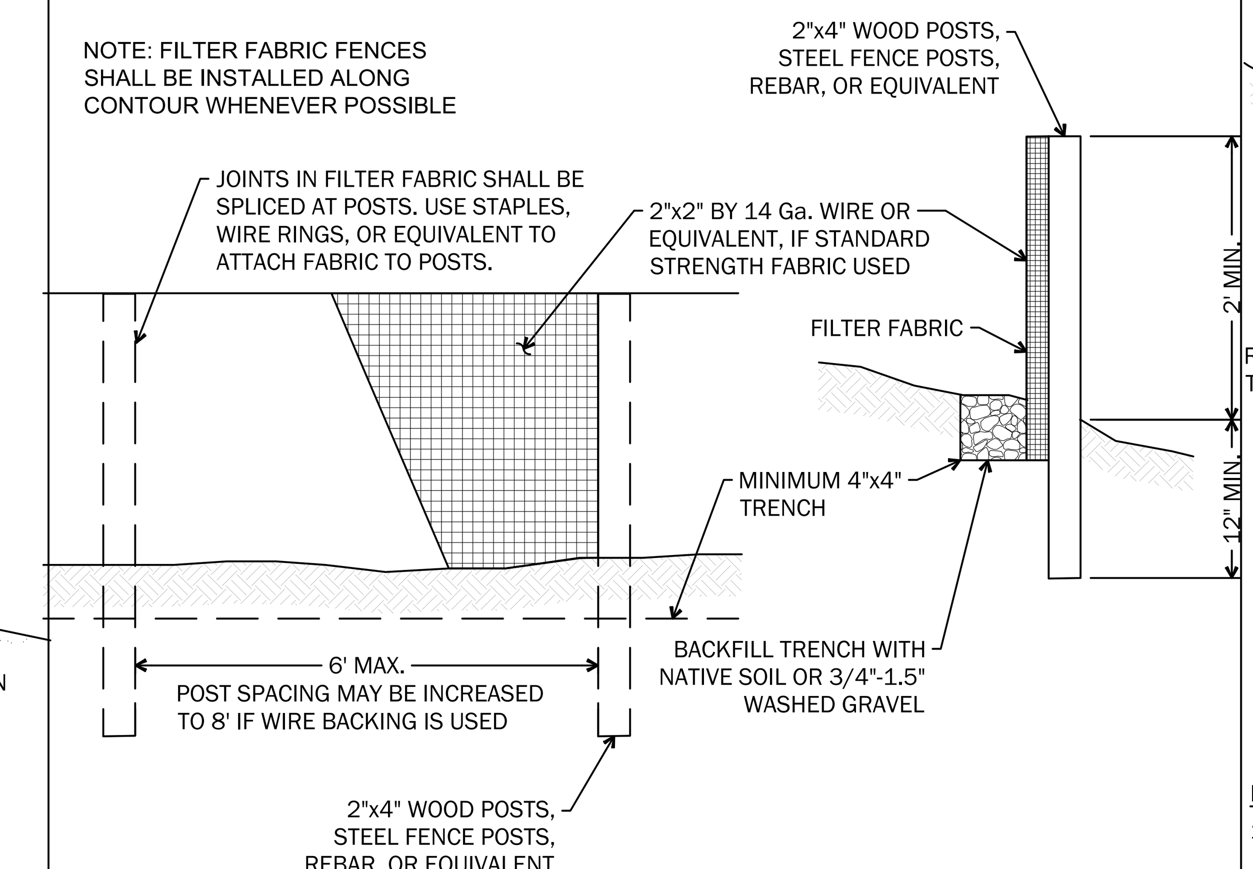


TIRES, SANDBAGS, OR EQUIVALENT MAY BE USED TO WEIGHT PLASTIC

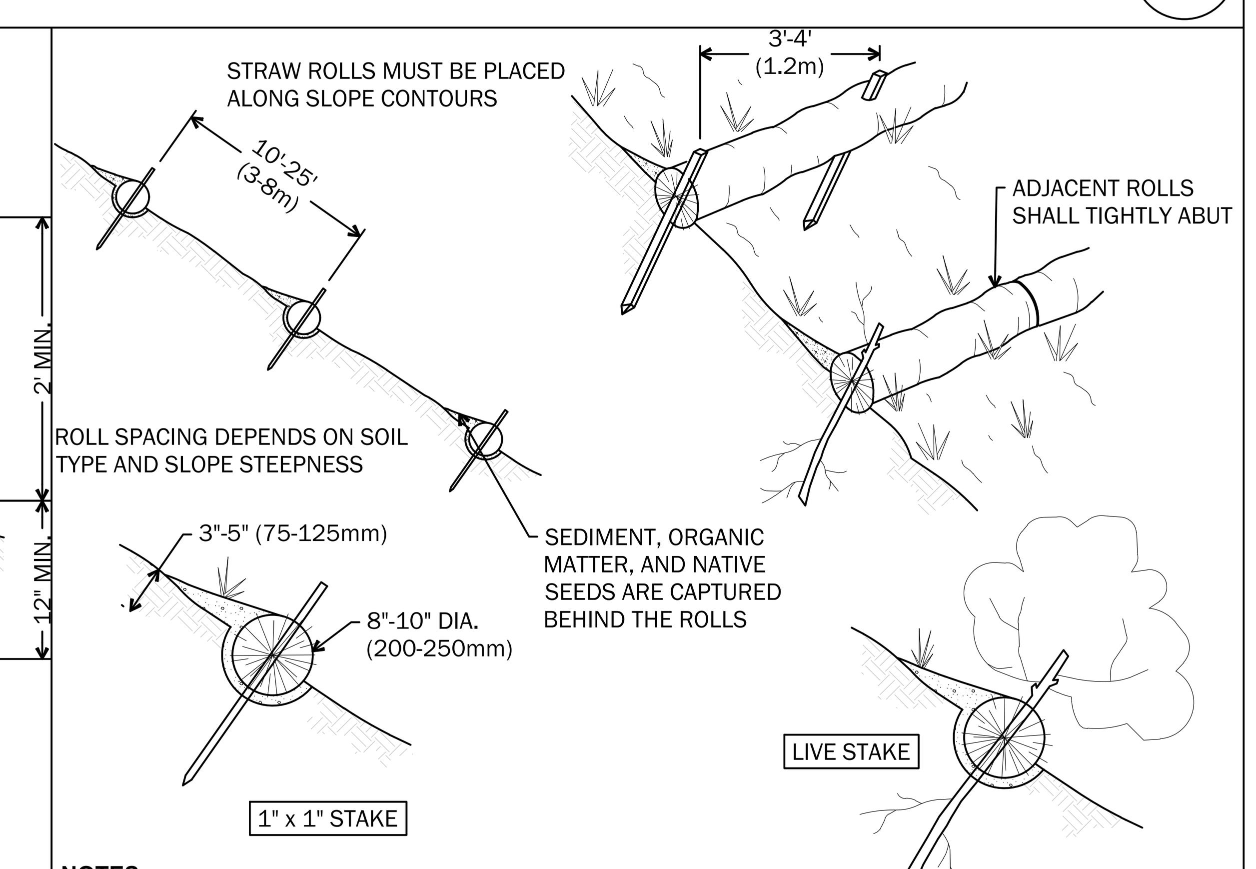
SEAMS BETWEEN SHEETS MUST OVERLAP A MINIMUM OF 12" AND BE WEIGHTED OR TAPED

NTS
Plastic Sheeting 6

NOTE: FILTER FABRIC FENCES SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE



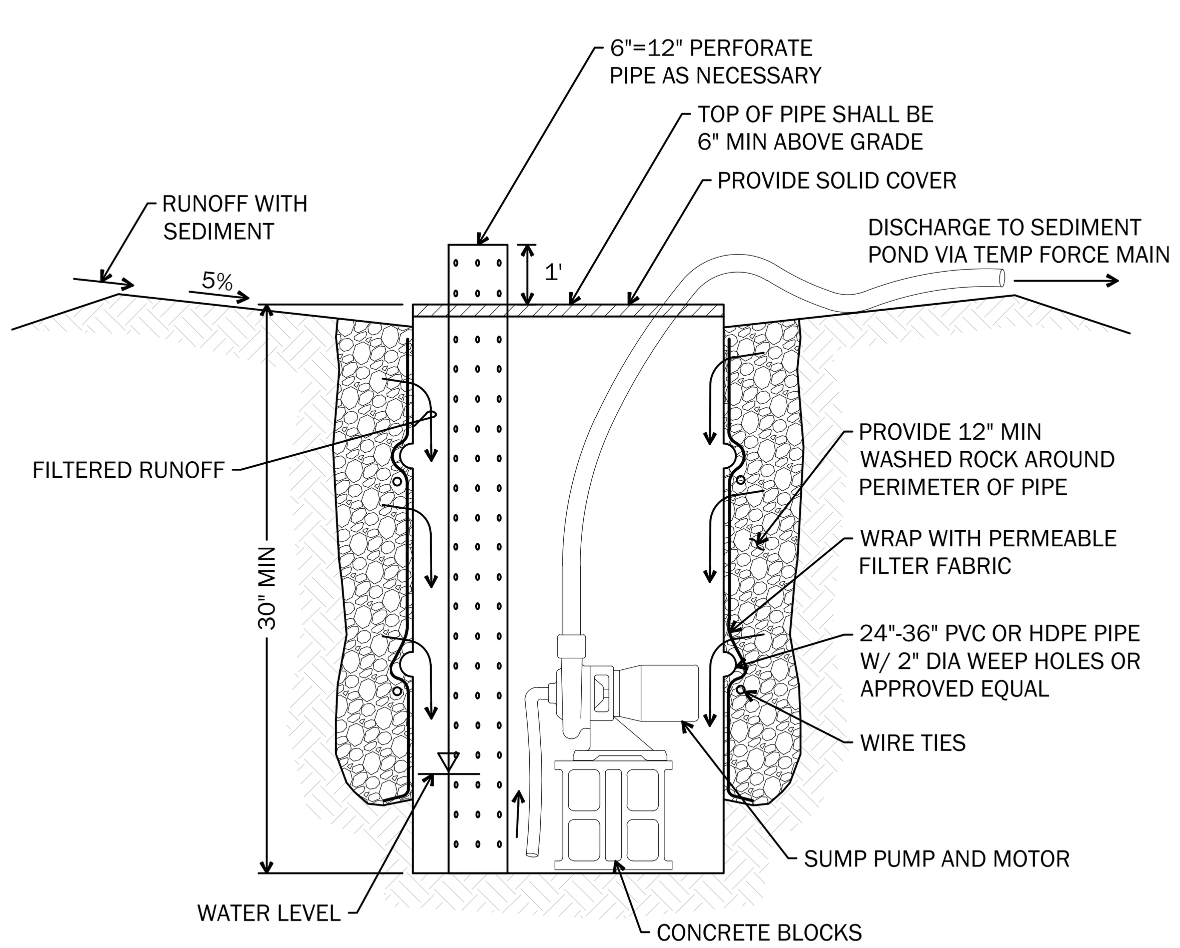
NTS
Silt Fence 7



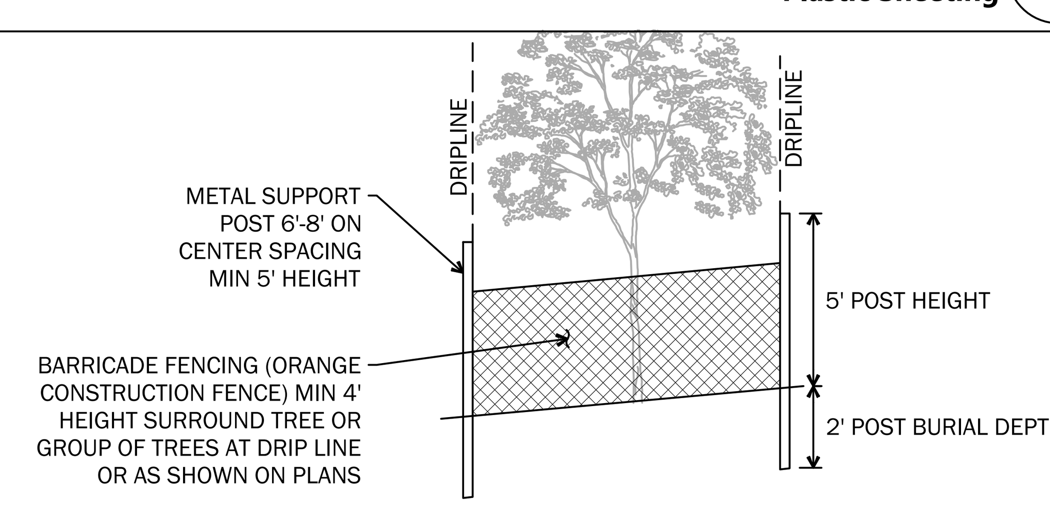
NOTES:

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" x 5" (75-125mm) DEEP, DUG ON CONTOUR.
2. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
3. FOR ASPHALT OR CONCRETE APPLICATIONS, STRAW WATTLE SHALL BE LAID ON TOP OF PAVEMENT AND HELD IN PLACE AS NEEDED WITH SAND BAGS AND ADJUSTED AS NECESSARY AS PHASING OR FIELD CONDITIONS CHANGE.

NTS
Straw Wattle 8



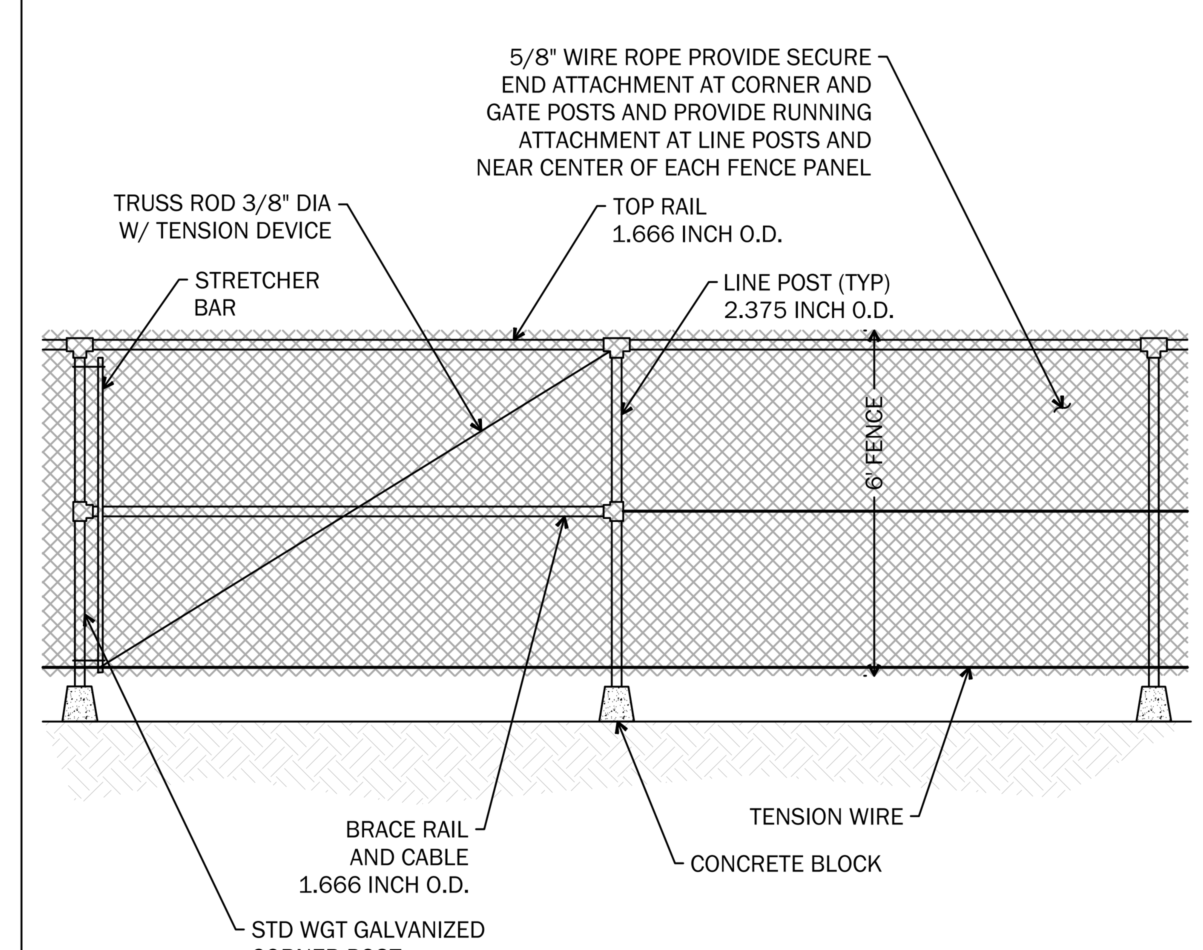
NTS
Temporary Sump and Pump 9



NOTES:

1. A MINIMUM 4 FOOT HIGH TEMPORARY FENCE MUST BE PLACED AT THE DRIP LINE OF TREES PRIOR TO THE COMMENCEMENT OF CLEARING OR EARTHWORK. NOTIFY THE CLEARING AND GRADING INSPECTOR TO GET BOTH THE INSPECTION AND WRITTEN APPROVAL OF FLAGGED TREES AND TEMPORARY PROTECTION FENCING AROUND TREES TO BE SAVED PER THE APPROVED CLEARING AND GRADING PLAN.
2. NO STOCKPILING OF MATERIAL AND NO VEHICULAR TRAFFIC ARE ALLOWED WITHIN THE LIMITS OF THE TEMPORARY FENCING. FILLING, EXCAVATION, AND CLEARING MUST BE ACCOMPLISHED BY HAND METHODS ONLY.
3. ROOTS OF TREES TO BE SAVED WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE TREATED IN THE FOLLOWING WAY: FOR DAMAGED ROOTS OVER 1" IN DIAMETER, MAKE A CLEAN, STRAIGHT CUT TO REMOVE THE DAMAGED PORTION OF THE ROOT. ALL EXPOSED ROOTS WILL BE TEMPORARILY COVERED WITH DAMP BURLAP OR WOOD SHAVINGS TO PREVENT DRYING AND COVERED WITH EARTH AS SOON AS POSSIBLE.
4. SEE TREE PROTECTION AND TESC PLANS FOR LOCATION OF EXISTING TREES TO RECEIVE TEMPORARY FENCING.
5. SEE SPECIFICATIONS FOR PRUNING, WATERING, AND OTHER MAINTENANCE REQUIREMENTS

NTS
Tree Protection 10



NTS
Construction Fence 11

CITY OF ARLINGTON
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SMOKEY POINT COMMUNITY PARK

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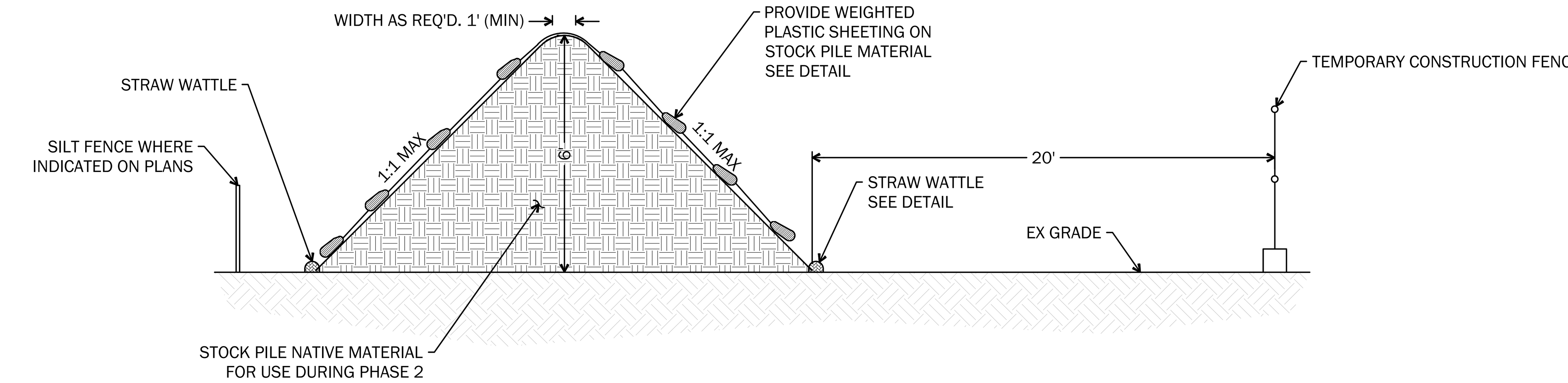
T.E.S.C. DETAILS

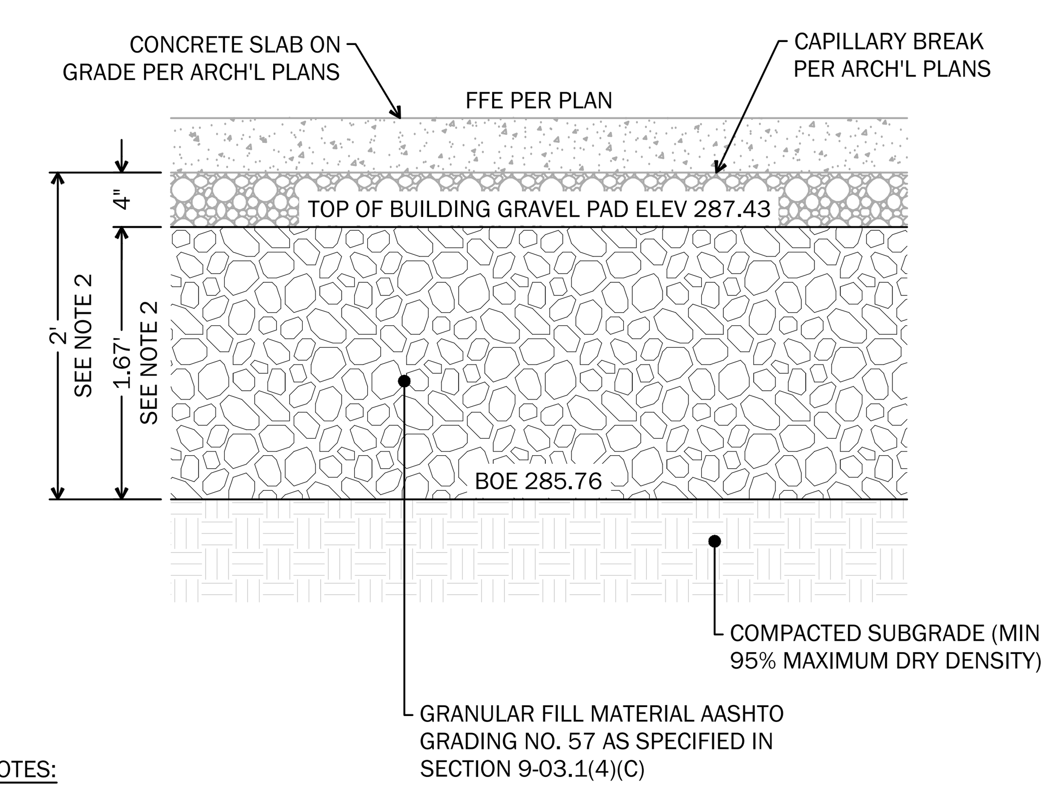
C2.10



NOTES:

STOCK PILE MATERIAL SHALL NOT BE COMPACTED.

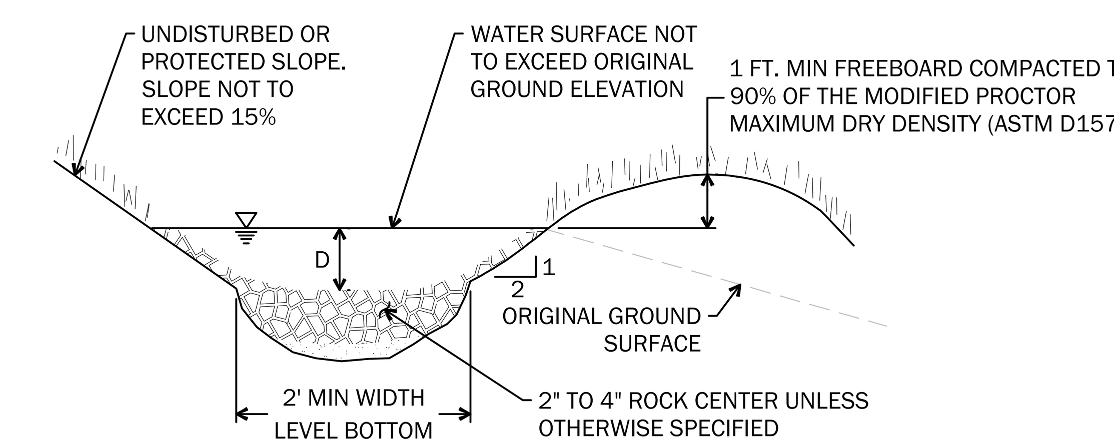
NTS
Stockpile 4



NOTES:

1. ALL SURFACES COMPACTED TO 95%
2. PLACE ADDITIONAL FILL MATERIAL AS REQUIRED FOR STAGE, WHICH IS APPROXIMATELY 2-FT HIGHER THAN SURROUNDING TYP BLDG FFE. SEE ARCH'L PLANS

NTS
Gravel Building Pad 7



NOTES:

1. PROVIDE ROCK CHECK DAMS EVERY 50 FT. OR EVERY 5' OF VERTICAL FALL.
2. DIMESTIONS: 1 FT MINIMUM DEPTH(D) BY 2 FT MINIMUM BOTTOM WIDTH
3. SWALE GRADE SHOULD NOT EXCEED 5%. SIDE SLOPES SHOULD BE 2:1 OR LESS.
4. OUTLET SHALL CONSIST OF RIP RAP DISCHARGING TO STABILIZED OUTLET, SEDIMENT POND OR LEVEL SPREADER.
5. IF DESIGNED AS A PERMANENT DRAINAGE FEATURE, MAY BE USED IN COMBINATION WITH INTERCEPTOR DRAIN.

NTS
Interceptor Swale 8

CITY OF ARLINGTON
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WEISMAN**DESIGN**GROUP

NOT FOR CONSTRUCTION
JERALD A. JACOBSON
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C2.11

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SCALE 1"=30'

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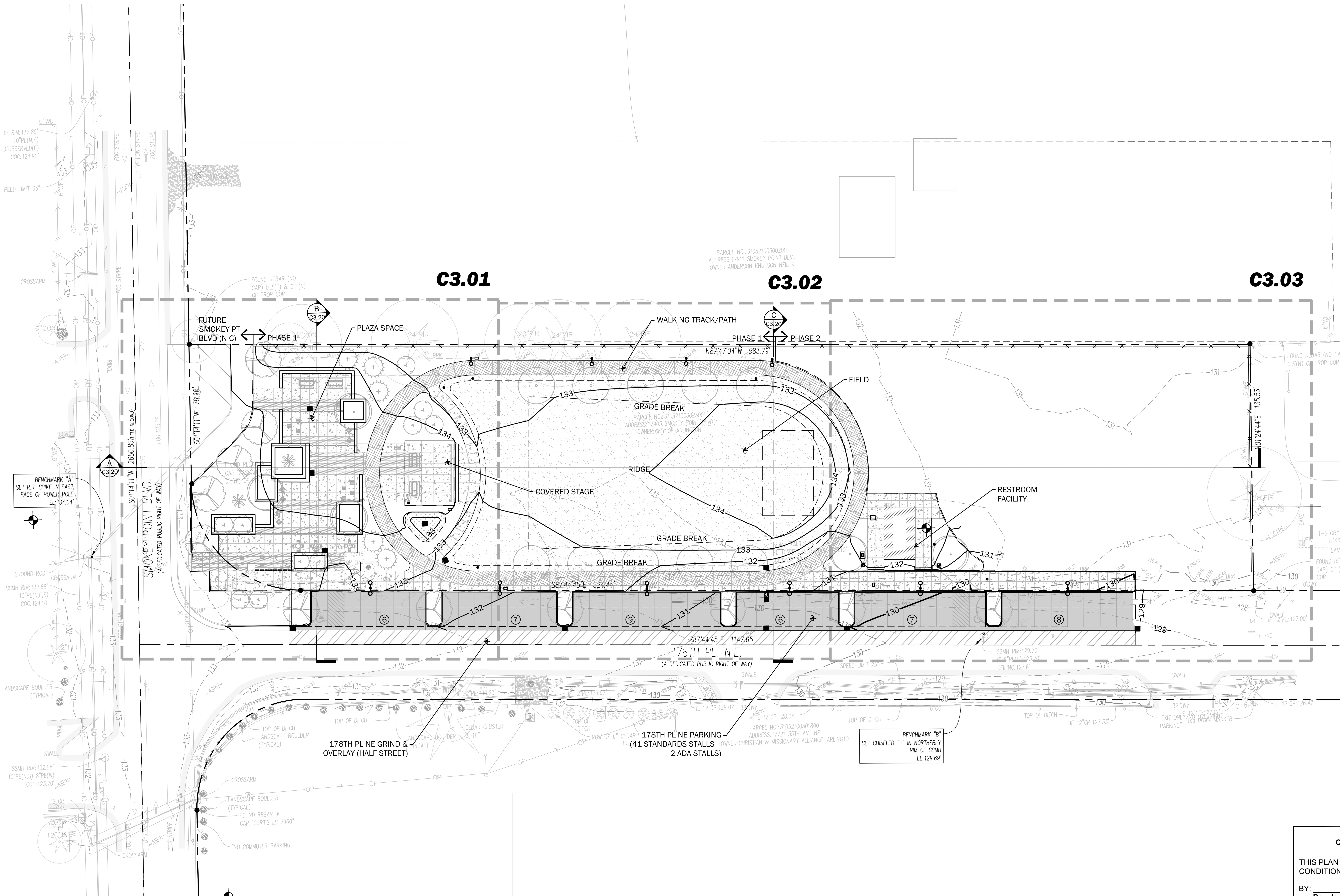

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OVERALL GRADING & PAVING PLAN

C3.00

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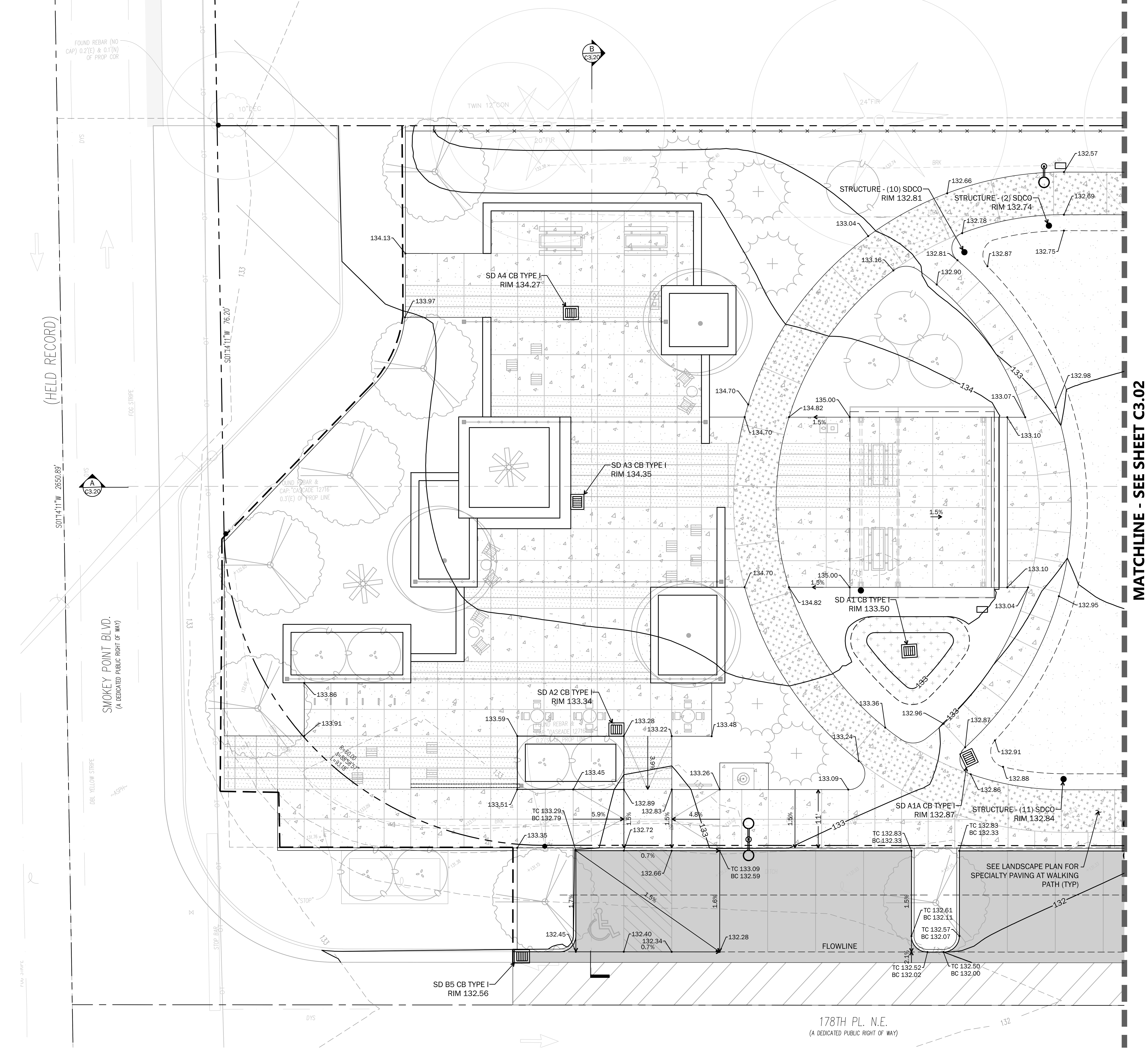

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811

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE
CONTOUR (INDEX)
CONTOUR
SPOT ELEVATION 109.36 TC 109.86 BC 109.36
GRADE BREAK RIDGE VALLEY
ASPHALT PAVEMENT
ASPHALT OVERLAY
CONCRETE PAVEMENT
SPECIALTY CONCRETE PAVEMENT
CONCRETE CURB

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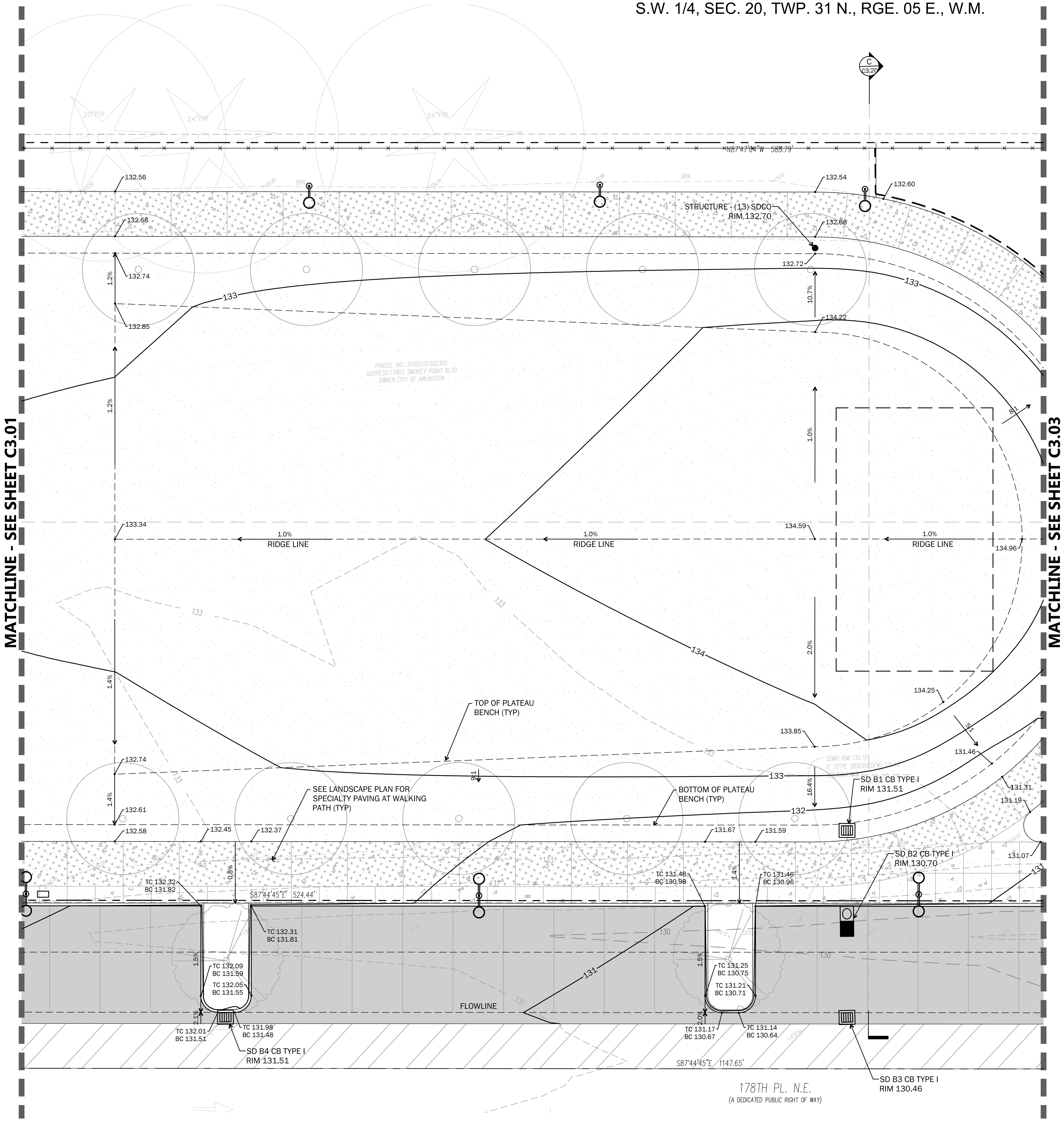
GRADING & PAVING PLAN

C3.01



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811

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LEGEND

PROPERTY LINE
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GRADING & PAVING PLAN

C3.02

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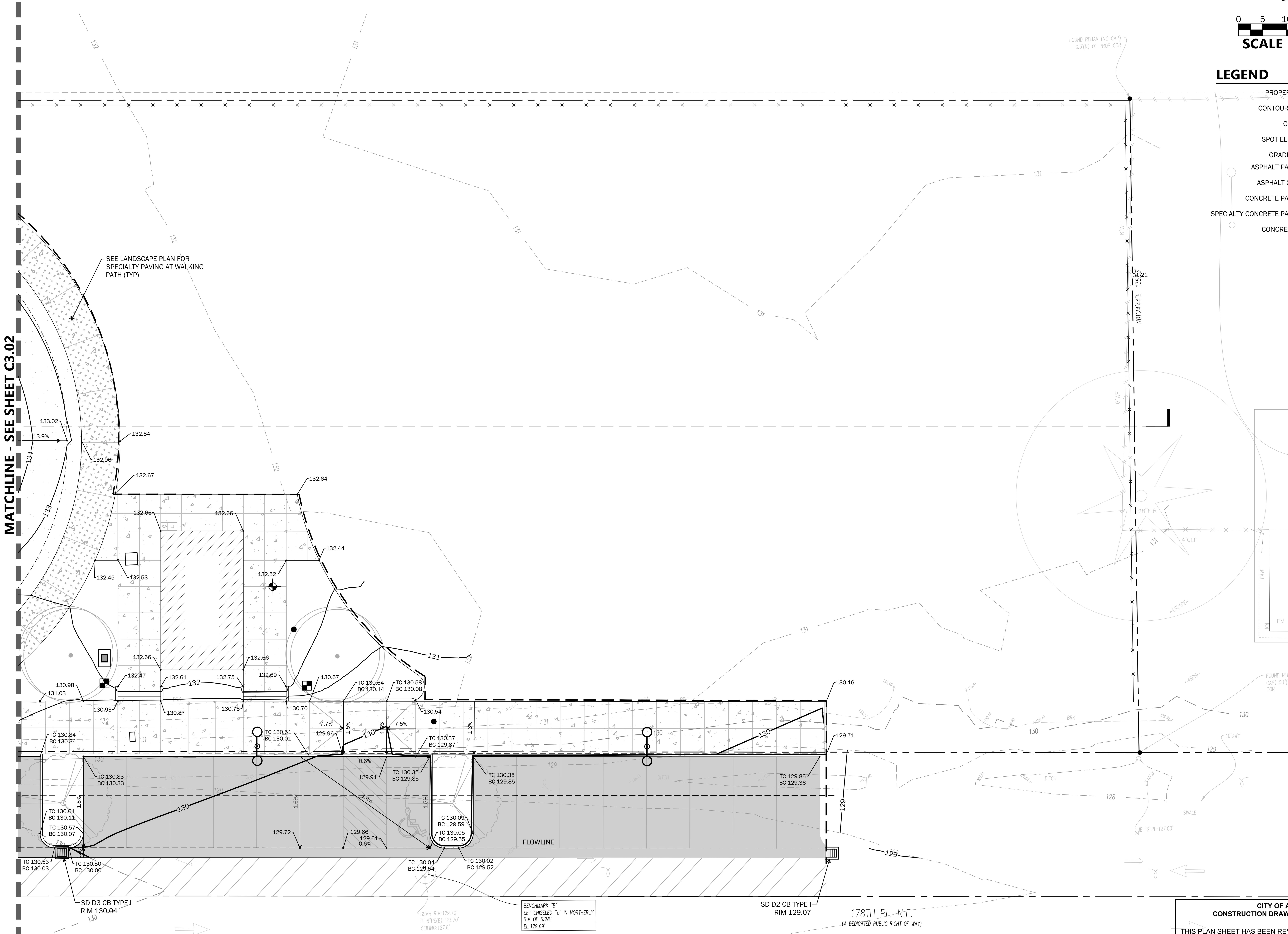

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LEGEND

- PROPERTY LINE
- CONTOUR (INDEX)
- CONTOUR
- SPOT ELEVATION
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- CONCRETE PAVEMENT
- SPECIALTY CONCRETE PAVEMENT
- CONCRETE CURB

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GRADING & PAVING PLAN

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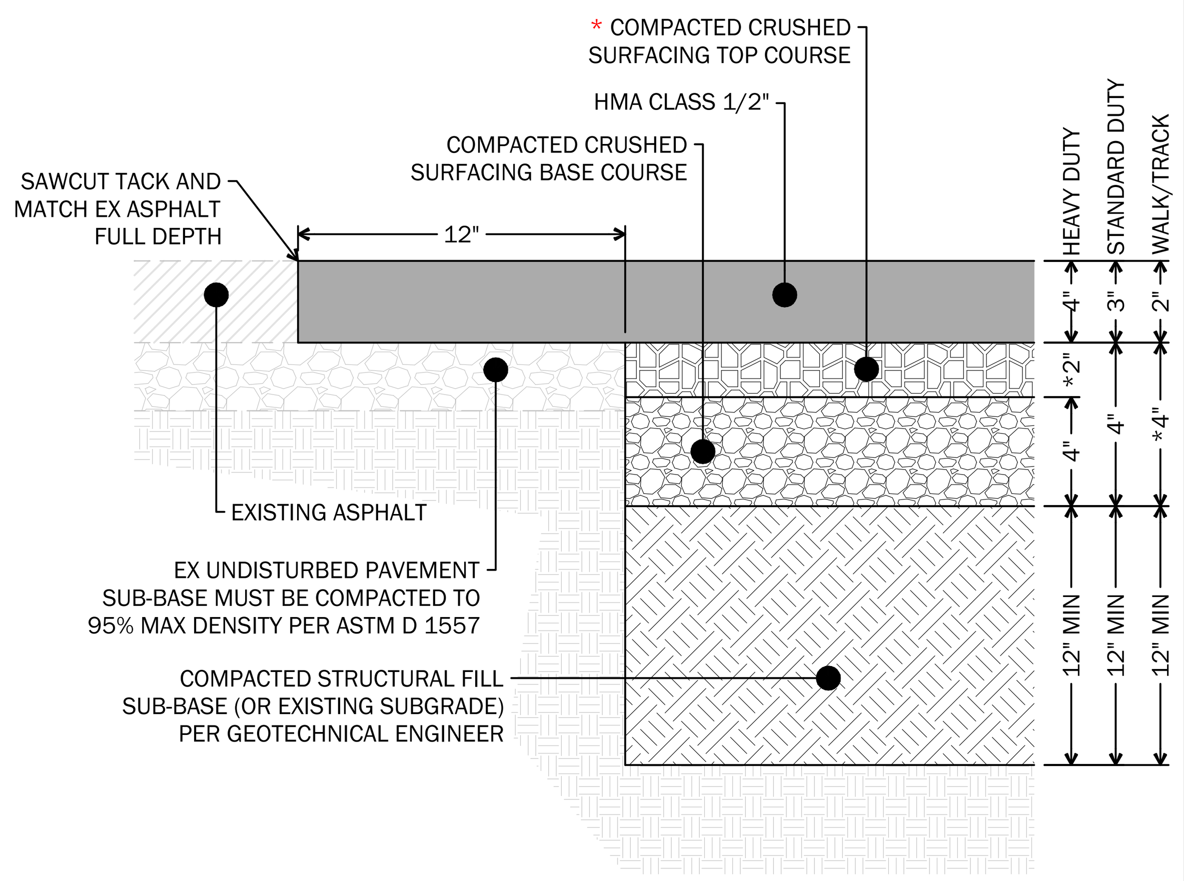
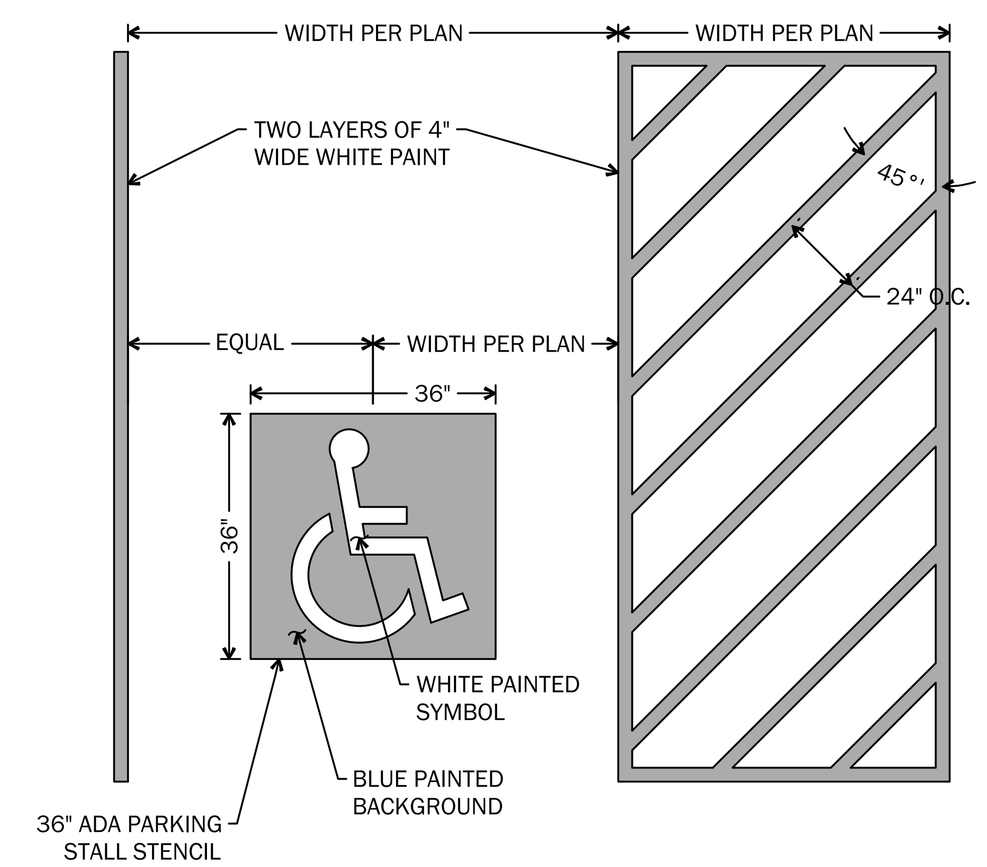


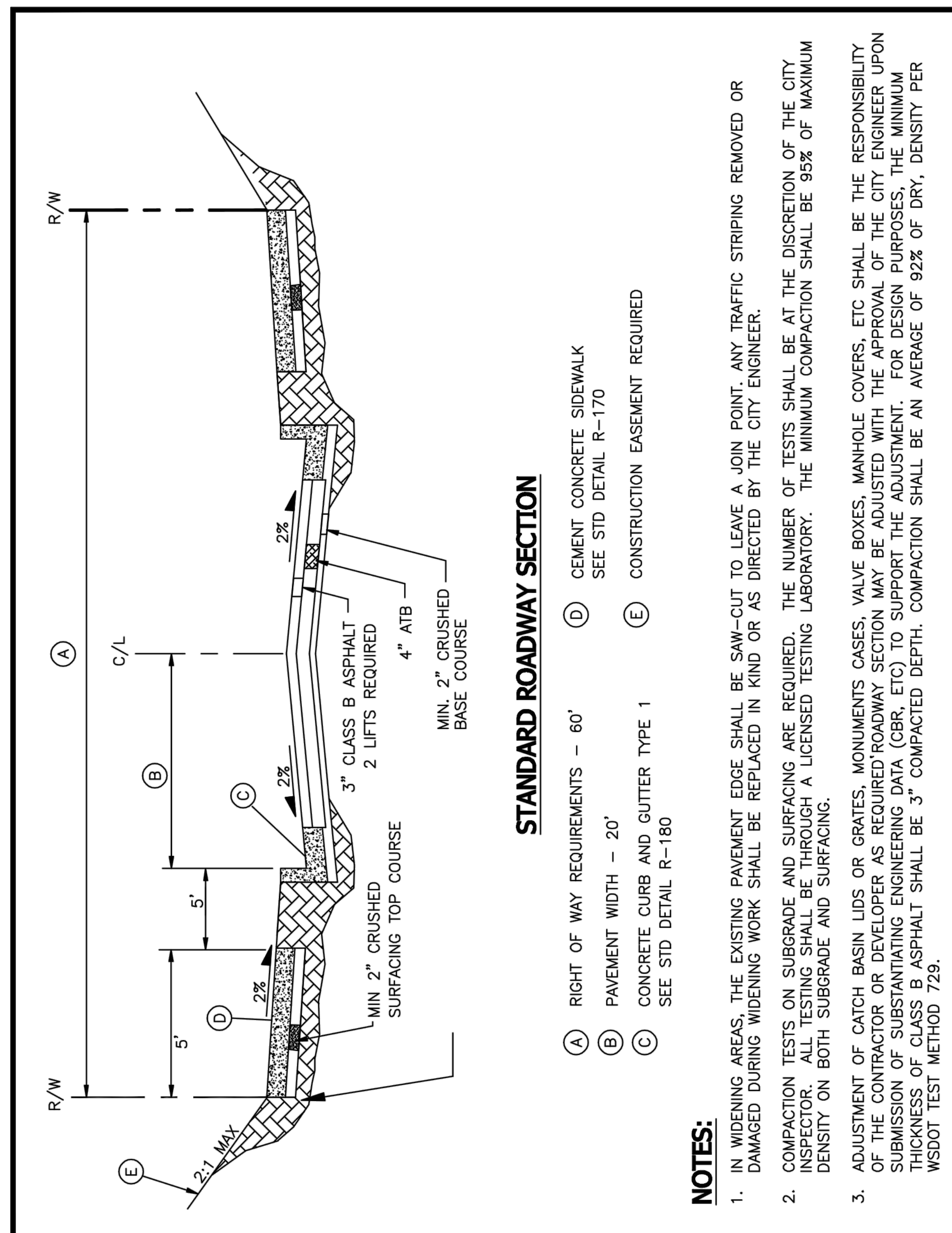
NOTES:

DEPTHS ARE COMPACTED THICKNESS

NTS
Asphalt Sidewalk 1



NTS
ADA Parking Stall 2

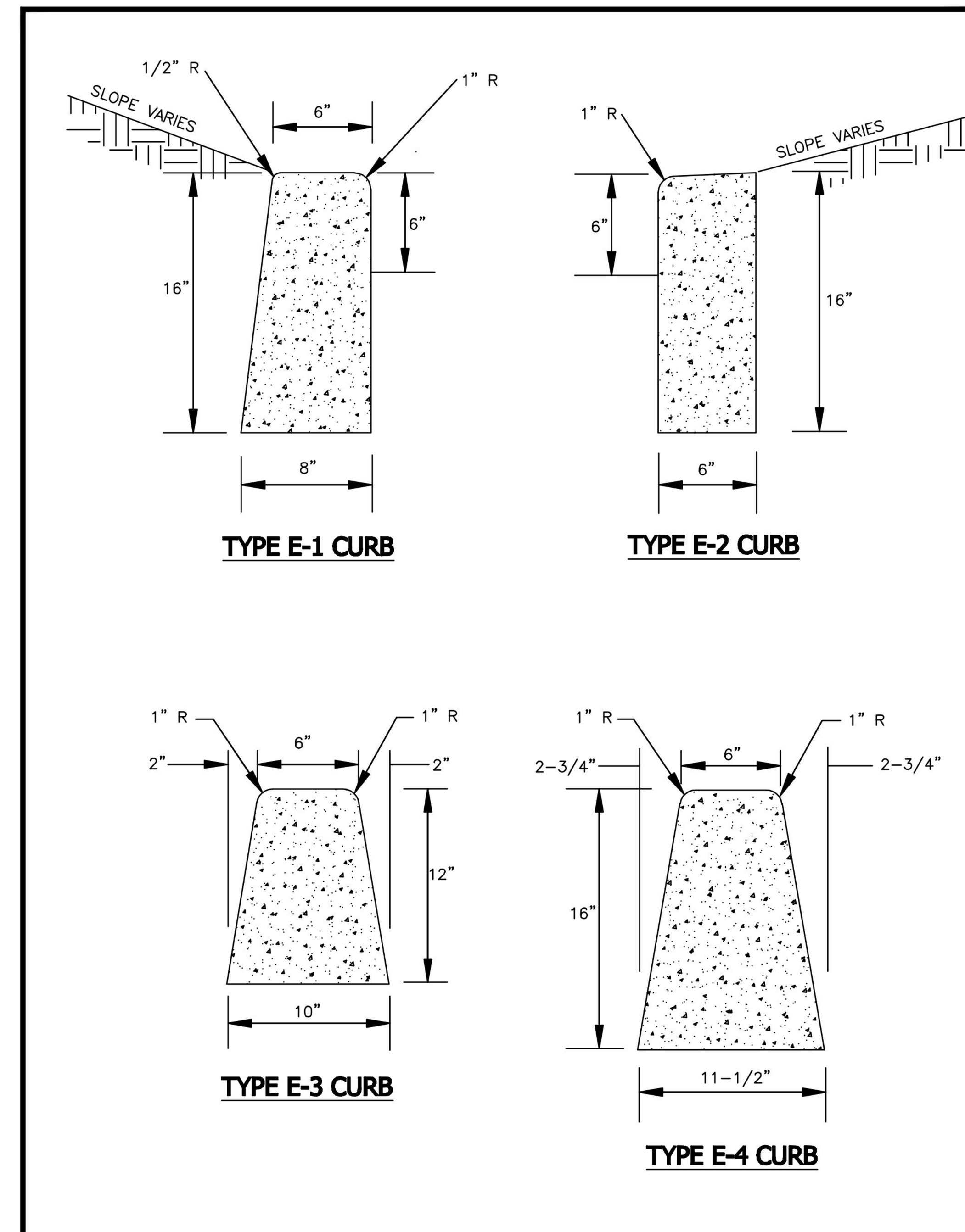


NOTES:

1. IN WIDENING AREAS, THE EXISTING PAVEMENT EDGE SHALL BE SAW-CUT TO LEAVE A JOIN POINT. ANY TRAFFIC STRIPING REMOVED OR DAMAGED DURING WIDENING WORK SHALL BE REPLACED IN KIND OR AS DIRECTED BY THE CITY ENGINEER.
2. COMPACTION TESTS ON SUBGRADE AND SURFACING ARE REQUIRED. THE NUMBER OF TESTS SHALL BE AT THE DISCRETION OF THE CITY INSPECTOR. ALL TESTING SHALL BE THROUGH A LICENSED TESTING LABORATORY. THE MINIMUM COMPACTION SHALL BE 95% OF MAXIMUM DENSITY ON BOTH SUBGRADE AND SURFACING.
3. ADJUSTMENT OF CATCH BASIN LIDS OR GRATES, MONUMENTS CASES, VALVE BOXES, MANHOLE COVERS, ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER. ROADWAY SECTION MAY BE ADJUSTED WITH THE APPROVAL OF THE CITY ENGINEER UPON SUBMISSION OF SUBSTANTIATING ENGINEERING DATA (CBR, ETC) TO SUPPORT THE ADJUSTMENT. FOR DESIGN PURPOSES, THE MINIMUM THICKNESS OF CLASS B ASPHALT SHALL BE 3" COMPACTED DEPTH. COMPACTION SHALL BE AN AVERAGE OF 92% OF DRY DENSITY PER WSDOT TEST METHOD 729.

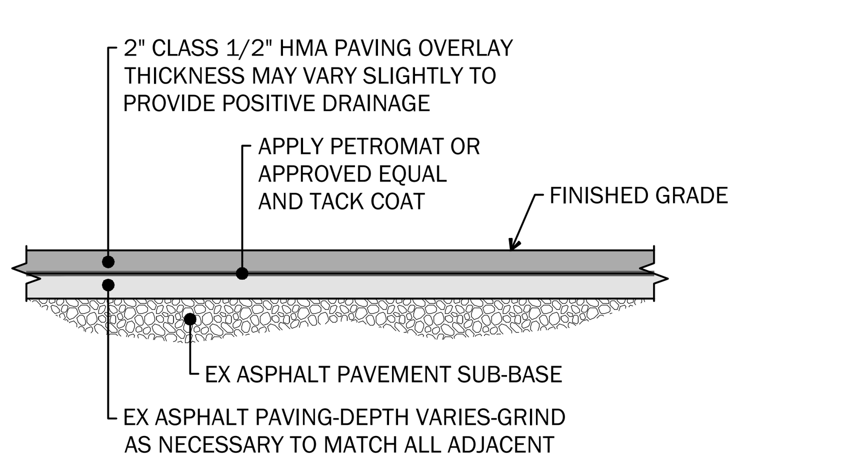
CITY OF ARLINGTON	APPROVED BY L. OLIVE / DATE 07/31/2008 / REF STD SPEC	DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS — TYPICAL ROADWAY SECTION LOCAL ACCESS STREET	STANDARD DETAIL NUMBER R-010

NTS
Local Access Street 3



CITY OF ARLINGTON	APPROVED BY L. OLIVE / DATE 07/31/2008 / REF STD SPEC	DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS — CEMENT CONCRETE CURB TYPE E-1, E-2, E-3 & E-4	STANDARD DETAIL NUMBER R-210

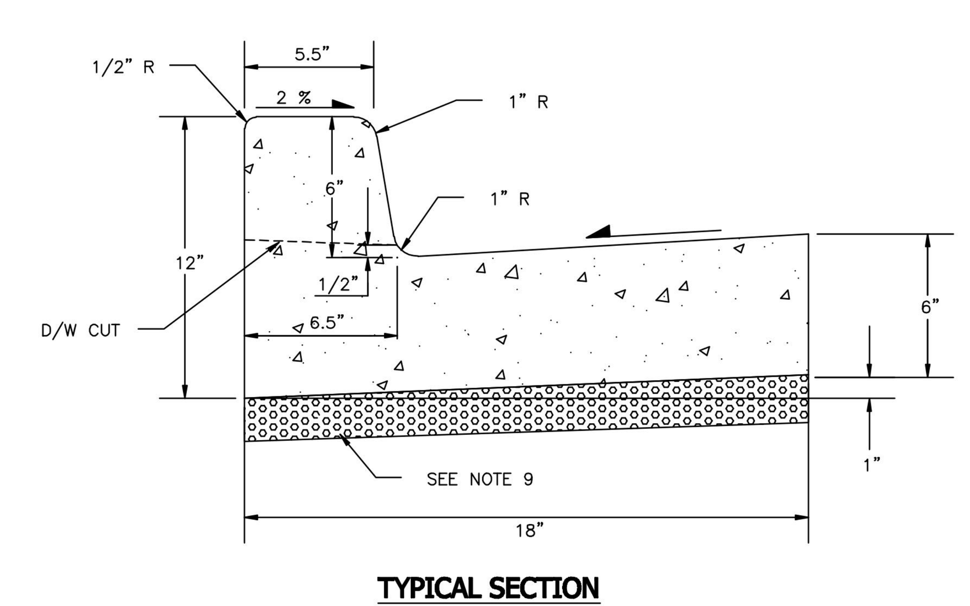
NTS
Cement Concrete Curb 4



NOTES:

1. PLACE ASPHALT CONCRETE PAVEMENT IN ACCORDANCE WITH WSDOT APWA SECTION 5-04.
2. ASPHALT PAVEMENT OVERLAY SHALL BE PLACED IN (1) LIFT. FINAL LIFT SHALL BE CONSTRUCTED WITH THE OVERLAY OF THE EXISTING ASPHALT ONLY AFTER PAVEMENT PATCHING IS COMPLETE.
3. TACK COAT-USE AR4000.
4. USE PETROMAT® OR ENGINEER APPROVED EQUAL

NTS
Grind and Overlay 5



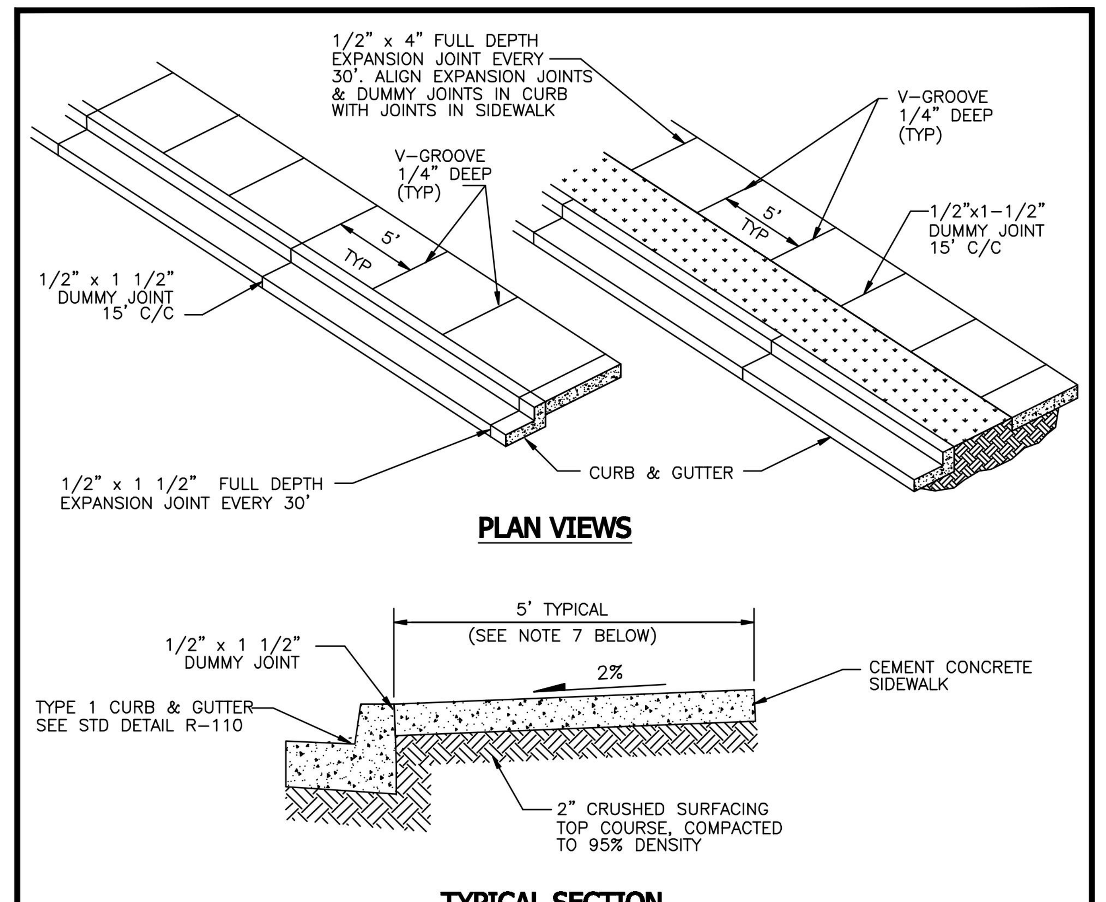
TYPICAL SECTION

NOTES:

1. FORMS SHALL BE TRUE TO LINE AND GRADE AND SECURELY STAKED.
2. DUMMY JOINTS SHALL BE PLACED 15 FEET ON CENTERS. DUMMY JOINTS SHALL BE 1/2" x 1-1/2".
3. THRU JOINTS SHALL BE PLACED ADJACENT TO CATCH BASINS, INLETS AND AT POINTS OF TANGENCY ON STREETS, ALLEY AND DRIVEWAY RETURNS. MAXIMUM SPACING SHALL BE 30 FT. PRE-MOLDED JOINT FILLER SHALL BE 1/2" WIDE AND CONFORM TO AASHTO DESIGN M213.
4. ALL JOINTS SHALL BE CLEAN AND EDGED.
5. CONCRETE SHALL BE CEMENT CONCRETE, CLASS 3000.
6. STEEL FORMS ONLY SHALL BE USED ON TANGENT SECTIONS. WOOD FORMS MAY BE USED ON CURVED SECTIONS.
7. FINISH SHALL BE LIGHT BROOM FINISH.
8. THE FINISHED CURB SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND AND COVERED BY WATERPROOF PAPER OR PLASTIC MEMBRANE IN THE EVENT OF RAIN OR OTHER INCLEMENT WEATHER. CURING TIME SHALL BE A MINIMUM OF 72 HOURS.
9. ALL CURB AND GUTTER SHALL BE PLACED ON A MIN OF 2" OF CRUSHED SURFACING TOP COURSE.
10. DUMMY JOINT 1/2" x 1 1/2" BETWEEN TYPE 1 CURB AND GUTTER AND THE SIDEWALK.

CITY OF ARLINGTON	APPROVED BY L. OLIVE / DATE 07/31/2008 / REF STD SPEC	DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS — CEMENT CONCRETE CURB AND GUTTER TYPE 1	STANDARD DETAIL NUMBER R-180

NTS
Concrete Curb and Gutter 6



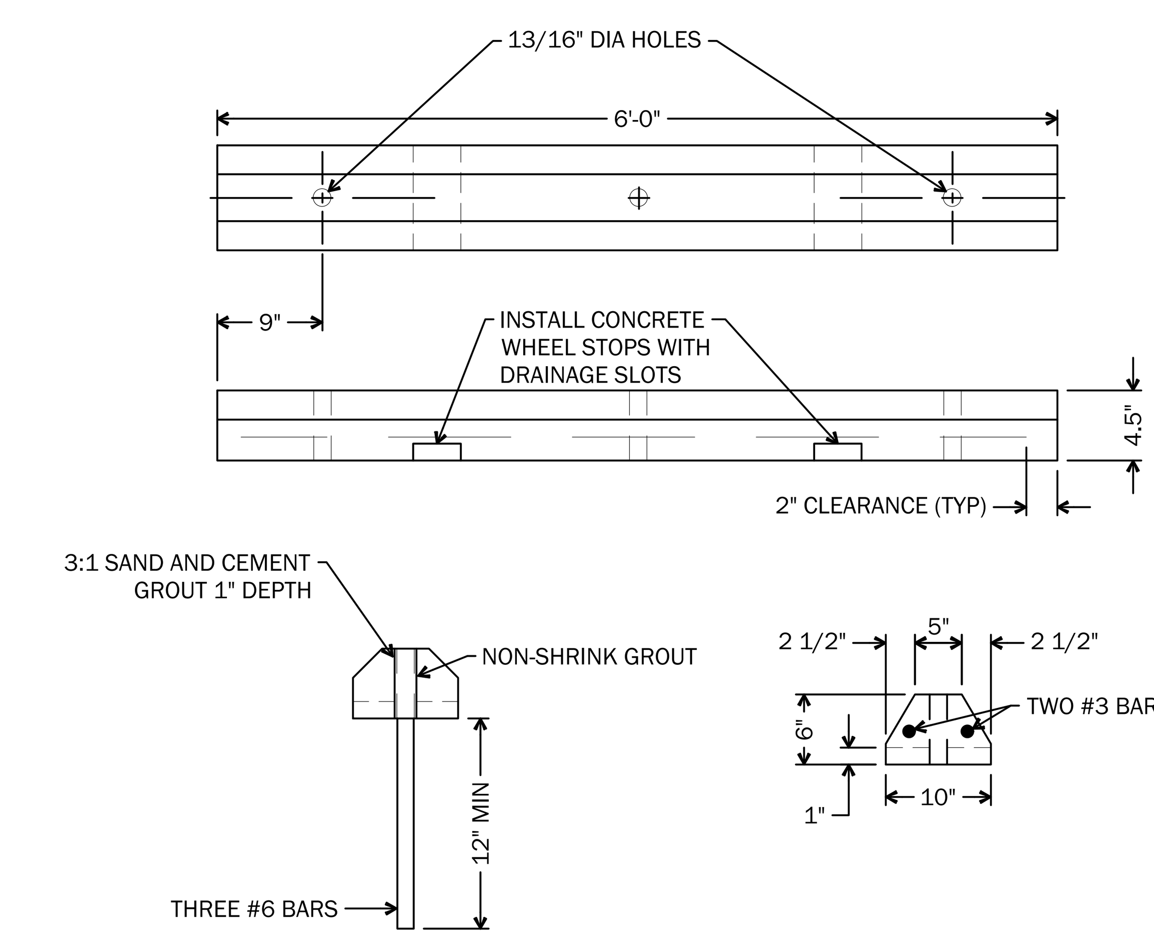
TYPICAL SECTION

NOTES:

1. SIDEWALKS SHALL BE A MINIMUM OF 4" THICK, AND SHALL BE CLASS 3000 CEMENT CONCRETE, WITH AIR ENTRAINMENT (MIN 4.5% – MAX 6.5%).
2. FULL EXPANSION JOINTS SHALL GENERALLY BE PLACED TO MATCH THOSE PLACED IN ADJACENT CURB & GUTTER, WITH MAXIMUM SPACING OF 30 FEET, FINAL SPACING DETERMINATION SHALL BE DECIDED BY THE INSPECTOR IN THE FIELD.
3. SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY.
4. SIDEWALK SHALL BE AT LEAST 6" THICK IN DRIVEWAYS.
5. THE FINISHED SIDEWALK SHALL BE SPRAYED WITH A TRANSPARENT CURING COMPOUND COVERED BY WATERPROOF PAPER OR PLASTIC SHEETING IN THE EVENT OF RAIN OR OTHER INCLEMENT WEATHER. CURING TIME SHALL BE FOR A MINIMUM OF 72 HOURS.
6. ALL JOINTS SHALL BE CLEANED AND EDGED WITH AN EDGER HAVING A 1/4" RADIUS.
7. SIDEWALKS ARE TYPICALLY 5' WIDE, WIDER SIDEWALK MAY BE REQUIRED BY THE CITY.

CITY OF ARLINGTON	APPROVED BY L. OLIVE / DATE 07/31/2008 / REF STD SPEC	DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS — CEMENT CONCRETE SIDEWALK	STANDARD DETAIL NUMBER R-170

NTS
Cement Concrete Sidewalk 7



NTS
Wheel Stops 8

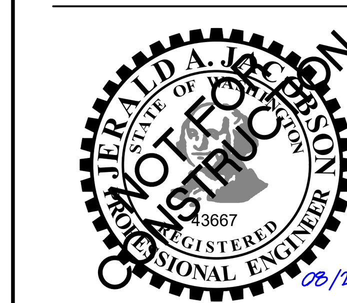
CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ______________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

WEISMANDESIGNGROUP



PROJECT MANAGEMENT:
ROCK PROJECT MANAGEMENT
(425) 572-6878
LANDSCAPE ARCHITECTURE:
WEISMAN DESIGN GROUP
(206) 322-1732
ARCHITECTURE:
DYKEMAN ARCHITECTS
(425) 259-3161
CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

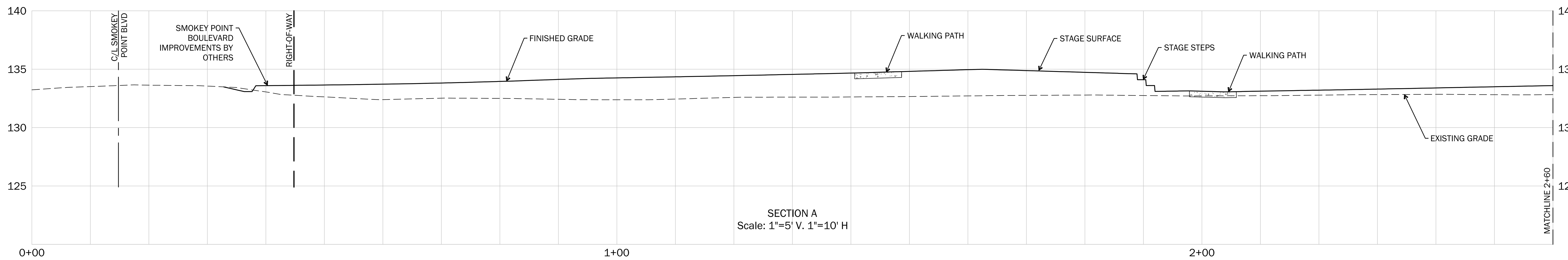
Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

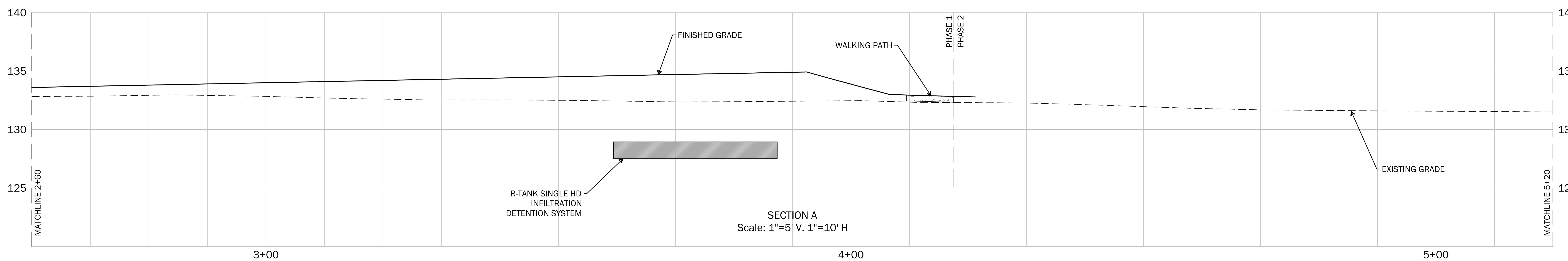
DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

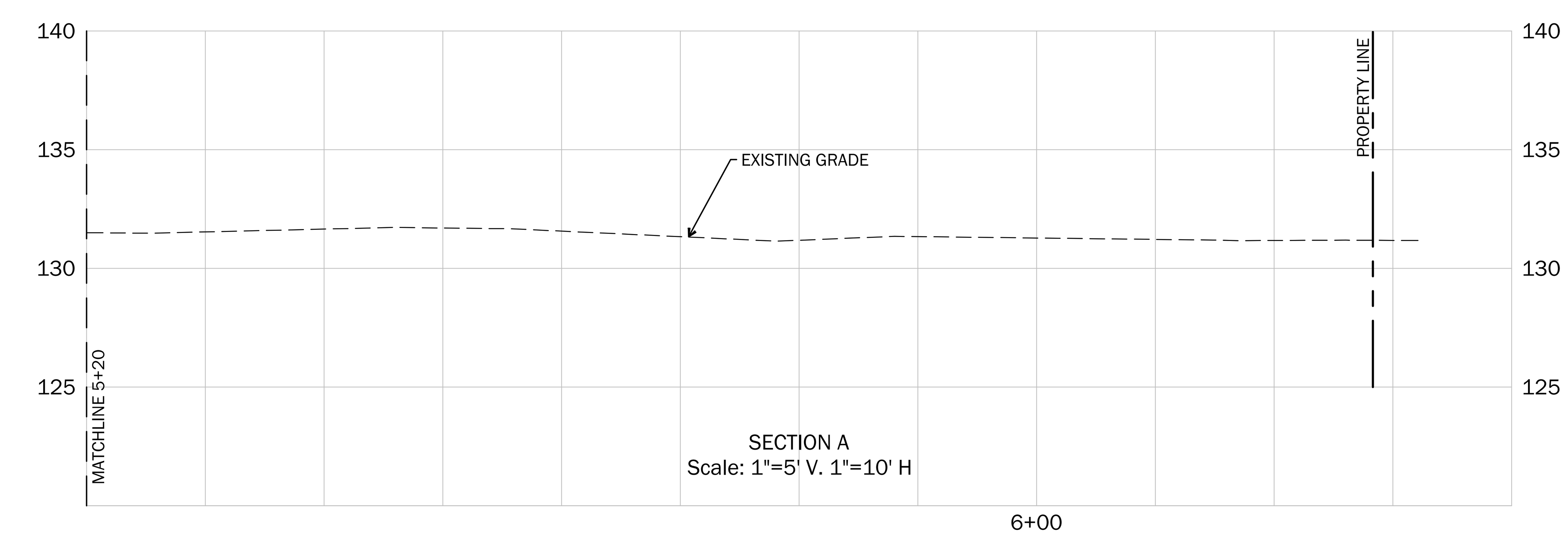
PAVING DETAILS

C3.11

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.







CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

WEISMAN**DESIGN**GROUP

NOT FOR CONSTRUCTION

GERALD A. JACOBSON
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
08/25/23

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(425) 572-6878
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ELECTRICAL:
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SMOKEY POINT COMMUNITY PARK

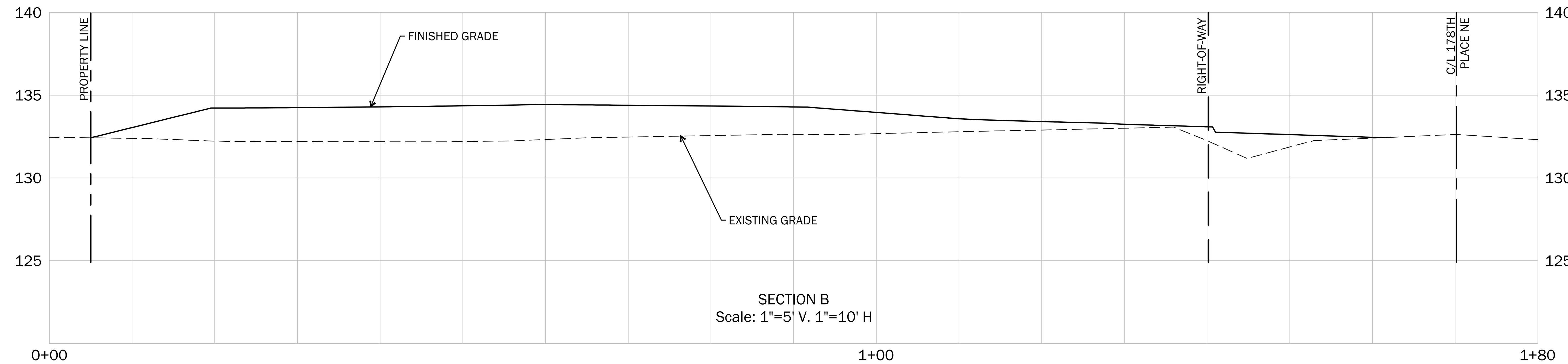
Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

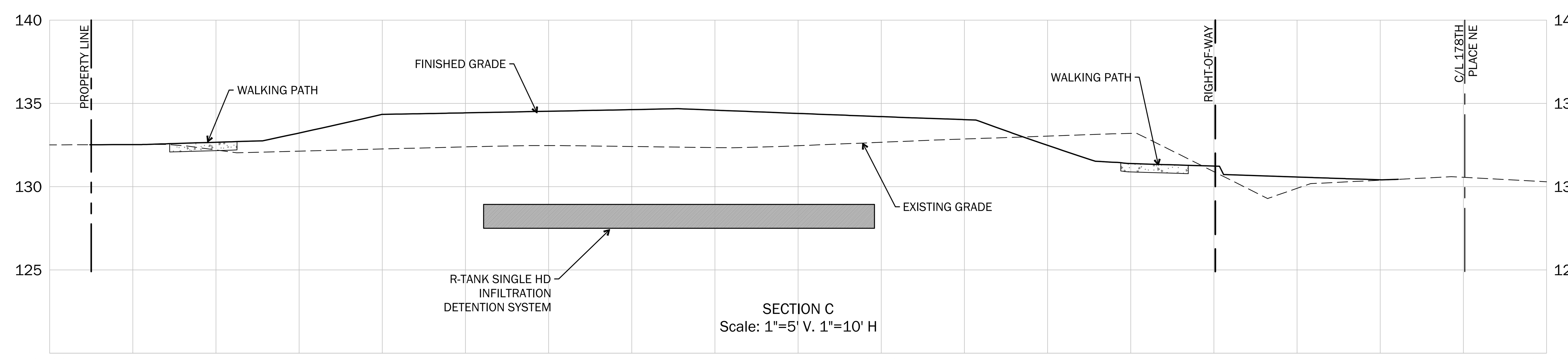
SITE SECTIONS

C3.20

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



SECTION B
Scale: 1"=5' V. 1"=10' H



SECTION C
Scale: 1"=5' V. 1"=10' H

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

WEISMAN**DESIGN**GROUP

LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
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REVISIONS:	
100% DD	08/25/23

SITE SECTIONS

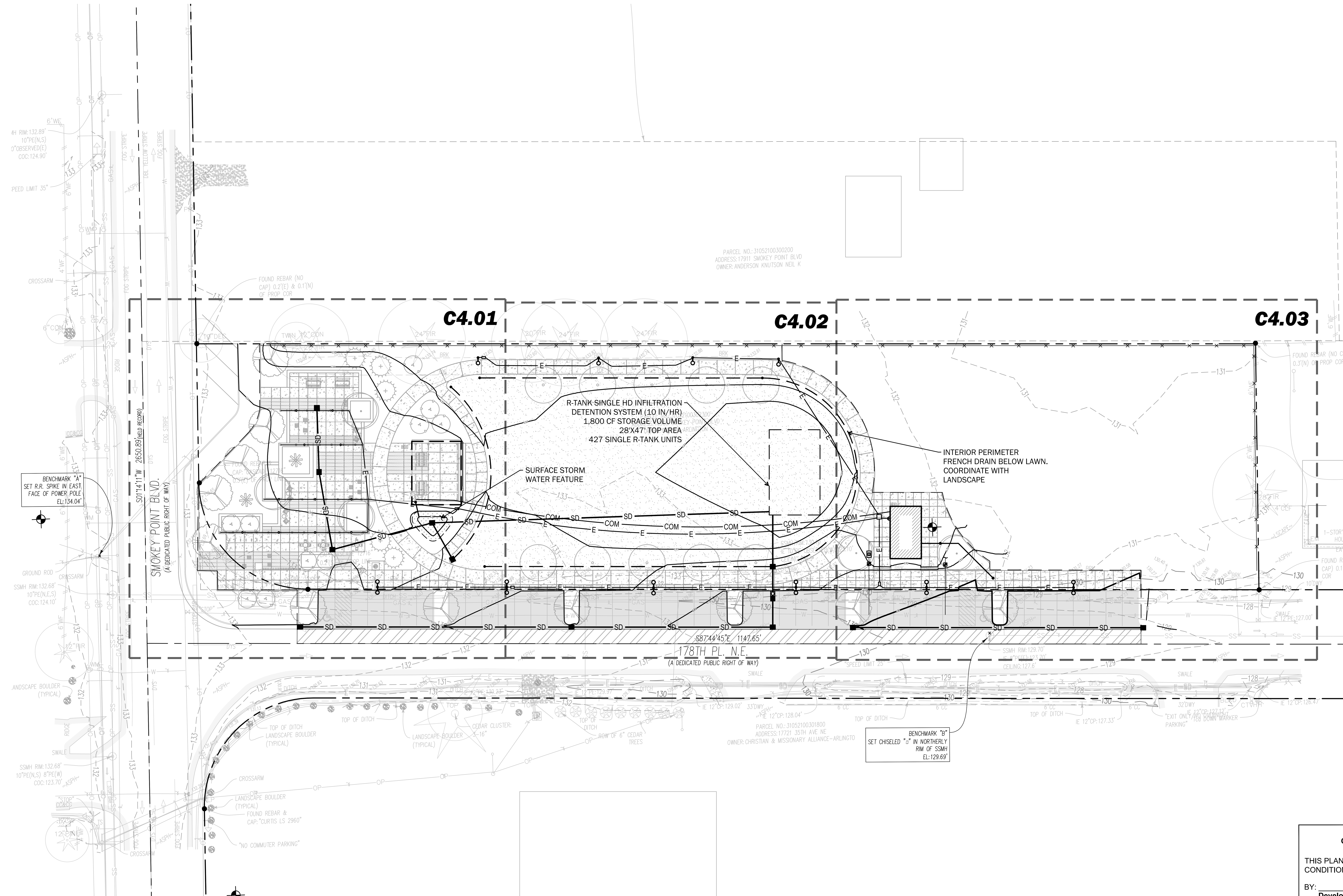
C3.21

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.

Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA) 811

0 15 30 60

SCALE 1"=30'



WEISMANDESIGNGROUP

NOT FOR CONSTRUCTION

JERALD A. JACOBSON
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

08/25/23

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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

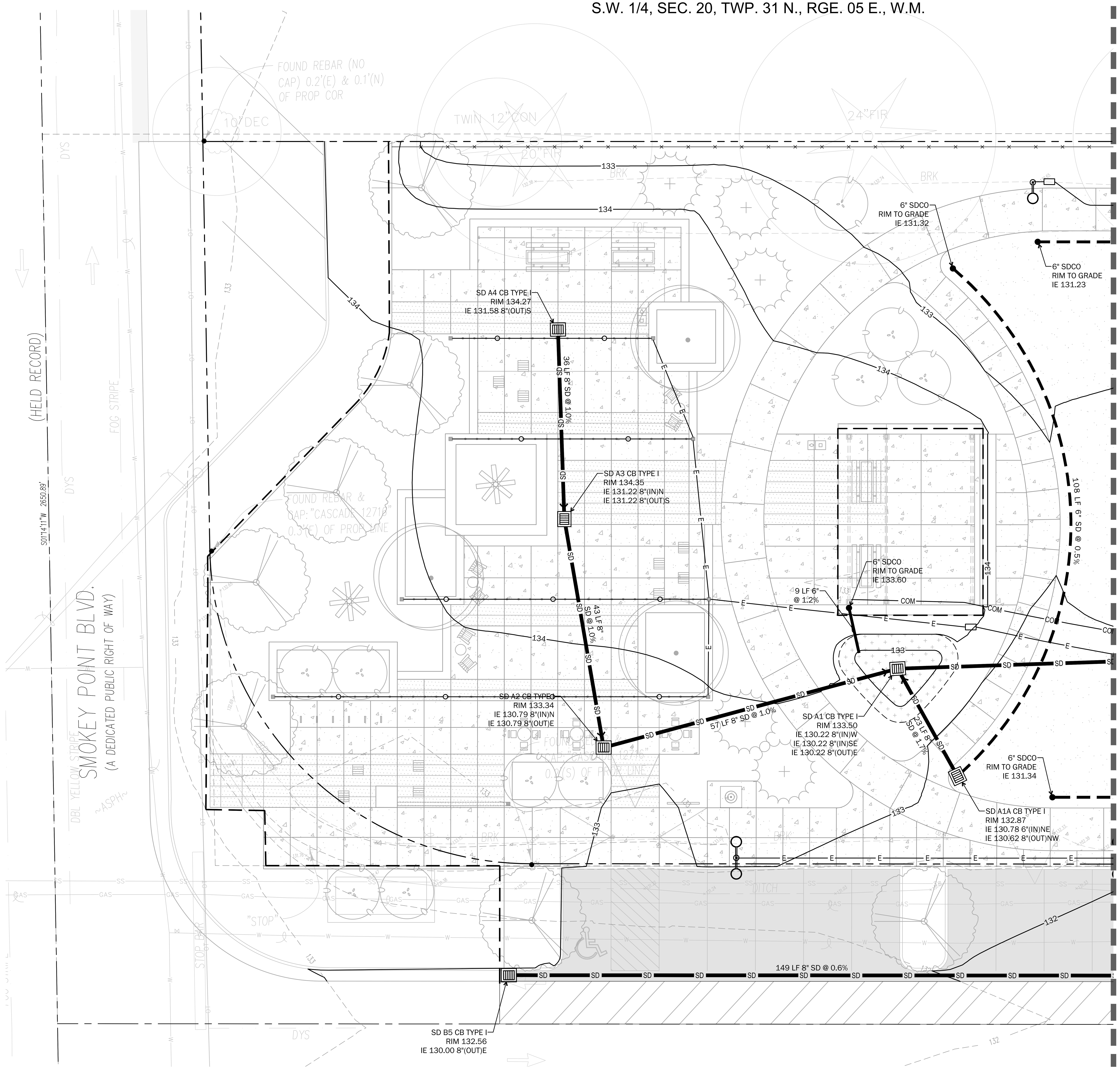
BY: ______________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

OVERALL STORM DRAINAGE & UTILITY PLAN

C4.00

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you Dig. 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)

0 5 10 20
SCALE 1"=10'

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- STORM DRAINAGE PIPE — SD
- FRENCH DRAIN
- YD/CO/CB/CB 2/MH
- SANITARY SEWER — SS
- SANITARY MH/CO
- WATER MAIN — W
- FH/FDC/PIV/VALVE — FH FDC PIV WV
- WATER VAULT/METER
- DETENTION VAULT
- ELECTRICAL — E
- COMM — COM
- LIGHT FIXTURES

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

PROJECT MANAGEMENT:
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ARCHITECTURE:
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(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

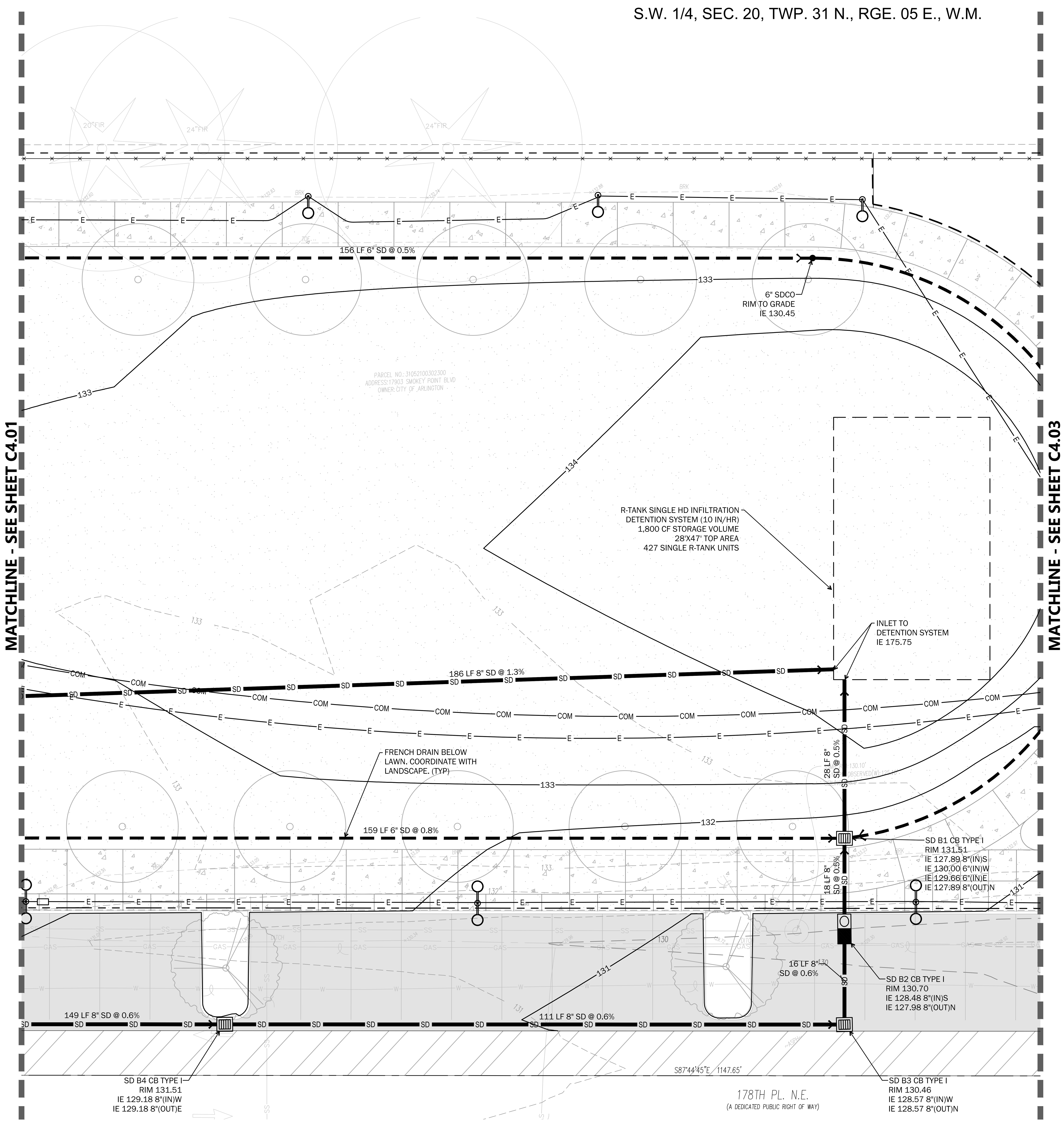
THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________
Development Services Manager

DATE: ____________ THIS APPROVAL VALID FOR 18 MONTHS

STORM DRAINAGE & UTILITY PLAN

C4.01



Call before you Dig. 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)

811

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E - 46.81'
STORM DRAINAGE PIPE	SD
FRENCH DRAIN	
YD/CO/CB/CB 2/MH	
SANITARY SEWER	SS
SANITARY MH/CO	
WATER MAIN	W
FH/FDC/PIV/VALVE	FH FDC PIV WV
WATER VAULT/METER	
DETENTION VAULT	
ELECTRICAL	E
COMM	COM
LIGHT FIXTURES	

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JERALD A. JACOBSON
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ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

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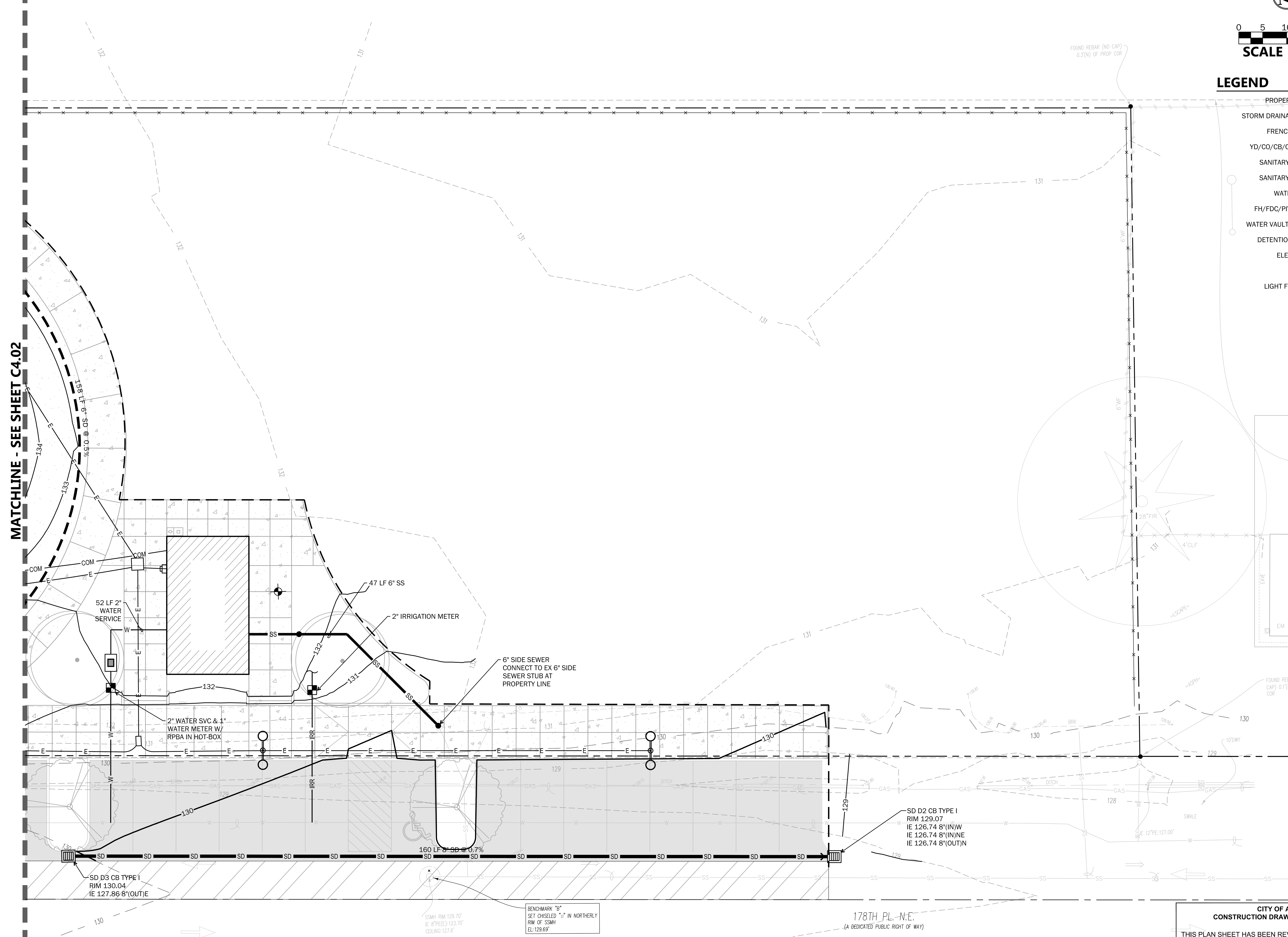
BY: ____________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

STORM DRAINAGE & UTILITY PLAN

C4.02

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

SCALE 1"=10'

LEGEND

- PROPERTY LINE
- STORM DRAINAGE PIPE
- FRENCH DRAIN
- YD/CO/CB/CB 2/MH
- SANITARY SEWER
- SANITARY MH/CO
- WATER MAIN
- FH/FDC/PIV/VALVE
- WATER VAULT/METER
- DETENTION VAULT
- ELECTRICAL
- COMM
- LIGHT FIXTURES

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JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

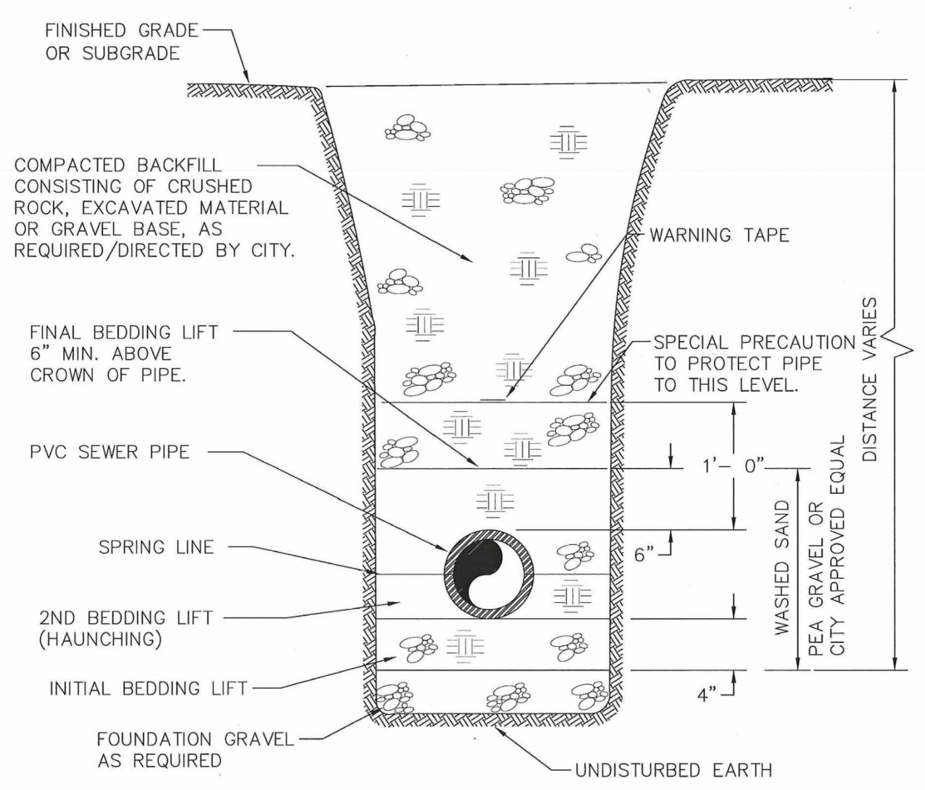
THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ______________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

STORM DRAINAGE & UTILITY PLAN

C4.03



NOTE:
BACKFILL MATERIAL AND COMPACTION SHALL BE IN CONFORMANCE WITH CITY STANDARDS AND/OR THE STATE OR COUNTY PERMIT REQUIREMENTS (AS MAY BE APPLICABLE).

LAST REVISED 10/23/01

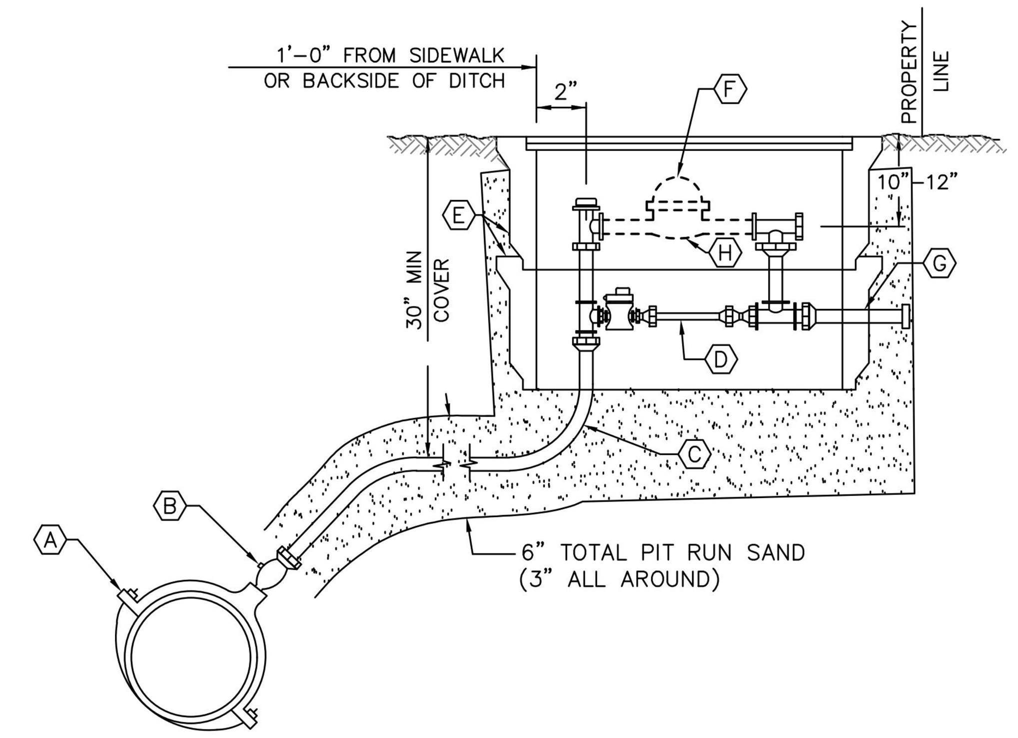
APPROVED BY 5/9/07
MARYSVILLE CITY ENGINEER DATE

CITY OF Marysville WASHINGTON

TRENCH (FLEXIBLE PIPE)

STANDARD PLAN 5-175-001

NTS
Sewer Trench 1



Ⓐ 1 1/2" OR 2" I.P. SERVICE SADDLE W/ DI DOUBLE STRAPS EQUAL TO ROMAC OR SMITH BLAIR. (STAINLESS DOUBLE STRAP FOR AC PIPE).

Ⓑ 1 1/2" OR 2" I.P.Tx110 BALL VALVE CORPORATION STOP. FOR TYPE K COPPER SERVICE EQUAL TO MUELLER, FORD BALLCORP, INSTALLED @ A 45° ANGLE WITH KEY FACING UP.

Ⓒ 1 1/2", 2" K COPPER HARD DRAWN OR COIL OR CL.200 POLY. CUT TO FIT, CONTINUOUS LENGTH.

Ⓓ METER SETTER W/ BYPASS, MUELLER, FORD, OR APPROVED EQUAL. SPACE BETWEEN ANGLE STOP AND CHECK ANGLE SHALL BE 13 1/2" FOR 1 1/2" SERVICE OR 17 1/2" FOR 2" SERVICE. SETTER SHALL HAVE THE FOLLOWING FEATURES:
- PADLOCK WINGS ON KEY VALVE
- ANGLE CHECK ON METER OUTLET
- IRON PIPE CONNECTIONS ON SETTER INLET AND OUTLET
- COMPRESSION ADAPTOR ON SETTER INLET
- 1" BY-PASS W/PADLOCK WINGS ON CURB STOP

Ⓔ CARSON BCF 1730-18XL SKU #17302044
PC COVER WITH PC READER LID: CARSON PC1730R SKU #17304296 (NON-TRAFFIC).
20K PC COVER: CARSON PC1730 SKU #17304239 (TRAFFIC)

Ⓕ METER IS TO BE INSTALLED BY CITY.

Ⓖ 1 1/2" OR 2" DIA 15" LONG BRASS OR COPPER NIPPLE W/ PVC CAP.

Ⓗ SPACER TO BE FURNISHED BY THE CITY AND INSTALLED BY THE CONTRACTOR

SIZE METER	LENGTH
1 1/2"	13 1/4"
2"	17 1/4"

NO GASKETS TO BE INSTALLED WITH SPACERS

APPROVED BY 6/15/18
MARYSVILLE CITY ENGINEER DATE

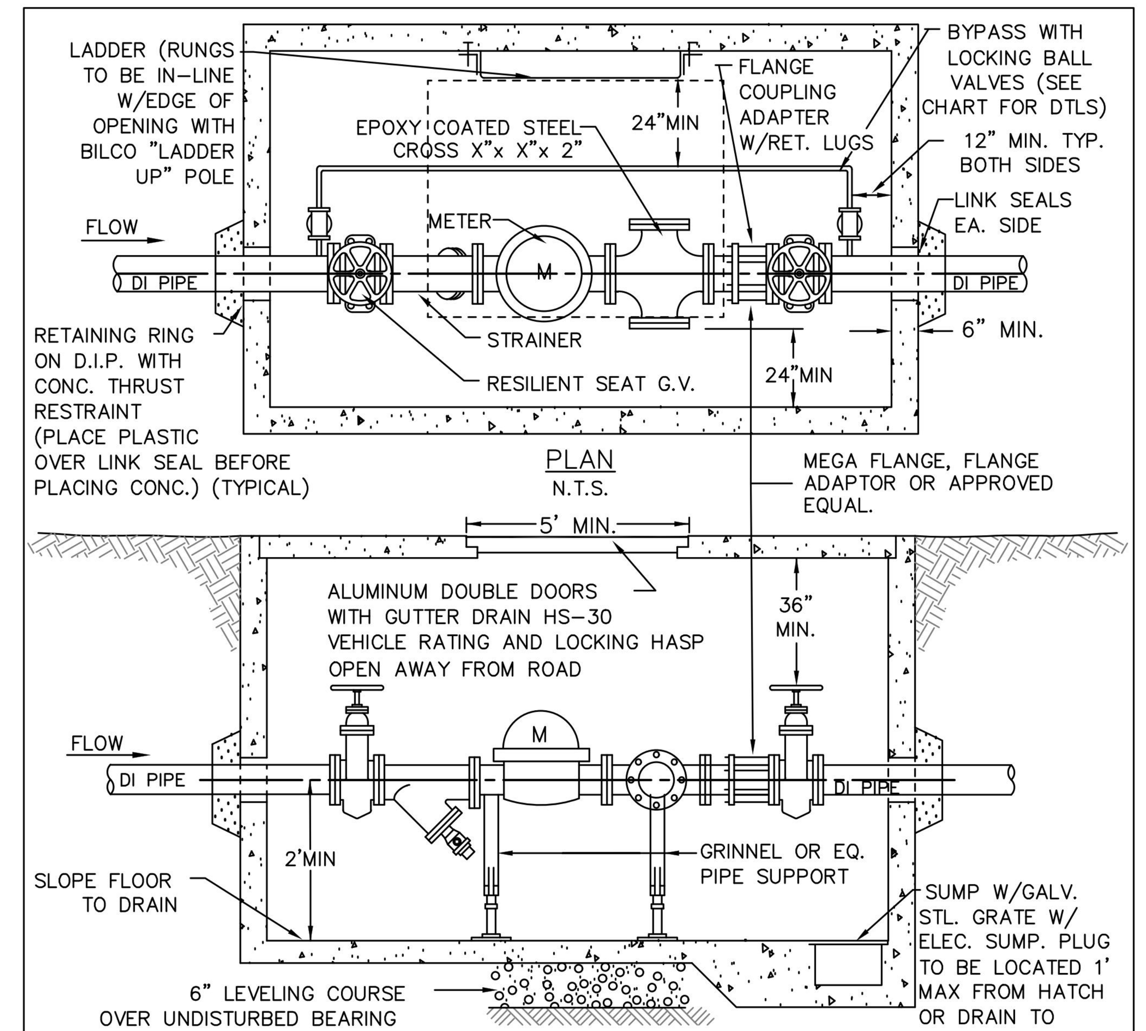
CITY OF Marysville WASHINGTON

1 1/2" AND 2" SINGLE SERVICES

LAST REVISED 05/13/09

STANDARD PLAN 2-090-002

NTS
1 Inch and 2 Inch Water Service 2



METER SIZE	RECOMMENDED BYPASS SIZE
3	1 1/2" COPPER
4	1 1/2" COPPER
6	2" COPPER
8	4" D.I.P.

NOTES:
1. COVER SHALL EXTEND 6" ABOVE GRADE WHEN VAULT IS NOT IN TRAFFIC AREA AND SHALL BE FLUSH IN TRAFFIC AREA.
2. SLOPE PAVEMENT AWAY FROM VAULT WHEN VAULT IS IN TRAFFIC AREA.
3. VAULT TO BE RATED FOR HIGHWAY USE (HS-30 VEHICLE RATING MINIMUM).
4. DOUBLE DETECTOR CHECK VALVE ASSEMBLY MUST BE INSTALLED BETWEEN METER AND POINT OF USE (BUILDING).
5. ALL BYPASSES SMALLER THAN 4" SHALL BE SADDLED.

APPROVED BY 06/15/18
MARYSVILLE CITY ENGINEER DATE

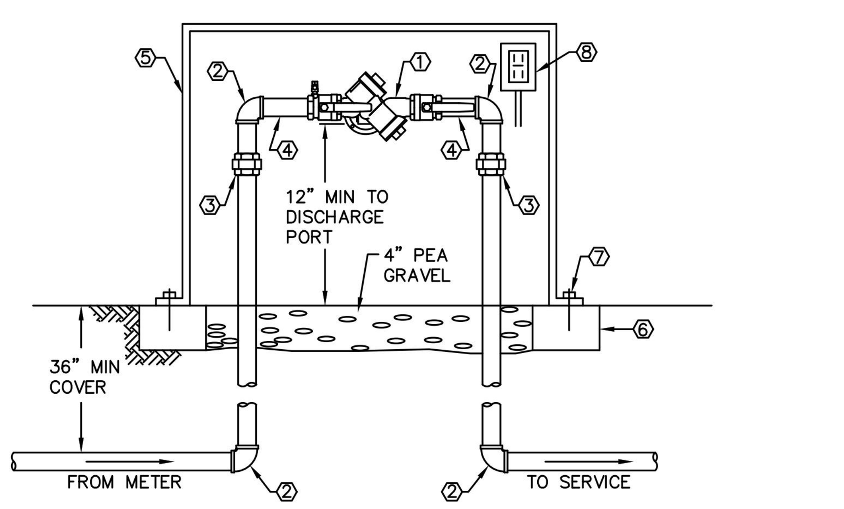
METER VAULT ASSEMBLY (METERS 2" & LARGER)

CITY OF Marysville WASHINGTON

LAST REVISED 06/15/18

STANDARD PLAN 2-090-004

NTS
Meter Vault Assembly 3



1", 1-1/2", & 2" REDUCED PRESSURE ASSEMBLY

LEGEND
① WA. STATE DOH LISTED REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH ISOLATION VALVES AND TEST COCKS. FEBCO MODEL 825Y OR EQUAL. ASSEMBLY MUST BE ON LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES PREPARED BY THE WASHINGTON STATE DEPARTMENT OF HEALTH DRINKING WATER PROGRAM.
② 90° BEND, THREADED BRASS
③ UNION, THREADED BRASS
④ SCHEDULE 80 RIGID BRASS PIPE

IF INSTALLED OUTDOORS:
⑤ HEATED AND INSULATED FIBERGLASS ENCLOSURE WITH HINGED LOCKABLE LID WHICH EXPOSES TOP AND FRONT OF RPBA. SHALL BE EQUIPPED WITH A SCREENED DRAINAGE PORT AT THE BASE AND FLEXIBLE FLAPS TO PREVENT DRAFTS.
FOR 1" ASSEMBLY: HOT-BOX MODEL #1 – 27"W x 13"D x 23"H MINIMUM INSIDE DIMENSIONS.
FOR 1-1/2" ASSEMBLY: HOT-BOX MODEL #1.5 – 33"W x 21"D x 23"H MIN. INSIDE DIMENSIONS.
FOR 2" ASSEMBLY: HOT-BOX MODEL #2 – 39"W x 13"D x 35"H MINIMUM INSIDE DIMENSIONS.
AS MANUFACTURED BY NORTHEAST FLORIDA ENTERPRISES, INC.
⑥ 6" WIDE X 4" HIGH CAST-IN-PLACE CONCRETE FOOTING AROUND BASE OF ENCLOSURE.
⑦ STAINLESS STEEL ANCHOR BOLTS, SIZE AND NUMBER AS RECOMMENDED BY ENCLOSURE MANUFACTURER.
⑧ 120 VOLT, SINGLE PHASE, 15 AMP GROUND FAULT INTERRUPTING RECEPTACLE, U.L. STANDARD 943, N.E.M.A. 3R. POWER SERVICE SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND CITY OF MARYSVILLE ORDINANCES. MOUNT RECEPTACLE AT TOP OF THE BACK WALL OF ENCLOSURE.

NOTES:
1. ALL PIPE AND FITTINGS SHALL BE SAME SIZE AS RPBA.
2. RPBA SHALL BE INSTALLED WITH TEST COCKS TOWARDS FRONT OF ENCLOSURE (FOR OUTDOOR INSTALLATIONS).
3. RPBA MAY BE INSTALLED INDOORS FOR FREEZE PROTECTION ONLY WITH PRIOR APPROVAL CITY. INDOOR INSTALLATIONS SHALL MEET CITY OF MARYSVILLE PLUMBING CODES AND BE ACCESSIBLE AND AVAILABLE TO CITY STAFF FOR INSPECTIONS.
4. RPBA SHALL BE CERTIFIED UPON INSTALLATION AND RECEIVE ANNUAL RECERTIFICATIONS.

APPROVED BY 6/20/18
MARYSVILLE CITY ENGINEER DATE

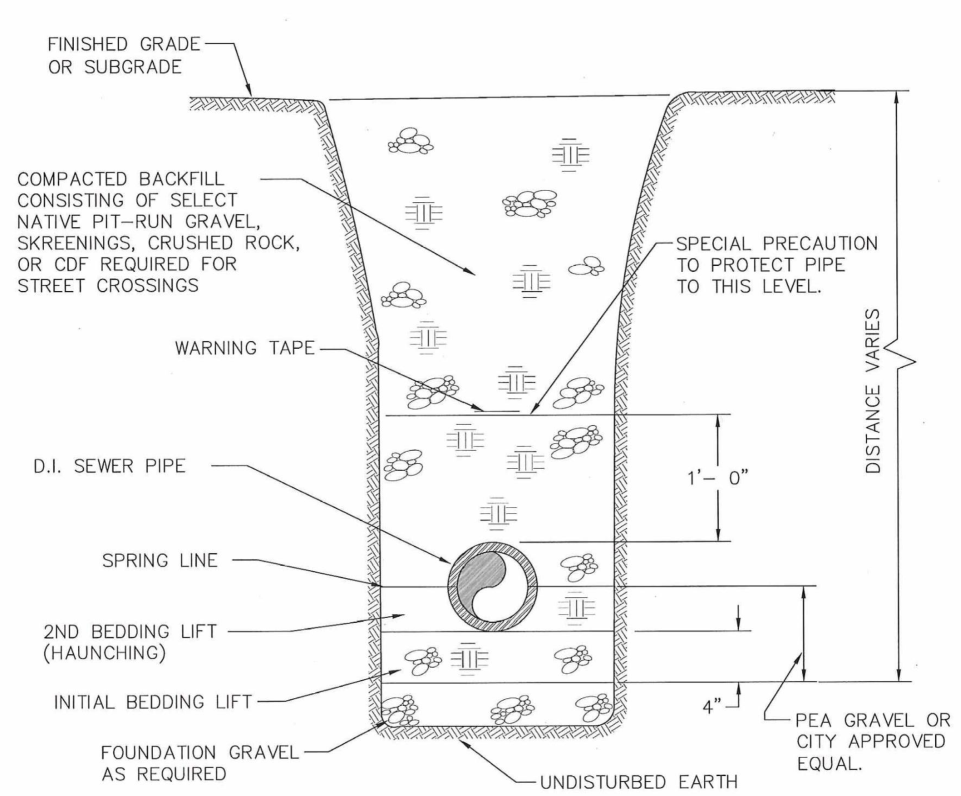
1", 1 1/2" & 2" REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY

CITY OF Marysville WASHINGTON

LAST REVISED 03/24/15

STANDARD PLAN 2-151-002

NTS
Reduced Pressure Backflow Assembly 4



NOTE:
BACKFILL MATERIAL AND COMPACTION SHALL BE IN CONFORMANCE WITH CITY STANDARDS AND/OR THE STATE OR COUNTY PERMIT REQUIREMENTS (AS MAY BE APPLICABLE).

APPROVED BY 5/9/07
MARYSVILLE CITY ENGINEER DATE

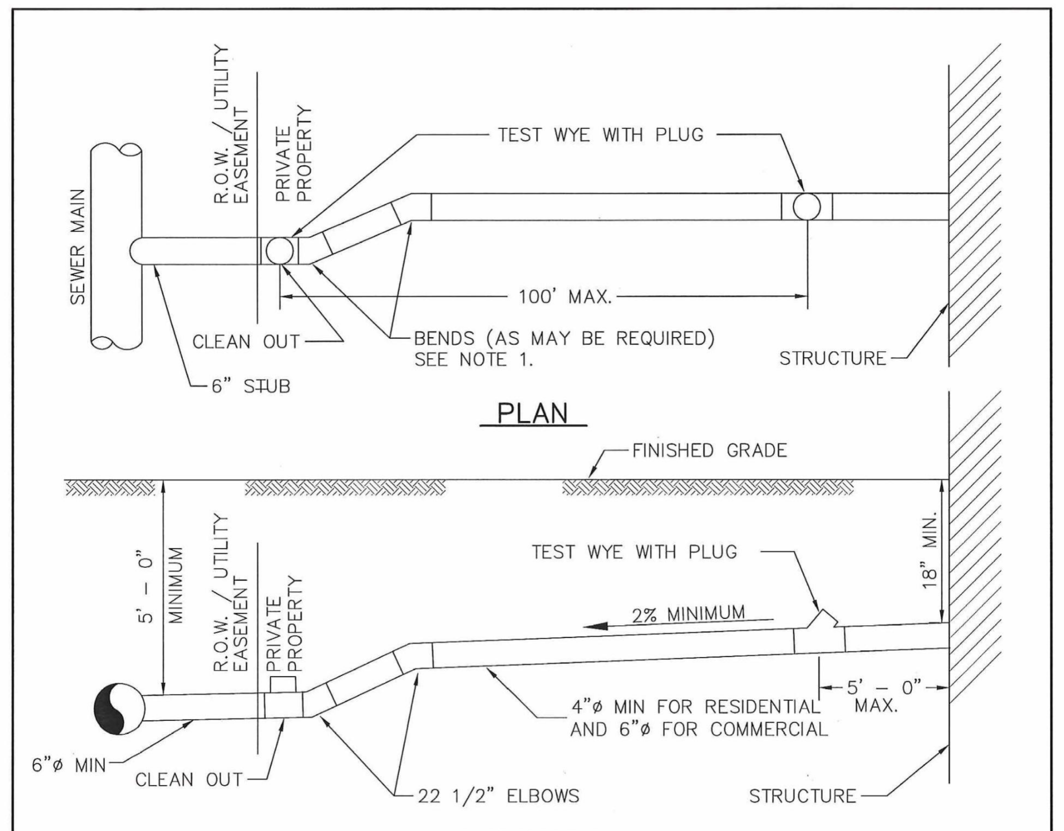
TRENCH (RIGID PIPE)

CITY OF Marysville WASHINGTON

LAST REVISED 10/23/01

STANDARD PLAN 5-175-002

NTS
Water Trench 5



NOTES:
1. ELBOWS SHALL NOT BE GREATER THAN 45°
2. CLEAN OUT IS REQUIRED FOR EACH PIPE LENGTH GREATER THAN 100' AND FOR EACH 45° ACCUMULATED ELBOW/100'.
3. RIGHT-OF-WAY RESTORATION SHALL MATCH OR EXCEED THE ORIGINAL CONDITION.
4. BACKFILL FOR PAVED AREA SHALL BE 5/8" MINUS CRUSHED SURFACING TOP COURSE, COMPACTED IN 12" LIFTS.
5. ALL PLUMBING OUTLETS SHALL BE CONNECTED TO THE SEWER. NO DOWNSPOUTS OR STORM DRAINAGE MAY BE CONNECTED TO THE SEWER SYSTEM.
6. 18" MINIMUM COVERAGE OF PIPE.
7. 5' MINIMUM COVERAGE AT PROPERTY LINE.
8. LAY PIPE IN STRAIGHT LINE BETWEEN BENDS. MAKE ALL CHANGES IN GRADE OR LINE WITH AN ELBOW OR WYE. 90° CHANGE WITH AN ELBOW AND WYE.
9. 6" SEWER PIPE MINIMUM SIZE IN R.O.W. 2% MINIMUM GRADE, 45% MAXIMUM.
10. 4" SEWER PIPE MINIMUM SIZE ON PRIVATE RESIDENTIAL PROPERTY. 6" SEWER PIPE MIN. SIZE ON COMMERCIAL PROPERTIES. 2% MIN GRADE, 45° MAXIMUM.
11. CONSTRUCTION IN RIGHT-OF-WAY SHALL BE PERFORMED BE A REGISTERED LICENSED CONTRACTOR.
12. ALL CONSTRUCTION REQUIRES A PERMIT AND PAYMENT OF FEES. COMPLETE LEGAL DESCRIPTION OF PROPERTY AND DIMENSIONS.
13. AS-BUILT DRAWING SHOWING LOCATION OF SIDE SEWER IN RELATION TO THE HOUSE IS REQUIRED AFTER INSTALLATION.
14. MINIMUM OF 12" BETWEEN 45 DEGREE FITTINGS.

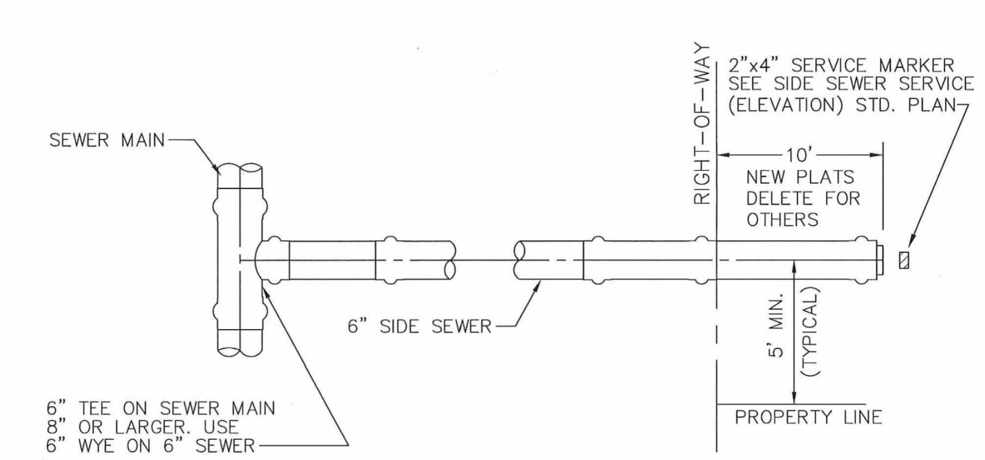
LAST REVISED 03/09/05

APPROVED BY 5/9/07
MARYSVILLE CITY ENGINEER DATE

TYPICAL SIDE SEWER

CITY Marysville WASHINGTON

STANDARD PLAN 5-150-001



LAST REVISED 03/09/05

APPROVED BY 5/9/07
MARYSVILLE CITY ENGINEER DATE

SIDE SEWER SERVICE (PLAN)

CITY Marysville WASHINGTON

STANDARD PLAN 5-150-002

NTS
Side Sewer Service 6

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________
Development Services Manager

DATE: ____________ THIS APPROVAL VALID FOR 18 MONTHS

WEISMANDESIGNGROUP

JERALD A. JACOBSON, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 33667
NOT FOR CONSTRUCTION
08/25/23

PROJECT MANAGEMENT:
ROCK PROJECT MANAGEMENT
(425) 572-6878
LANDSCAPE ARCHITECTURE:
WEISMAN DESIGN GROUP
(206) 322-1732
ARCHITECTURE:
DYKEMAN ARCHITECTS
(425) 259-3161
CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK
Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

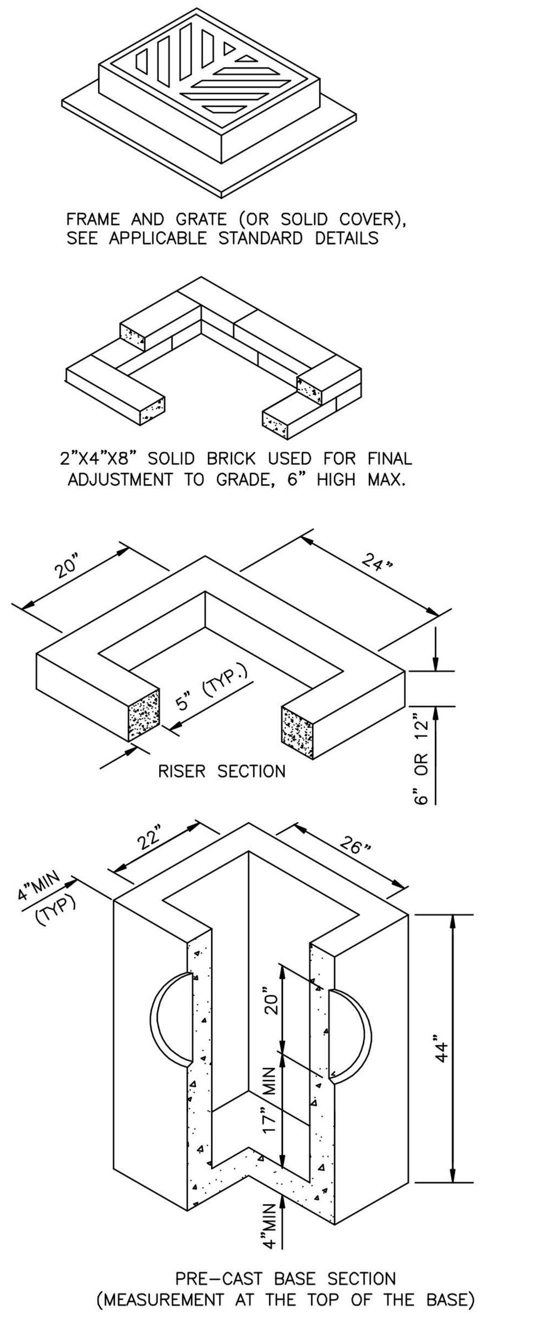
DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

UTILITY DETAILS

C4.10

NTS
Not Used 1

NTS
Not Used 2

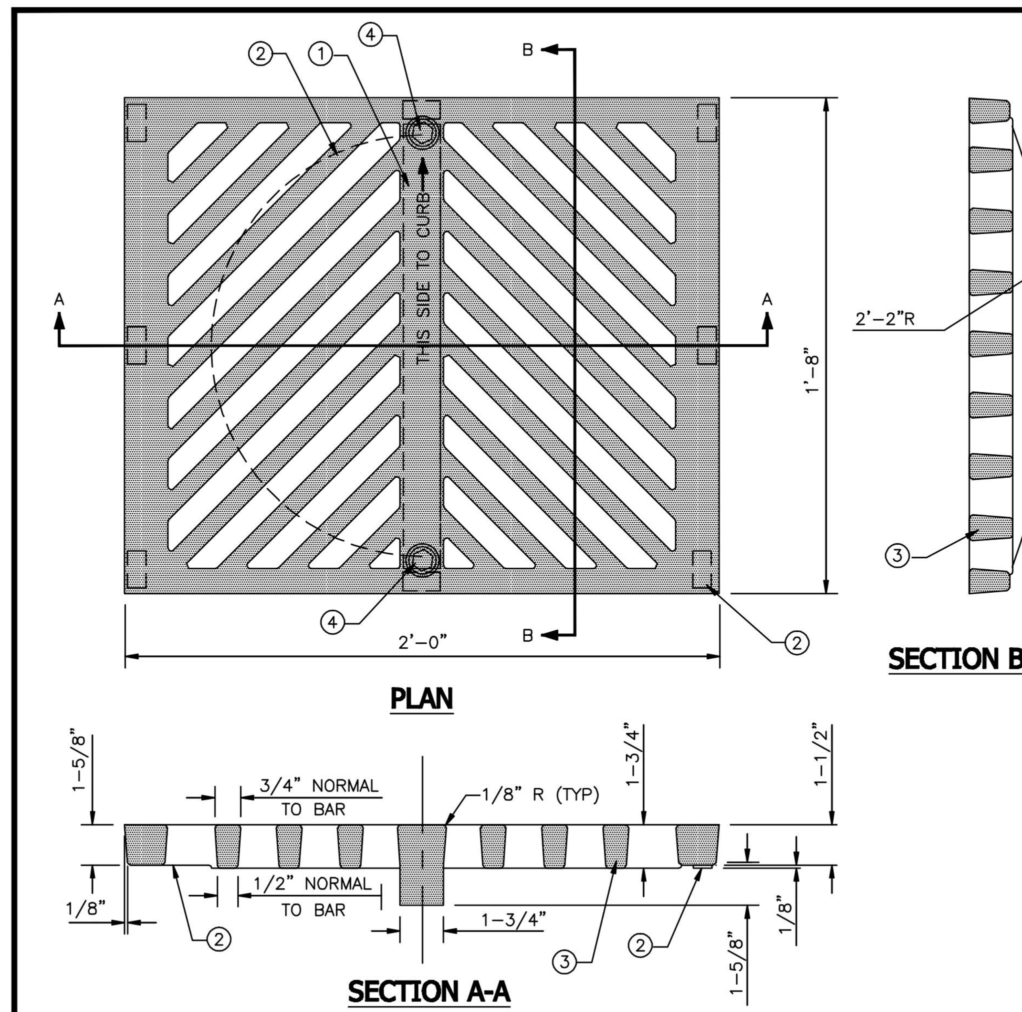


NOTES:

1. CONCRETE INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 & C890 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE STANDARD SPECIFICATIONS. ALL CONCRETE SHALL BE CLASS 4000.
2. REINFORCING SHALL BE EQUIVALENT TO WELDED WIRE FABRIC (WWF) HAVING A MINIMUM AREA OF 0.12 SQUARE INCH PER FOOT. WWF SHALL COMPLY TO ASTM A497. WWF SHALL NOT BE PLACED IN KNOCKOUTS.
3. THE BOTTOM OF THE PRE-CAST BASE SECTION MAY BE ROUNDED.
4. PRE-CAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTSIDE DIAMETER PLUS CATCH BASIN WALL THICKNESS. KNOCKOUTS MAY BE ROUND OR "D" SHAPED AND MAY BE ON ALL 4 SIDES WITH MAXIMUM DIAMETER OF 20".
6. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
7. THE TAPER ON THE SIDES OF THE PRE-CAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2" PER FOOT.
8. FRAME AND GRATE SHALL BE IN ACCORDANCE WITH WSDOT/APWA SPECIFICATIONS. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
9. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
10. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.

CITY OF ARLINGTON	APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL	STANDARD DETAIL NUMBER
	DATE	07/31/2008		
	REF STAN SPEC		CATCH BASIN TYPE 1	SD-020

NTS
Catch Basin Type I 3



NOTES:

(1) FOUNDRY NAME, THIS SIDE TO CURB W/ARROW AND (DI) FOR DUCTILE IRON SHALL BE EMBOSSED ON TOP OF GRATE WITH 1/16" RECESSED LETTERS.

(2) SEATING OF GRATE SHALL BE ACCOMPLISHED BY ONE OF THE FOLLOWING: A. 8 INTEGRALLY CAST PADS (1-1/2"x3/4"x1/8"). B. MACHINE BOTTOM SURFACE OUTSIDE A 17" DIA.

(3) MATERIAL USED SHALL BE DUCTILE IRON PER ASTM-A536, GRADE 80-55-06. ALL CASTINGS SHALL HAVE A BITUMINOUS COATING.

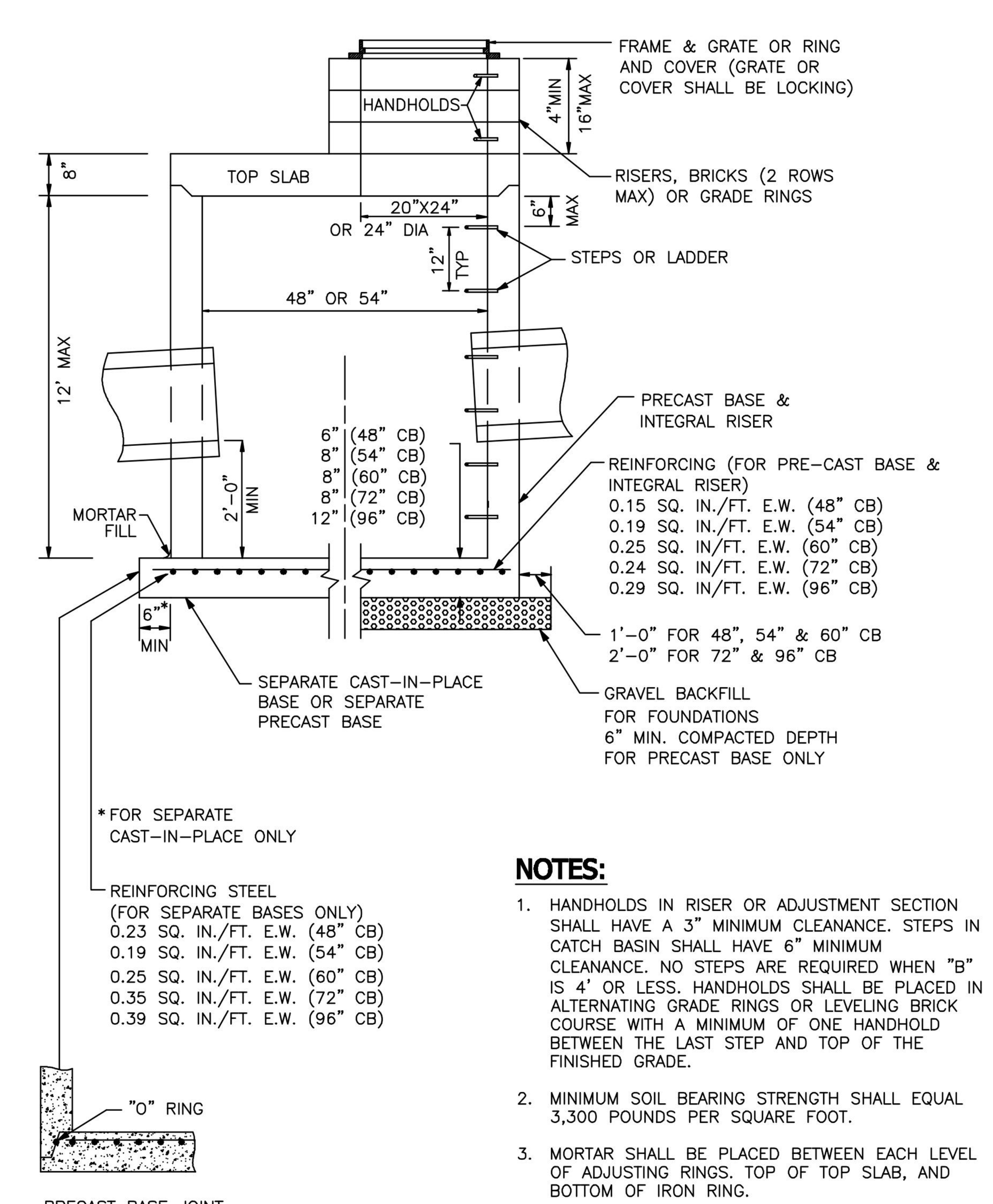
(4) LOCKING GRATE CASTED HOLES SHALL BE CASTED TO ALLOW FOR TWO 5/8" DIA STAINLESS STEEL SOCKET HEAD CAP SCREWS SO THAT NO PART OF HEAD PROTRUDES ABOVE TOP OF CASTING.

(5) GRATE TO BE USED WITH FRAME SHOWN IN STANDARD DETAIL SD-090.

CITY OF ARLINGTON	APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL	STANDARD DETAIL NUMBER
	DATE	07/31/2008		
	REF STAN SPEC		STANDARD GRATE CATCH BASIN INLET	SD-060

NTS
Standard Grate 4

NTS
Not Used 5

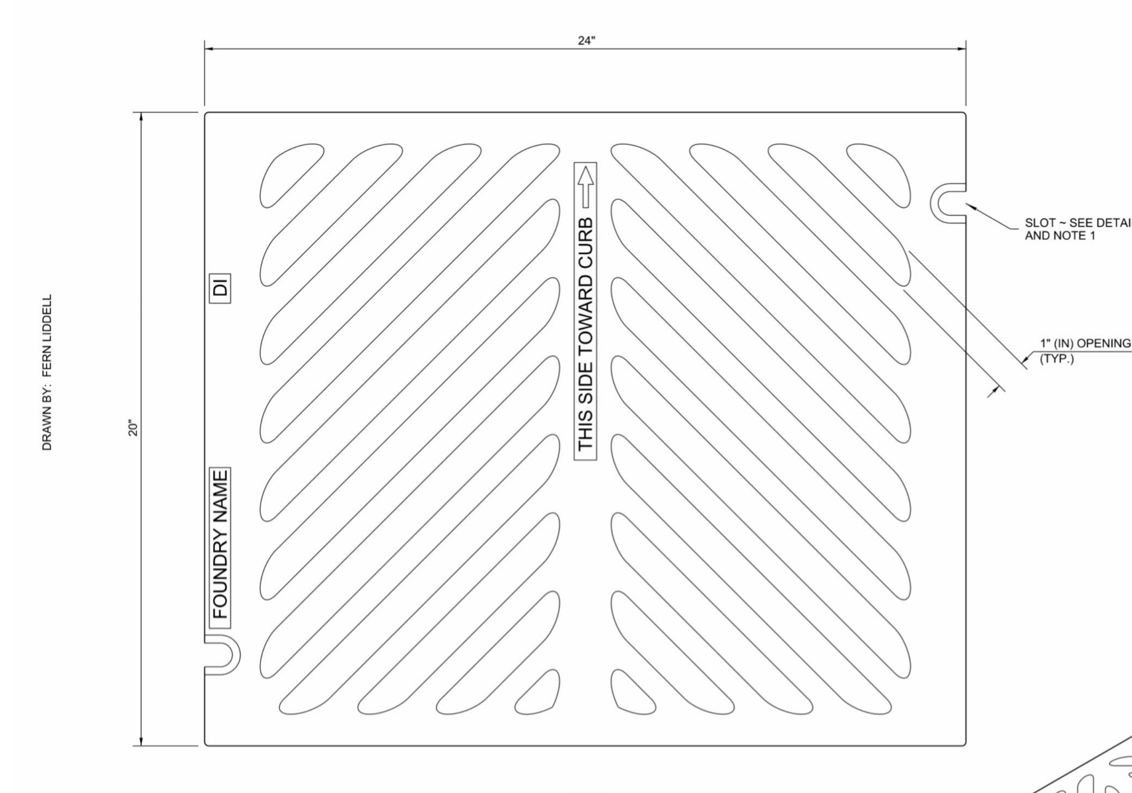


NOTES:

1. HANDHOLDS IN RISER OR ADJUSTMENT SECTION SHALL HAVE A 3" MINIMUM CLEANANCE. STEPS IN CATCH BASIN SHALL HAVE 6" MINIMUM CLEANANCE. NO STEPS ARE REQUIRED WHEN "B" IS 4' OR LESS. HANDHOLDS SHALL BE PLACED IN ALTERNATING GRADE RINGS OR LEVELING BRICK COURSE WITH A MINIMUM OF ONE HANDHOLD BETWEEN THE LAST STEP AND TOP OF THE FINISHED GRADE.
2. MINIMUM SOIL BEARING STRENGTH SHALL EQUAL 3,300 POUNDS PER SQUARE FOOT.
3. MORTAR SHALL BE PLACED BETWEEN EACH LEVEL OF ADJUSTING RINGS. TOP OF TOP SLAB, AND BOTTOM OF IRON RING.
4. SEE THE STANDARD SPECIFICATIONS FOR MORE REQUIREMENTS.

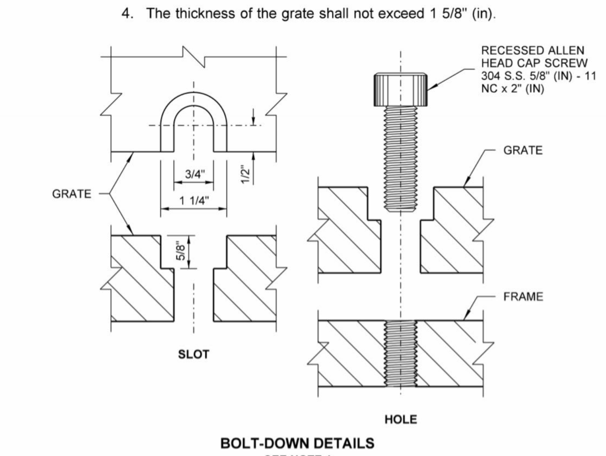
CITY OF ARLINGTON	APPROVED BY	L. OLIVE	DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL	STANDARD DETAIL NUMBER
	DATE	07/31/2008		
	REF STAN SPEC		CATCH BASIN TYPE 2 48", 54", 60", 72" & 96"	SD-040

NTS
Catch Basin type II 6

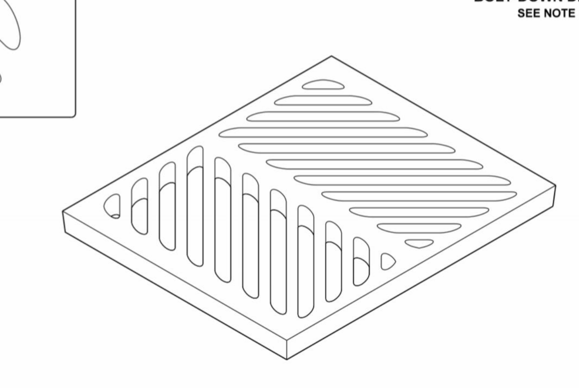


NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) - 11 NC × 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. Refer to **Standard Specification section 9-05.15,** and **9-05.15(2)** for additional requirements.
3. For frame details, see **Standard Plan B-30.10**.
4. The thickness of the grate shall not exceed 1 5/8" (in).



BOLT-DOWN DETAILS
SEE NOTE 1



ISOMETRIC

JULIE HEILMAN
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

RECTANGULAR HERRINGBONE GRATE
STANDARD PLAN B-30.50-03
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Washington State Department of Transportation

NTS
Herringbone Grate 7

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ______________________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

WEISMAN**DESIGN**GROUP
LANDSCAPE ARCHITECTURE

JERALD A. JACOBSON
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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CIVIL:
JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	

100% DD 08/25/23

STORM DRAINAGE DETAILS

C4.11

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.

Call before you Dig. 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)
811

0 15 30 60
SCALE 1"=30'

WEISMANDESIGNGROUP

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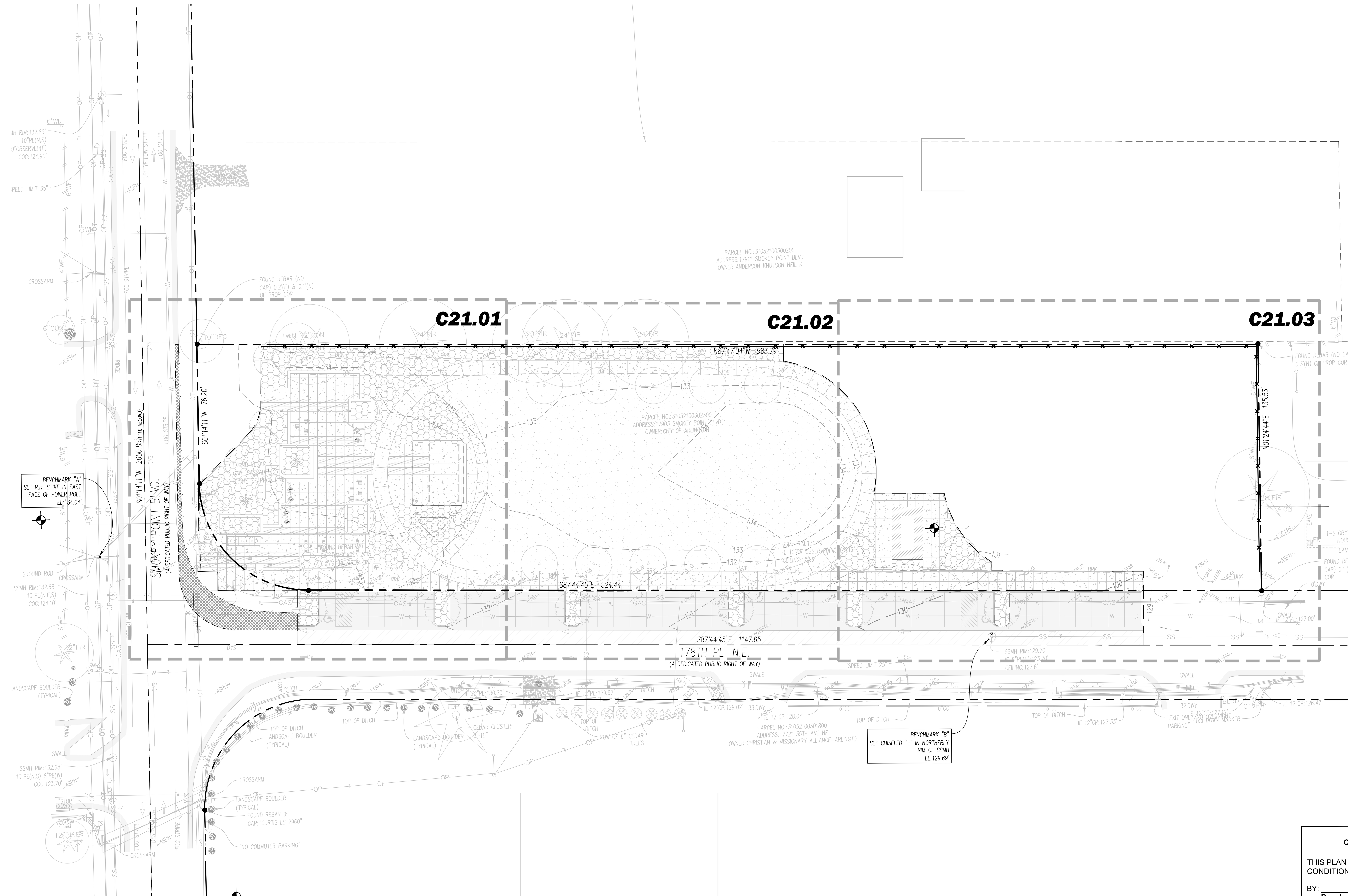

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
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100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

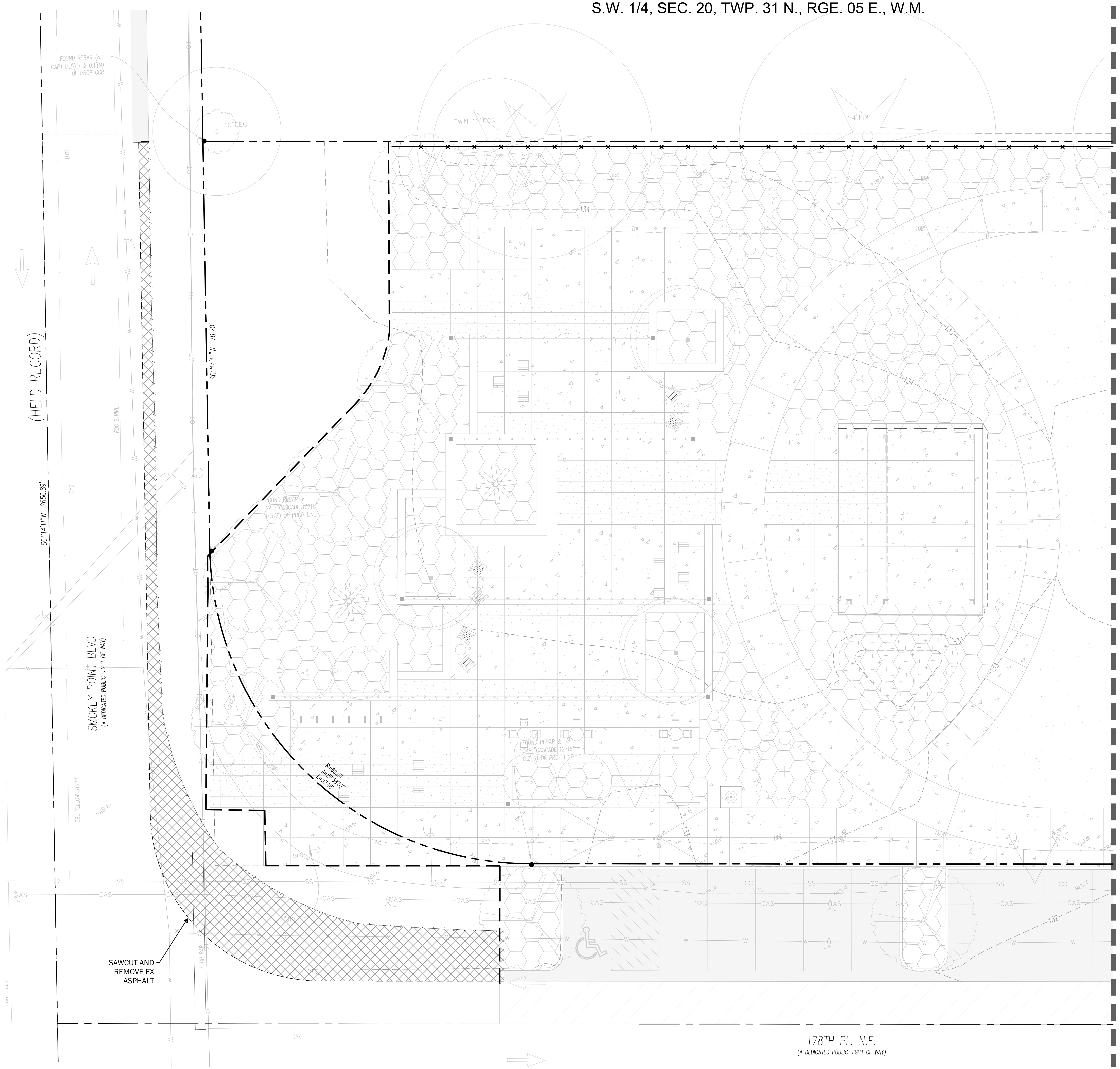
THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

BY: ____________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

OVERALL DEMOLITION PLAN PHASE 2

C21.00



MATCHLINE - SEE SHEET C21.02

SCALE 1"=10'

Call before you Dig. 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)

LEGEND

- PROPERTY LINE — N 79°33'06" E – 46.81'
- SAWCUT LINE
- REMOVE CURBING
- REMOVE ASPHALT PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE TREE(S)

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON — STATE OF WASHINGTON — 43667 — REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

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DEMOLITION PLAN PHASE 2

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

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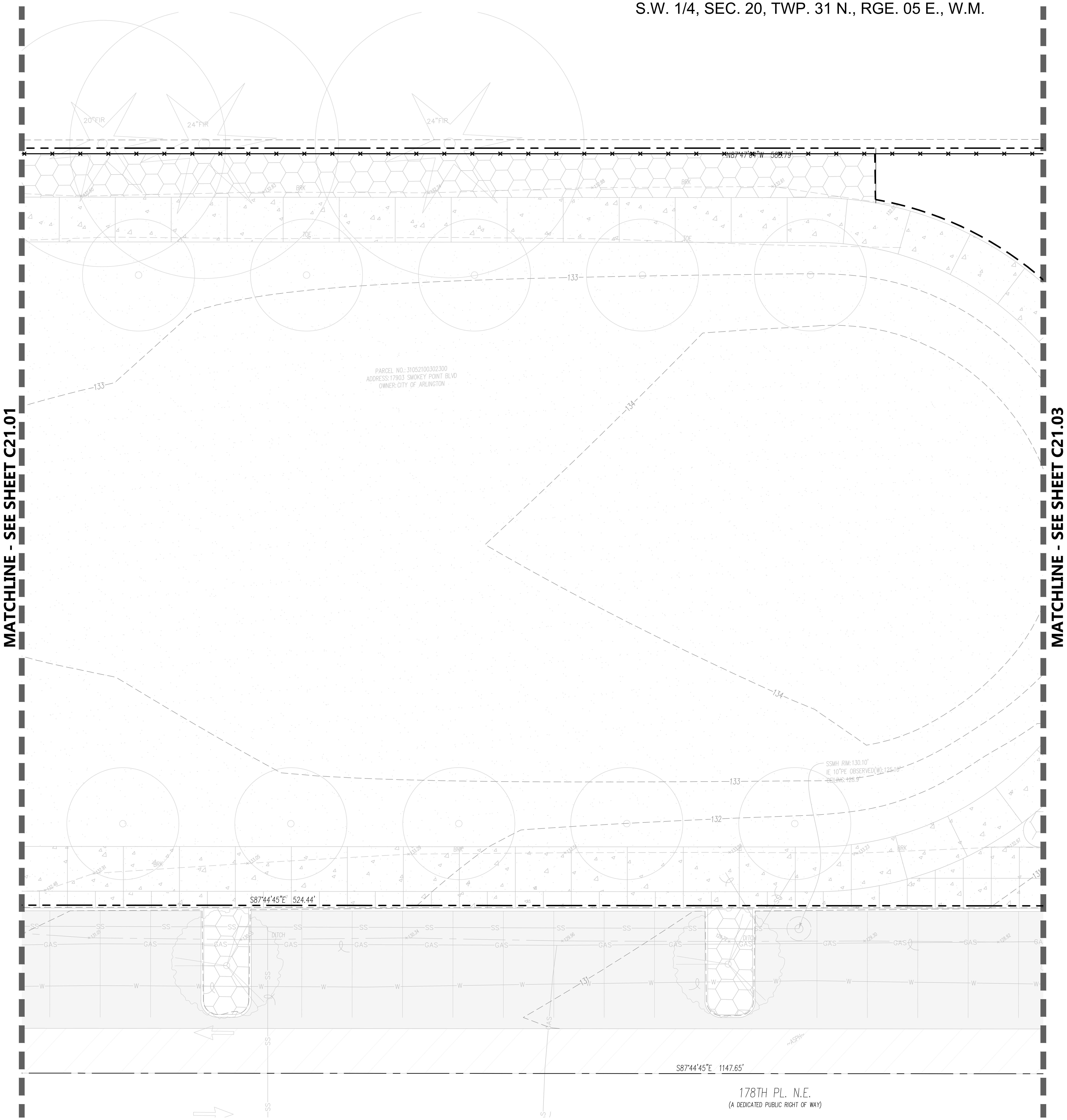
BY: ______________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
SAWCUT LINE	
REMOVE CURBING	
REMOVE ASPHALT PAVEMENT	
REMOVE CONCRETE PAVEMENT	
REMOVE TREE(S)	

WEISMANDESIGNGROUP
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JERALD A. JACOBSON
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43667
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ELECTRICAL:
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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
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REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

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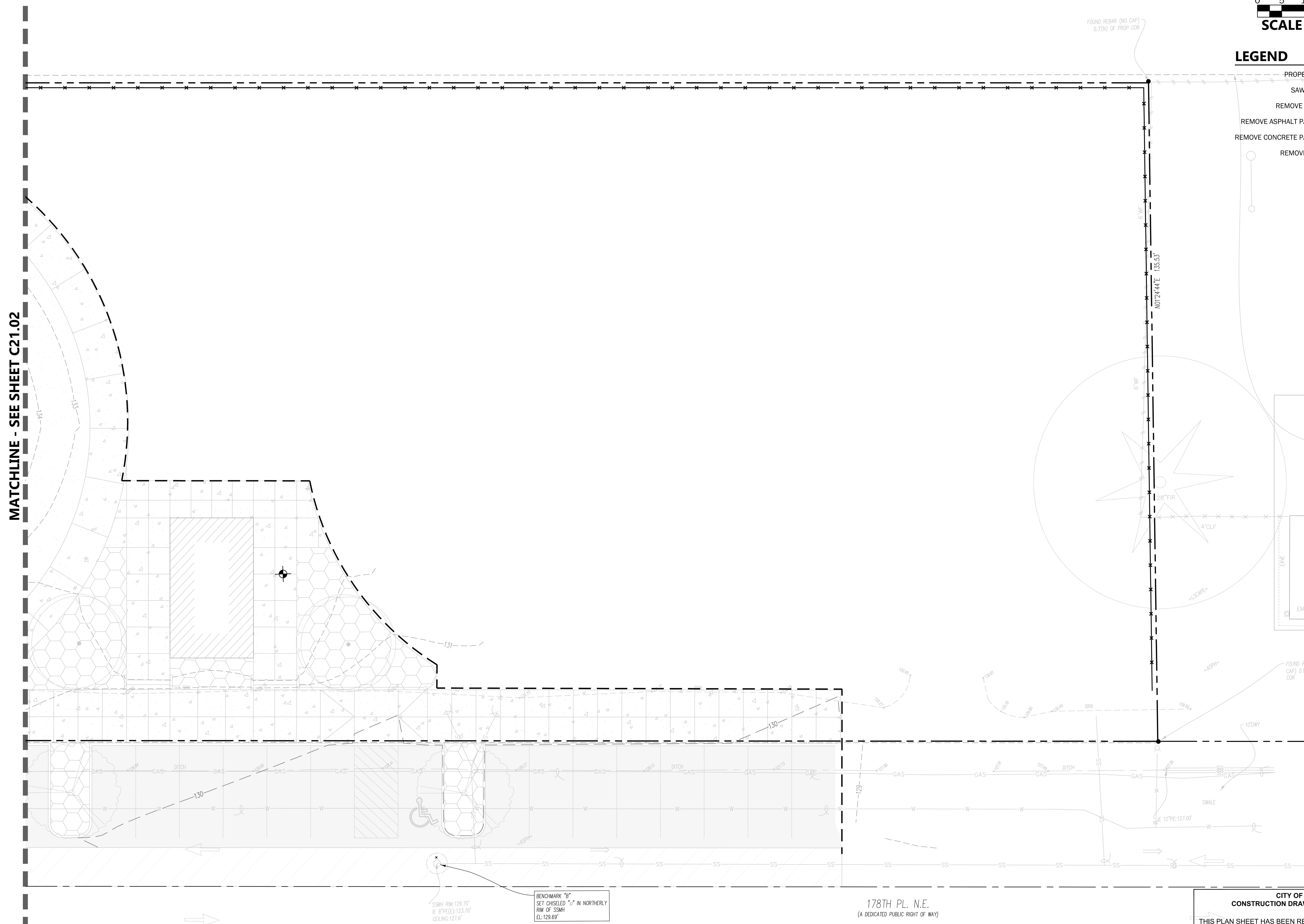
DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

DEMOLITION PLAN PHASE 2

C21.02

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you
Dig. 8-1-1
or 1-800-424-5555
UNDERGROUND
SERVICE (USA)

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
SAWCUT LINE	
REMOVE CURBING	
REMOVE ASPHALT PAVEMENT	
REMOVE CONCRETE PAVEMENT	
REMOVE TREE(S)	

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

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100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

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BY: ______________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

DEMOLITION PLAN PHASE 2

C21.03

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.

0 15 30 60
SCALE 1"=30'

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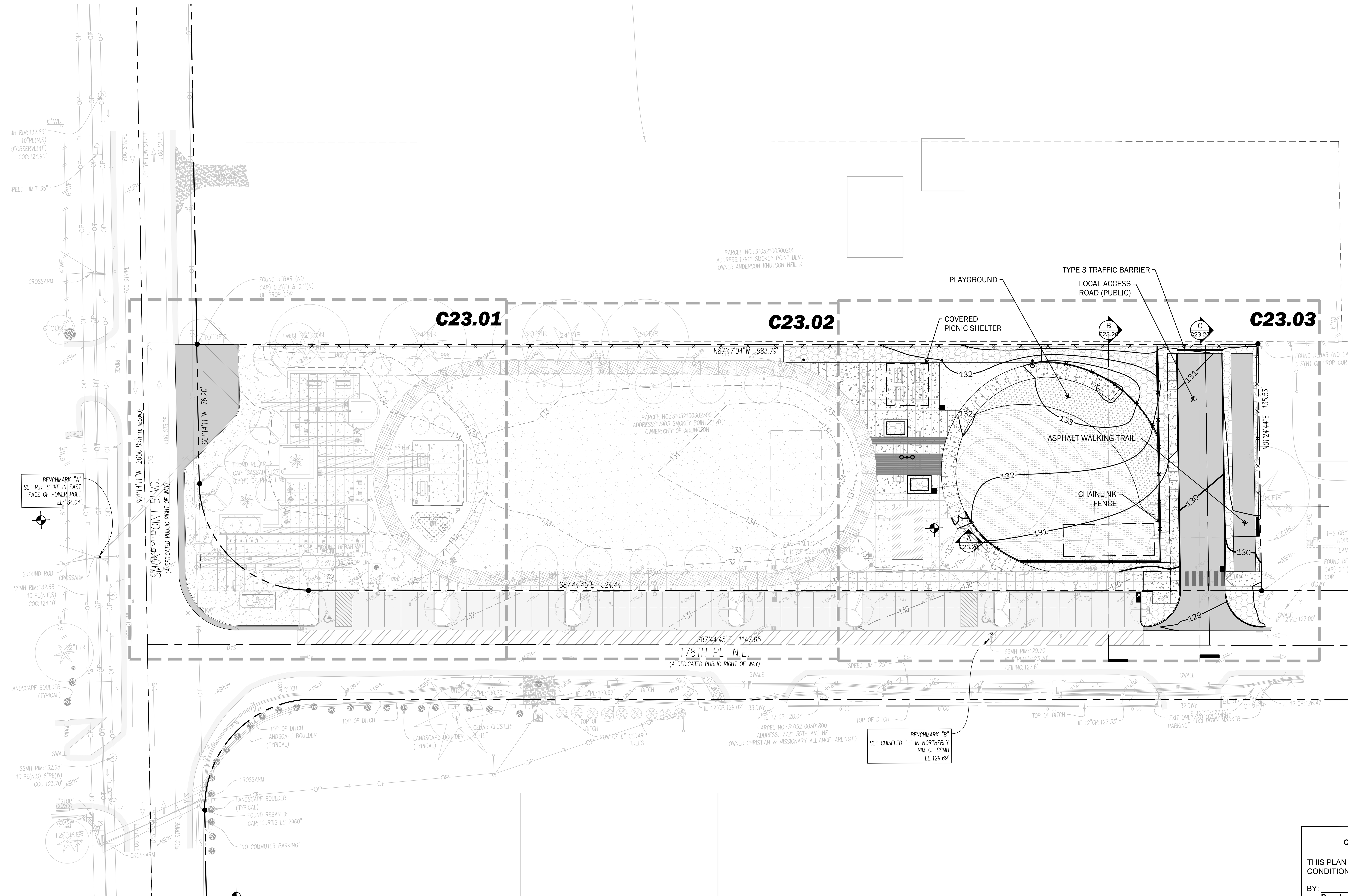
or 1-800-424-5555
UNDERGROUND SERVICE (USA)
811



WEISMANDESIGNGROUP

JERALD A. JACOBSON, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

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REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

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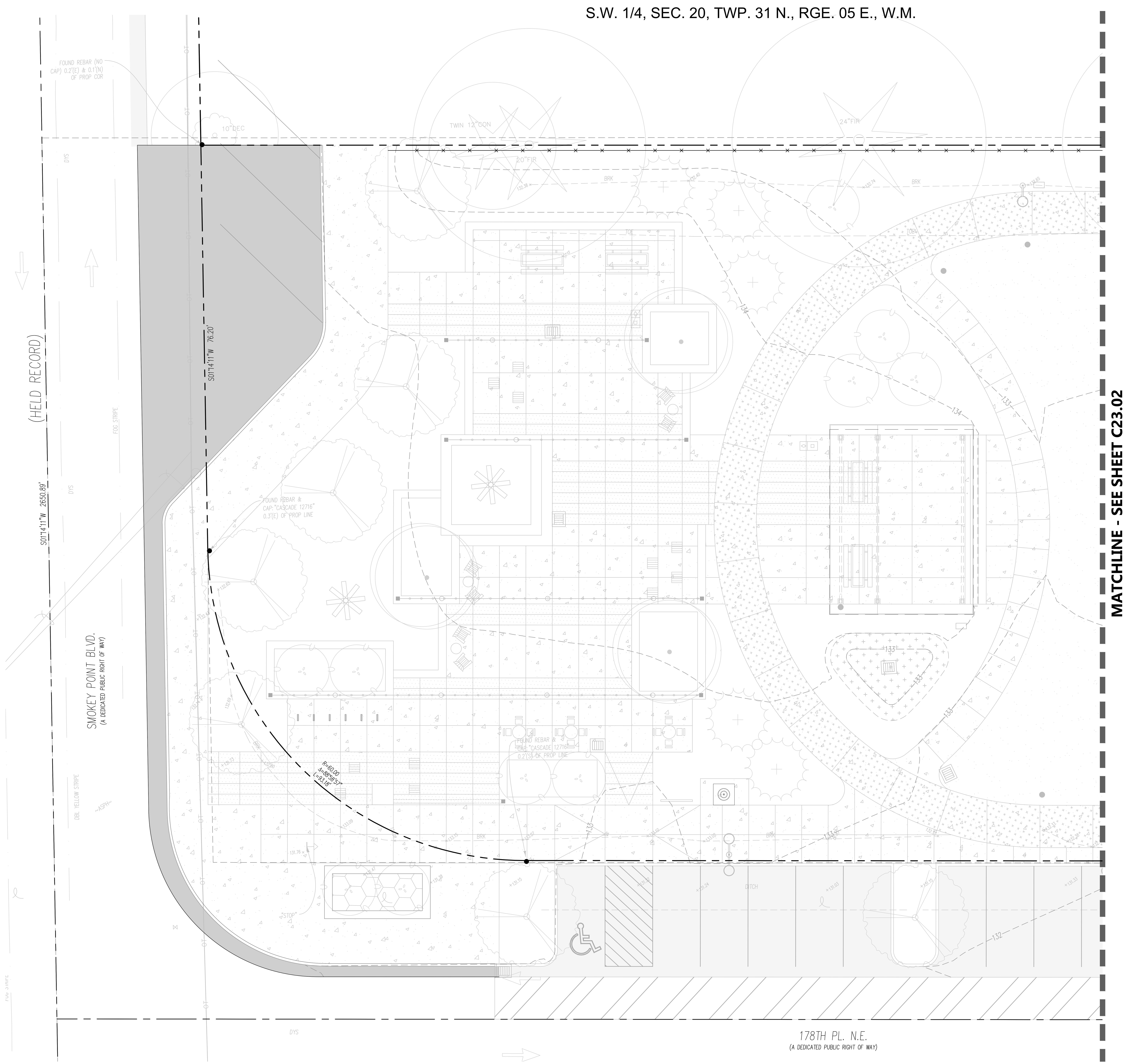
BY:
Development Services Manager

DATE: ________________ THIS APPROVAL VALID FOR 18 MONTHS

OVERALL GRADING & PAVING PLAN PHASE 2

C23.00



Call before you Dig. 8-1-1 or 1-800-424-5555 UNDERGROUND SERVICE (USA)

SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E – 46.81'
CONTOUR (INDEX)	110
CONTOUR	109
SPOT ELEVATION	109.36; TC 109.86 BC 109.36
GRADE BREAK	RIDGE; VALLEY
ASPHALT PAVEMENT	
ASPHALT OVERLAY	
CONCRETE PAVEMENT	
SPECIALTY CONCRETE PAVEMENT	
CONCRETE CURB	

WEISMANDESIGNGROUP
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JACOBSON CONSULTING ENGINEERS:
(206) 426-2600
ELECTRICAL:
TBD

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/23
DRAWN/CHECKED	DJD / JAJ
REVISIONS:	
100% DD	08/25/23

CITY OF ARLINGTON
CONSTRUCTION DRAWING REVIEW APPROVAL

THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET

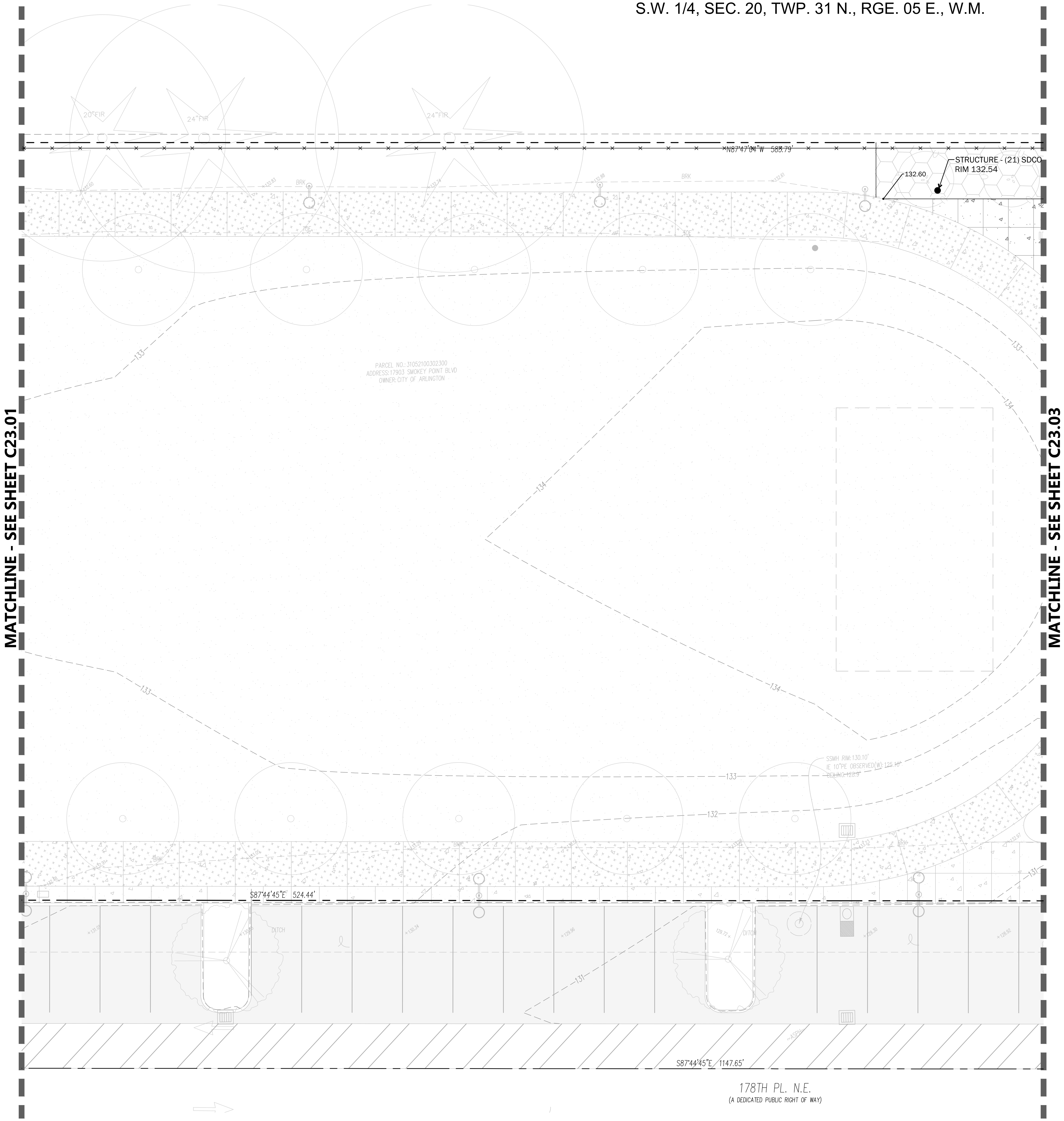
BY: ____________________
Development Services Manager

DATE: ______________ THIS APPROVAL VALID FOR 18 MONTHS

GRADING & PAVING PLAN PHASE 2

C23.01

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



Call before you Dig 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)

0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E - 46.81'
CONTOUR (INDEX)	110
CONTOUR	109
SPOT ELEVATION	109.36; TC 109.86, BC 109.36
GRADE BREAK	RIDGE / VALLEY
ASPHALT PAVEMENT	
ASPHALT OVERLAY	
CONCRETE PAVEMENT	
SPECIALTY CONCRETE PAVEMENT	
CONCRETE CURB	

CITY OF ARLINGTON
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WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
STATE OF WASHINGTON
43667
REGISTERED PROFESSIONAL ENGINEER
NOT FOR CONSTRUCTION
08/25/23

PROJECT MANAGEMENT:
ROCK PROJECT MANAGEMENT
(425) 572-6878
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ARCHITECTURE:
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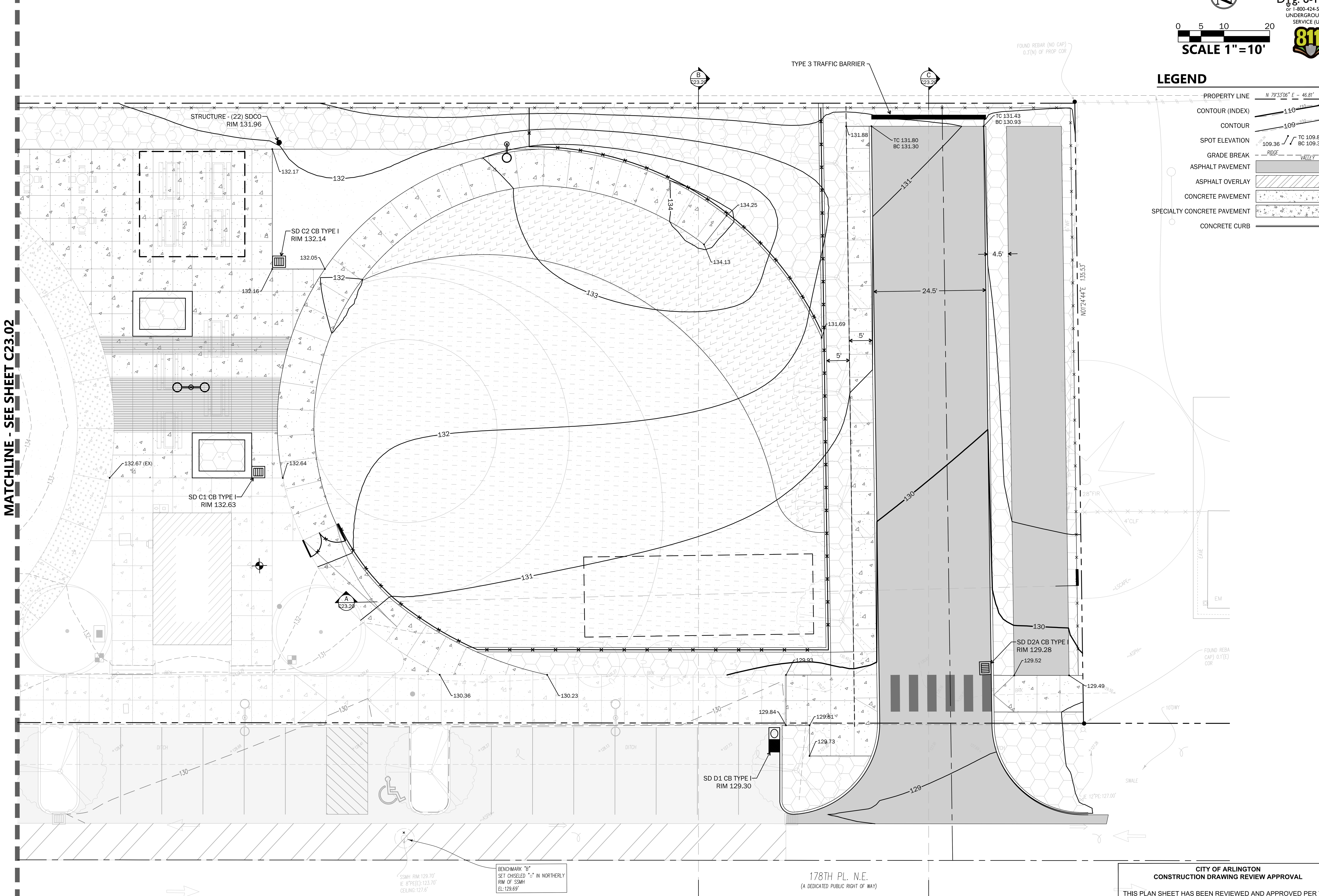
GRADING & PAVING PLAN PHASE 2

C23.02

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



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WEISMANDESIGNGROUP

NOT FOR CONSTRUCTION

JERALD A. JACOBSON, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

08/25/23

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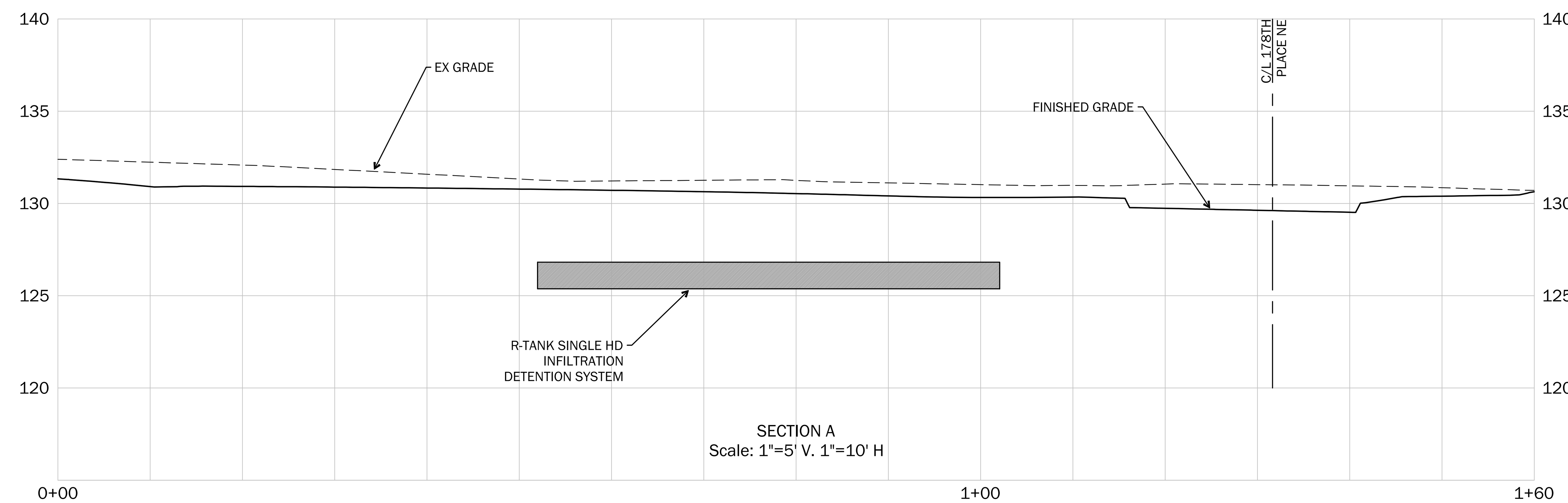
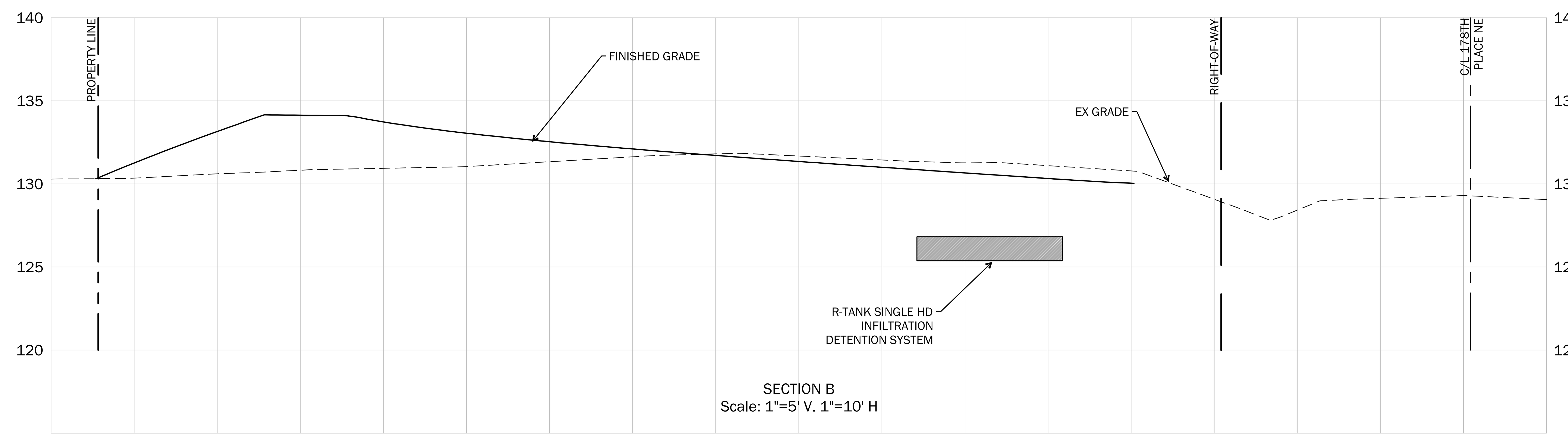
GRADING & PAVING PLAN PHASE 2

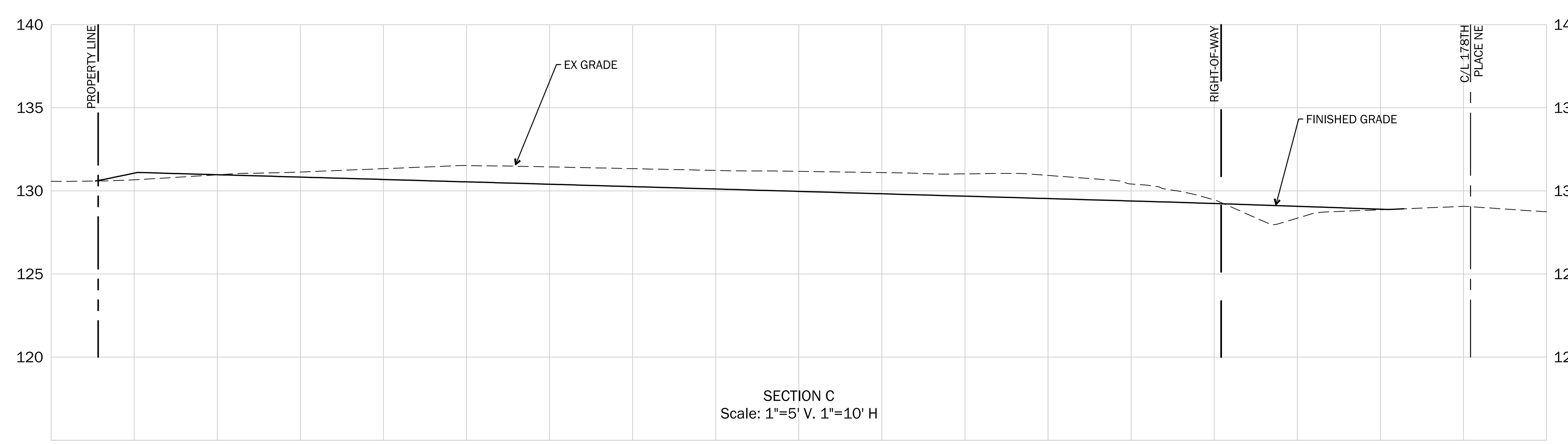
C23.03



SECTION A
Scale: 1"=5' V. 1"=10' H



SECTION B
Scale: 1"=5' V. 1"=10' H



SECTION C
Scale: 1"=5' V. 1"=10' H

CITY OF ARLINGTON
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WEISMAN**DESIGN**GROUP

NOT FOR CONSTRUCTION

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SITE SECTIONS PHASE 2

C23.20

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Call before you Dig 8-1-1
or 1-800-424-5555
UNDERGROUND SERVICE (USA)
811

0 15 30 60
SCALE 1"=30'

WEISMANDESIGNGROUP

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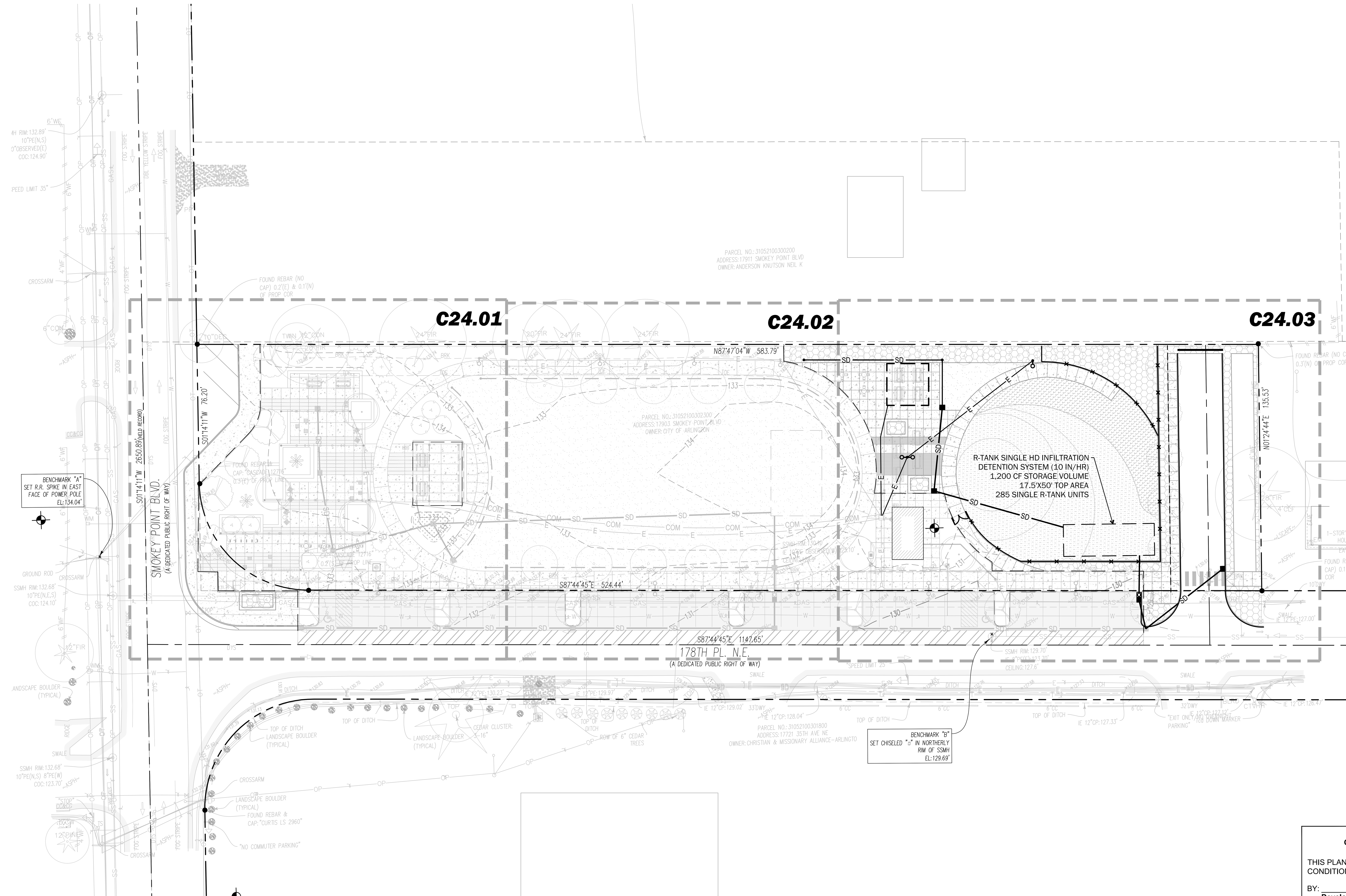

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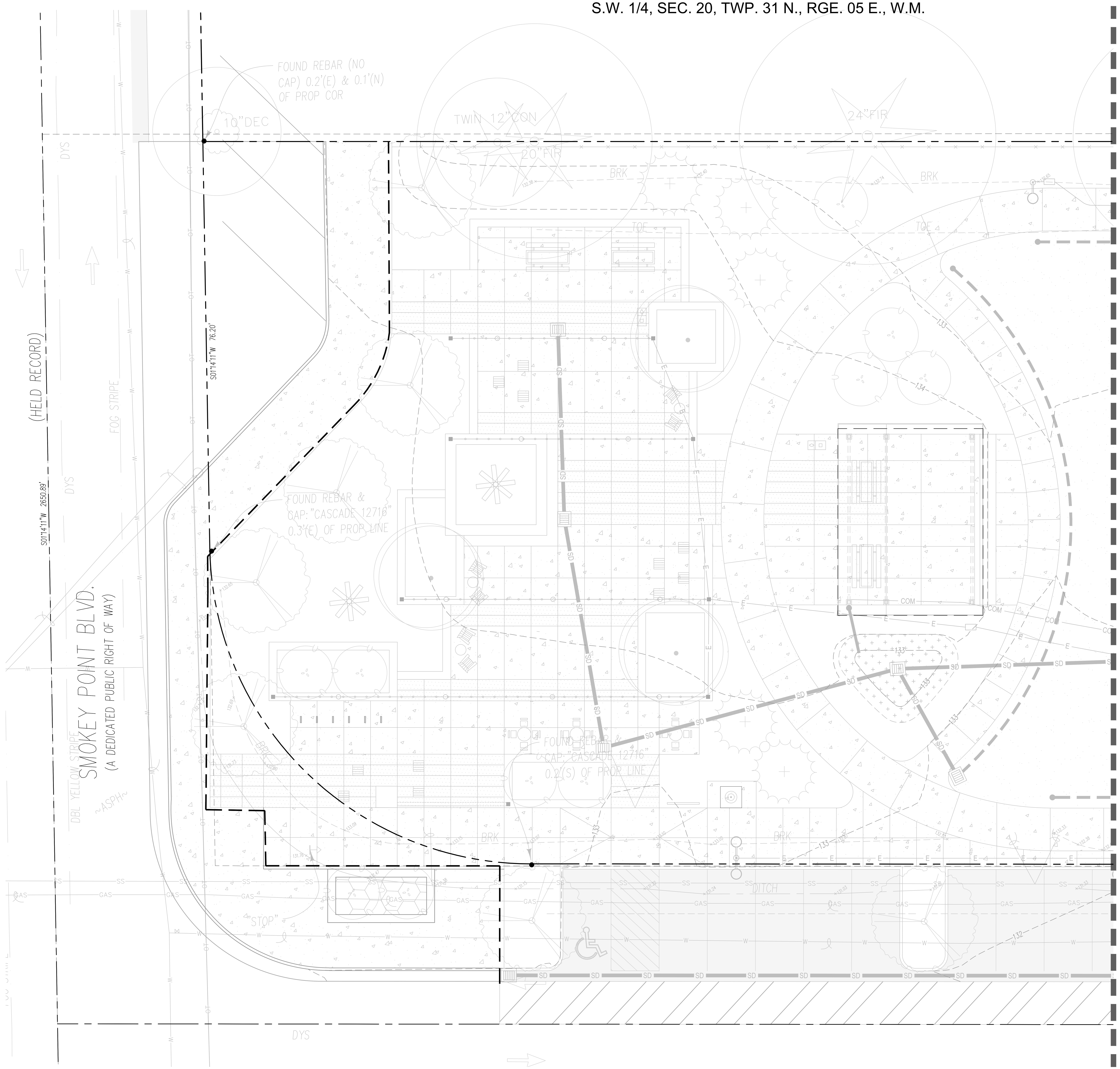
OVERALL STORM DRAINAGE & UTILITY PLAN PHASE 2

C24.00

S.W. 1/4, SEC. 20, TWP. 31 N., RGE. 05 E., W.M.



0 5 10 20
SCALE 1"=10'

LEGEND

PROPERTY LINE	N 79°33'06" E - 46.81'
STORM DRAINAGE PIPE	SD
FRENCH DRAIN	
YD/CO/CB/CB 2/MH	
SANITARY SEWER	SS
SANITARY MH/CO	
WATER MAIN	W
FH/FDC/PIV/VALVE	FH FDC PIV WV
WATER VAULT/METER	
DETENTION VAULT	
ELECTRICAL	E
COMM	COM
LIGHT FIXTURES	

WEISMANDESIGNGROUP
LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

JERALD A. JACOBSON
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43667
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STORM DRAINAGE & UTILITY PLAN PHASE 2

C24.01

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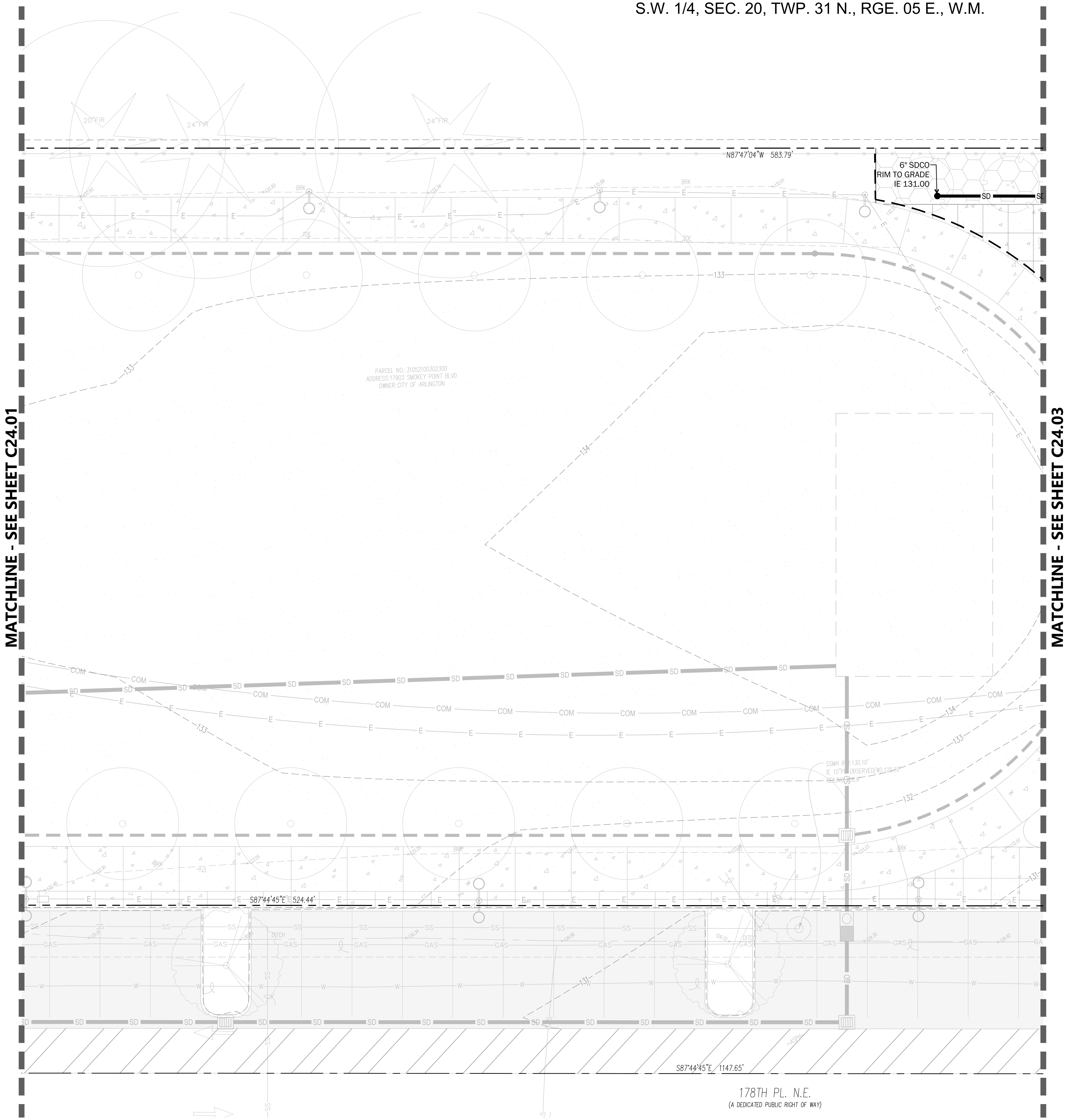

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0 5 10 20

SCALE 1"=10'

LEGEND

PROPERTY LINE
STORM DRAINAGE PIPE
FRENCH DRAIN
YD/CO/CB/CB 2/MH
SANITARY SEWER
SANITARY MH/CO
WATER MAIN
FH/FDC/PIV/VALVE — FH FDC PIV WV
WATER VAULT/METER
DETENTION VAULT
ELECTRICAL
COMM
LIGHT FIXTURES

WEISMAN**DESIGN**GROUP
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STORM DRAINAGE & UTILITY PLAN PHASE 2

C24.02

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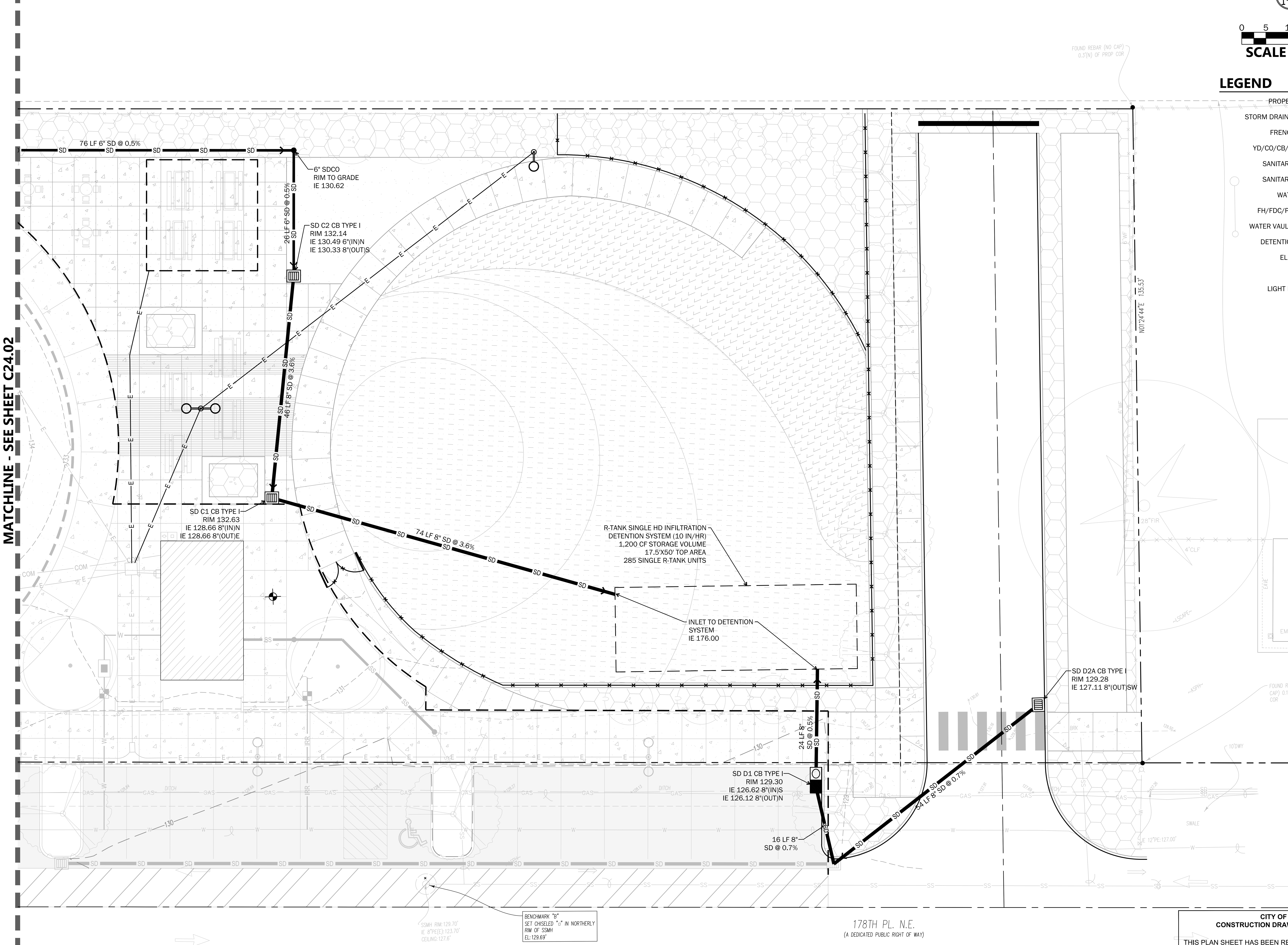

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SCALE 1"=10'

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SERVICE (USA)

LEGEND

PROPERTY LINE	N 79°33'06" E - 46.81'
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YD/CO/CB/CB 2/MH	
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COMM	COM
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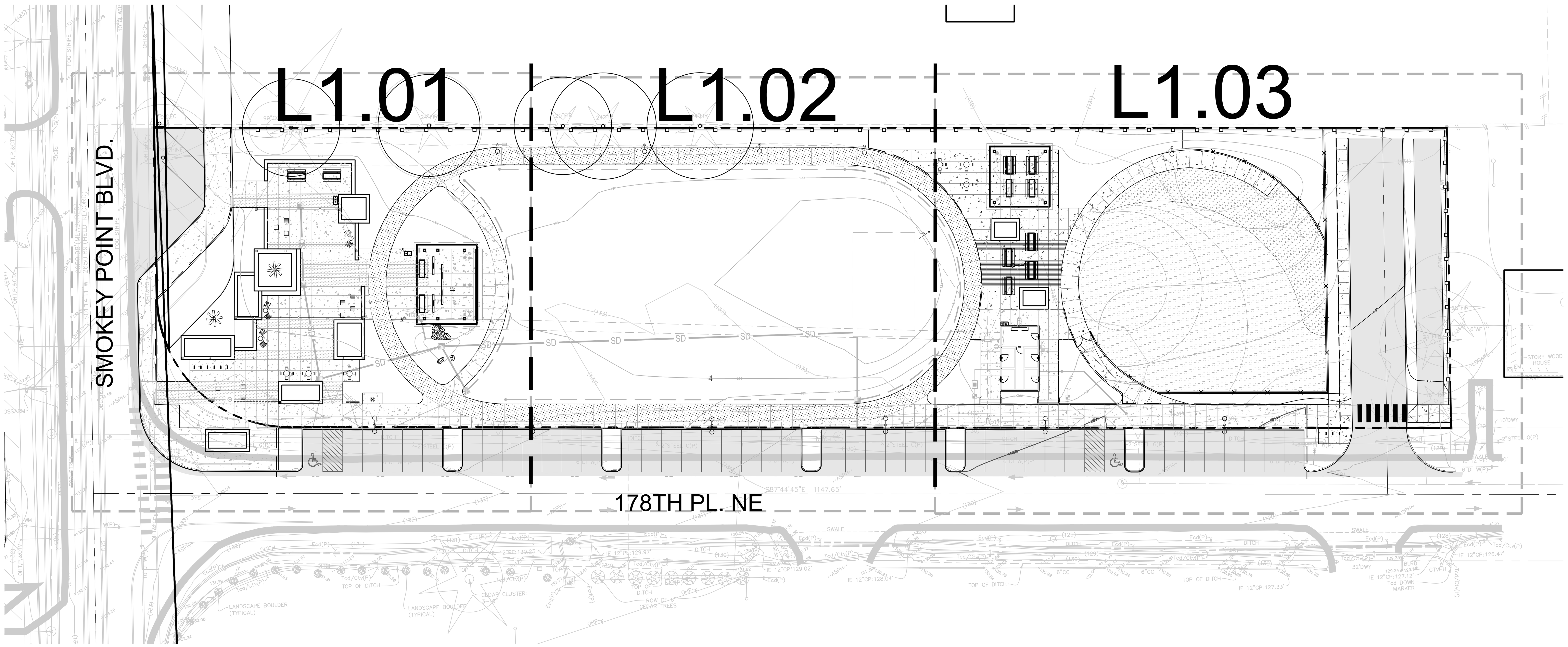
STORM DRAINAGE & UTILITY PLAN PHASE 2

C24.03



SITE IMPROVEMENTS LEGEND (Symbols shown at 1" = 10'-0")

SYMBOL	ITEM
	SCORE JOINT CONCRETE PAVING EXPANSION JOINT
	SPECIALTY CONCRETE PAVING, TYPE 2
	SPECIALTY CONCRETE PAVING, TYPE 2
	ASPHALT PAVING
	RIVER ROCK COBBLE
	SYNTHETIC TURF
	RUBBERIZED SAFETY SURFACING
	WOOD PRIVACY FENCE, 6' HT.
	CHAIN LINK FENCE, 4' HT., BLACK VINYL-COATED
	PICNIC TABLES, TYPE 1 AND 2
	SITE FURNISHINGS
	BIKE RACK
	LANDSCAPE BOULDERS
PA	PLANTING AREA, SEE PLANTING PLAN & SOILS PLAN
LAWN	LAWN. SEE PLANTING PLAN & SOILS PLAN

GENERAL NOTES

1. DO NOT SCALE DRAWINGS.
2. REFER TO CIVIL DRAWINGS FOR GRADING, UTILITY AND ADDITIONAL LAYOUT INFORMATION.
3. REFER TO ARCHITECTURAL FOR BUILDING GRID LAYOUT INFORMATION.
4. VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES BEFORE BEGINNING WORK.
5. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES FOUND IN PLANS OR DEVIATIONS FROM DOCUMENTED ON-SITE CONDITIONS. FAILURE TO NOTIFY THE ARCHITECT IN A TIMELY MANNER AS SPECIFIED SHALL RESULT IN CONTRACTOR TAKING RESPONSIBILITY FOR ANY AND ALL REMEDIAL MEASURES REQUIRED.
6. STRING DIMENSIONS OF SITE IMPROVEMENTS ARE FROM GRIDLINES, FACE OF BUILDING WALL, BACK OF CURB OR COORDINATE POINT AS SHOWN ON PLAN.
7. WHERE DIMENSIONS ARE IN FEET ONLY, CONTRACTOR IS TO ASSUME THEY ARE 0" (E.G. 12' = 12'-0").
8. MARK OR STAKE LOCATIONS OF FENCING, SITE WALLS, RAMPS, WALKS, ETC. FOR APPROVAL BY ARCHITECT, PER SPECIFICATIONS, PRIOR TO INSTALLATION.
9. FENCES OVER 6' HEIGHT WILL REQUIRE SEPARATE BUILDING PERMIT.

SCALE: 1"=30'-0"
0' 15' 30' 60' 120'

N

WEISMANDESIGNGROUP

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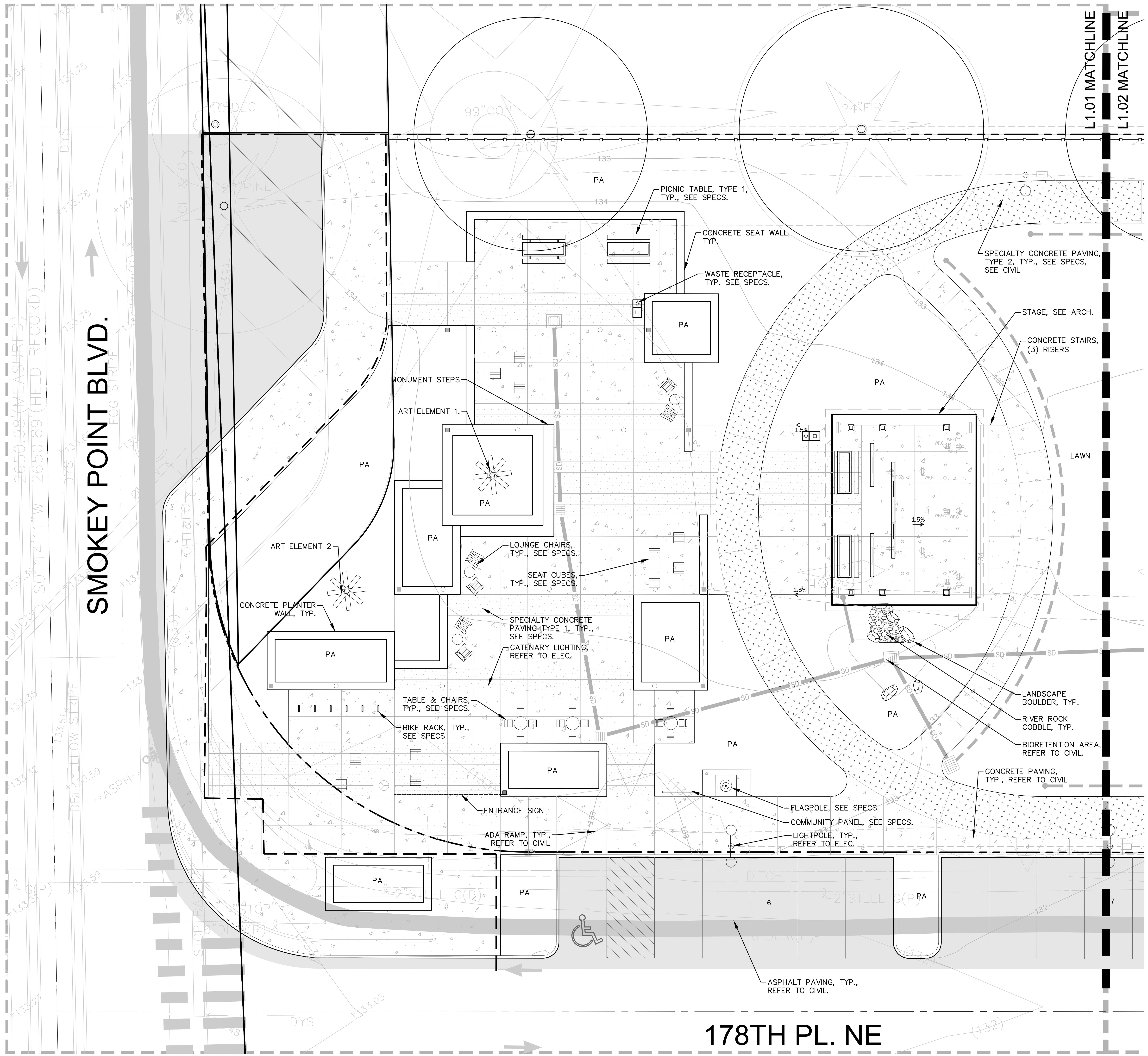
OVERALL SITE PLAN

L1.00



SCALE: 1"=10'-0"

0' 5' 10' 20' 40'

N

WEISMAN**DESIGN**GROUP

LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

STATE OF WASHINGTON · ANDREW J RASMUSSEN · NO. 739 EXP. 6/26/2023 · LANDSCAPE ARCHITECT

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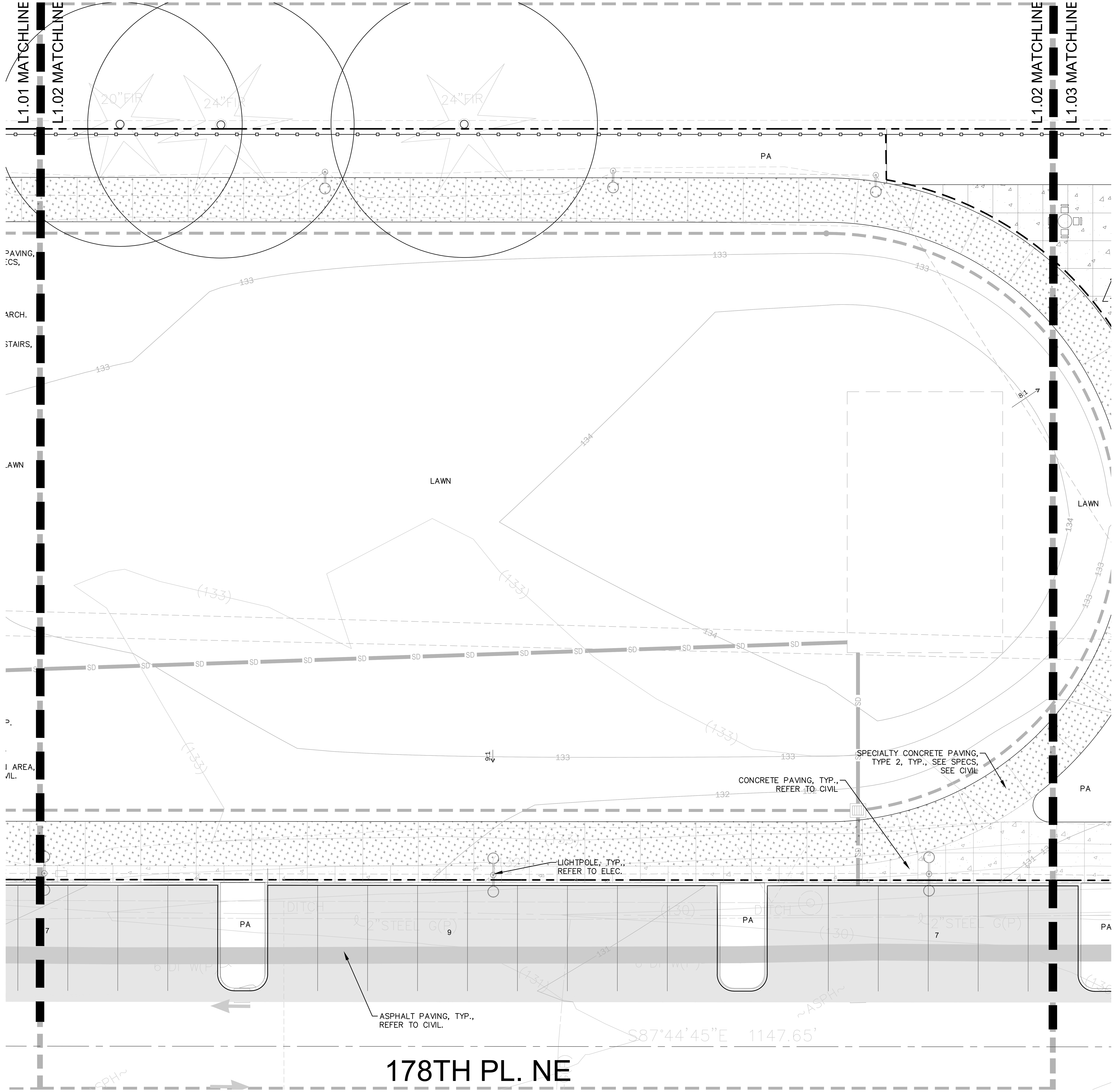
SITE PLAN ENLARGEMENT

L1.01



SCALE: 1"=10'-0"

0' 5' 10' 20' 40'

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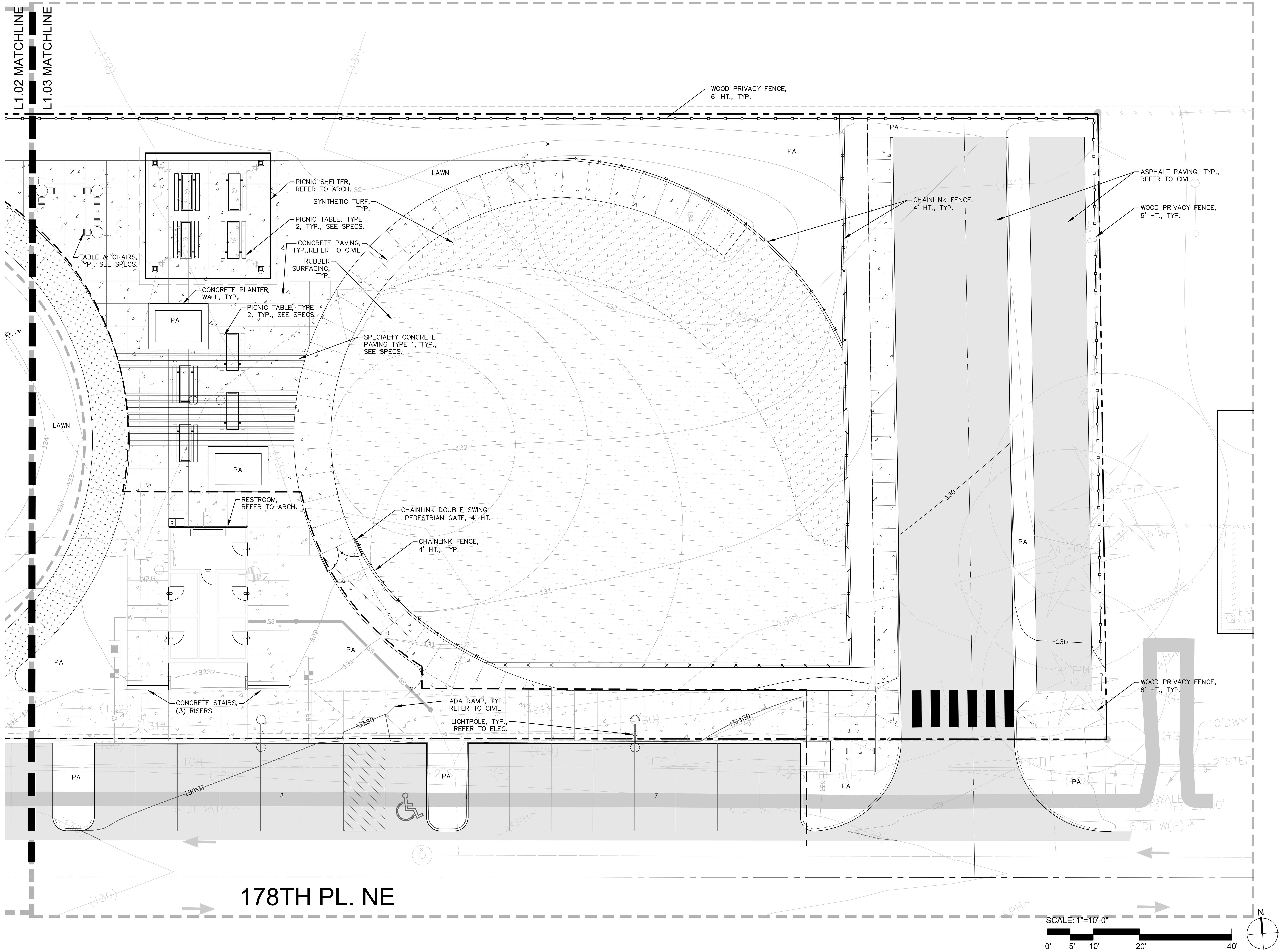
SITE PLAN ENLARGEMENT

L1.02



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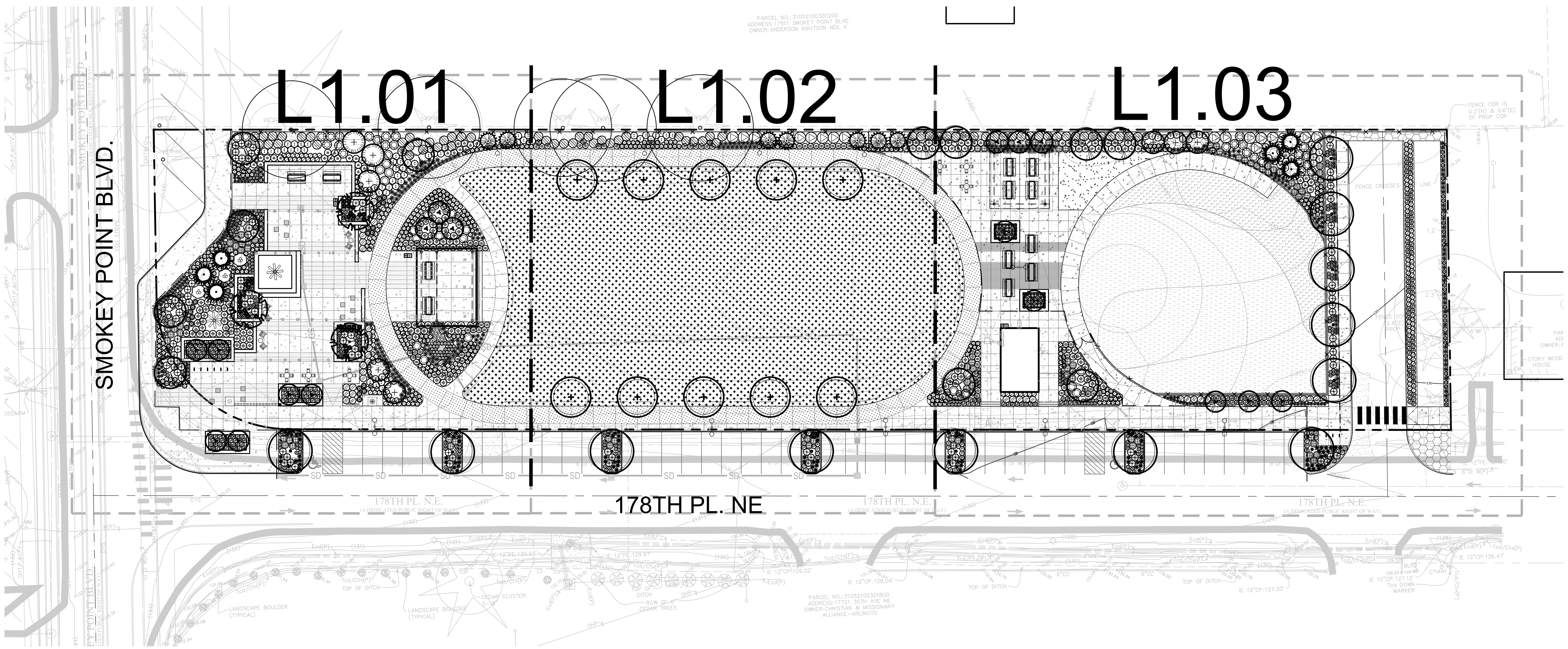
SITE PLAN ENLARGEMENT

L1.03



SCALE: 1"=30'-0"

0' 15' 30' 60' 120'

N

WEISMAN**DESIGN**GROUP

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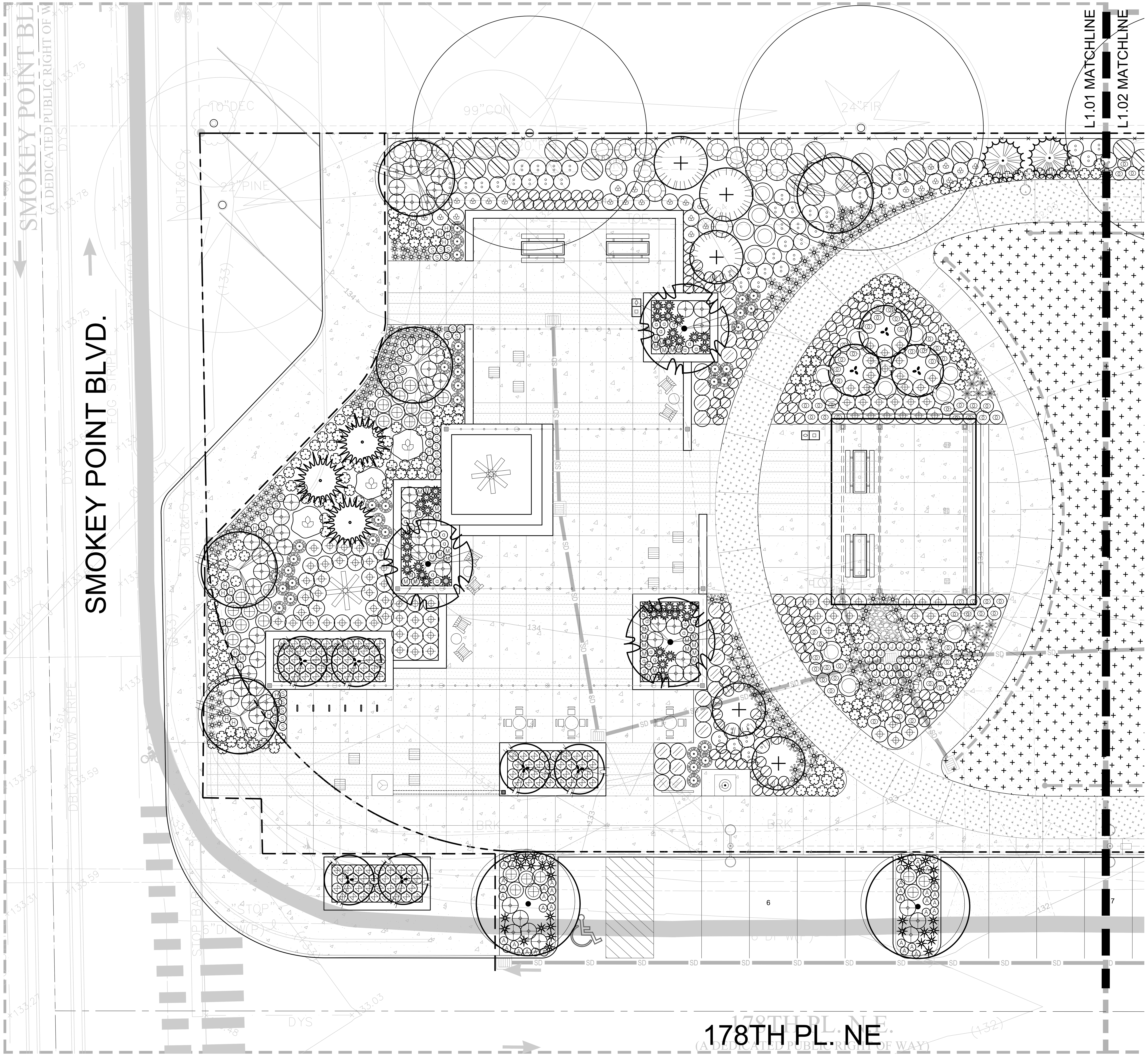
OVERALL PLANTING PLAN & NOTES

L2.00



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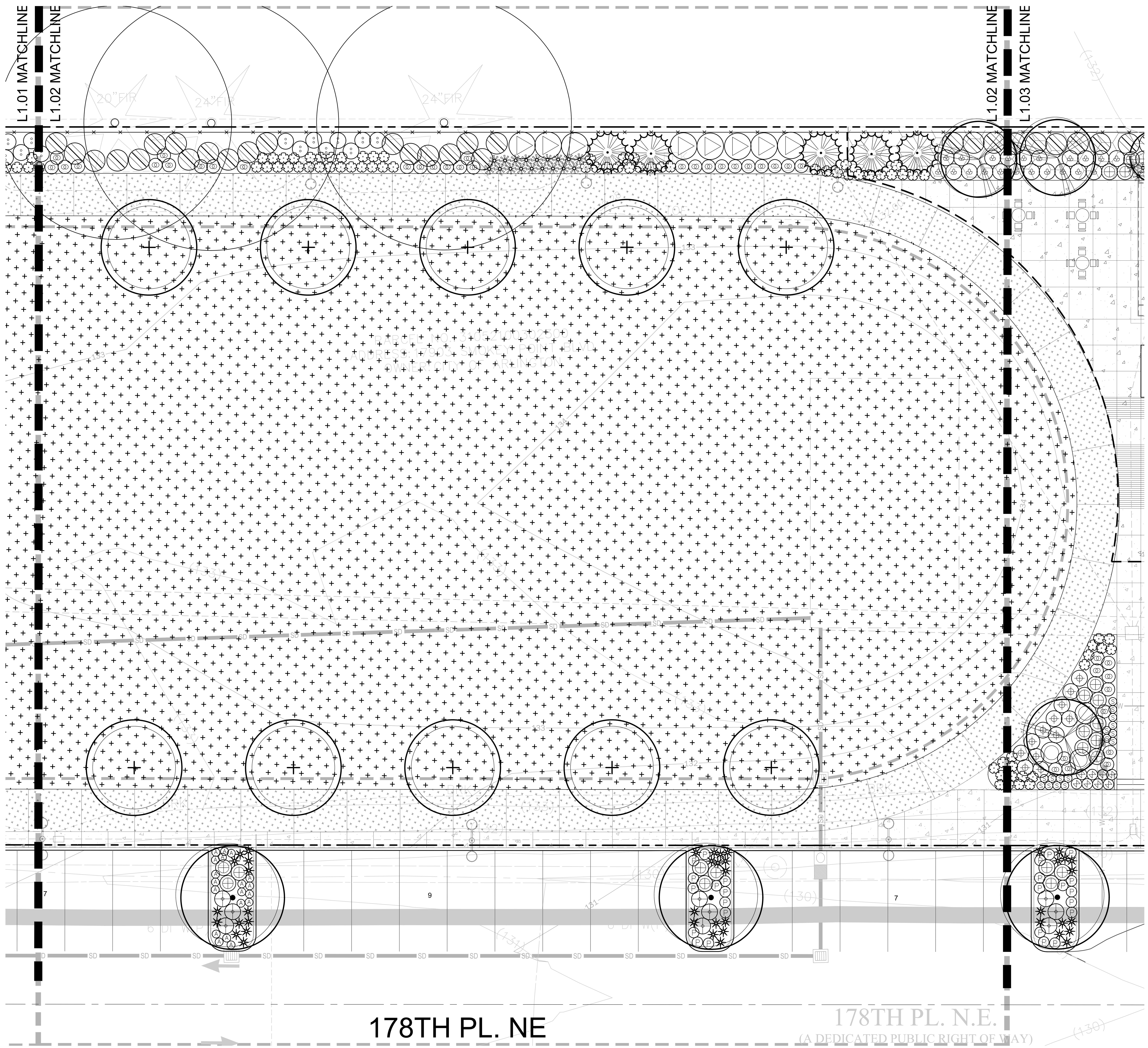
PLANTING PLAN ENLARGEMENT

L2.01



SCALE: 1"=10'-0"

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METRIX ENGINEERING
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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	06/08/2023
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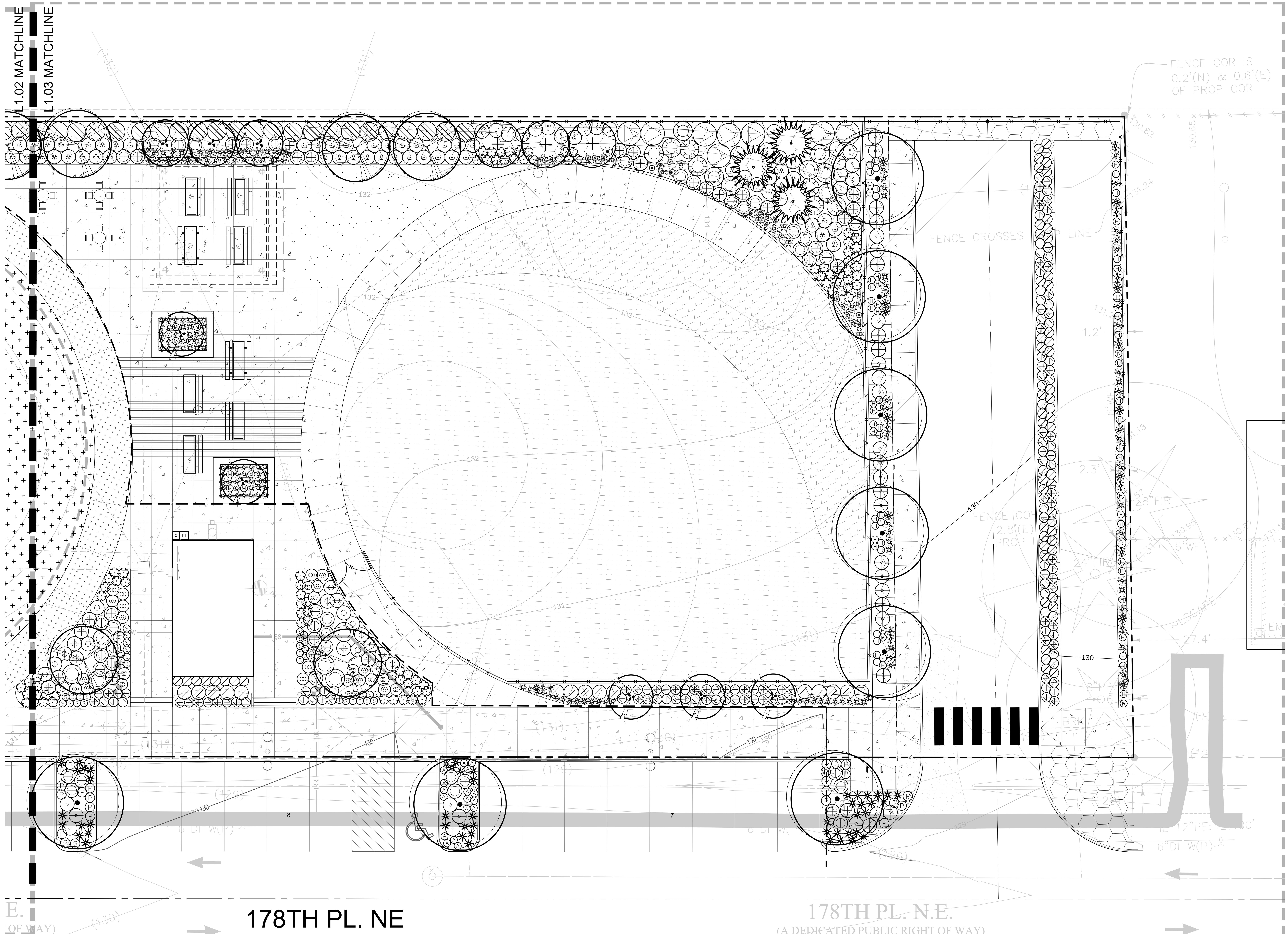
REVISIONS:	
100% DD	8/25/23

PLANTING PLAN ENLARGEMENT

L2.02



SCALE: 1"=10'-0"

0' 5' 10' 20' 40'

N

WEISMAN**DESIGN**GROUP

LANDSCAPE ARCHITECTURE | 1430 NE 65TH ST SEATTLE WA 98115 | 206-322-1732 WWW.WDGINC.COM

STATE OF WASHINGTON
ANDREW J RASMUSSEN
NO. 739 EXP. 6/26/2023
LANDSCAPE ARCHITECT

PROJECT MANAGEMENT:
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L2.03

PLANT SCHEDULE

DECIDUOUS TREES	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
	ACER X 'PACIFIC SUNSET' PACIFIC SUNSET MAPLE	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6'HT.	12
	CERCIDIPHYLLUM JAPONICUM KATSURA TREE	MIN. 3" CAL., 12'-14' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6'HT.	3
	LIRIODENDRON TULIPIFERA TULIP TREE	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6'HT.	10
	NYSSA SYLVATICA 'BLACK TUPELO' SOUR GUM	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6'HT.	11

EVERGREEN TREES	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
	PSEUDOTSUGA MENZIESII DOUGLAS FIR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.	8
	SEQUOIADENDRON GIGANTEUM GIANT SEQUOIA	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.	6
	THUJA PLICATA 'HOGAN' HOGAN CEDAR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.	7

SMALL ACCENT TREES	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
	ACER CIRCINATUM (MULTI-STEM) VINE MAPLE	(3) 1" CAL. TRUNKS, MIN. 8'-10' HT	MATCHED, B&B., WELL BRANCHED	6
	AMELANCHIER X GR. 'AUTUMN BRILLIANCE' 'AUTUMN BRILLIANCE' SERVICEBERRY	(3) 1" CAL. TRUNKS, MIN. 8'-10' HT	MATCHED, B&B., WELL BRANCHED	11

SHRUBS	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
	CORNUS STOLONIFERA 'KELSEYI' KELSEY DOGWOOD	MIN. 12"-15" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	327
	FOTHERGILLA GARDENII DWARF FOTHERGILLA	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	109
	HAMAMELIS X INTERMEDIA 'ARNOLD PROMISE' ARNOLD PROMISE HYBRID WITCH HAZEL	MIN. 5'-6' HT/SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	3
	HYDRANGEA QUERCIFOLIA 'PEE WEE' OAKLEAF HYDRANGEA	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	102
	ILEX CRENATA 'GREEN ISLAND' GREEN ISLAND JAPANESE HOLLY	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	109
	LONICERA PILEATA PRIVET HONEYSUCKLE	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	109
	MAHONIA AQUIFOLIUM OREGON GRAPE	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	67
	MAHONIA AQUIFOLIUM 'COMPACTA' COMPACT OREGON GRAPE	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	212
	MYRICA CALIFORNICA PACIFIC WAX MYRTLE	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	16
	RIBES SANGUINEUM 'KING EDWARD VII' RED FLOWERING CURRANT	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	21
	ROSA NUTKANA NOOTKA ROSE	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	31
	RUBUS PARVIFLORUS THIMBLEBERRY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	85
	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' BLACK-EYED SUSAN	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	2
	SPIRAEA BETULIFOLIA 'TOR' BIRCHLEAF SPIREA	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	237
	SYMPHORICARPOS ALBUS COMMON WHITE SNOWBERRY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	78
	SYRINGA X 'BLOOMERANG' BLOOMERANG SERIES LILAC	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN	39

ACCENTS	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
A	ACHILLEA MILLEFOLIUM 'MOONSHINE' YARROW	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	78
B	AMSONIA HUBRICHTII ARKANSAS BLUESTAR	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	27
H	ANEMONE X HY. 'HONORINE JOBERT' HONORINE JOBERT JAPANESE ANEMONE	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	109
M	ASTER X FRIKARTII 'MONCH' MONCH FRIKART'S ASTER	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	40
	CALAMAGROSTIS X AC. 'KARL FOERSTER' FEATHER REED GRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	36
	DESCHAMPSIA CESPITOSA TUFTED HAIR GRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	37
J	JUNCUS PATENS 'ELK BLUE' SPREADING RUSH	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	36
L	LEUCANTHEMUM X SUPERBUM 'ALASKA' ALASKA SHASTA DAISY	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	15
	MISCANTHUS SINENSIS 'ADAGIO' ADAGIO EULALIA GRASS	MIN. 5 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	45
	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN DWARF FOUNTAIN GRASS	MIN. 5 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	116
P	PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE' LITTLE SPIRE RUSSIAN SAGE	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	37
	POLYSTICHUM MUNITUM WESTERN SWORD FERN	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	211
S	SEDUM X 'AUTUMN JOY' AUTUMN JOY SEDUM	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	72
	SESLERIA AUTUMNALIS AUTUMN MOOR GRASS	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN	164

ACCENTS	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS	QTY
	LAWN - DRILL SEEDED	N/A	SEE SPECIFICATIONS	
	LAWN - HYDROSEEDED	N/A	SEE SPECIFICATIONS	

SCALE: 1"=10'-0"

0' 5' 10' 20' 40'

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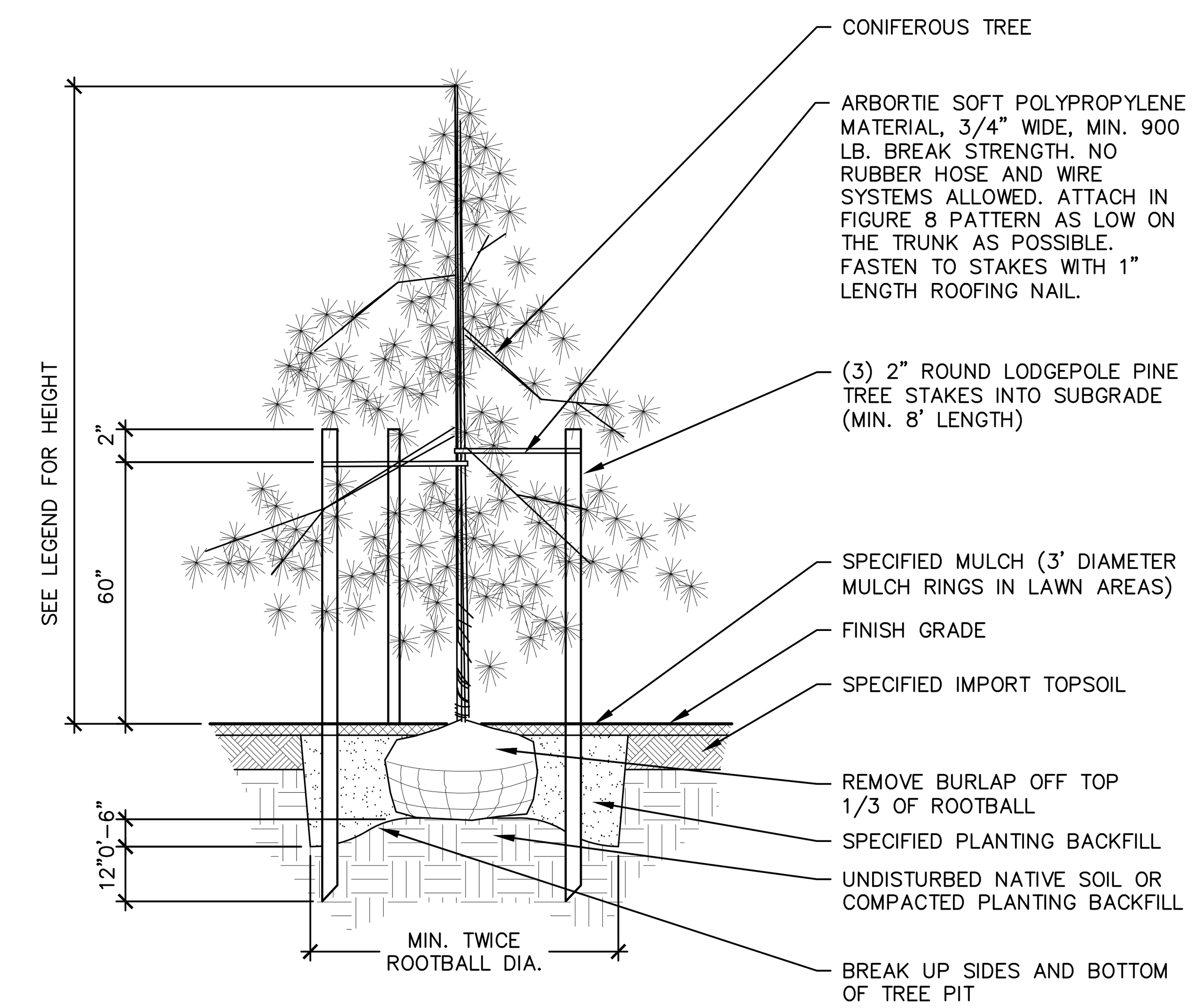
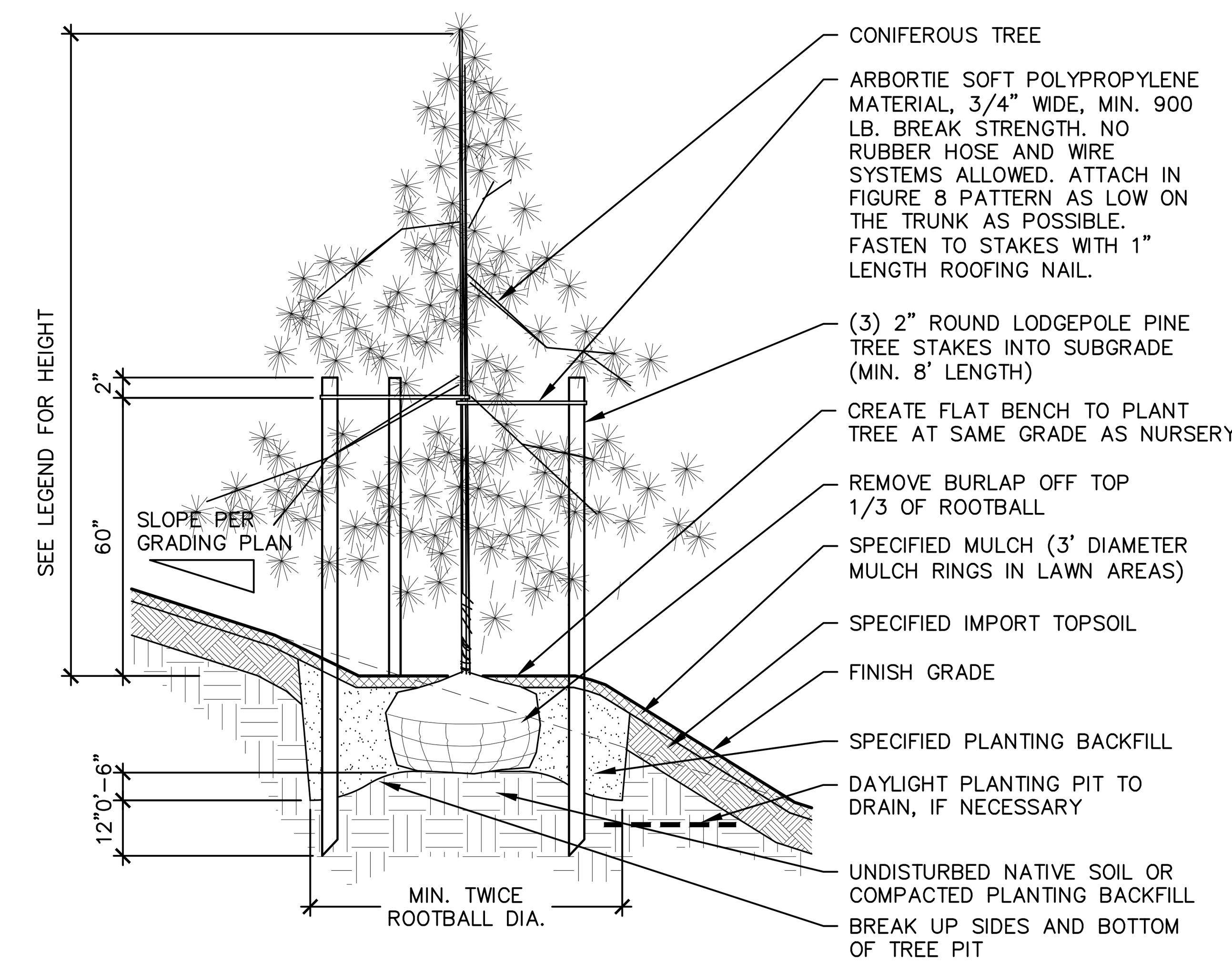
PLANTING SCHEDULE & DETAILS

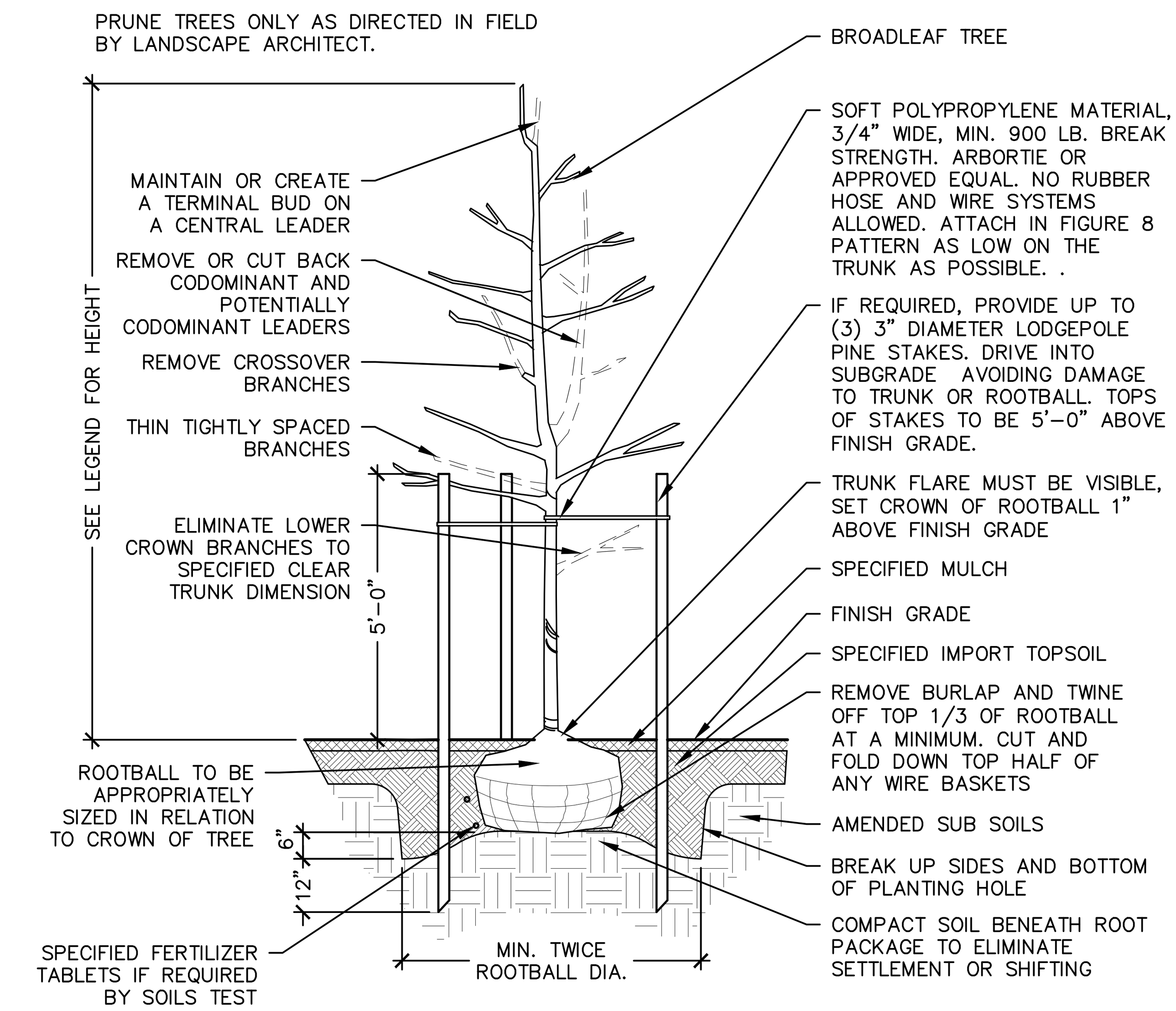
L2.04



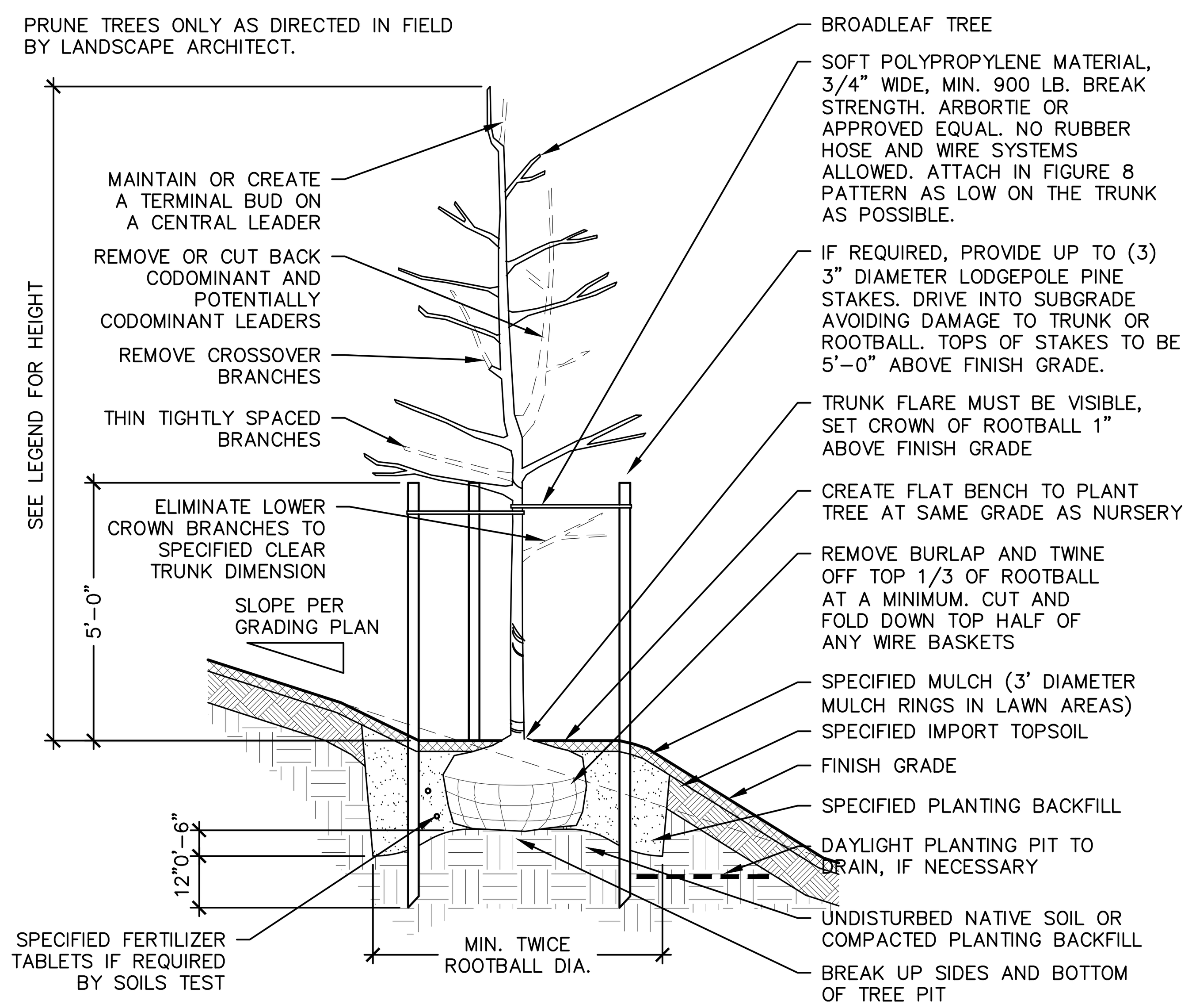
1 CONIFEROUS TREE PLANTING
NTS



2 CONIFEROUS TREE PLANTING ON SLOPE
NTS



3 DECIDUOUS TREE PLANTING
NTS



4 DECIDUOUS TREE PLANTING ON SLOPE
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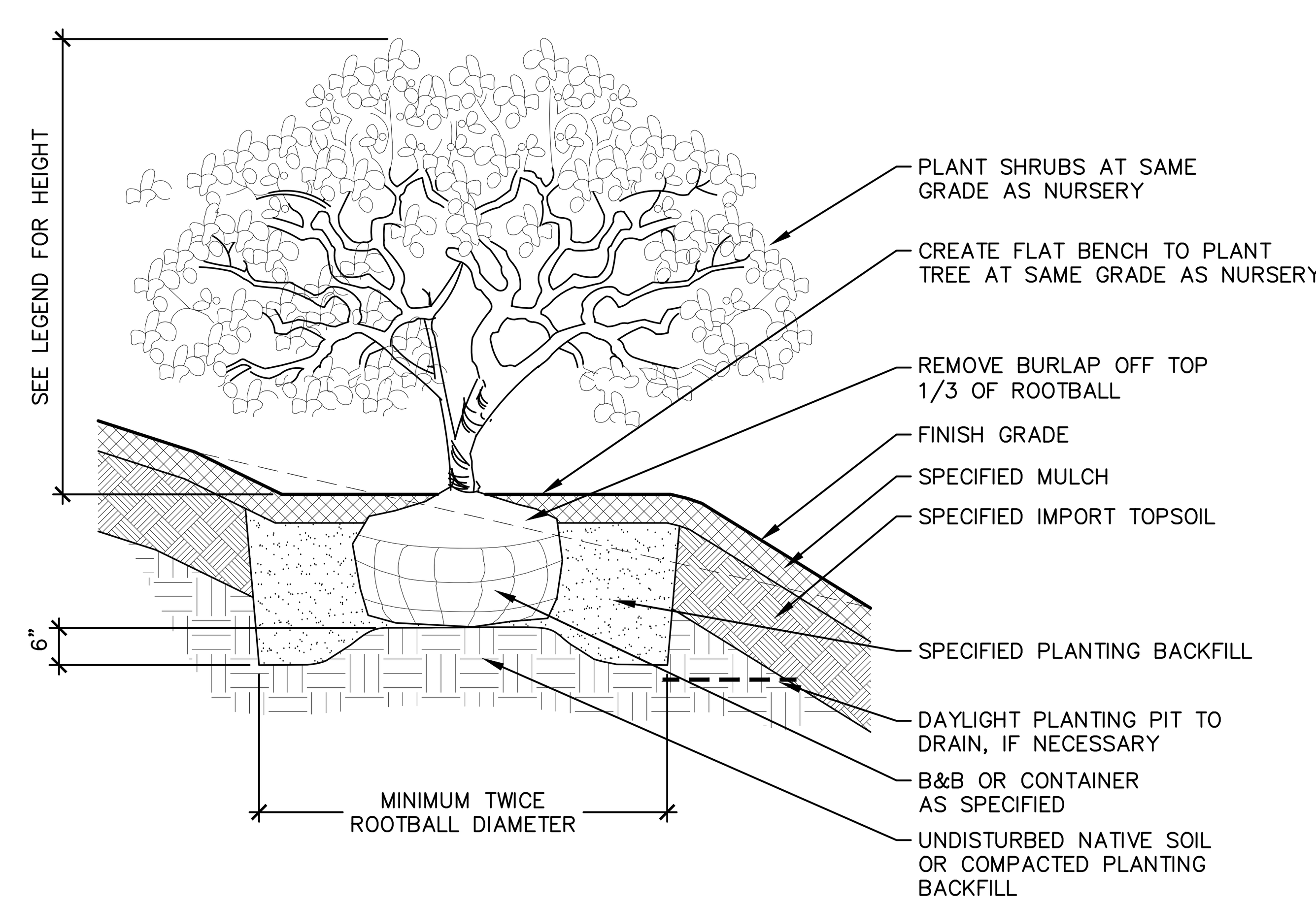
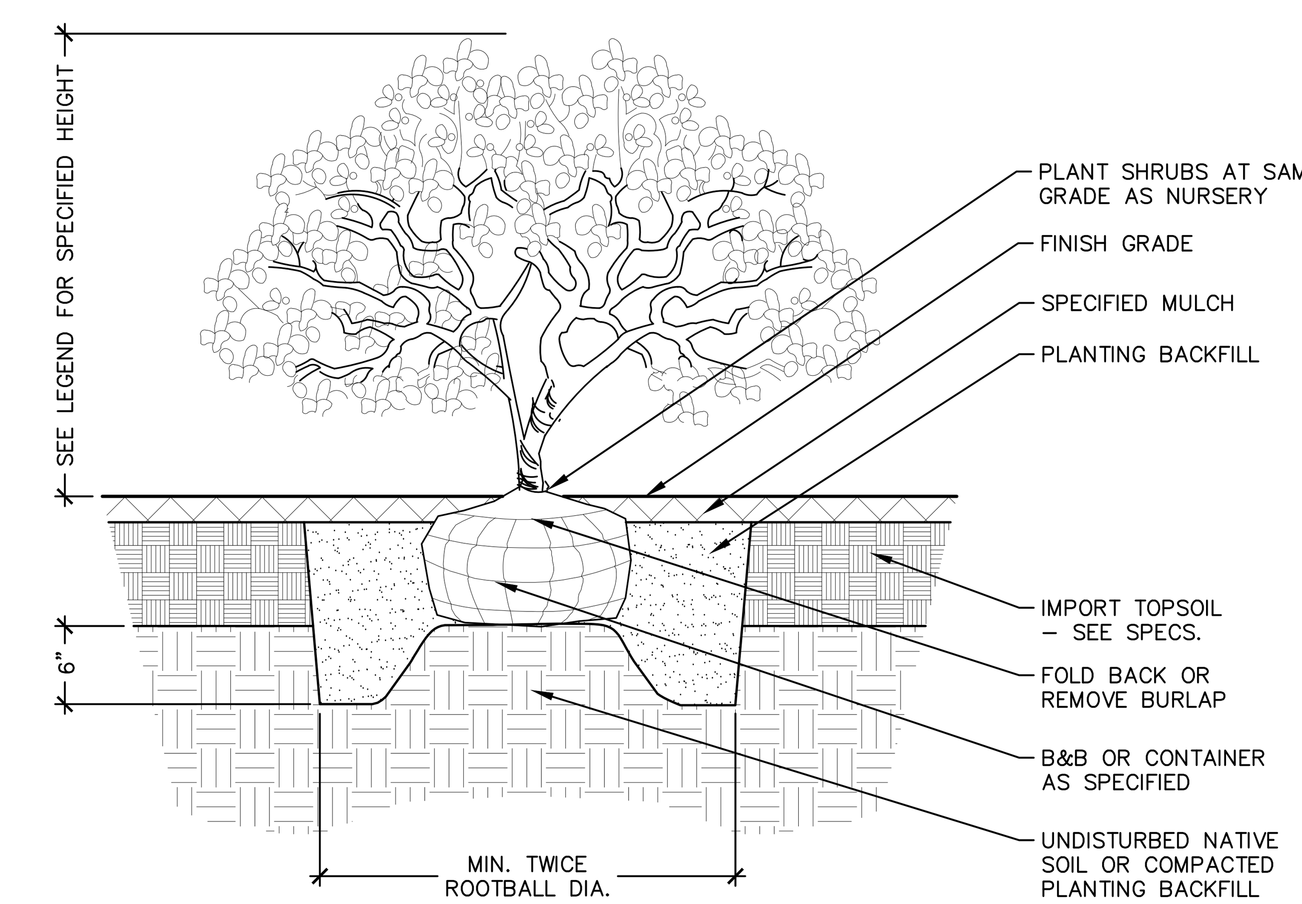
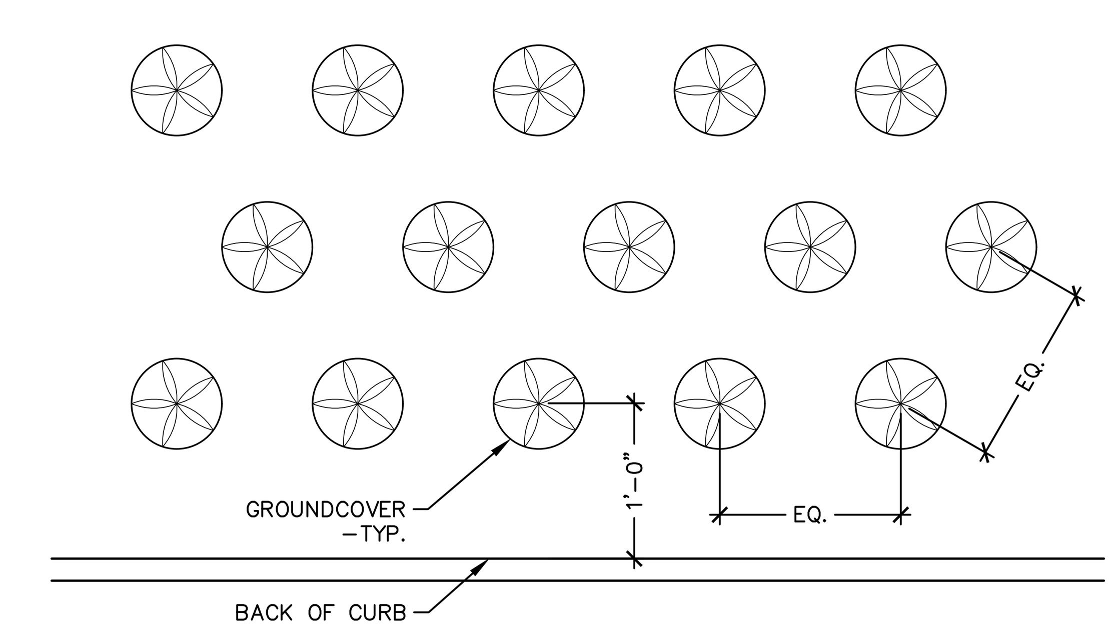


5 SHRUB / GROUNDCOVER PLANTING ON SLOPE
NTS



6 SHRUB PLANTING
NTS

NOTES:
1. ALL GROUNDCOVER TO PLANTED AT = SPACING (TRIANGULAR) PER O.C. SPACING ON PLANS



7 GROUNDCOVER PLANTING
NTS

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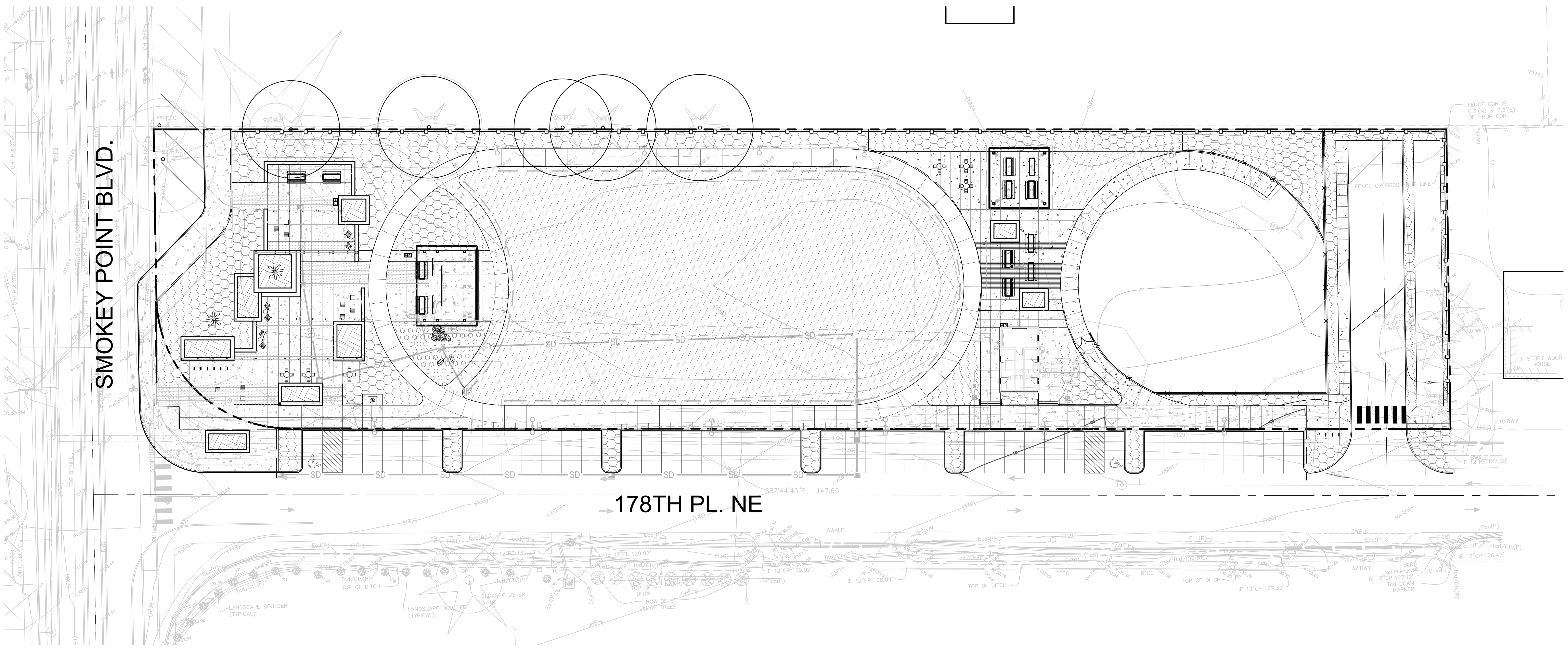
PLANTING DETAILS

L2.05

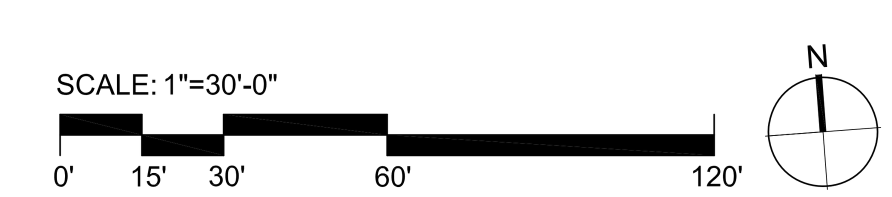


SOIL LEGEND (Symbols shown at 1" = 30'-0")

SYMBOL	ITEM
	8" DEPTH IMPORT TOPSOIL, SEE LANDSCAPE PLAN AND SPECS FOR ADDITIONAL REQUIREMENTS
	8" DEPTH IMPORT TOPSOIL + 3" DEPTH MULCH, SEE LANDSCAPE PLAN AND SPECS FOR ADDITIONAL REQUIREMENTS
	18" DEPTH BIORETENTION TOPSOIL + 3" DEPTH MULCH, SEE LANDSCAPE PLAN, SPECS AND CIVIL FOR ADDITIONAL REQUIREMENTS
	18" DEPTH TOPSOIL + 3" DEPTH MULCH TO 2" BELOW TOP OF PLANTER WALL, SEE LANDSCAPE PLAN, SPECS AND CIVIL FOR ADDITIONAL REQUIREMENTS

NOTE:
1. SEE SPECS FOR ADDITIONAL SOIL REQUIREMENTS.
2. CONTRACTOR REQUIRED TO COMPLETE SOIL INSTALLATION IN ACCORDANCE WITH BMP T5.13.

SCALE: 1"=30'-0"



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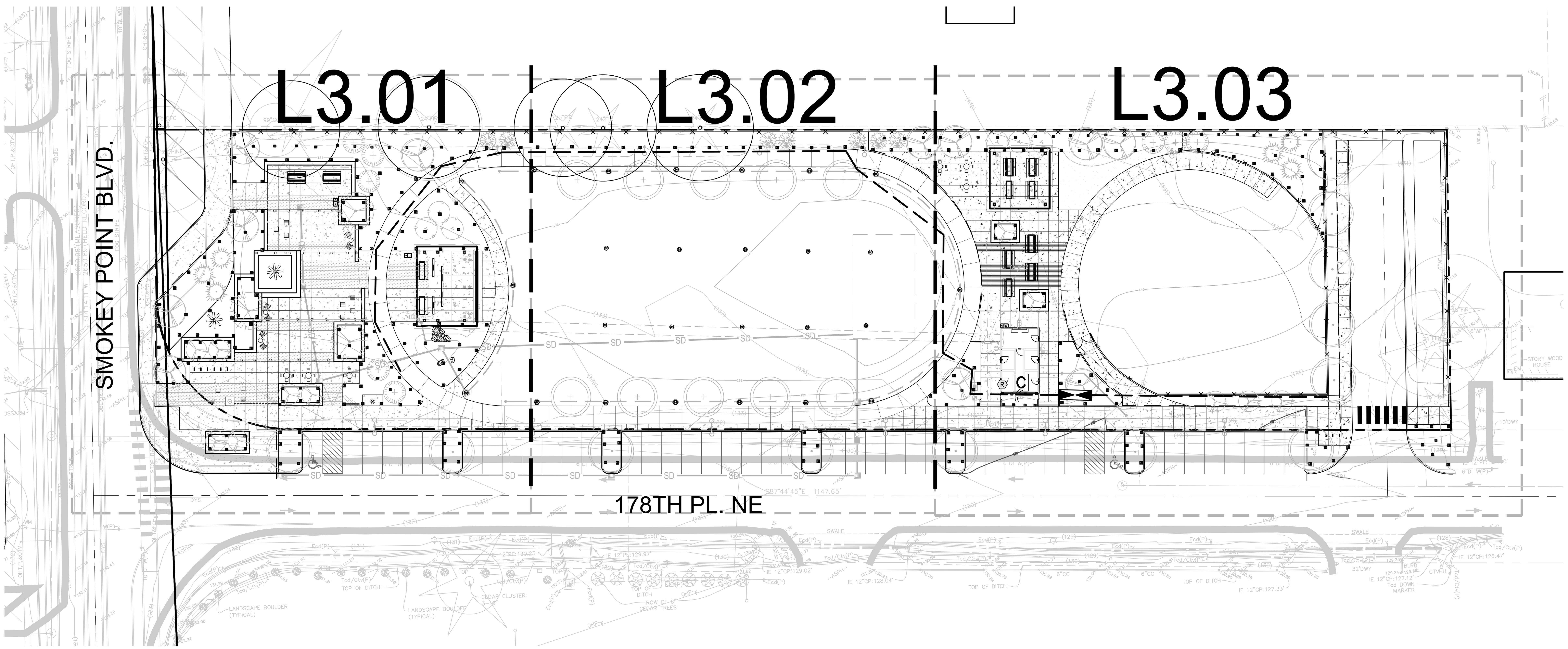
OVERALL SOIL PLAN

L2.06



SCALE: 1"=30'-0"

0' 15' 30' 60' 120'

N

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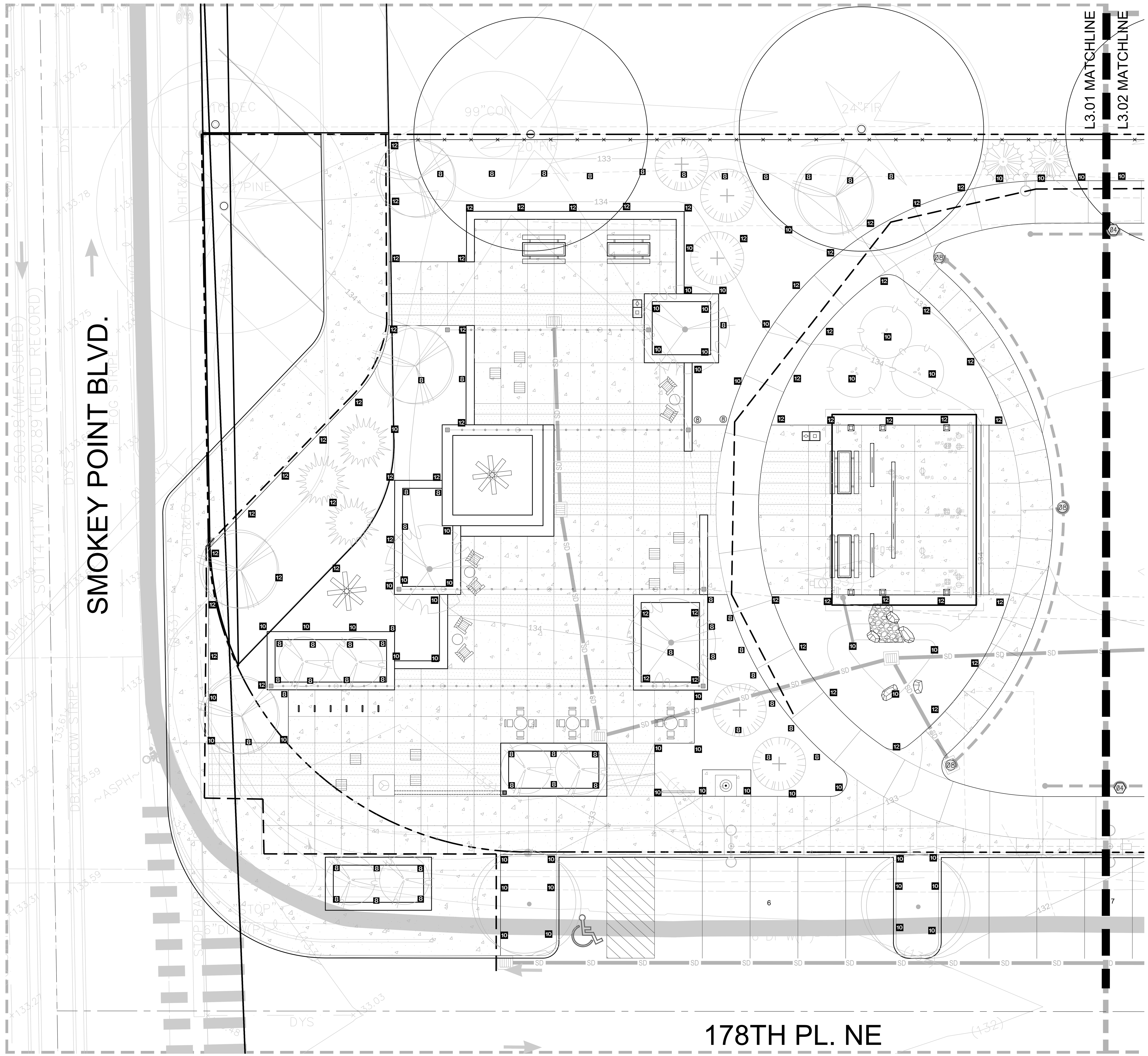
OVERALL IRRIGATION PLAN

L3.00



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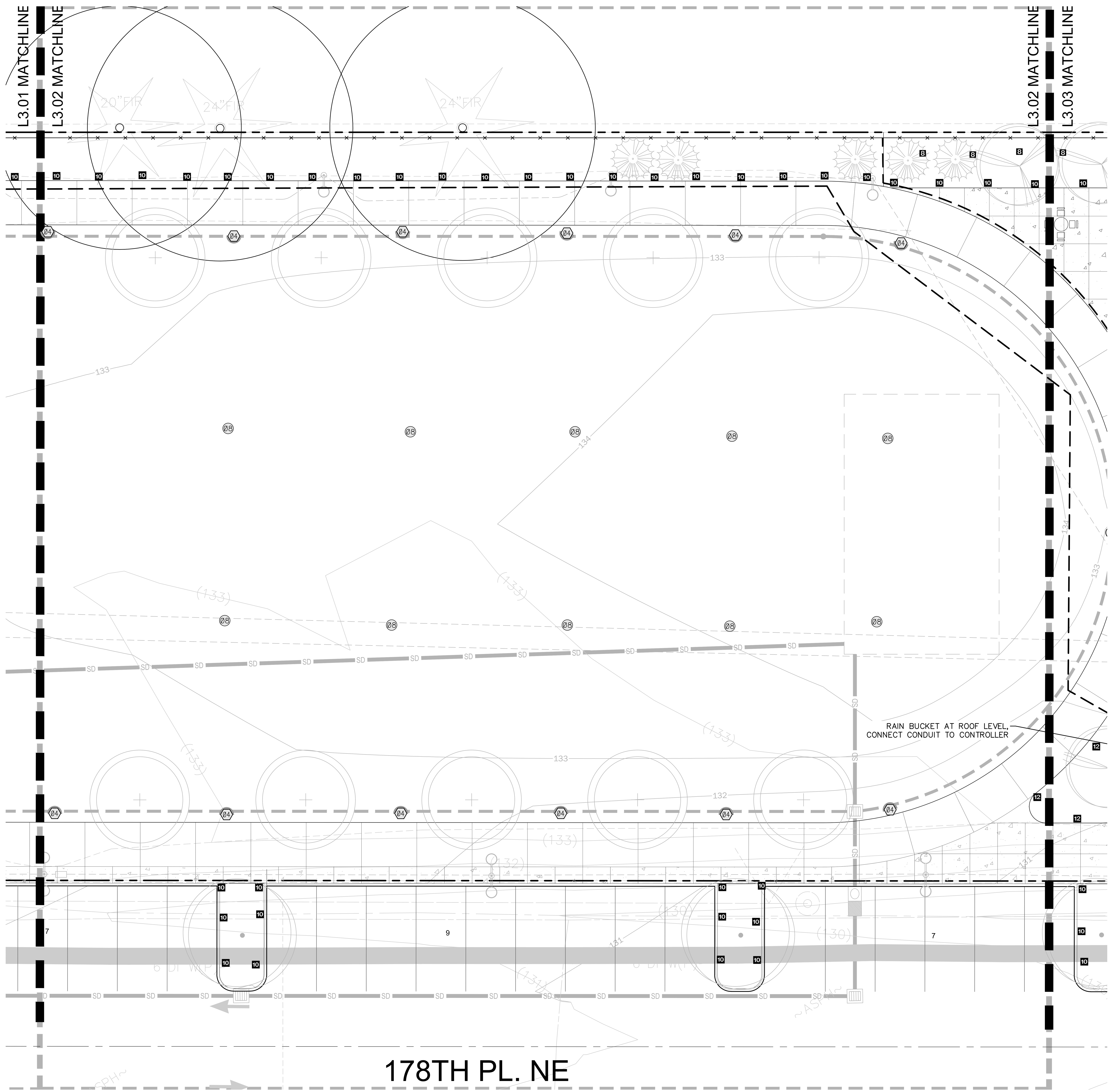
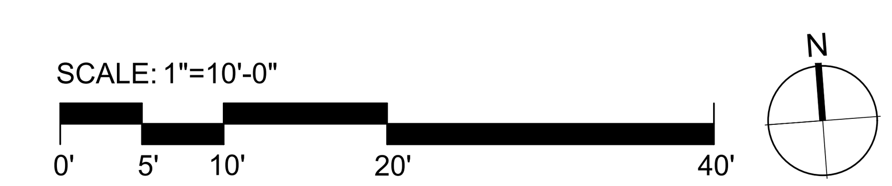
IRRIGATION PLAN ENLARGEMENT

L3.01





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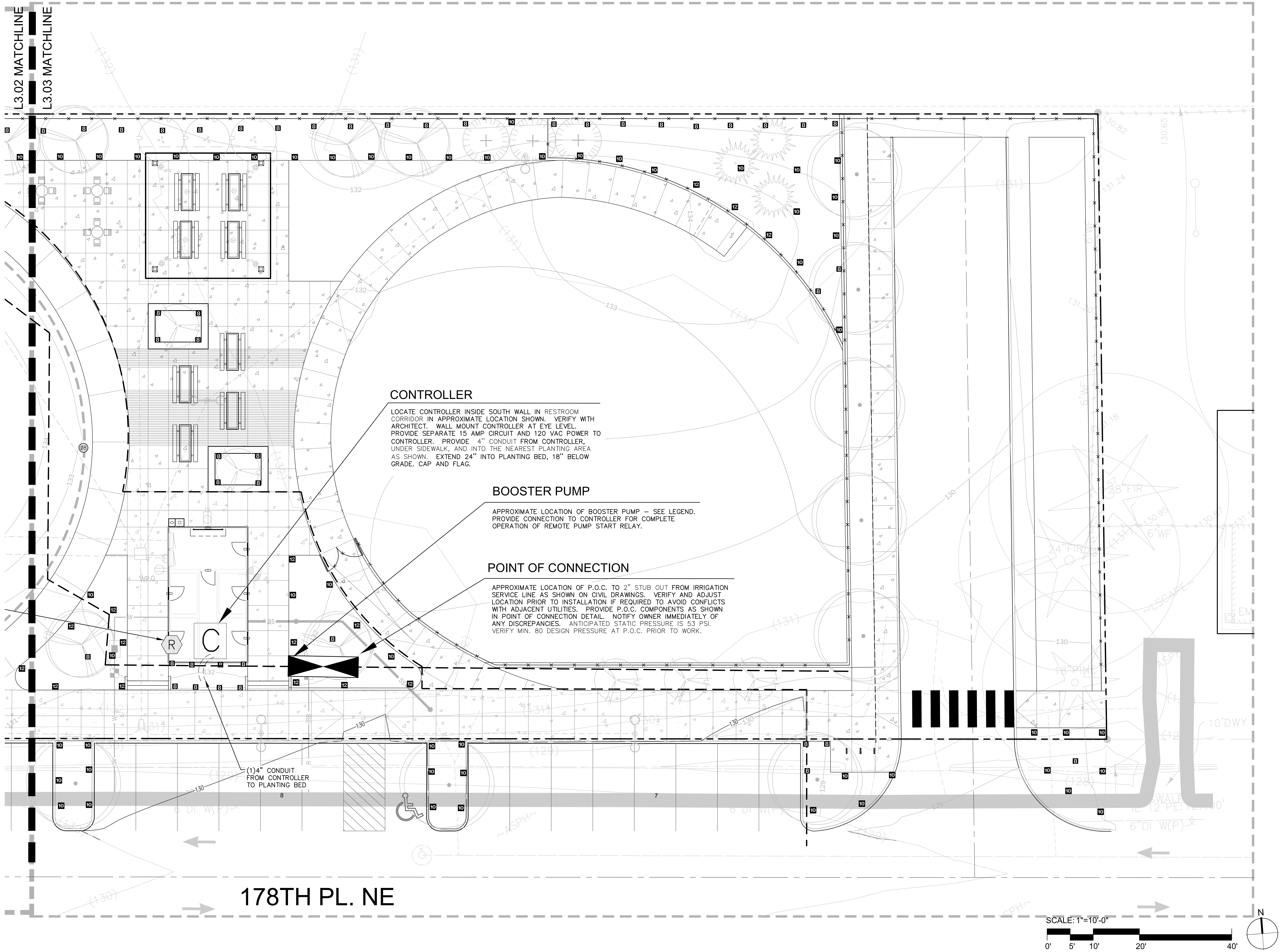
IRRIGATION
PLAN
ENLARGEMENT

L3.02



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IRRIGATION PLAN ENLARGEMENT

L3.03

IRRIGATION LEGEND (SYMBOLS SHOWN AT 1"=20'-0")

SYMBOL	ITEM	MANUFACTURER / CAT NO.	DESCRIPTION-REMARKS
C	TWO-WIRE DECODER CONTROLLER	RAIN BIRD ESP-LXIVM	TWO-WIRE DECODER CONTROLLER. WALL MOUNT INSIDE BUILDING IN LOCATION AS SHOWN ON PLAN. VERIFY WITH ARCHITECT. INSTALL PER DETAIL '__', SHEET L2.5.
	CONTROL WIRING	RAINBIRD MAXI-CABLE	14 AWG, 2 CONDUCTOR, SPLICES SHALL BE MADE USING 3M DBY-6 OR DBR-6 CONNECTORS. FOR LOOPING MAINLINE DESIGN, INSTALL TWO RUNS OF WIRE OUT FROM CONTROLLER, EACH A DIFFERENT COLOR JACKET, ONE IN EACH DIRECTION AND MEETING AT ISOLATION VALVE ON OPPOSITE SIDE OF SITE FROM CONTROLLER.
	TWO-WIRE FIELD DEVICES FOR CONTROL VALVES	RAINBIRD IVM-SOL	PROVIDE AND INSTALL FOR EACH CONTROL VALVE SOLENOID. INSTALL PER MANUFACTURER'S RECOMMENDATION.
	SURGE PROTECTION	RAINBIRD IVM-SD SURGE PROTECTION AND GROUNDING RODS (INSTALL AND TEST GROUNDING RODS TO ACHIEVE MAX 10 OHM RESISTANCE)	INSTALL SURGE PROTECTION AND GROUNDING RODS PER MANUFACTURER'S RECOMMENDATION WITHIN VALVE BOX. THE 2-WIRE PATH SHALL BE SURGE PROTECTED AND GROUNDED WITH ONE IVM-SD EVERY 500 FEET OR EVERY 8 DECODERS, WHICHEVER IS SMALLER.
	AUTOMATIC RAIN SHUTOFF	RAINBIRD WR2-RFC	WIRELESS RAIN/FREEZE SENSOR WITH MOUNTING BRACKET, MOUNT ON ROOF PARAPET IN LOCATION SHOWN ON PLAN. OPERATION WILL BE TESTED AT PUNCH LIST REVIEW.
NO SYMBOL	CONTROL WIRES	#14 CONTROL AND SPARE WIRES, NO MULTI-STRAND.	SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS.
	IRRIGATION METER AND STUB-OUT		APPROXIMATE LOCATION, SEE CIVIL DRAWINGS.
	POINT OF CONNECTION		SEE PLAN ENLARGEMENT ON DETAIL 'X', SHEET LX.X.
	GATE / SHUTOFF VALVE	NIBCO T-113-K GATE VALVE (2"), OR APPROVED EQUAL.	200 PSI THREADED ENDS, BRONZE, SCREW IN BONNET, NON-RISING STEM, SOLID WEDGE, INSTALL PER DETAIL 'G', SHEET L2.5.
	BACKFLOW PREVENTER	FEBCO 850U (2")	DOUBLE CHECK VALVE. INSTALL PER DETAIL 'G', SHEET L2.5.
	STRAINER	WILKINS SXL CAST BRONZE 'Y' STRAINER (2")	INSTALL AT POINT OF CONNECTION AS PER DETAIL 'G', SHEET L2.5.
	PRESSURE REDUCING VALVE	WILKINS 500-XL PRESSURE REDUCING VALVE (2")	INSTALL AT POINT OF CONNECTION AS PER DETAIL 'G', SHEET L2.5.
	MANUAL DRAIN	CHAMPION 300RS-200 ANGLE VALVE (2")	INSTALL AT POINT OF CONNECTION AND ELSEWHERE AS SHOWN ON PLAN, AS PER DETAILS 'E' AND 'G', SHEET L2.5.
	QUICK COUPLER	RAINBIRD #5RC 55K-1 KEY SH-2 SWIVEL HOSE ELL	INSTALL AT P.O.C. AND ELSEWHERE AS SHOWN ON PLAN, PER DETAILS 'D' AND 'G', SHEET L2.5. PROVIDE (2) KEYS AND (2) ELLS.
	FLOW SENSOR	RAINBIRD FS-150-P (1-1/2")	PLASTIC FLOW SENSOR. FOR DECODER SYSTEM, INSTALL AND CONNECT TO CONTROL WIRE WITH SD210TURF SENSOR DECODER. INSTALL AT P.O.C. PER DETAIL 'D', SHEET L2.4.
	BOOSTER PUMP	RAINBIRD CLP-SERIES WITH METAL ENCLOSURE	IRRIGATION BOOSTER PUMP ASSEMBLY SHALL BE A PREFABRICATED CLP-SERIES SYSTEM WITH PUMP, PIPING, ELECTRICAL AND STRUCTURAL ELEMENTS, AND OTHER ITEMS AS REQUIRED FOR A COMPLETE SYSTEM AND SHALL BE OPERATIONAL FROM CONTROLLER. INSTALL WITHIN SPECIFIED METAL ENCLOSURE. SEE SHEET ___ FOR ADDITIONAL BOOSTER PUMP ASSEMBLY NOTES. INSTALL PER DETAIL __, SHEET ___. CONTRACTOR SHALL PROGRAM CONTROLLER FOR SIMULTANEOUS OPERATION OF SMALL ZONES, NECESSARY TO MAINTAIN FLOWS ABOVE THE BOOSTER PUMP'S MINIMUM CONTINUOUS STABLE FLOWRATE.
	MASTER VALVE	RAINBIRD 200-EFB-CP SERIES VALVE (2")	BRASS NORMALLY CLOSED MASTER CONTROL VALVE. INSTALL AT P.O.C. ASSEMBLY PER DETAIL 'G', SHEET L2.5.
	ISOLATION VALVE	BALL VALVE (2"), NIBCO T-580-A, OR APPROVED EQUAL.	BRASS BALL VALVE, INSTALL PER DETAIL 'G', SHEET L2.4, SEE SPECIFICATIONS, SIZE TO MATCH MAINLINE SIZE.
	DRIP REMOTE CONTROL VALVE	RAINBIRD DRIP CONTROL ZONES KITS (WIDE FLOW) XCZ-100-PRB-COM (1"), FOR FLOWS 0.3-20 GPM	WIDE FLOW CONTROL ZONE KIT. WIDE FLOW KIT INCLUDES BALL VALVE, PESB VALVE, AND PRESSURE-REGULATING BASKET FILTER. INSTALL IN APPROXIMATE LOCATION AS SHOWN ON PLAN AND PER DETAIL 'M', SHEET L2.5.
	DRIP REMOTE CONTROL VALVE	RAINBIRD DRIP CONTROL ZONES KITS (HIGH FLOW) XCZ-150-LCDR (1-1/2"), FOR FLOWS 15-62 GPM	HIGH FLOW CONTROL ZONE KIT THAT INCLUDES PESB VALVE, LARGE CAPACITY RBY DISC FILTER, AND 1-1/2" PRESSURE REGULATOR. PROVIDE AND INSTALL 1-1/2" BALL VALVE AT EACH ZONE. INSTALL IN APPROXIMATE LOCATION AS SHOWN ON PLAN AND WITHIN SUPER JUMBO VALVE BOX PER DETAIL 'M', SHEET L2.5.
	CONTROL VALVE	RAINBIRD XXX-PEB-PRS-D 100- (1"), 150- (1-1/2"), 200- (2")	PLASTIC CONTROL VALVE WITH PRESSURE REGULATING DIAL, INSTALL PER DETAIL 'B', SHEET L2.5.
# # #"	VALVE NUMBER VALVE SIZE GALLONS PER MINUTE	SEE VALVE SCHEDULE	
NO SYMBOL	VALVE BOXES	SPECIFICATION GRADE (COMMERCIAL GRADE) VALVE BOXES AND EXTENSIONS.	SEE SPECIFICATIONS FOR DETAILED REQUIREMENTS.
	MAINLINE	PVC-SCHEDULE 40	2-1/2" MINIMUM SIZE UNLESS NOTED OTHERWISE, SEE SPECIFICATIONS FOR MINIMUM BURIAL DEPTH. SEE DETAIL 'B', SHEET L2.5.
	LATERALS	PVC-SCHEDULE 40	SIZE AS PER PLAN, 3/4" MINIMUM. UNLABELED PIPE SECTIONS TO MATCH THE LARGEST OF THE ADJACENT PIPES. UNLABELED PIPE AT THE END OF LATERAL RUNS TO BE 3/4". SEE SPECIFICATIONS FOR MINIMUM BURIAL DEPTH. SEE DETAIL 'B', SHEET L2.5.
	SLEEVES	PVC-SCHEDULE 40	UNDERPAVEMENT SLEEVING, 4" DIAMETER UNLESS OTHERWISE INDICATED ON PLAN. TO BE INSTALLED BY LANDSCAPE CONTRACTOR AT DEPTHS SPECIFIED. SEE DETAIL 'B', SHEET L2.5.
08	ROTOR HEAD	HUNTER I40-06-SS, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	40 PSI, ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL _. SEE SHEET L__.
04	ROTOR HEAD	HUNTER I25-06-SS, 6.0" POP-UP. ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1" FEMALE NPT INLET THREADS, STANDARD NOZZLE.	40 PSI, ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL _. SEE SHEET L__.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-15 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD 180x-SAM-PRS-12 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD 180x-SAM-PRS-10 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-8 SERIES HE-VAN (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-5 SERIES MPR (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD 180X-SAM-PRS-15 STRIP SERIES MPR (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.
	SPRAY HEAD	RAINBIRD SQ ADP 24 W/ SQ SERIES NOZZLE (1804 - LAWN, 1806 - SHRUB)	30 PSI ADJUST RADIUS AS REQUIRED, INSTALL PER DETAIL 'B', SHEET L2.4.

IRRIGATION NOTES:

1. ADJUST ALL IRRIGATION HEADS TO PROVIDE MAXIMUM COVERAGE, MINIMUM OVERSPRAY, AND NO FOGGING. SET ALL HEADS BACK FROM CURBS, PAVING, AND WALLS. SPRINKLER HEADS SHALL BE INSTALLED WITH 6" OFFSET FROM BACK OF PAVING OR CURB EDGES, AND 12" OFFSET WHERE CAR BUMPERS WILL OVERHANG.
2. LOCATION OF IRRIGATION MAINLINE, LATERALS, AND SLEEVING ARE SCHEMATIC ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. IF SLEEVES ARE SHOWN THEY ARE TO BE STRAIGHT RUNS, TYP. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS-BUILT DIMENSIONS AND CONDITIONS.
3. VALVE BOXES SHALL BE LOCATED IN SHRUB PLANTING AREAS ONLY. LOCATE IN APPROXIMATE LOCATIONS AS SHOWN ON PLAN.
4. SEE CIVIL PLANS FOR LOCATION OF IRRIGATION STUB-OUT FROM __" METER.
5. ANTICIPATED AVAILABLE STATIC WATER PRESSURE IS +/-53 PSI, AS PROVIDED BY ___ ON ___. VERIFY EXACT PRESSURE AT POINT OF CONNECTION PRIOR TO START OF WORK.
6. THE IRRIGATION SYSTEM HAS BEEN DESIGNED WITH SEPARATE HYDROZONES ACCORDING TO THE NEEDS OF THE PLANT MATERIAL. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO PROVIDE A MINIMUM AVERAGE DISTRIBUTION UNIFORMITY OF 0.625. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO AVOID RUNOFF, LOW HEAD DRAINAGE, AND OVERSPRAY. AVOID IRRIGATION DURING TIMES OF HIGH WINDS, WHEN RAINING, OR DURING THE MIDDLE OF THE DAY.
7. LATERAL PIPE SIZE SHALL BE AS NOTED ON PLAN. UNLABELED SECTIONS SHALL MATCH THE SIZE NOTED OF THE ADJACENT UPSTREAM PIPE. MINIMUM PIPE SIZE AT END OF LATERAL RUNS SHALL BE 3/4".
8. QUANTITIES AND PIPE LENGTHS INDICATED ON THE IRRIGATION SCHEDULE ARE FOR REFERENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR. IF THERE IS A DISCREPANCY BETWEEN PLAN AND SCHEDULE, THE PLAN SHALL TAKE PRECEDENT.
9. WHERE IRRIGATION PIPING IS SHOWN ADJACENT OR UNDER EXISTING TREES, MAKE MINOR ROUTE ADJUSTMENTS TO AVOID TRENCHING THROUGH LARGE TREE ROOTS. REFER TO SPECIFICATION SECTION 328000 FOR FURTHER INSTRUCTIONS.
10. REFER TO IRRIGATION SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

BOOSTER PUMP NOTES:

1. IRRIGATION BOOSTER PUMP ASSEMBLY SHALL BE AS DESIGNED AND FABRICATED BY RAIN BIRD CORPORATION, TUCSON, ARIZONA OR APPROVED EQUAL. THE SYSTEM SHALL BE A PREFABRICATED CLP MODEL #CLP05FAC8 SYSTEM WITH PUMP, PIPING, ELECTRICAL AND STRUCTURAL ELEMENTS, AND OTHER ITEMS AS REQUIRED FOR A COMPLETE SYSTEM AND SHALL BE OPERATIONAL FROM CONTROLLER. THE BOOSTER PUMP SHALL BE SPECIFIED FOR BELOW GRADE INSTALLATION IN A CONCRETE UTILITY VAULT WITH INTAKE AND DISCHARGE PIPES GOING THROUGH THE SIDES OF THE VAULT. THE PUMP STATION SHALL BE BOLTED TO THE CONCRETE FLOOR, SIZED PER MANUFACTURER'S RECOMMENDATIONS. CONTACT RAIN BIRD PUMP REPRESENTATIVE FOR PRICING AND ORDERING INFORMATION.
2. PUMP SHALL HAVE VARIABLE FREQUENCY DRIVE, MONOCHROME TOUCH SCREEN OPERATOR INTERFACE, 480 VOLT, 60 HZ, 3 PHASE, HORIZONTAL END SUCTION CAPABLE OF PRODUCING A CONSTANT 80 PSI AT THE DISCHARGE ISOLATION VALVE OF THE PUMP STATION OVER A FLOW RANGE OF 35 GPM MINIMUM AND 56 GPM MAXIMUM. ASSUME 60+/- psi WORKING PRESSURE AT PUMP INLET. PROVIDE COMBINATION FUSIBLE DISCONNECT AND PUMP CONTROLLER WITH MOTOR OVERLOAD PROTECTION INSTALLED IN AN OUTDOOR WEATHERPROOF, TAMPER RESISTANT, LOCKING VAULT.
3. BOOSTER PUMP STATION SHALL INCLUDE THE FOLLOWING OPTIONS:
   A. PUMP START RELAY
   B. AUDIBLE ALARM
   C. PRESSURE RELIEF VALVE
   D. STATION BYPASS
4. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION BY FACTORY AUTHORIZED REPRESENTATIVE. A WRITTEN MANUFACTURER'S CERTIFICATION OF PROPER INSTALLATION SHALL BE PROVIDED FOR PUMP ASSEMBLY.
5. A FACTORY-AUTHORIZED REPRESENTATIVE SHALL PROVIDE A MINIMUM OF THREE (3) HOURS OF SITE TRAINING FOR THE END USER, AND THEIR OPERATORS. THE TRAINING FORMAT SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL SEVEN (7) DAYS PRIOR TO THE TRAINING SESSION.
6. AFTER INSTALLATION THE PUMPING UNIT SHALL BE SUBJECTED TO A FIELD RUNNING TEST UNDER ACTUAL OPERATING CONDITIONS. THE FIELD TEST SHALL BE MADE BY THE CONTRACTOR AND PUMP SUPPLIER IN THE PRESENCE OF AND AS DIRECTED BY THE OWNER. THE FIELD TEST SHALL DEMONSTRATE UNDER ALL CONDITIONS OF OPERATION THAT THE PUMPING
   A. HAS NOT BEEN DAMAGED BY TRANSPORTATION OR INSTALLATION.
   B. HAS BEEN PROPERLY INSTALLED.
   C. HAS NO MECHANICAL DEFECTS.
   D. IS IN PROPER ALIGNMENT
   E. HAS BEEN PROPERLY CONNECTED.
   F. IS FREE OF OVERHEATING OF ANY PARTS.
   G. IS FREE OF ALL OBJECTIONABLE VIBRATION.
   H. IS FREE OF EXCESSIVE NOISE.
   I. IS FREE OF OVERLOADING OF ANY PARTS.
   J. SHALL OPERATE AS SPECIFIED WITH SPECIFIED CONTROL SYSTEM.

   THE CONTRACTOR AND/OR PUMP SUPPLIER SHALL PROMPTLY CORRECT ANY DEFECT IN THE EQUIPMENT OR FAILURE TO MEET REQUIREMENTS.
7. THE CONTRACTOR MUST PROVIDE THE FOLLOWING INFORMATION FOR APPROVAL BY LANDSCAPE ARCHITECT:
   A. COMPLETE SPECIFICATIONS WITH SUBMITTAL INFORMATION ON ALL MAJOR COMPONENTS OF THE PUMPING SYSTEM.
   B. PUMPING SYSTEM DRAWING INCLUDING TOP AND ELEVATION VIEWS AND LOCATION AND SIZE OF ALL MAJOR COMPONENTS.
   C. ELECTRICAL AND CONTROL SCHEMATICS.

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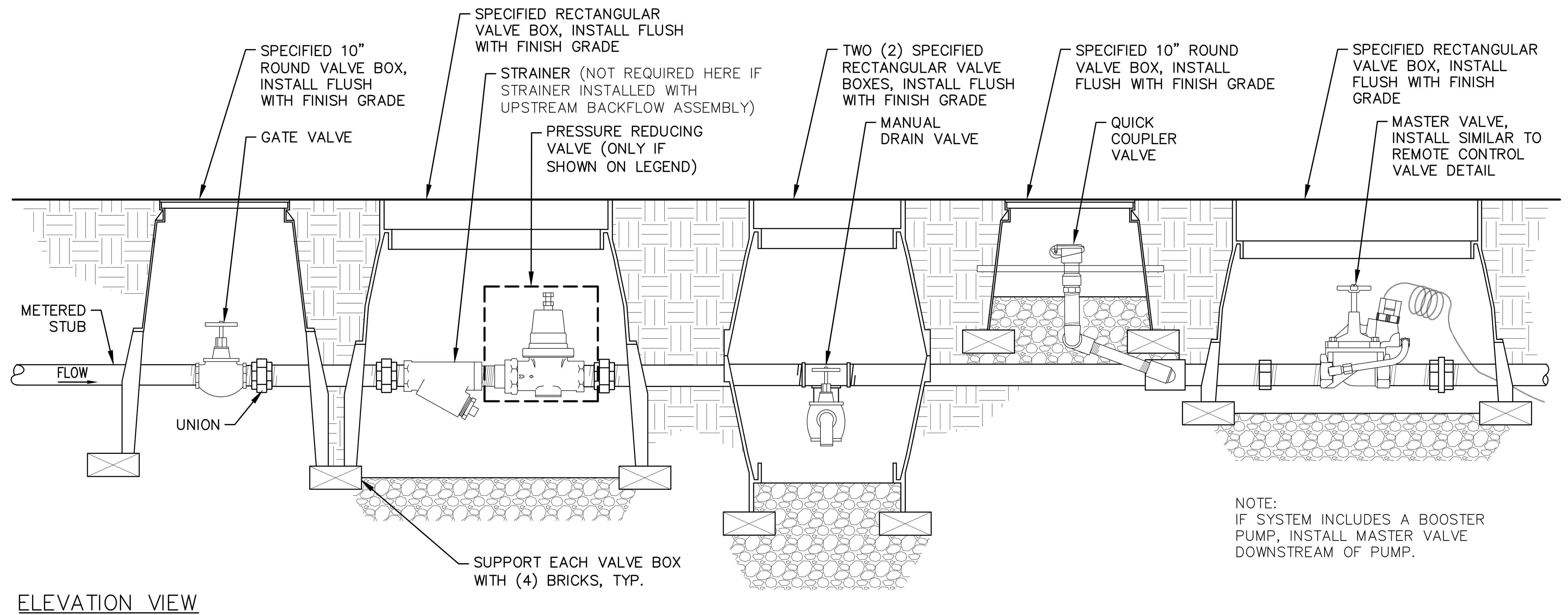
IRRIGATION LEGEND

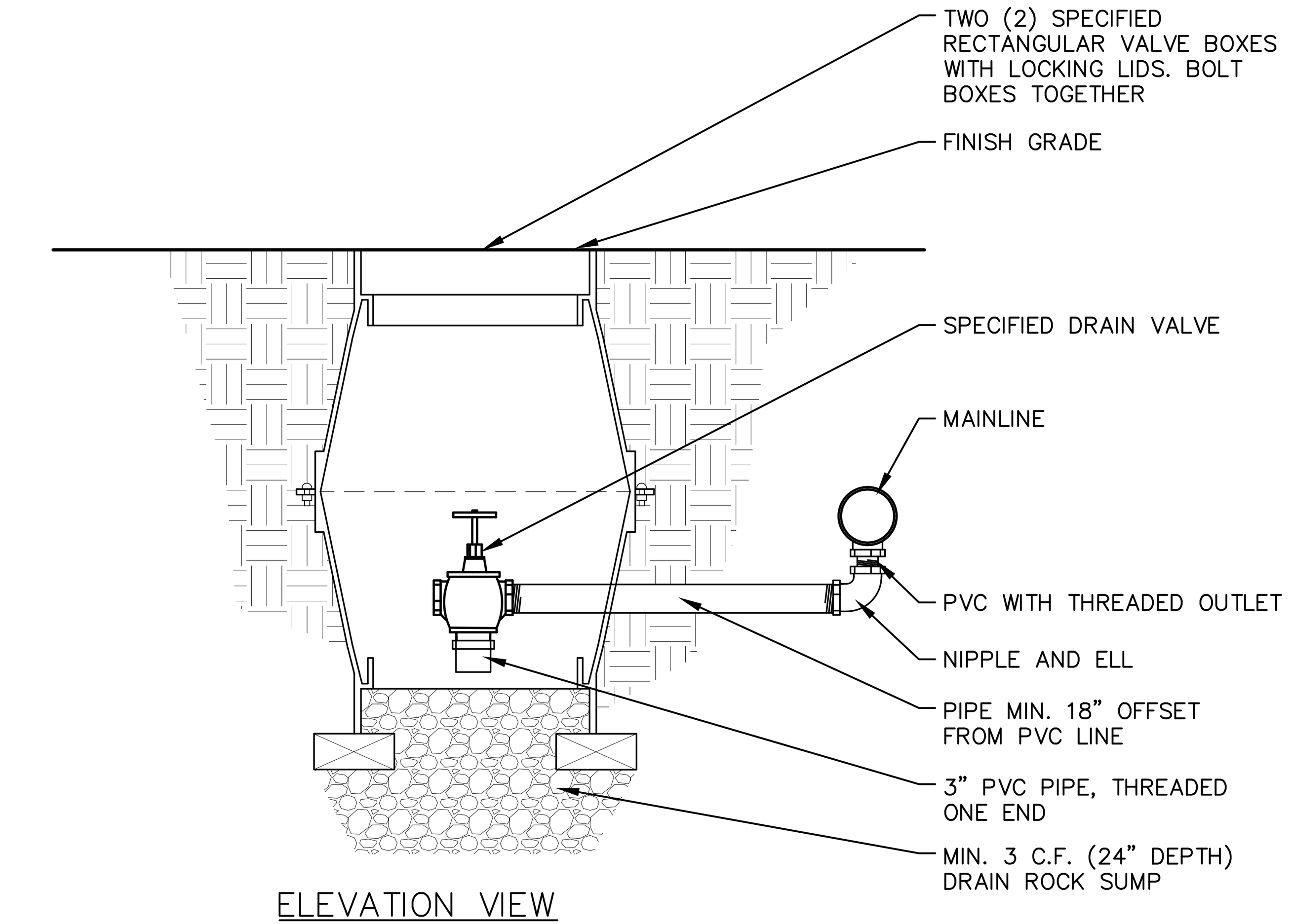
L3.04



NOTES:
1. PROVIDE ONE QUICK COUPLER AT P.O.C. AND ELSEWHERE AS SHOWN ON PLAN.
2. INSURE POSITIVE DRAINAGE FROM P.O.C. COMPONENTS. PROVIDE DAYLIGHT DRAIN AS NECESSARY.
3. PROVIDE SIZE & QUANTITY OF VALVE BOXES AS NECESSARY TO ACCOMMODATE ALL COMPONENTS.

1 POINT OF CONNECTION (BACKFLOW BY CIVIL)

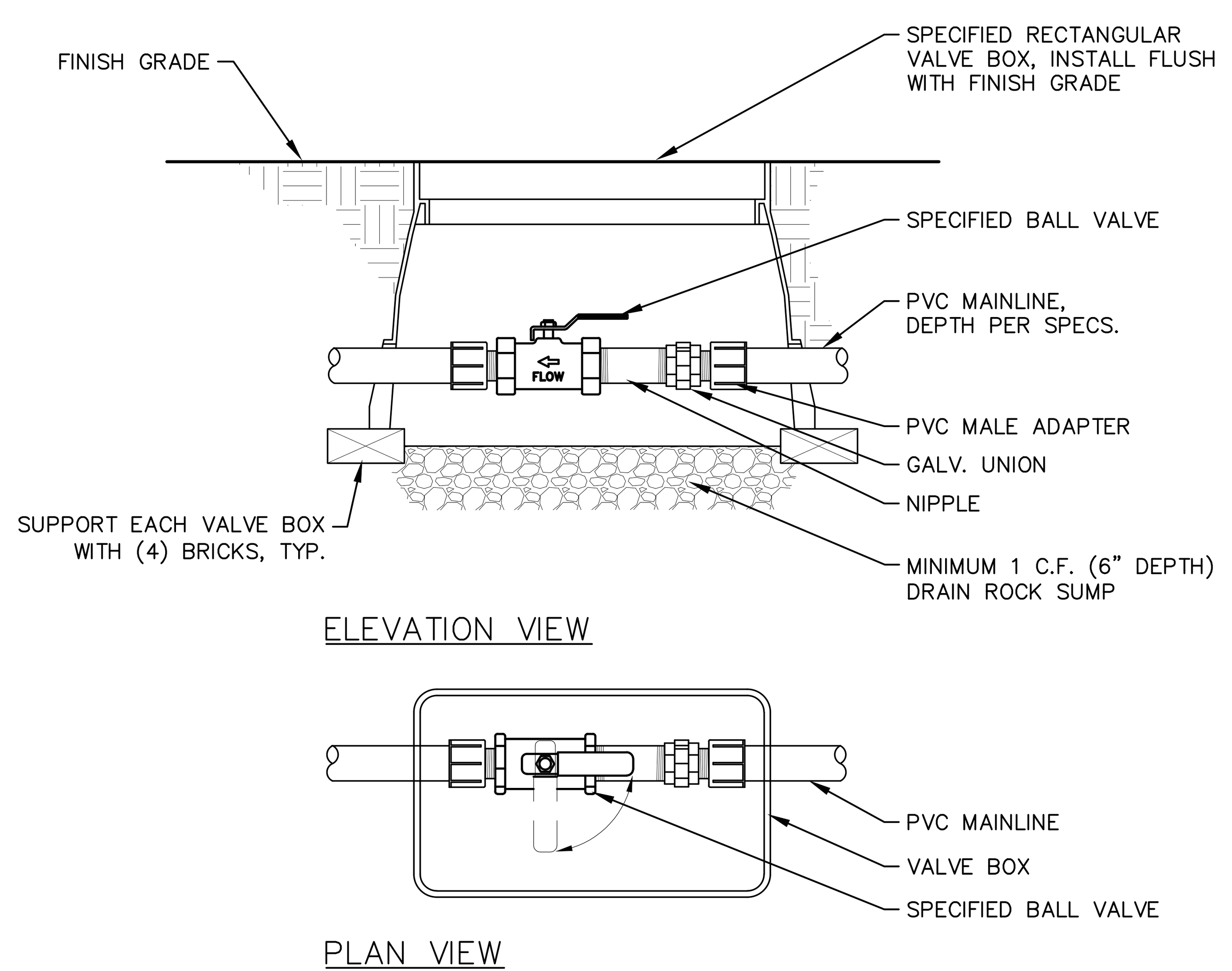
1 1/2" = 1'-0" P-AR-21



NOTES:
1. ALL PIPE AND FITTINGS TO BE SAME DIA. AS I.P.S. FEMALE CONNECTION TO DRAIN VALVE.
2. INSTALL ONE MANUAL DRAIN VALVE AT LOWEST POINT OF MAINLINE ON SITE, SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

2 MANUAL DRAIN VALVE

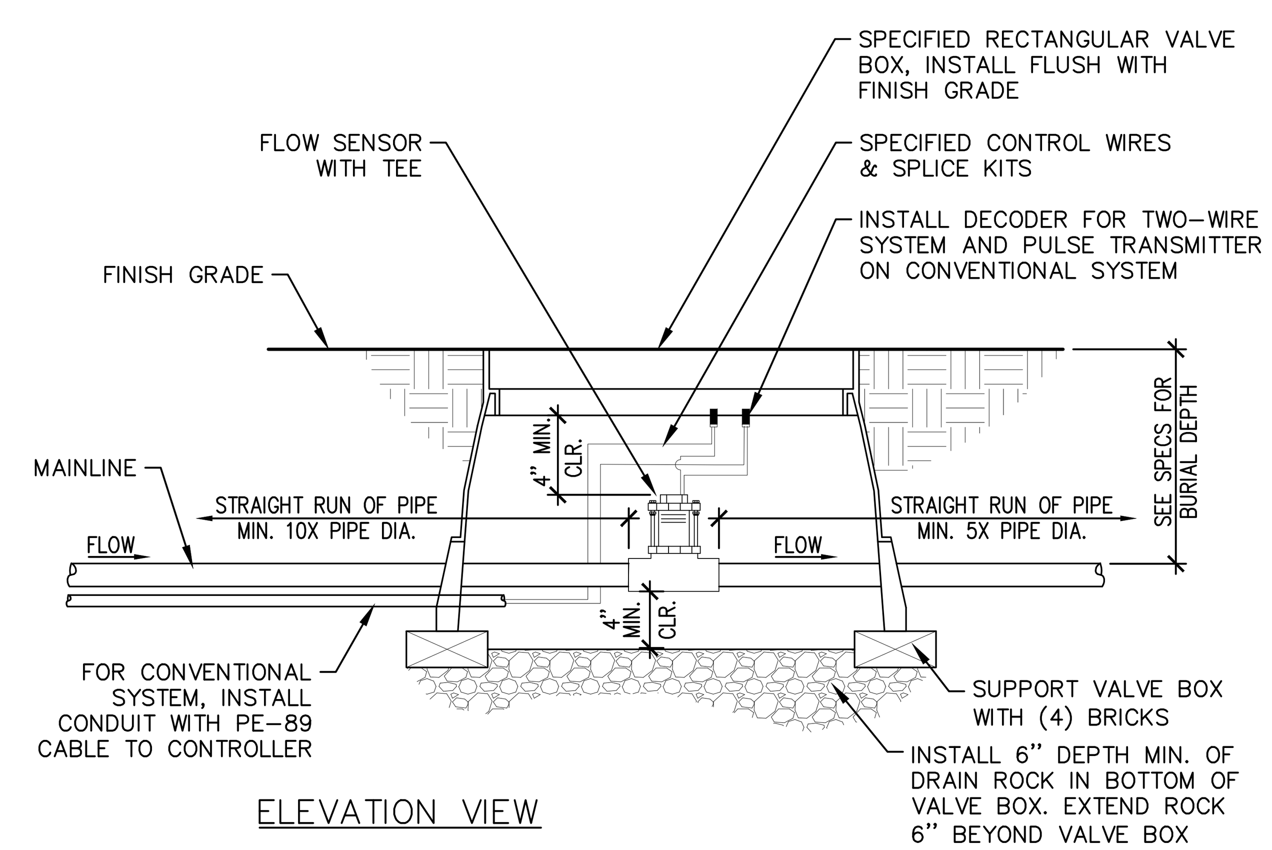
1 1/2" = 1'-0" P-AR-17



NOTES:
1. BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE. INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE, INSTALL VALVE OFF-CENTER IN BOX.
2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED FOR PROPER VALVE INSTALLATION AT MAINLINE DEPTH.

3 ISOLATION / SHUT-OFF VALVE

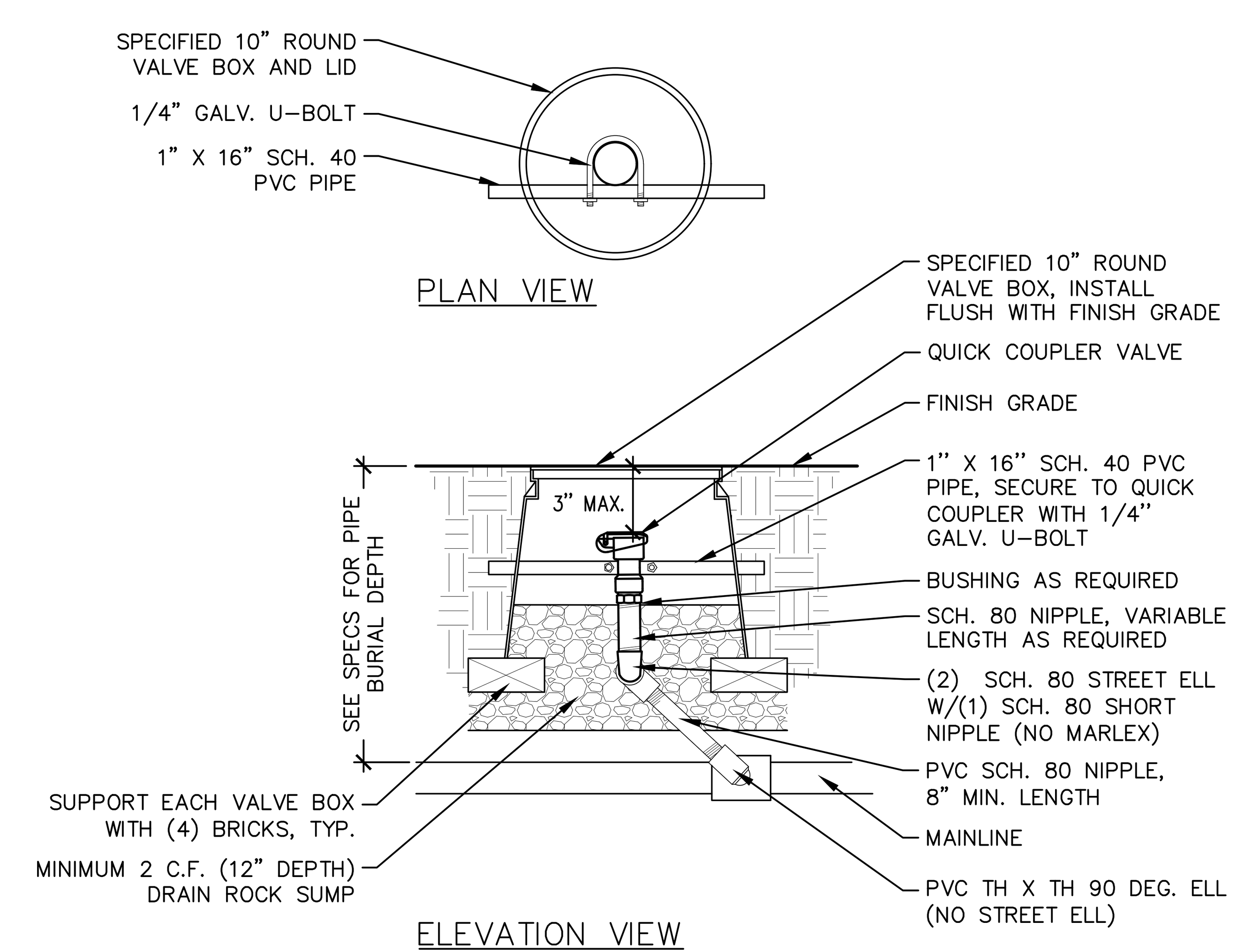
1 1/2" = 1'-0" P-AR-15



NOTES:
1. INSTALL FLOW SENSOR AS PER THE MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE VALVE BOX EXTENSION AS REQUIRED.
3. INSTALL FLOW SENSOR PERFECTLY PLUMB.

4 FLOW SENSOR

1 1/2" = 1'-0" P-AR-11



NOTES:
1. ALL THE FITTINGS AND PIPE TO BE SAME DIA. AS IPS FEMALE CONNECTION OF QUICK COUPLER.
2. QUICK COUPLER KEY MUST CLEAR VALVE BOX.

5 QUICK COUPLER VALVE

1 1/2" = 1'-0" P-AR-26

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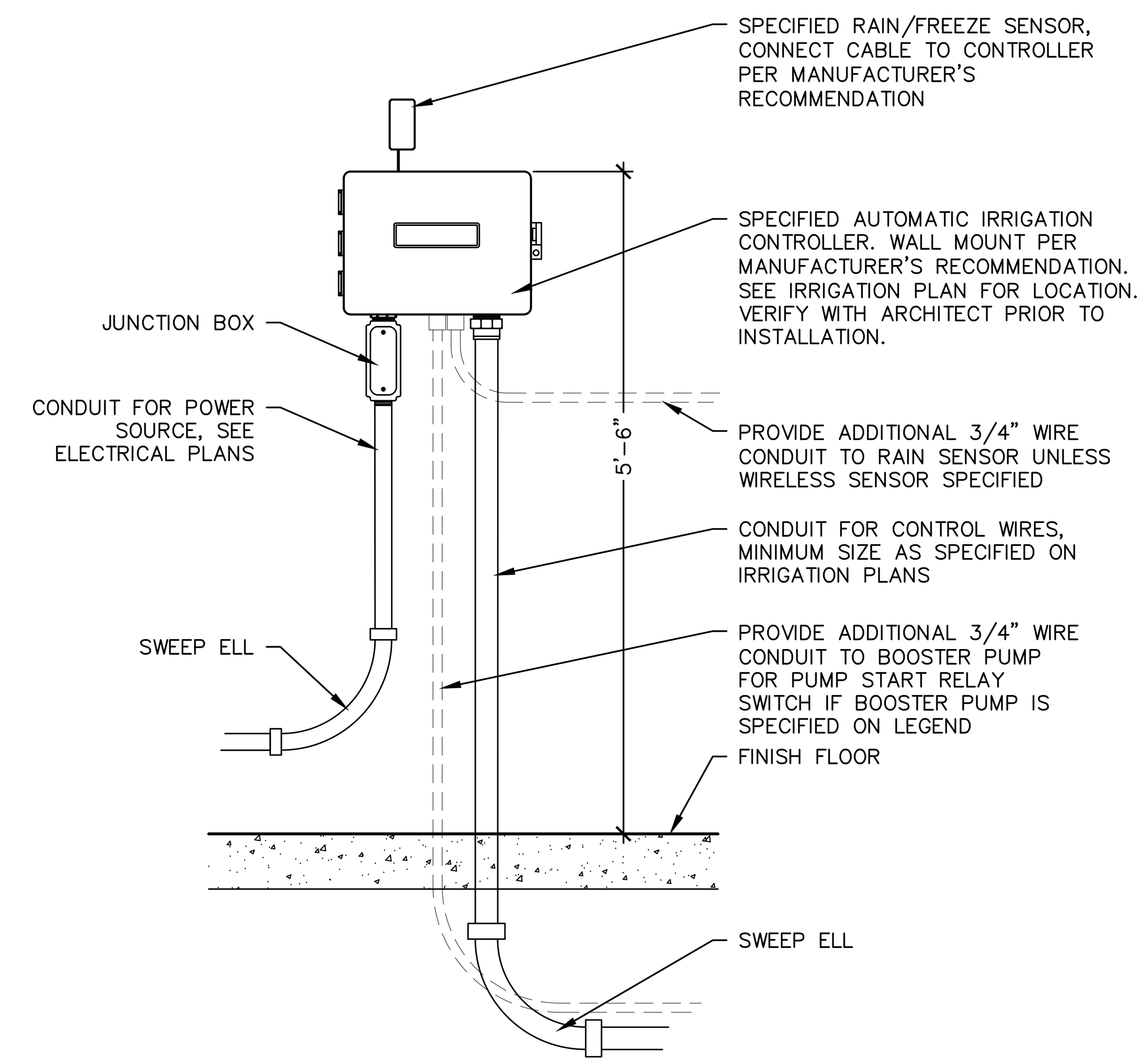
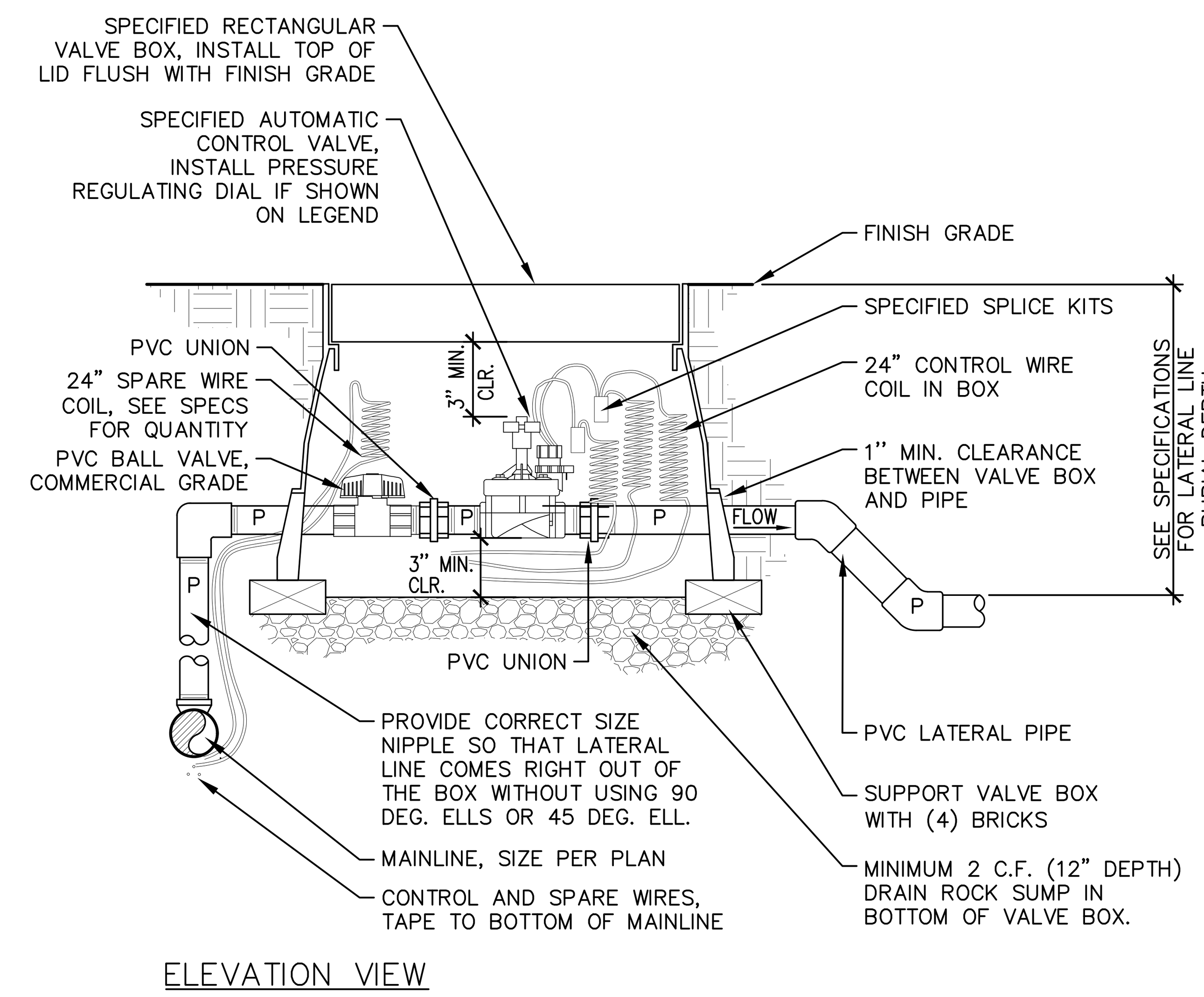
IRRIGATION DETAILS

L3.05



1 IRRIGATION CONTROLLER (INTERIOR WALL MOUNT)

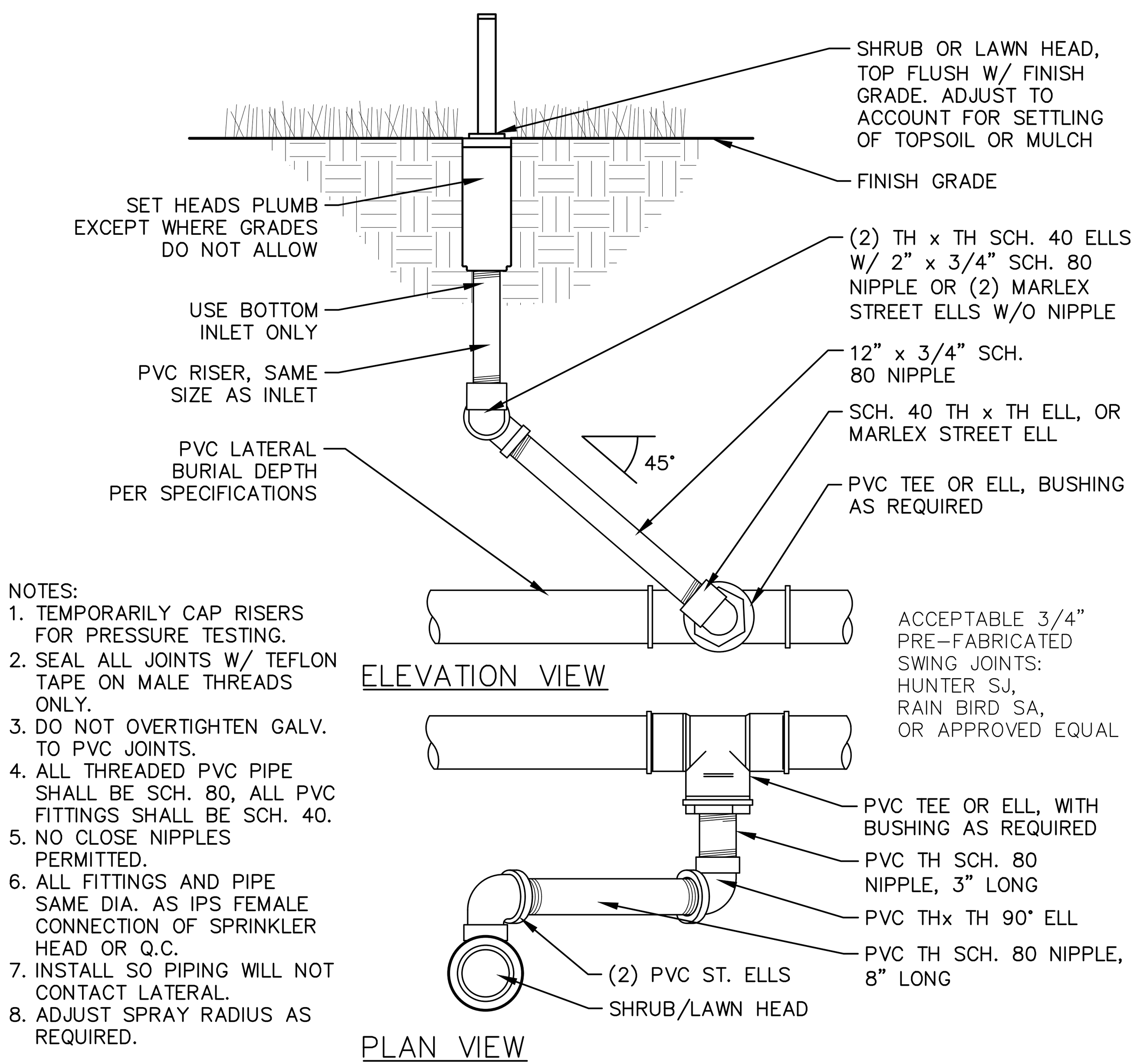
3/4" = 1'-0" P-AR-13



NOTE:
PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.

2 REMOTE CONTROL VALVE - WITH SHUT-OFF

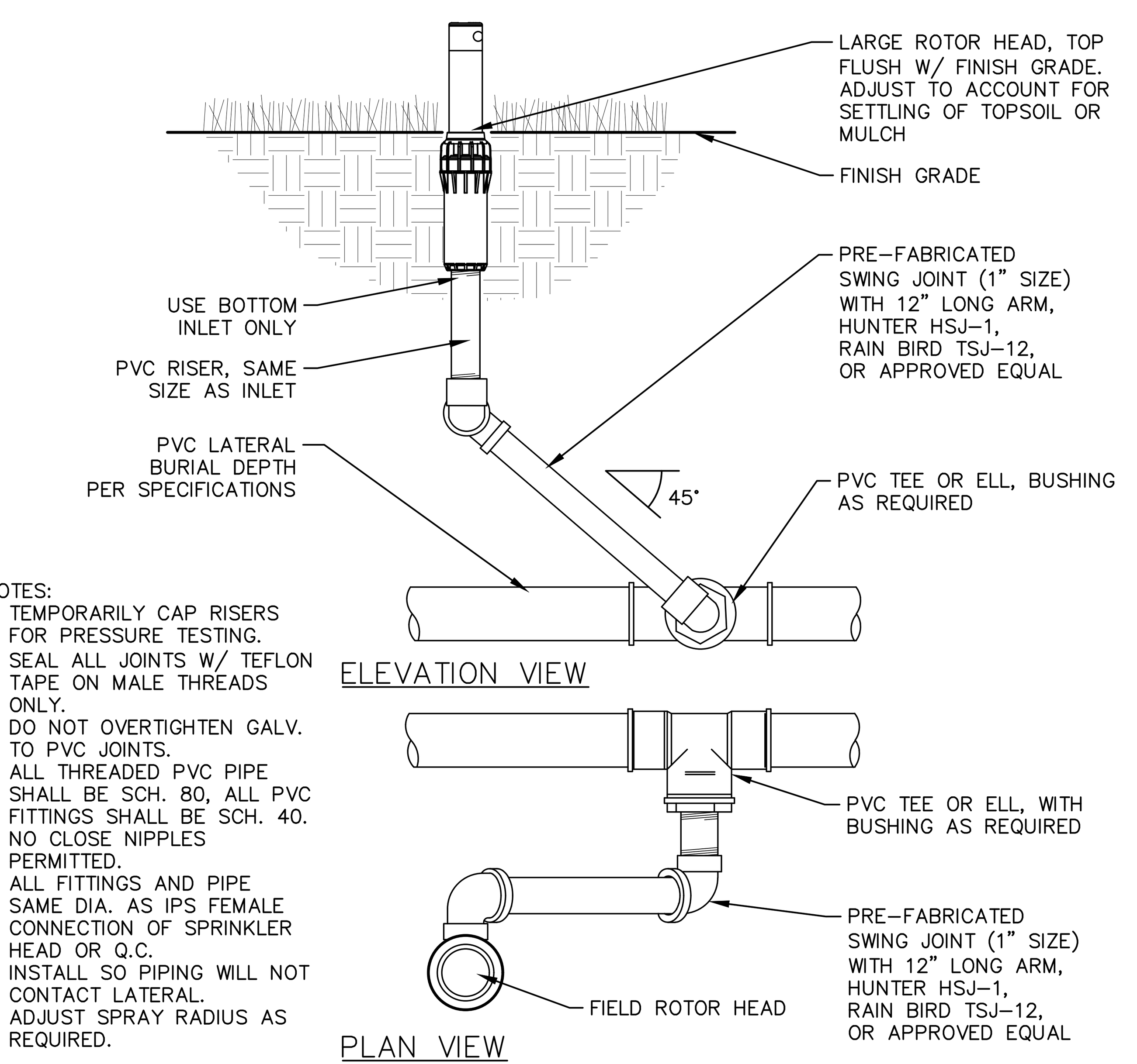
1 1/2" = 1'-0" P-AR-29



NOTES:
1. TEMPORARILY CAP RISERS FOR PRESSURE TESTING.
2. SEAL ALL JOINTS W/ TEFLON TAPE ON MALE THREADS ONLY.
3. DO NOT OVERTIGHTEN GALV. TO PVC JOINTS.
4. ALL THREADED PVC PIPE SHALL BE SCH. 80, ALL PVC FITTINGS SHALL BE SCH. 40.
5. NO CLOSE NIPPLES PERMITTED.
6. ALL FITTINGS AND PIPE SAME DIA. AS IPS FEMALE CONNECTION OF SPRINKLER HEAD OR Q.C.
7. INSTALL SO PIPING WILL NOT CONTACT LATERAL.
8. ADJUST SPRAY RADIUS AS REQUIRED.

3 IRRIGATION HEAD

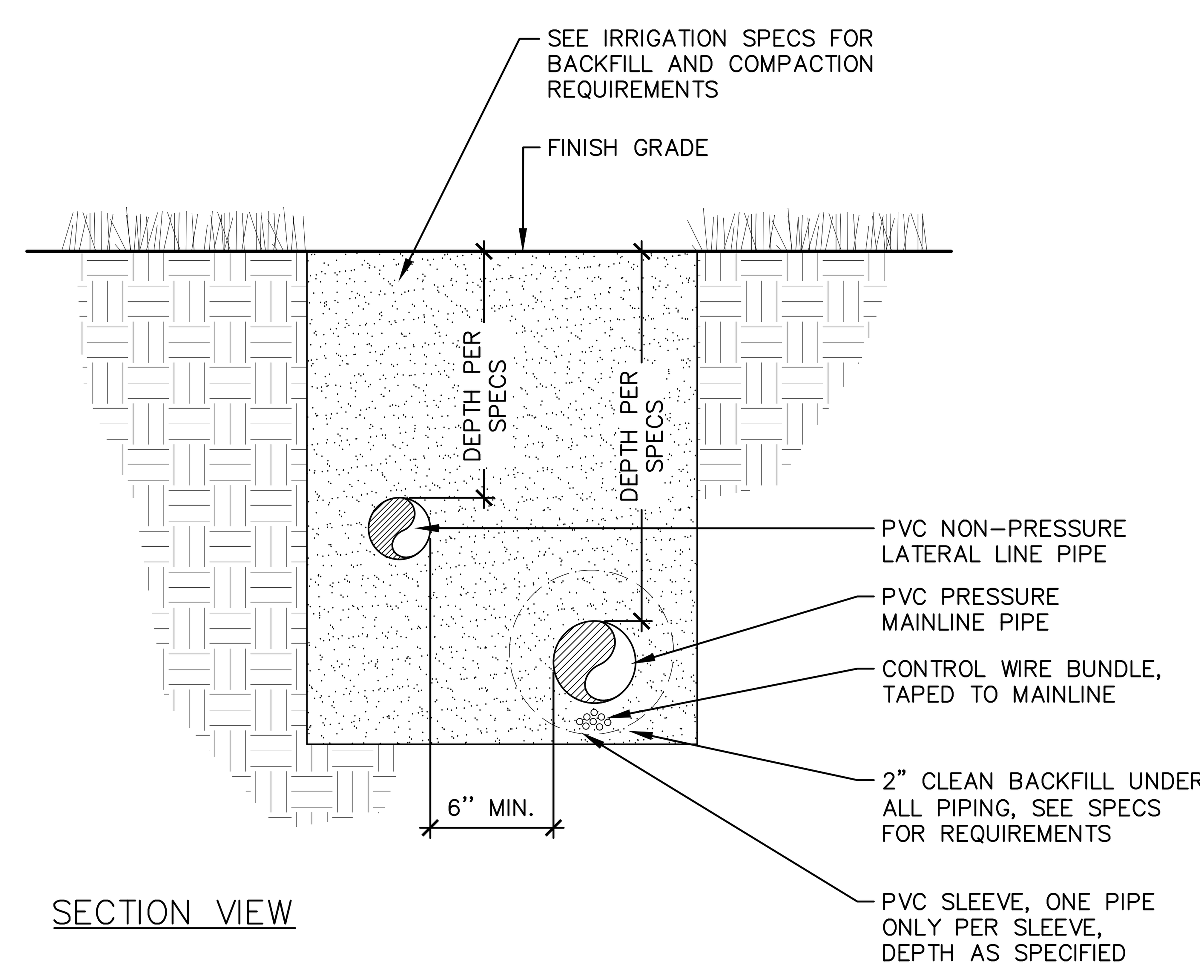
3" = 1'-0" P-AR-14



NOTES:
1. TEMPORARILY CAP RISERS FOR PRESSURE TESTING.
2. SEAL ALL JOINTS W/ TEFLON TAPE ON MALE THREADS ONLY.
3. DO NOT OVERTIGHTEN GALV. TO PVC JOINTS.
4. ALL THREADED PVC PIPE SHALL BE SCH. 80, ALL PVC FITTINGS SHALL BE SCH. 40.
5. NO CLOSE NIPPLES PERMITTED.
6. ALL FITTINGS AND PIPE SAME DIA. AS IPS FEMALE CONNECTION OF SPRINKLER HEAD OR Q.C.
7. INSTALL SO PIPING WILL NOT CONTACT LATERAL.
8. ADJUST SPRAY RADIUS AS REQUIRED.

4 LARGE ROTOR IRRIGATION HEAD

3" = 1'-0" P-AR-16



NOTES:
1. NO OTHER TRADES (ELECT. LIGHTING) ALLOWED TO USE SAME TRENCH AS IRRIGATION PIPE.
2. PROVIDE 24" COVER FOR DIRECT BURIAL CABLE.
3. PROVIDE PVC SCH. 40 SLEEVES FOR ALL WIRING AND PIPING UNDER PAVING.
4. NO STACKING (VERTICALLY) OF PIPES IN SAME TRENCH.

5 PIPE TRENCHING AND BACKFILL

1 1/2" = 1'-0" P-AR-20

6 POC PLAN ENLARGEMENT

1/8" = 1'-0" P-AR-36

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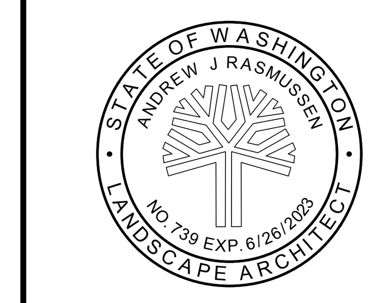

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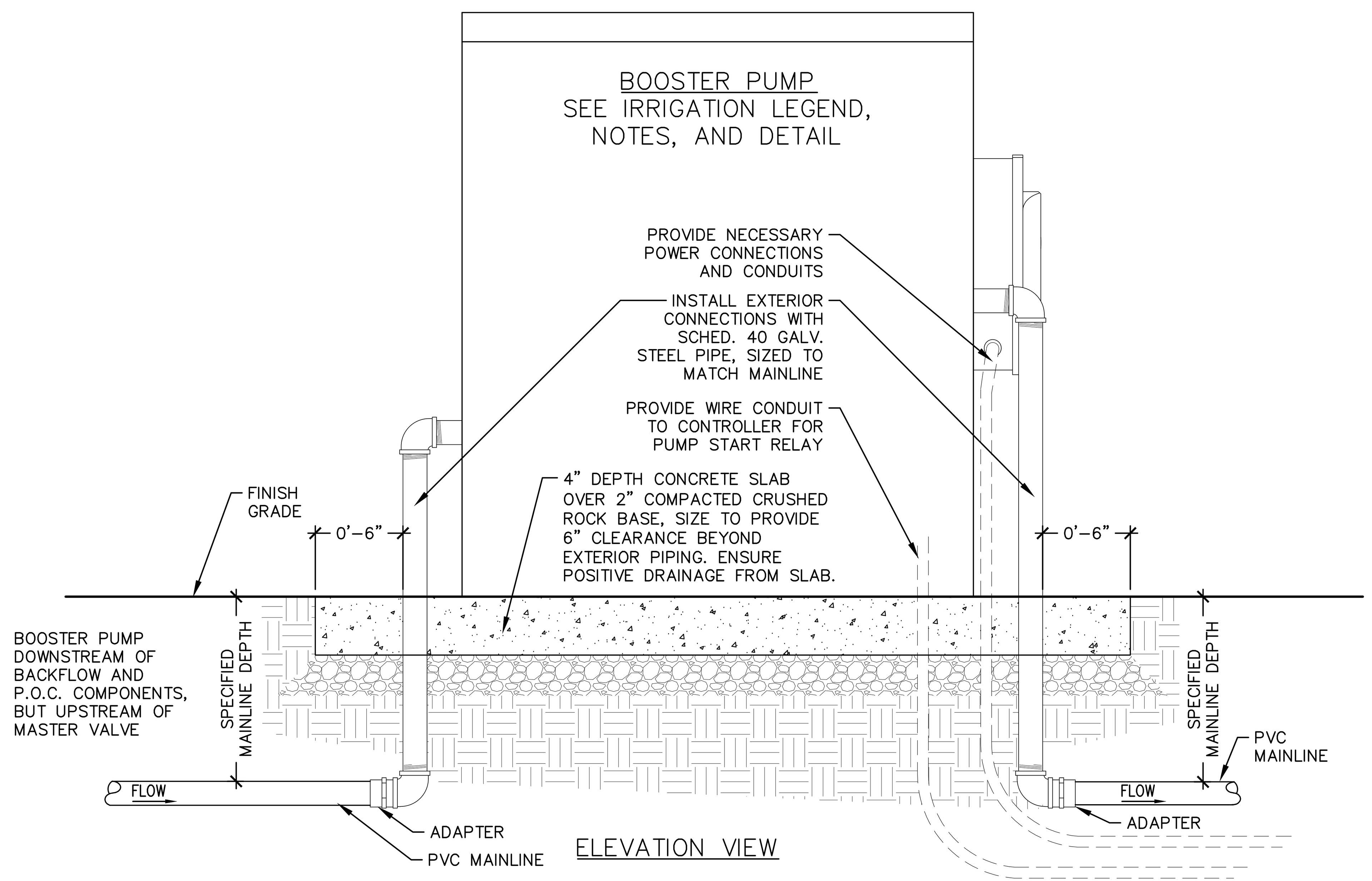
IRRIGATION DETAILS

L3.06



1 BOOSTER PUMP AT POC

1 1/2" = 1'-0"

P-AR-46

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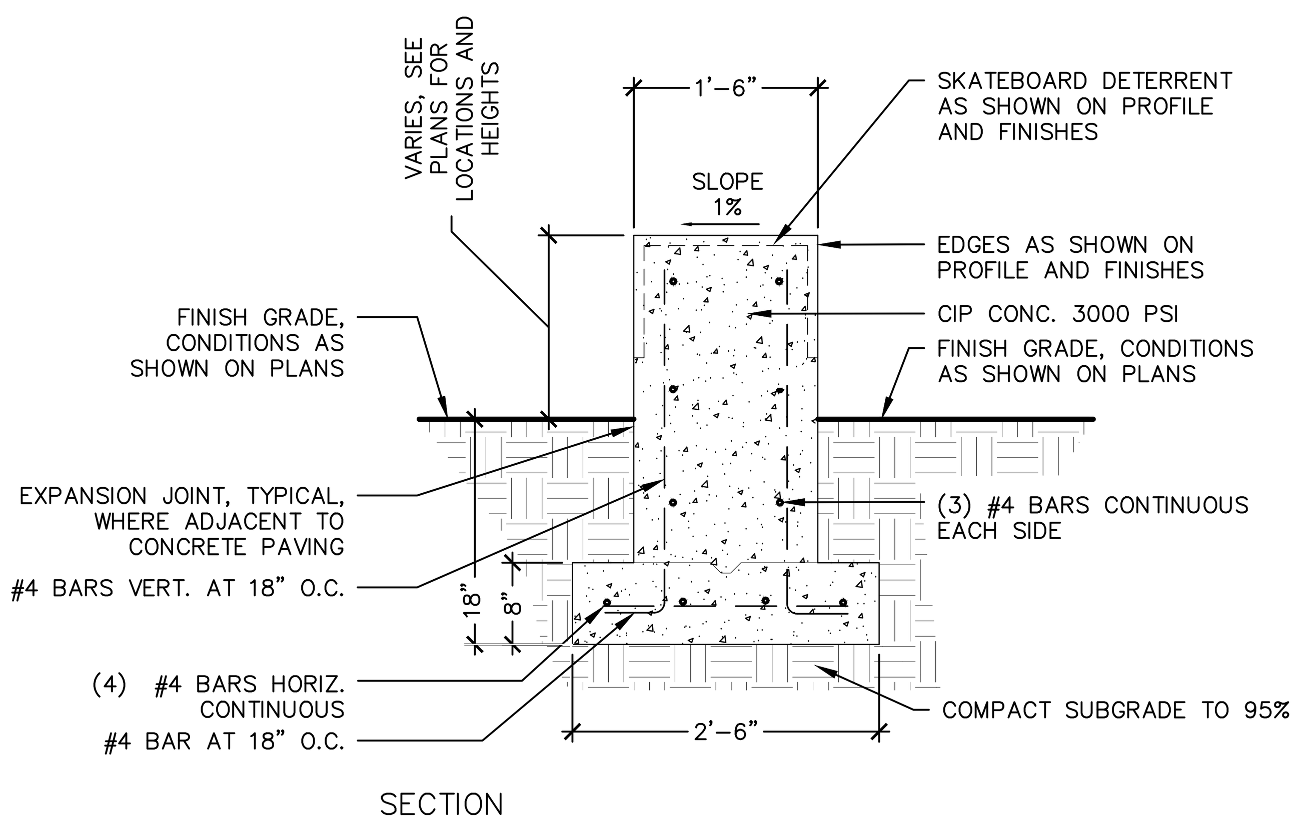
IRRIGATION DETAILS

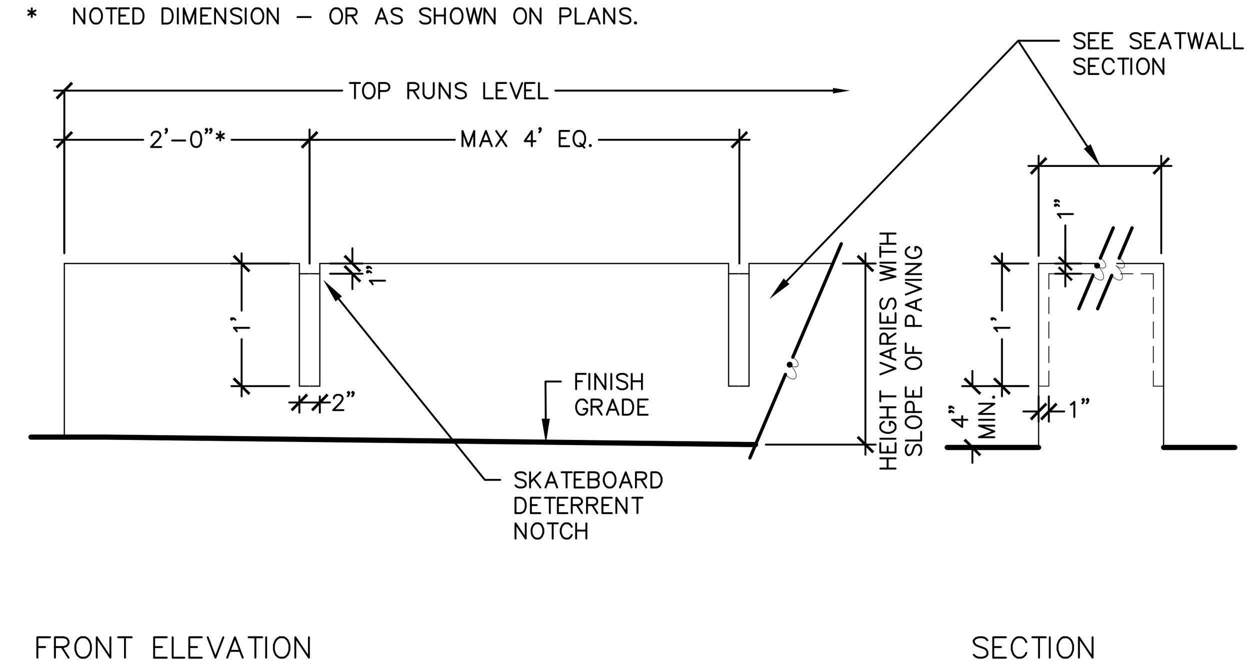
L3.07

NOTE:
1. ALL SKATEBOARD DETERRENTS ARE TO BE FORMED ON ALL TOP AND FRONT FACES OF SEAT WALLS WHEN ADJACENT TO PAVED AREAS
2. TOP OF WALL ELEVATION TO REMAIN CONSTANT. DO NOT SLOPE TOP OF WALL WITH GRADE.
3. AFTER FIRST WALL SECTION IS POURED, COORDINATE WITH ARCHITECT, LANDSCAPE ARCHITECT AND CIVIL ENGINEER REVIEW ON SITE PRIOR TO INSTALLING ADDITIONAL SEAT WALLS.

* NOTED DIMENSION – OR AS SHOWN ON PLANS.



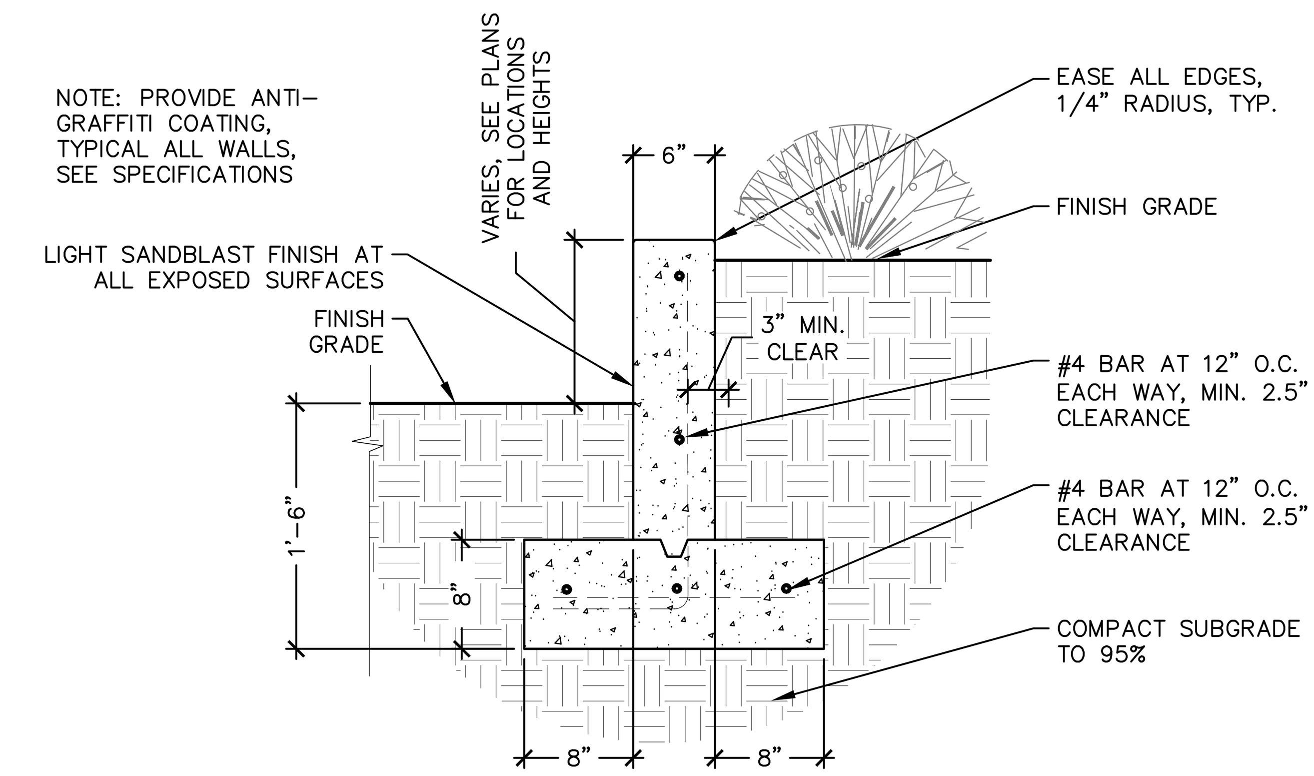
SECTION: 18" WIDTH, 18" TYP. HEIGHT



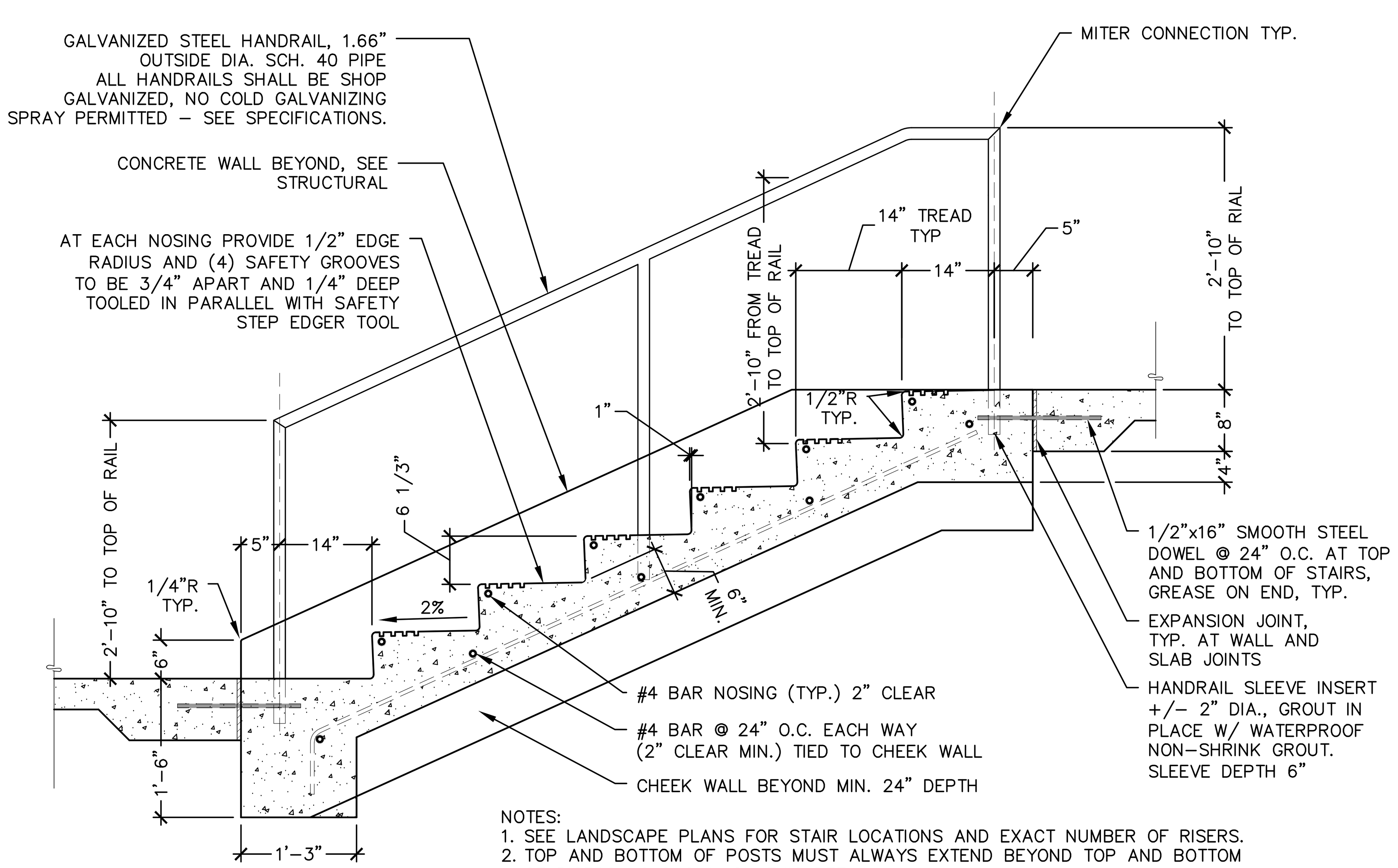
NOTES:
FINISH: LIGHT SANDBLAST FINISH
EDGES: EASE ALL EDGES, 1/4" RADIUS, TYP., FRONT, BACK, AND SIDES

PROFILE AND FINISHES

1 CONCRETE SEATWALL
3/4" = 1'-0"
P-AR-06

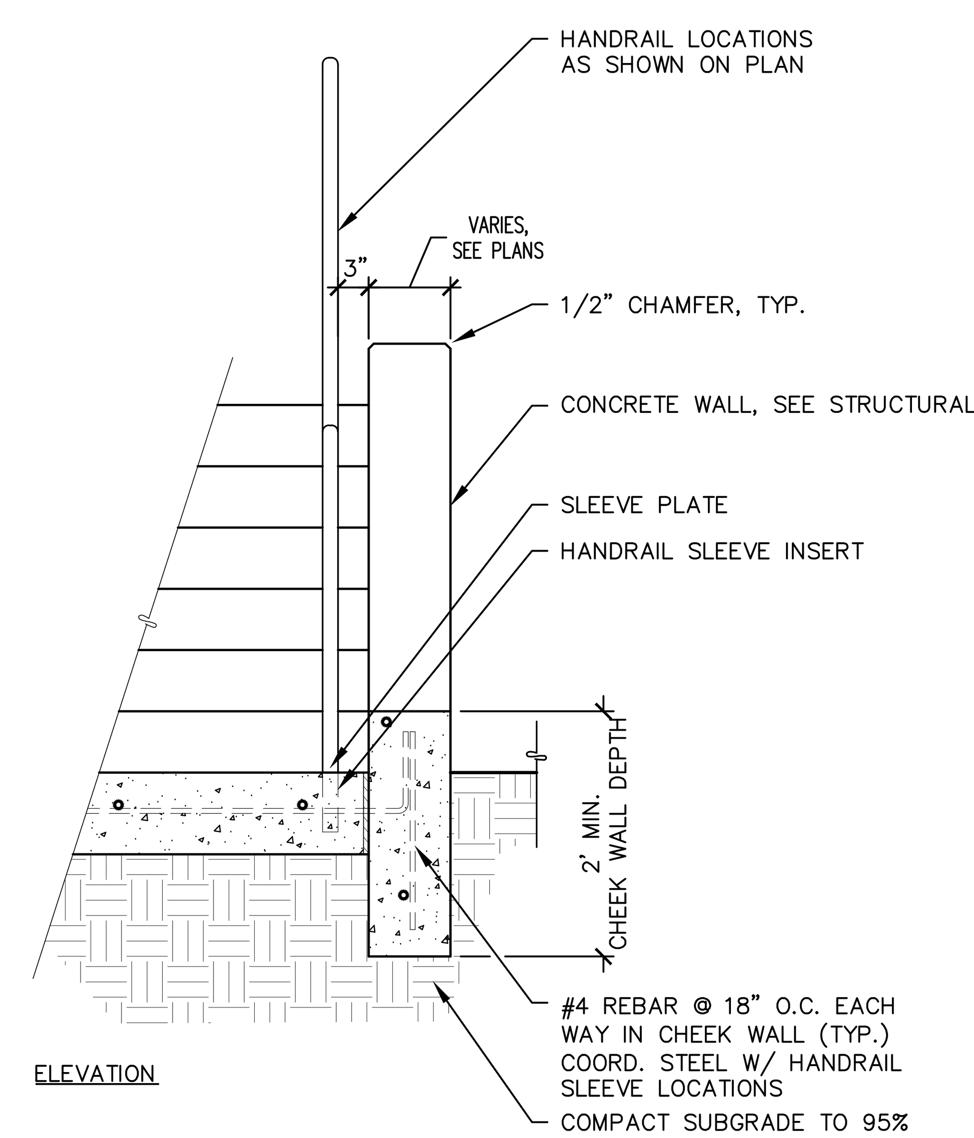


2 6" WIDTH CONCRETE PLANTER WALL
1" = 1'-0"
P-AR-07

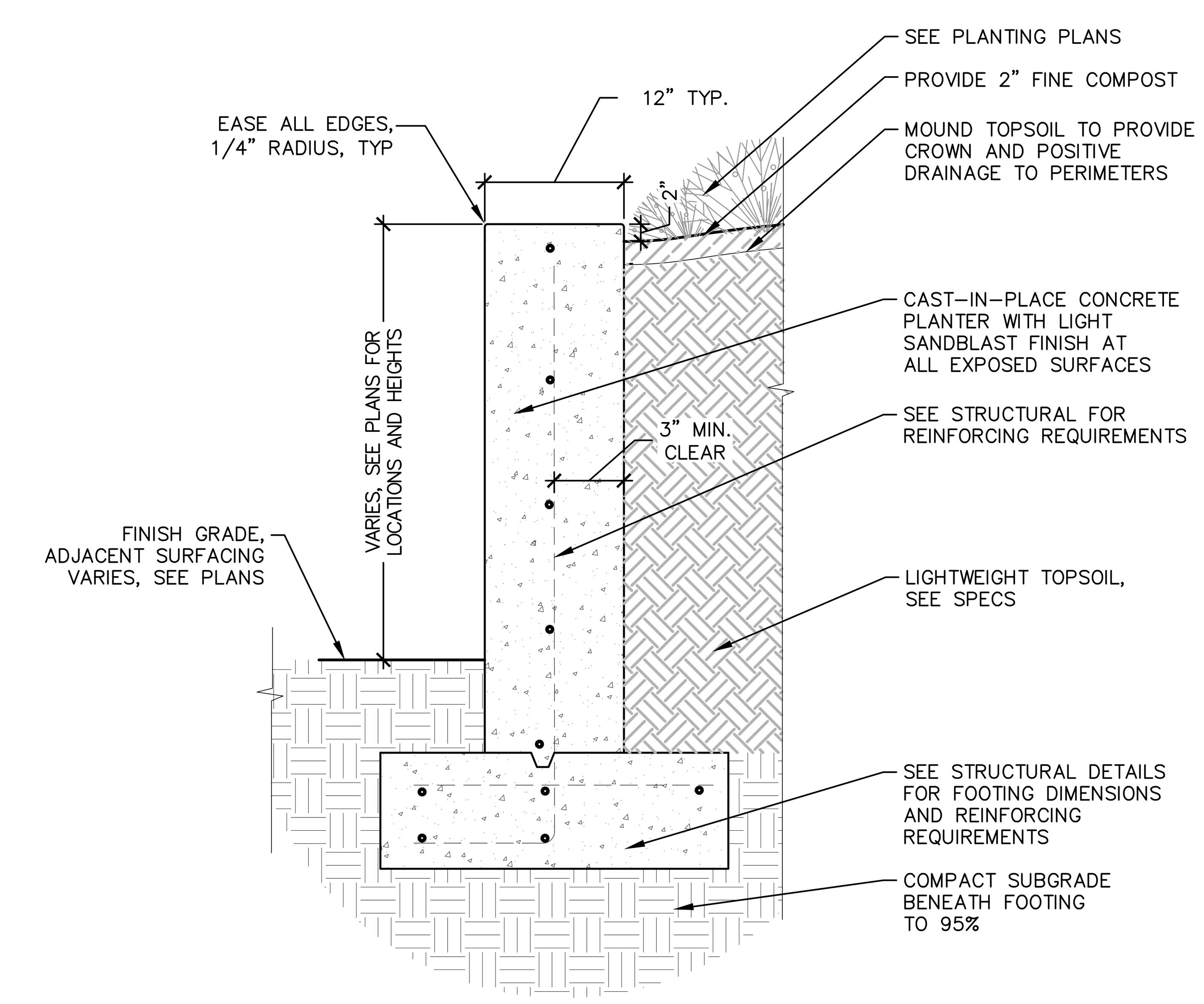


TYPICAL SECTION

NOTES:
1. SEE LANDSCAPE PLANS FOR STAIR LOCATIONS AND EXACT NUMBER OF RISERS.
2. TOP AND BOTTOM OF POSTS MUST ALWAYS EXTEND BEYOND TOP AND BOTTOM OF RISERS AS SHOWN ON THIS DETAIL.
3. PROVIDE INTERMEDIATE POSTS AS SHOWN ON STAIR PROFILES.
4. PROVIDE LIGHT BROOM FINISH ON ALL STAIR TREADS.
7. PROVIDE SHOP DRAWINGS OF STEEL HANRAILS FOR APPROVAL.
8. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



3 CONCRETE STAIRS
3/4" = 1'-0"
P-AR-09



4 12" WIDTH CONCRETE PLANTER WALL
1" = 1'-0"
P-AR-08

WEISMANDESIGNGROUP

STATE OF WASHINGTON
ANDREW J RASMUSSEN
NO. 739 EXP. 6/26/2023
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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	06/08/2023
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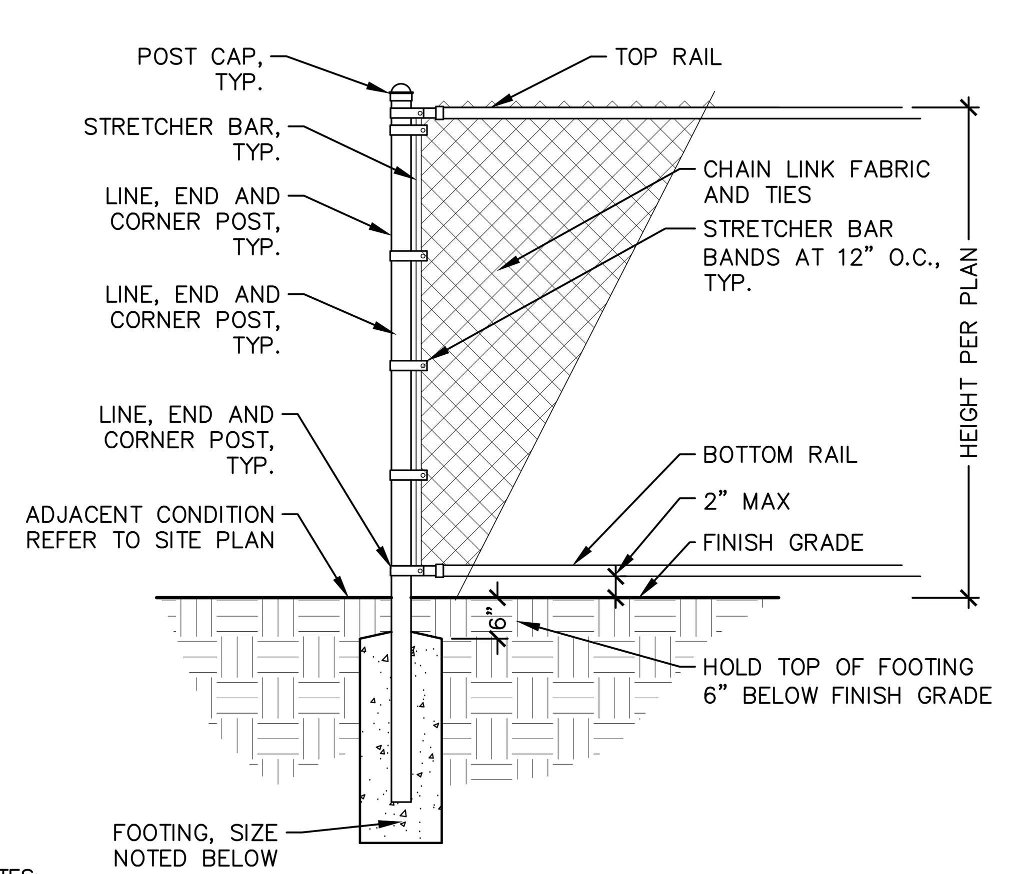
REVISIONS:	
100% DD	8/25/23

SITE DETAILS

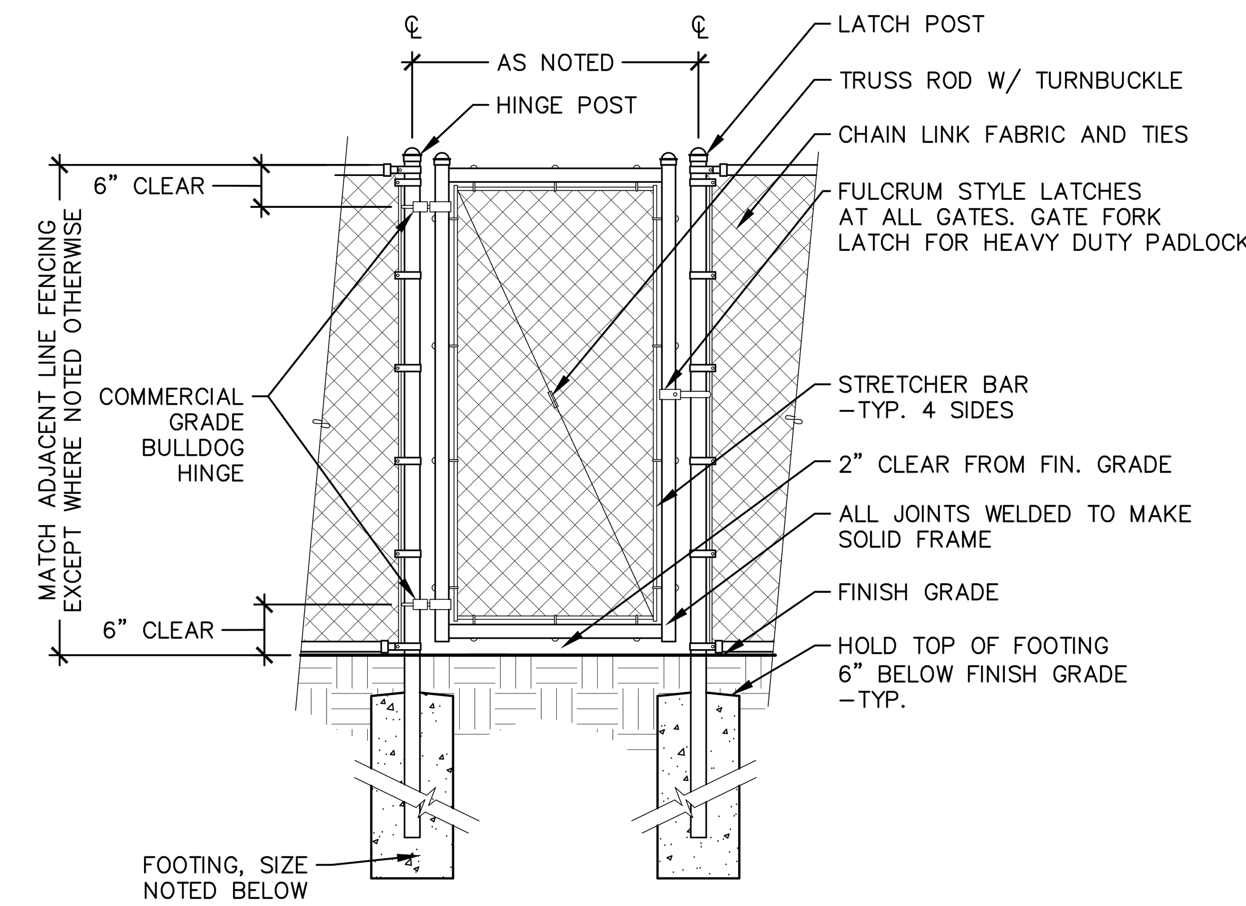
L4.00



NOTES:
1. SEE SPECIFICATION SECTION 323113 FOR ADDITIONAL INFORMATION ON POSTS, RAILS, FOOTING AND OTHER COMPONENTS.
2. PROVIDE CONCRETE MOW STRIPS WHERE SHOWN ON DRAWINGS.
3. ALL FENCE COMPONENTS TO BE BLACK VINYL COATED OR BLACK POWDERCOATED.
4. REFER TO SITE PLAN AND GATE SCHEDULE.
5. ALL MESH OPENING TO BE 2" OR OTHERWISE NOTED ON PLAN.
6. PROVIDE CONTROL OR EXPANSION JOINT AT EACH POST LOCATED IN CONCRETE.
7. POST SPACING 10'-0" O.C. MAX.
8. END/CORNER POST FOOTINGS: 12" HOLE DIAMETER, 42" DEEP, 36" POST EMBEDMENT.
9. LINE POST FOOTINGS: 12" HOLE DIAMETER, 36" DEEP, 30" POST EMBEDMENT.

1 4'-6' HT. CHAIN LINK FENCE

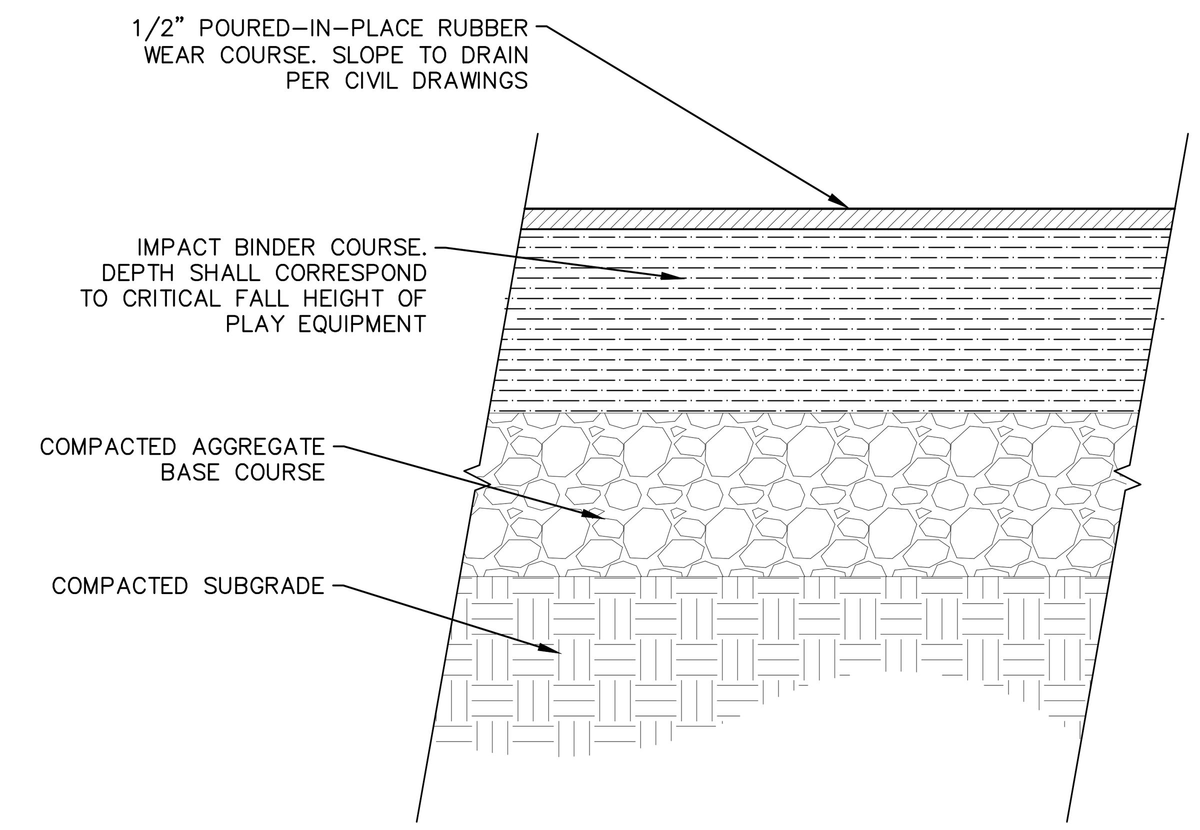
1/2" = 1'-0" P-AR-03



NOTES:
1. SEE SPECIFICATION SECTION 323113 FOR ADDITIONAL INFORMATION ON POSTS, FOOTING AND OTHER COMPONENTS.
2. ALL GATES TO BE INSTALLED PLUMB, AND SECURE FOR FULL OPENING WITHOUT INTERFERENCES.
3. ATTACH HARDWARE BY MEANS WHICH WILL PREVENT UNAUTHORIZED REMOVAL.
4. ADJUST HARDWARE FOR SMOOTH OPERATION.
5. REFER TO SITE PLAN AND GATE SCHEDULE.
6. ALL GATE COMPONENTS TO BE BLACK VINYL COATED OR BLACK POWDERCOATED.
7. ALL MESH OPENING TO BE 2" OR OTHERWISE NOTED ON PLAN.
8. GATE POST FOOTINGS: 12" HOLE DIAMETER, 42" DEEP, 42" POST EMBEDMENT.
9. PROVIDE BLACK VINYL SIGHT OBSCURING SLATS WHERE NOTED ON PLAN.

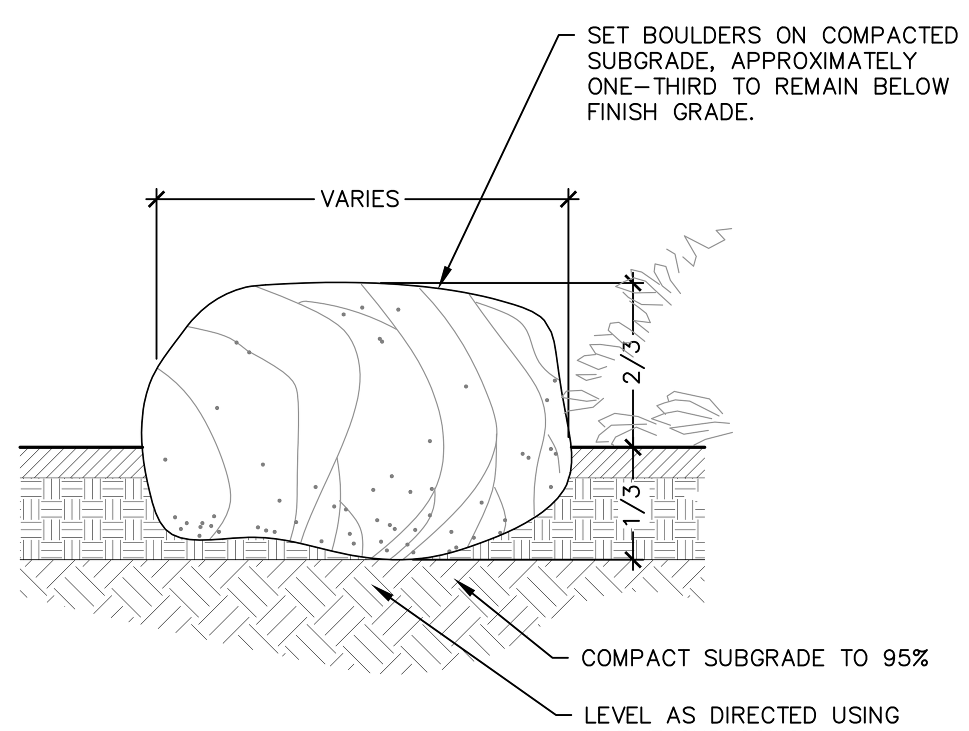
2 SINGLE SWING CHAIN LINK GATE

1/2" = 1'-0" P-AR-02

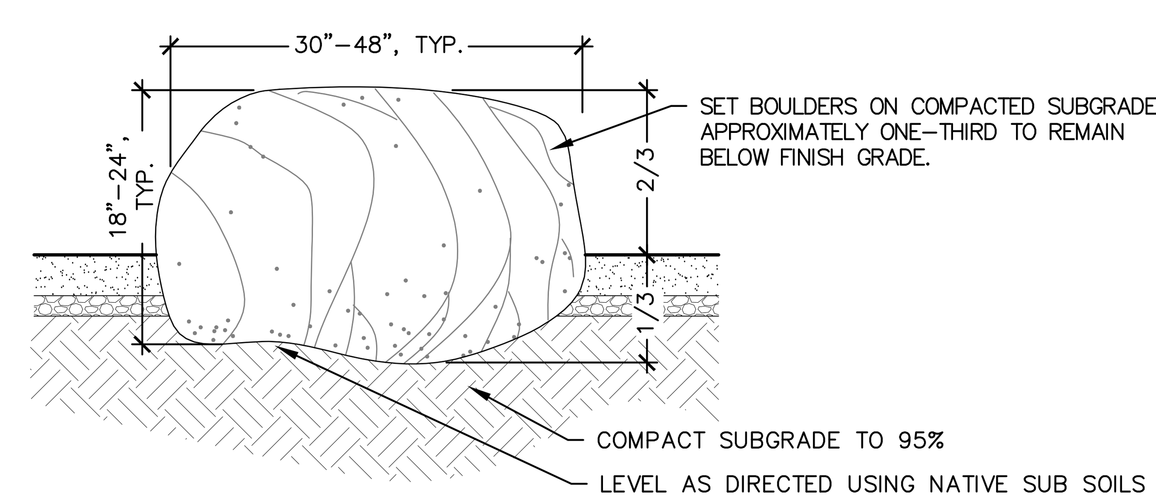


3 POURED IN PLACE RUBBER SAFETY SURFACING

3" = 1'-0" P-AR-45



PLACEMENT IN PLANTING BED

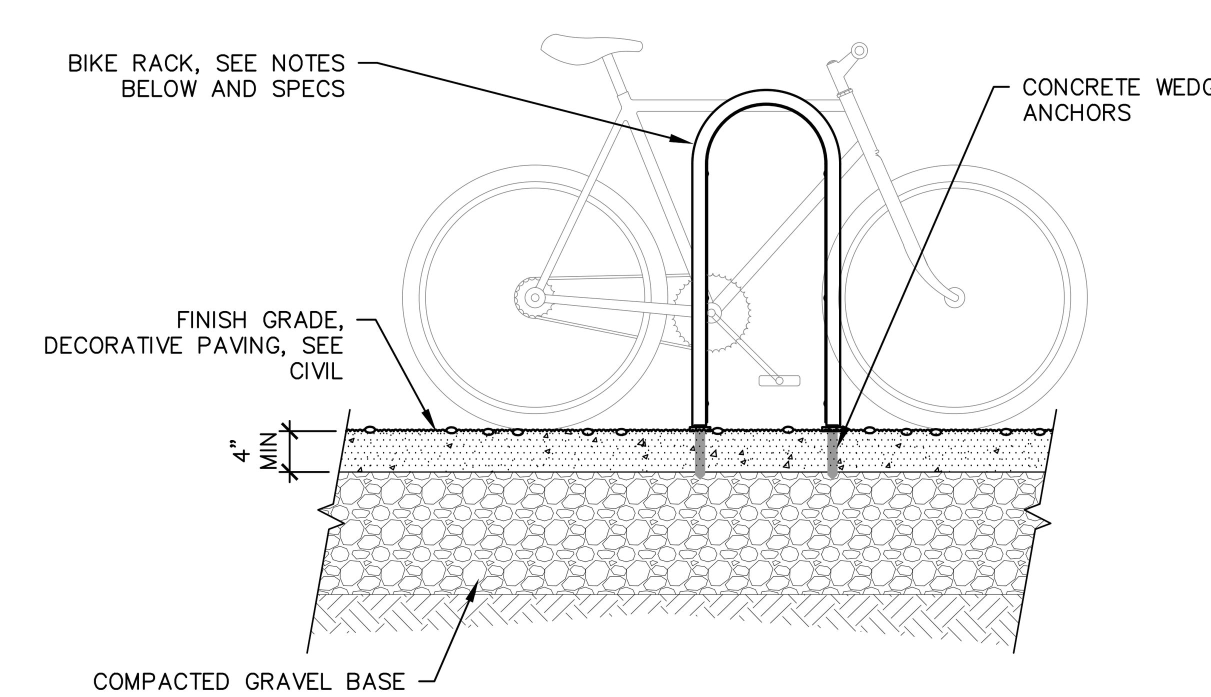


PLACEMENT IN GRAVEL

NOTES:
1. LANDSCAPE ARCHITECT TO DIRECT PLACEMENT OF ALL BOULDERS IN FIELD.
2. ALL SEAT BOULDERS TO BE MINIMUM 18" ABOVE FINISH GRADE, MAXIMUM 24" HT.
3. BACKFILL AND COMPACT ALL GAPS ON SIDES AND BOTTOM TO PROHIBIT MOVEMENT AND MINIMIZE SETTLING.
4. REMOVE ALL DIRT AND DEBRIS FROM BOULDER SURFACES.
5. SEE SPECIFICATIONS FOR BOULDER TYPE / SIZES
6. SEE GRADING PLANS FOR FINISH GRADE ELEVATIONS TOP AND BOTTOM OF BOULDERS.

4 BOULDER

3/4" = 1'-0" P-AR-18



NOTES:
1. SPORTWORKS "WESTPORT" BIKE RACK WWW.SPORTWORKS.COM.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

5 BIKE RACK

3/4" = 1'-0" P-AR-43

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SMOKEY POINT COMMUNITY PARK

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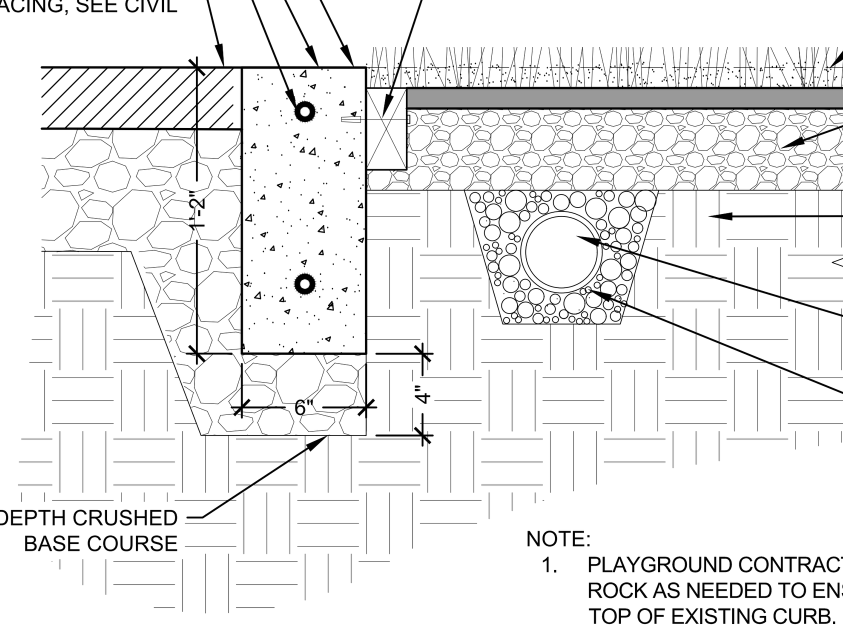
100% DD	8/25/23

SITE DETAILS

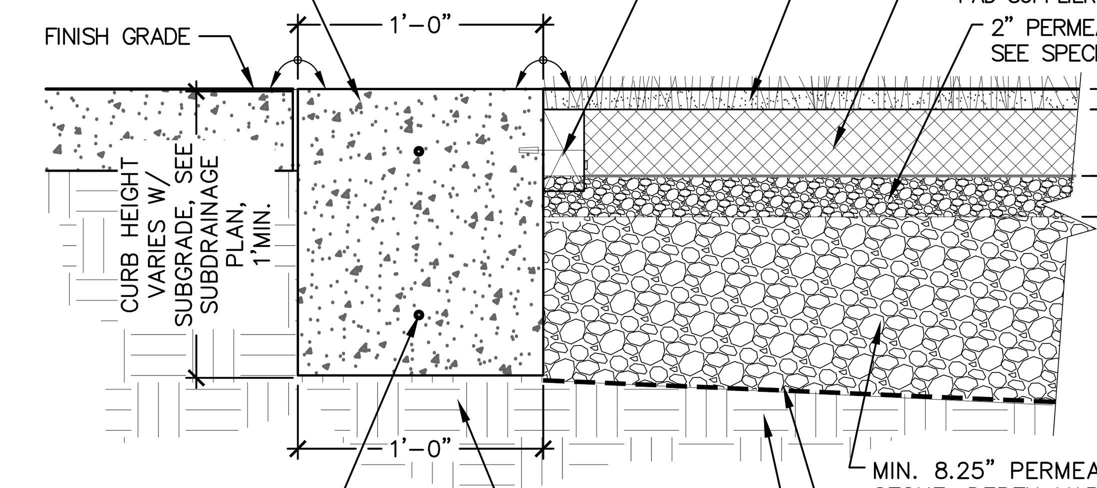
L4.01



NOTE:
1. PLAYGROUND CONTRACTOR TO PROVIDE ADDITIONAL BASE ROCK AS NEEDED TO ENSURE TOP OF INFILL IS FLUSH WITH TOP OF EXISTING CURB.
2. REFER TO SPECIFICATIONS.

2 FLUSH CURB AT SOFT SURFACE PLAY AREA W/ 4" PERF PIPE

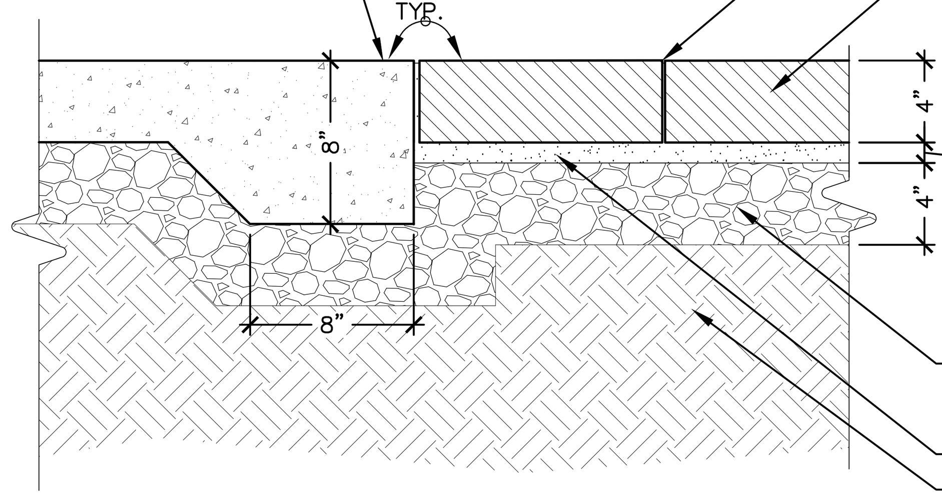
1 1/2" = 1'-0" P-AR-12



NOTE:
1. PLAY EQUIPMENT STRUCTURES TO BE PROVIDED AND INSTALLED BY OTHERS VIA PURCHASING COOPERATIVE.
2. COORDINATE PLAY EQUIPMENT FOOTING INSTALLATION TO OCCUR PRIOR TO PLACEMENT OF GEOTEXTILE AND BASE ROCK.
3. COORDINATE NAILER INSTALLATION WITH SYNTHETIC TURF INSTALLER ASA NEEDED.
4. COORDINATE SUB DRAINAGE WITH PLAY STRUCTURE FOOTINGS.
5. MAXIMUM SLOPE WITHIN PLAY EQUIPMENT FALL ZONE IS 2%.

3 SYNTHETIC TURF AT PLAY AREA

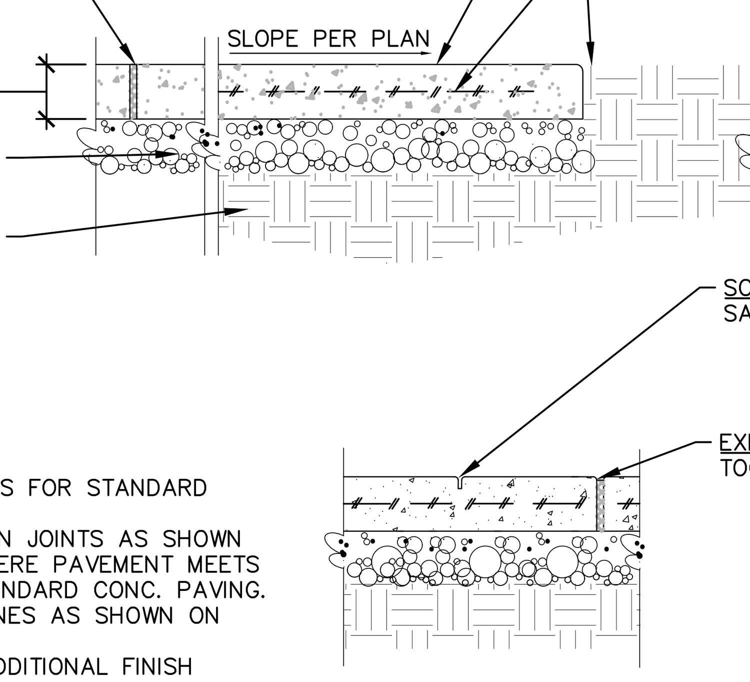
1 1/2" = 1'-0" P-AR-37



NOTES:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS FOR SAND SET PAVERS.
2. PAVERS TO BE ENGRAVED WITH DONOR NAMES PER DISTRICT DIRECTION. COORDINATE ENGRAVING WITH DISTRICT AS NEEDED.
3. SEE PLANS FOR CONCRETE PAVER LOCATION, LAYOUT PATTERN, COLOR AND OTHER REQUIREMENTS.

4 SAND SET DONOR PAVERS

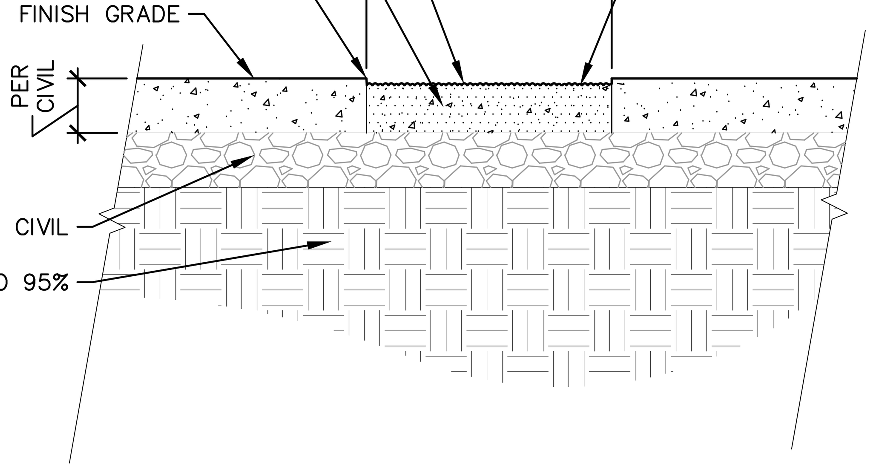
1 1/2" = 1'-0" P-AR-40



NOTE:
1. SEE CIVIL DRAWINGS FOR STANDARD CONCRETE DETAIL.
2. PROVIDE EXPANSION JOINTS AS SHOWN ON PLAN, AND WHERE PAVEMENT MEETS BUILDINGS, OR STANDARD CONC. PAVING.
3. PROVIDE SCORE LINES AS SHOWN ON PLAN.
4. SEE SPECS FOR ADDITIONAL FINISH REQUIREMENTS.

5 CIP CONCRETE PAVING

1" = 1'-0" P-AR-39



NOTES:
1. SEE PLAN FOR LAYOUT AND LOCATIONS.

6 ACCENT PAVING BAND

1" = 1'-0" P-AR-44

WEISMANDESIGNGROUP

STATE OF WASHINGTON · ANDREW J RASMUSSEN · LANDSCAPE ARCHITECT · NO 739 EXP. 6/26/2023

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SMOKEY POINT COMMUNITY PARK

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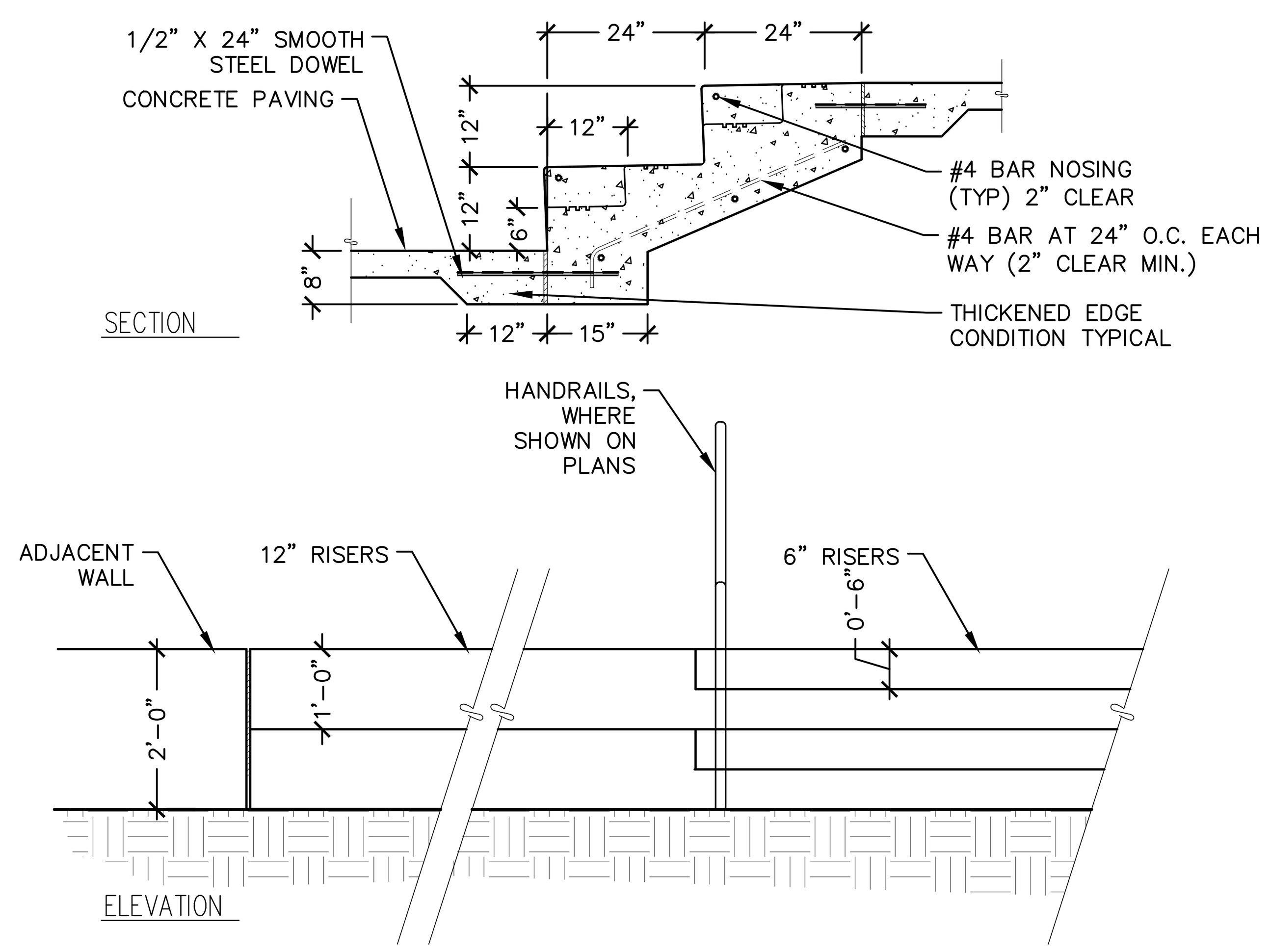
100% DD	8/25/23

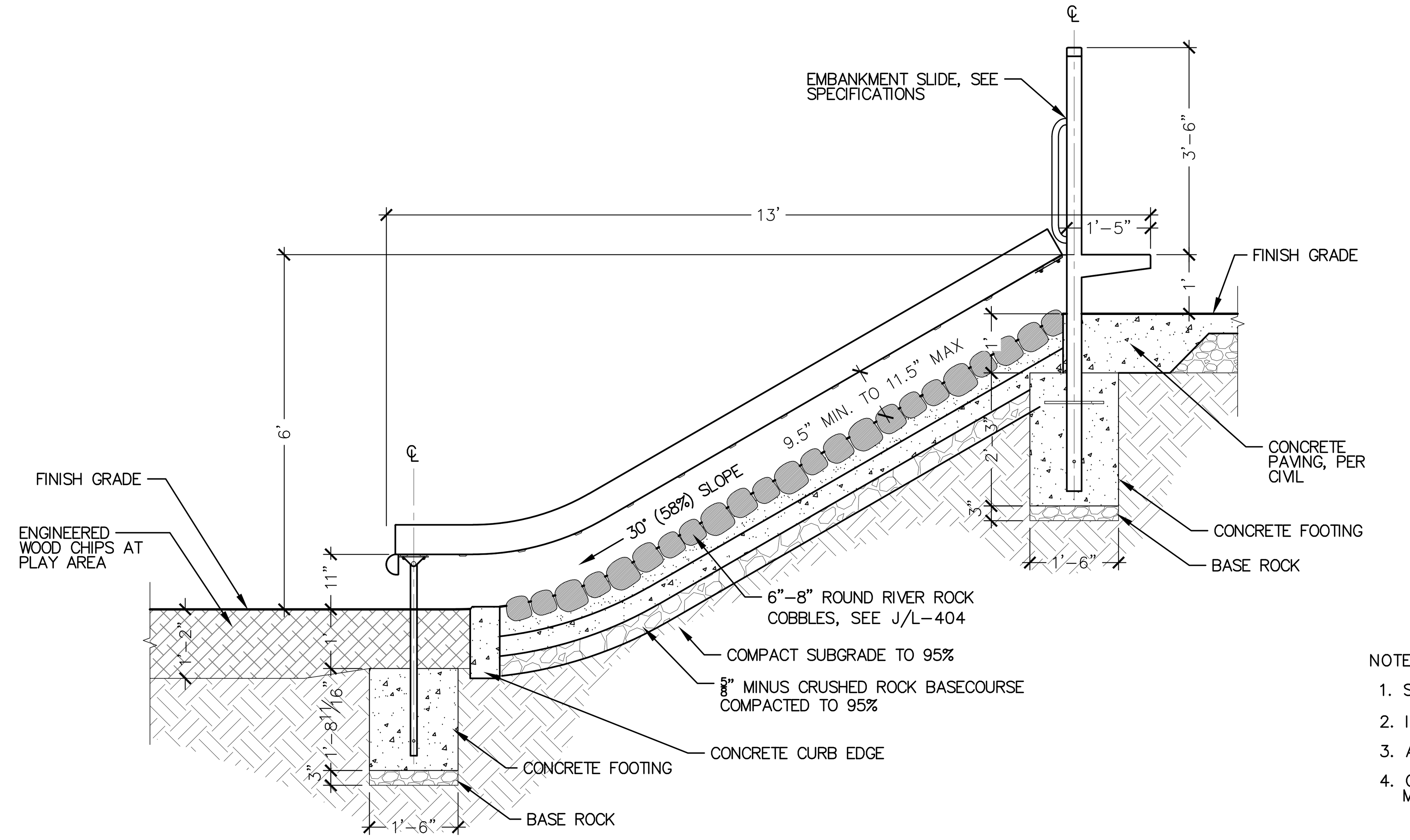
SITE DETAILS

L4.02



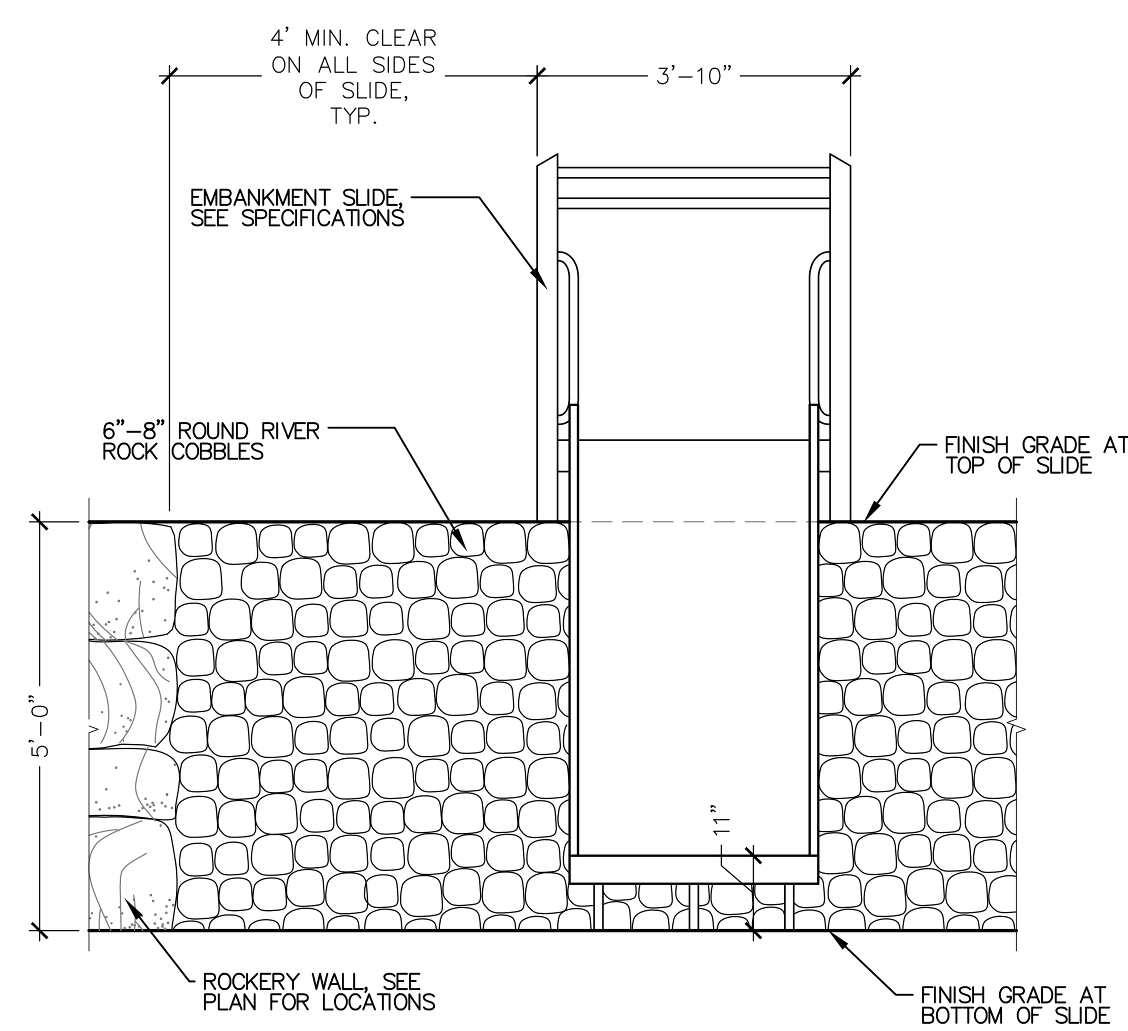
NOTES:
1. SEE PLANS FOR STAIR LOCATIONS AND EXACT NUMBER OF RISERS.
2. PROVIDE LIGHT BROOM FINISH ON ALL STAIR TREADS UNLESS OTHERWISE SPECIFIED.
3. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE TACTILE SCORED 1/2" GROOVE PATTERN EACH STAIR PER STANDARD STAIR DETAIL.

1 MONUMENT STAIRS
1/2" = 1'-0" P-AR-30

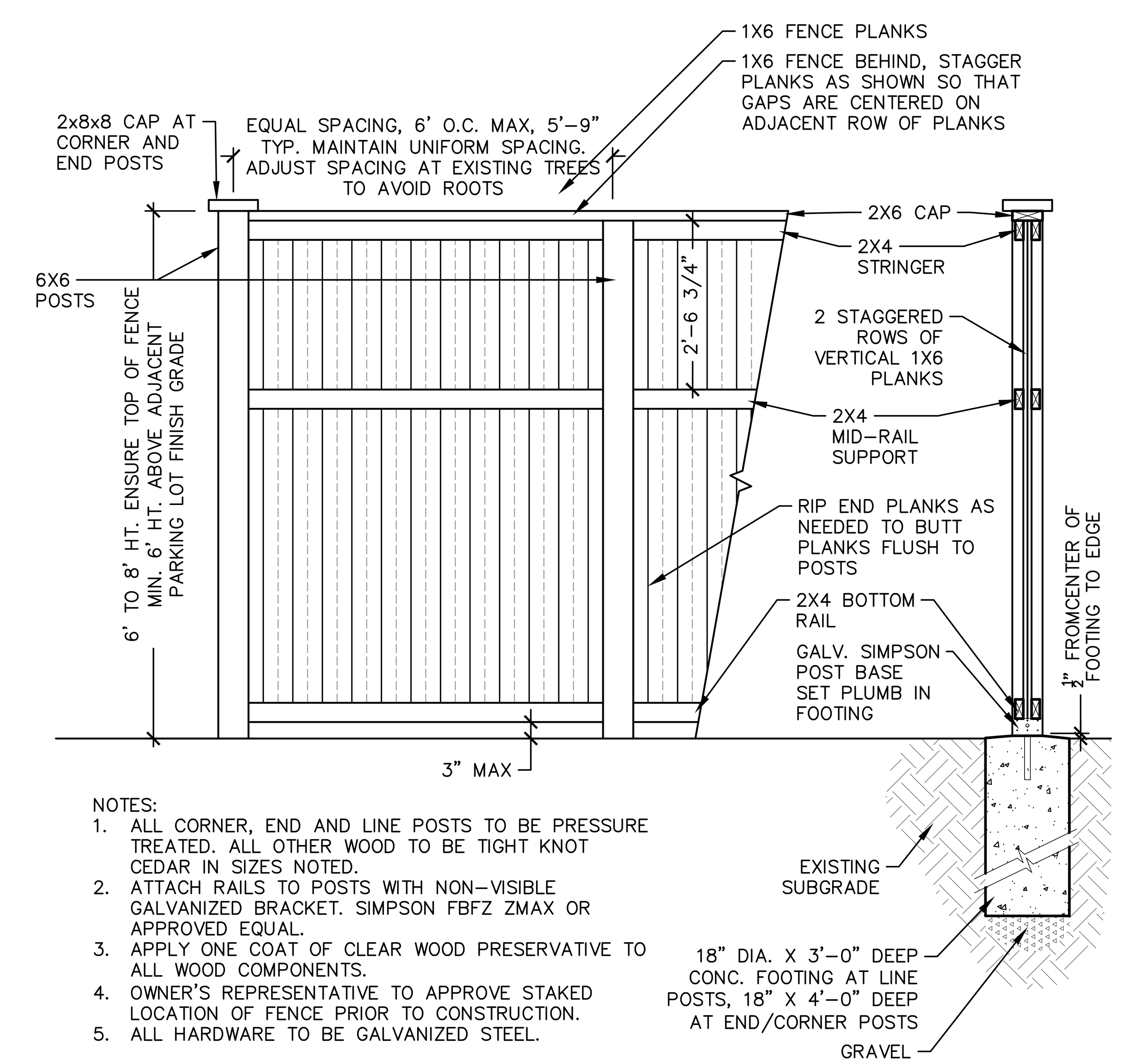


NOTE:
1. SEE PLAN FOR EMBANKMENT SLIDE LOCATIONS.
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
3. ALL HARDWARE TO BE STAINLESS STEEL.
4. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND MOCK-UP FOR APPROVAL PRIOR INSTALLATION.

2 EMBANKMENT SLIDE SIDE ELEVATION
1/2" = 1'-0" P-AR-31



4 EMBANKMENT SLIDE FRONT ELEVATION
1/2" = 1'-0" P-AR-33



NOTES:
1. ALL CORNER, END AND LINE POSTS TO BE PRESSURE TREATED. ALL OTHER WOOD TO BE TIGHT KNOT CEDAR IN SIZES NOTED.
2. ATTACH RAILS TO POSTS WITH NON-VISIBLE GALVANIZED BRACKET. SIMPSON FBFZ ZMAX OR APPROVED EQUAL.
3. APPLY ONE COAT OF CLEAR WOOD PRESERVATIVE TO ALL WOOD COMPONENTS.
4. OWNER'S REPRESENTATIVE TO APPROVE STAKED LOCATION OF FENCE PRIOR TO CONSTRUCTION.
5. ALL HARDWARE TO BE GALVANIZED STEEL.

5 WOOD FENCING
1/2" = 1'-0" P-AR-41

WEISMANDESIGNGROUP

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NO 739 EXP 6/26/2023
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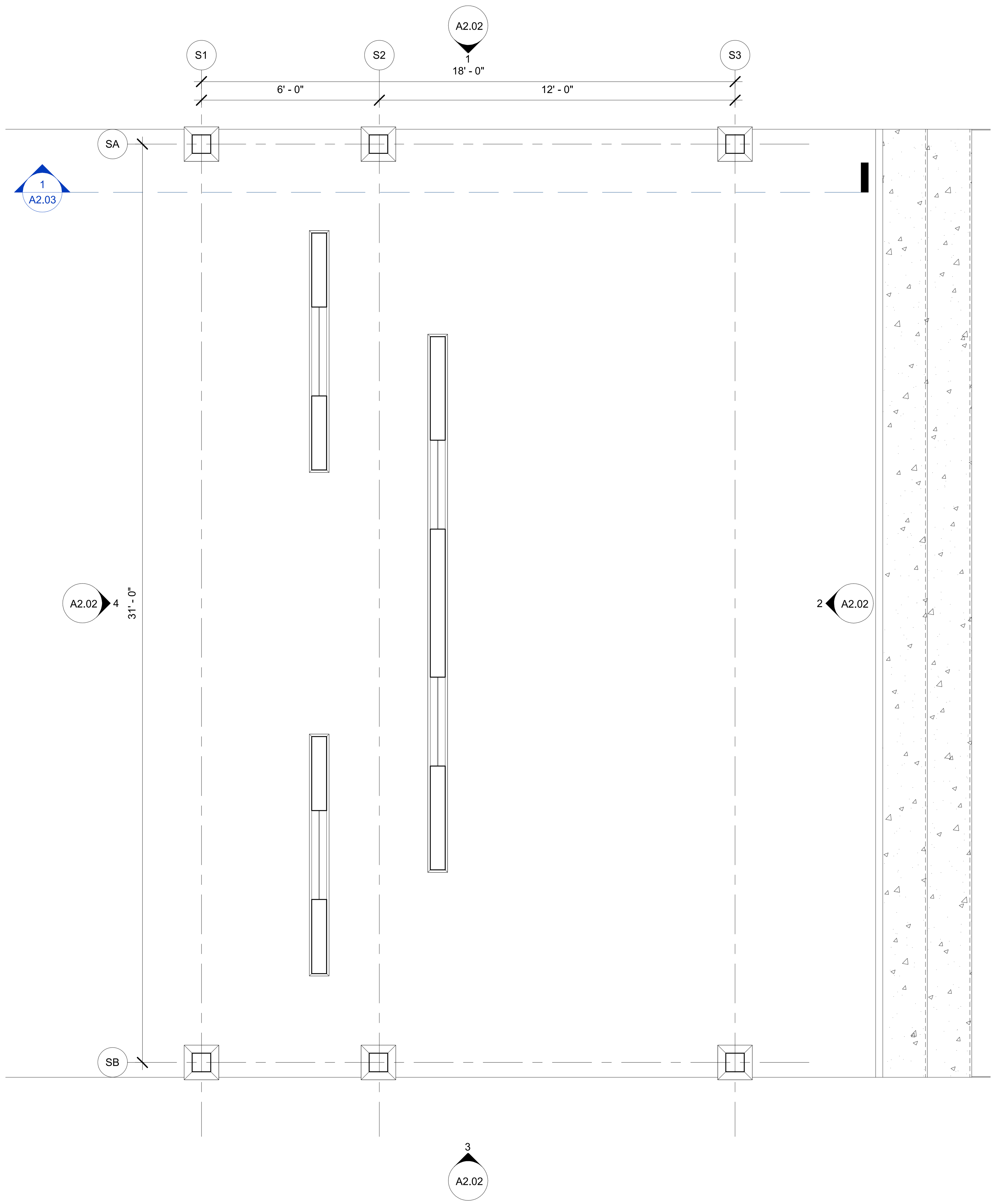
SITE DETAILS

L4.03

GENERAL NOTES - PLANS

A. DIMENSIONS ARE TO THE FACE OF CONCRETE, MASONRY, AND TO CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED.
B. DIMENSIONS LOCATING DOORS, WINDOWS AND RELIGHTS ARE TO NOMINAL MASONRY OPENING OR TO FINISH OPENING UNLESS OTHERWISE NOTED.
C. SEE WALL TYPES ON SHEETS **A1.00** AND **A1.00a** FOR TYPICAL WALL CONSTRUCTION ASSEMBLIES.
D. CONTRACTOR SHALL PROVIDE CONTINUOUS HORIZONTAL BLOCKING OR BOND BEAM AS REQUIRED AT ALL WALL MOUNTED LAVATORIES, DRINKING FOUNTAINS, CASEWORK, MIRRORS, HANDRAILS, ETC. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND MECHANICAL DRAWINGS.
E. SEE DETAIL SHEET **A6.01** FOR TYPICAL MOUNTING HEIGHTS FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.
F. SEE ELECTRICAL DRAWINGS FOR CEILING MOUNTED EQUIPMENT.
G. CONTRACTOR TO VERIFY ALL ADA CLEARANCE REQUIREMENTS AS NOTED ON DETAIL **A1/A6.01.**
H. REFER TO DETAIL **A3/A9.20** FOR TYPICAL DOOR CLEARANCES.
I. ANGLES ARE 30 DEGREES, 45 DEGREES, OR 90 DEGREES U.N.O.
J. CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS AT FIRE RATED WALLS, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, CONDUIT, ETC., WITH FIRESTOPPING PER I.B.C. REQUIREMENTS.
K. SEE EXTERIOR ELEVATIONS FOR WINDOW AND LOUVER TYPES AND DETAILS.

KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



1 STAGE FLOOR PLAN
3/8" = 1'-0"

0 1'-4" 2'-8" 5'-4"
Scale: 3/8" = 1'-0"

NORTH

WEISMANDESIGNGROUP

9739 REGISTERED ARCHITECT
KELLI GARDINER SMITH
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95% CD	10/09/23
BID SET	10/20/23

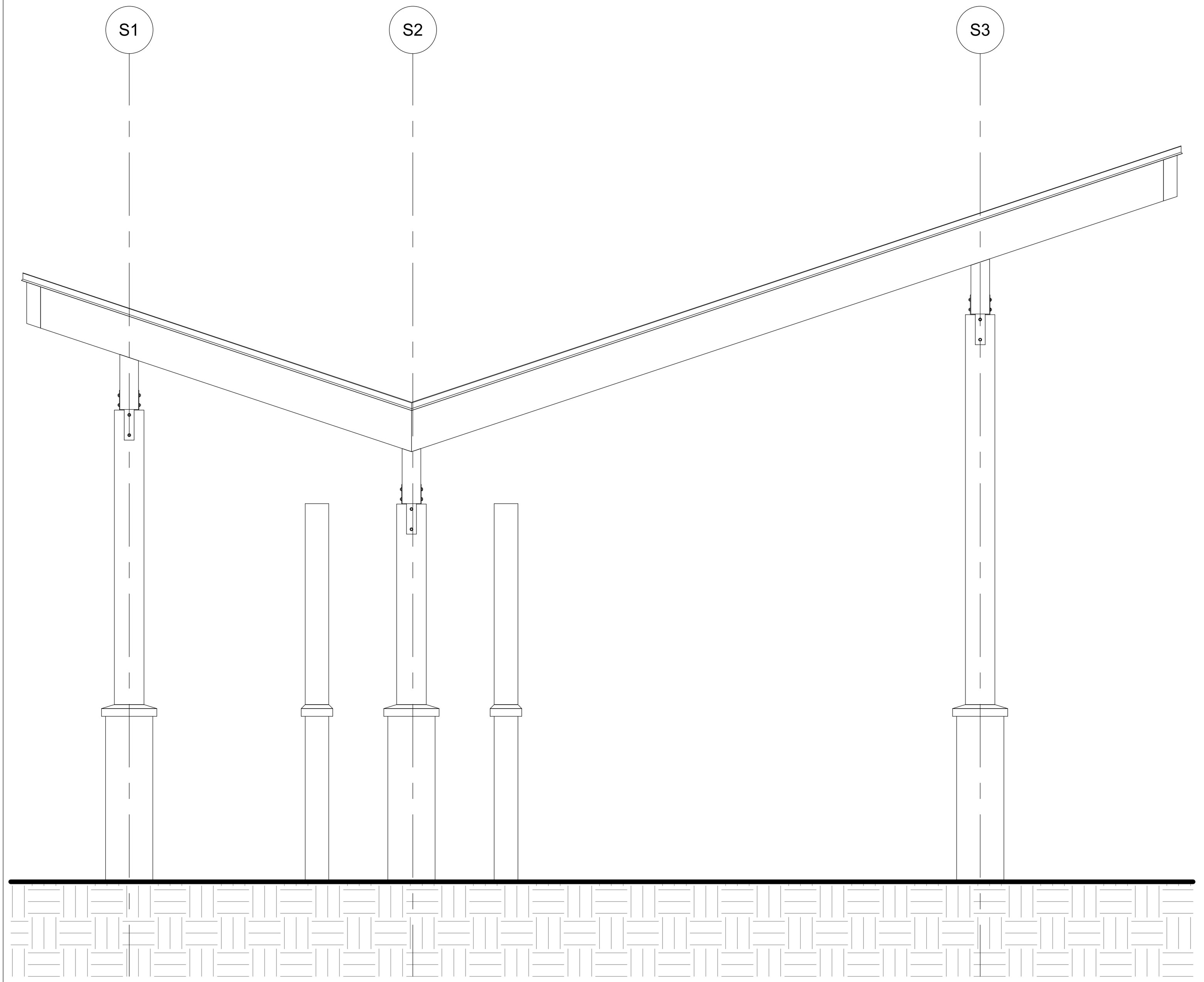
STAGE FLOOR PLAN

A2.01

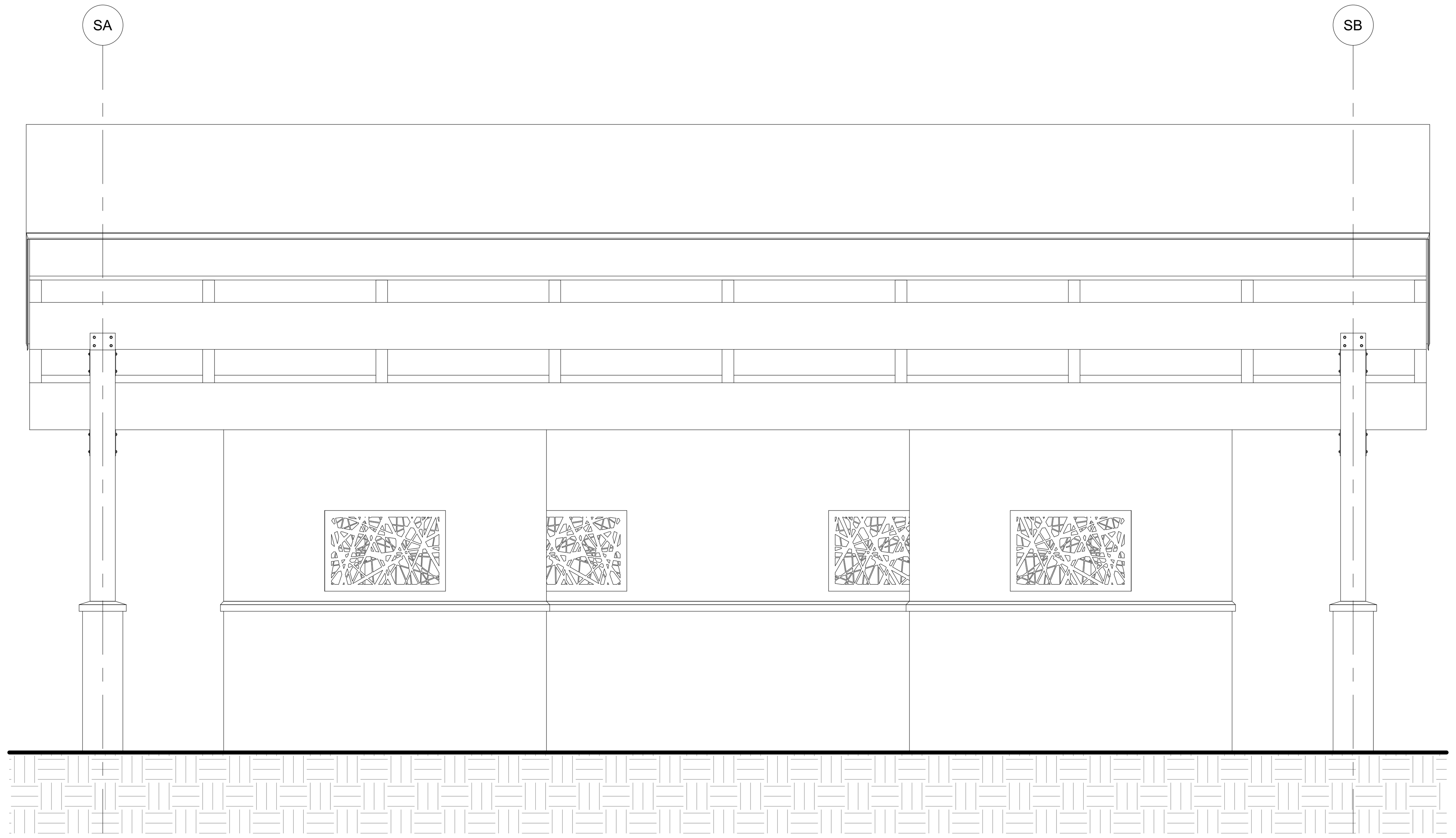
GENERAL NOTES - EXTERIOR ELEVATIONS

A. EXTERIOR MATERIAL TYPES - REFER TO **MATERIAL LEGEND** THIS SHEET.
B. DOWNSPOUTS SUPPORTS - FOR DOWNSPOUTS UP TO 12'-0" IN LENGTH PROVIDE 2 PREFINISHED METAL STRAPS (TOP AND BOTTOM). 12'-0" AND LONGER PROVIDE 3 PREFINISHED METAL STRAPS (TOP, MIDDLE AND BOTTOM).
C. WALL TYPES - SEE SHEET **A1.00**.
D. EXTERIOR DETAILS - SEE **A8.00** SERIES SHEETS.

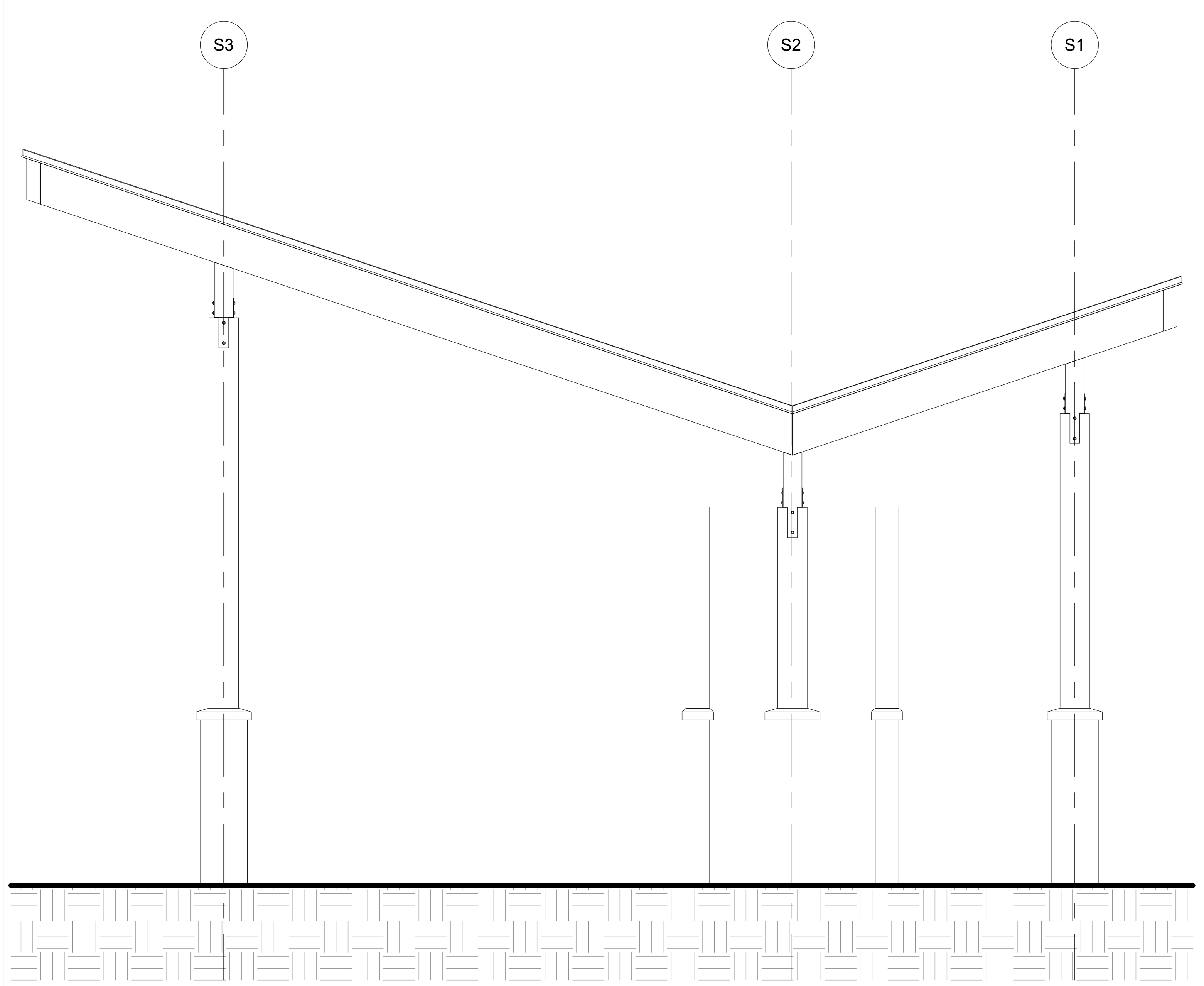
KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



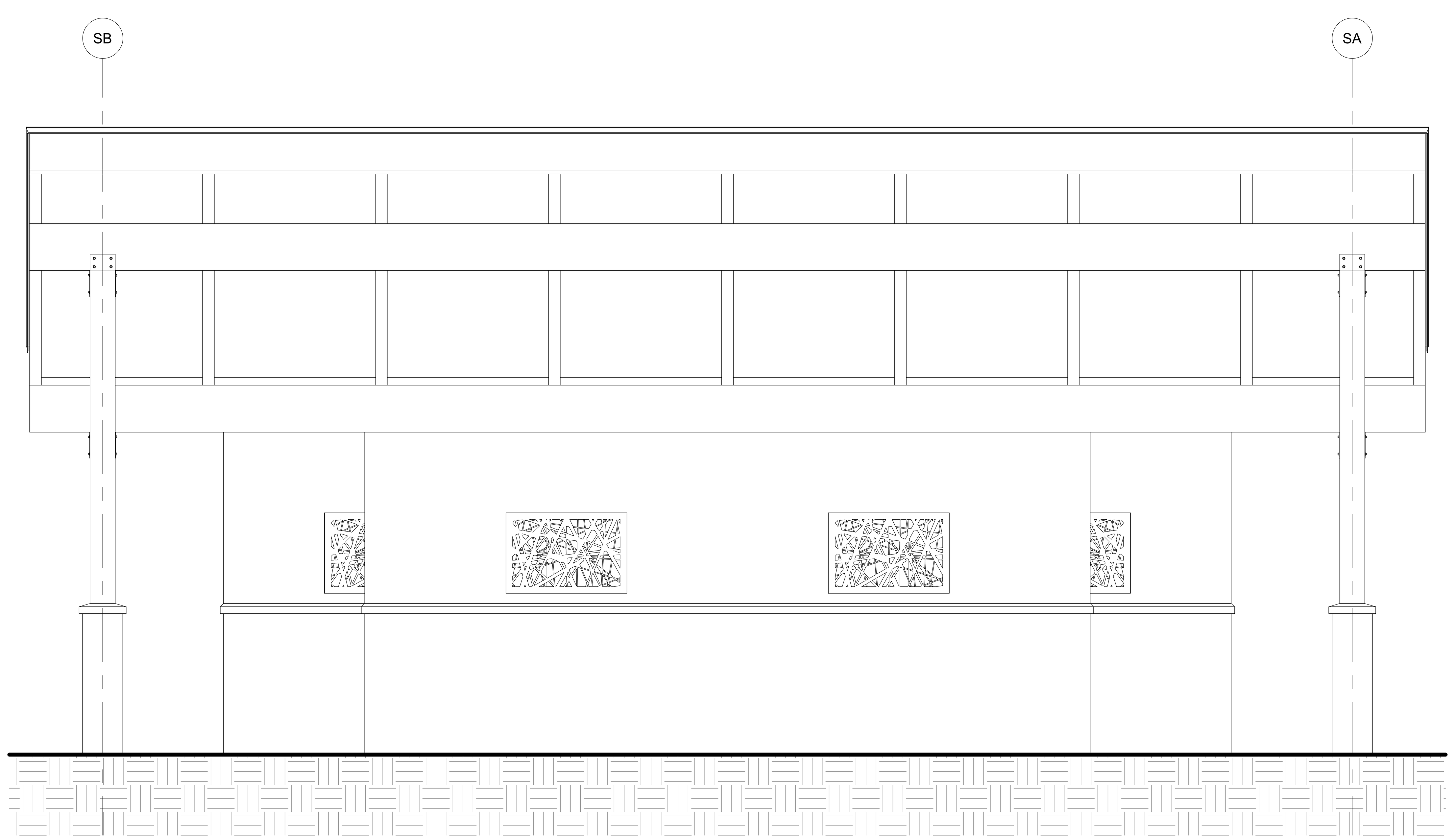
3 STAGE EXTERIOR ELEVATION - SOUTH
3/8" = 1'-0"



4 STAGE EXTERIOR ELEVATION - WEST
3/8" = 1'-0"



1 STAGE EXTERIOR ELEVATION - NORTH
3/8" = 1'-0"



2 STAGE EXTERIOR ELEVATION - EAST
3/8" = 1'-0"

MATERIAL LEGEND - EXTERIOR ELEVATIONS

- CONCRETE - CAST-IN-PLACE
- CONCRETE - PRECAST
- CMU
- BRICK

SEE - FINISH MATERIAL KEY ON SHEET **A6.00** FOR PAINT COLORS.

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BID SET	10/20/23

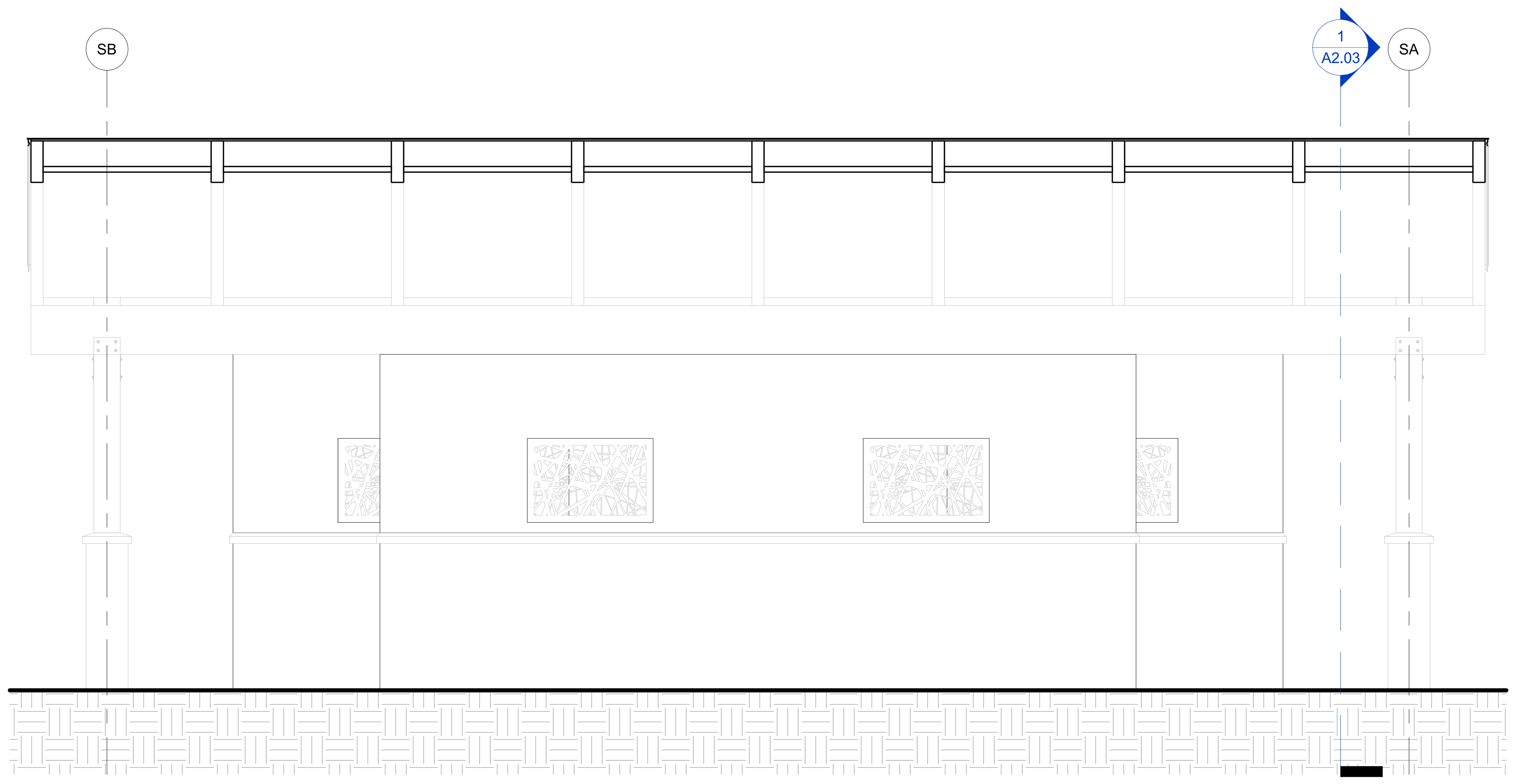
STAGE
EXTERIOR
ELEVATIONS

A2.02

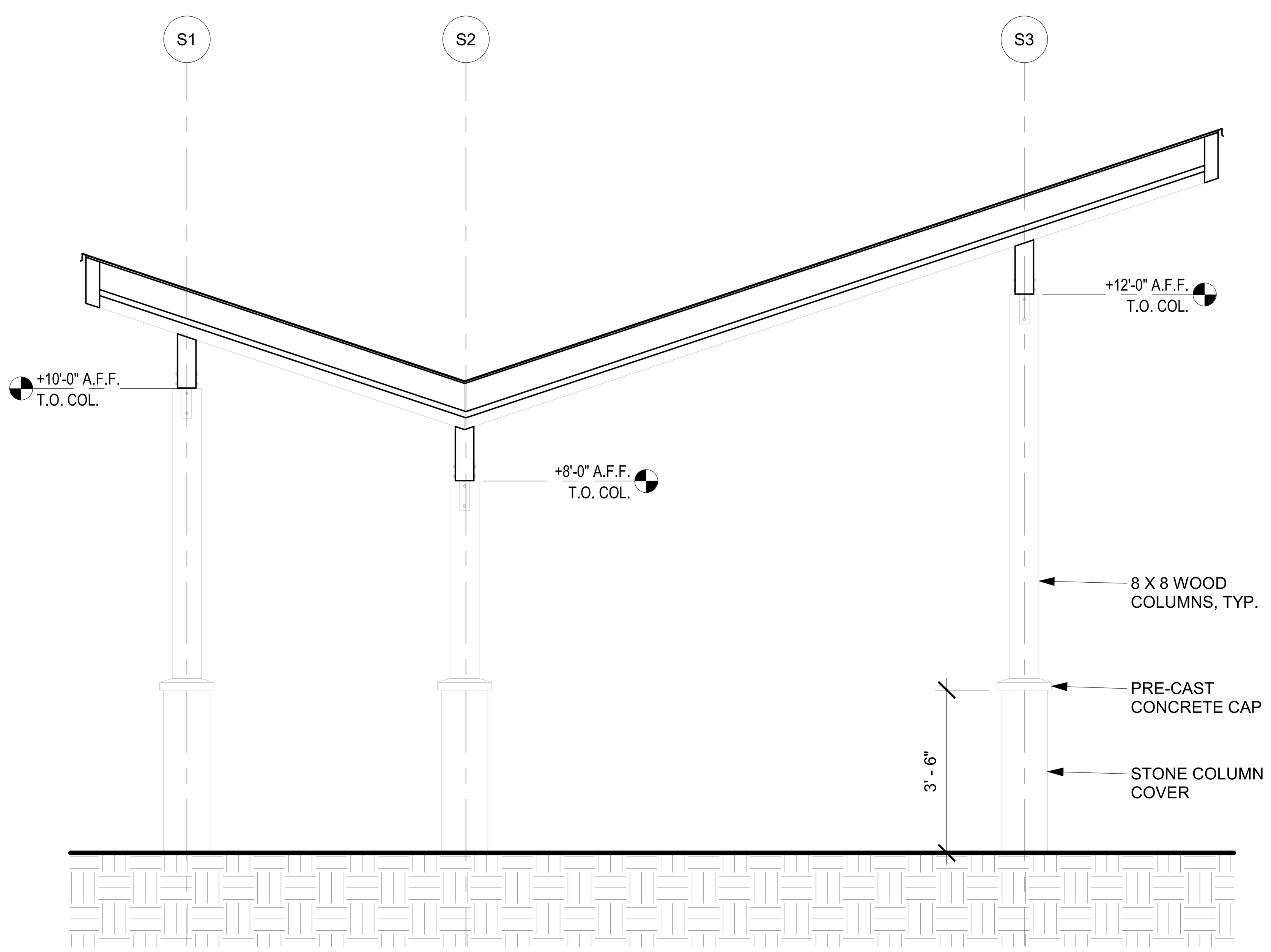
GENERAL NOTES - SECTIONS

A. WALL TYPES - REFER TO SHEET **A1.00** FOR WALL ASSEMBLIES.
B. REFER TO EXTERIOR ELEVATIONS (**A2** SERIES SHEETS) FOR EXTERIOR CLADDING TYPES AND LOCATIONS.

KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



2 STAGE LONGITUDINAL SECTION
3/8" = 1'-0"



1 STAGE TRANSVERSE SECTION
3/8" = 1'-0"

WEISMAN**DESIGN**GROUP

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95% CD	10/09/23
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STAGE SECTIONS

A2.03

GENERAL NOTES - PLANS

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B. DIMENSIONS LOCATING DOORS, WINDOWS AND RELIGHTS ARE TO NOMINAL MASONRY OPENING OR TO FINISH OPENING UNLESS OTHERWISE NOTED.
C. SEE WALL TYPES ON SHEETS **A1.00** AND **A1.00a** FOR TYPICAL WALL CONSTRUCTION ASSEMBLIES.
D. CONTRACTOR SHALL PROVIDE CONTINUOUS HORIZONTAL BLOCKING OR BOND BEAM AS REQUIRED AT ALL WALL MOUNTED LAVATORIES, DRINKING FOUNTAINS, CASEWORK, MIRRORS, HANDRAILS, ETC. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND MECHANICAL DRAWINGS.
E. SEE DETAIL SHEET **A6.01** FOR TYPICAL MOUNTING HEIGHTS FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.
F. SEE ELECTRICAL DRAWINGS FOR CEILING MOUNTED EQUIPMENT.
G. CONTRACTOR TO VERIFY ALL ADA CLEARANCE REQUIREMENTS AS NOTED ON DETAIL **A1/A6.01.**
H. REFER TO DETAIL **A3/A9.20** FOR TYPICAL DOOR CLEARANCES.
I. ANGLES ARE 30 DEGREES, 45 DEGREES, OR 90 DEGREES U.N.O.
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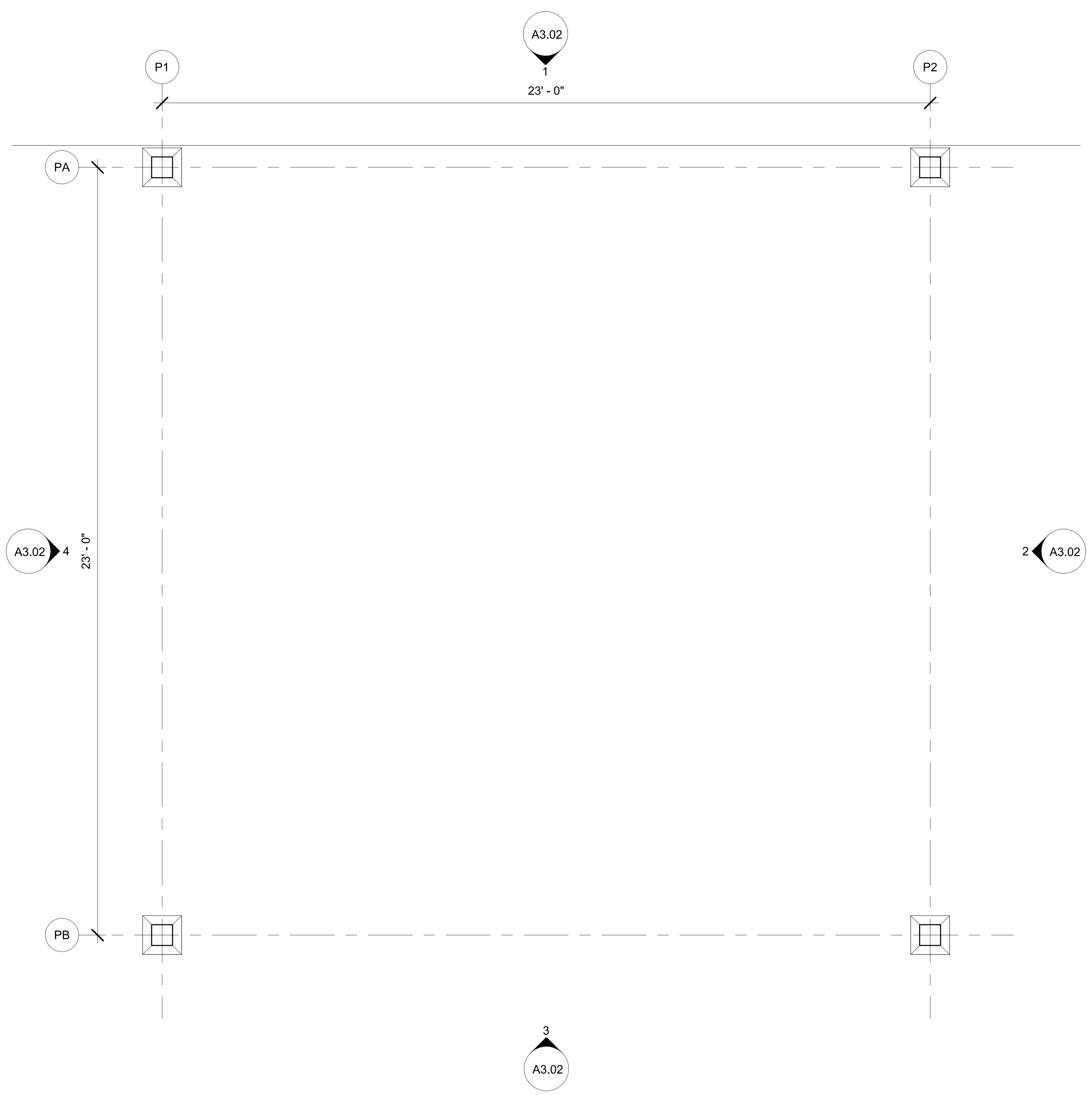
KEYNOTE	KEYNOTE TEXT



1 PICNIC SHELTER FLOOR PLAN
3/8" = 1'-0"

0 1'-4" 2'-8" 5'-4"
Scale: 3/8" = 1'-0"

NORTH

WEISMAN**DESIGN**GROUP

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KELLI GARDINER SMITH
STATE OF WASHINGTON

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ELECTRICAL:
METRIX ENGINEERING
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SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	06/08/2023
DRAWN/CHECKED	DF/SG
REVISIONS:	
100% DD	8/25/23
BUILDING PERMIT	9/25/23
95% CD	10/09/23
BID SET	10/20/23

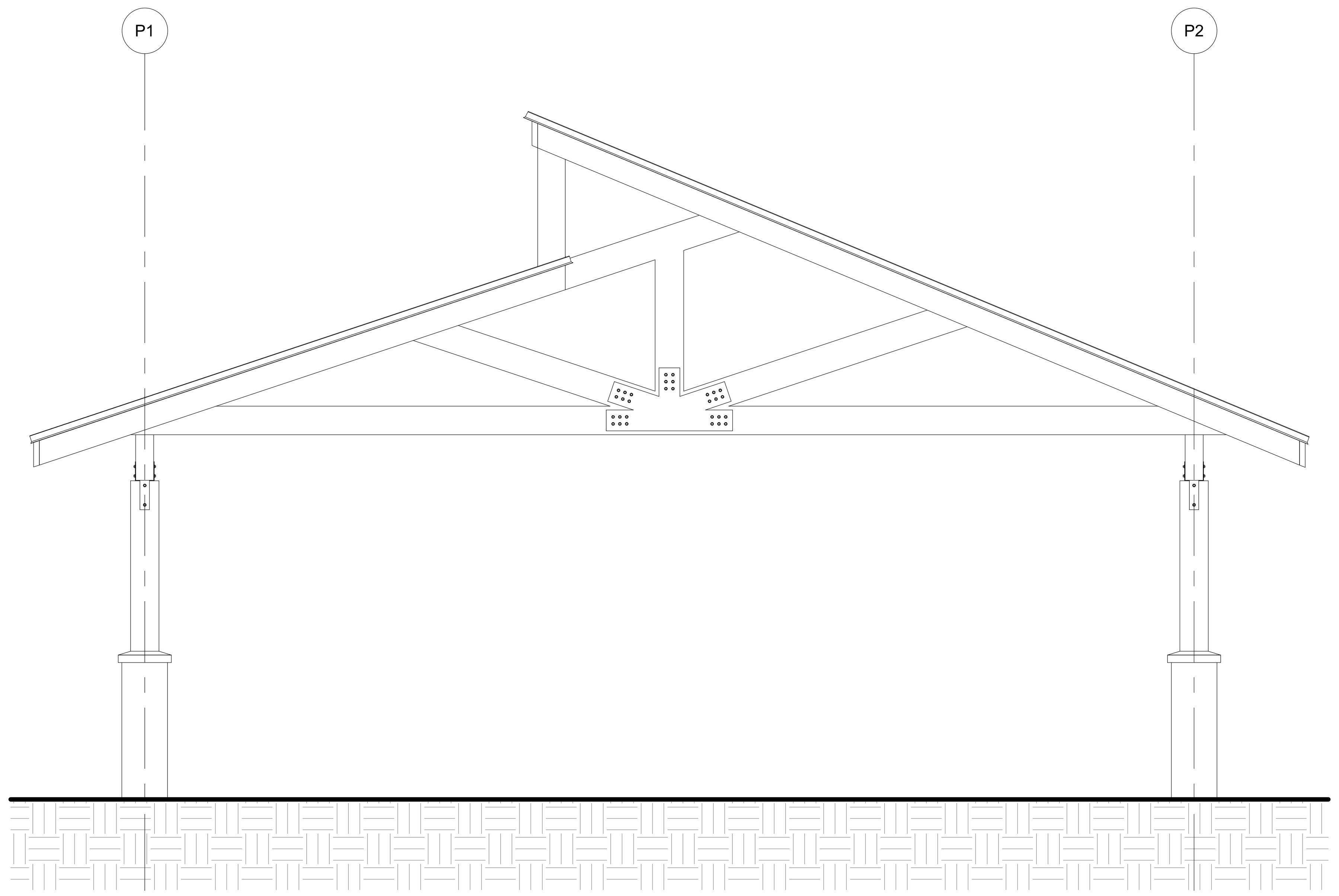
PICNIC SHELTER
FLOOR PLAN

A3.01

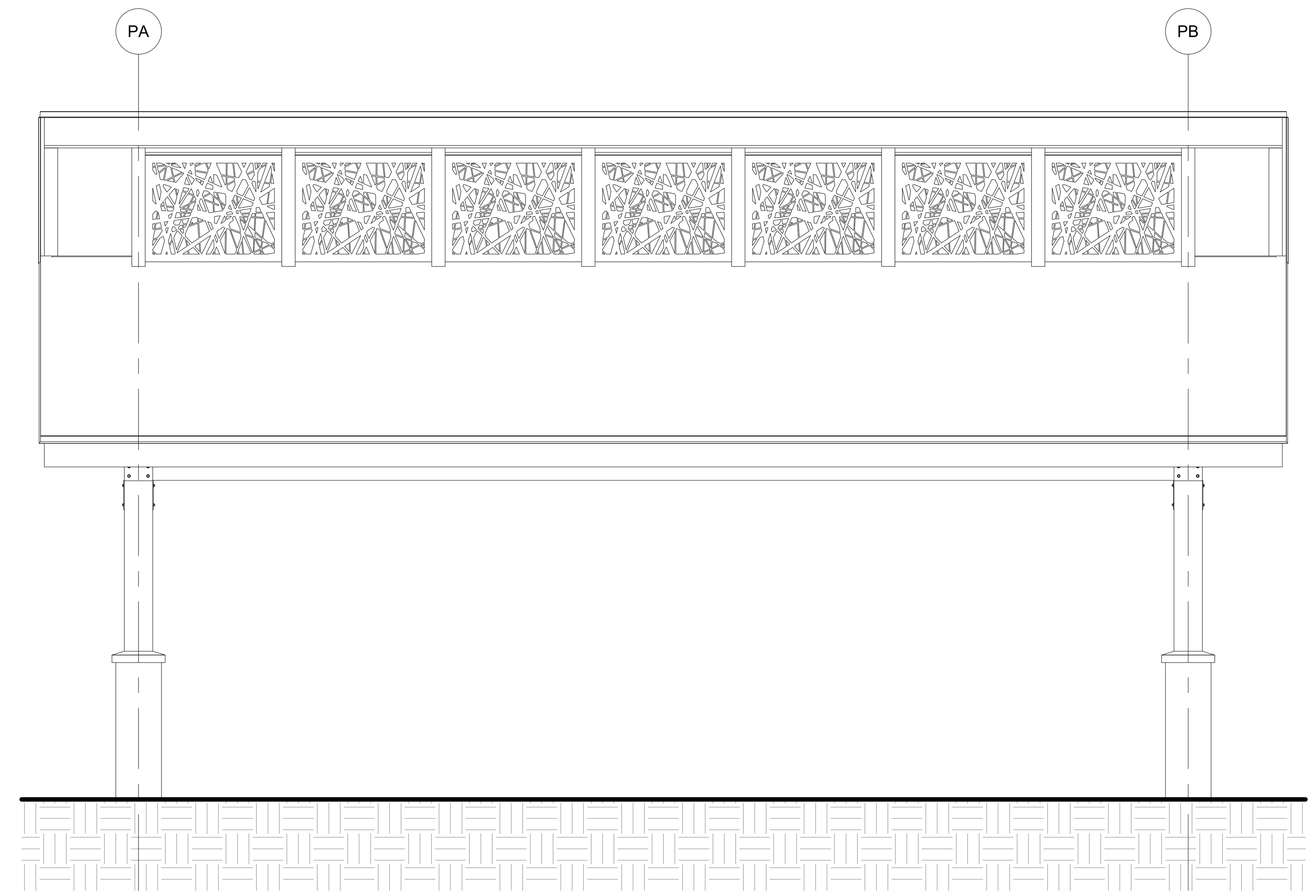
GENERAL NOTES - EXTERIOR ELEVATIONS

A. EXTERIOR MATERIAL TYPES - REFER TO **MATERIAL LEGEND** THIS SHEET.
B. DOWNSPOUTS SUPPORTS - FOR DOWNSPOUTS UP TO 12'-0" IN LENGTH PROVIDE 2 PREFINISHED METAL STRAPS (TOP AND BOTTOM). 12'-0" AND LONGER PROVIDE 3 PREFINISHED METAL STRAPS (TOP, MIDDLE AND BOTTOM).
C. WALL TYPES - SEE SHEET **A1.00**.
D. EXTERIOR DETAILS - SEE **A8.00** SERIES SHEETS.

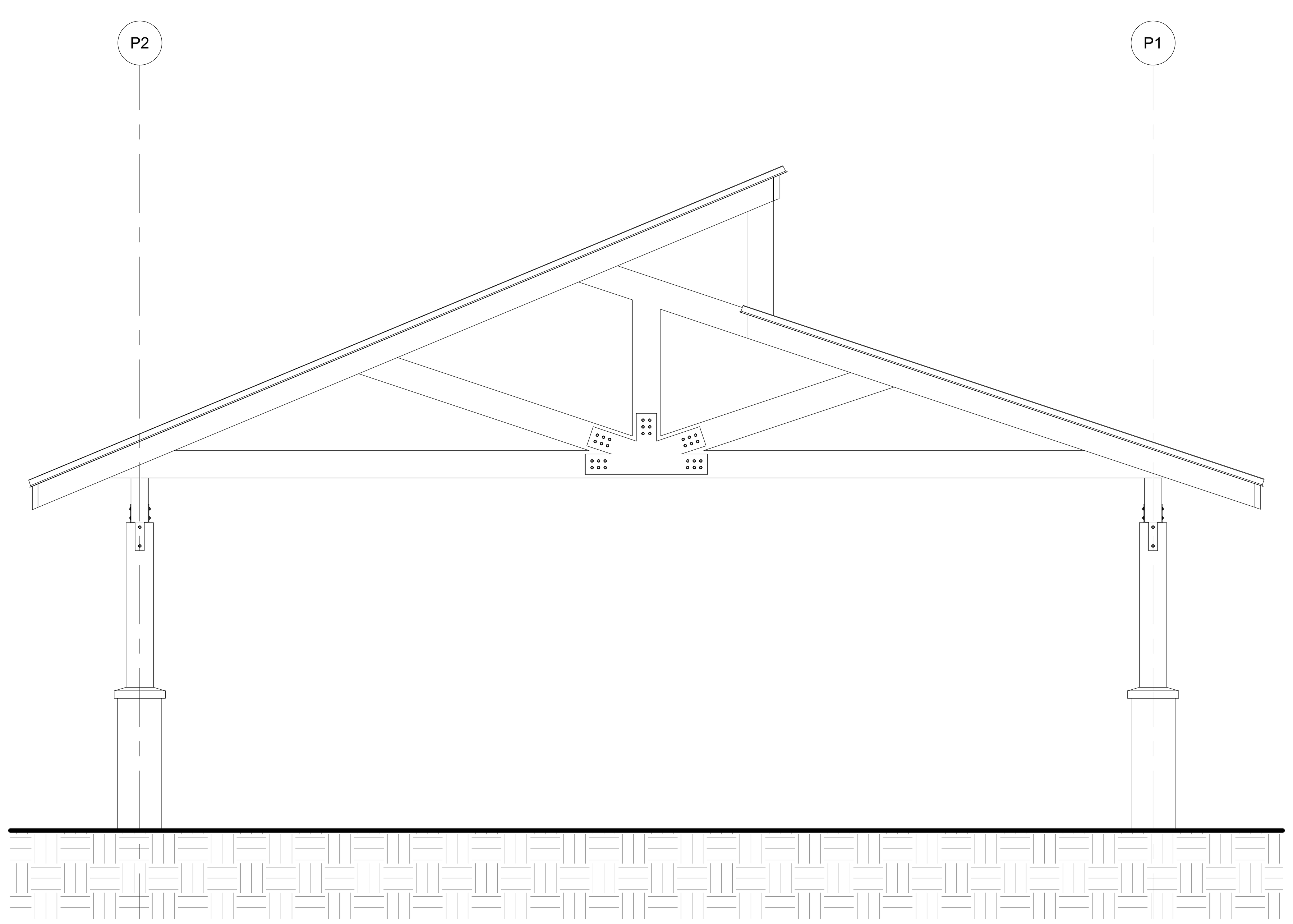
KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



3 PICNIC SHELTER EXTERIOR ELEVATION - SOUTH
3/8" = 1'-0"



4 PICNIC SHELTER EXTERIOR ELEVATION - WEST
3/8" = 1'-0"



1 PICNIC SHELTER EXTERIOR ELEVATION - NORTH
3/8" = 1'-0"

2 PICNIC SHELTER EXTERIOR ELEVATION - EAST
3/8" = 1'-0"

MATERIAL LEGEND - EXTERIOR ELEVATIONS

- CONCRETE - CAST-IN-PLACE
- CONCRETE - PRECAST
- CMU
- BRICK

SEE - FINISH MATERIAL KEY ON SHEET **A6.00** FOR PAINT COLORS.

WEISMANDESIGNGROUP

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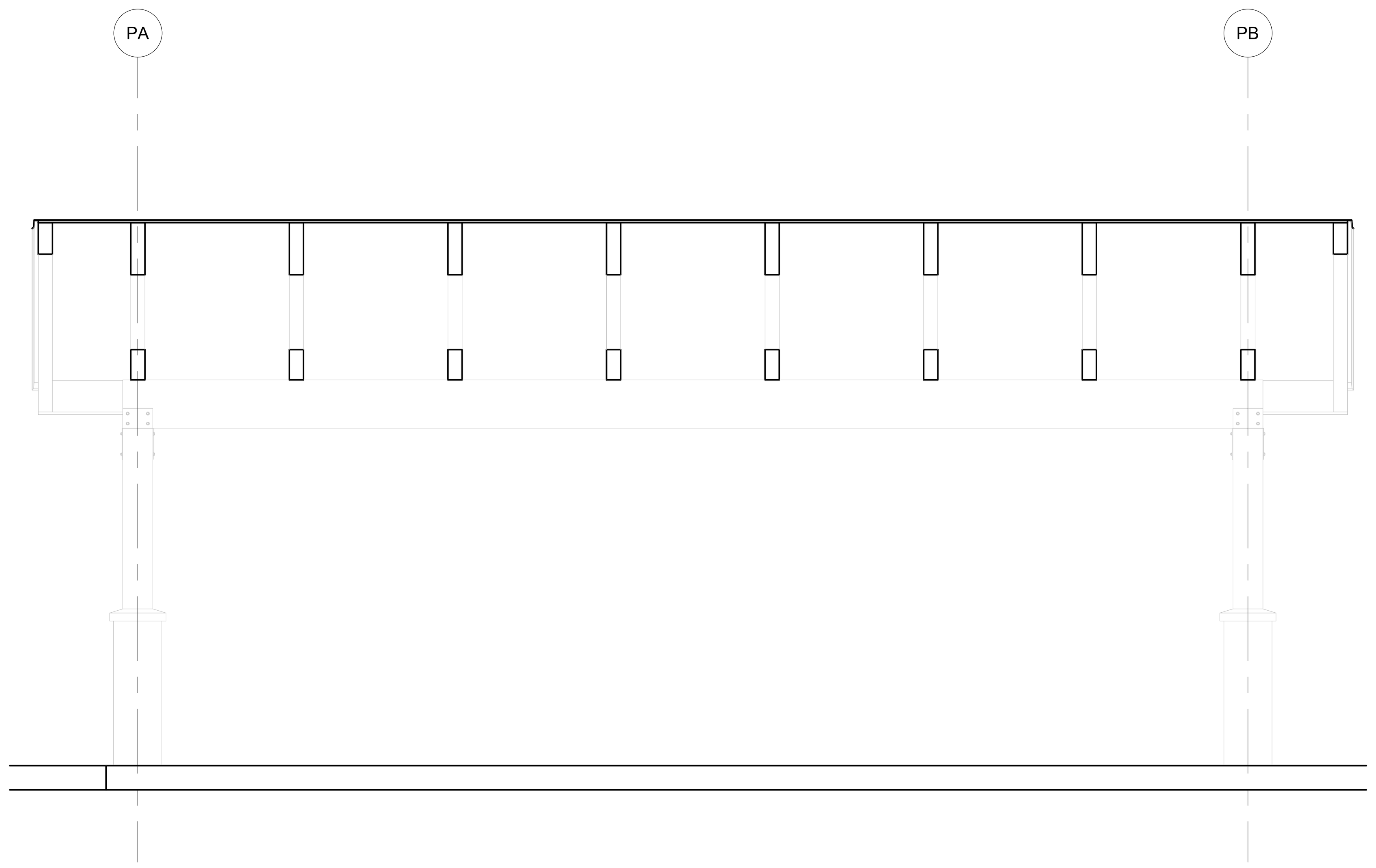
PICNIC SHELTER
EXTERIOR
ELEVATIONS

A3.02

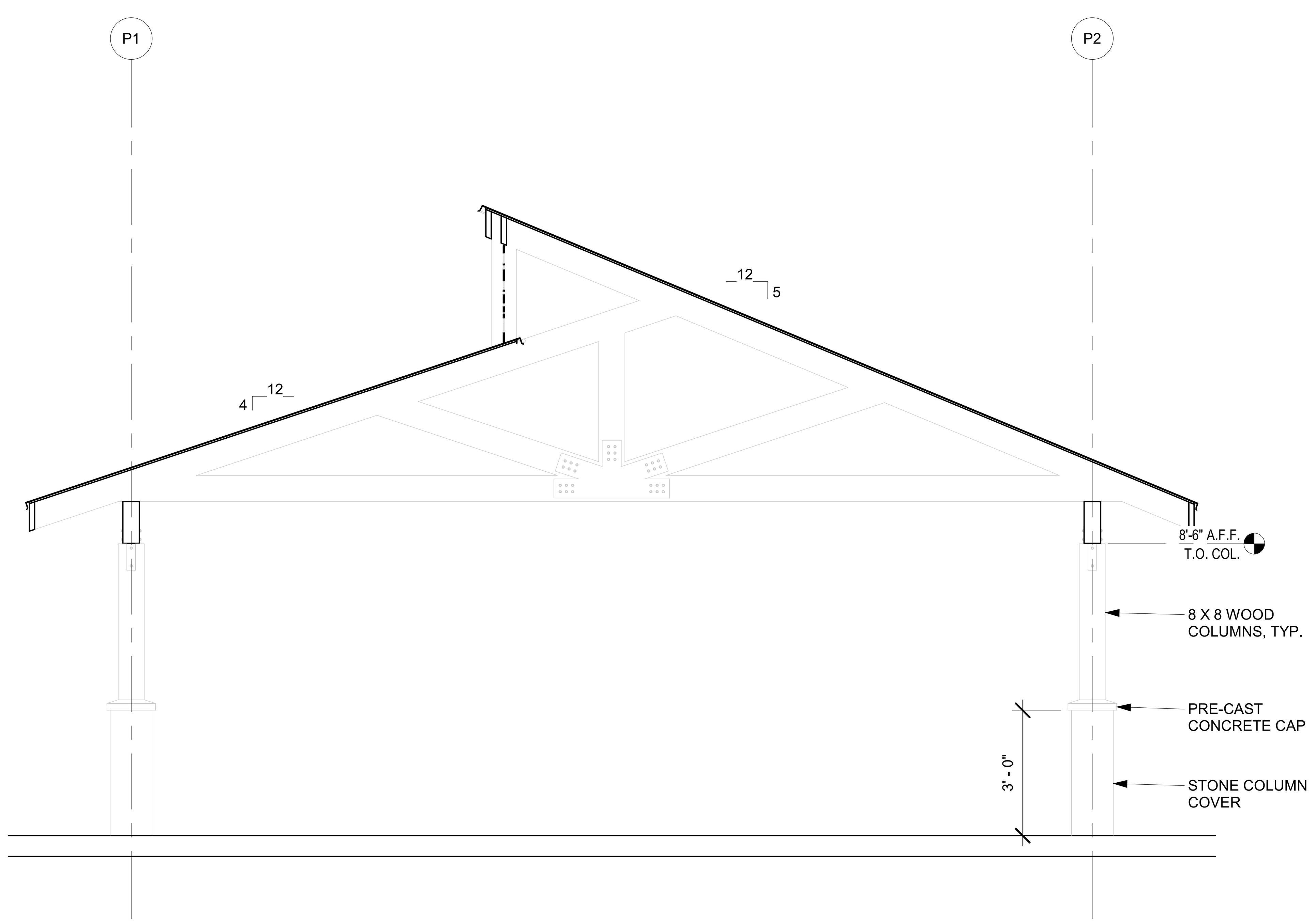
GENERAL NOTES - SECTIONS

A. WALL TYPES - REFER TO SHEET **A1.00** FOR WALL ASSEMBLIES.
B. REFER TO EXTERIOR ELEVATIONS (**A2** SERIES SHEETS) FOR EXTERIOR CLADDING TYPES AND LOCATIONS.

KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



2 PICNIC SHELTER LONGITUDINAL SECTION
3/8" = 1'-0"



1 PICNIC SHELTER TRANSVERSE SECTION
3/8" = 1'-0"

WEISMAN**DESIGN**GROUP

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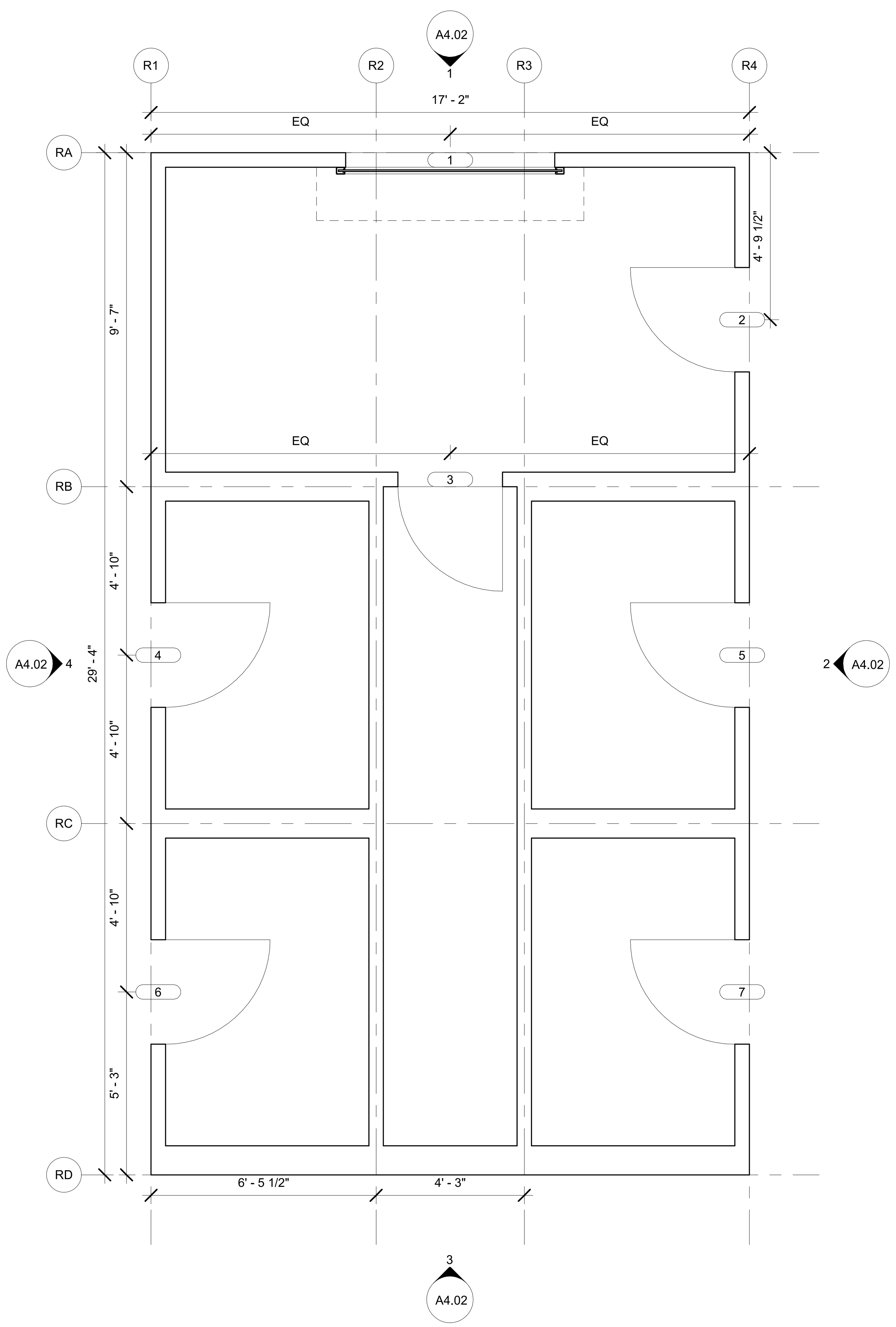
PICNIC SHELTER SECTIONS

A3.03

DOOR SCHEDULE - LEVEL 1

Opening			Frame			Panel			Details				
Door #	Size (W x H)	Description	Frame Type	Frame Material	Frame Finish	Panel 1 Type	Panel Material	Panel Finish	Jamb Detail(s)	Head Detail	Threshold Detail	Hardware Group	Comments
1	6' - 0" x 5' - 0"	COILING COUNTER DOOR	BY MFR	BY MFR	Aluminum 04, Brushed	OCD	BY MFR	Aluminum 04, Brushed					
2	3' - 0" x 7' - 0"												
3	3' - 0" x 7' - 0"												
4	3' - 0" x 7' - 0"												
5	3' - 0" x 7' - 0"												
6	3' - 0" x 7' - 0"												
7	3' - 0" x 7' - 0"												



1 RESTROOM FLOOR PLAN
3/8" = 1'-0"

GENERAL NOTES - PLANS

A. DIMENSIONS ARE TO THE FACE OF CONCRETE, MASONRY, AND TO CENTERLINE OF COLUMNS UNLESS OTHERWISE NOTED.
B. DIMENSIONS LOCATING DOORS, WINDOWS AND RELIGHTS ARE TO NOMINAL MASONRY OPENING OR TO FINISH OPENING UNLESS OTHERWISE NOTED.
C. SEE WALL TYPES ON SHEETS **A1.00** AND **A1.00a** FOR TYPICAL WALL CONSTRUCTION ASSEMBLIES.
D. CONTRACTOR SHALL PROVIDE CONTINUOUS HORIZONTAL BLOCKING OR BOND BEAM AS REQUIRED AT ALL WALL MOUNTED LAVATORIES, DRINKING FOUNTAINS, CASEWORK, MIRRORS, HANDRAILS, ETC. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND MECHANICAL DRAWINGS.
E. SEE DETAIL SHEET **A6.01** FOR TYPICAL MOUNTING HEIGHTS FOR WALL MOUNTED ACCESSORIES AND EQUIPMENT.
F. SEE ELECTRICAL DRAWINGS FOR CEILING MOUNTED EQUIPMENT.
G. CONTRACTOR TO VERIFY ALL ADA CLEARANCE REQUIREMENTS AS NOTED ON DETAIL **A1/A6.01.**
H. REFER TO DETAIL **A3/A9.20** FOR TYPICAL DOOR CLEARANCES.
I. ANGLES ARE 30 DEGREES, 45 DEGREES, OR 90 DEGREES U.N.O.
J. CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS AT FIRE RATED WALLS, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, CONDUIT, ETC., WITH FIRESTOPPING PER I.B.C. REQUIREMENTS.
K. SEE EXTERIOR ELEVATIONS FOR WINDOW AND LOUVER TYPES AND DETAILS.

KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT

0 1'-4" 2'-8" 5'-4"
Scale: 3/8" = 1'-0"

NORTH

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RESTROOM
FLOOR PLAN

A4.01

GENERAL NOTES - EXTERIOR ELEVATIONS

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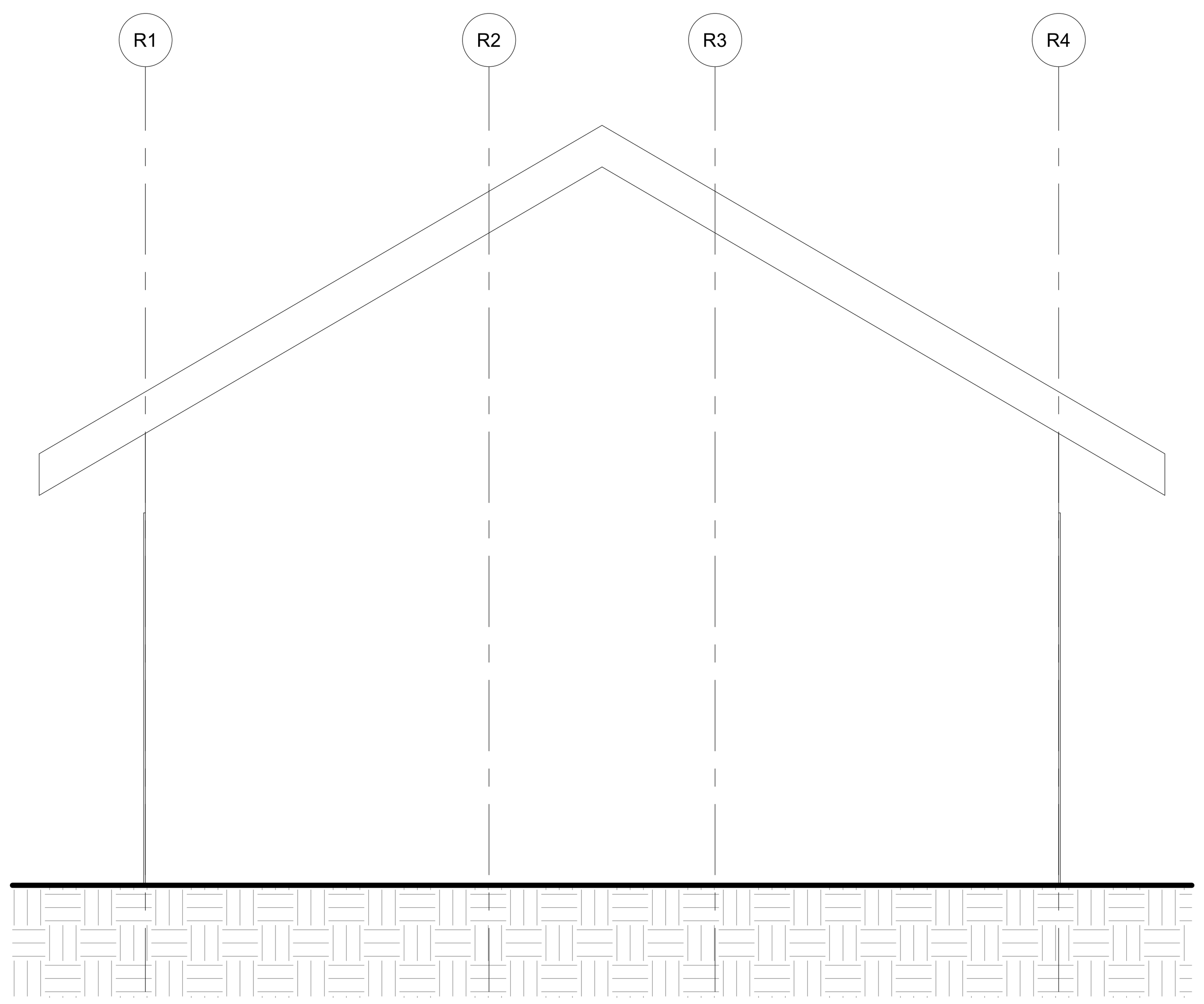
KEYNOTE LEGEND	
KEYNOTE	KEYNOTE TEXT



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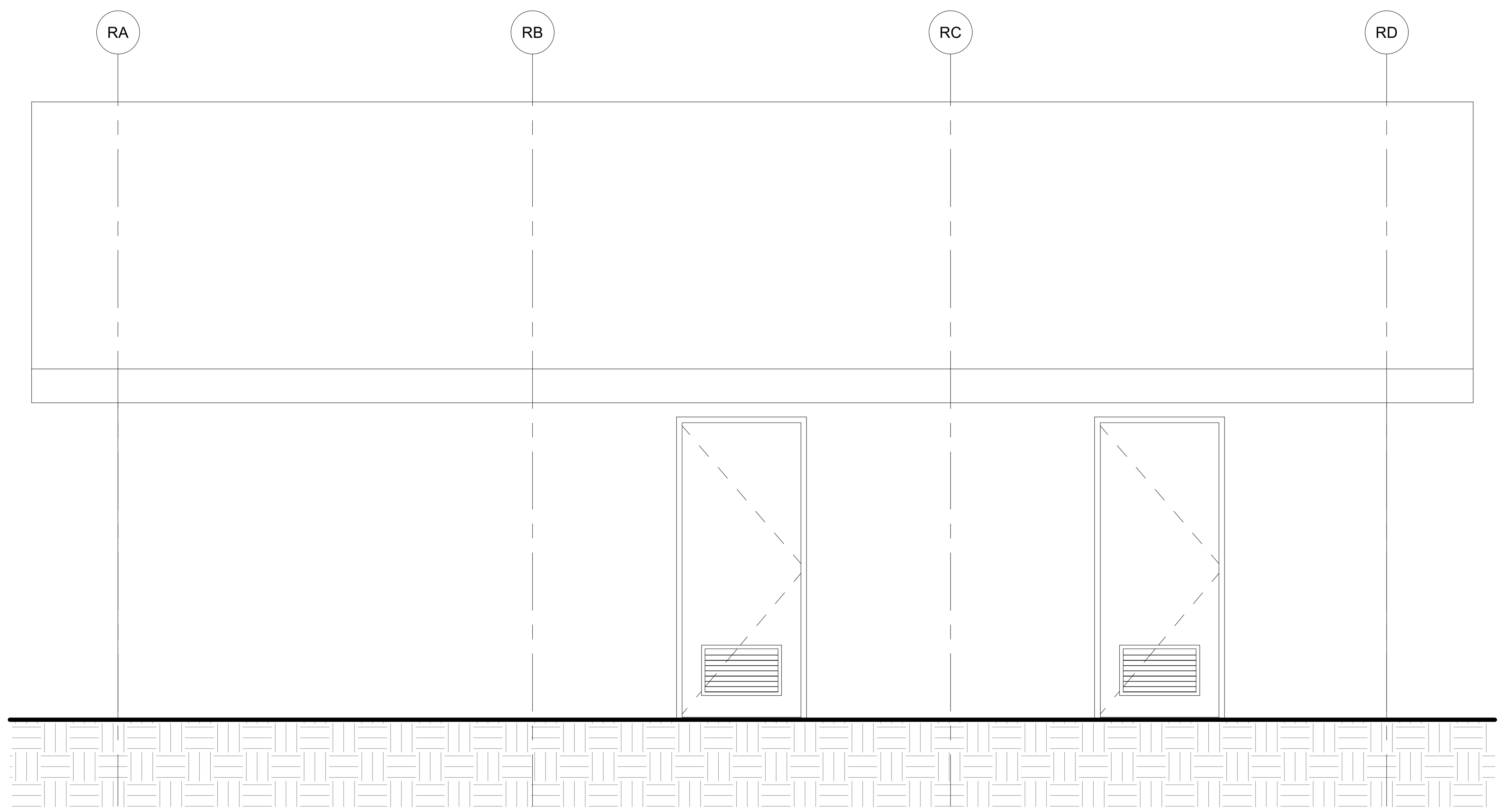
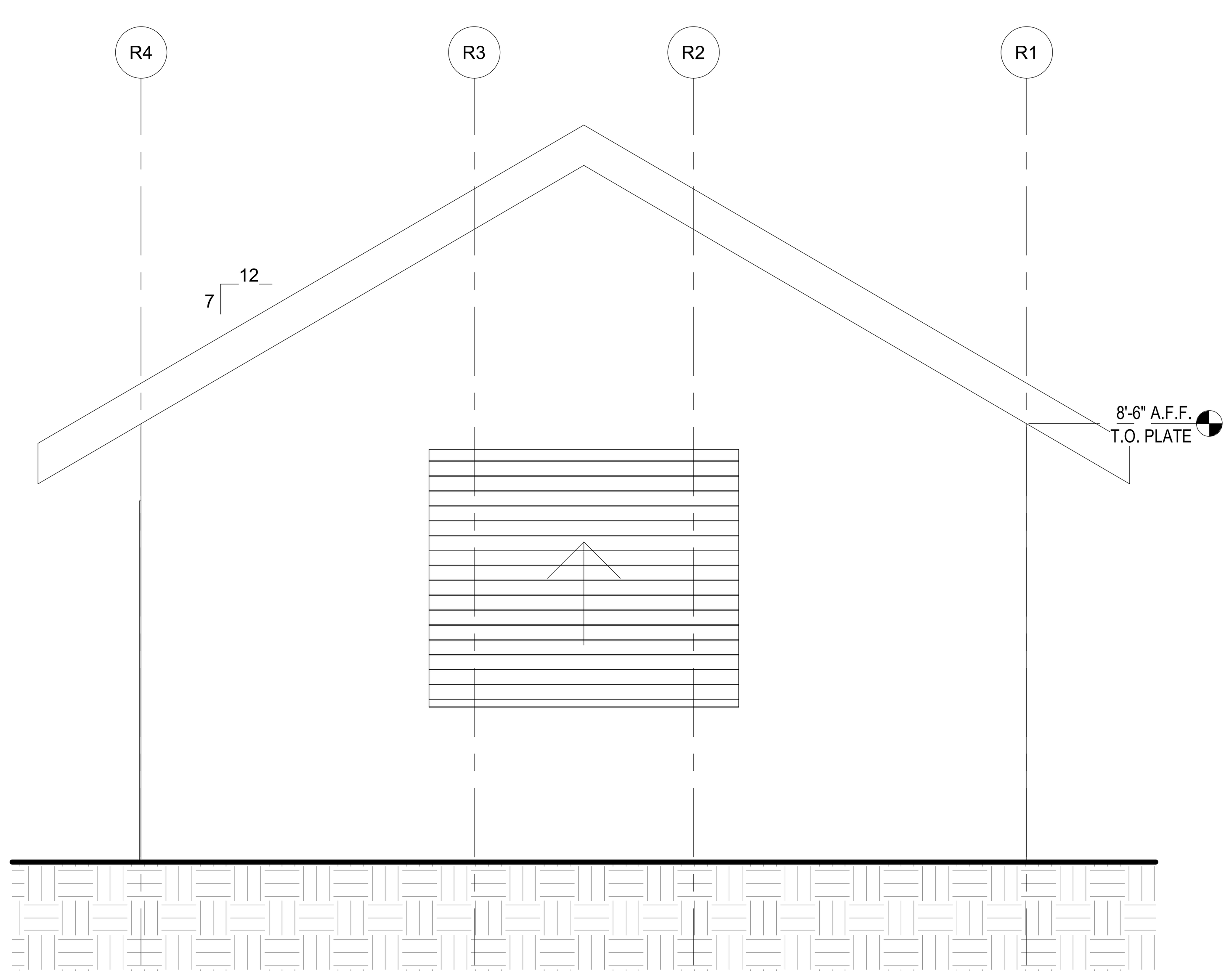


4 RESTROOM EXTERIOR ELEVATION - WEST
3/8" = 1'-0"



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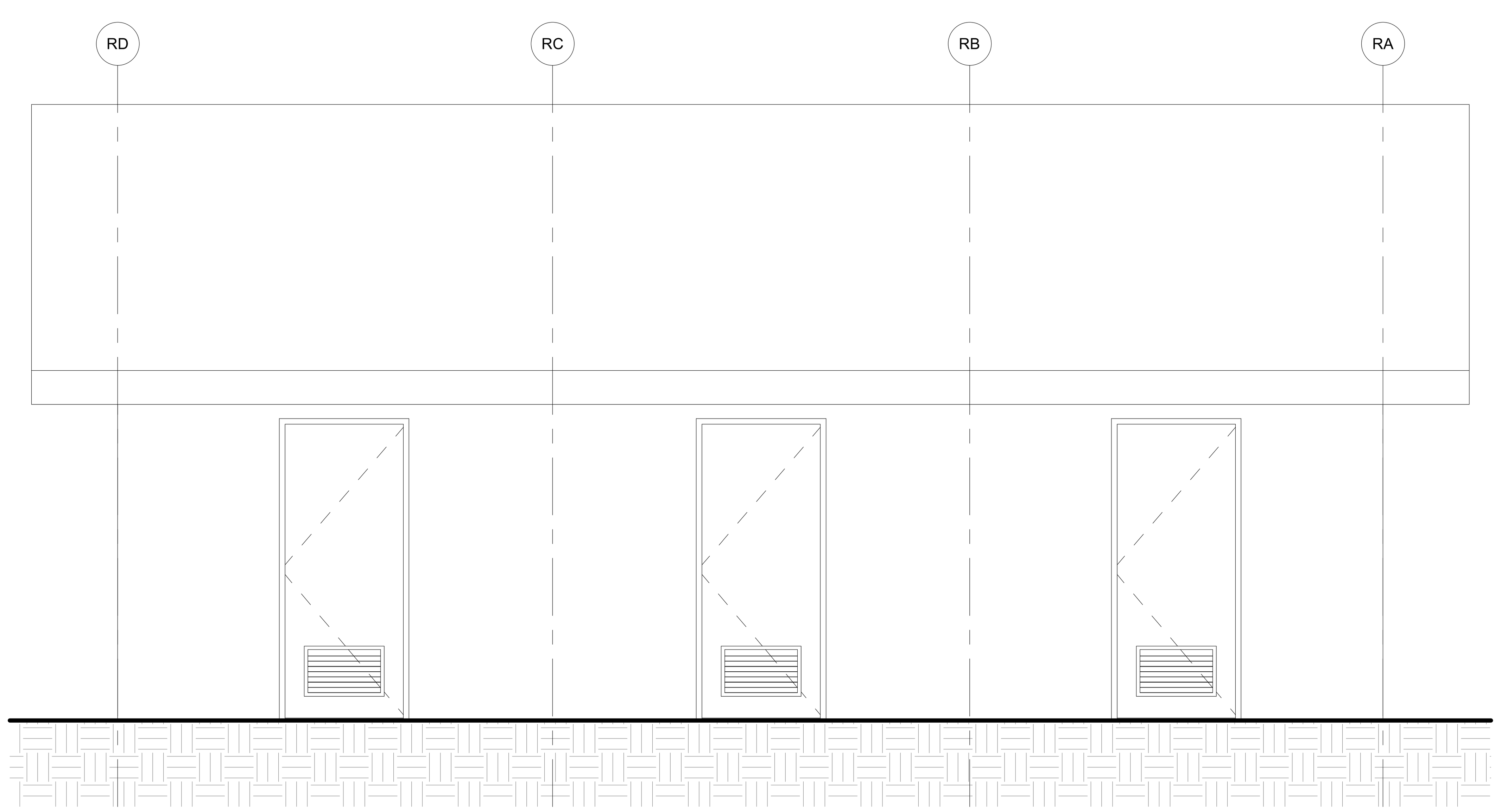
3/8" = 1'-0"



2 RESTROOM EXTERIOR ELEVATION - EAST
3/8" = 1'-0"

MATERIAL LEGEND - EXTERIOR ELEVATIONS

CONCRETE - CAST-IN-PLACE
CONCRETE - PRECAST
CMU
BRICK

REVIEW

SEE - FINISH MATERIAL KEY ON SHEET **A6.00** FOR PAINT COLORS.

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RESTROOM EXTERIOR ELEVATIONS

A4.02

GENERAL NOTES - SECTIONS

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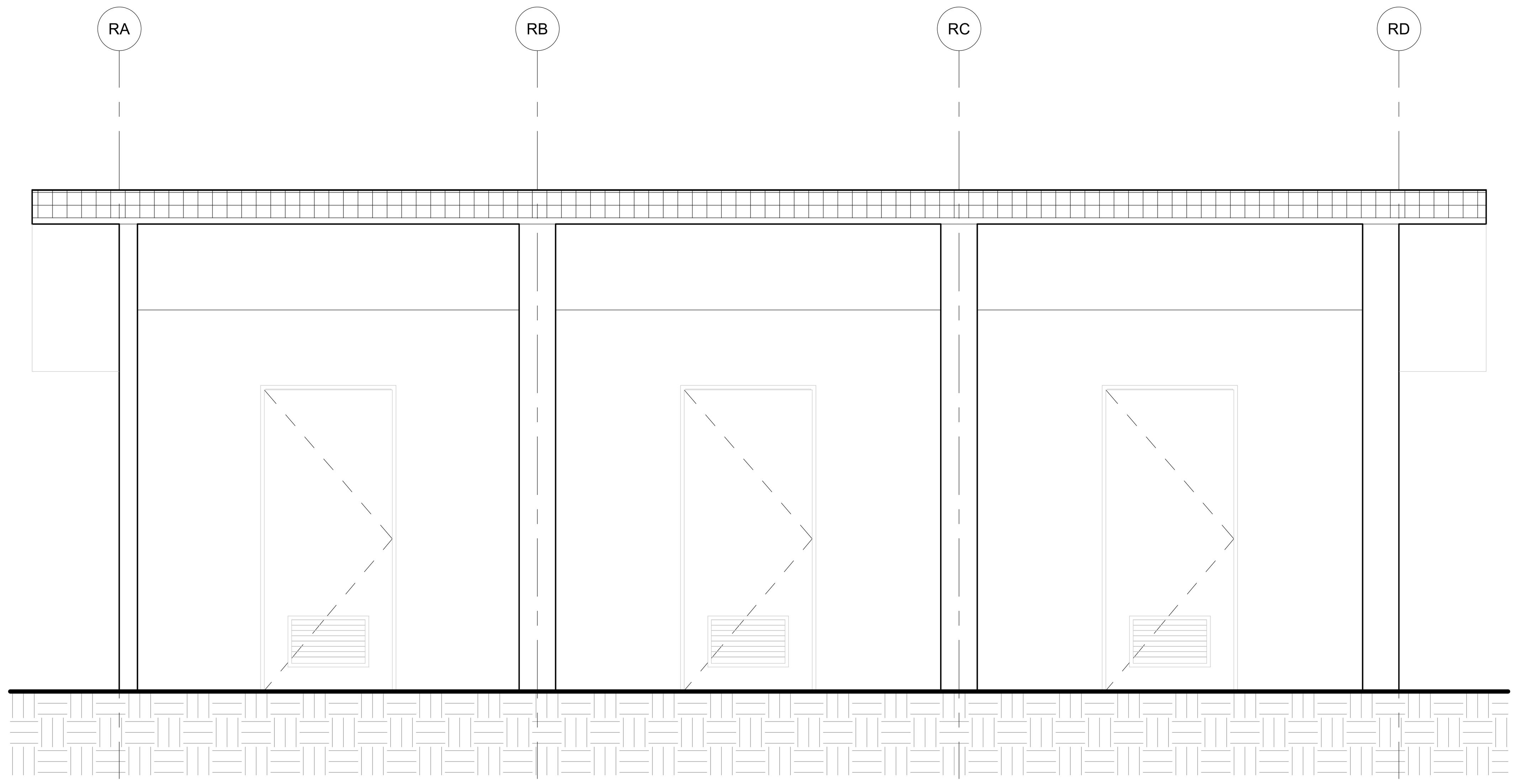
B. REFER TO EXTERIOR ELEVATIONS (**A2** SERIES SHEETS) FOR EXTERIOR CLADDING TYPES AND LOCATIONS.

KEYNOTE LEGEND

KEYNOTE	KEYNOTE TEXT



2 RESTROOM LONGITUDINAL SECTION
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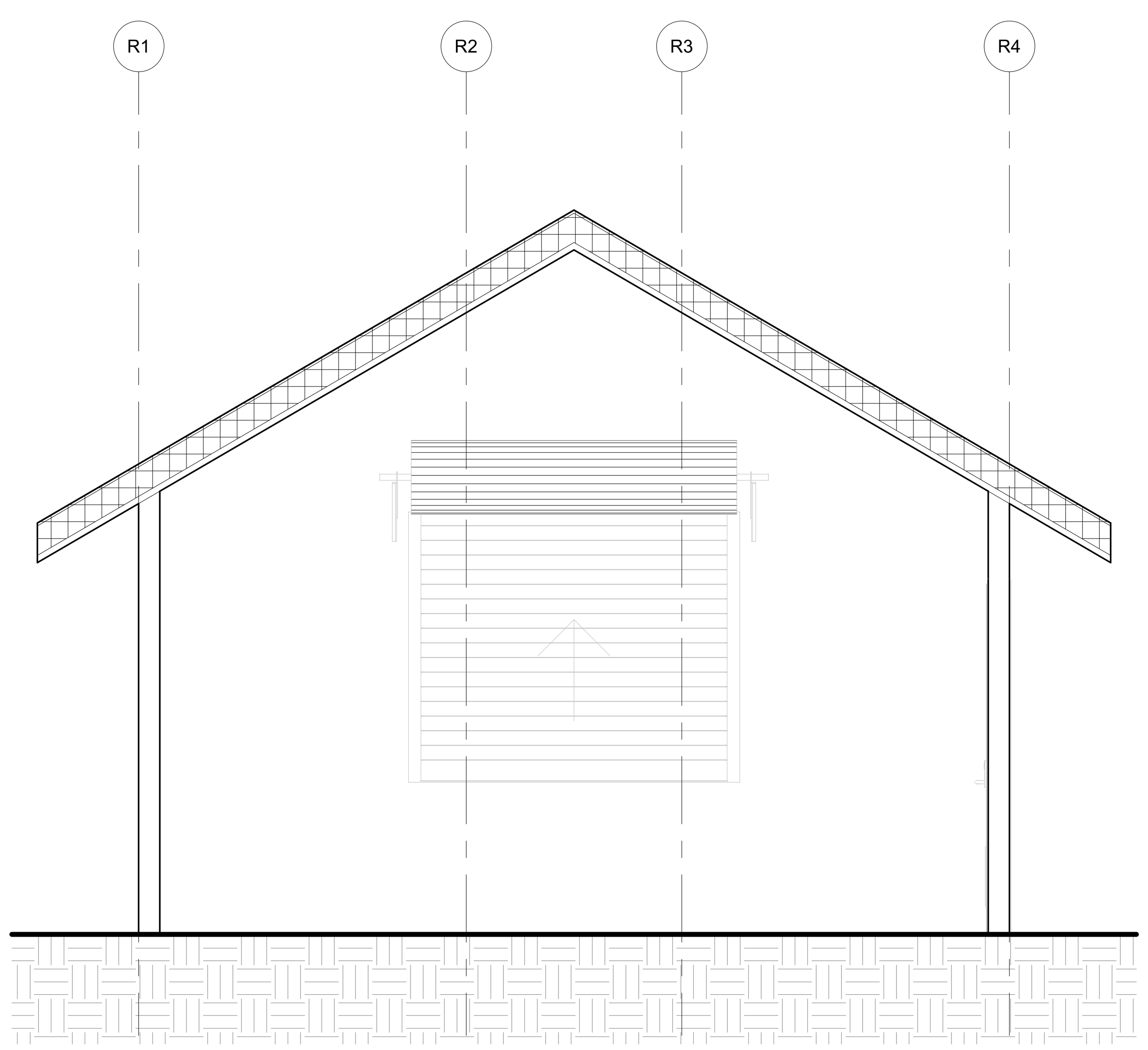

1 RESTROOM TRANSVERSE SECTION
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RESTROOM SECTIONS

A4.03

BUILDING CODE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS AND ARE REFERENCED BY THE BASIC DESIGNATION. IN THE CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

APPLICABLE CODES AND STANDARDS

BUILDING CODE	"INTERNATIONAL BUILDING CODE" (IBC), 2018 EDITION, AS AMENDED BY THE STATE OF WASHINGTON
ACI 318	AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-14)
ACI 530/530.1	AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530/530.1-13)
AISC 360	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" (AISC 360-10)
AISC 341	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS" (AISC 341-10)
AISC	"STEEL CONSTRUCTION MANUAL", 14TH EDITION AND "SEISMIC DESIGN MANUAL", 2ND EDITION
AISI S100	AMERICAN IRON AND STEEL INSTITUTE, "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" (AISI S100-12).
ASCE 7	AMERICAN SOCIETY OF CIVIL ENGINEERS, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" (ASCE 7-16)
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS C2.23	AMERICAN WELDING SOCIETY C2.23-2003 "SPECIFICATION FOR THE APPLICATION OF THERMAL SPRAY COATINGS (METALLIZING OF ALUMINUM, ZINC AND THEIR ALLOYS AND COMPOSITES FOR THE CORROSION PROTECTION OF STEEL"
AWS D1.1	AMERICAN WELDING SOCIETY D1.1-2004 "STRUCTURAL WELDING CODE - STEEL"
AWS D1.3	AMERICAN WELDING SOCIETY D1.3-08 "STRUCTURAL WELDING CODE - SHEET STEEL"
AWS D1.4	AMERICAN WELDING SOCIETY D1.4-11 "STRUCTURAL WELDING CODE - REINFORCING STEEL"
AWS A2.4	AMERICAN WELDING SOCIETY A2.4-12 "SYMBOLS FOR WELDING AND NON-DESTRUCTIVE TESTING"
NDS	NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2015 EDITION

CONCRETE

MIXING AND PLACING OF ALL CONCRETE AND SELECTION OF MATERIALS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. PROPORTIONS OF AGGREGATE TO CEMENT SHALL PRODUCE DENSE, WORKABLE MIX WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER. ALL CONCRETE, INCLUDING SLABS ON GROUND, SHALL HAVE AN ACCEPTABLE WATER-REDUCING ADMIXTURE ADDED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. ALL CONCRETE WALKS AND PAVEMENTS EXPOSED TO THE WEATHER SHALL CONTAIN AN ACCEPTABLE ADMIXTURE TO PRODUCE 4 TO 6 PERCENT ENTRAINED AIR.

MAXIMUM SIZE OF AGGREGATE SHALL BE 1-1/2 INCHES, BUT MAXIMUM SIZE OF AGGREGATE SHALL NOT BE MORE THAN THREE-QUARTERS OF THE CLEAR DISTANCE BETWEEN REINFORCING BARS.

MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER AND THE CITY OF ARLINGTON DEPARTMENT OF CONSTRUCTION AND INSPECTIONS FOR ACCEPTANCE PRIOR TO USE. MAXIMUM WATER-TO -CEMENT RATIO AND SLUMP SHALL BE AS FOLLOWS FOR VARIOUS CONCRETE STRENGTHS (fc) BASED ON STANDARD 28-DAY CYLINDER TESTS WHEN STRENGTH DATA FROM TRIAL BATCHES OR FIELD EXPERIENCE ARE NOT AVAILABLE.

CONCRETE MIX SPECIFICATION

LOCATION	f'c (PSI)	NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE	MAX W/C RATIO NON-AIR ENTRAINED	MAX W/C RATIO AIR ENTRAINED	MAXIMUM SLUMP (IN)
SPREAD FOOTINGS	4000	NWC	0.44	---	5

CONSTRUCTION JOINTS

ALL CONSTRUCTION JOINTS SHALL BE KEYED IN ACCORDANCE WITH THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON THE STRUCTURAL DRAWINGS OR, AT THE CONTRACTORS OPTION, SHALL BE INTENTIONALLY ROUGHENED IN ACCORDANCE WITH THE FOLLOWING: THE SURFACE OF ROUGHENED JOINTS SHALL BE SAND BLASTED OR ROUGHENED WITH A CHIPPING HAMMER TO EXPOSE THE AGGREGATE EMBEDDED IN THE PREVIOUS POUR. THE EXPOSED AGGREGATE SHALL PROTRUDE A MINIMUM OF ¼ INCH. ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED AND LAITANCE REMOVED. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATION OF ALL CONSTRUCTION JOINTS TO THE ENGINEER FOR ACCEPTANCE PRIOR TO STARTING FORMWORK. WATERSTOPS SHALL BE INSTALLED AND PROTECTED AT ALL CONSTRUCTION JOINTS AT OR BELOW GRADE WHERE WATER INTRUSION CAN OCCUR.

REINFORCING STEEL

ALL REINFORCING SHALL BE NEW BILLET STOCK ASTM A615, GRADE 60. BARS SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE-ANNEALED IRON WIRE. BARS SHALL BE SUPPORTED ON ACCEPTABLE NON-CORRODIBLE CHAIRS. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING OF REINFORCED CONCRETE STRUCTURES." CONTRACTOR SHALL COORDINATE REINFORCING STEEL PLACEMENT DETAILS AND PROVIDE TEMPLATES FOR PLACING STEEL IN CONGESTED AREAS AS NECESSARY.

LAP ALL REINFORCING BARS AS NOTED ON THE DRAWINGS. MECHANICAL OR WELDED BUTT SPLICES SHALL BE USED SUBJECT TO ENGINEER'S APPROVAL. MECHANICAL SPLICES SHALL DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION, UNLESS NOTED OTHERWISE.

IF WELDING OF REINFORCING IS REQUIRED, IT SHOULD BE OBSERVED AS DEFINED IN IBC SECTION 1704.4, WITH PARTICULAR EMPHASIS ON JOINT CONFIGURATION, SUITABILITY OF LOW HYDROGEN ELECTRODES, PREHEAT AND INTERPASS TEMPERATURE, AND INTERPASS SLAG REMOVAL. WELDING PROCEDURES SHALL CONFORM TO AWS D1.4. ALL WELDING OF REINFORCING STEEL SHALL BE DONE BY AWS/WABO (WASHINGTON STATE ASSOCIATION OF BUILDING OFFICIALS) CERTIFIED WELDERS.

REINFORCING STEEL MATERIALS

DEFORMED BARS	ASTM A615, GRADE 60
SMOOTH WELDED WIRE FABRIC	ASTM A185 (Fy = 65 ksi)
DEFORMED WELDED WIRE FABRIC	ASTM A497 (Fy = 70 ksi)
EPOXY COATED	ASTM A775
DEFORMED BARS TO BE WELDED OR SPECIFIED	ASTM A706, GRADE 60

MINIMUM CAST-IN-PLACE CONCRETE COVER OVER REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:
ALL BAR SIZES 3 INCHES

CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 BAR AND LARGER 2 INCHES
#5 BAR, W31 OR D31 WIRE AND SMALLER 1½ INCHES

PROVIDE L-SHAPED CORNER BARS AT ALL WALL AND FOOTING CORNERS AND INTERSECTIONS UNLESS NOTED OTHERWISE. MATCH HORIZONTAL REINFORCING BAR SIZE AND QUANTITY. LAP 50 BAR DIAMETERS.

DRILLED-IN-CONCRETE ANCHORS (DICA)

ACCEPTABLE DRILLED-IN-CONCRETE ANCHORS OF SIZE, NUMBER AND SPACING AS SHOWN ON THE DRAWINGS SHALL BE AS FOLLOWS:

FOR CONCRETE: SIMPSON STRONG-TIE STRONG-BOLT 2 WEDGE ANCHORS (ESR #3037), HILTI KWIK BOLT TZ CONCRETE ANCHORS (ESR #1917), ITW RED HEAD TRUBOLT CARBON STEEL WEDGE ANCHORS (ESR #2427), POWERS FASTENERS POWER-STUD+ SD2 CONCRETE ANCHOR (ESR #2502), OR APPROVED EQUAL.

NON-SHRINK GROUT FOR BASE PLATES

APPROVED GROUTS INCLUDE: MASTER BUILDER'S "MASTER FLOW 928", SIKA CORPORATIONS "SIKAGROUT 212," BURKE COMPANY'S "NONFERROUS NONSHRINK GROUT," OR APPROVED EQUAL. GROUT SHALL BE MIXED, APPLIED AND CURED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

EPOXY ADHESIVE

EPOXY ADHESIVE FOR CONCRETE SHALL BE AS FOLLOWS: SIMPSON STRONG-TIE "SET-XP EPOXY ADHESIVE" (ESR #2508), HILTI "HIT-HY 200 A" (ESR #3187), HILTI "HIT-RE 500 V3 EPOXY ADHESIVE ANCHOR SYSTEM" (ESR #3814), OR APPROVED EQUAL.

STRUCTURAL STEEL

ALL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS SPECIFIED OTHERWISE ON DRAWING:

ANGLES AND CHANNELS	ASTM A36, Fy=36 ksi
RECTANGULAR/SQUARE HSS	ASTM A500 GRADE B, Fy=46 ksi
ALL OTHER STEEL	ASTM A572, Fy=50 ksi ASTM A36, Fy=36 ksi (When specified as A36)
BOLTS	ASTM A325
WOOD CONNECTION BOLTS	ASTM A307
ANCHOR RODS	ASTM F1554 GR 55

STRUCTURAL STEEL AND CONNECTIONS SHALL BE PAINTED WITH AN APPROVED ZINC-RICH PAINT. BOLTS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A123 AND ASTM A153. ALL FIELD WELDS AND ANY AREAS OR ITEMS FALLING BELOW THE REQUIRED ZINC THICKNESS, BEFORE OR AFTER REMOVAL OF ANY HIGH SPOTS, SHALL BE REPAIRED IN ACCORDANCE WITH ASTM A780.

STRUCTURAL STEEL WELDING

ALL WELDING SHALL BE DONE BY AWS/WABO (WASHINGTON STATE ASSOCIATION OF BUILDING OFFICIALS) CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D1.1. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES, BASED ON PLATE THICKNESS. THE MINIMUM WELDING SHALL BE 3/16 INCH. ALL PARTIAL PENETRATION GROOVE WELD SIZES SHOWN ON THE DRAWINGS REFER TO EFFECTIVE THROAT THICKNESS.

ALL WELDS SHALL BE MADE USING LOW-HYDROGEN ELECTRODES WITH MINIMUM TENSILE STRENGTH = 70 KSI. LOW HYDROGEN SMAW ELECTRODES SHALL BE USED WITHIN 4 HOURS OF OPENING THEIR HERMETICALLY SEALED CONTAINERS, OR SHALL BE REDRIED PER AWS D.1.1, SECTION 5.3.2.1. ELECTRODES SHALL BE REDRIED NO MORE THAN ONE TIME, AND ELECTRODES THAT HAVE BEEN WET SHALL NOT BE USED.

COLD-FORMED STEEL FRAMING MEMBERS

COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAGE SHOWN ON THE PLANS. NOTATIONS ON THE DRAWINGS RELATE TO THE PRODUCT IDENTIFICATION OF THE STEEL STUD MANUFACTURERS ASSOCIATION. ALTERNATE FRAMING SHALL BE SUBJECT TO REVIEW BY THE ENGINEER PRIOR TO FABRICATION.

ALL COLD-FORMED LIGHT-GAGE METAL FRAMING SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF:
THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
THE AMERICAN IRON AND STEEL INSTITUTE (AISI)
THE AMERICAN SOCIETY OF TESTING AND MATERIALS (ASTM)
THE AMERICAN WELDING SOCIETY (AWS)
THE CITY OF SEATTLE BUILDING CODE
ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.

THE MOST STRINGENT REQUIREMENTS SHALL GOVERN WHERE CONFLICTS OCCUR BETWEEN SPECIFIED CODES AND STANDARDS.

COLD-FORMED LIGHT-GAGE METAL FRAMING AND DETAILS SHOWN HEREIN ARE INTENDED TO BE REPRESENTATIVE IN NATURE. ALTERNATIVE DETAILS MAY BE SUBSTITUTED AT CONTRACTOR'S OPTION SUBJECT TO REVIEW BY THE ENGINEER.

REFER TO MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS FOR CONDITIONS NOT OTHERWISE NOTED.

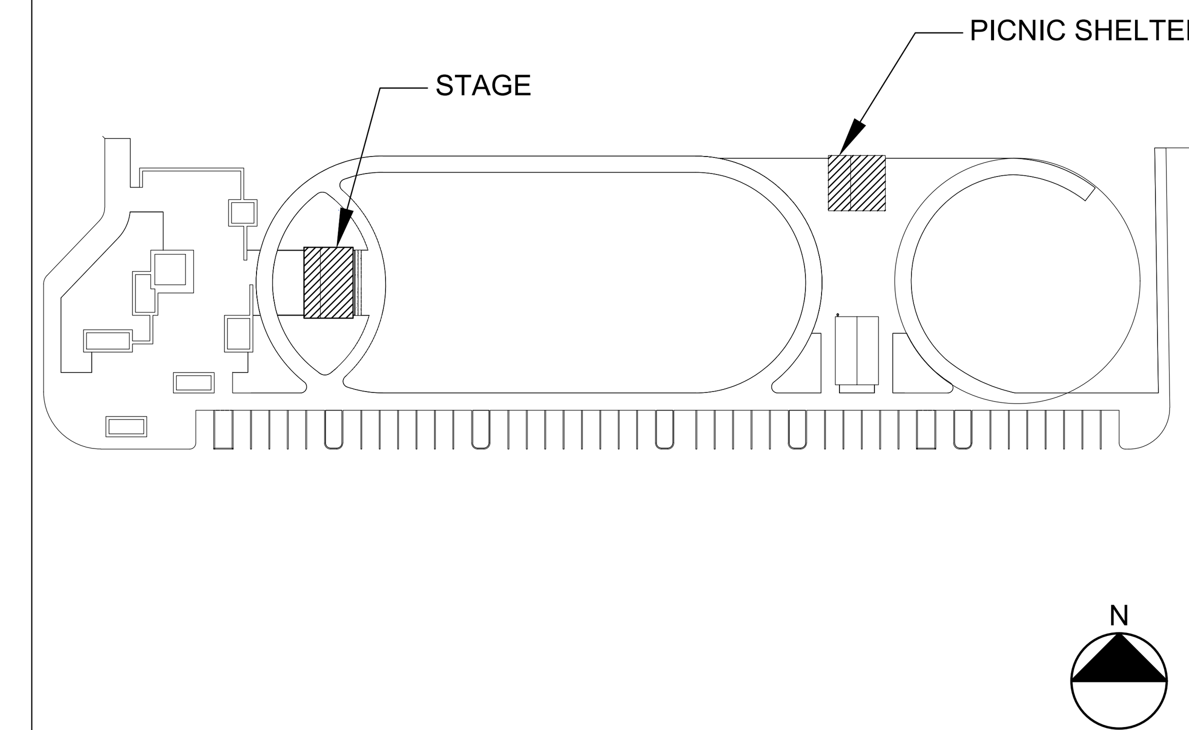
PROVIDE EXTRA STUDS, SPECIAL MEMBERS, AND ACCESSORIES AS REQUIRED AT CORNERS, INTERSECTIONS, OPENINGS ETC., IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED STANDARD DETAILS AND REQUIREMENTS.

PROVIDE LATERAL BRACING FOR ALL CEILING, SOFFIT, PARTITIONS, AND OTHER ELEMENTS AS REQUIRED.

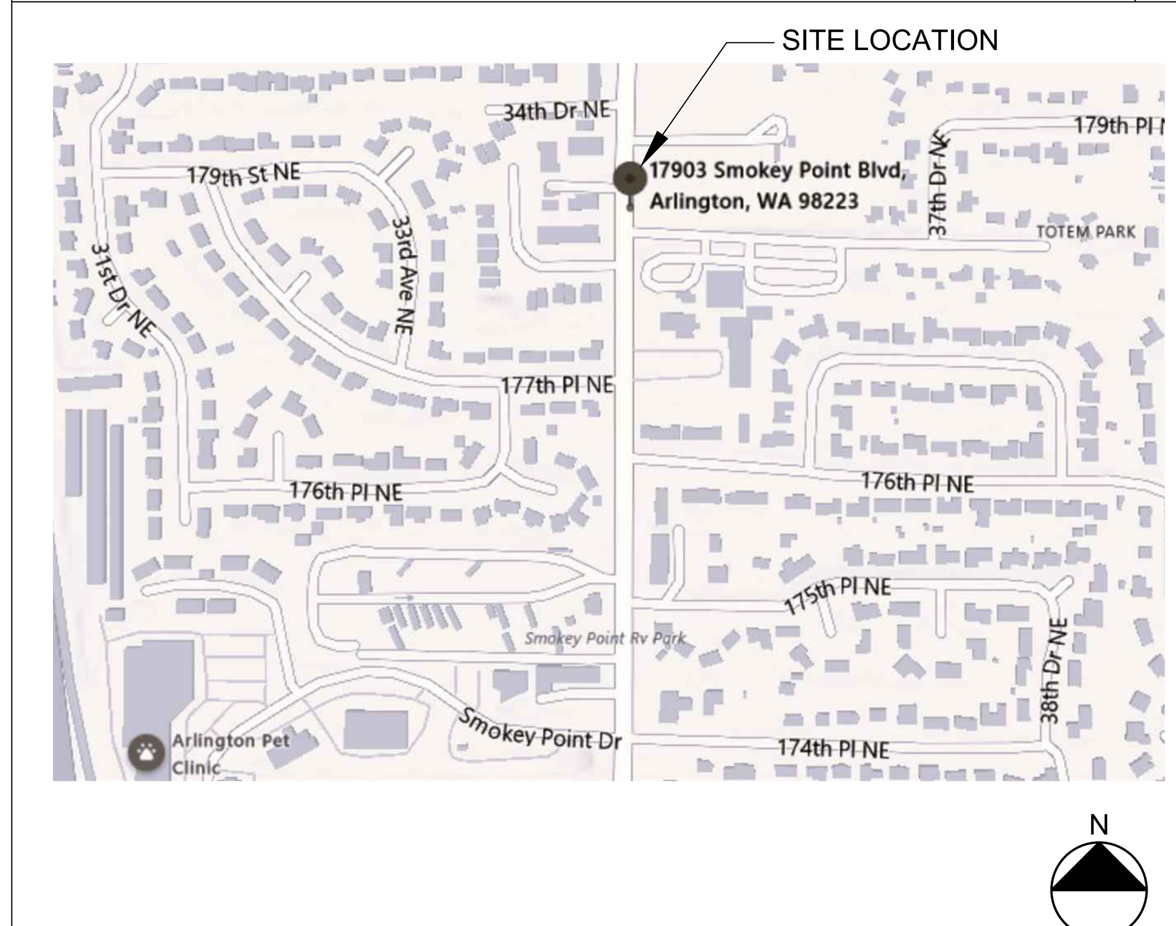
PROVIDE WALL STUD BRIDGING AT MID-HEIGHT OF WALLS NOT SUPPORTING CONCRETE.

SPLICES IN STUDS ARE NOT PERMITTED.

GENERAL NOTES NTS 6



KEY PLAN NTS 1



VICINITY MAP NTS 2

INDEX X" = 1'-0" 3

SMOKEY POINT COMMUNITY PARK
ARLINGTON, WA

Seattle Structural
Seattle Structural PS Inc.
Civil and Structural Engineering
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DESIGN DEVELOPMENT

ISSUED FOR: COORDINATION
DATE ISSUED: 8/25/2023
REVISIONS

NO.	DATE	ISSUED

DESIGNED BY: LAW
DRAWN BY: HMA
OWNER APPROVAL:
DRAWING FILE: P:\Projectfile\CAD\projectname.dwg

GENERAL NOTES, KEY PLAN, VICINITY MAP & INDEX

S1.1

CARPENTRY

FRAMING LUMBER SHALL BE GRADED AND MARKED IN CONFORMANCE WITH WCLIB STANDARD GRADING RULES FOR WEST COAST LUMBER, LATEST EDITION. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:
2x, 4x DOUGLAS-FIR SELECT STRUCT, Fb = 1600 PSI

EXPOSED TIMBER FRAMING, BOARDS AND DECKING SHALL BE ROUGH SAWN TO THE DIMENSIONS INDICATED. FRAMING NOT EXPOSED MAY BE SURFACED AND SIZES INDICATED ARE NOMINAL.

GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ANSI STANDARD A190.1. EACH MEMBER SHALL BEAR AN AITC OR APA EWS IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN AITC OR APA EWS CERTIFICATE OF CONFORMANCE. ALL SIMPLE SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4-1.8E (Fb = 2,400 PSI, Fv = 0.72x265 = 190 PSI, E = 1,800,000 PSI). ALL CANTILEVERED BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V8-1.8E (Fb = 2400 PSI, Fv = 190 PSI, E = 1,800,000 PSI). CAMBER ALL GLULAM BEAMS TO 2,000' RADIUS, UNLESS SHOWN OTHERWISE ON THE PLANS.

ALL LUMBER WITH A LEAST DIMENSION OF 2" (NOMINAL) SHALL BE STAMPED SURFACE-DRY AND SHALL HAVE MOISTURE CONTENT WHEN SURFACED AND WHEN INSTALLED OF NOT MORE THAN 19 PERCENT. LUMBER WITH A LEAST DIMENSION OF 4" (NOMINAL) OR GREATER SHALL BE STAMPED SURFACE-GREEN AND AIR-DRIED TO A MOISTURE CONTENT OF NOT MORE THAN 19 PERCENT PRIOR TO ITS USE IN FRAMING THE STRUCTURE.

TIMBER TRUSSES SHALL BE CONSTRUCTED TO THE LINES AND PROFILES AS INDICATED ON THE DRAWINGS. CONTRACTOR SHALL VERIFY ALL TRUSS DIMENSIONS PRIOR TO FABRICATION. CONNECTIONS AND CONNECTION HARDWARE SHALL BE TIGHT FITTING. TRUSSES ARE ENGINEERED FOR DESIGN GRAVITY AND LATERAL LOADS ONLY. CONTRACTOR SHALL PROVIDE ADDITIONAL REINFORCEMENT AS REQUIRED FOR HANDLING AND ERECTION.

SHEATHING SHALL BE APA PERFORMANCE RATED PANELS CONFORMING TO ESR-2586. SHEATHING MAY BE PLYWOOD OR ORIENTED STRAND BOARD (OSB), UNLESS NOTED OTHERWISE. PLYWOOD PANELS SHALL BE GRADE CD AND ALSO CONFORM TO DOC PS 1-07. OSB SHALL CONFORM TO DOC PS 2-04. ALL PANELS SHALL BE IDENTIFIED AS EXPOSURE 1 UNLESS NOTED OTHERWISE. PANEL RATING TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:
ROOF: 19/32" (OR 5/8") THICK, 40/20

UNLESS OTHERWISE NOTED ON THE PLANS, ROOF SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED WITH 10d NAILS @ 6"oc TO FRAMED PANEL EDGES AND @ 12" TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED SHEATHING EDGE CLIPS @ 16"oc AT UNBLOCKED ROOF SHEATHING EDGES.

UNLESS OTHERWISE NOTED ON THE PLANS, ROOF SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED WITH 10d NAILS @ 6"oc TO FRAMED PANEL EDGES AND @ 12" TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED SHEATHING EDGE CLIPS @ 16"oc AT UNBLOCKED ROOF SHEATHING EDGES.

SHEATHING NAILS SHALL BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING.

ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE

WOOD FRAMING

ALL WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE BUILDING CODE. MINIMUM NAILING, UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLE 2304.10.1 OF THE BUILDING CODE. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.

NAILS SHALL BE MANUFACTURED IN CANADA OR THE UNITED STATES IN SIZES AND TYPES AS FOLLOWS, UNLESS NOTED OTHERWISE:
- PNEUMATIC NAILING - PLAIN SHANK, COATED OR GALVANIZED
  - 8d = .131 DIAMETER x 2-1/2" MINIMUM LENGTH
  - 10d = .131 DIAMETER x 3" MINIMUM LENGTH
  - 16d = .131 DIAMETER x 3-1/2" MINIMUM LENGTH
- HAND NAILING - SINKERS, COATED
  - 8d = 11-1/2 GAGE x 2-3/8"
  - 10d = 11 GAGE x 2-7/8"
  - 16d = 9 GAGE x 3-1/4"

NOTATIONS ON DRAWINGS RELATING TO FRAMING CLIPS, JOIST HANGERS AND OTHER CONNECTING DEVICES REFER TO CATALOG NUMBERS OF CONNECTORS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, SAN LEANDRO, CALIFORNIA. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. SUBMIT MANUFACTURER'S CATALOG AND ICBO REPORTS TO ARCHITECT AND ENGINEER FOR REVIEW WHEN REQUESTING SUBSTITUTIONS. ALL SPECIFIED FASTENERS MUST BE USED AND PROPER INSTALLATION PROCEDURES MUST BE OBSERVED IN ORDER TO OBTAIN ICBO APPROVED LOAD CAPACITIES. VERIFY THAT THE DIMENSIONS OF THE SUPPORTING MEMBER ARE SUFFICIENT TO RECEIVE THE SPECIFIED FASTENERS.

STRUCTURAL DESIGN DATA

GRAVITY LOADS (DEAD LOAD / SUPERIMPOSED DEAD LOAD / LIVE LOAD) SHALL BE IN ACCORDANCE WITH THE LOAD MAP

ROOF DEAD LOAD:	15 PSF
ROOF LIVE LOAD	20 PSF
SNOW LOADS	25 PSF
WIND LOADS	WIND PRESSURE SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. BASIC WIND SPEED EQUALS 98 MPH 3 SECOND GUST ULTIMATE EQUALS 72 MPH 3 SECOND GUST NOMINAL EXPOSURE C, IMPORTANCE FACTOR OF 1.0
SEISMIC LOADS:	2018 IBC Ss = 1.067 g, S1 = 0.381 g SITE CLASS D Fa = 1.073, Fv = NA SDS = 0.763, SD1 = NA OCCUPANCY CATEGORY II, Ie = 1.0 SEISMIC DESIGN CATEGORY D STEEL ORDINARY CANTILEVER COLUMN SYSTEM R = 1.25, Ωo = 1.25, Cd = 1.25 DESIGN BASE SHEAR, V = 0.611W

GEOTECHNICAL ENGINEERING REPORT: PREPARED BY ASSOCIATED EARTH SCIENCES, INC. DATED JULY 28, 2023.

SOIL BEARING: 2500 PSF ALLOWABLE, WITH 1/3 INCREASE FOR WIND AND SEISMIC

FOUNDATIONS

FOUNDATION EXCAVATION, BACKFILL AND COMPACTION SHALL CONFORM TO SPECIFICATION REQUIREMENTS AND PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT. THIS CONSTRUCTION WORK, INCLUDING DRAINAGE, SHORING AND SUCH OTHER RELATED WORK AS REQUIRED, SHALL BE CONDUCTED BY THE CONTRACTOR UNDER THE OBSERVATION AND DIRECTION OF THE GEOTECHNICAL ENGINEER.

FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST 24" BELOW LOWEST ADJACENT FINISHED GRADE. MATERIAL SHALL BE COMPACTED TO 95% MINIMUM OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.

FOOTINGS MAY BE POURED IN NEAT EXCAVATIONS PROVIDED SIZE IS INCREASED 3" AT EACH INTERFACE WITH SOIL.

ALL FOOTING EXCAVATIONS SHALL BE HAND CLEANED PRIOR TO PLACING CONCRETE.

ALL ABANDONED FOOTINGS, UTILITIES, ETC. THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.

CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING REQUIRED TO SAFELY RETAIN EXCAVATIONS.

SPECIAL INSPECTION

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION PER IBC SECTION 1705. THESE INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR CERTIFIED BY THE CITY OF ARLINGTON TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SPECIAL INSPECTION AND TESTING.

ITEM	DESCRIPTION
CONCRETE CONSTRUCTION	PER IBC 1705.3 & TABLE 1705.3 REINFORCING STEEL REINFORCING STEEL WELDING BOLTS INSTALLED IN CONCRETE POST INSTALLED CONCRETE ANCHORS CONCRETE MIX CONCRETE SAMPLING CONCRETE PLACEMENT CONCRETE CURING
STEEL CONSTRUCTION	PER IBC 1705.2 WELDING FRAME DETAIL
WOOD CONSTRUCTION	PER IBC 1705.5 & 1705.11.1 & 1705.12.2 NAILING OF DIAPHRAGMS
SOILS	PER IBC 1705.6 & TABLE 1705.6 MATERIALS BELOW FOOTINGS EXCAVATION DEPTHS CONTROLLED FILL CLASSIFICATION & TESTING CONTROLLED FILL PLACEMENT & COMPACTION SUBGRADE PREPARATION
EPOXY ANCHORS, DRILLED-IN	INSTALLATION PER INTERNATIONAL CODE
CONCRETE ANCHORS	COUNCIL (ICC) EVALUATION SERVICE REPORTS

SHOP DRAWINGS

SHOP DRAWINGS FOR REINFORCING STEEL AND STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THEREFORE, THEY SHALL BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

STRUCTURAL OBSERVATION

PER IBC 1704.5, THE ENGINEER OF RECORD SHALL PROVIDE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS AT SIGNIFICANT CONSTRUCTION STAGES AND AT COMPLETION OF THE STRUCTURAL SYSTEM. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY IBC SECTION 110, 1704 OR OTHER SECTIONS OF IBC. ITEMS TO OBSERVE:
- FOUNDATIONS FOR LATERAL RESISTING ELEMENTS
- ROOF DIAPHRAGMS & ATTACHMENTS
- DRAG-STRUTS, COLLECTORS & CONNECTIONS

CORROSION CONTROL

CUTS, SCRATCHES OR OTHER DEFECTS IN THE COATING SYSTEMS APPLIED TO PILING AND STRUCTURAL STEEL SHALL BE REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.

SUPPLEMENTARY NOTES

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL AND CIVIL ENGINEERING DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF WALL OPENINGS.

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED.

CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM HIS WORK. STRUCTURAL DESIGN OF THE BUILDING IS BASED ON RESISTANCE TO DEAD LOADS, CODE SPECIFIED LATERAL LOADS, AND MAXIMUM EXPECTED SERVICE LOADS. NO CONSIDERATION HAS BEEN GIVEN TO LOADS WHICH WILL BE INDUCED BY ERECTION PROCEDURES. THE CONTRACTOR SHALL VERIFY, TO THE SATISFACTION OF HIMSELF AND THE OWNER, THE ABILITY OF THE STRUCTURE TO RESIST ALL ERECTION LOADS WITHOUT EXCEEDING THE ALLOWABLE STRESSES OF THE MATERIALS USED. WHERE ERECTION LOADS WOULD OVERSTRESS THE STRUCTURE, THE CONTRACTOR SHALL SUBMIT DESIGN DOCUMENTS FOR TEMPORARY BRACING AND STRENGTHENING, INCLUDING FABRICATION AND ERECTION DRAWINGS, TO THE ARCHITECT FOR REVIEW. THESE DOCUMENTS SHALL BEAR THE SEAL AND SIGNATURE OF A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF WASHINGTON. THE CONTRACTOR SHALL PROVIDE, INSTALL AND IF NECESSARY REMOVE SUCH TEMPORARY WORK AS REQUIRED.

CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.

MISCELLANEOUS

1. INFORMATION CONTAINED IN THESE DRAWINGS IS BASED ON LIMITED FIELD MEASUREMENTS. THE INFORMATION CONTAINED HEREIN MAY REQUIRE ADJUSTMENTS OR MODIFICATIONS TO CONFORM WITH EXISTING CONDITIONS. IN CASES WHERE CHANGES ARE NECESSARY, THESE DRAWINGS SHALL BE USED TO SHOW THE DESIGN INTENT ONLY.

2. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND SUBCONTRACTORS. CONTRACTOR SHALL FURNISH ALL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION.

3. EXCEPT AS SPECIFICALLY NOTED, CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, THEIR FACILITIES, TEMPORARY UTILITIES, AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK.

4. CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL FINISH MATERIALS FOR REVIEW AND APPROVAL BY OWNER UNLESS OTHERWISE NOTED. AT A MINIMUM, SUBMITTALS SHALL INCLUDE SAMPLES, MANUFACTURER'S PRODUCT DATA, MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONTRACTOR SHALL ALSO PROVIDE PROPOSED INSTALLATION METHOD AND MATERIALS IF OTHER THAN THAT RECOMMENDED BY MANUFACTURER.

5. WITHIN FIVE (5) BUSINESS DAYS OF START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF ANY ITEMS WHOSE ESTIMATED DELIVERY TO THE SITE WOULD BE LATER THAN THAT REQUIRED FOR TIMELY INSTALLATION IN THE CONSTRUCTION SEQUENCE. SUBSTITUTION OF ALTERNATE ITEMS WITH SHORTER LEAD TIMES, PAYMENT OF RUSH FABRICATION OR DELIVERY CHARGES, OUT OF SEQUENCE INSTALLATION OR DELAY OF INSTALLATION OPTIONS TO BE AT THE SOLE APPROVAL OF THE OWNER.

6. SUBSTITUTION REQUESTS MUST BE MADE IN WRITING TO THE OWNER, AND MUST INCLUDE A COMPLETE SUBMITTAL OF PROPOSED PRODUCT SAMPLES, DATA AND INSTALLATION METHOD.

7. CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES, EQUIPMENT, AND POWER SOURCES. FIELD VERIFY LOCATIONS OF EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT THAT MAY BE IMPACTED AS A RESULT OF THIS WORK. PROVIDE ALL LABOR AND MATERIAL REQUIRED TO DISCONNECT, RE-CONNECT MECHANICAL AND ELECTRICAL EQUIPMENT.

8. THE EFFECTIVE DATE OF WARRANTIES, GUARANTEES AND MANUFACTURER'S INSTRUCTIONS ON EQUIPMENT FURNISHED AND INSTALLED AS PART OF THIS WORK, SHALL BE THE DATE OF SUBSTANTIAL COMPLETION.

9. CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY HIM OR HIS SUBCONTRACTORS DURING CONSTRUCTION.

10. CONTRACTOR TO DISPOSE OF ALL REFUSE OFFSITE AT A LEGAL DUMP SITE.

11. ALL WORKMANSHIP AND MATERIALS SHALL BE GUARANTEED FOR ONE YEAR AFTER WRITTEN ACCEPTANCE.

12. ALL MANUFACTURED MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC., SHALL BE HANDLED & INSTALLED IN CONFORMANCE W/ MANUFACTURER'S SPECIFICATIONS & INSTRUCTIONS. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ENGINEER'S REVIEW & APPROVAL.

13. PRIOR TO RECEIVING FINISH, ALL SURFACES SHALL BE PROPERLY PREPARED AS REQUIRED TO RECEIVE FINAL FINISHING AS SPECIFIED.

14. PREPARE STEEL SURFACES AS RECOMMENDED BY PAINT MANUFACTURER AND PROVIDE TWO COATS SELF PRIMING, HIGH PERFORMANCE COATING, SEMI-GLOSS FOR METAL SURFACES.

15. PROVIDE OWNER WITH EXTRA FINISH MATERIAL STOCK: MINIMUM OF ONE GALLON PAINT.

16. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CORRECTING CLEARANCE CONFLICTS RELATED TO IT'S MECHANICAL, ELECTRICAL & LIFE SAFETY SYSTEM WORK. THIS INCLUDES CONFLICTS BETWEEN NEW & EXISTING BUILDING SYSTEMS.

17. ALL WORK SHALL CONFORM TO CURRENT APPLICABLE CODES.

18. CONTRACTOR TO CLEAN ALL SURFACES OF DIRT AND DEBRIS PRIOR TO SUBSTANTIAL COMPLETION OF PROJECT.

GENERAL NOTES

NTS 3

SMOKEY POINT COMMUNITY PARK

ARLINGTON, WA

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DRAWING FILE: P:\Projectfile\CAD\projectname.dwg

GENERAL NOTES

S1.2

@	AT (THE RATE OF)
&	AND
"	INCH
#	NUMBER OR POUND
Ø	DIAMETER, ROUND,
2L	DOUBLE ANGLE BRACE
2LL	2L WITH LLBB
2SL	2L WITH SLBB
A	AREA
ADDL	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AL	ALUMINUM
ALT	ALTERNATE
AMT	AMOUNT
ANCH	ANCHOR, ANCHORAGE
APA	AMERICAN PLYWOOD ASSOCIATION
APPVD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT, ARCHITECTURAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVG	AVERAGE
AWS	AMERICAN WELDING SOCIETY
BD	BOARD
BEV	BEVEL
BF	BOTH FACES
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM, BENCH MARK
BOT	BOTTOM
BP	BASE PLATE
BRDG	BRIDGE, BRIDGING
BRG	BEARING
BS	BOTH SIDES
BTWN	BETWEEN
C	CHANNEL, DEGREES CELSIUS
C/C	CENTER TO CENTER
CAD	COMPUTER-AIDED DRAFTING
CF	CUBIC FEET
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CO	COMPANY, CUT OUT
COL	COLUMN
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CP	COMPLETE PENETRATION WELD
CTR	CENTER
CU. FT.	CUBIC FEET
CU. IN.	CUBIC INCH
CU. YD.	CUBIC YARD
CW	CLOCKWISE
CY	CUBIC YARD, CYCLE
d	PENNY (NAILS)
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DIAG	DIAGONAL
DIA, Ø	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DP	DEEP
DWG	DRAWING
DWL	DOWEL
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION, ELEVATOR
ELEC	ELECTRICAL
ENCL	ENCLOSURE
ENGR	ENGINEER
EQ	EARTHQUAKE, EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
ETC	ETCETERA
EW	EACH WAY
E, EXIST	EXISTING
EXT	EXTERIOR
F	DEGREES FAHRENHEIT
FB	FLAT BAR
FF	FAR FACE
FFE	FINISHED FLOOD ELEVATION
FIN	FINISH, FINISHED
FLG	FLANGE
FLR	FLOOR
FP	FIREPROOF
FS	FAR SIDE
FT	FOOT, FEET
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GR	GRADE
GRND	GROUND
HGT	HEIGHT
HHMB	HEX HEAD MACHINE BOLT
HK	HOOK OR HOOKS
HOR	HORIZONTAL
HORIZ	HORIZONTAL
HP	HP SHAPES; HIGH POINT
HR	HOUR
HS	HIGH STRENGTH
HSS	HOLLOW STEEL SECTION
HVAC	HEATING, VENTILATING & AIR CONDITIONING
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH
INCL	INCLINE, INCLUDE
INFO	INFORMATION
INT	INTERIOR, INTERNAL
JCT	JUNCTION
JST	JOIST
JT	JOINT
K	KILOPOUND (1000 POUNDS) KELVIN (TEMPERATURE)
KG	KILOGRAM
KIP	KILOPOUND (1000 POUNDS)
KSI	KIPS PER SQUARE INCH
L	ANGLE, LEFT, LENGTH
LB OR #	POUND (WEIGHT)
LENG	LENGTH
LH	LEFT HAND
LL	LIVE LOAD
LLBB	LONG LEGS BACK-TO-BACK
LOC(S)	LOCATE, LOCATION(S)
LONGIT	LONGITUDINAL
LP	LOW POINT
LSL	LONG SLOTTED HOLES
LVL	LEVEL
M	METER, BENDING MOMENT, MISC SHAPE
MATL	MATERIAL
MAX	MAXIMUM
MC	MISCELLANEOUS CHANNEL
M/E/P	MECHANICAL/ ELECTRICAL/ PLUMBING
ME	MECHANICAL ENGINEER
MECH	MECHANICAL
MEZZ	MEZZANINE
MF	MOMENT FRAME
MFR	MANUFACTURER
MIN	MINIMUM; MINUTE
MISC	MISCELLANEOUS
MK	MARK
MTL	MATERIAL, METAL
N	NORTH
NF	NEAR FACE
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OVS	OVERSIZED HOLES
P,PIPE	STANDARD PIPE
PCF	POUNDS PER CUBIC FOOT
PERP	PERPENDICULAR
PX	EXTRA STRONG PIPE
PIPEX	EXTRA STRONG PIPE
PXX	DOUBLE EXTRA STRONG PIPE
PIPEXX	DOUBLE EXTRA STRONG PIPE
PL	PLATE, PLAN
PLCS	PLACES
PLF	POUNDS PER LINEAL FOOT
PLWD	PLYWOOD
PP	PARTIAL PENETRATION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
R	RADIUS, RIGHT
RD	ROUND
REF	REFERENCE
REQD	REQUIRED
RH	RIGHT HAND
RMS	ROOT MEAN SQUARED
S	SOUTH, AMERICAN STANDARD SHAPE
SCHED	SCHEDULE
SDQ	SPECIAL DUCTILE QUALITY
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SLBB	SHORT LEGS BACK-TO-BACK
SLOT	SLOTTED
SPCG	SPACING
SPEC	SPECIFICATION, SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
SSL	SHORT SLOTTED HOLES
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STRUC	STRUCTURAL
SY	SQUARE YARD
SYM	SYMMETRICAL
T	TOP
T&B	TOP AND BOTTOM
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TEST
V, VERT	VERTICAL
VIF	VERTICAL INSIDE FACE
VOL	VOLUME
W	WEST, WIDTH
W/	WITH
W/O	WITHOUT
WD	WOOD
WF	WIDE FLANGE (STRUCTURAL STEEL)
WP	WATERPROOF, WORKING POINT
WPJ	WEAKENED PLANE JOINT
WS	WATERSTOP
WT	WEIGHT; STRUCTURAL TEE CUT FROM W SHAPE
YD	YARD
YR	YEAR

ABBREVIATIONS NTS 3

NTS 9

SMOKEY POINT COMMUNITY PARK

ARLINGTON, WA

Seattle Structural

Seattle Structural PS Inc.
Civil and Structural Engineering
3131 Elliott Avenue, Suite 600A
Seattle, WA 98121
206-343-3000 phone 206-343-3013 fax

DESIGN DEVELOPMENT

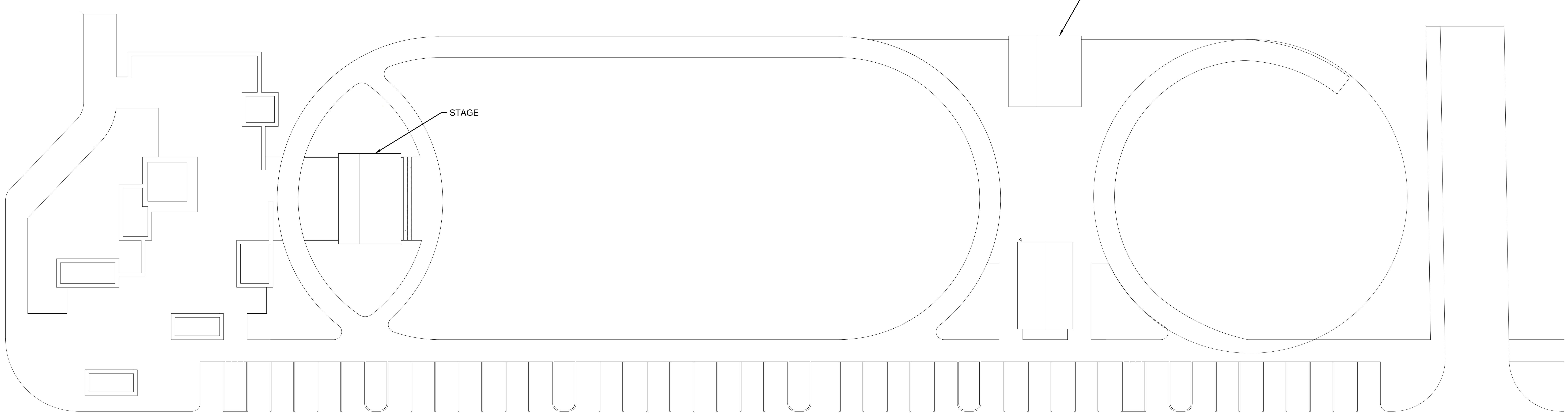
ISSUED FOR: COORDINATION
DATE ISSUED: 8/25/2023
REVISIONS

NO.	DATE	ISSUED

DESIGNED BY: LAW
DRAWN BY: HMA
OWNER APPROVAL:
DRAWING FILE: P:\Projectfile\CAD\projectname.dwg

ABBREVIATIONS

S1.3



SITE PLAN

1" = 20'-0" | 3

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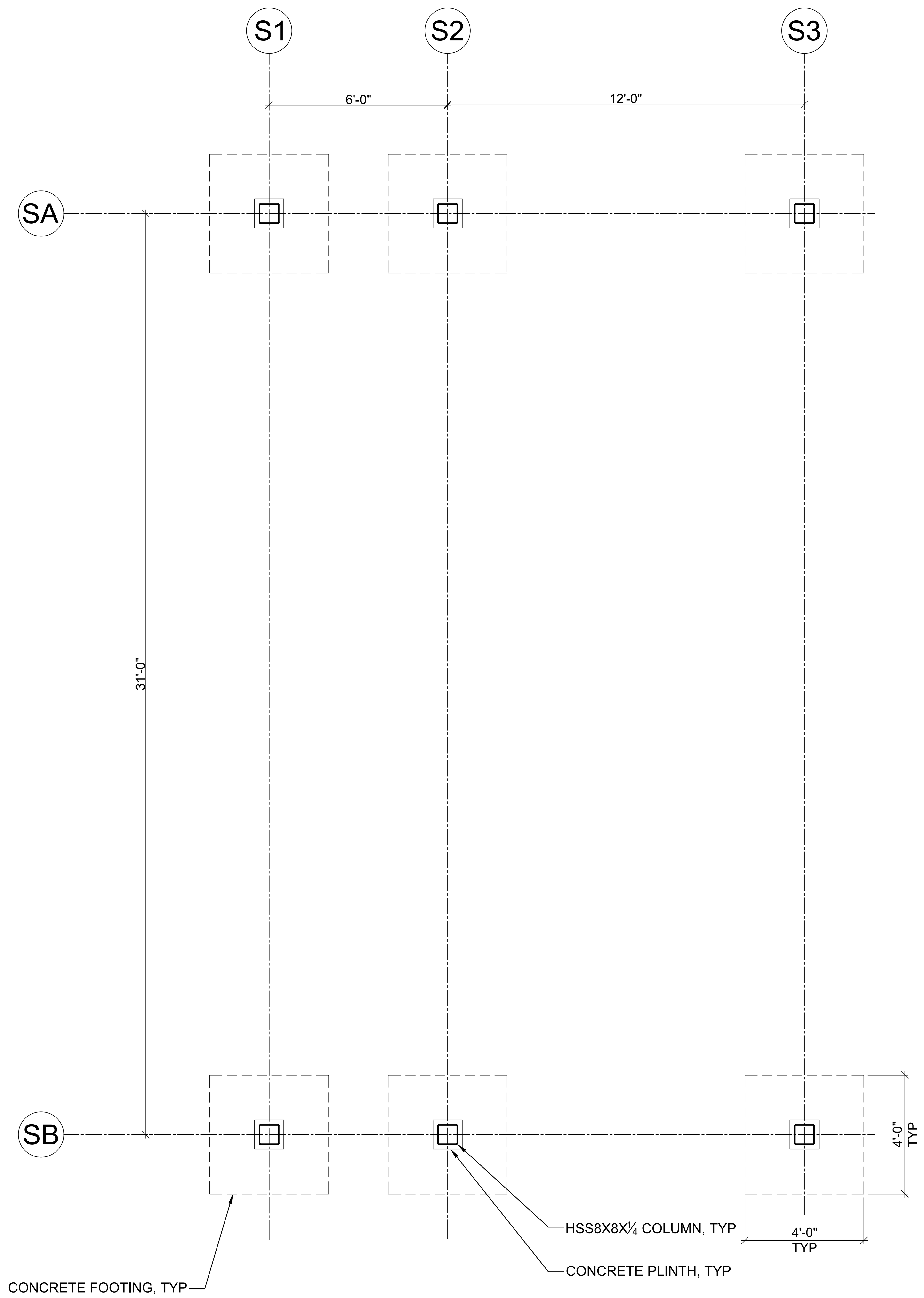
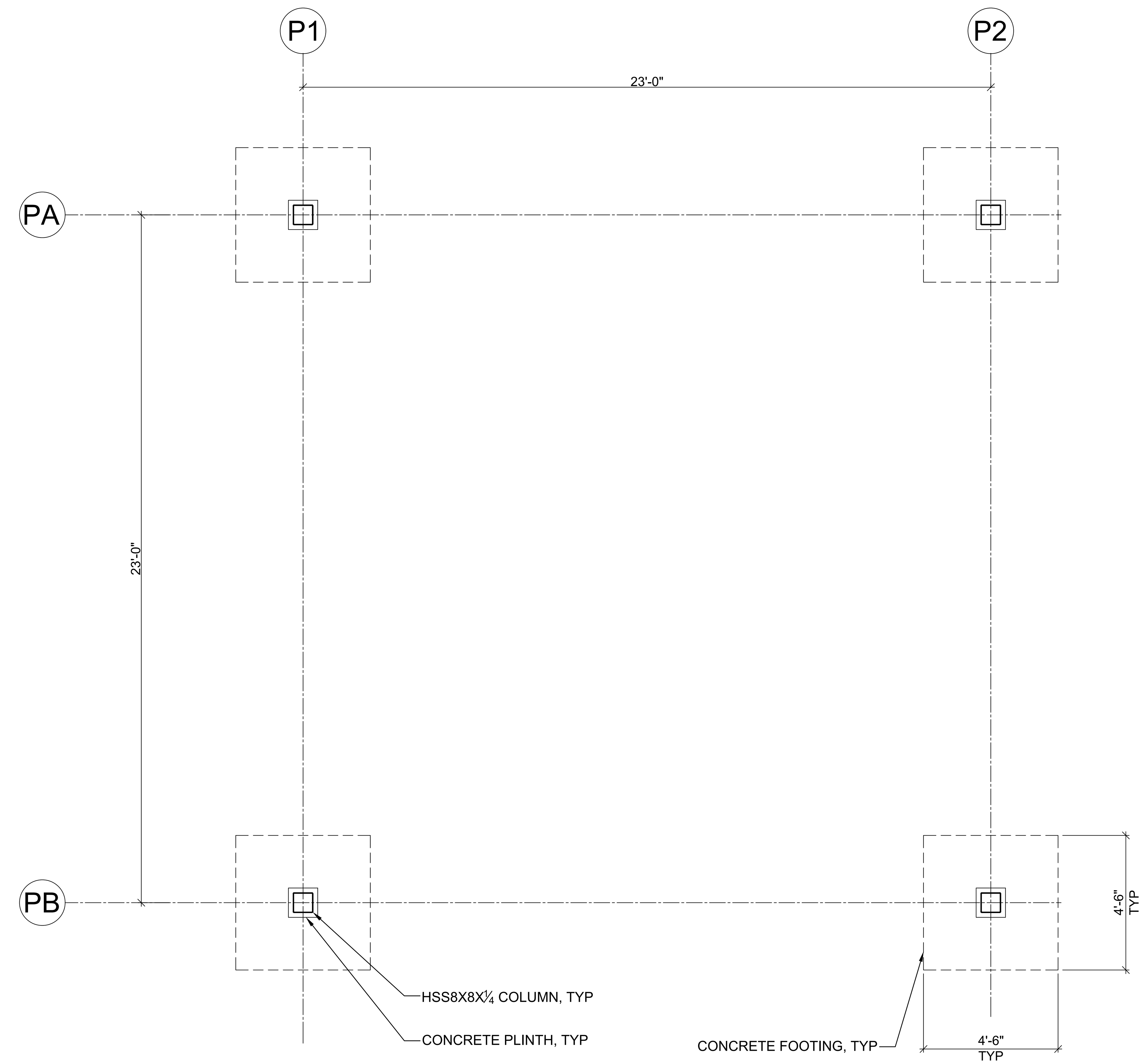
SITE PLAN

S2.1



STAGE FOUNDATION PLAN ⅜" = 1'-0" 9



PICNIC SHELTER FOUNDATION ⅜" = 1'-0" 3

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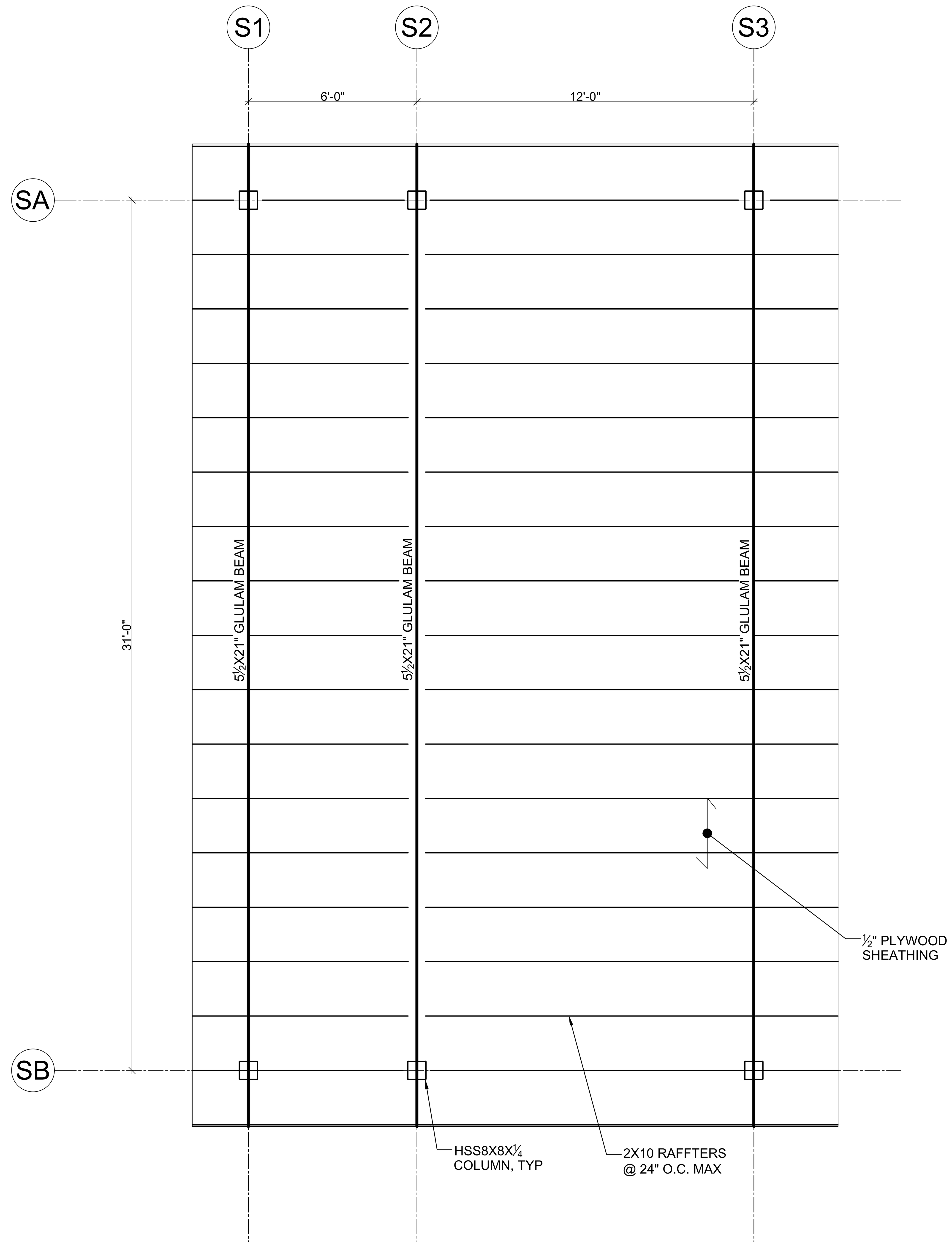
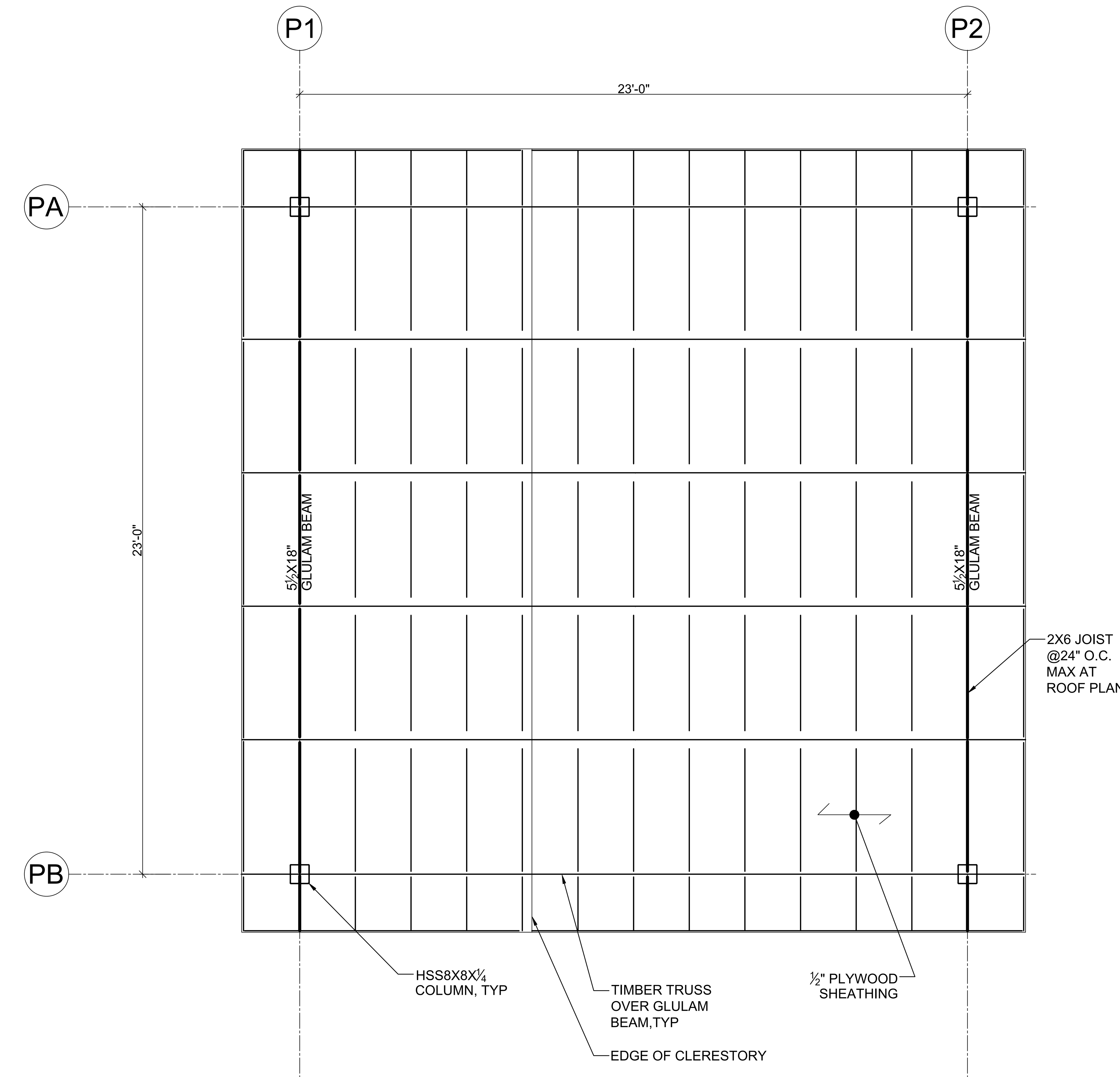
FOUNDATION PLANS

S2.2



STAGE ROOF FRAMING PLAN ⅜" = 1'-0" 9



PICNIC SHELTER ROOF FRAMING PLAN ⅜" = 1'-0" 3

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ROOF FRAMING PLANS

S2.3

REFERENCE SYMBOLS

	NEW ELECTRICAL WORK
	EXISTING ELECTRICAL WORK
	ENLARGED PLAN BORDER
	MATCHLINE
	ITEM TO BE REMOVED
	AREA NOT IN CONTRACT
E3,1	MATCHLINE ARROW
1 E-001	SECTION IDENTIFIER
1 E-001	DETAIL OR DRAWING IDENTIFIER
	REVISION TAG
AHU-XXX	EQUIPMENT IDENTIFIER
1	SHEET NOTE
	NORTH ARROW

RACEWAY SYMBOLS

	CONDUIT IN CEILING OR WALL
	CONDUIT IN FLOOR OR BELOW GRADE
4PN-102/1,3,5	HOME RUN TO BRANCH CIRCUIT PANELBOARD
	CABLE TRAY - LADDER TYPE

DIAGRAM SYMBOLS

	CIRCUIT BREAKER
GF	GROUND FAULT RELAY
M	METER
	TRANSFORMER
	GROUND
	CURRENT TRANSFORMER
SPD	SURGE PROTECTIVE DEVICE
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
	TRANSFER SWITCH
XX.XKAIC	FAULT CURRENT TAG
	FUSED SWITCH
	SINGLE POLE SINGLE THROW SWITCH
	FUSE

POWER SYMBOLS

	GROUND BAR
	JUNCTION BOX
CLNG	JUNCTION BOX CEILING
	JUNCTION BOX FLOOR
$	POWER SWITCH
	DUPLEX RECEPTACLE FLOOR
XX"	DUPLEX RECEPTACLE WALL XX" = MOUNTING HEIGHT G = GROUND FAULT CIRCUIT INTERRUPTER WP = WEATHERPROOF C = CONTROLLED
	FOURPLEX RECEPTACLE FLOOR
	FOURPLEX RECEPTACLE CEILING
	FOURPLEX RECEPTACLE WALL
	SPECIAL RECEPTACLE CEILING
	SPECIAL RECEPTACLE FLOOR
	SPECIAL RECEPTACLE WALL
	TRANSFORMER
	SAFETY DISCONNECT SWITCH (FUSED)
	PANELBOARD
	EQUIPMENT CONNECTION. REFER TO MOTOR AND EQUIPMENT SCHEDULE FOR REQUIREMENTS

LIGHTING SYMBOLS

$D	DIMMER SWITCH
$K	KEYED SWITCH
	OCCUPANCY SENSOR CEILING
	OCCUPANCY SENSOR WALL
$	SINGLE POLE SWITCH
$3	THREE-WAY SWITCH
$OS	OCCUPANCY SENSOR SWITCH
$T	TIMER SWITCH
	EXIT SIGN
	LINEAR FIXTURE
	STRIP LUMINAIRE
	BOLLARD
	WALL LUMINAIRE
	DOUBLE-SIDED EXIT SIGN
	SINGLE-SIDED EXIT SIGN
	PHOTOCELL

SECURITY SYMBOLS

	CAMERA

ELECTRICAL SHEET INDEX

E0.01	ELECTRICAL LEGEND AND NOTES
E0.02	ELECTRICAL SCHEDULES
E1.00	OVERALL ELECTRICAL SITE PLAN
E1.01	PARTIAL ELECTRICAL SITE PLAN
E1.02	PARTIAL ELECTRICAL SITE PLAN
E1.03	PARTIAL ELECTRICAL SITE PLAN
E9.01	ELECTRICAL DETAILS

ABBREVIATIONS:

1P	1 POLE (2P, 3P, 4P, ETC.)
A	AMPERE
AC	ABOVE COUNTER
ACLG	ABOVE CEILING
ADO	AUTOMATIC DOOR OPENER
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AMP	AMPERE
AMPL	AMPLIFIER
ANNUN	ANNUNCIATOR
APPROX	APPROXIMATELY
AQ-STAT	AQUASTAT
ARCH	ARCHITECT, ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BATT	BATTERY
BD	BOARD
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CAB	CABINET
CAT	CATALOG
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CCT	CIRCUIT
CLG	CEILING
COMB	COMBINATION
CMPR	COMPRESSOR
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUATION OR CONTINUOUS
CONTR	CONTRACTOR
CONV	CONVECTOR
CP	CIRCULATING PUMP
CRT	CATHODE-RAY TUBE
CT	CURRENT TRANSFORMER
CTR	CENTER
CU	COPPER
DCP	DOMESTIC WATER CIRCULATING PUMP
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DN	DOWN
DPR	DAMPER
DS	SAFETY DISCONNECT SWITCH
DT	DOUBLE THROW
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATOR
ELU	EMERGENCY LIGHTING UNIT
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EP	ELECTRIC PNEUMATIC
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXH	EXHAUST
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FABP	FIRE ALARM BOOSTER POWER
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FU	FUSE
FUDS	FUSED SAFETY DISCONNECT SWITCH
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRS	GALVANIZED RIGID STEEL (CONDUIT)
GYP BD	GYPSUM BOARD
HOA	HANDS-OFF-AUTOMATIC SWITCH
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
I/W	INTERLOCK WITH
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT-AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LOC	LOCATE OR LOCATION
LT	LIGHT
LTG	LIGHTING
LV	LOW VOLTAGE
MAX	MAXIMUM
MAG.S	MAGNETIC STARTER
M/C	MOMENTARY CONTACT
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDC	MAIN DISTRIBUTION CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MFS	MAIN FUSED DISCONNECT SW
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MMS	MANUAL MOTOR STARTER
MOA	MULTIOUTLET ASSEMBLY
MSP	MOTOR STARTER PANELBOARD
MSBD	MAIN SWITCHBOARD
MT	MOUNT
MT.C	EMPTY CONDUIT
MTS	MANUAL TRANSFER SWITCH
MTR	MOTOR, MOTORIZED
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFDS	NON-FUSED SAFETY DISCONNECT SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
NPF	NORMAL POWER FACTOR
NTS	NOT TO SCALE
OH	OVERHEAD
OL	OVERLOADS
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSHBUTTON
PE	PNEUMATIC ELECTRIC
PED	PEDESTAL
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATING VALVE
PNL	PANEL
PP	POWER POLE
PR	PAIR
PRI	PRIMARY
PROJ	PROJECTION
PRV	POWER ROOF VENTILATOR
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (CONDUIT)
PWR	POWER
QUAN	QUANTITY
RCPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
RSC	RIGID STEEL CONDUIT
RTU	ROOF TOP UNIT
SC	SURFACE CONDUIT
SEC	SECONDARY
SHT	SHEET
SIM	SIMILAR
S/N	SOLID NEUTRAL
SPEC	SPECIFICATION
SPKR	SPEAKER
SP	SPARE
SR	SURFACE RACEWAY
SS	STAINLESS STEEL
SSW	SELECTOR SWITCH
S/S	STOP/START PUSHBUTTONS
STA	STATION
STD	STANDARD
SURF	SURFACE MOUNTED
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
SYS	SYSTEM
TEL	TELEPHONE
TEL/DATA	TELEPHONE/DATA
TERM	TERMINAL
TL	TWIST LOCK
TR	TAMPER RESISTANT
T-STAT	THERMOSTAT
TTC	TELEPHONE TERMINAL CABINET
TV	TELEVISION
TVTC	TELEVISION TERMINAL CABINET
TYP	TYPICAL
UC	UNDER COUNTER
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UT	UNDERGROUND TELEPHONE
UTIL	UTILITY
UV	ULTRAVIOLET
V	VOLT
VA	VOLT-AMPERES
VDT	VIDEO DISPLAY TERMINAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	WATT
W/	WITH
WG	WIRE GUARD
WH	WATER HEATER
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER
XFR	TRANSFER
∠	ANGLE
@	AT
▲	DELTA
'	FEET
"	INCHES
#	NUMBER
Ø	PHASE
C	CENTER LINE
P	PLATE

ELECTRICAL GENERAL NOTES:

GENERAL:

1. COORDINATE ELECTRICAL WORK WITH MECHANICAL, ARCHITECTURAL, STRUCTURAL, CIVIL AND LANDSCAPE WORK SHOWN ON OTHER CONTRACT DOCUMENTS. PROVIDE ADDITIONAL OFFSETS FOR COORDINATED INSTALLATION WHERE REQUIRED.
2. FIELD COORDINATE FINAL MECHANICAL AND EQUIPMENT LOCATIONS ALONG WITH CONNECTION REQUIREMENTS AND CONTROL WIRING PRIOR TO ROUGH-IN.
3. CONTRACTOR IS RESPONSIBLE FOR PROVIDE ALL LINE VOLTAGE CIRCUITING AND CONNECTIONS TO MECHANICAL EQUIPMENT, PACKAGED UNITS, CONTROL PANELS, MOTOR STARTERS, MOTOR CONTROLLERS, VARIABLE FREQUENCY DRIVES AND SIMILAR EQUIPMENT. COORDINATE ADDITIONAL REQUIREMENTS WITH CONTROLS CONTRACTOR.
4. COORDINATE EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS.
5. COORDINATE ELECTRICAL, COMMUNICATIONS, AND ELECTRONIC SAFETY AND SECURITY WORK PRIOR TO INSTALLATION. EQUIPMENT ACCESS TAKES PRECEDENCE OVER CONDUIT FOR AVAILABLE SPACE.
6. WHERE USED, THE TERM “PROVIDE” SHALL MEAN “FURNISH AND INSTALL”.
7. PROVIDE CONDUCTORS OPERATING AT 50 VOLTS OR GREATER IN RACEWAY. PROVIDE METAL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB. PROVIDE PVC RACEWAY BELOW THE FLOOR SLAB AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE.
8. CONDUIT AND WIRE IS NOT PERMITTED TO BE INSTALLED BELOW FLOOR SLAB UNLESS INDICATED ON PLAN BY DASHED CONDUIT.
9. LEAVE THE SITE CLEAN AND READY FOR OCCUPANCY. REMOVE DIRT, DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT AND WIRE SCRAPS AND MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THIS DIVISION OF THE WORK DURING CONSTRUCTION. COMPONENTS SHALL BE FREE OF DUST, GRIT AND FOREIGN MATERIALS AND LEFT AS NEW BEFORE FINAL ACCEPTANCE OF WORK.
10. PERFORM WORK TO COMPLY WITH THE STANDARD PRACTICES FOR GOOD WORKMANSHIP PUBLISHED BY NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA). COMPLY WITH THE LATEST ENFORCED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), LOCAL CODES, AMENDMENTS, AND ORDINANCES.
11. PERFORM ELECTRICAL WORK UNDER THE SUPERVISION OF A LICENSED MASTER ELECTRICIAN. PROCURE PERMITS AND LICENSES AND PAY FEES ASSOCIATED WITH THIS WORK.
12. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING ALL DOCUMENTATION REQUIRED TO CITY OF ARLINGTON FOR PERMITTING. COORDINATE WITH ENGINEER FOR ANY ADDITIONAL DOCUMENTATION.
13. PROVIDE NEW, COMMERCIAL GRADE MATERIALS FURNISHED FOR THIS PROJECT THAT ARE FREE OF DEFECTS, AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY UNO.
14. CONTRACTOR IS RESPONSIBLE FOR WIRING ELECTRICAL ITEMS SHOWN ON DRAWINGS.
15. PROVIDE 4" MINIMUM CONCRETE BASES (HOUSEKEEPING PADS) UNDER FLOOR MOUNTED ELECTRICAL EQUIPMENT. THIS INCLUDES, BUT IS NOT LIMITED TO SWITCHBOARDS, TRANSFORMERS, AND MOTOR CONTROL CENTERS. COMPLY WITH REQUIREMENTS FOR EQUIPMENT BASES AND FOUNDATIONS SPECIFIED IN DIVISION 03.
16. COORDINATE ATTACHMENTS TO STRUCTURE TO VERIFY THAT ATTACHMENT POINTS ON EQUIPMENT AND STRUCTURE CAN ACCEPT SEISMIC, WEIGHT, AND OTHER LOADS IMPOSED.
17. MAINTAIN INDICATED FIRE AND SMOKE RATING OF WALLS, PARTITIONS, CEILINGS, AND FLOORS AT ELECTRICAL PENETRATIONS. SEAL PENETRATIONS WITH FIRESTOP MATERIAL. PROVIDE MATERIAL IN ACCORDANCE WITH ASTM E 814 AND UL 1479 3M OR APPROVED. COMPLY WITH REQUIREMENTS SPECIFIED IN DIVISION 07.
18. PROVIDE FIREBLOCKING AND DRAFT STOPPING AT ELECTRICAL PENETRATIONS IN COMBUSTIBLE CONCEALED SPACES PER THE INTERNATIONAL BUILDING CODE.
19. REFER TO TYPICAL DETAILS PROVIDED IN THIS DRAWING SET FOR EQUIPMENT INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE WITH DETAILS.
20. LOCATIONS AND SIZES OF FLOOR, WALL, AND ROOF OPENINGS SHALL BE COORDINATED WITH OTHER TRADES INVOLVED. INCLUDE IN THE COST OF ELECTRICAL WORK, CUTTING, CORING, PATCHING AND PAINTING OF EXISTING WALLS, CEILINGS, FLOORS AND ROOFS AS REQUIRED TO ACCOMMODATE WORK AS INDICATED IN THE ELECTRICAL CONTRACT DOCUMENTS, UNLESS SPECIFICALLY SHOWN ON ARCHITECTURAL DRAWINGS.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF THEIR OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
22. CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSE BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT. BEFORE SUBSTANTIAL COMPLETION, CLEAN EQUIPMENT, FIXTURES, EXPOSED CONDUIT AND SIMILAR ITEMS.
23. PROVIDE EQUIPMENT THAT FITS INTO THE SPACE ALLOTTED AND ALLOWS ADEQUATE ACCEPTABLE CLEARANCE FOR INSTALLATION, REPLACEMENT, ENTRY, SERVICING AND MAINTENANCE. COORDINATE WITH OTHER TRADES TO ENSURE NO CONFLICT WITH REQUIRED CLEARANCES.
24. BUILDING SPACE IS LIMITED. STRONG ATTENTION TO DETAIL AND CARE MUST BE TAKEN WHEN DEVELOPING SHOP DRAWING SO ROUTING IS COORDINATED WITH OTHER DISCIPLINES.
25. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.

EXISTING ELECTRICAL:

1. WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS BY MEANS OF TEMPORARY PARTITIONS AND/OR TARPS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
2. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
3. WHERE INDICATED, CONDUIT OR PORTIONS OF CONDUIT SHALL BE REUSED. REFER TO DRAWING PLANS FOR POINTS OF CONNECTIONS.
4. PROVIDE TEMPORARY SUPPORT OF EXISTING ELECTRICAL SYSTEMS WHERE REQUIRED BY DEMOLITION OR ALTERATION OF EXISTING STRUCTURE DURING CONSTRUCTION. COORDINATE WITH GENERAL CONTRACTOR AND PROVIDE ALL NECESSARY CONDUIT AND EQUIPMENT SUPPORTS AND HANGERS TO MAINTAIN INTEGRITY, SAFETY AND PROPER OPERATION OF EXISTING ELECTRICAL SYSTEMS FOR THE DURATION OF THE WORK.

DEMOLITION:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DEMOLITION/INSTALLATION OF ELECTRICAL SYSTEMS AND THOSE REQUIRING ELECTRICAL CONNECTIONS TO MAINTAIN NEC REQUIRED CLEARANCES, INCLUDED BY NOT LIMITED TO AREAS ABOVE ACCESSIBLE CEILINGS.
2. COORDINATE WITH OTHER TRADES FOR PROPER DEMOLITION OF EQUIPMENT. CONSULT THE DRAWINGS OF OTHER TRADES OR CRAFTS TO AVOID CONFLICTS WITH EQUIPMENT, ETC. RESOLVE CONFLICTS PRIOR TO ROUGH-IN AND AT NO ADDITIONAL COST TO THE OWNER.
3. TAKE CAUTION IN DEMOLITION OF ELECTRICAL EQUIPMENT.
4. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL CONDUIT AND EQUIPMENT INDICATED ON DRAWINGS INCLUDING ALL ASSOCIATED HANGERS, WIREMOLD, WIRING, DEVICES, CONTROLS, AND APPURTENANCES ASSOCIATED WITH EACH PIECE OF EQUIPMENT.
5. EXISTING CONTROL PATHWAYS MAY BE RE-USED. COORDINATE CONTROLS DEMO WORK PRIOR TO DEMOLITION.
6. WHERE EXISTING ITEMS PENETRATE A WALL OR ROOF, CONTRACTOR SHALL PROVIDE INFILL AT (E) PENETRATIONS THROUGH WALL/ROOF WITH LIKE MATERIALS. PATCH & REPAIR TO MATCH SURROUNDING SURFACES INCLUDING PAINT.
7. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT OF EXISTING ELECTRICAL EQUIPMENT WHERE REQUIRED BY DEMOLITION OR ALTERATION OF EXISTING STRUCTURE DURING CONSTRUCTION. COORDINATE WITH GC AND PROVIDE NECESSARY SUPPORTS AND HANGERS TO MAINTAIN INTEGRITY, SAFETY AND PROPER OPERATION OF EXISTING ELECTRICAL SYSTEMS.
8. THE OWNER HAS THE RIGHT TO RETAIN OWNERSHIP OF ANY MATERIALS BEING REMOVED. DELIVER ITEMS TO THE OWNER'S REPRESENTATIVE AS INDICATED IN THE CONTRACT DOCUMENTS. NOTIFY OWNER IN WRITING AT LEAST 7 DAYS IN ADVANCE OF DEMOLITION.

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(206) 426-2600
MECHANICAL/PLUMBING/ELECTRICAL:
METRIX ENGINEERS:
(425) 336-2822

SMOKEY POINT COMMUNITY PARK

Smokey Point Blvd. & 178th Pl NE, Arlington, WA 98223

DATE	08/25/2023
DRAWN/CHECKED	BP/BP
REVISIONS:	
100% DD	8/25/23
BUILDING PERMIT	9/25/23
95% CD	10/09/23
BID SET	10/20/23

ELECTRICAL LEGEND AND NOTES

E0.01

GENERAL NOTES:

1. PROVIDE RIGID METAL CONDUIT FOR ALL NEW CONDUIT RUNS, SIZED AS INDICATED.
2. PROVIDE TYPE XHHW-2 FOR ALL NEW CONDUCTORS WITH 90-DEGREE RATED TERMINATIONS, SIZED AS INDICATED.

FLAG NOTES:

1. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC 250.50.

LUMINAIRE SCHEDULE

TYPE	CONSTRUCTION: DESCRIPTION	CONSTRUCTION: LENS/LOUVER	CONSTRUCTION: MOUNTING	LIGHT SOURCE: LAMP	LIGHT SOURCE: LUMENS DOWN	CCT	CRI	ELECTRICAL: BALLAST/DRIVER	ELECTRICAL: VOLTAGE	ELECTRICAL: WATTS	PRODUCT: MANUFACTURER	PRODUCT: MODEL	NOTE
S1	SINGLE HEAD AREA LIGHT WITH 15' POLE	--	POLE	LED	9423	4000 K	80	LED DRIVER, 0-10V 1% DIMMABLE	120 V	92	LUMENPULSE	ALLEGRA MEDIUM: ALG7200-120-CSL-M110-40K-CRI 80-2-BK-DIM-P4-CS12	
S2	DOUBLE HEAD AREA LIGHT WITH 15' POLE	--	POLE	LED	18846	4000 K	80	LED DRIVER, 0-10V 1% DIMMABLE	120 V	184	LUMENPULSE	ALLEGRA MEDIUM: ALG7200-120-CSL-M110-40K-CRI 80-2-BK-DIM-P4-CS12	
S3	CATENARY LIGHTING	--	SUSPENDED	LED	1033	4000 K	80	REMOTE LED DRIVER, 0-10V 1% DIMMABLE	120 V	15	RAGNI	LAMPION: LAM-S-1-4-35-12-1-C-BLK-BLK	
R1	6" RECESSED DOWNLIGHT	--	RECESSED	LED	1100	4000 K	90	LED DRIVER, 0-10V 1% DIMMABLE	120 V	13	CURRENT	PRESCOLITE: LBSES-6RD-CS9-WH	
W1	FLOOD LIGHT WITH MOTION SENSOR	--	SURFACE	LED	2730	5000 K	90	LED DRIVER	120 V	35.5	WAC	WP-LED335-50-ABK-MS-120-GY	

PANEL: 1N2-1

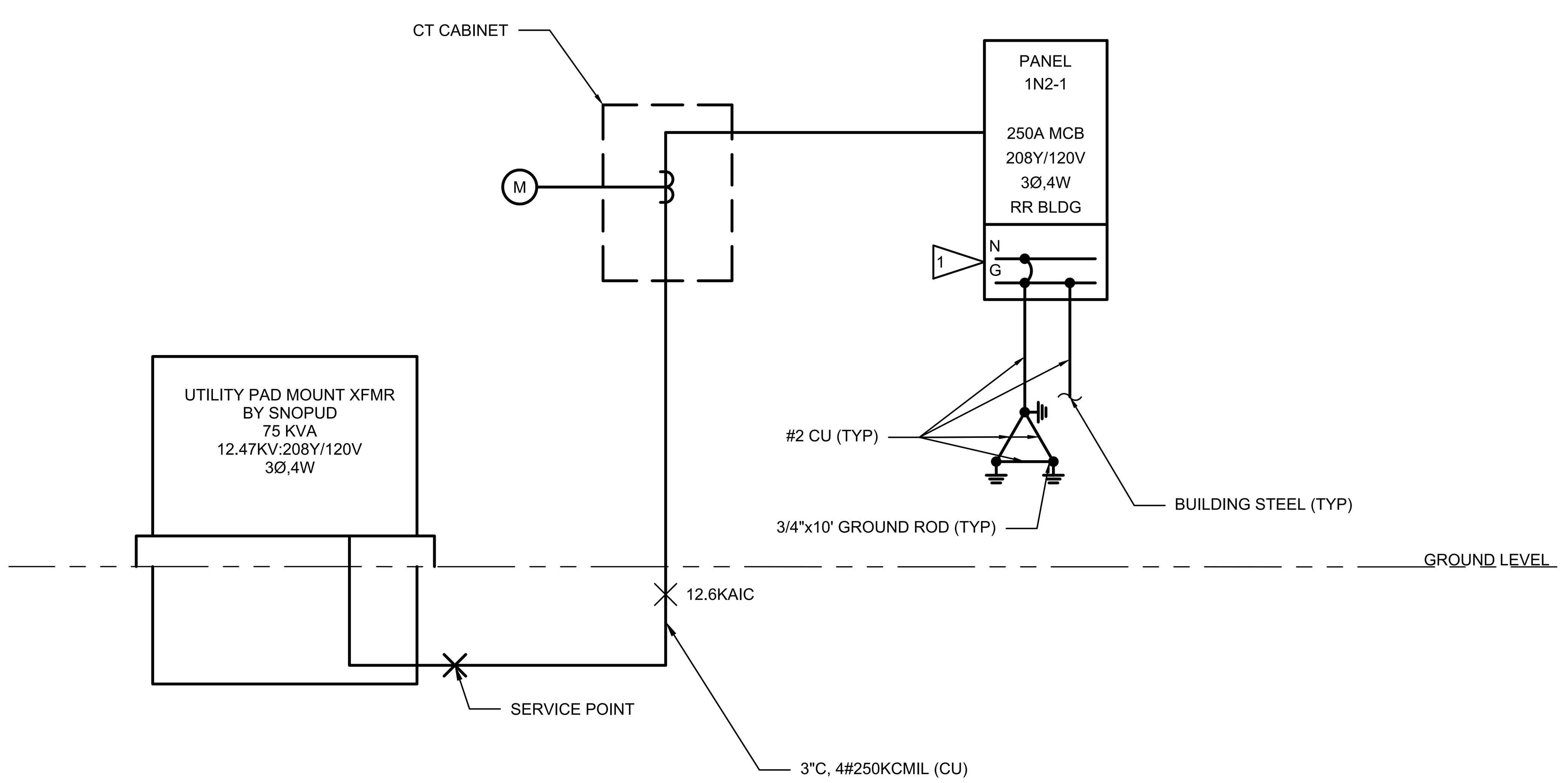
NEW

LOCATION:	RESTROOM BLDG	MANUFACTURER:		VOLTAGE: 208Y/120V	AIC RATING: 22K
SUPPLY FROM:	UTILITY	CAT. #		PHASES: 3	MAINS TYPE: MAIN CIRCUIT BREAKER
MOUNTING:	SURFACE			WIRES: 4	MAINS RATING: 250A
NEMA RATING:	TYPE 1				NEUTRAL RATING: 100%
					BUSSING: CU

CCT	CIRCUIT DESCRIPTION	RATING	POLES	A (kVA)		B (kVA)		C (kVA)		POLES	RATING	CIRCUIT DESCRIPTION	CCT
1	REC: RESTROOM BLDG	20 A	1	0.90	0.18					1	20 A	LTG: RESTROOM BLDG	2
3	RESTROOM BLDG EXHAUST FANS	20 A	1			1.18	0.10			1	20 A	LTG: PICNIC SHELTER	4
5	RESTROOM BLDG UNIT HEATERS	20 A	1					1.18	0.20	1	20 A	LTG: STAGE	6
7	REC: PICNIC SHELTER	20 A	1	0.72	0.47					1	20 A	LTG: PLAZA CATENARY	8
9	REC: PICNIC SHELTER	20 A	1			0.72	1.29			1	20 A	LTG: SOUTH & WEST SITE POLES	10
11	PICNIC SHELTER HEATER	20 A	2					1.25	0.55	1	20 A	LTG: NORTH SITE POLES	12
13	-	-	-	1.25	0.00					2	100 A	FUTURE EV	14
15	PICNIC SHELTER HEATER	20 A	2			1.25	0.00			-	-	-	16
17	-	-	-					1.25	0.00	2	100 A	FUTURE EV	18
19	PICNIC SHELTER HEATER	20 A	2	1.25	0.00					-	-	-	20
21	-	-	-			1.25	0.00			2	50 A	FUTURE EV	22
23	PICNIC SHELTER HEATER	20 A	2					1.25	0.00	-	-	-	24
25	-	-	-	1.25	0.00					2	50 A	FUTURE ELECTRIC BIKE CHARGER	26
27	REC: STAGE	20 A	1			0.36	0.00			-	-	-	28
29	REC: STAGE	20 A	1					1.08	0.00	1	20 A	SPARE	30
31	REC: STAGE	20 A	1	1.08	0.00					1	20 A	SPARE	32
33	REC: STAGE	20 A	1			0.72	0.00			1	20 A	SPARE	34
35	REC: PARK EQUIPMENT	20 A	1					1.92	0.00	1	20 A	SPARE	36
37	REC: PARK EQUIPMENT	20 A	1	1.92	0.00					1	20 A	SPARE	38
39	IRRIGATION CONTROLLER	20 A	1			0.20	0.00			1	20 A	SPARE	40
41	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	42
43	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE	44
45	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE	46
47	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	48
49	SPARE	20 A	1	0.00	0.00					3	30 A	SPD	50
51	SPARE	20 A	1			0.00	0.00			-	-	-	52
53	SPARE	20 A	1					0.00	0.00	-	-	-	54
		TOTAL LOAD:		9.01 kVA		7.07 kVA		8.67 kVA					
		TOTAL AMPS:		75.03 A		58.86 A		72.22 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
LIGHTING (125%)	2.78 kVA	125%	3.47 kVA		
RECEPTACLES (<10kVA @ 100%)	5.58 kVA	100%	5.58 kVA	TOTAL CONN. (kVA):	24.75 kVA
RECEPTACLES (>10KVA @ 50%)	0.00 kVA	50%	0.00 kVA	TOTAL EST. DEMAND (kVA):	25.45 kVA
LARGEST MOTOR	0.00 kVA	125%	0.00 kVA	TOTAL CONN. (A):	68.75 A
MOTORS	2.35 kVA	100%	2.35 kVA	TOTAL EST. DEMAND (A):	70.68 A
KITCHEN EQUIPMENT	0.00 kVA	100%	0.00 kVA		
MISCELLANEOUS	14.04 kVA	100%	14.04 kVA		

NOTES:
1. SERVICE ENTRANCE RATED.



1 E0.02 ELECTRICAL ONE-LINE DIAGRAM
SCALE:NONE

WEISMANDESIGNGROUP
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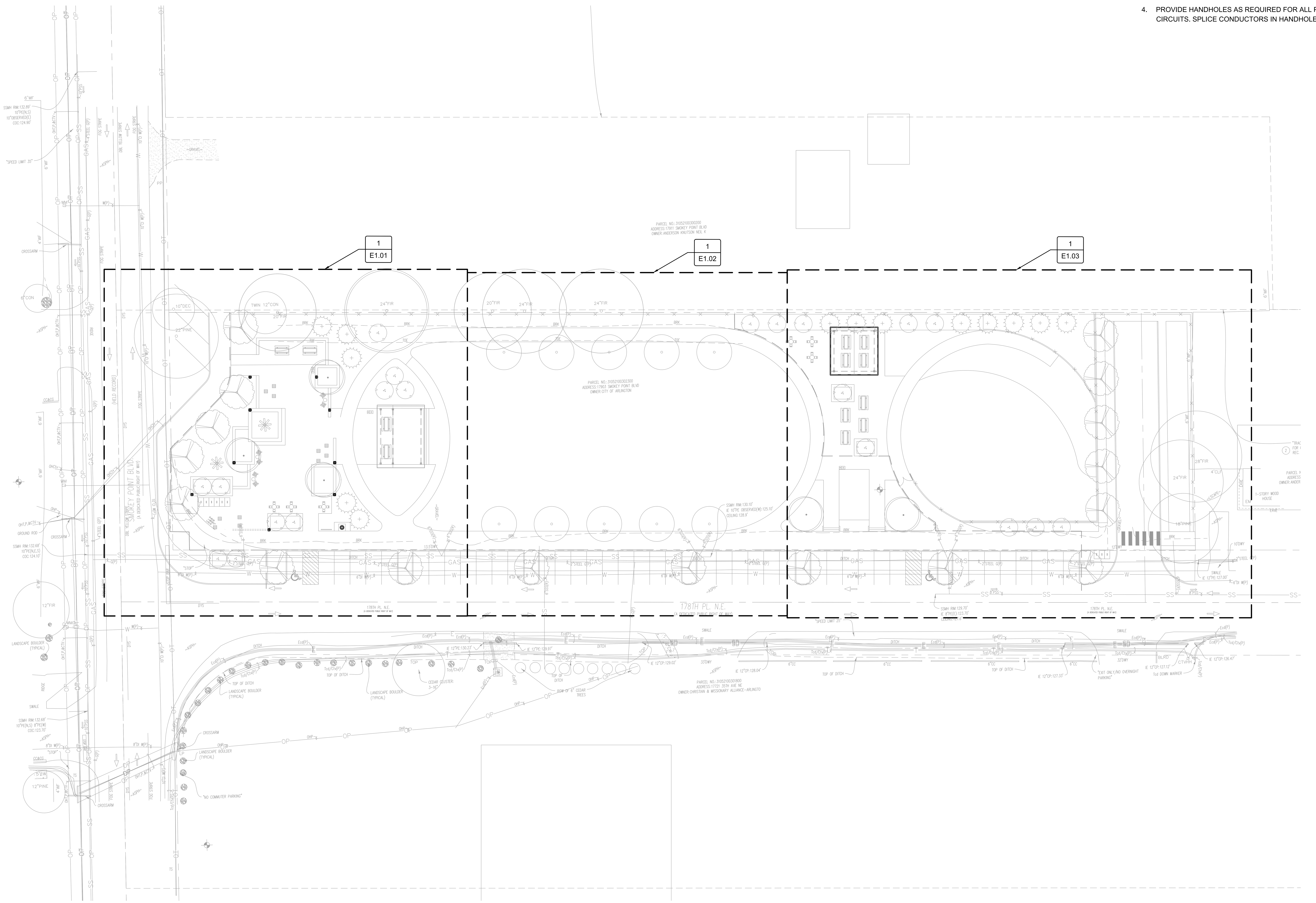
BUILDING PERMIT	9/25/23
95% CD	10/09/23
BID SET	10/20/23

ELECTRICAL SCHEDULES & ONE-LINE

E0.02

GENERAL NOTES:

1. CONDUIT ROUTING SHOWN IS DIAGRAMMATIC. COORDINATE WITH ALL STRUCTURAL, CIVIL, MECHANICAL, AND LANDSCAPING WORK.
2. COORDINATE WITH UTILITY COMPANIES FOR CONNECTING SERVICES.
3. PROVIDE RIGID STEEL SWEEPS FOR ALL UNDERGROUND CONDUITS.
4. PROVIDE HANDHOLES AS REQUIRED FOR ALL POWER AND LIGHTING CIRCUITS. SPLICE CONDUCTORS IN HANDHOLES.



1
E1.00
OVERALL ELECTRICAL SITE PLAN
SCALE:1" = 30'-0"

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OVERALL ELECTRICAL SITE PLAN

E1.00

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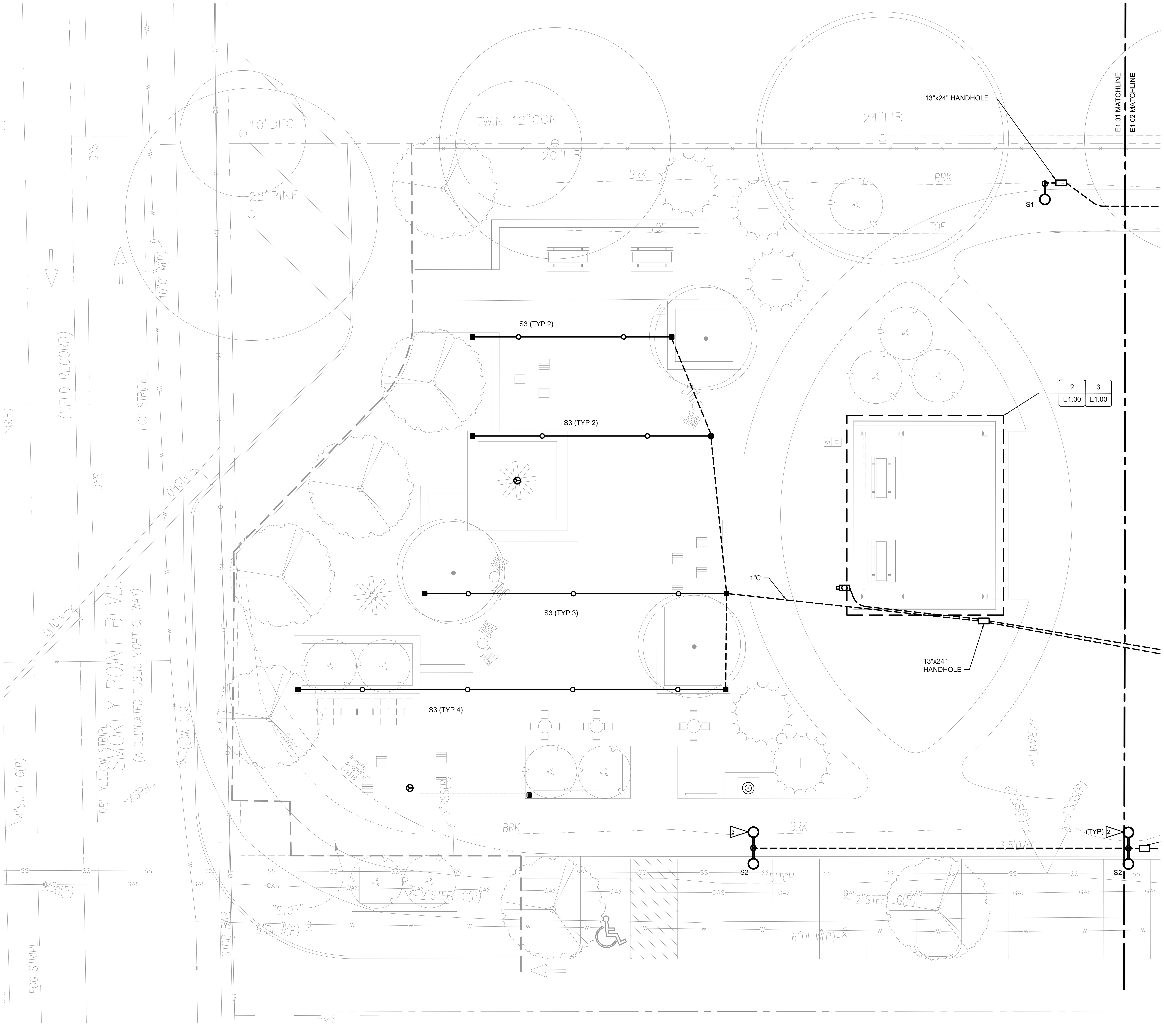
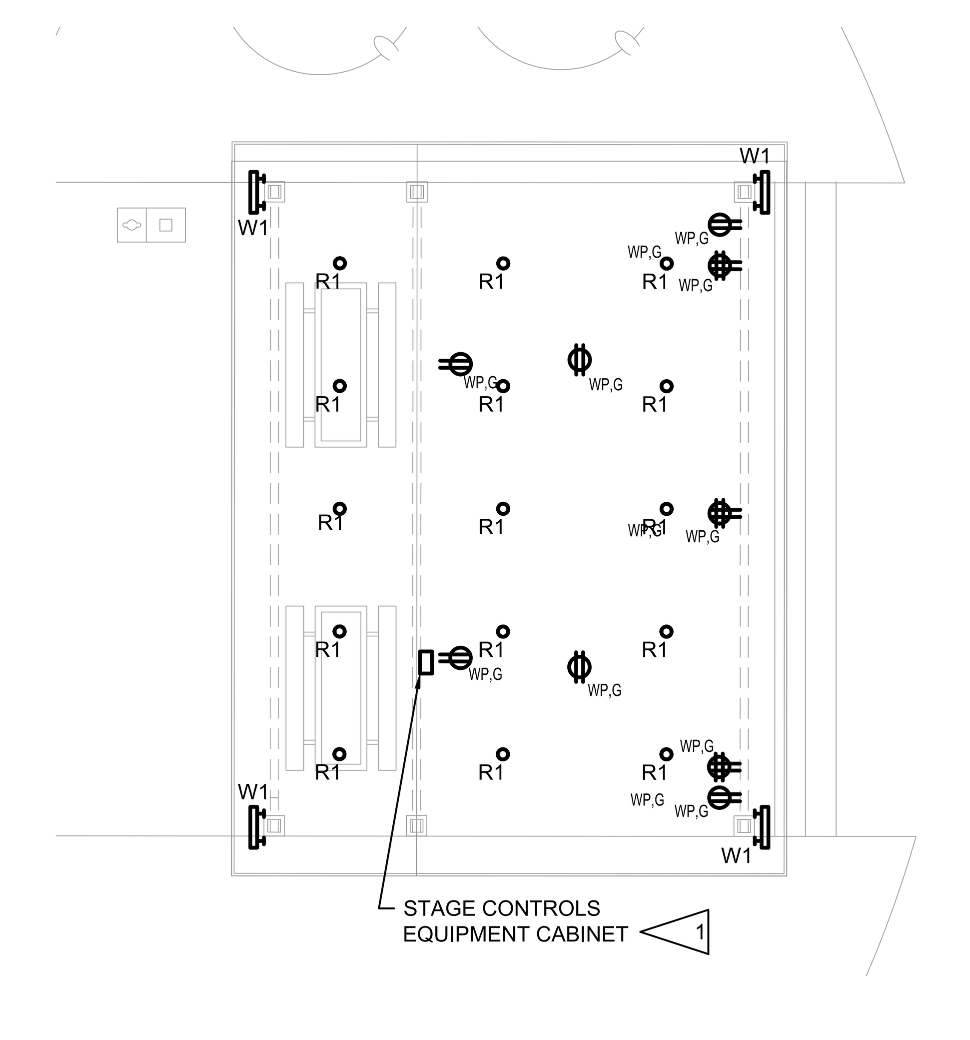
5. INSTALL NEW UNDERGROUND CONDUITS MINIMUM 18" DEEP, UNLESS NOTED OTHERWISE. PROVIDE IDENTIFICATION TAPE 12" BELOW GRADE. COORDINATE ROUTING WITH EXISTING UTILITIES AND ARCHITECTURAL, CIVIL, STRUCTURAL, AND LANDSCAPING ELEMENTS.

FLAG NOTES:

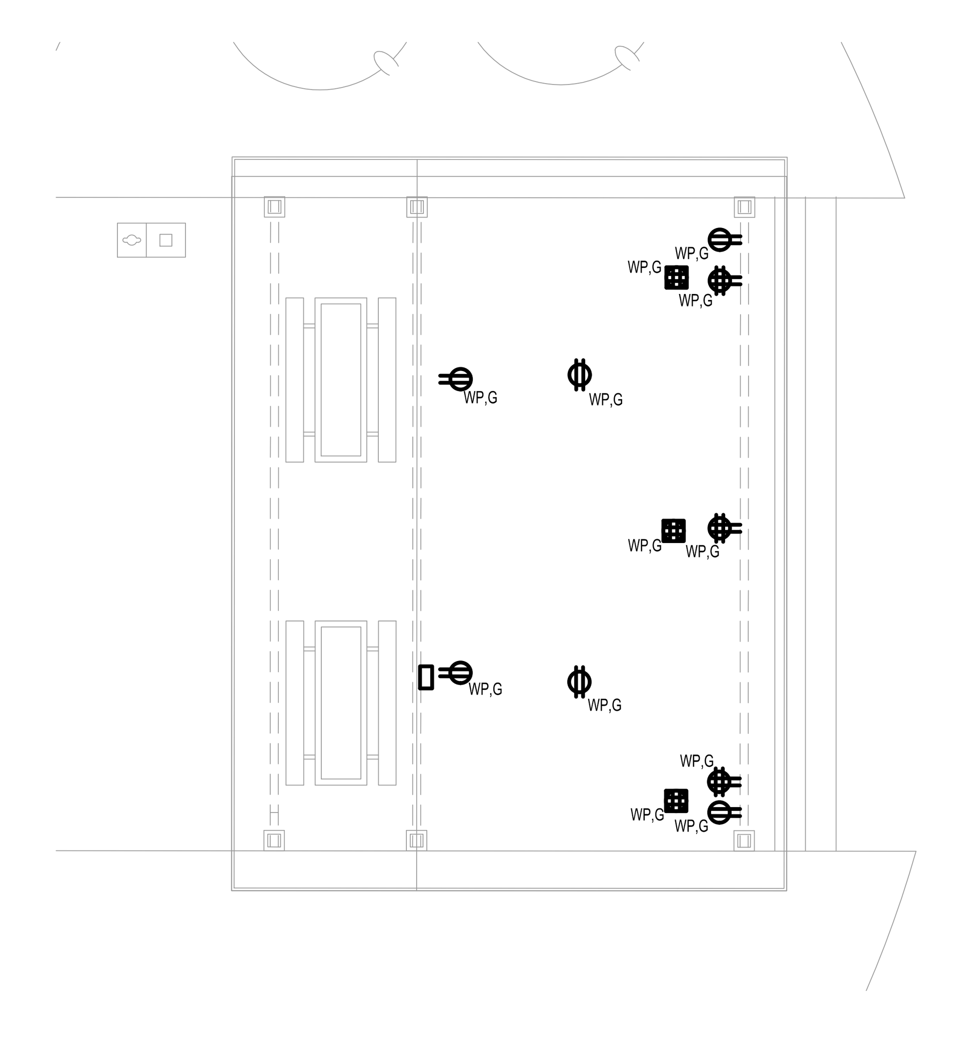
1. REFER TO DETAIL 1/E9.01 FOR ADDITIONAL CONTROL CABINET DETAILS.
2. REFER TO DETAIL 3/E9.01 FOR POLE BASE DETAILS.
3. PROVIDE SPOTLIGHT TYPE LUMINAIRE MOUNTED ON POLE FOR FLAG POLE LIGHTING.



1 E1.01 PARTIAL ELECTRICAL SITE PLAN
SCALE: 1" = 10'-0"



2 E1.01 ENLARGED LIGHTING PLAN - STAGE
SCALE: 1/8" = 1'-0"



3 E1.01 ENLARGED POWER PLAN - STAGE
SCALE: 1/8" = 1'-0"

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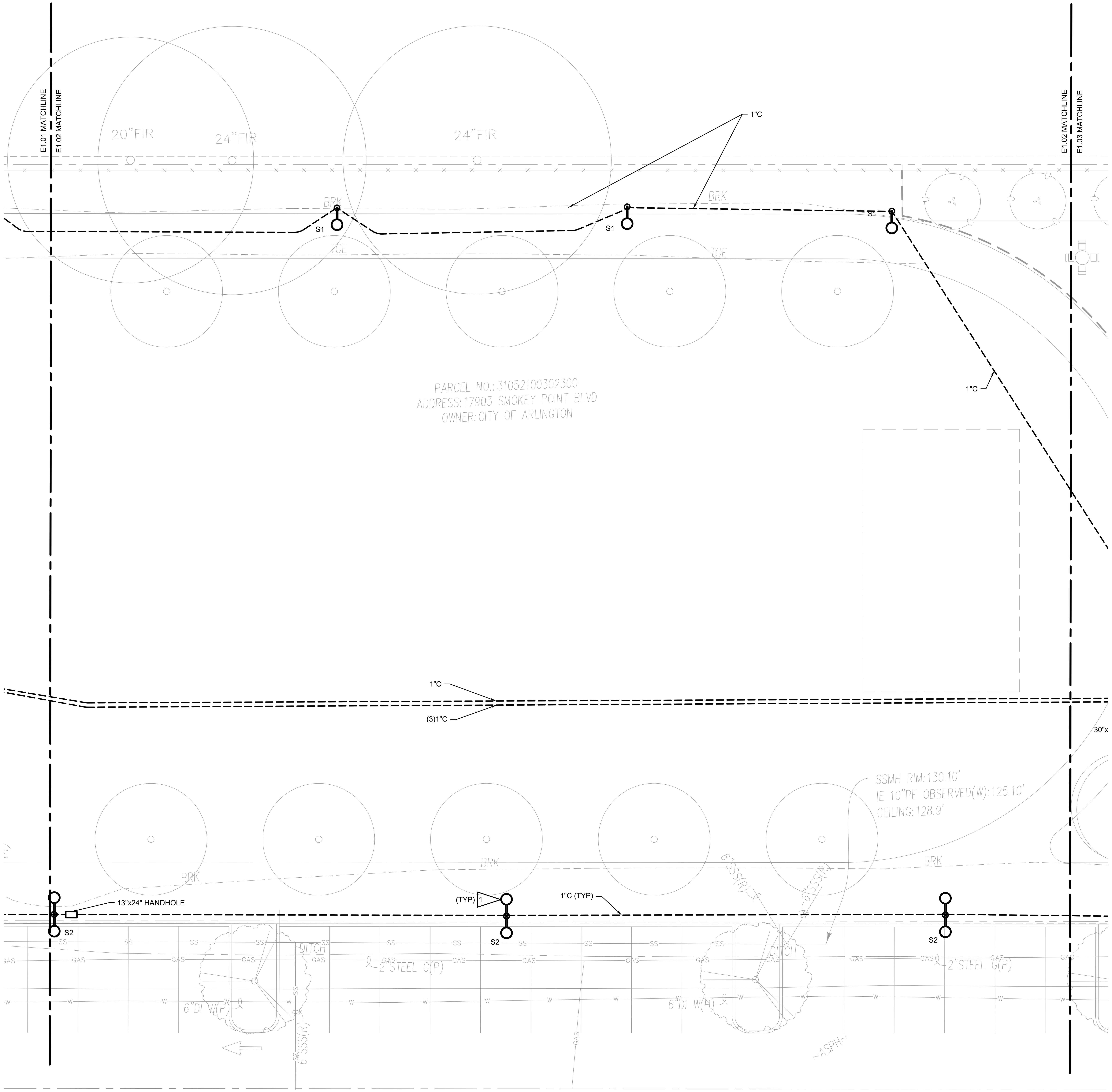
PARTIAL ELECTRICAL SITE PLAN

E1.01



1 E1.02 PARTIAL ELECTRICAL SITE PLAN

SCALE:1" = 10'-0"

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FLAG NOTES:

1. REFER TO DETAIL 3/E9.01 FOR POLE BASE DETAILS.

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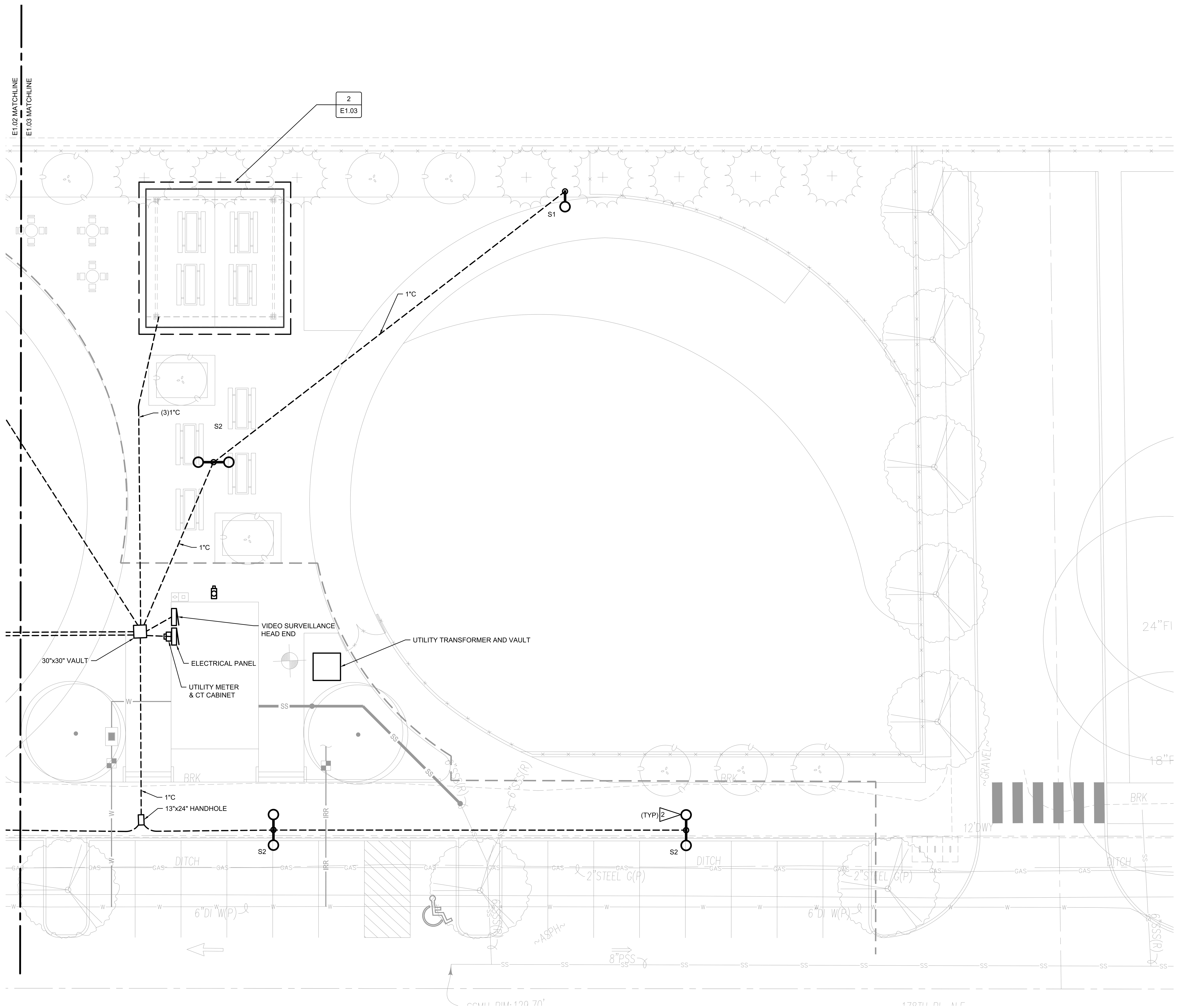
PARTIAL ELECTRICAL SITE PLAN

E1.02



1
E1.03

PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 10'-0"

GENERAL NOTES:

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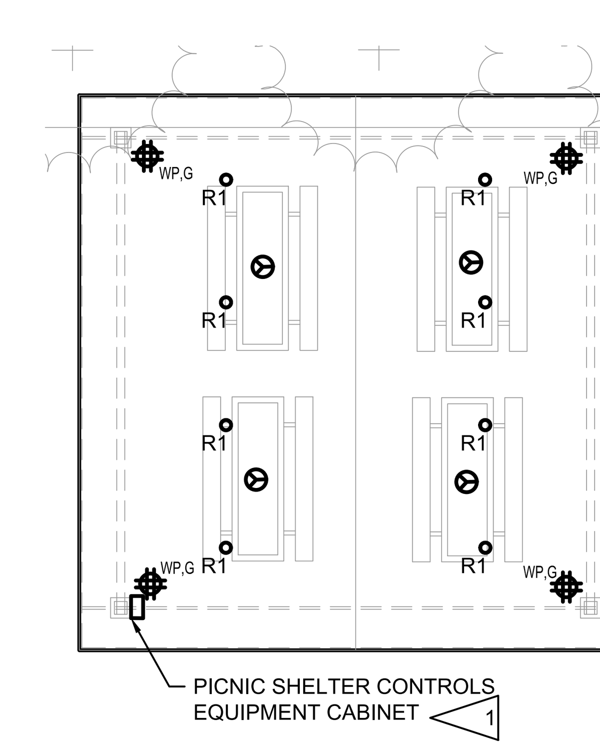
FLAG NOTES:

1. REFER TO DETAIL 1/E9.01 FOR ADDITIONAL CONTROL CABINET DETAILS.
2. REFER TO DETAIL 3/E9.01 FOR POLE BASE DETAILS.



2
E1.03

ENLARGED ELECTRICAL PLAN - PICNIC SHELTER

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

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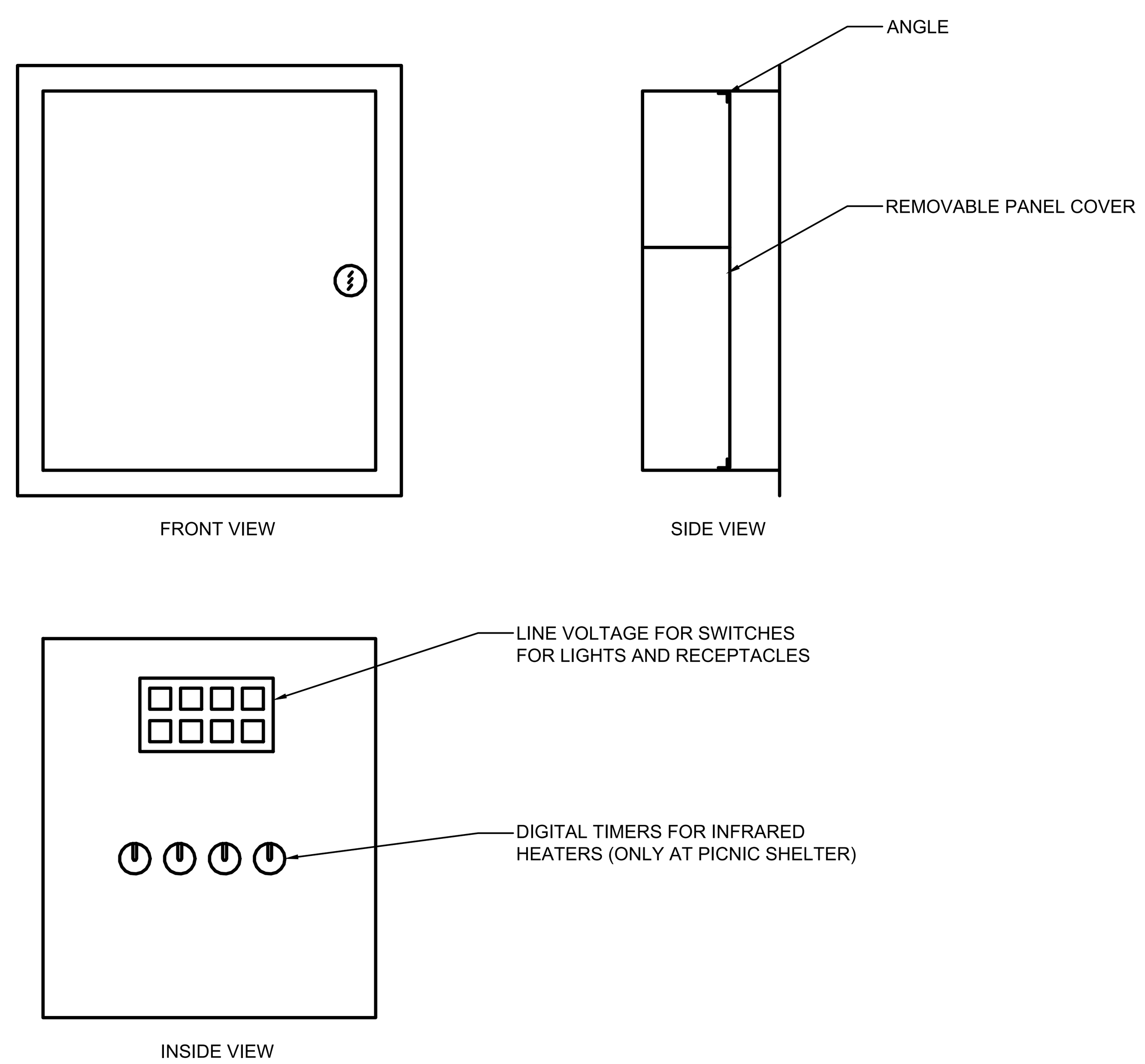
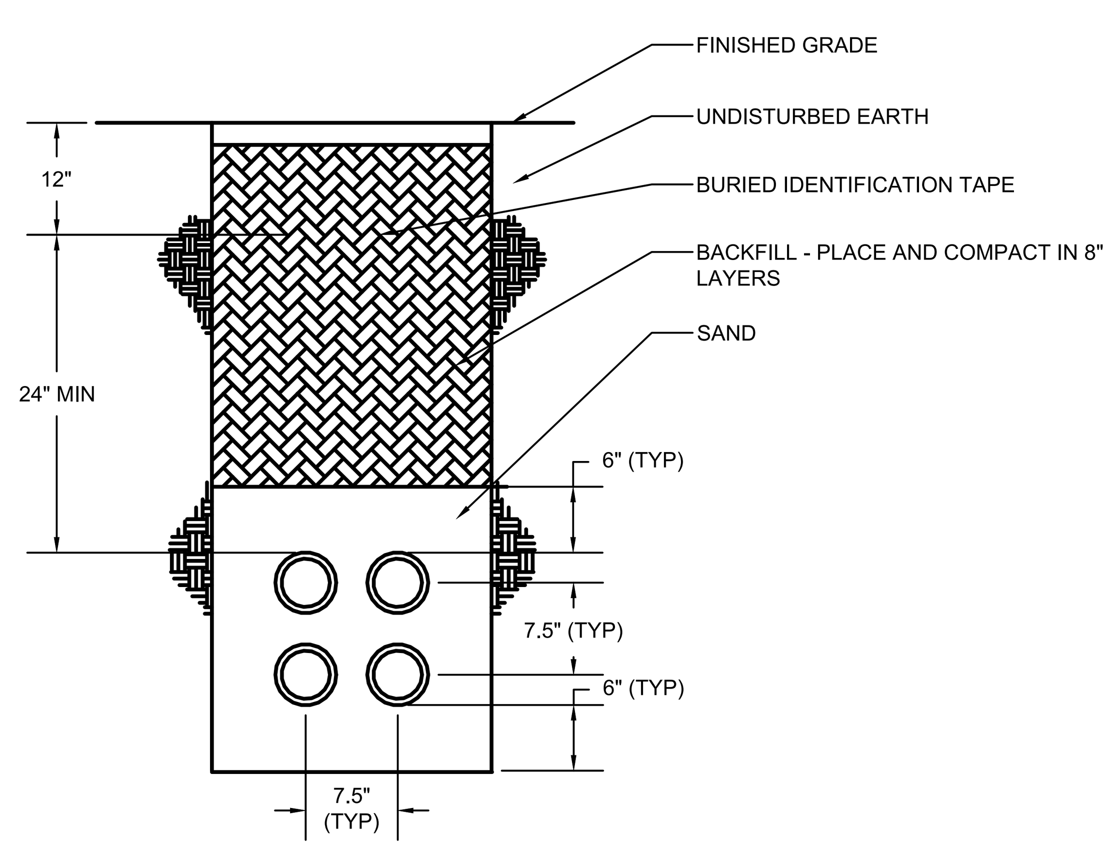
PARTIAL ELECTRICAL SITE PLAN

E1.03



NOTES:
1. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
2. CABINET SHALL BE FLUSH MOUNTED AT STAGE, SURFACE MOUNTED AT PICNIC SHELTER.
3. SEE FLOOR PLANS FOR ACTUAL QUANTITIES OF SWITCHES.
4. SIZE CABINET FOR QUANTITY OF DEVICES.

1 / E9.01 — TYPICAL CONTROLS CABINET DETAIL
SCALE:NONE

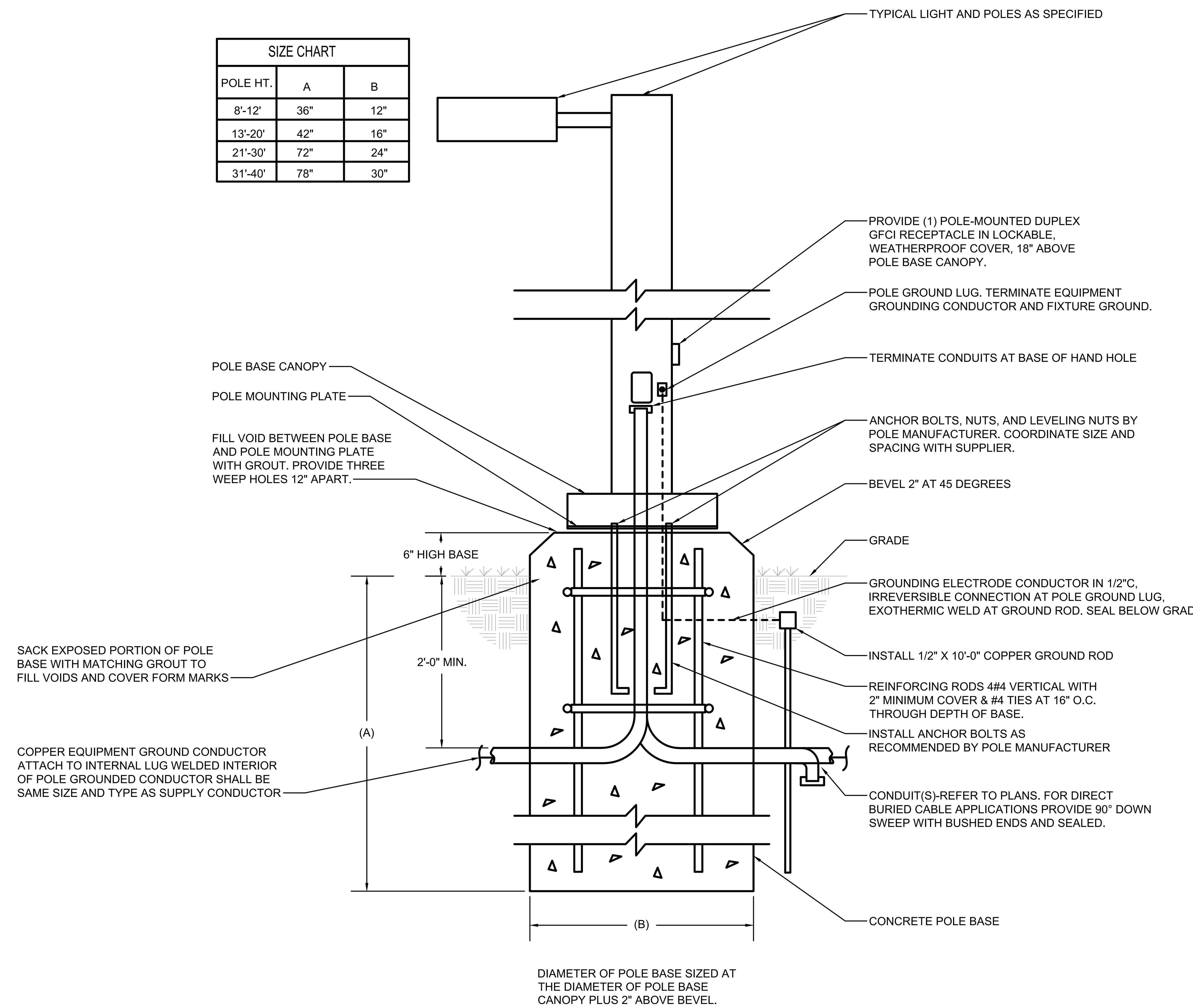


NOTES:
1. CONDUIT SHALL HAVE A MINIMUM OF 36" OF COVER.
2. PROVIDE A MINIMUM OF 12" HORIZONTAL SEPARATION BETWEEN CONDUIT AND OTHER UTILITIES.
3. CONDUIT SHALL BE PVC SCHEDULE 40. REFER TO E0.02 AND E1.00 FOR SIZING.
4. COORDINATE WITH UTILITY COMPANIES FOR ALL REQUIREMENTS.
5. CONFORM TO ALL REQUIREMENTS INDICATED IN CIVIL DRAWINGS AND SPECIFICATIONS.
6. REFER TO SHEET E102 AND COMMUNICATION FLOOR PLANS FOR QUANTITY OF CONDUITS.
7. COORDINATE ROUTING WITH PLUMBING AND STRUCTURAL ELEMENTS. ROUTE CONDUITS BELOW FOOTINGS OR PROVIDE SLEEVES IN FOOTINGS PER STRUCTURAL DETAILS.

2 / E9.01 — TYPICAL DUCT BANK DETAIL
SCALE:NONE

SIZE CHART

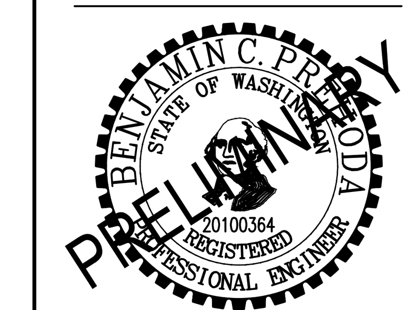
POLE HT.	A	B
8'-12'	36"	12"
13'-20'	42"	16"
21'-30'	72"	24"
31'-40'	78"	30"



DIAMETER OF POLE BASE SIZED AT THE DIAMETER OF POLE BASE CANOPY PLUS 2" ABOVE BEVEL.

3 / E9.01 — TYPICAL LIGHT POLE BASE DETAIL
SCALE:NONE

WEISMANDESIGNGROUP



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ELECTRICAL DETAILS

E9.01