



SHEET DESCRIPTION:
GENERAL INFORMATION

SUBMITTAL:
100% CONSTRUCTION DOCUMENT
PROJECT:
**GLENCOE ELEMENTARY SCHOOL
SCHOOLYARD RETROFIT**

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Revisions		
No.	Revision	Date

G1

Scale: **NTS**
Date: **02.17.2026**
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PROJECT TEAM

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PROJECT CONTACT: JOANNA EVENSON

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PROJECT CONTACT: CHRIS HATHAWAY

LANDSCAPE ARCHITECT
JUNCUS STUDIO, LLC
5200 S MACADAM AVE
SUITE 210
PORTLAND, OR 97239
PHONE: 503.715.5453
PROJECT CONTACT: DAVE ELKIN, OWNER

SURVEYOR
MINISTER GLAESER
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VANCOUVER, WA 98661
PHONE: 360.694.3313
PROJECT CONTACT: RYAN HOLLAND

ABBREVIATIONS

APPROX. = APPROXIMATE	O.C. = ON CENTER
ABBEV. = ABBREVIATED	O.D. = OUTSIDE DIAMETER
B&B = BALLED AND BURLAP	P.A. = PLANTING AREA
BMPS = BEST MANAGEMENT PRACTICES	PERF = PERFERATED
BO = BY OWNER	PVC = POLYVINYL CHLORIDE PIPE
BR = BOTTOM OF RAMP	REQ. = REQUIRED
BS = BOTTOM OF STAIR	R. = RADIUS
CAL. = CALIPER	RE = RIM ELEVATION
CONT. = CONTINUOUS	REC. = RECTANGLE
C.P. = CENTER POINT	R.O.W. = RIGHT OF WAY
DOM = DOMESTIC WATER LINE	SAN = SANITARY
(E) = EXISTING	SEC. = SECONDARY
EA. = EACH	SST = STAINLESS STEEL
E.J. = EXPANSION JOINT	TC = TOP OF CURB
ELEV = ELEVATION	TD = TRENCH DRAIN
EOP = EDGE OF PAVEMENT	TEL = TELEPHONE
ESC = EROSION AND SEDIMENT CONTROL	TG = TOP OF GRATE
FG = FINISH GRADE	TR = TOP OF RAMP
F.L. = FLOW LINE	TS = TOP OF STAIR
FS = FINISH SURFACE	TYP = TYPICAL
GAL = GALLON	U.G. = UNDERGROUND
GND = GROUND	U.O.N = UNLESS OTHERWISE NOTED
IE = INVERT ELEVATION	VR = VANDAL RESISTANT
LF = LINEAR FEET	WM = WATER METER
MIN = MINIMUM	WP = WATER PROOF
MAX = MAXIMUM	WQ = WATER QUALITY
N.I.C. = NOT IN CONTRACT	

LOCATION MAPS

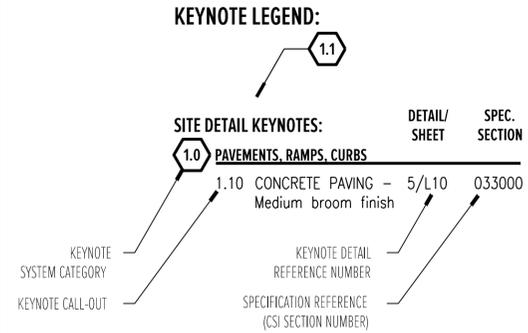


AREA MAP NOT TO SCALE

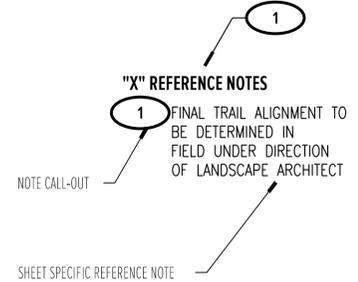


CONTEXT MAP NOT TO SCALE

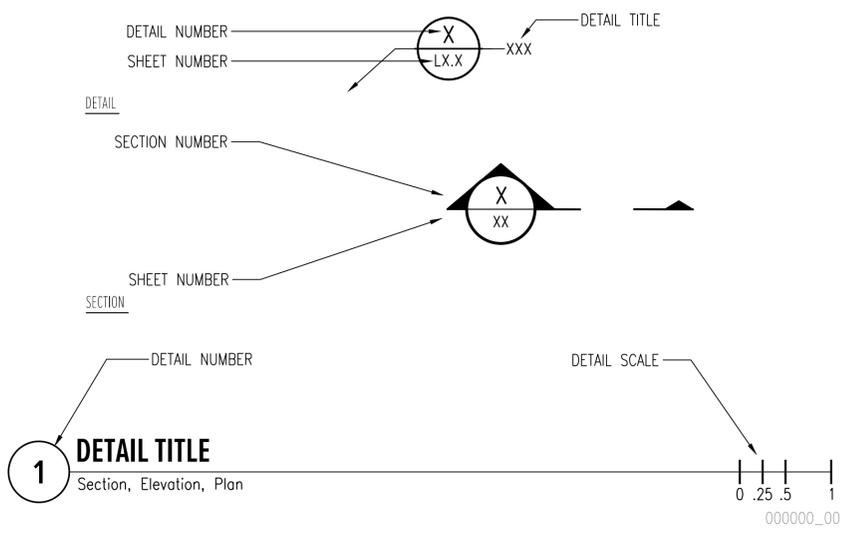
KEYNOTE LEGEND



REFERENCE NOTE LEGEND:



SYMBOL LIST



GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2023 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF PORTLAND.
- ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY ACCURATELY LOCATED.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- THE OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR THEIR CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF WORK.
- TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO CITY OF PORTLAND AND/OR OREGON DEQ FOR MINIMUM EROSION CONTROL MEASURES. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS, DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER NOT LEAVE THE SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ENTRY WAY AND PARKING AREA, KEEPING THESE AREAS CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.

CONSTRUCTION NOTES

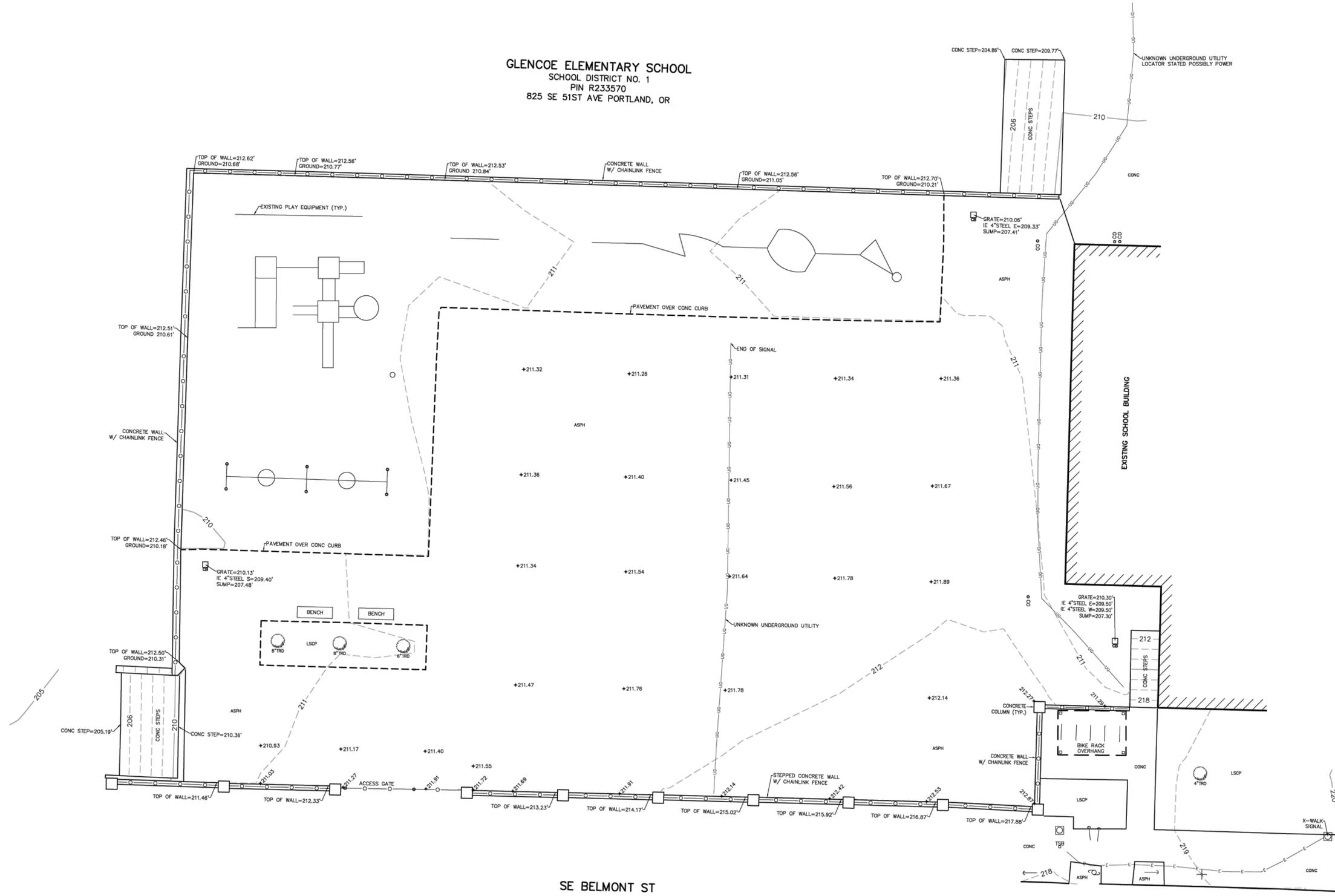
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND PROPER DISPOSAL OF EXCAVATION MATERIAL, PLANT MATERIAL, EXISTING A.C., CURBS, CATCH BASINS AND ANY OTHER ELEMENTS IDENTIFIED IN THE PLANS.
- ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
- SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN EXISTING AND NEW PAVEMENT.
- CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.

EXISTING CONDITIONS SURVEY

A PORTION OF
 GLENCOE ELEMENTARY SCHOOL
 LOCATED IN THE NE 1/4 OF THE NW 1/4
 SECTION 6, T. 1 S., R. 2 E., W.M.
 CITY OF PORTLAND
 MULTNOMAH COUNTY, OREGON

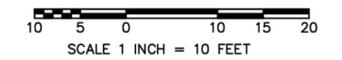
GLENCOE ELEMENTARY SCHOOL
 SCHOOL DISTRICT NO. 1
 PIN R233570
 825 SE 51ST AVE PORTLAND, OR

- LEGEND:**
- INDICATES CATCH BASIN
 - INDICATES TRAFFIC SIGNAL BOX
 - INDICATES TRAFFIC SIGNAL POLE
 - INDICATES UTILITY POLE
 - INDICATES GUY ANCHOR
 - INDICATES STREET NAME SIGN
 - INDICATES UNIDENTIFIED CLEANOUT
 - INDICATES SPOT ELEVATION
 - INDICATES DECIDUOUS TREE WITH TRUNK DIAMETER
 - INDICATES PROPERTY IDENTIFICATION NUMBER
 - INDICATES ASPHALT
 - INDICATES CONCRETE
 - INDICATES LANDSCAPING
 - INDICATES EDGE OF ASPHALT
 - INDICATES EDGE OF CONCRETE
 - INDICATES 5 FOOT INTERVAL CONTOUR
 - INDICATES 1 FOOT INTERVAL CONTOUR
 - INDICATES CHAINLINK FENCE LINE
 - INDICATES ELECTRIC LOCATE
 - INDICATES UNIDENTIFIED UTILITY LOCATE



9/22/2025

REGISTERED PROFESSIONAL LAND SURVEYOR
Ryan David Holland
 OREGON
 JANUARY 14, 2025
 RYAN DAVID HOLLAND
 104545PLS
 RENEWS: 06/30/2027



HORIZONTAL DATUM:
 NAD 83(2011)(EPOCH 2010.0000), OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, INTERNATIONAL FEET.

VERTICAL DATUM:
 CITY OF PORTLAND (COP)

BENCH MARK:
 COP BENCHMARK NO. 734
 BRASS DISK SET IN VERTICAL FACE OF CONCRETE COLUMN
 AT INTERSECTION OF SE BELMONT ST AND SE 49TH AVE
 ELEVATION = 202.481', COP DATUM

NOTE:
 A PUBLIC UTILITY LOCATE WAS CALLED FOR ON 9/5/2025 UNDER TICKET NUMBER 25278928. A PRIVATE ONSITE UTILITY LOCATE WAS COMPLETED ON 9/10/2025. THE UNDERGROUND UTILITIES AS SHOWN HEREON ARE AS MARKED AT THE TIME OF THIS SURVEY. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. UNDERGROUND CONNECTIONS ARE SHOWN AS STRAIGHT LINES BETWEEN SURFACE LOCATIONS BUT MAY CONTAIN BENDS OR CURVES NOT SHOWN. SOME UNDERGROUND LOCATIONS HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. M.G.S. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS.

	JOB NO. 25-388
	DATE: 9/22/2025
	CALC BY: N/A
	DRAWN BY: RDH
	CHECKED BY: DAR
FILE: 25388T1.DWG	
SHEET 1 OF 1	

Revisions		
No.	Revision	Date

EC1

Scale: **1"=8'-0" @ 22"X34"**

Date: **02.17.2026**

Drawn by: **CL**

Checked by: **DE**

Sheet **3** of **9**

REFERENCE NOTES

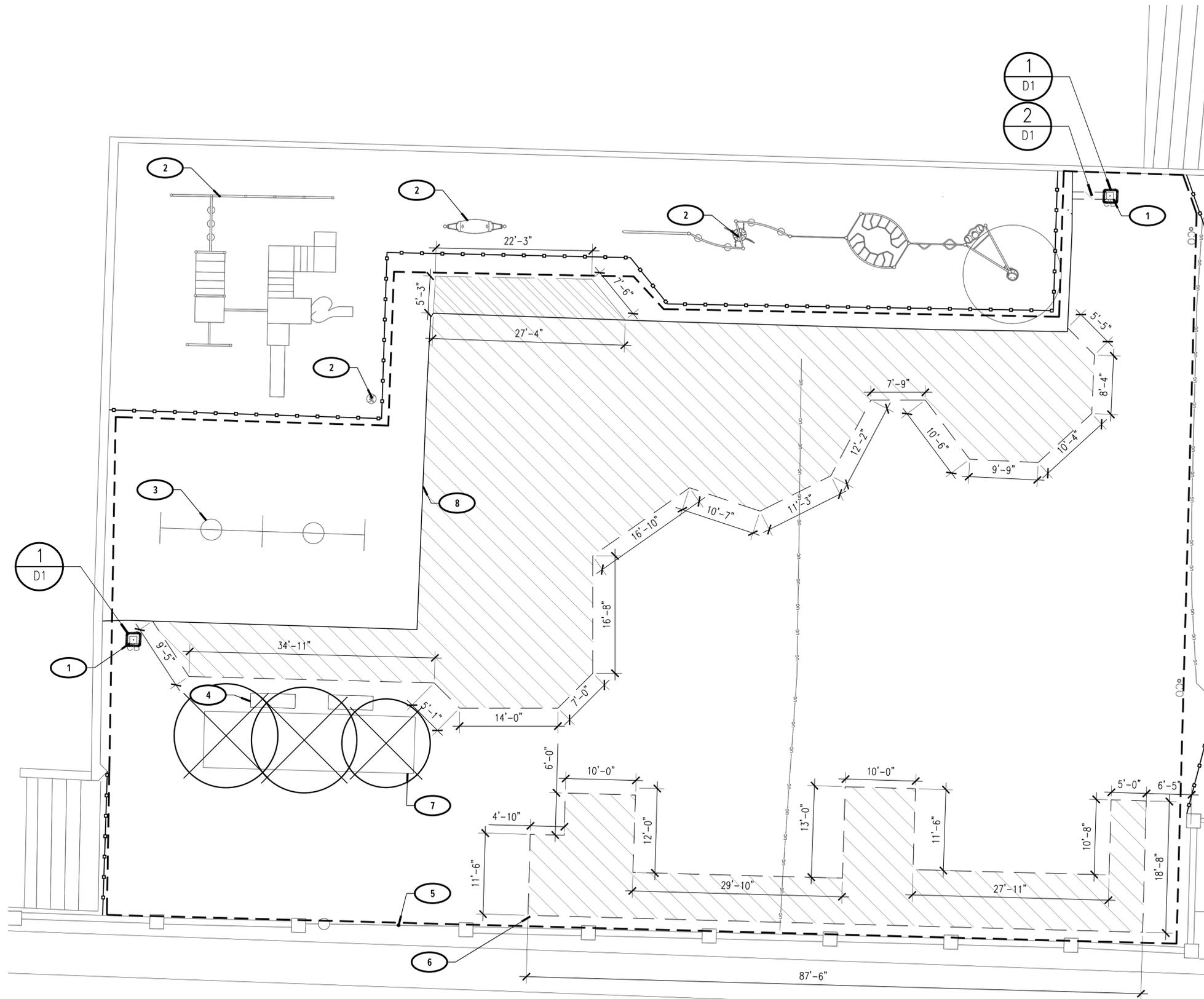
- 1 EXISTING INLET TO REMAIN. PRESERVE AND PROTECT IN PLACE. ALL EXISTING UNDERGROUND UTILITIES TO REMAIN. PRESERVE AND PROTECT IN PLACE.
- 2 EXISTING PLAY EQUIPMENT TO REMAIN. PROTECT IN PLACE
- 3 REMOVE EXISTING TIRE SWINGS AND FOOTINGS
- 4 EXISTING BENCHES TO REMAIN. PRESERVE AND PROTECT IN PLACE.
- 5 SITE ACCESS
- 6 OFFSET BETWEEN BOTTOM OF WALL AND CUTLINE IS 2'-0"
- 7 PROTECT SURROUNDING ASPHALT WHEN REMOVING EXISTING TREES
- 8 EDGE OF EXISTING ASPHALT

LEGEND

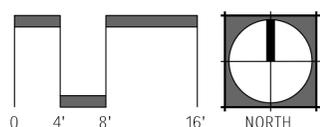
	TREE REMOVAL	3 QTY
	TEMPORARY CONSTRUCTION FENCE	243 LF
	ASPHALT AND SAWCUT LINE	446 LF
	ASPHALT AND CONCRETE REMOVAL	3962 SF
	CONCRETE REMOVAL	135 SF
	LIMIT OF WORK	

GENERAL NOTES

- APPROVAL OF THIS EROSION, SEDIMENT AND POLLUTION CONTROL PLAN (ESPCP) DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION BEST MANAGEMENT PRACTICES [BMPs], OR UTILITIES).
- THE IMPLEMENTATION OF THIS ESPCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESPCP BMPs IS THE RESPONSIBILITY OF THE RESPONSIBLE PARTY UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED PERMANENT STABILIZATION IS ESTABLISHED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE RESPONSIBLE PARTY FOR THE DURATION OF CONSTRUCTION. EXCEEDING THE APPROVED LIMITS OF DISTURBANCE MAY RESULT IN ADDITIONAL PERMITTING REQUIREMENTS, PERMIT REVISIONS, STOP WORK ORDERS, OR OTHER ENFORCEMENT ACTIONS.
- THE ESPCP BMPs SHOWN ON THIS PLAN MUST BE CONSTRUCTED PER CITY STANDARDS AND MADE FUNCTIONAL PRIOR TO GROUND-DISTURBING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS. THE INITIAL CLEARING MUST BE THE MINIMUM REQUIRED TO INSTALL ESPCP BMPs.
- THE ESPCP BMPs SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESPCP BMPs SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS OR SITE CONDITIONS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE. ADDITION AND REMOVAL OF BMPs SHOULD BE DOCUMENTED IN THE DAILY INSPECTION LOG AND, IN CASES OF ESPCP REVISION, ON THE REVISED ESPCP.
- FUELS, OILS, SOLVENTS, HAZARDOUS CHEMICALS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL.
- OFFSITE RELEASE OF FUEL, OILS, SOLVENTS, HAZARDOUS CHEMICALS, SEDIMENT, TRASH, DEBRIS, OR OTHER SUBSTANCES RESULTING FROM CONSTRUCTION ACTIVITIES IS NOT ALLOWED. ALL SPILLS IN EXCESS OF REPORTABLE QUANTITIES SHALL BE REPORTED TO BUREAU OF ENVIRONMENTAL SPILL RESPONSE, 503-823-7180.
- SIGNAGE SHALL BE POSTED ON THE SITE OF THE PERMITTED GROUND-DISTURBING ACTIVITY THAT IDENTIFIES THE CITY'S EROSION CONTROL COMPLAINT HOTLINE NUMBER OR THE RESPONSIBLE CITY PROJECT MANAGER/INSPECTOR.
- BETWEEN OCTOBER 1 AND APRIL 30, ALL DENUDED SITES SHALL BE PROVIDED WITH TEMPORARY SOIL STABILIZATION AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 2 DAYS AFTER GROUND-DISTURBING ACTIVITY OCCURS.
- BETWEEN MAY 1 AND SEPTEMBER 30, TEMPORARY EROSION AND SEDIMENT CONTROL BMPs TO REDUCE DUST AND SEDIMENT TRANSPORT SHALL BE APPLIED AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 DAYS AFTER GROUND-DISTURBING ACTIVITY OCCURS.



SE BELMONT ST



SITE DETAIL KEYNOTES

	DETAIL/ SHEET	SPEC. SECTION
1 PLAY EQUIPMENT AND SURFACING		
1.1 SYNTHETIC TURF	1/D2	321817
1.2 POURED IN PLACE SURFACING	4/D2	321817
1.3 QUANTIS A.2	1/D3	321817
1.4 POWERSCAPE ADA SWING COMBO	2/D3	321817
2 PAVEMENTS, RAMPS, CURBS		
2.1 CONCRETE PAVING, PEDESTRIAN	4/D1	321313
2.2 CONCRETE CURB, FLUSH	3/D1	321600
3 SITE FURNITURE		
3.1 72" METAL BENCH	3 QTY.	5/D2 323300
3.2 92" METAL BENCH	2 QTY.	5/D2 323300
3.3 PICNIC TABLE	2 QTY.	6/D2 323300
3.4 BOULDER SEATING	6 QTY.	7/D2 044000
3.5 LOG BENCH	3 QTY.	2/D2 323300
3.6 LOGS	9 QTY.	8/D1 044000
3.4 BOULDERS	17 QTY.	5/D3 044000
4 DRAINAGE		
4.1 SLOTTED DRAIN PIPE WITH FILTER SOCK	2/D1	334200
4.2 SOLID ABS DRAIN PIPE	2/D1	334200

REFERENCE NOTES

- 1** LEVEL EXISTING WOOD FIBER TO MATCH THE FINISHED ELEVATION OF NEW WOOD FIBER. ADJUST, ADD, OR REMOVE MATERIAL AS NEEDED TO ACHIEVE THE MANUFACTURER-RECOMMENDED DEPTH.

LEGEND

	SYNTHETIC TURF	735 SF
	POURED IN PLACE SURFACING	86 SF
	ENGINEERED WOOD FIBER	26 CY
	CONCRETE	457 SF
	EXPOSED AGGREGATE CONCRETE	318 SF
	SCORE JOINT - DETAIL 5, SHEET D1	

GENERAL NOTES

- CONSTRUCT SMOOTH TRANSITION BETWEEN PAVING IMPROVEMENTS AND EXISTING PAVING TO REMAIN.
- SET TOP OF FLUSH CURBS TO GENERALLY FOLLOW THE EXISTING GRADE OF ADJACENT ASPHALT. ADJUST AS NEEDED TO AVOID CREATING LOW POINTS WHERE WATER COULD POND. MAINTAIN A CONSISTENT AND UNIFORM TOP-OF-CURB ELEVATION TO AVOID NOTICEABLE DIPS OR UNEVEN TRANSITIONS ALONG THE PERIMETER OF PLANTING AREAS.
- CONTRACTOR TO VERIFY FALL ZONES OF NEW EQUIPMENT IS 6' OR GREATER FROM EXISTING PLAY

SHEET DESCRIPTION:
MATERIALS PLAN

SUBMITTAL:
100% CONSTRUCTION DOCUMENT

PROJECT:
**GLENCOE ELEMENTARY
SCHOOL YARD RETROFIT**

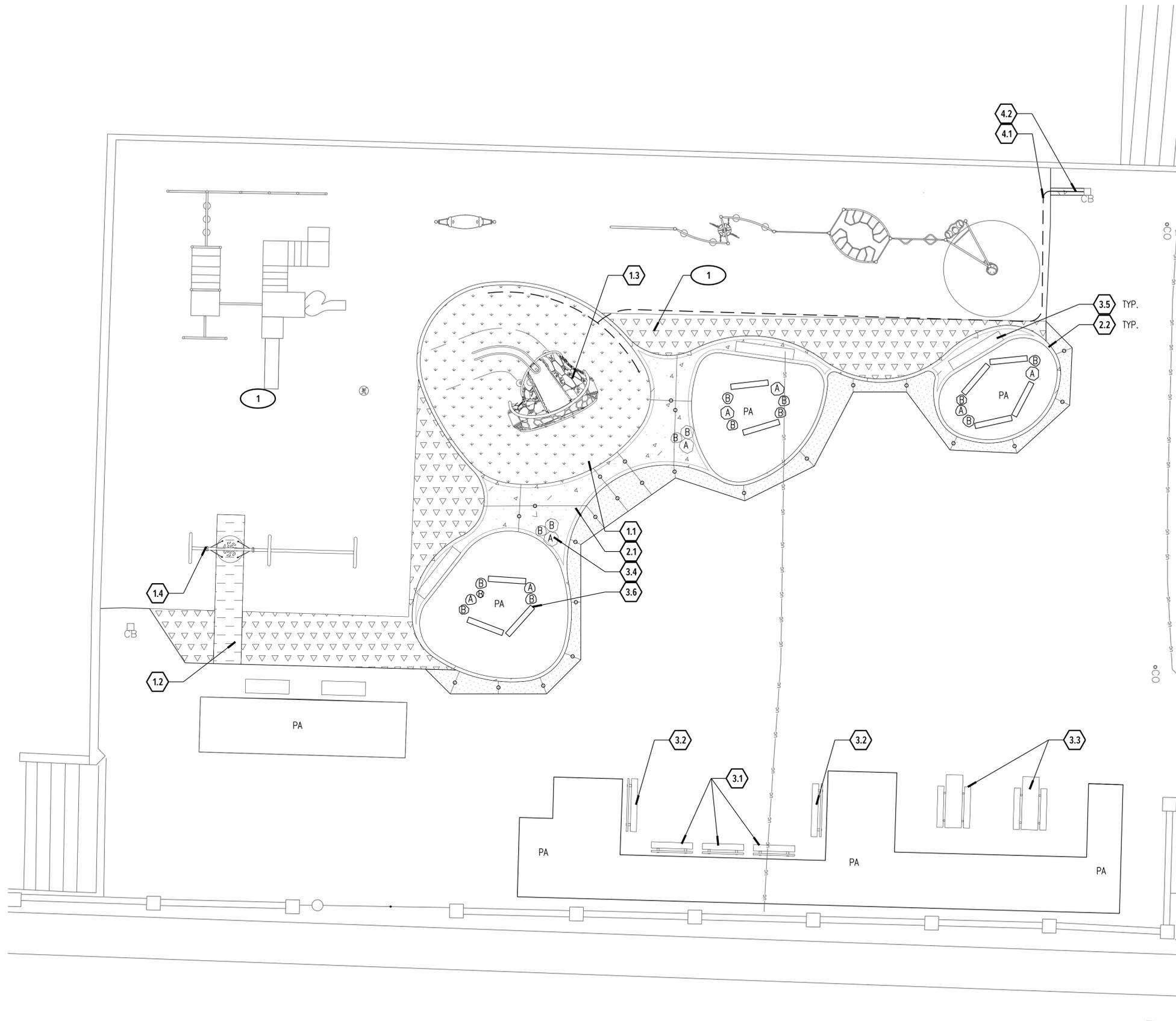
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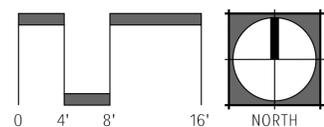
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Date: **02.17.2026**
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SE BELMONT ST



No.	Revision	Date

L2

ABBREVIATIONS

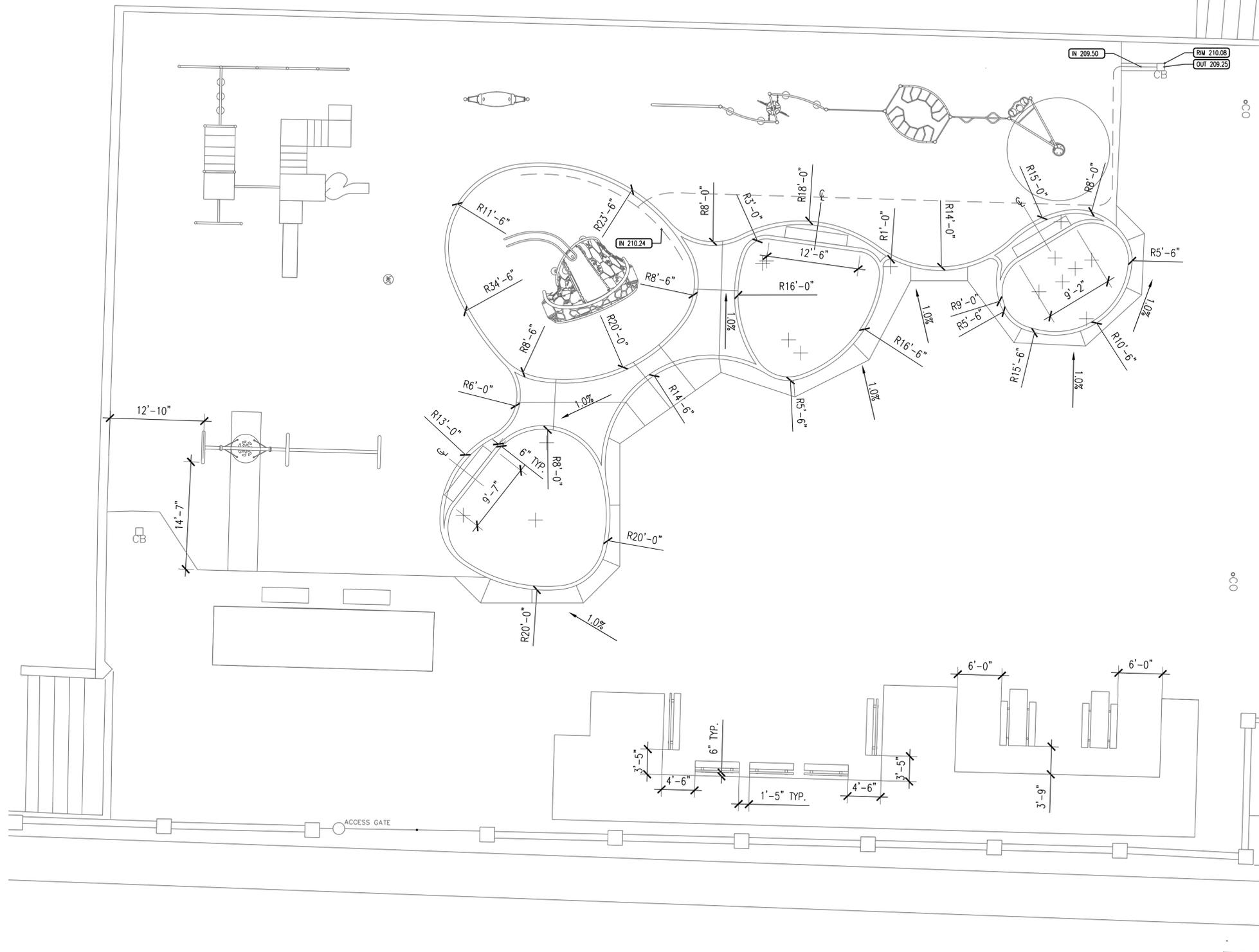
CURVE INFORMATION:
EP = END POINT
PB = POINT OF BEGINNING
PT = POINT OF TANGENCY
RC = POINT OF REVERSE CURVE
CC = POINT OF COMPOUND CURVE
CL = CENTER LINE

LEGEND

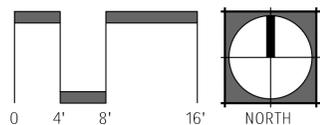
- 9'-9 1/2" DIMENSION
- ALIGN
- R4'-0" RADIUS DIMENSION
- 151° ANGLE DIMENSION
- PATH CENTERLINE
- 1.0% SLOPE ARROW

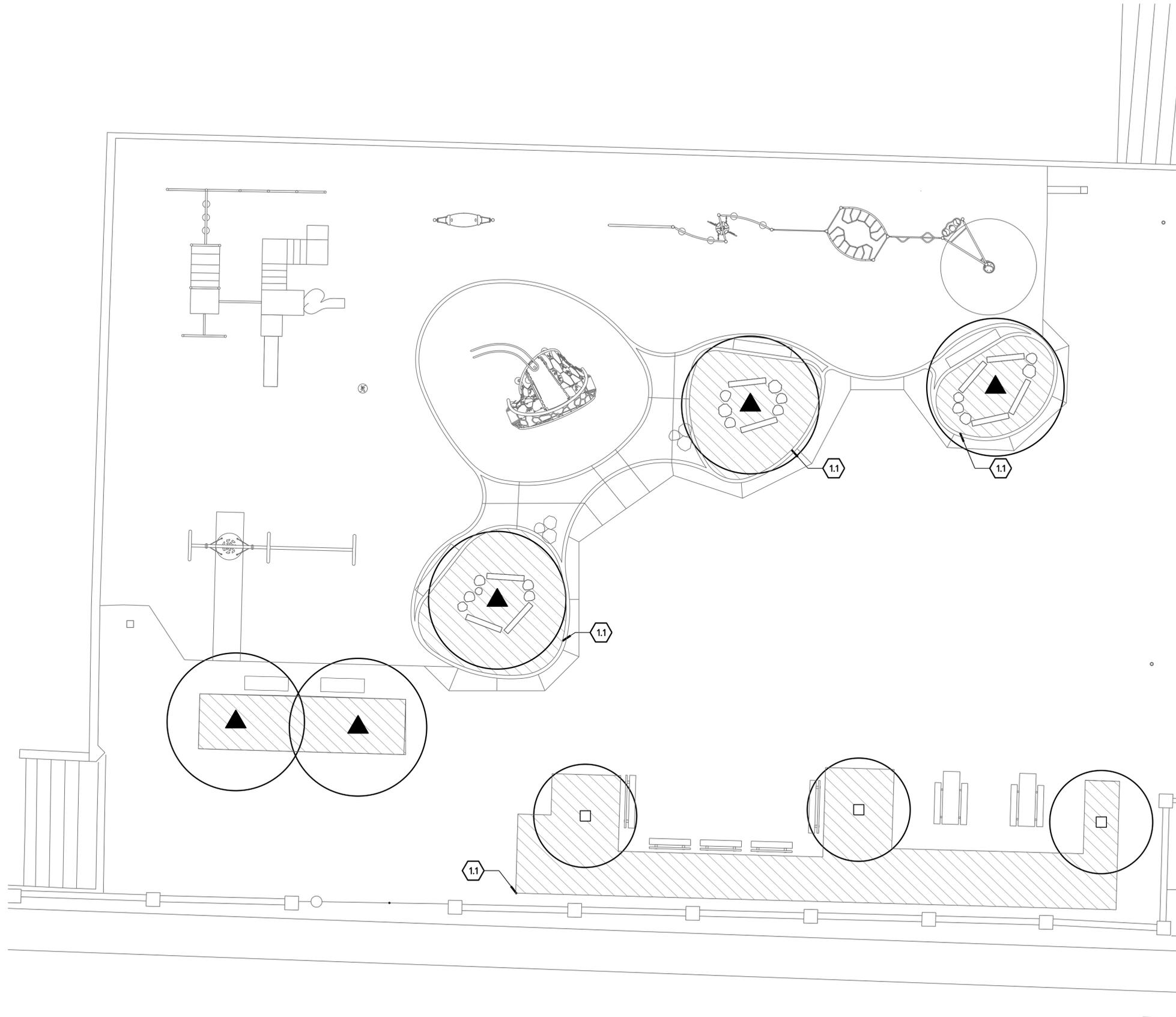
GENERAL NOTES

- DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY DIMENSIONED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN FIELD, CONTACT OWNER'S REPRESENTATIVE FOR RESOLUTION.
- ALL DIMENSIONS ARE FROM OUTSIDE OF BUILDINGS, PAVING, WALLS, CURBS, ETC.
- ALL CURVED WALLS AND WALKS SHALL HAVE SMOOTH, CONTINUOUS CURVES AS INDICATED.
- CONTRACTOR TO STAKE PAVING AND HAVE OWNER'S REPRESENTATIVE APPROVE STAKING PRIOR TO INSTALLING FORMWORK.
- OWNER'S REPRESENTATIVE TO APPROVE FORMWORK FOR PATHS PRIOR TO CONTRACTOR PLACING CONCRETE.
- CONTRACTOR TO REPORT LAYOUT DISCREPANCIES TO OWNER'S REP PRIOR TO PLACING FORMWORK.



SE BELMONT ST

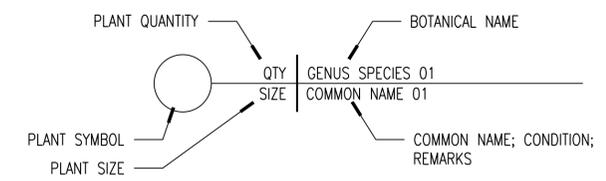




SITE DETAIL KEYNOTES

KEYNOTE	DETAIL/SHEET	SPEC. SECTION
1 SITE FURNITURE		
1.1 ROOT BARRIER	4/D3	323300

LEGEND KEY



PLANT LEGEND

TREES

5	Zelkova serrata 'Village Green'
2" CAL	JAPANESE ZELKOVA
4	Ginkgo biloba 'Saratoga'
2" CAL	MAIDENHAIR TREE

GROUND COVER

MULCH	1,984 SF
-------	----------

GENERAL NOTES

- CONTRACTOR SHALL PROVIDE TOPSOIL, SOIL AMENDMENTS, AND MULCH AS SPECIFIED.
- ALL TREES SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS PROVIDED AS PART OF THE CONSTRUCTION DOCUMENT PACKAGE.
- QUANTITIES ARE LISTED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL COUNTS MUST BE VERIFIED BY THE CONTRACTOR IN THE CASE OF A DISCREPANCY BETWEEN THE LEGEND AND THE PLAN, PLANTS INDICATED ON THE PLAN SHALL SUPERCEDE QUANTITIES LISTED IN THE LEGEND.
- CONTRACTOR TO INSTALL ROOT BARRIER AROUND PERIMETER OF ALL PLANTING AREAS.



5200 S MACADAM AVE, SUITE 210
PORTLAND, OR 97239
(503) 715-5453

Estuary Partnership
400 NE 11th Ave
Portland, OR 97232

Glencoe Stormwater Retrofit
825 SE 51st Ave
Portland, OR 97215



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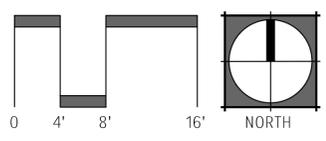
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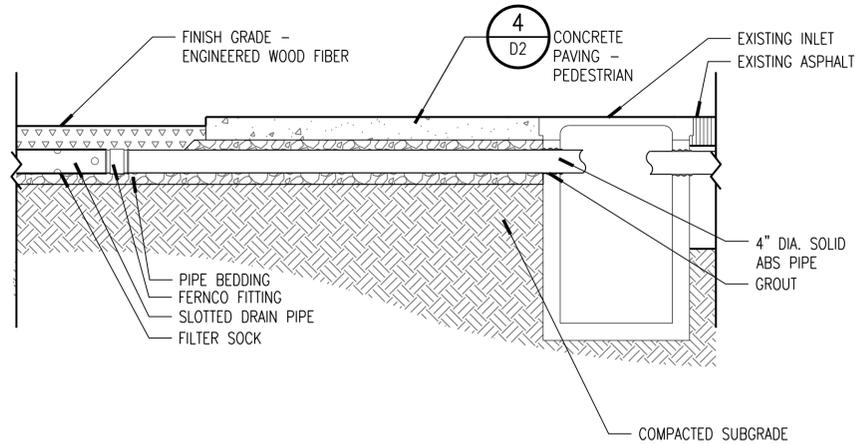
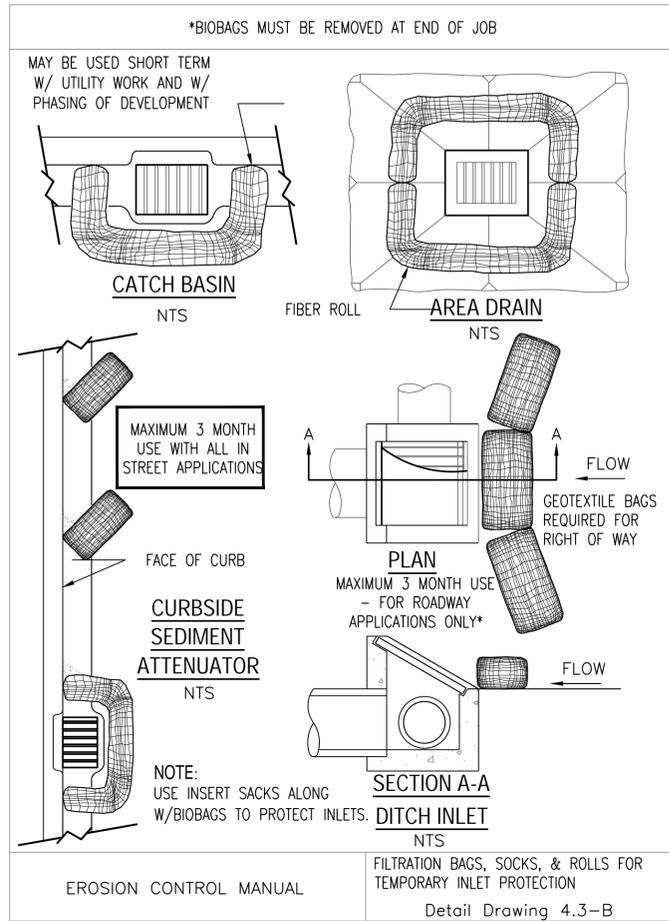
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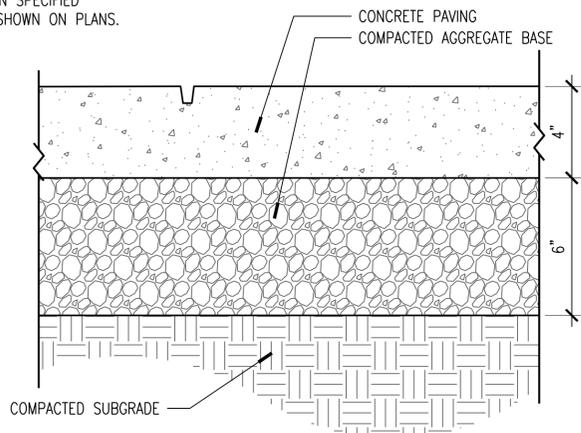
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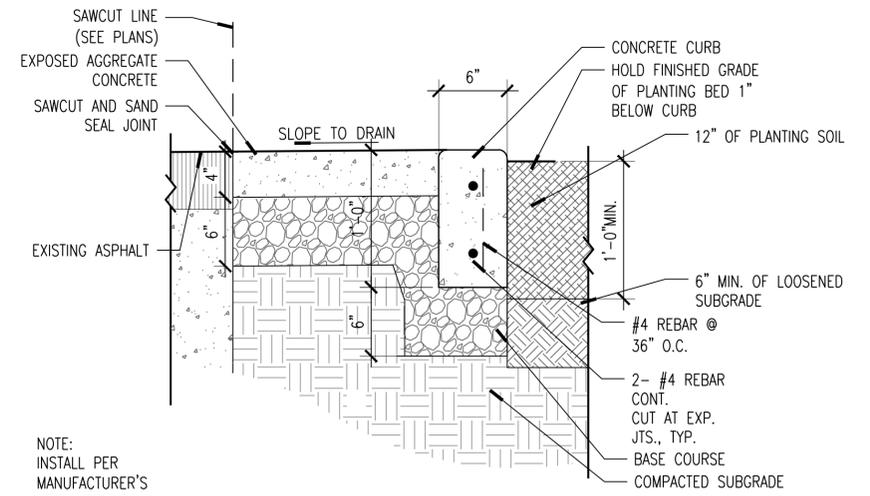


2 INLET CONNECTION
Section
0 4" 8" 16"

NOTE:
EXPOSED AGGREGATE FINISH IN SPECIFIED AREAS SHOWN ON PLANS.



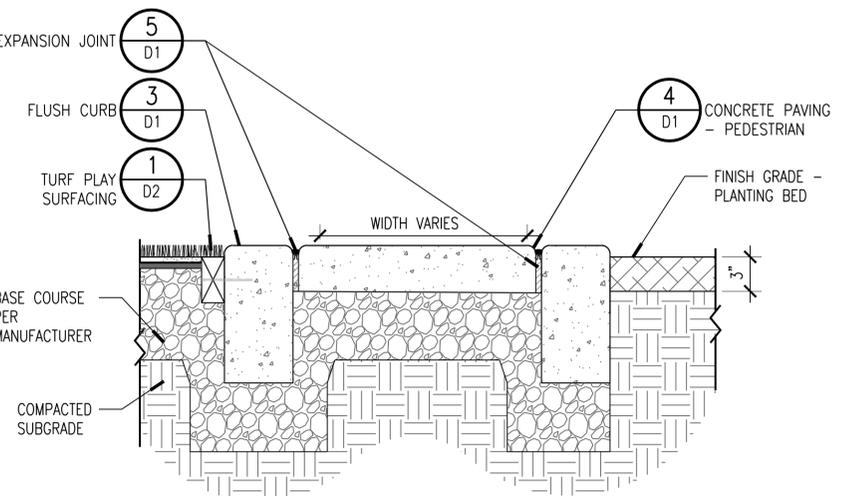
4 CONCRETE PAVING
Section
0 1" 2" 4"
000000_00



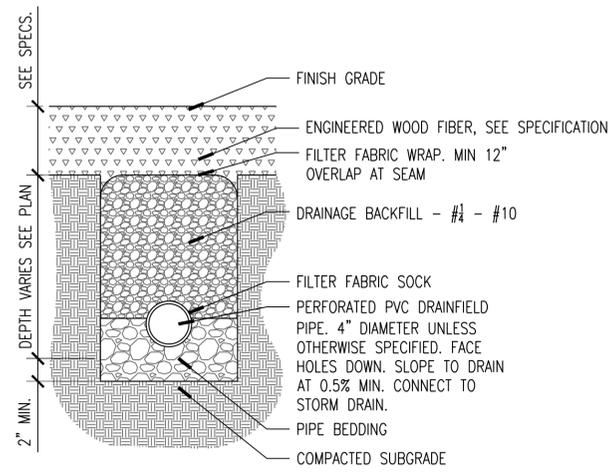
3 FLUSH CURB
Section
0 2" 4" 8"

NOTE:
INSTALL PER MANUFACTURER'S RECOMMENDATIONS

1 FILTRATION BAGS, SOCKS AND ROLLS
Section
0 3" 6" 12"
312500_01_Inlet Protection



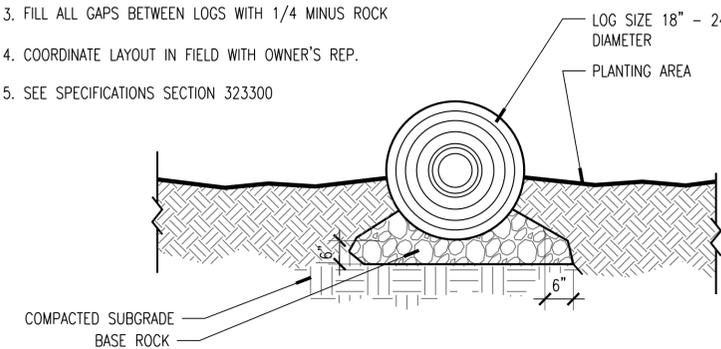
6 CONCRETE CURBS AND PAVING
Section
0 2" 4" 8"
000000_00



7 SUB-SURFACE FIELD DRAIN
Section
0 2" 4" 8"
000000_00

NOTES:
1. BURY A MIN. OF 1/3 OF OVERALL MASS OF LOGS BELOW GRADE. LOGS MUST REST IN STABLE POSITION FULLY SUPPORTING ITS OWN WEIGHT. SUBGRADE AND SURROUNDING SOIL MUST BE STABLE AND CAPABLE OF SUPPORTING LOGS WITHOUT SETTLING. LOGS MUST BE SECURE.

- GROUP LOGS AS SHOWN ON PLANS
- FILL ALL GAPS BETWEEN LOGS WITH 1/4 MINUS ROCK
- COORDINATE LAYOUT IN FIELD WITH OWNER'S REP.
- SEE SPECIFICATIONS SECTION 323300



8 LOGS
Section
0 6" 12" 24"
044000_Boulder

Revisions		
No.	Revision	Date

D2

Scale: **NTS**
Date: **02.17.2026**
Drawn by: **CL**
Checked by: **DE**
Sheet **8** of **9**

ForeverLawn®

FOREVERLAWN
8007 BEESON ST.
LOUISVILLE, OH 44641
PHONE: (866) 992-7876
FAX: (330) 249-2170
www.foreverlawn.com

1" STAPLES - ONE INCH LONG 1/4" CROWN GALVANIZED STAPLES PLACED WITHIN AN INCH OF CONCRETE, SPACED 3" APART

GROUND CONTACT TREATED LUMBER OR COMPOSITE NAILER BOARD - TYPICALLY 2X4 SET 1/2" TO 3/4" BELOW CONCRETE SURFACE, AND SECURED WITH CONCRETE FASTENERS EVERY TWO FEET.

PLAYGROUND GRASS™ SYNTHETIC TURF

INFILL - AS REQUIRED OR RECOMMENDED

1" SAFETYFOAM PRO™

BACKING - UNIQUE PROPRIETARY, MULTI-LAYERED, PREMIUM BACKING SYSTEM WITH MICROMECHANICAL SEAMING TECHNOLOGY.

3" OF 3/4" AND SMALLER ANGULAR STONE

EXISTING RUBBER MULCH - 4" OF NEW OR EXISTING LOOSE RUBBER

CONCRETE

CONCRETE ANCHOR

PERSPECTIVE

NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWING.
- THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
- ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
- CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 1148-199

PLAYGROUND GRASS™ SYSTEM
PLAYGROUND TURF: PLAYGROUND GRASS™ SYSTEM - 12' FALL HEIGHT OVER RUBBER MULCH

1148-199 REVISION DATE 17/04/2023
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1 TURF PLAY SURFACING

Section

000000_00

5 LANDSCAPE STRUCTURES BENCH

Section

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- NOTES:**
- SELECT LOGS THAT MEET HEIGHT AND LENGTH REQUIRED NOTED.
 - LOGS SHALL BE PREPPED OFF SITE PRIOR TO DELIVERY. LOGS SHALL BE STRIPPED OF BARK AND FINISH SANDED TO 60 GRIT. REMOVE ALL SHARP EDGES AND LOOSE MATERIAL. PROVIDE 1 COAT MINIMUM OF FINISH SEALER.
 - LOGS TO PROVIDE FLAT LEVEL SEATING SURFACE. ENSURE BENCH IS SECURE AND STABLE AFTER INSTALLATION.
 - AFTER INSTALLATION, PROVIDE TOUCH UP SANDING, AS REQUIRED, AND SECOND FINISH COAT OF SEALER.

2 LOG BENCH

Section

323300_01_Log Bench

NOTES:

- BRACKET MATERIAL TO BE COLD ROLLED 3/16" STEEL.
- ALL HOLES TO BE PRE-DRILLED PRIOR TO GALVANIZING.
- PLATES AND BOLTS TO BE HOT DIPPED GALVANIZED, TYP.

3 LOG BENCH BRACKET

Section

3 LOG BENCH BRACKET

Section

4 POURED - IN - PLACE SURFACING

Section

321200_01

4 POURED - IN - PLACE SURFACING

Section

NOTES:

- BURY A MIN. OF 1/3 OF OVERALL MASS OF BOULDER BELOW GRADE. BOULDER MUST REST IN STABLE POSITION FULLY SUPPORTING ITS OWN WEIGHT. SUBGRADE AND SURROUNDING SOIL MUST BE STABLE AND CAPABLE OF SUPPORTING BOULDERS WITHOUT SETTLING. BOULDERS MUST BE SECURE.
- GROUP BOULDERS AS SHOWN ON PLANS
- FILL ALL GAPS BETWEEN BOULDERS WITH 1/4 MINUS ROCK.
- BOULDER TO BE PLACED TO PREVENT PONDING WATER.
- COORDINATE LAYOUT IN FIELD WITH OWNER'S REP.

8 BOULDER SEATING

Section

044000_01_Boulders

8 BOULDER SEATING

Section

6 LANDSCAPE STRUCTURES PICNIC TABLE

Section

000000

6 LANDSCAPE STRUCTURES PICNIC TABLE

Section

141683 TENDERTUFF 92" BENCH W/BACK

141683 TENDERTUFF 72" BENCH W/BACK

141684 92" TENDERTUFF PICNIC TABLE (DIRECT BURY)

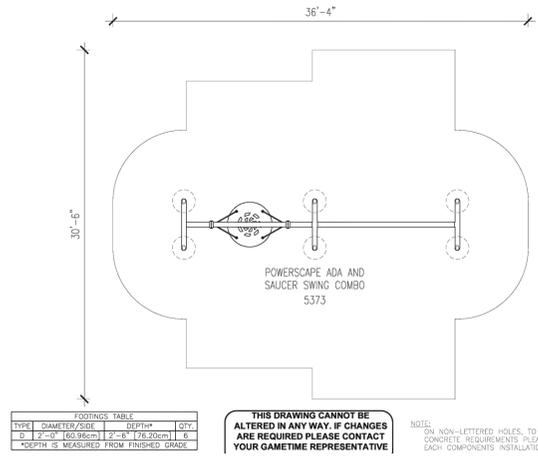
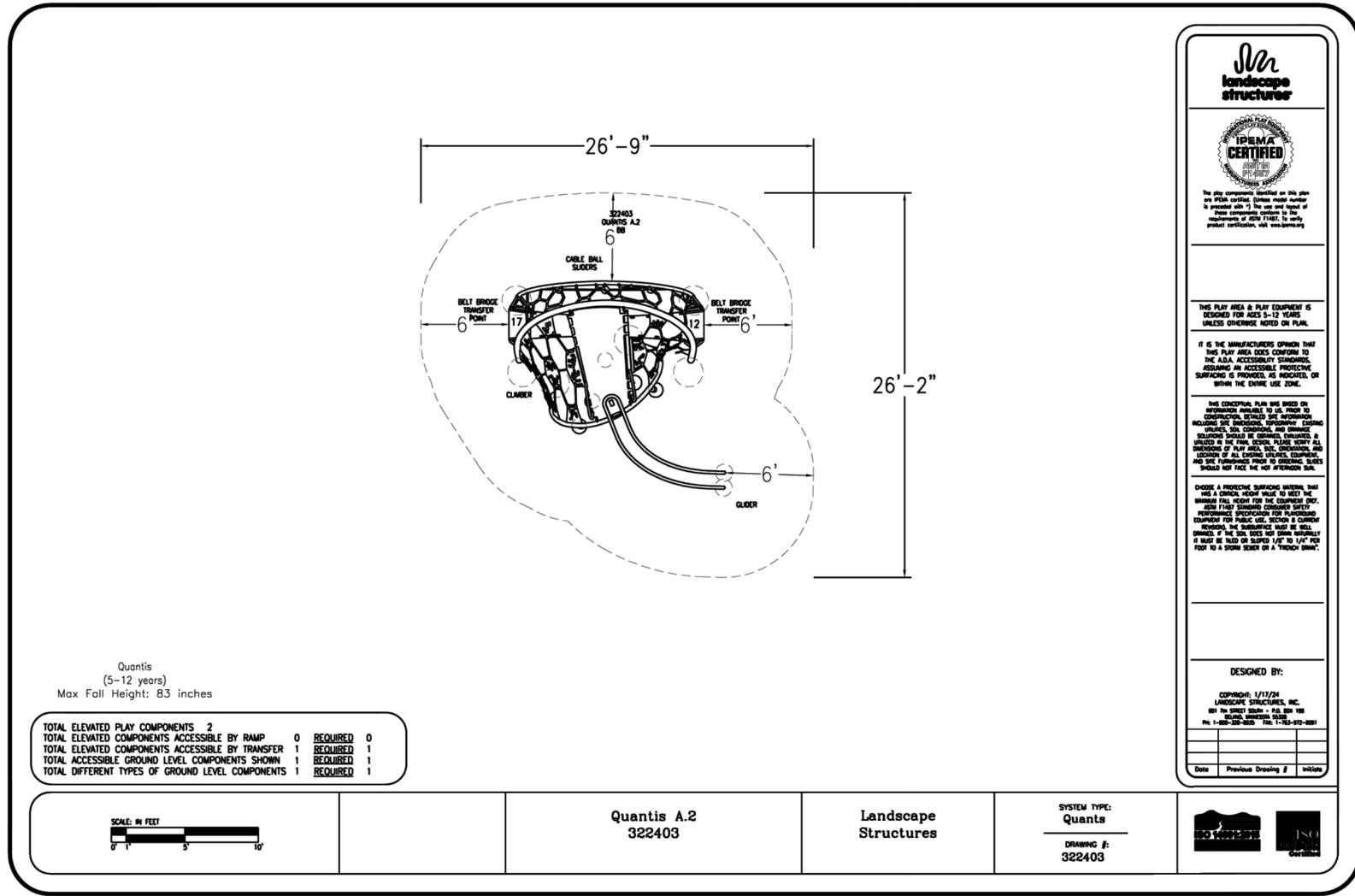
Freestanding Play (2-12 years) Max Fall Height: 0 inches

141683	Landscape Structures	SYSTEM TYPE: Freestanding
DRAWING #: 8014		

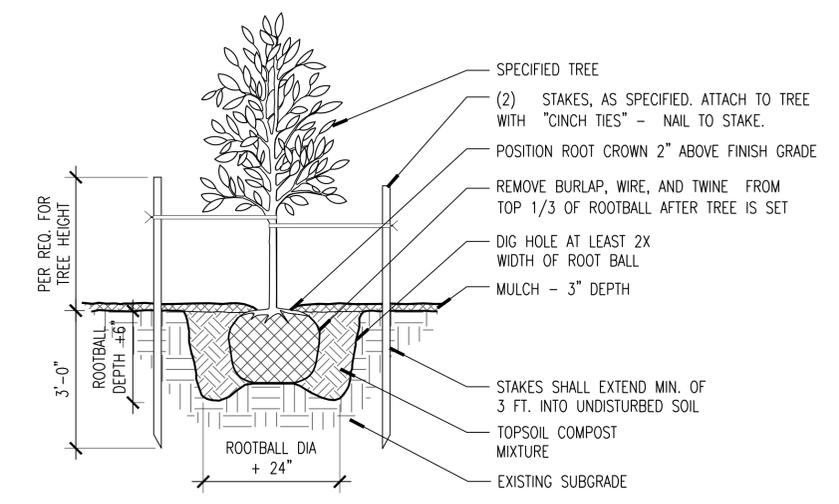
5 LANDSCAPE STRUCTURES BENCH

Section

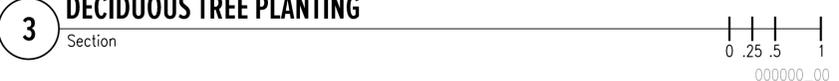
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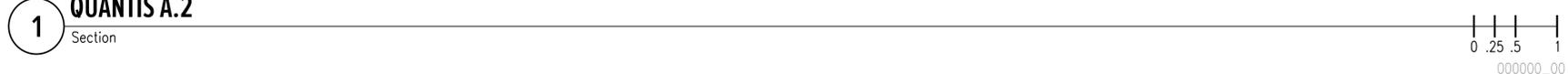
2 POWERSCAPE ADA SWING COMBO



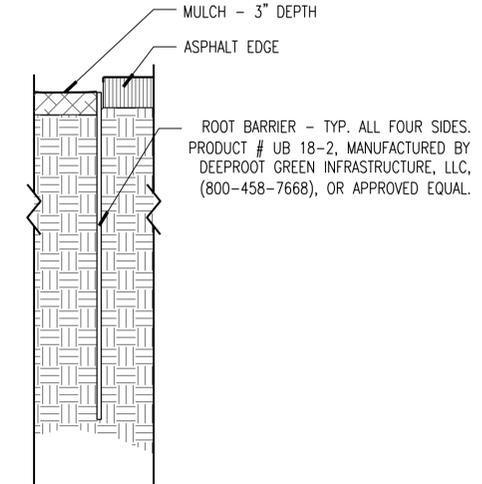
3 DECIDUOUS TREE PLANTING



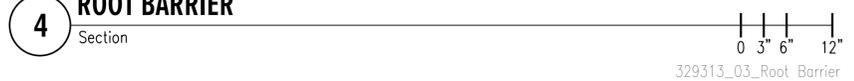
1 QUANTIS A.2



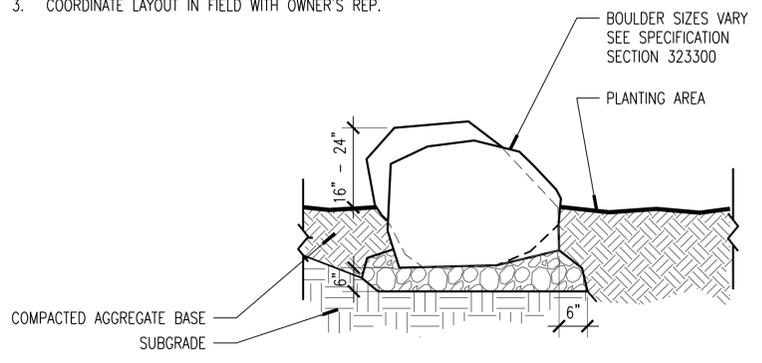
- NOTES:
- 1) ROOT BARRIER SHALL BE PLACED IN THE TREE WELL ALONGSIDE THE ASPHALT CUT LINE AND NEW CONCRETE EDGE AS INDICATED ON THE DRAWINGS.
 - 2) BARRIER SHALL BE A CONTINUOUS LENGTH AND SHALL EXTEND FROM 1/2" BELOW FINISH GRADE DOWNWARD TO A MINIMUM DEPTH OF 18".
 - 3) PANEL GROUND LOCKING ANTI LIFT PADS SHALL BE FACING INWARD, AWAY FROM WALK, CURB OR WALL.
 - 4) ALL PANEL CONNECTIONS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.



4 ROOT BARRIER



- NOTES:
1. BURY A MIN. OF 1/3 OF OVERALL MASS OF BOULDER BELOW GRADE. BOULDER MUST REST IN STABLE POSITION FULLY SUPPORTING ITS OWN WEIGHT. SUBGRADE AND SURROUNDING SOIL MUST BE STABLE AND CAPABLE OF SUPPORTING BOULDERS WITHOUT SETTLING. BOULDERS MUST BE SECURE.
 2. GROUP BOULDERS AS SHOWN ON PLANS
 3. COORDINATE LAYOUT IN FIELD WITH OWNER'S REP.



5 BOULDERS



SHEET DESCRIPTION:
CONSTRUCTION DETAILS

SUBMITTAL:
100% CONSTRUCTION DOCUMENT

PROJECT:
GLENCOE ELEMENTARY SCHOOLYARD RETROFIT

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Revisions

No.	Revision	Date

D3

Scale: **NTS**
Date: **02.17.2026**
Drawn by: **CL**
Checked by: **DE**
Sheet **9** of **9**