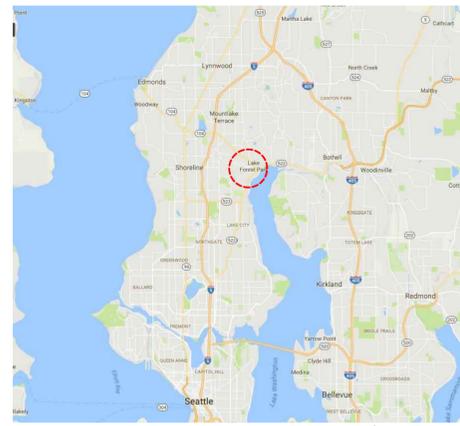
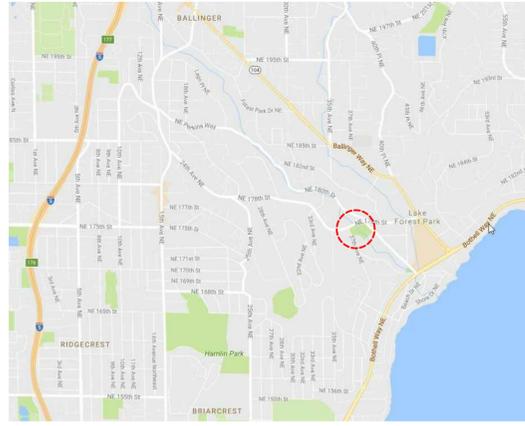


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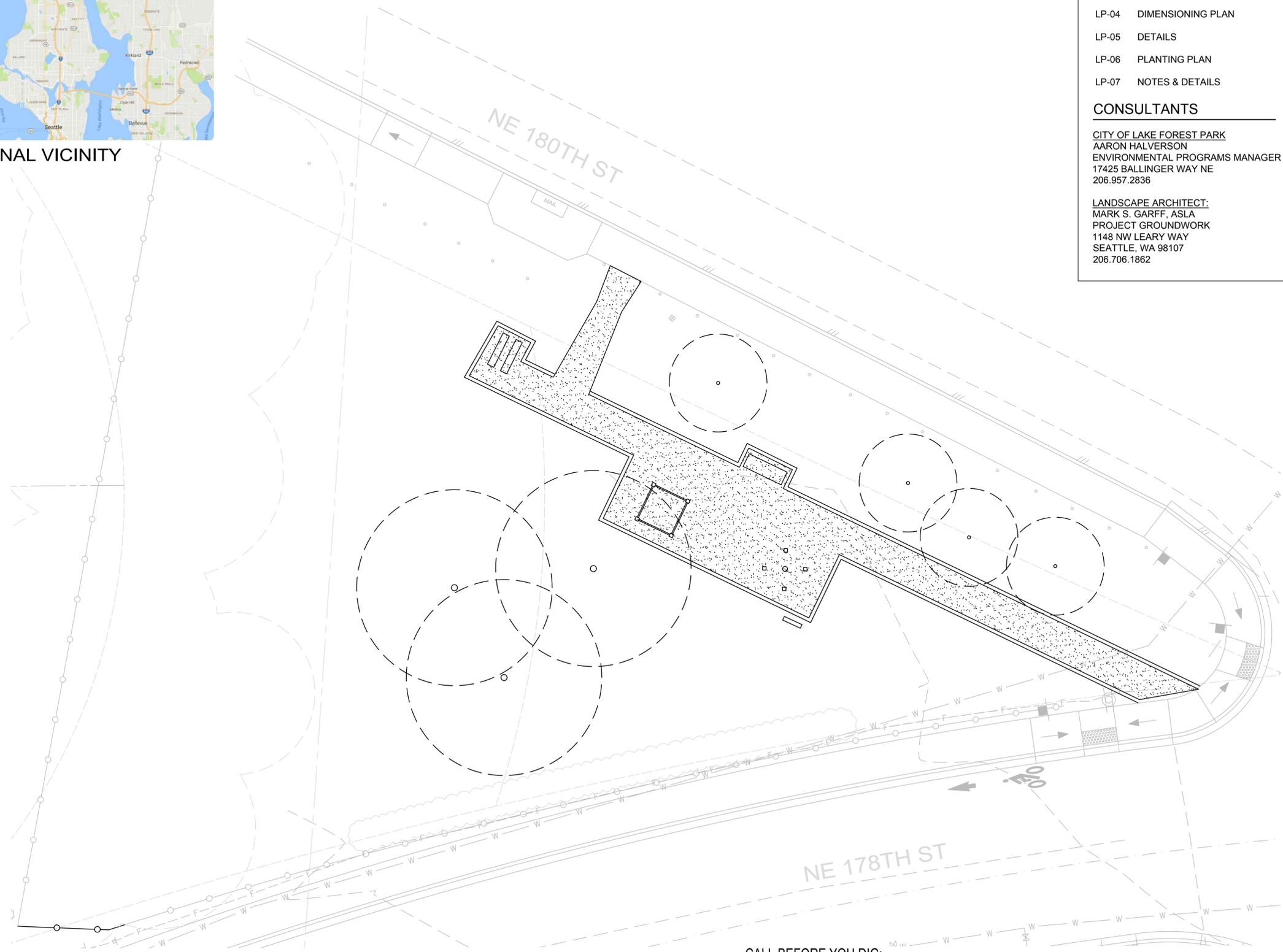
LOCAL VICINITY

REGIONAL VICINITY

GENERAL LANDSCAPE NOTES:

1. LANDSCAPE CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES AND SPECIFICATIONS.
2. ALL MATERIAL AND WORKMANSHIP SHALL BE MAINTAINED AND GUARANTEED FOR A PERIOD OF 12 MONTHS FOLLOWING THE SUBSTANTIAL COMPLETION DATE.
3. LANDSCAPE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, NOTIFY THE GENERAL CONTRACTOR AND CITY REPRESENTATIVE IN WRITING OF UNSATISFACTORY CONDITIONS. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
4. BEFORE COMMENCING WORK, LANDSCAPE CONTRACTOR SHALL CONTACT APPROPRIATE UTILITY COMPANIES FOR UTILITY LOCATIONS, AND COORDINATE WITH GENERAL CONTRACTOR AND CITY REPRESENTATIVE IN REGARD TO LOCATION OF PROPOSED UTILITIES, IRRIGATION SLEEVES, CONDUITS, ETC.
5. VERIFY THAT SUBGRADE PREPARATION HAS BEEN COMPLETED TO ACCEPTABLE TOLERANCES PRIOR TO BEGINNING ANY WORK.
6. ALL TREE AND SHRUB LOCATIONS ARE TO BE STAKED, PAINTED OR PLANTS SET OUT ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. ROOT BARRIER SHALL BE INSTALLED ON ALL TREES WITHIN 6' OF A CURB OR SIDEWALK.
8. CONTAINER STOCK IS PREFERRED FOR ALL PLANTS. IF CONTAINER STOCK IS NOT AVAILABLE FOR TREES, THEN ALL B&B PLANT MATERIAL SHALL HAVE ALL WIRE, TWINE, OR OTHER CONTAINMENT MATERIAL, EXCEPT FOR 100% HEMP BURLAP, REMOVED FROM THE TRUNK AND ROOT BALL OF THE PLANT PRIOR TO PLANTING. REMOVE THE TOP 2/3 OF THE HEMP BURLAP AFTER PLACING PLANT IN THE PIT.
9. PLANTING SOIL FOR ALL PLANTING AREAS:
 - 9.a. SPREADING OF PLANTING SOIL SHALL BE COMPLETED BY THE LANDSCAPE CONTRACTOR AND SUPERVISED BY THE GENERAL CONTRACTOR SO THAT GRADES ARE MET AS NOTED ON THE GRADING PLANS. PLANTING SOIL DEPTH SHALL BE A MINIMUM OF SIX (6) INCHES IN ALL LANDSCAPE BEDS.
 - 9.b. ALL PLANTING SOIL SHALL 2-WAY (60% SAND, 40% COMPOST) TOPSOIL FROM AN APPROVED SOURCE. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY SOIL. TOPSOIL NOT MEETING INDUSTRY STANDARDS FOR COMPOSITION AND NUTRIENTS SHALL BE REJECTED.
 - 9.c. APPLY 2 INCHES OF APPROVED PLANTING SOIL OVER PREPARED SUBGRADE AND TILL INTO TOP 2-4 INCHES OF SUBSOIL. INSTALL REMAINING PLANTING SOIL TO A MINIMUM OF 4 INCHES SO THE TOTAL MINIMUM DEPTH OF NEW PLANTING SOIL IN NO LESS THAN 6 INCHES. ROLL AND RAKE SMOOTH. ENSURE NO ROCKS OR OTHER DEBRIS EXCEEDING 3 INCHES IN DIAMETER REMAIN.
 - 9.d. TOPSOIL FOR LAWN AREAS SHALL BE AN APPROVED 2-WAY TOPSOIL CONSISTING OF 80% SAND AND 20% COMPOST. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY SOIL.
 - 9.e. SOIL FOR CONTAINER PLANTING AND/OR RAISED BEDS SHALL USE POTTING SOIL FROM AN APPROVED SOURCE. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY SOIL.
10. MULCH ENTIRE LANDSCAPE AREA (EXCLUDING LAWN) TO A DEPTH OF 2 INCHES WITH DARK FINE MULCH. PROVIDE A 1-QUART SAMPLE FOR APPROVAL PRIOR TO IMPORTING ANY MULCH.
11. MULCH SHALL NOT BE ABOVE OR MORE THAN 1/2 INCH BELOW ADJOINING SURFACE.
12. PLANT SYMBOLS SHALL DICTATE PLANT COUNT.
13. ALL LANDSCAPING SHALL BE PLANTED AND MAINTAINED IN A LIVING CONDITION BY THE CONTRACTOR UNTIL FINAL OWNER ACCEPTANCE.
14. ALL LANDSCAPE AREAS TO BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM TO BE DESIGNED BY THE LANDSCAPE CONTRACTOR. SEE IRRIGATION PERFORMANCE NOTES. PROVIDE CITY WITH TRAINING ON THE USE OF THE CONTROLLER, AND ALL PRODUCT MANUALS RELEVANT TO THE OPERATION OF THE IRRIGATION SYSTEM.
15. VERIFY IRRIGATION CONTROLLER LOCATION WITH CITY AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
16. PRIOR TO FINAL ACCEPTANCE, TEST THE IRRIGATION SYSTEM UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT AND CITY REPRESENTATIVE.

EXISTING CONDITIONS



SHEET INDEX

SHEET	DESCRIPTION
LP-01	EXISTING CONDITIONS
LP-02	DEMOLITION PLAN
LP-03	LAYOUT PLAN
LP-04	DIMENSIONING PLAN
LP-05	DETAILS
LP-06	PLANTING PLAN
LP-07	NOTES & DETAILS

CONSULTANTS

CITY OF LAKE FOREST PARK
 AARON HALVERSON
 ENVIRONMENTAL PROGRAMS MANAGER
 17425 BALLINGER WAY NE
 206.957.2836

LANDSCAPE ARCHITECT:
 MARK S. GARFF, ASLA
 PROJECT GROUNDWORK
 1148 NW LEARY WAY
 SEATTLE, WA 98107
 206.706.1862

REVISIONS	DATE	BY	ME
REVIEW SET	2016-10-28		

Project GROUNDWORK
 AN 8 GJ ALLIANCE STUDIO

1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107
 P: 206-708-1862
 WWW.PROJECTGROUNDWORK.COM

EXISTING CONDITIONS

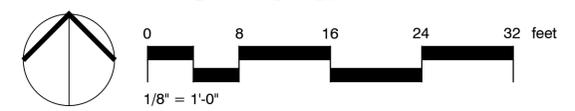
Eagle Scout Park
 CITY OF LAKE FOREST PARK
 Lake Forest Park, WA



DESIGNER:	MG
DRAWN BY:	AW
APPROVED BY:	MG
DATE:	OCT 2016
JOB No:	740.03
DRAWING FILE No:	2319
DRAWING No:	2319
SHEET No:	1 OF 7

CALL BEFORE YOU DIG:

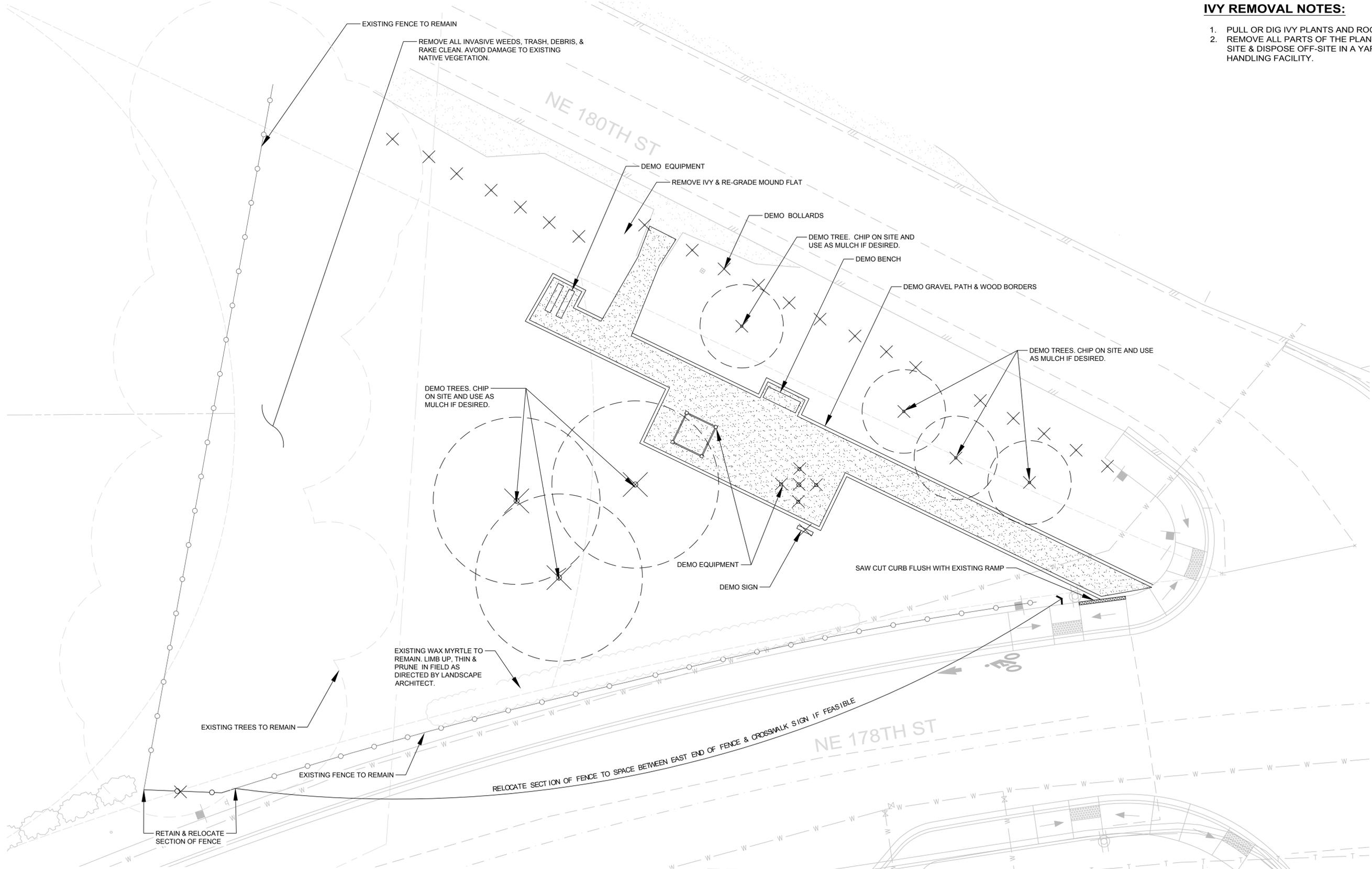
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE 811 OR 1-800-342-1585 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.



Oct 31, 2016 11:12:31am - User: mircos@eslate
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IVY REMOVAL NOTES:

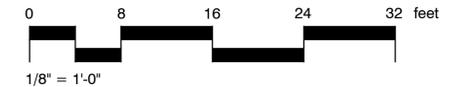
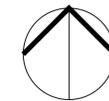
1. PULL OR DIG IVY PLANTS AND ROOTS.
2. REMOVE ALL PARTS OF THE PLANT FROM SITE & DISPOSE OFF-SITE IN A YARD WASTE HANDLING FACILITY.



DEMOLITION PLAN

CALL BEFORE YOU DIG:

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Oct 31, 2016, 11:12:48am - User: mironovskaya
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REVISIONS	DATE	BY	ME
REVIEW SET	2016-10-28		

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 P: 206-708-1862
 WWW.PROJECTGROUNDWORK.COM

DEMOLITION PLAN
 Eagle Scout Park
 CITY OF LAKE FOREST PARK
 Lake Forest Park, WA

STATE OF WASHINGTON
 LICENSED
 LANDSCAPE ARCHITECT
 MARK S. GARFF
 LICENSE NO. 888
 EXPIRES ON 01/05/2018

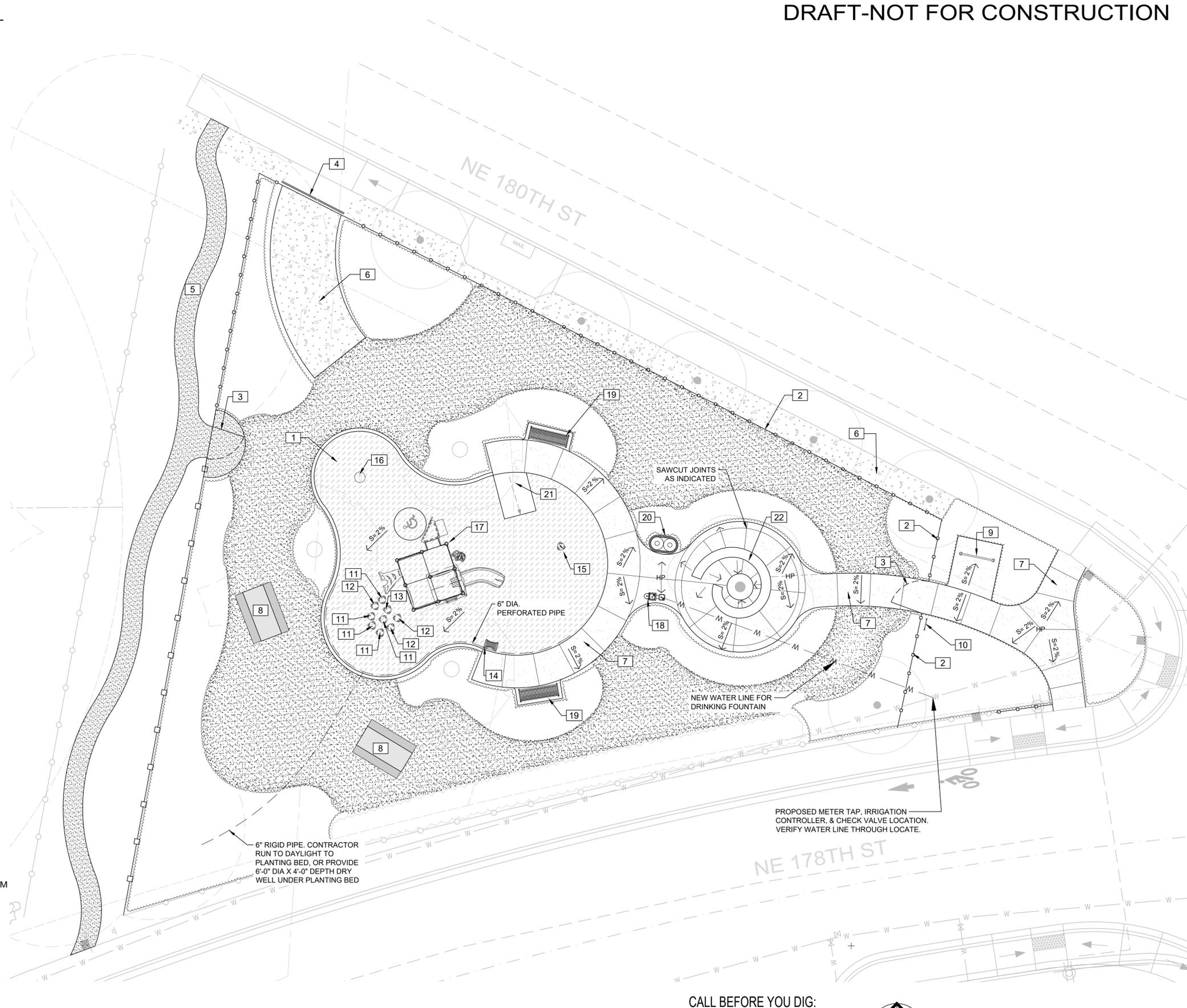
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DRAWN BY:	AW
APPROVED BY:	MG
DATE:	OCT 2016
JOB No:	740.03
DRAWING FILE No:	2319
SHEET No:	2 OF 7

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
[1]	ENGINEERED WOOD FIBER FOR PLAYGROUND IMPACT ATTENUATION 12" DEPTH	1,149 SF	2/LP-05
[2]	CHAINLINK FENCE: TO MATCH EXISTING FENCE ALONG NE 178TH ST	286 LF	
[3]	CHAIN LINK GATE: TO MATCH EXISTING FENCE ALONG 178TH ST TO BE FITTED WITH UNIVERSAL SELF-CLOSING SPRING HINGES AND BUTTERFLY GATE LATCH		
[4]	CHAIN LINK ROLLING GATE WITH LATCH-12' WIDTH STYLE TO MATCH NEW FENCE AND EXISTING FENCE ALONG 178TH ST		
[5]	CRUSHED ROCK PATH TO BE FIELD LOCATED BY LANDSCAPE ARCHITECT TO AVOID DAMAGE TO EXISTING VEGETATION	411 SF	3/LP-05
[6]	DARK FINE MULCH, 2" DEPTH	701 SF	
[7]	CONCRETE PATH SLOPE TO DRAIN AS INDICATED ON PLAN SAW CUT JOINTS AS INDICATED ON PLAN	1,031 SF	6/LP-05
[8]	CITY INVENTORY PICNIC TABLE	2	
[9]	BIKE RACK BY ULTRASITE STYLE: 5800 CONTEMPORARY LOOP, COLOR: GREEN	1	
[10]	SIGNAGE BY PLAY & PARK STRUCTURES STYLE: PBARK-495	1	
[11]	6" PLAYPOD PEDESTAL BY PLAY & PARK STRUCTURES MODEL: 11009B	5	
[12]	12" PLAYPOD PEDESTAL BY PLAY AND PARK STRUCTURES MODEL: 11010B	3	
[13]	18" PLAYPOD PEDESTAL BY PLAY AND PARK STRUCTURES MODEL: 11011B	1	
[14]	MELODY BY PLAY AND PARK STRUCTURES MODEL: MEC757	1	
[15]	JUNIRO SYNCHRO SPINNER BY PLAY AND PARK STRUCTURES MODEL: MEC130	1	
[16]	WHIRL & TWIRL BY PLAY & PARK STRUCTURES MODEL: 65156	1	
[17]	HAPPY-TRAILS PLAY STRUCTURE BY PLAY & PARK STRUCTURES MODEL: 20-101169	1	
[18]	DRINKING FOUNTAIN BY ULTRASITE MODEL: ELITE DOGGIE PERSON & DOG DRINKING FOUNTAIN P3011SM COLOR: GREEN	1	
[19]	BENCH WITH BACK, BY ULTRASITE JACKSON WITH BACK 96, COLOR: GREEN	2	
[20]	TRASH AND RECYLING RECEPTACLE BY ULTRASITE MODEL: LX-72 DUAL LEXINGTON RECEPTACLE COLOR: GREEN, WITH "RECYCLE" & "TRASH" DECALS	1	
[21]	CONCRETE FLUCTUATION RAMP	1/LP-05	
[22]	SPIRAL CAST-IN-PLACE CONCRETE SEAT WALL	4/LP-05	

PLAYGROUND EQUIPMENT INSTALLATION:

PLAYGROUND EQUIPMENT TO BE INSTALLED BY PLAY & PARK INSTALLATION TEAM



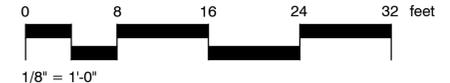
LAYOUT PLAN

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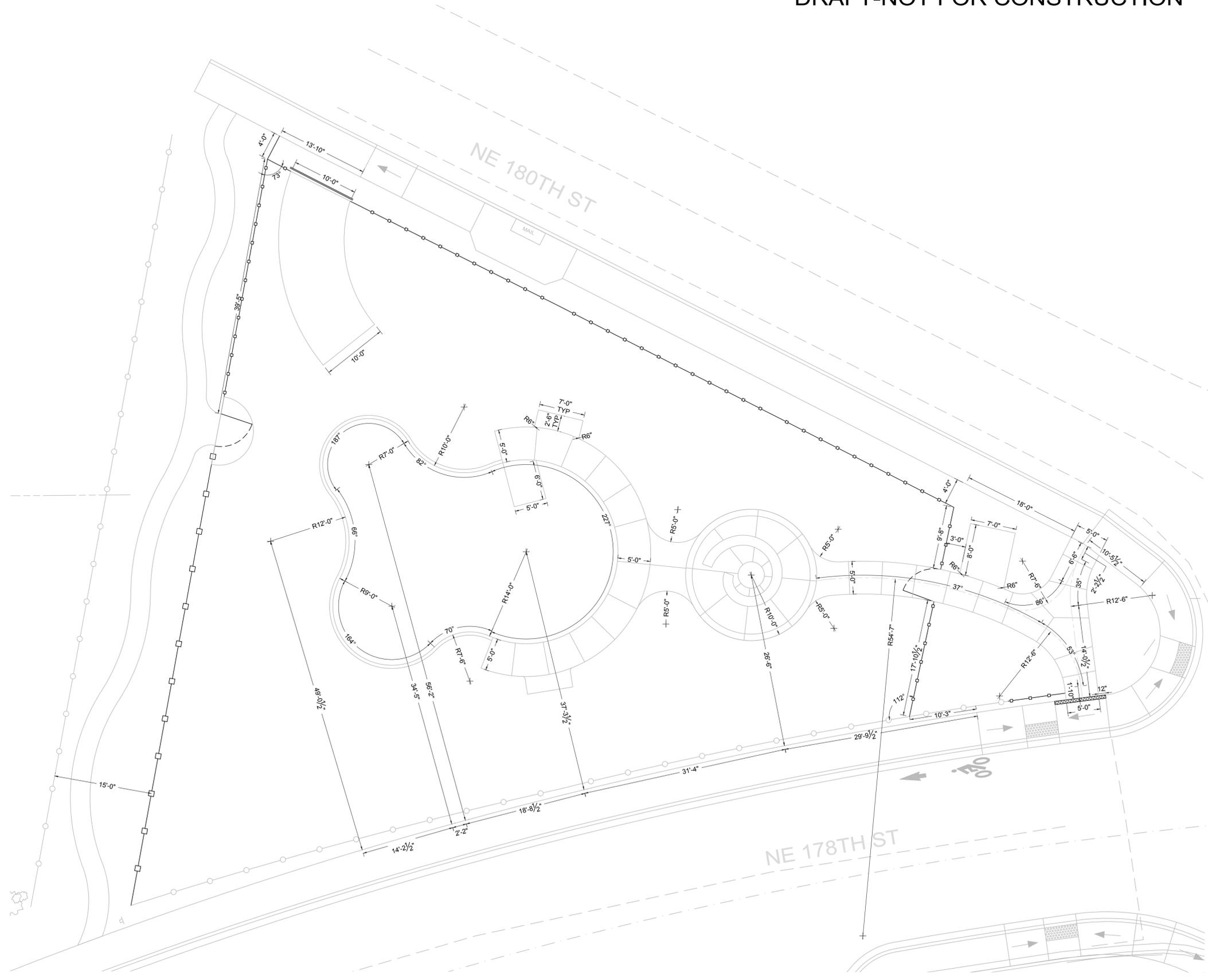
BY	ME
DATE	2016-10-28
REVISIONS	REVIEW SET
<p>Project GROUNDWORK AN 8 GJ ALLIANCE STUDIO</p> <p>1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107 P: 206-708-1862 WWW.PROJECTGROUNDWORK.COM</p>	
<p>LAYOUT PLAN</p> <p>Eagle Scout Park CITY OF LAKE FOREST PARK Lake Forest Park, WA</p>	
<p>STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT</p> <p>MARK S. GARFF LICENSE NO. 888 EXPIRES ON 01/01/2018</p>	
DESIGNER:	MG
DRAWN BY:	AW
APPROVED BY:	MG
DATE:	OCT 2016
JOB No:	740.03
DRAWING FILE No:	2319
DRAWING No:	2319
SHEET No:	3 OF 7

CALL BEFORE YOU DIG:

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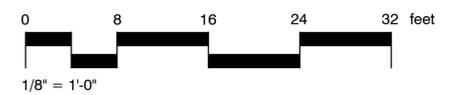
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DIMENSIONING PLAN

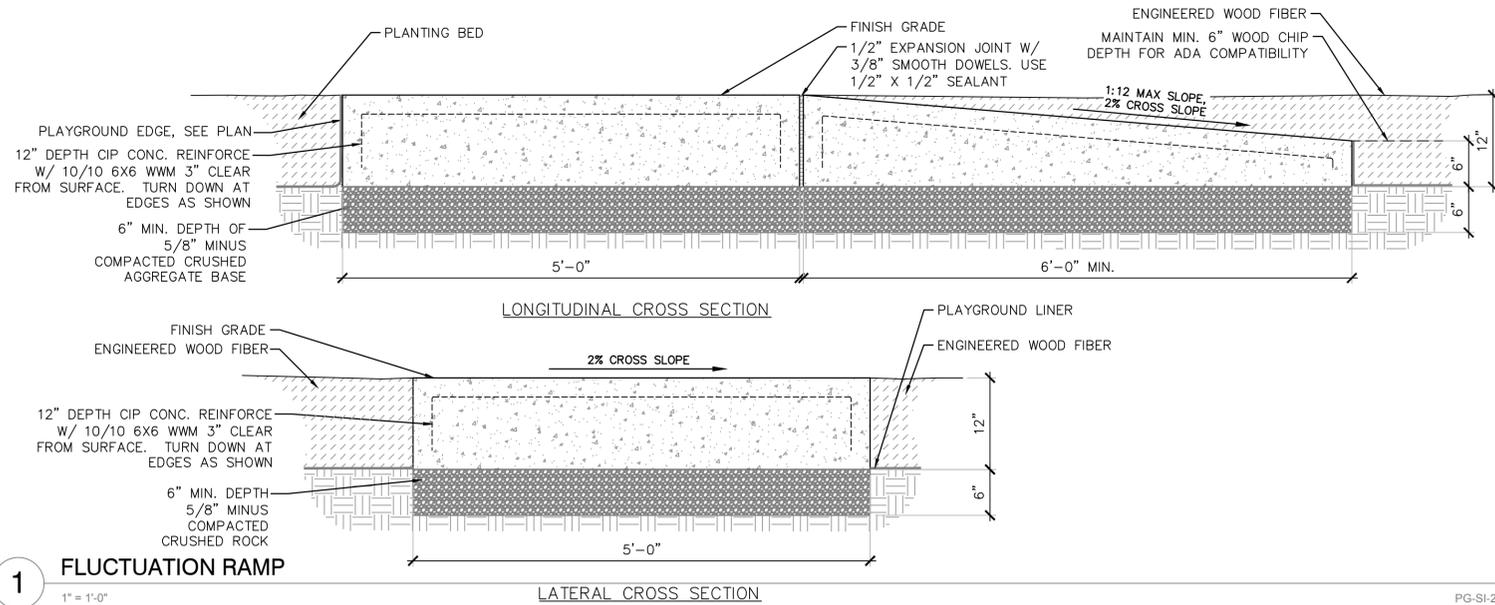
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Oct 31, 2016 11:14:13am - User: mrschneider
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REVISIONS	DATE	BY
REVIEW SET	2016-10-28	ME
<p>Project GROUNDWORK AN 8 GJ ALLIANCE STUDIO</p> <p>1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107 P: 206-708-1862 WWW.PROJECTGROUNDWORK.COM</p>		
<p>SHEET TITLE: DIMENSIONING PLAN</p> <p>PROJECT NAME: Eagle Scout Park CITY OF LAKE FOREST PARK Lake Forest Park, WA</p>		
<p>DESIGNER: MG</p> <p>DRAWN BY: AYW</p> <p>APPROVED BY: MG</p> <p>DATE: OCT 2016</p> <p>JOB No: 740.03</p> <p>DRAWING FILE No:</p> <p>DRAWING No: 2319</p> <p>SHEET No: 4 OF 7</p>		
<p>STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT</p> <p>MARK S. GARFF LICENSE NO. 888 EXPIRES ON 01/05/2018</p>		



1 FLUCTUATION RAMP

1" = 1'-0"

LATERAL CROSS SECTION

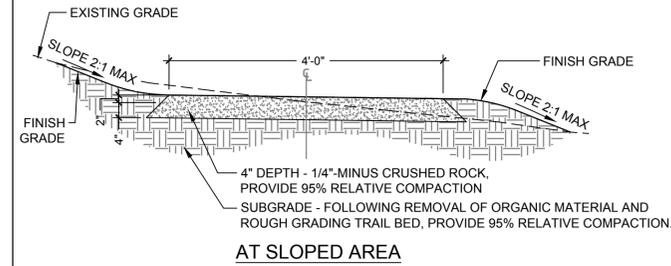
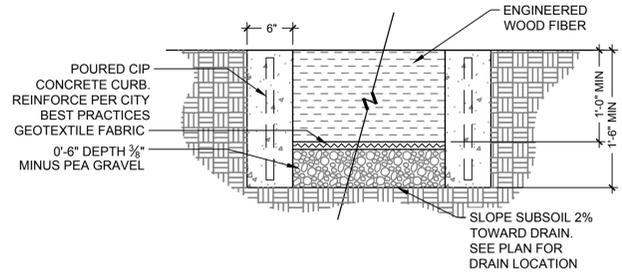
PG-SI-20

2 PLAYGROUND EDGING & SURFACING

1" = 1'-0"

P-CO-LAK2-30

- NOTES:
- DO NOT INSTALL PLAYGROUND DRAINAGE OR ENGINEERED WOOD FIBER BEFORE PLAYGROUND EQUIPMENT INSTALLATION
 - TOP SURFACE OF ENGINEERED WOOD FIBER TO SLOPE AT A RATE OF 1% TOWARD DRAIN
 - SUBGRADE SHALL SLOPE AT A RATE OF 2% TOWARD DRAIN
 - DURALINER AND ENGINEERED WOOD FIBER TO BE INSTALLED BY PLAYGROUND MANUFACTURER

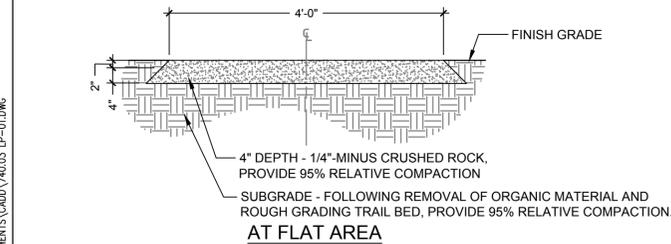


STANDARD TRAIL NOTES:

- SUBGRADE AREAS FOR THE TRAIL SHALL BE THOROUGHLY STRIPPED AND THE EXPOSED SUBGRADE PROOF-ROLLED. ANY SOFT, WEAK OR YIELDING AREAS SHALL BE OVER-EXCAVATED TO EXPOSE FIRM GROUND.
- THE RESULTING EXCAVATION SHALL BE BACKFILLED WITH APPROVED FILL MATERIAL COMPACTED TO 95% RELATIVE COMPACTION. PRIOR TO PLACEMENT OF BACKFILL, THE OVER-EXCAVATED SUBGRADE SHALL BE COMPACTED TO FIRM AND UNYIELDING CONDITION.
- ALL RELATIVE COMPACTION TESTS SHALL MEET ASTM D1557

GENERAL NOTES

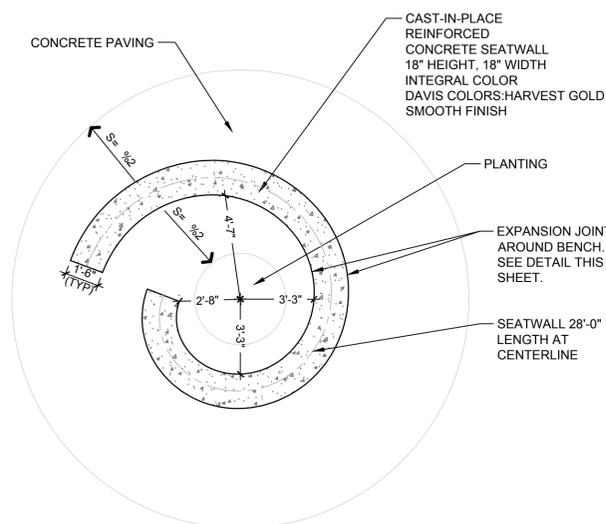
- IN AREAS WITH EXISTING VEGETATION TO REMAIN, ALL TRAIL CONSTRUCTION SHALL INCLUDE STANDARD CLEARING LIMITS AS FOLLOWS: BRUSH AND BRANCHES ABOVE 36" ABOVE GROUND LEVEL SHALL BE REMOVED TO A HT. OF 8' WITHIN 3' OF TRAIL. ALL VEGETATION BELOW 36" HT. SHALL BE CUT BACK TO THE WIDTH OF THE TRAIL. FALLEN LOGS SHALL BE CUT FLUSH AT THE EDGE OF THE TRAIL.
- FOLLOWING CLEARING WITHIN THE DESIGNED TRAIL CORRIDOR, REMOVE ALL ORGANIC AND OTHER DEBRIS TO PRIOR TO IMPORTING CRUSHED ROCK. ESTABLISH DESIGN CROSS-SLOPE IN SUBGRADE MATERIALS, SLOPE OR CROWN AS DIRECTED.
- ROLL/COMPACT EDGES OF FINISH PATH TO BLEND BACK TO ADJACENT GRADE. FINISHING GRADE OF PATH WILL BE FLUSH OR SLIGHTLY ELEVATED/CROWNED ABOVE ADJACENT SURFACES.
- IMPORT CRUSHED ROCK FOLLOWING APPROVAL OF PREPARED TRAIL BED. TAPER EDGES AT A 45° ANGLE INTO THE SUBGRADE. TOP COURSE FLUSH WITH FINISH GRADE. WHERE DESIRED, PROVIDE COMPLETE MECHANICAL COMPACTION. WHERE THIS IS IMPRACTICAL OR IMPOSSIBLE, COMPACT BY HAND WITH AN APPROPRIATELY WEIGHTED IMPLEMENT.
- PERFORM SITE RESTORATION AND REVEGETATION IMMEDIATELY UPON COMPLETION OF TRAIL WORK AND/OR RELATED DRAINAGE WORK OR AS DIRECTED BY THE CITY OR THE CITY'S CONSULTANT.



3 STANDARD TRAIL

3/4" = 1'-0"

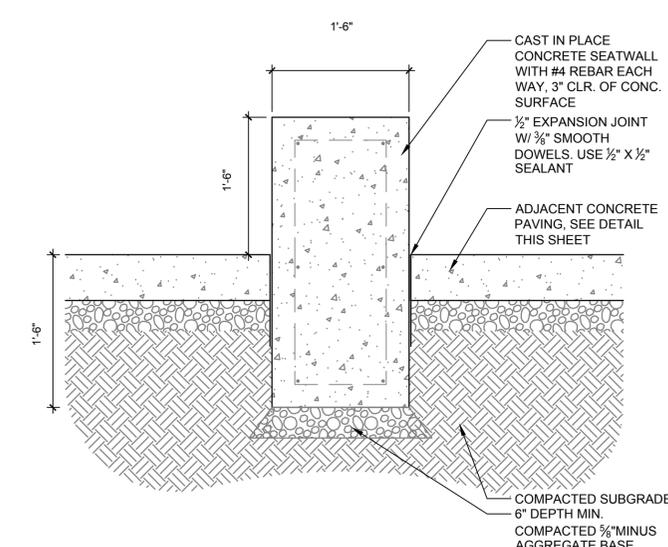
P-CO-LAK2-16



4 SPIRAL CONCRETE SEATWALL

1/4" = 1'-0"

P-CO-LAK2-29



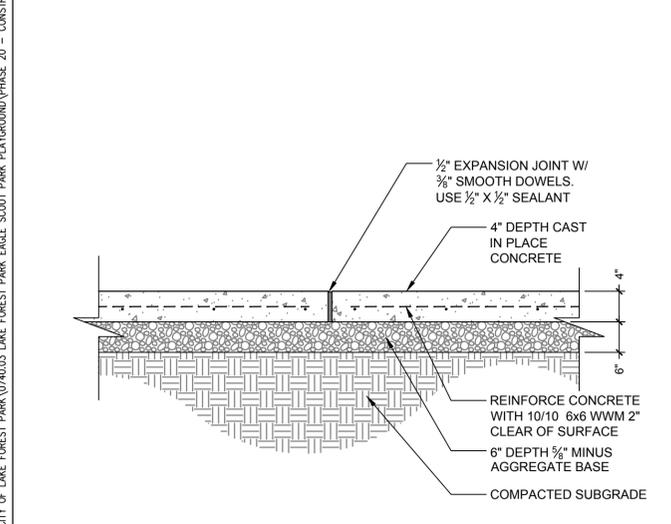
5 SPIRAL CONCRETE SEATWALL SECTION

1" = 1'-0"

P-CO-LAK2-31

- NOTE:
- ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED.
 - HOLD GRADE 1" BELOW EDGE OF WALK OR CURB.

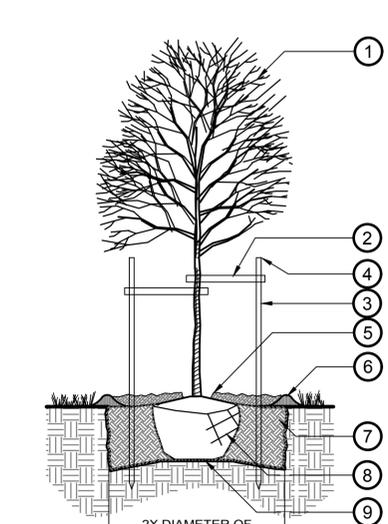
- PRUNE ALL DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING.
- DIG PLANT PIT TWICE AS WIDE AS THE CONTAINER OR MORE
- APPLY MULCH AS SPECIFIED ON PLANS
- REMOVE CONTAINER
- ROUGHEN SIDES OF PLANT PIT. SCORE SIDES OF ROOTBALL OF ROOBOUND PLANTS ONLY.
- FILL PLANT PIT WITH SPECIFIED SOIL MIX



6 CONCRETE FLATWORK

1" = 1'-0"

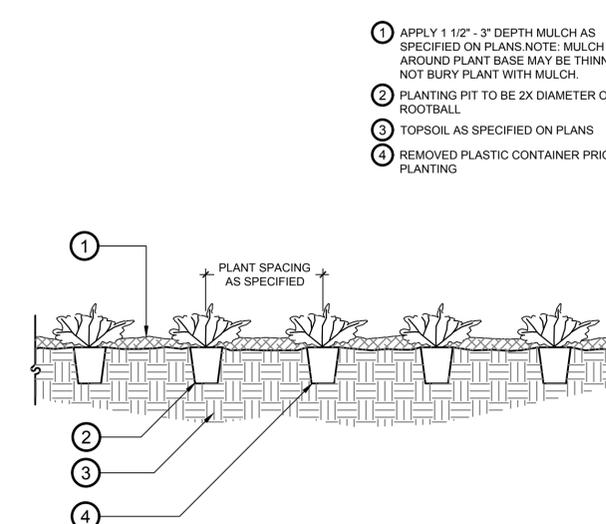
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7 TREE PLANTING DETAIL

NTS

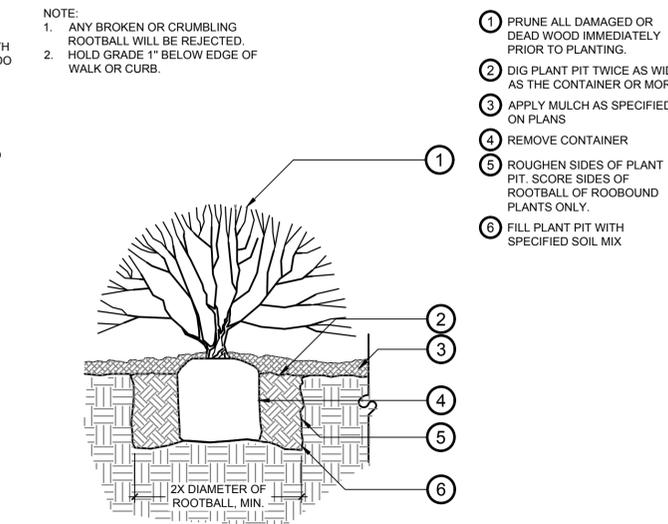
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8 GROUNDCOVER PLANTING DETAIL

NTS

PG-PL-03



9 SHRUB PLANTING DETAIL

NTS

PG-PL-02

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BY	ME
DATE	2016-10-28
REVISIONS	REVIEW SET
AN 8 GJ ALLIANCE STUDIO 1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107 P: 206-708-1862 WWW.PROJECTGROUNDWORK.COM	
DETAILS	Eagle Scout Park CITY OF LAKE FOREST PARK Lake Forest Park, WA
SHEET TITLE:	PROJECT NAME:
SEAL	
DESIGNER:	MG
DRAWN BY:	AW
APPROVED BY:	MG
DATE:	OCT 2016
JOB No:	740.03
DRAWING FILE No:	2319
DRAWING No:	2319
SHEET No:	5 OF 7

PLANT SCHEDULE

TREES QTY BOTANICAL NAME CAL

	6	ACER GRISEUM Paperbark Maple	2" CAL
	1	CERCIDIPHYLLUM JAPONICUM Katsura Tree	3" CAL MIN
	3	CERCIS CANADENSIS Eastern Redbud	2.5" CAL.

SHRUBS QTY BOTANICAL NAME SIZE SPACING

	39	GAULTHERIA SHALLON Salal	1 OR 2 GAL	36" o.c.
	17	HYDRANGEA QUERCIFOLIA 'MUNCHKIN' Oakleaf Hydrangea	5 GAL	36" o.c.
	42	ILEX CRENATA 'SOFT TOUCH' Soft Touch Japanese Holly	2 GAL	30" o.c.
	10	LONICERA NITIDA 'RED TIPS' Red Tips Box Honeysuckle	5 GAL	54" o.c.
	13	MAHONIA AQUIFOLIUM 'COMPACTA' Compact Oregon Grape	2 GAL	36" o.c.
	27	PHYSOCARPUS OPULIFOLIUS 'AMBER JUBILEE' Ninebark	2 GAL	42" o.c.
	10	POLYSTICHUM MUNITUM Western Sword Fern	1 GAL	36" o.c.
	15	VACCINIUM OVATUM Evergreen Huckleberry	5 GAL	60" o.c.

PERENNIALS QTY BOTANICAL NAME SIZE SPACING

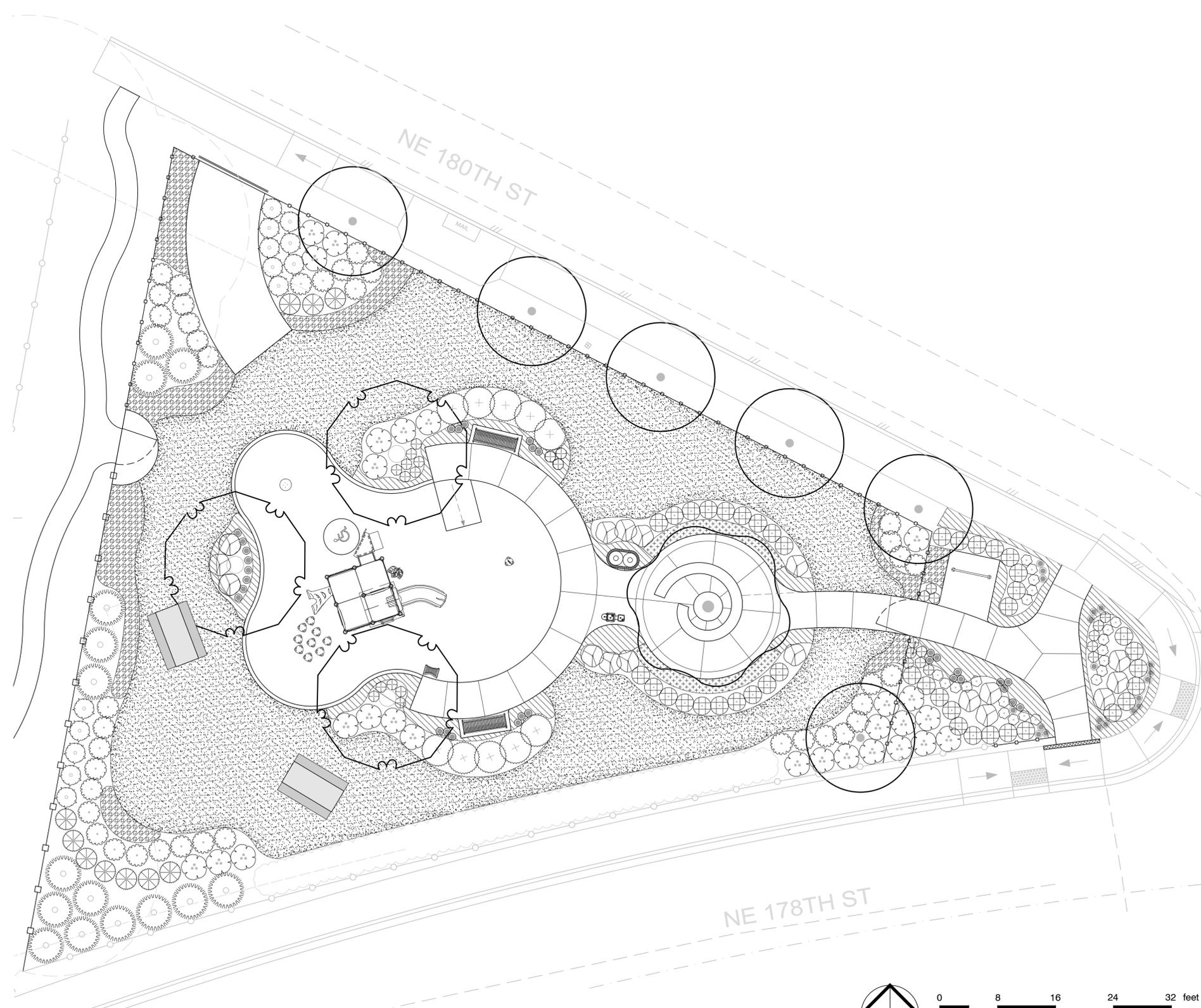
	51	ALLIUM X 'SUMMER BEAUTY' Summer Beauty Allium	BULB	12" o.c.
	29	PENNISETUM ALOPECUROIDES 'LITTLE BUNNY' Little Bunny Fountain Grass	1 GAL	18" o.c.
	22	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' Black-eyed Susan	1 GAL	18" o.c.

GROUND COVERS QTY BOTANICAL NAME CONT SPACING

	178	ARCTOSTAPHYLOS UVA-URSI 'VANCOUVER JADE' Vancouver Jade Bearberry	4"POT	18" o.c.
	24	GERANIUM X CANTABRIGIENSE 'BIOKOVO' Biokovo Cranesbill	1 GAL	24" o.c.
	63	MAHONIA REPENS Creeping Mahonia	1 GAL	30" o.c.

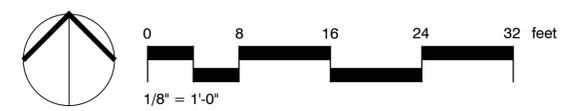
CONCEPT PLANT SCHEDULE

	LAWN SODDED	3,037 SF
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PLANTING PLAN

BY	ME
DATE	2016-10-28
REVISIONS	
REVIEW SET	
<p>Project GROUNDWORK AN 8 GJ ALLIANCE STUDIO</p> <p>1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107 P. 206-708-1862 WWW.PROJECTGROUNDWORK.COM</p>	
<p>PLANTING PLAN</p> <p>Eagle Scout Park CITY OF LAKE FOREST PARK Lake Forest Park, WA</p>	
<p>STATE OF WASHINGTON LICENSED LANDSCAPE ARCHITECT</p> <p>MARK S. GARFF LICENSE NO. 888 EXPIRES ON 01/05/2018</p>	
DESIGNER:	MG
DRAWN BY:	AW
APPROVED BY:	MG
DATE:	OCT 2016
JOB No:	740.03
DRAWING FILE No:	
DRAWING No:	2319
SHEET No:	6 OF 7



Oct 31, 2016 11:21:52am - User: mironko@cityoflakeforest.com
 N:\PROJECTS\0740 CITY OF LAKE FOREST PARK\0740.03 LAKE FOREST PARK EAGLE SCOUT PARK PLAYGROUND\PHASE 20 - CONSTRUCTION DOCUMENTS\CADD\740.03 LP--01.DWG

BIDDER-DESIGNED IRRIGATION SYSTEM REQUIREMENTS:

THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AN IRRIGATION DESIGN DRAWING, EQUIPMENT SCHEDULE AND MANUFACTURER'S PRODUCT INFORMATION FOR REVIEW AND APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT AND THE CITY REPRESENTATIVE, PRIOR TO COMMENCEMENT OF INSTALLATION.

IRRIGATION SYSTEM SHALL BE AN UNDERGROUND MAINLINE SYSTEM USING POP-UP ROTORS, POP-UP SPRAY HEADS, INLINE EMITTERS, OR LANDSCAPE DRIPLINE AND/OR INDIVIDUAL BUBBLERS. SYSTEM SHALL PROVIDE COMPLETE COVERAGE OF ALL PLANTED LAWN AND PLANTING BEDS.

PLANT MATERIAL WITH DIFFERENT WATER REQUIREMENTS SHALL BE VALVED SEPARATELY. SIMILAR PLANT MATERIAL, WITH DIFFERENT EXPOSURES SHALL BE VALVED SEPARATELY. SIMILAR PLANT MATERIAL UNDER DIFFERENT IRRIGATION METHODS SHALL BE VALVED SEPARATELY. SPRINKLERS SHALL BE GROUPED INTO LATERAL ZONES BASED ON WATER REQUIREMENTS TO ALLOW MAXIMUM FLEXIBILITY IN IRRIGATION CONTROLLER PROGRAMMING.

CONNECT SYSTEM TO POTABLE WATER SERVICE PER THE IRRIGATION DIAGRAM PROVIDED. PROVIDE ADEQUATE FILTRATION TO ENSURE PERFORMANCE.

IRRIGATION CONTRACTOR SHALL INSTALL ALL IRRIGATION CONNECTIONS PER LOCAL CODE, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF THE APPROPRIATE BACKFLOW PREVENTER AT THE POINT OF CONNECTION.

MAINLINE WILL BE SCH. 40 PVC PIPE BURIED AT MIN. 18" DEPTH. LATERALS WILL BE CLASS 200 PVC BURIED AT MIN. 12" DEPTH. CONTROL WIRING WILL BE ADJACENT TO OR BELOW MAINLINE PIPING. WIRING, MAINLINE, AND LATERALS SHALL BE IN SEPARATE SCH. 40 SLEEVES UNDER EACH HARD SURFACE. TWO SPARE WIRES SHALL BE RUN THROUGHOUT THE ENTIRE MAINLINE NETWORK.

CONCRETE THRUST BLOCKS SHALL BE INSTALLED IN THE MAINLINE TRENCH AT ALL JOINTS OF 30 DEGREES UP TO 90 DEGREES.

SOLENOID VALVES SHALL BE CONTAMINATION RESISTANT GLASS REINFORCED NYLON VALVES RATED AT 200PSI, WITH A FLOW CONTROL FEATURE. VALVES WITH PRESSURE REGULATION CAPABILITIES WILL BE USED WHERE NECESSARY. SPRINKLER LATERALS SHALL BE DESIGNED TO NOT EXCEED THE AVAILABLE FLOW AT THE WATER SOURCE. ISOLATED SOLENOID VALVES SHALL BE HOUSED IN A SINGLE VALVE BOX FOR VALVE ACCESS, AND GROUPED SOLENOID VALVES WILL BE HOUSED IN A VALVE BOX LARGE/JUMBO VALVE BOX. ALLOW MIN. 4" CLEARANCE AROUND EACH VALVE FOR MAINTENANCE PURPOSES.

QUICK COUPLERS SHALL BE LOCATED THROUGHOUT THE SITE FOR INCIDENTAL WATERING NEEDS IMPROVING ESTABLISHMENT OF ALL PLANTING AREAS. QUICK COUPLERS SHALL BE NO MORE THAN 200' APART.

POP-UP ROTORS AND SPRAY HEADS SHALL BE SPACED PER MANUFACTURER'S MAXIMUM SPACING REQUIREMENTS TO ENSURE HEAD TO HEAD COVERAGE. CONTRACTOR MAY CHOOSE TO IRRIGATE TREES AND SHRUBS INDIVIDUALLY WITH INLINE EMITTERS OR BUBBLERS. IF BUBBLERS ARE CHOSEN: SMALL SHRUBS UP TO 3" DIA AT MATURITY SHALL BE IRRIGATED WITH AT LEAST 1 BUBBLER.

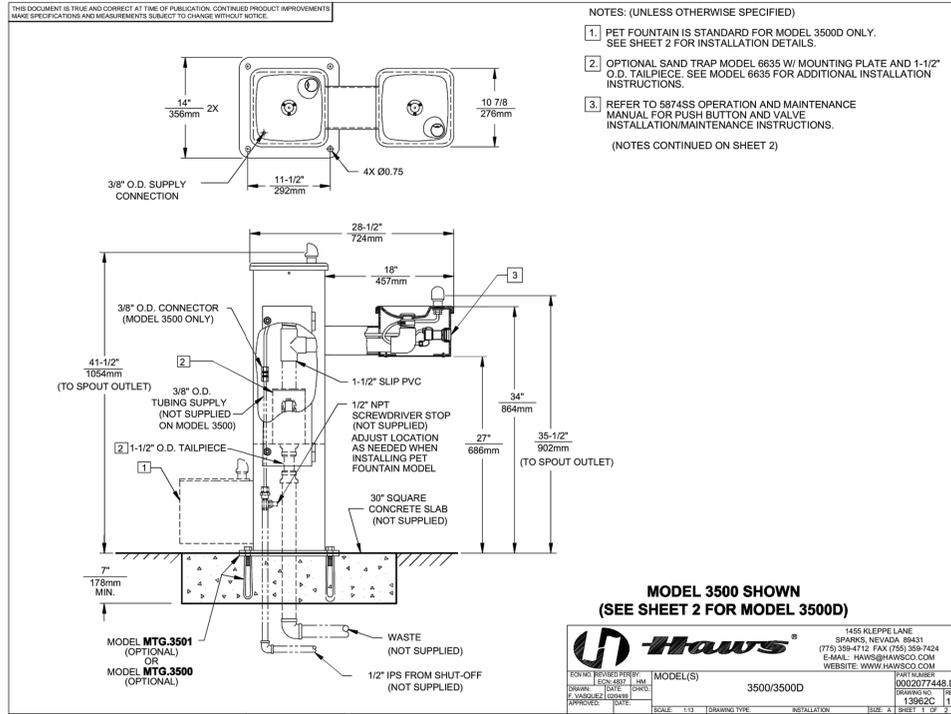
MEDIUM SHRUBS 3'-6" DIA. SHALL BE IRRIGATED WITH AT LEAST 3 BUBBLERS.

PRESSURE-COMPENSATING LANDSCAPE DRIP LINE MAY BE USED IN SHRUB AND GROUND COVER AREAS. INSTALL DRIP LINE WITH EMITTER AND ROW SPACING, AND EMITTER FLOW RATES, RECOMMENDED BY THE MANUFACTURER FOR THE GIVEN PLANT MATERIAL AND SOIL TYPE.

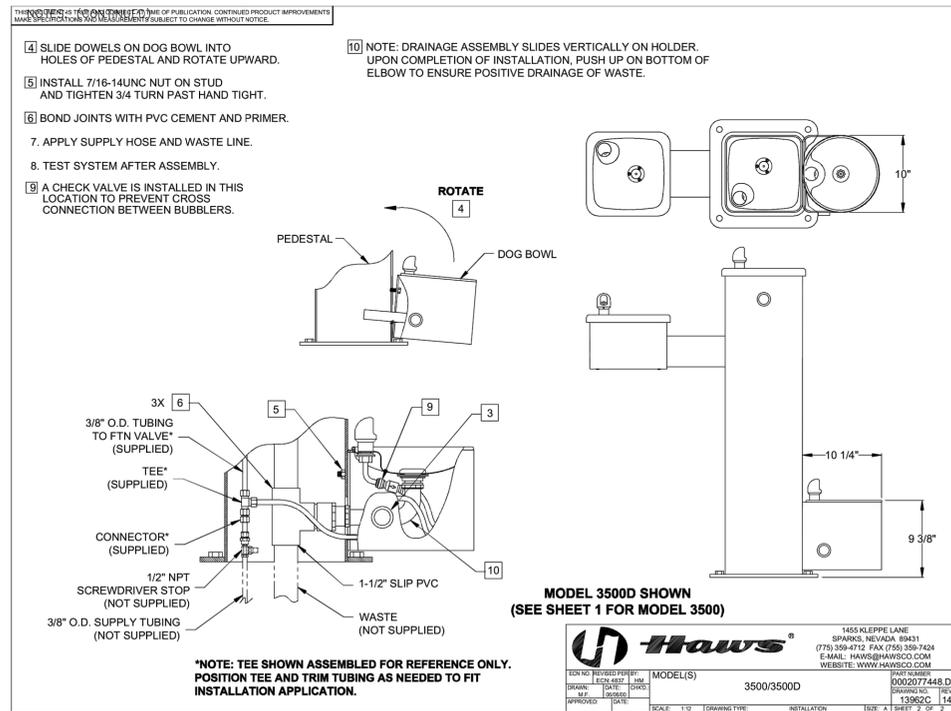
ALL TREES SHALL BE IRRIGATED WITH EITHER HUNTER OR RAINBIRD ROOT WATERING SYSTEMS.

THE BATTERY-OPERATED IRRIGATION SYSTEM CONTROLLER WILL BE FULLY AUTOMATED WITH WATER BUDGETING CAPABILITIES. TURF AND PLANTING AREAS WILL BE PLACED ON DIFFERENT ZONES ON THE CONTROLLER TO ENSURE PROPER ESTABLISHMENT OF ALL LANDSCAPE AND HABITAT IMPROVEMENTS.

COORDINATE POINT OF CONNECTION AND CONTROLLER LOCATION AND POWER (IF AVAILABLE) WITH SITE SUPERINTENDENT.



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BY	ME
DATE	2016-10-28
REVISIONS	
REVIEW SET	
 AN 8 G J ALLIANCE STUDIO 1148 NW LEARY WAY, SEATTLE, WASHINGTON 98107 P. 206-708-1862 WWW.PROJECTGROUNDWORK.COM	
SHEET TITLE:	NOTES
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