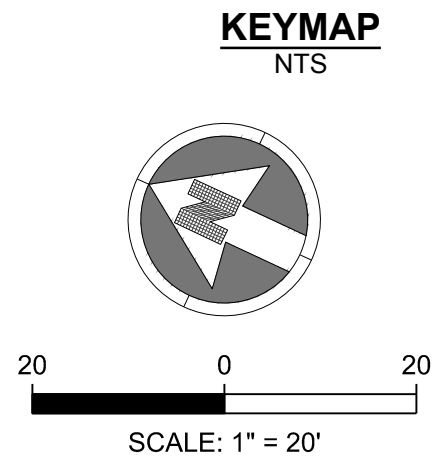
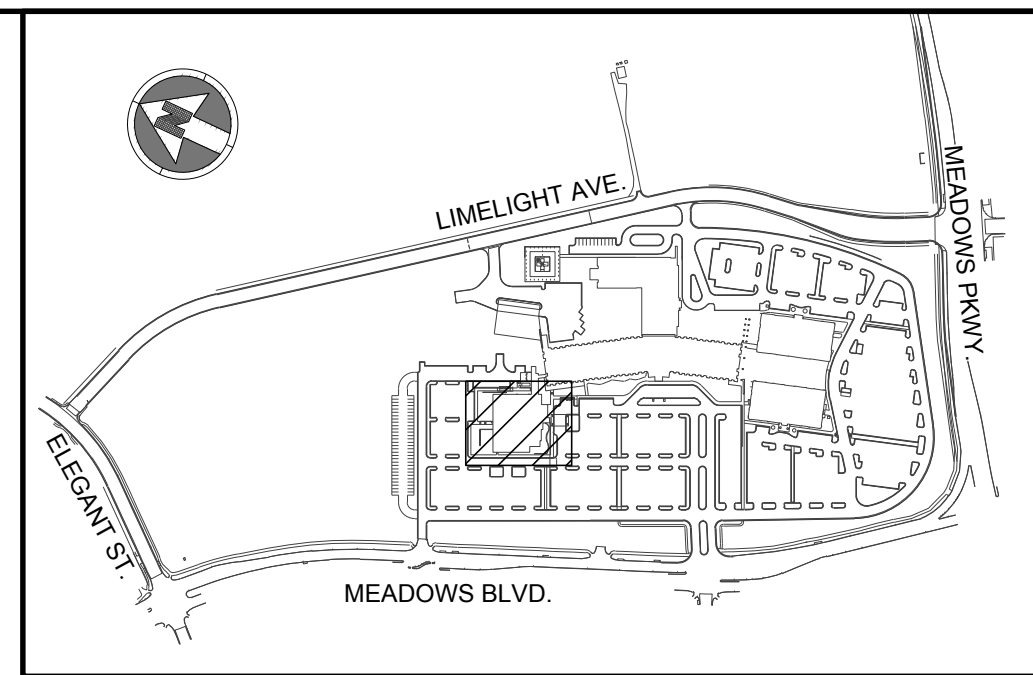




- NOTES:
- EXTERIOR SCOPE IS MINIMAL. THE EXPANSION WAS GENERALLY PLANNED FOR IN THE ORIGINAL BUILDING DESIGN.
 - PORTION OF EXISTING LINACC RETAINING WALL TO BE DEMOLISHED.

LEGEND:

—	PROPERTY LINE
—◆—	SECTION LINE
—	RIGHT OF WAY LINE
---	EXISTING CURB AND GUTTER
---	EXISTING SIDEWALK
---	EXISTING WALL
-x-x-	EXISTING FENCE
- - -	EXISTING EASEMENT
○	EXISTING SIGN
⊙	EXISTING LIGHT
⊙	EXISTING FIRE HYDRANT
☼	EXISTING TREE

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DATE	10/18/2024
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PROJECT: **ADVENTHEALTH CAST ROCK CANCER CENTER
2350 MEADOWS BLVD., CASTLE ROCK, CO 80109**

DRAWING TITLE: **GARDEN LEVEL - SITE PLAN**

FILE PATH: J:\Jobs\24026 advr cancer center\05 CAD\Plans and Details\021-SITE-PLAN.dwg C021 - 10/17/2024

I HEREBY AFFIRM THAT THESE FINAL CONSTRUCTION PLANS WERE PREPARED UNDER MY DIRECT SUPERVISION, IN ACCORDANCE WITH ALL APPLICABLE TOWN OF CASTLE ROCK AND STATE OF COLORADO STANDARDS AND STATUTES, RESPECTIVELY; AND THAT I AM FULLY RESPONSIBLE FOR ALL DESIGN AND REVISIONS RELATIVE TO SAID PLANS.

JASON DEAN CARR, PE
CO# 33854

TOWN OF CASTLE ROCK APPROVAL
PLANS ARE HEREBY APPROVED FOR ONE YEAR FROM DATE OF DEVELOPMENT SERVICES APPROVAL

APPROVED BY:

DEVELOPMENT SERVICES DATE

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DESIGNED BY: RJH
DRAWN BY: RJH
CHECKED BY: JDC
MIRO JOB NO. 24-026

DRAWING NUMBER:

C0.2.1

CASTLE ROCK HOSPITAL CANCER CENTER BUILD OUT

2350 Meadows Blvd
Castle Rock, CO 80109

SMITHGROUP

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SUITE 508
DENVER, CO 80203
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ISSUED FOR: DATE:

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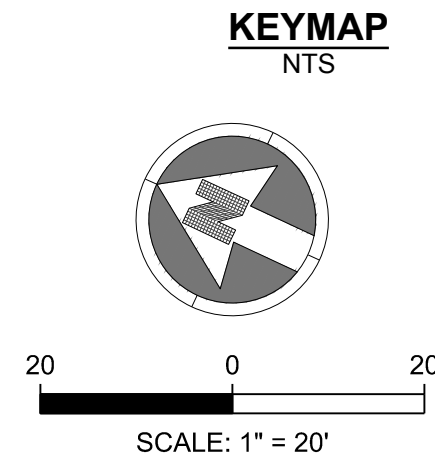
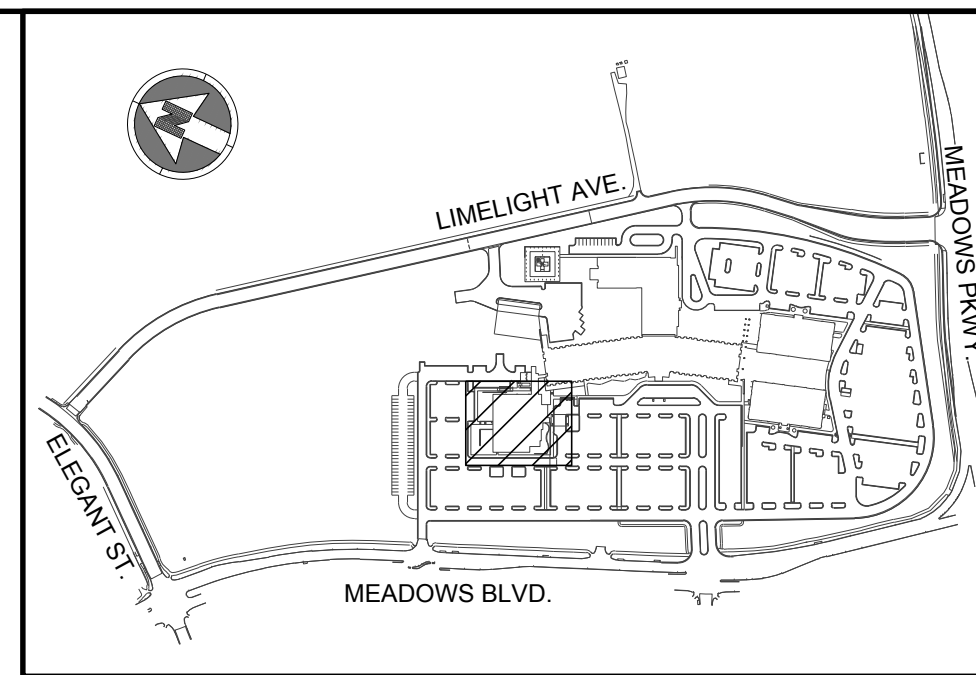
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SHEET TITLE
**GARDEN LEVEL -
SITE PLAN**

PROJECT NUMBER 15159.00

C0.2.1

SHEET NUMBER



NOTES:
1. EXTERIOR SCOPE IS MINIMAL. THE EXPANSION WAS GENERALLY PLANNED FOR IN THE ORIGINAL BUILDING DESIGN.

UTILITY TO BE REMOVED	
CURB AND GUTTER REMOVAL	
CONCRETE SIDEWALK REMOVAL	
ASPHALT PAVEMENT REMOVAL	
SAWCUT LINE	
UTILITY TO BE ABANDONED	
RELOCATE TREE	

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PROJECT: **ADVENTHEALTH CAST ROCK CANCER CENTER
2350 MEADOWS BLVD., CASTLE ROCK, CO 80109**

DRAWING TITLE: **GARDEN LEVEL - DEMOLITION PLAN**

FILE PATH: J:\Jobs\24026 advr cancer center\05 CAD\Plans and Details\C111-DEMOL-PLAN.dwg C111 - 10/17/2024

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JASON DEAN CARR, PE
CO# 33854

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DRAWN BY: RJH

CHECKED BY: JDC

MIRO JOB NO. 24-026

DRAWING NUMBER:

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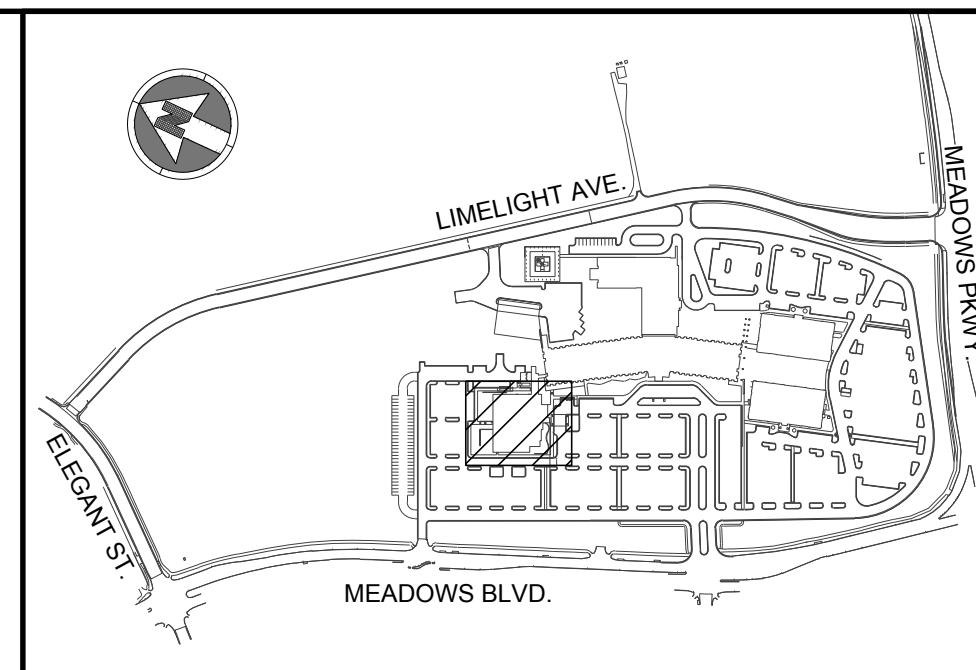
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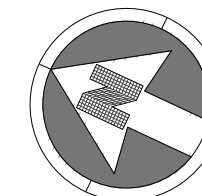
SHEET TITLE
**GARDEN LEVEL -
DEMOLITION PLAN**

PROJECT NUMBER 15159.00

SHEET NUMBER **C1.1.1**



KEYMAP
NTS



20 0 20
SCALE: 1" = 20'

NOTES:

1. SITE GRADING (EXCAVATION, EMBANKMENTS, AND COMPACTION) SHALL CONFORM TO THE RECOMMENDATIONS OF THE LATEST GEOTECHNICAL REPORT FOR THIS PROPERTY.
2. SPOT ELEVATIONS ARE TO FLOWLINE UNLESS NOTED OTHERWISE.
3. MAXIMUM TEMPORARY SLOPES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND IN COMPLIANCE WITH OSHA REQUIREMENTS.

LEGEND:

5343	EXISTING MINOR CONTOURS
5345	EXISTING MAJOR CONTOURS
43.50	EXISTING SPOT ELEVATION
5343	PROPOSED MINOR CONTOURS
5345	PROPOSED MAJOR CONTOURS
43.50	PROPOSED SPOT ELEVATION
EX SD	EXISTING STORM LINE
EXISTING STORM INLET	
D	EXISTING STORM MANHOLE
SD	PROPOSED STORM LINE
PROPOSED STORM INLET	
D	PROPOSED STORM MANHOLE

ABBREVIATIONS:

ELEV.	ELEVATION
EX	EXISTING
FG	FINISHED GRADE
FS	FINISHED SURFACE
FL	FLOWLINE
GB	GRADE BREAK
HP	HIGH POINT
INV.	INVERT
LP	LOW POINT
MH	MANHOLE
PC	POINT OF CURVATURE
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RL	RIDGE LINE
ROW	RIGHT OF WAY
SD	STORM DRAINAGE SEWER
STRM	STORM SEWER
TW	TOP OF WALL @ FINISHED GRADE
TYP.	TYPICAL

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2350 MEADOWS BLVD., CASTLE ROCK, CO 80109**

DRAWING TITLE: **GARDEN LEVEL - GRADING PLAN**

FILE PATH: J:\Jobs\24026 advr cancer center\05 CAD\Plans and Details\C2.1-CRAD-PLAN.dwg C2.1 - 10/17/2024

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MIRO JOB NO. 24-026

DRAWING NUMBER:

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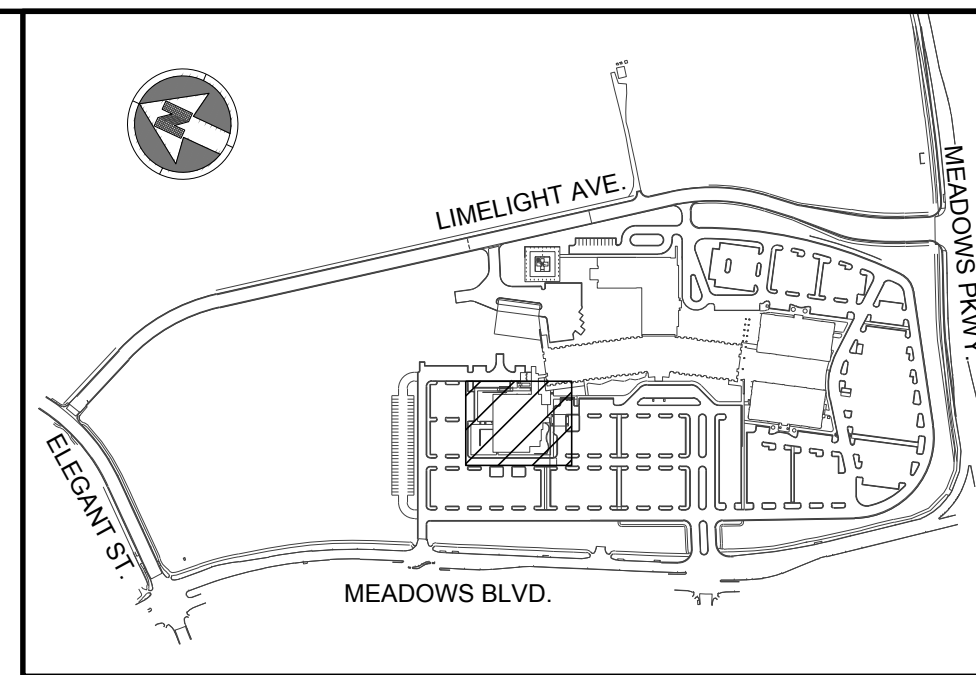
SHEET TITLE

GARDEN LEVEL -
GRADING PLAN

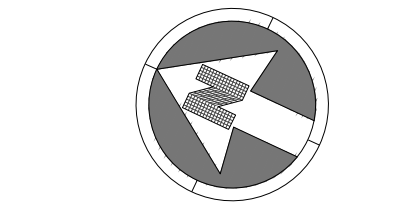
PROJECT NUMBER 15159.00

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SHEET NUMBER



KEYMAP
NTS



SCALE: 1" = 20'

NOTES:

- EXISTING 8" PVC STORM SEWER AND AREA DRAIN WITHIN RESERVED LINAGC TO BE CUT AND USED AS ROOF DRAIN CONNECTION FOR BUILDING
- SANITARY SERVICE WILL BE ROUTED INTERNALLY TO THE EXISTING SERVICE LINE(S)
- DOMESTIC WATER AND FIRE SPRINKLER SERVICES WILL BE ROUTED INTERNALLY TO THE EXISTING SERVICE LINES
- EXISTING FIRE HYDRANT MAY NEED TO BE REMOVED OR RELOCATED. DEPENDENT ON FINAL BUILDING FOOTPRINT.

LEGEND:

---	EX E	EXISTING ELECTRICAL LINE
---	EX FO	EXISTING FIBER OPTIC LINE
---	EX G	EXISTING GAS LINE
---	EX T	EXISTING TELEPHONE LINE
---	EX SS	EXISTING SANITARY LINE
---	EX SD	EXISTING STORM LINE
---	EX W	EXISTING WATER LINE
---	---	EXISTING EASEMENT
	---	EXISTING STORM INLET
	---	EXISTING CLEANOUT
	---	EXISTING FIRE HYDRANT
	---	EXISTING WATER VALVE
	---	EXISTING MANHOLES

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CO# 33854

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PROJECT:
**ADVENTHEALTH CAST ROCK CANCER CENTER
2350 MEADOWS BLVD., CASTLE ROCK, CO 80109**

DRAWING TITLE:
GARDEN LEVEL - UTILITY PLAN

FILE PATH: J:\Jobs\24026 and/or cancer center\05 CAD\Plans and Details\C511-UTL-PLAN.dwg C511 - 10/17/2024

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CHECKED BY: JDC

MIRO JOB NO. 24-026

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SHEET TITLE
**GARDEN LEVEL -
UTILITY PLAN**

PROJECT NUMBER 15159.00

C5.1.1

SHEET NUMBER

GENERAL NOTES (NOT APPROVED BY CITY)

1. THE LANDSCAPE AND GENERAL CONTRACTORS SHALL REVIEW THIS PROJECT WITH THE LANDSCAPE ARCHITECT IN A 'PRECONSTRUCTION MEETING' PRIOR TO STARTING WORK. **THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES REGARDING THESE PLANS PRIOR TO PROCEEDING. ANY CHANGES TO PLANS MUST BE COORDINATED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.**
2. CONSTRUCTION SHALL NOT BEGIN PRIOR TO THE 'PRECONSTRUCTION MEETING' AND WRITTEN AUTHORIZATION TO PROCEED IS ISSUED BY THE OWNER.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND TO CROSSCHECK DETAILS AND DIMENSIONS SHOWN ON THE DRAWINGS WITH RELATED REQUIREMENTS FROM EACH DISCIPLINE. CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO STARTING WORK.
4. IN ALL CASES WHERE A CONFLICT MAY OCCUR, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED AND WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.
5. PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF CONSTRUCTION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND SHALL NOTIFY ALL UTILITY COMPANIES WITH UTILITIES ON THE SITE PRIOR TO THE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS PERTAINING TO THE PROJECT.
7. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO LOCAL CODES.
8. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
9. THE PROJECT 'LIMITS OF CONSTRUCTION' SHALL BE FENCED OFF FROM SURROUNDING VEGETATION. FENCE LOCATIONS TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
10. ALL EXISTING VEGETATION (U.O.N.), WEEDS, DEBRIS, ETC. SHALL BE REMOVED FROM THE PROJECT 'LIMITS OF CONSTRUCTION' AND PROPERLY DISPOSED OF OFFSITE AT THE CONTRACTOR'S EXPENSE.
11. UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:
- 11.1. DAMAGES TO UTILITIES CAUSED AS A RESULT OF CONSTRUCTION
- 11.2. DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.
- 11.3. INSPECTION OF THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING THE BID
- 11.4. SITE SECURITY UNTIL PROJECT ACCEPTANCE
12. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE DRAWINGS.
13. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.
14. DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE.
15. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT.
16. CONTRACTOR SHALL REFERENCE CIVIL ENGINEERING DRAWINGS FOR GRADING AND DRAINAGE FLOWS AND SHALL BE RESPONSIBLE FOR MAINTAINING THESE FLOWS FREE OF OBSTRUCTIONS.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS AT THE DIRECTION OF THE LANDSCAPE ARCHITECT TO CREATE A NATURALLY UNDLATING GROUND PLANE.
18. SLEEVES, VARIATIONS IN THE SLAB ELEVATIONS, DEPRESSED AREAS, AND ALL OTHER DRAWINGS REQUIREMENTS FROM EACH DISCIPLINE MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.
19. REFER TO AND COORDINATE WITH OTHER DICLIPINES' DRAWINGS FOR ADDITIONAL SITE INFORMATION NOT SHOWN ON THIS DRAWING.

PLANTING NOTES (NOT APPROVED BY CITY)

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS, GROUNDCOVERS, DECOMPOSED GRANITE, MULCH & OTHER ITEMS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF MAJOR DISCREPANCIES. IN CASE OF A DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST, THE DRAWINGS SHALL BE ACCEPTED AS CORRECT.
2. ALL LANDSCAPE AND IRRIGATION MATERIALS & INSTALLATION SHALL COMPLY WITH SECTIONS 424, 425, 430 757 AND 795 OF THE M.A.G. SPECIFICATIONS.
3. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS, & MANHOLES IN AN EXPOSED CONDITION.
4. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSESYMEN & BY THE ARIZONA NURSERY ASSOCIATION RECOMMENDED TREE SPECIFICATIONS. BOX SIZES ARE SHOWN FOR REFERENCE ONLY.
5. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. ALL PLANT MATERIAL MUST BE OBTAINED WITHIN A 50-MILE RADIUS OF THE PROJECT SITE FROM A LOCATION WITH THE SAME OR SIMILAR CLIMATIC CONDITIONS WHICH IS IN THE SAME USDA HARDINESS ZONE AS PROJECT SITE UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT.
6. SUBSTITUTIONS SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT.
7. THE CONTRACTOR SHALL REQUEST INSPECTION OF PLANT LAYOUT IN THE FIELD BY THE LANDSCAPE ARCHITECT A MINIMUM OF 1 WEEK IN ADVANCE FOR APPROVAL UNLESS OTHERWISE AGREED UPON.
8. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO INSPECT SHRUBS & CONTAINER TREES FOR CONDITIONS OF ROOTBALLS. THE CONTRACTOR SHALL REQUEST INSPECTION 1 WEEK IN ADVANCE OF PLANTING. UPON SUCH INSPECTIONS IF THE ROOTBALL CONDITION IS UNACCEPTABLE THE CONTRACTOR SHALL SUPPLY REPLACEMENT PLANT AT NO COST.
9. WATER TEST ALL TREE PLANTING HOLES PRIOR TO PLANTING. IF TREE HOLE DOES NOT DRAIN WITHIN A 24 HOUR PERIOD, REFER TO HARDPAN DETAIL CONTAINED IN TREE PLANTING AND STAKING DETAIL ON THE LANDSCAPE DETAILS SHEET.
10. SEE SPECIFICATIONS FOR PLANTING BACKFILL MIX.
11. ALL TOP SOIL MIXTURES FOR PLANTS SHALL BE FREE OF GRASS AND NOXIOUS WEEDS. SEE SECTION 795 OF THE M.A.G. SPECIFICATIONS.
12. SHRUBS AND GROUNDCOVER SHALL BE PLANTED A MINIMUM OF 3' AWAY FROM THE EDGE OF WALKS, WALLS, BUILDINGS AND CURBS UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.
13. MAINTAIN 5' CLEARANCE OF CACTI FROM ALL PEDESTRIAN ROUTES UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.
14. MAINTAIN 5' CLEARANCE OF PLANT MATERIAL FROM ALL FIRE HYDRANTS AND/OR FIRE DEPARTMENT CONNECTIONS ON SITE.
15. SIGHT DISTANCE TRIANGLES SHALL BE CLEAR OF LANDSCAPING & OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 2 FEET. TREES WITHIN THE TRIANGLES SHALL HAVE A CANOPY THAT BEGINS AT 7 FEET IN HEIGHT UPON INSTALLATION.
16. ALL LANDSCAPED AREAS SHALL BE SPRAYED WITH WEED KILLER SUCH AS 'ROUND-UP' PER MANUFACTURER'S RECOMMENDATIONS & ALL WEEDS REMOVED 7-10 DAYS PRIOR TO PLACEMENT OF TOPDRESS.
17. ALL LANDSCAPE AREAS SHALL BE TREATED WITH PRE-EMERGENT AS PER MANUFACTURER'S INSTRUCTIONS. DEAD DEBRIS SHALL BE PROPERLY DISPOSED OF PRIOR TO PLACEMENT OF TOPDRESS.
18. THE CONTRACTOR SHALL PROVIDE THE LANDSCAPE ARCHITECT WITH A LETTER CERTIFYING THE CHEMICAL, DATE AND RATE OF APPLICATION FOR BOTH WEED KILLER AND PRE-EMERGENT.
19. LANDSCAPE AREAS NOT OTHERWISE COVERED BY PAVING OR BUILDINGS SHALL BE DECOMPOSED GRANITE (D.G.) - 2" DEPTH UNLESS OTHERWISE NOTED. LANDSCAPE CONTRACTOR TO SUBMIT (1) 5 LB. SAMPLE BAG OF D.G. TO LANDSCAPE ARCHITECT FOR APPROVAL.
20. ALL ROCKS AND DEBRIS OF 1" DIA. SIZE OR LARGER SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF PRIOR TO THE PLACEMENT OF TOPDRESS - WITH THE EXCEPTION OF ANY AREAS RECEIVING LARGER SIZE COBBLE. SEE PLANS FOR LOCATIONS.
21. TOP DRESSING SHALL EXTEND UNDER SHRUBS UNLESS OTHERWISE NOTED ON THE PLANS.
22. FINISH GRADE IN ALL AREAS SHALL BE SMOOTH, EVEN AND 1/2" BELOW TOP OF CURBS, PAVING AND ADJACENT WALKS.
23. WHEN BOXED TREES ARE INSTALLED, THE BOTTOM OF THE TREE BOXES SHALL NOT BE REMOVED UPON PLANTING. THE SOIL LINE OF THE PLANTED TREE SHALL MATCH THE SURROUNDING FINISH GRADE.
24. NEW LANDSCAPING DAMAGED OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND AND QUANTITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY AND LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
25. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 1 (ONE) YEAR WARRANTY ON THE IRRIGATION SYSTEM, A 1 (ONE) YEAR WARRANTY ON ALL TREES, CACTI, COTILLIOS AND 15 GALLON PLANT MATERIAL AND A 90 (NINETY) DAY WARRANTY ON ALL REMAINING PLANT MATERIAL.
26. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ENTIRE PROJECT FOR A MAINTENANCE PERIOD OF 90 DAYS AFTER ACCEPTANCE OF WORK BY THE OWNER AS PER SECTION 430.8 OF THE M.A.G. SPECIFICATIONS. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME MAINTENANCE RESPONSIBILITIES.
27. ALL LANDSCAPE AREAS & MATERIALS, INCLUDING THOSE LOCATED IN THE RIGHT-OF-WAY SHALL BE MAINTAINED IN A HEALTHY, NEAT, WEED-FREE CONDITION. THIS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

IRRIGATION LEGEND

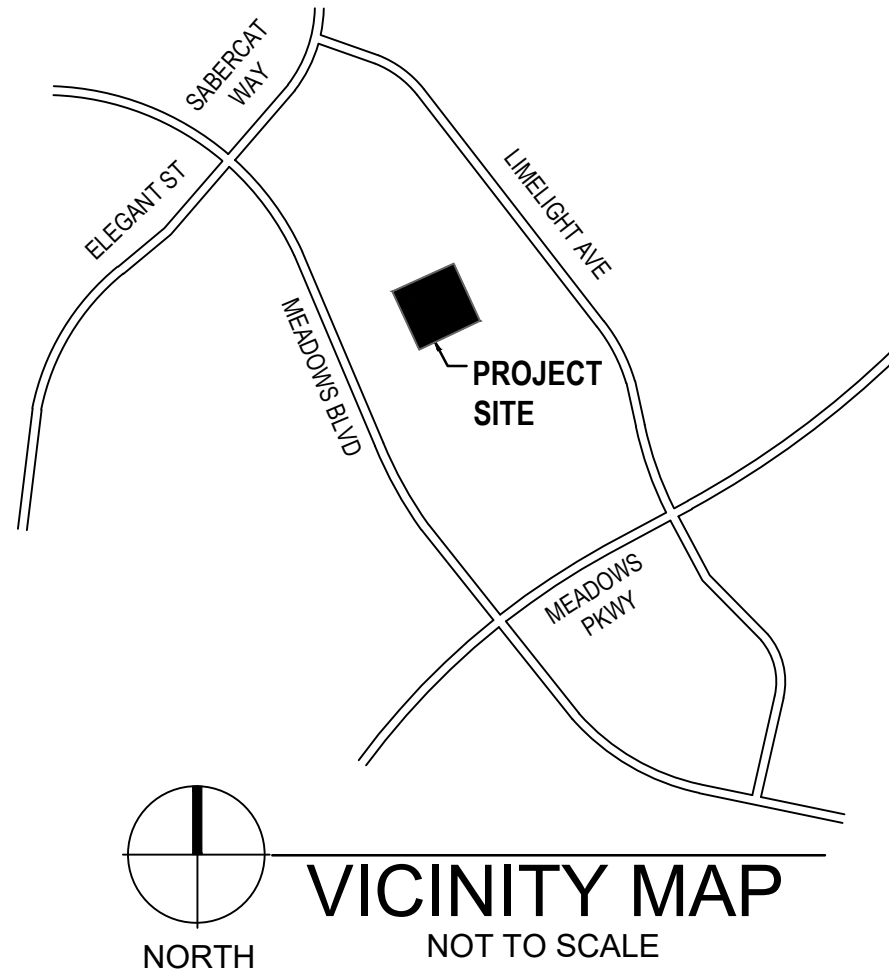
SYMBOL	DESCRIPTION	MODEL INFORMATION
⚡	BACKFLOW PREVENTER	EXISTING (NOT SHOWN)
MV	MASTER VALVE	EXISTING (NOT SHOWN)
Ⓐ	CONTROLLER	EXISTING (NOT SHOWN) VERIFY CONTROLLER SUPPORTS NEW VALVES
⚓	BRASS BALL VALVE (Line Size)	A.Y. - McDONALD BRONZE BALL VALVE FOR SYSTEM ISOLATION.
Ⓢ	QUICK COUPLER	RAINBIRD 33 DRC QUICK COUPLING VALVE, PROVIDE 1- 33DK KEY AND SH-0 HOSE SWIVEL PER 4 VALVES. (NOT SHOWN ON PLAN)
●	DRIP PRESSURE REGULATOR	
⌘	FLUSHING END CAP	PER PLANS
—	MAIN LINE	1-1/2" SCH. 40 PIPE (U.O.N.)
- - -	TREE LATERAL LINE	1" SCH. 40 PVC.
- · - · -	SHRUB LATERAL LINE	1" SCH. 40 PVC.
— · — · —	TURF LATERAL LINE	1" SCH. 40 PVC.
— · — · —	SLEEVING	SCHEDULE 40 PVC PIPE - MINIMUM 4" SCHEDULE 40 PVC WIRE - 2"
CONTROL VALVES		
⚡	TURF VALVE (SEE SPRAY HEADS)	RAINBIRD: 200 PESBIVM-NP-HAN3 (2")
Ⓢ	SHRUB VALVE (SEE DRIP)	RAINBIRD: 100 PESBIVM-NP-HAN1 (1") 150 PESBIVM-NP-HAN2 (1-1/2")
A-X 1" 00.00 TURF	CONTROLLER STATION NO. GPM VALVE SIZE TYPE: (SEE RIGHT)	TURF = ROTOR/SPRAY SHRUB = SHRUB SPRAY TREE = TREE SPRAY/BUBBLER
NOT SHOWN	DRIP EMITTER	RAINBIRD XERI-BUG XBT SERIES; SEE EMITTER SCHEDULE.
NOT SHOWN	CONTROL WIRE	UF DIRECT BURIAL SOLID COPPER, 12 GA. COMMON, 12 GA. CONTROL
ALL CONTAINER PLANT BEDS		

SPRINKLERS		
TURF SPRAY	GPM	RAINBIRD R-VAN 17'-24'
17'-24" NOZZLES		
Ⓢ	50 GPM @ 45 PSI	RAINBIRD R-VAN-18-90 90° NOZZLE
Ⓢ	1.01 GPM @ 45 PSI	RAINBIRD R-VAN-18-180 180° NOZZLE
TREE BUBBLERS		
Ⓢ	TREE WATERING SYSTEM	HUNTER 'RZWS-10-50-SLEEVE' ROOTZONE WATERING SYSTEM, (3) PER TREE HUNTER PCB-25 BUBBLER (3) - 0.25 GPM PER PLANT NOTE: 1 Symbol shown per plan for reference only, field adjust the 3 bubbler locations to provide proper coverage.

- NOTES:
- COORDINATE IRRIGATION EQUIPMENT, DESIGN, INSTALLATION, AND POINT OF CONNECTION WITH OWNER / MAINTENANCE TEAM.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR FULL IRRIGATION COVERAGE OF ALL PLANT MATERIAL.
 - PROVIDE IRRIGATION EQUIPMENT AND MATERIALS AS SPECIFIED OR AS APPROVED BY OWNER / LANDSCAPE ARCHITECT.
 - THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS, AND MANHOLES IN AN EXPOSED CONDITION.
 - PROTECT EXISTING LANDSCAPE TO REMAIN. REPAIR AS NEEDED. PROVIDE TEMPORARY IRRIGATION SYSTEM FOR REESTABLISHMENT.
 - IRRIGATION DESIGN IS SHOWN AS SCHEMATIC AND AS IS FOR CLARITY. LOCATE ALL IRRIGATION COMPONENTS WITHIN LANDSCAPE AREAS. REFER TO DETAILS FOR EXACT CONFIGURATION.
 - IRRIGATION DESIGN MAY BE MODIFIED TO ADAPT TO WALK CONFIGURATIONS THAT DIFFER FROM THESE PLANS OR BECAUSE OF GRADE LIMITATIONS ON SITE.
 - PROVIDE PIPE AND WIRE SLEEVING UNDER ALL HARDSCAPE SURFACES.
 - TREES AND SHRUBS TO BE ON SEPARATE VALVES.
 - PROVIDE 120 V POWER SOURCE TO CONTROLLER LOCATION.
 - IRRIGATION VALVE BOXES SHALL BE LOCATED A MINIMUM OF 6' BEHIND ALL CIRCULATION AREAS & SHALL BE ORGANIZED IN AN ORDERLY MANNER INCLUDING GROUPING BOXES TOGETHER & SETTING THE BOXES IN LINE WITH ADJACENT WALKS AND CURBS. BOXES SHALL BE SET FLUSH WITH FINISH GRADE.
 - LANDSCAPE SUBCONTRACTOR TO PROVIDE SHOP DRAWINGS OF COMPLETE PROJECT IRRIGATION DESIGN COMPLETED BY STATE OF COLORADO LICENSED LANDSCAPE IRRIGATION SPECIALIST. ALL IRRIGATION COMPONENTS / EQUIPMENT TO ADHERE TO CAMPUS STANDARDS. TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - L.I.C. SHALL SELECT R-VAN SERIES SPRAY NOZZLES FOR 'HEAD-TO-HEAD' COVERAGE. ADJUSTED FOR NO OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.
 - IRRIGATION SYSTEM TO BE REVIEWED AND ADJUSTED TO MATCH EXISTING SYSTEM. CONTRACTOR TO SUBMIT EXISTING CONDITIONS WITH SHOP DRAWINGS TO ENSURE COMPONENT COMPATIBILITY PRIOR TO ANY INSTALLATION.

PIPE SIZE SCHEDULE

GPM	PIPE SIZE
0-5	1/2"
6-10	3/4"
11-15	1"
16-25	1-1/4"
26-35	1-1/2"
36-50	2"



LANDSCAPE SHEET INDEX

SHEET #	SHEET TITLE	(07/16/2024) ISSUED FOR: 100% DESIGN DEVELOPMENT			
L0.0.0	LANDSCAPE COVER SHEET	X			
LP1.1.0	CONCEPTUAL LANDSCAPE PLAN	X			
LP1.1.1	LANDSCAPE DETAILS	X			
LI1.1.0	IRRIGATION PLAN	X			
LI1.1.1	IRRIGATION DETAILS	X			

PLANT LEGEND

BOTANICAL NAME SYM. (COMMON NAME)	MIN. CAL HT & W	SIZE	QTY.
TREES			
Ⓢ EXISTING TREE TO REMAIN PROTECT-IN-PLACE		VARIABLES	SEE PLAN
Ⓢ SHADE TREE	2" CAL.	36" BOX HIGH-BREAK	4
Ⓢ ACCENT TREE	1.25" CAL.	15 GAL. SINGLE	4
SHRUBS			
Ⓢ LARGE SHRUB		#5	17
ACCENT			
Ⓢ SMALL ACCENT		#5	74
GROUNDCOVER			
Ⓢ SMALL ACCENT		#5	55

NOTES:

- PROTECT EXISTING TREES TO REMAIN-IN-PLACE.
- ALL LANDSCAPE AREAS TO RECEIVE IMPORTED TOPSOIL TO A DEPTH OF 24-INCH MINIMUM AND 36 INCHES MINIMUM AT TREE LOCATIONS IN A 20'-0" DIA. CIRCLE AROUND TREE. TURF AREAS TO RECEIVE 8" TOPSOIL PLATING OVER RIPPED FRIABLE SUBSOIL LAYER.
- REPAIR / RESTORE LANDSCAPE / LAWN AREAS AND ASSOCIATED IRRIGATION AROUND AND WITHIN PROJECT EXTENTS DAMAGED DURING CONSTRUCTION.
- PROVIDE NEW AUTOMATIC UNDERGROUND IRRIGATION SYSTEM FOR ALL NEW PLANTINGS AND REWORK EXISTING TURF IRRIGATION PER NEW LAYOUT INDICATED ON PLANS.

TOPDRESSING MATERIALS

Ⓢ MAINTENANCE EDGE	+/- 320 SF
2" COBBLE MIN. 2" DEPTH COLOR: TBD, MATCH EXISTING	
Ⓢ TURF AREAS	+/- 880 SF
TURF BY SOD - KENTUCKY BLUEGRASS	
Ⓢ PLANTING BEDS	+/- 2,132 SF
3" MIN. DEPTH CEDAR WOOD MULCH CHIPS	
TOTAL LANDSCAPE AREA: +/- 3,332 SF	

DECORATIVE BOULDERS

COLOR: TBD. TYPE: SURFACE SELECT. LOCATION: TBD. NOT SHOWN IN PLAN			
2'x3'x3'	2'x2'x3'	2'x2'x2'	
TOTAL: 3	TOTAL: 3	TOTAL: 4	

HARDSCAPE FINISHES

A	Ⓢ EXISTING CONCRETE SIDEWALK	+/- 1,350 SF
	COLOR: GRAY PATCH & REPAIR AS NEEDED AS IMPACTED BY NEW CONSTRUCTION.	
B	Ⓢ CONCRETE SIDEWALK	+/- 50 SF
	COLOR: INTEGRAL COLOR TBD FINISH: ACID ETCH SCORING PER PLAN	

HARDSCAPE FURNISHINGS

①	Ⓢ CONCRETE SEATWALL	2 TOTAL
	COLOR: GRAY TOP FINISH: SMOOTH SIDE FINISH: SANDBLAST SIZE: 2'x6' NOTE: ALL EDGES TO HAVE 1/2" CHAMFER	
②	Ⓢ STEEL HEADER	120 LF
	COLOR: BLACK SIZE: 1/4"	
③	Ⓢ CONCRETE MAINTENANCE / MOW EDGE	110 LF
	COLOR: GRAY SIZE: 12" WIDE x 6" DEEP	



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PHOENIX, AZ 85004
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WWW.SMITHGROUP.COM
LANDSCAPE ARCHITECT
DUSTIN SIMMONS
DUSTIN.SIMMONS@SMITHGROUP.COM

ISSUED FOR DATE

CONCEPT MEETING PACKAGE - 12/19/2025

SEALS AND SIGNATURES

NOT FOR
CONSTRUCTION

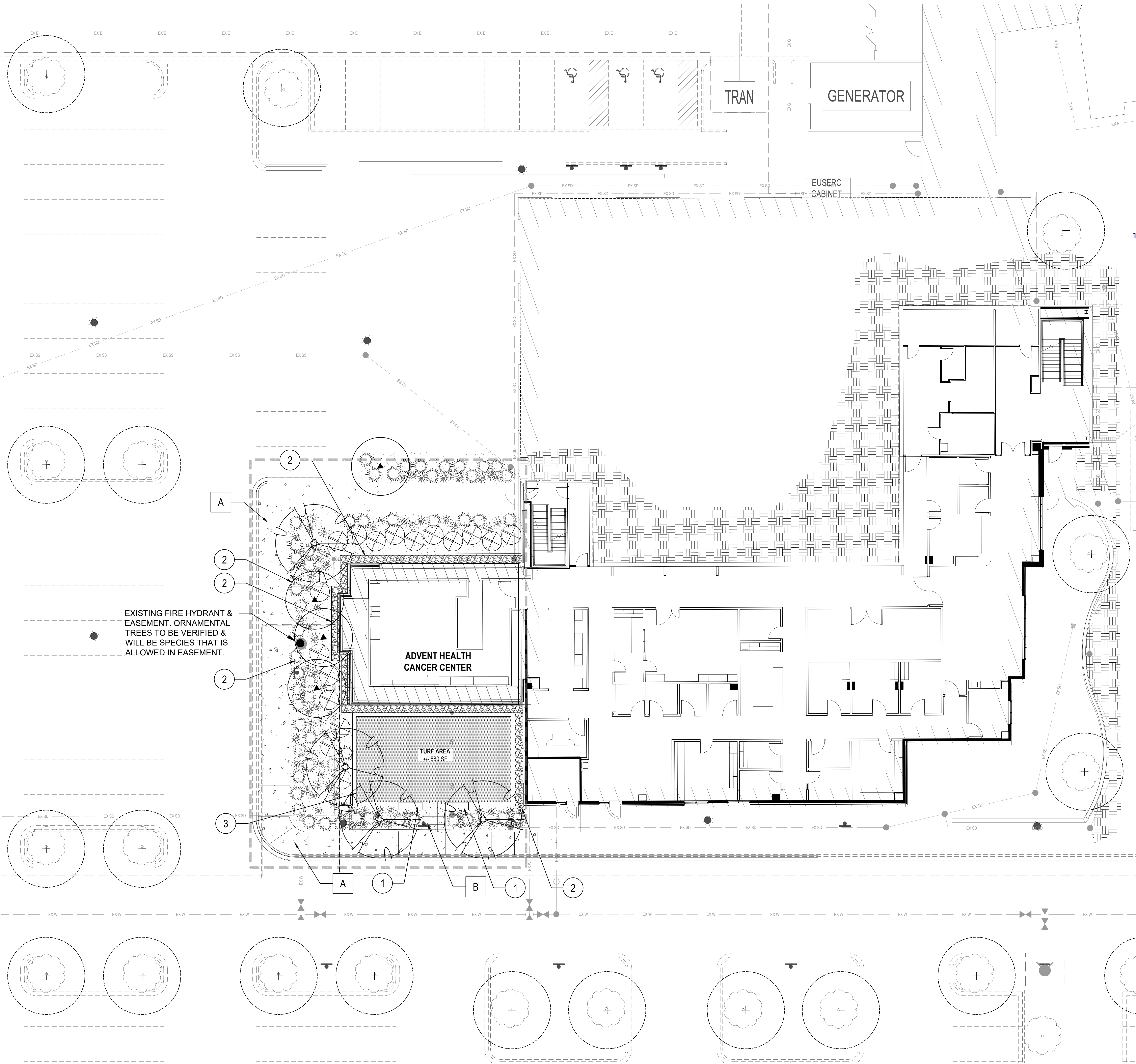
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COVER SHEET

PROJECT NUMBER
15159.00

L0.0.0

SHEET NUMBER

7/1/2024 12:44:30 PM



PLANT LEGEND

BOTANICAL NAME SYM. (COMMON NAME)	MIN. CAL HT & W	SIZE	QTY.
TREES			
EXISTING TREE TO REMAIN PROTECT-IN-PLACE		VARIES	SEE PLAN
SHADE TREE	2" CAL.	36" BOX HIGH-BREAK	4
ACCENT TREE	1.25" CAL.	15 GAL. SINGLE	4
SHRUBS			
LARGE SHRUB		#5	17
ACCENT			
SMALL ACCENT		#5	74
GROUNDCOVER			
SMALL ACCENT		#5	55

NOTES:

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TOPDRESSING MATERIALS

MAINTENANCE EDGE 2" COBBLE MIN. 2" DEPTH COLOR: TBD, MATCH EXISTING	+/- 320 SF
TURF AREAS TURF BY SOD - KENTUCKY BLUEGRASS	+/- 880 SF
PLANTING BEDS 3" MIN. DEPTH CEDAR WOOD MULCH CHIPS	+/- 2,132 SF

TOTAL LANDSCAPE AREA: +/- 3,332 SF

DECORATIVE BOULDERS

COLOR: TBD. TYPE: SURFACE SELECT. LOCATION: TBD. NOT SHOWN IN PLAN

2'x3'x3' TOTAL: 3	2'x2'x3' TOTAL: 3	2'x2'x2' TOTAL: 4
----------------------	----------------------	----------------------

HARDSCAPE FINISHES

A	EXISTING CONCRETE SIDEWALK COLOR: GRAY PATCH & REPAIR AS NEEDED AS IMPACTED BY NEW CONSTRUCTION.	+/- 1,350 SF
B	CONCRETE SIDEWALK COLOR: INTEGRAL COLOR TBD FINISH: ACID ETCH SCORING PER PLAN	+/- 50 SF

HARDSCAPE FURNISHINGS

1	CONCRETE SEATWALL COLOR: GRAY TOP FINISH: SMOOTH SIDE FINISH: SANDBLAST SIZE: 2'x6' NOTE: ALL EDGES TO HAVE 1/2" CHAMFER	2 TOTAL
2	STEEL HEADER COLOR: BLACK SIZE: 1/4"	120 LF
3	CONCRETE MAINTENANCE / MOW EDGE COLOR: GRAY SIZE: 12" WIDE x 6" DEEP	110 LF

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SEALS AND SIGNATURES

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CONSTRUCTION**

SHEET TITLE
**CONCEPTUAL
LANDSCAPE PLAN**

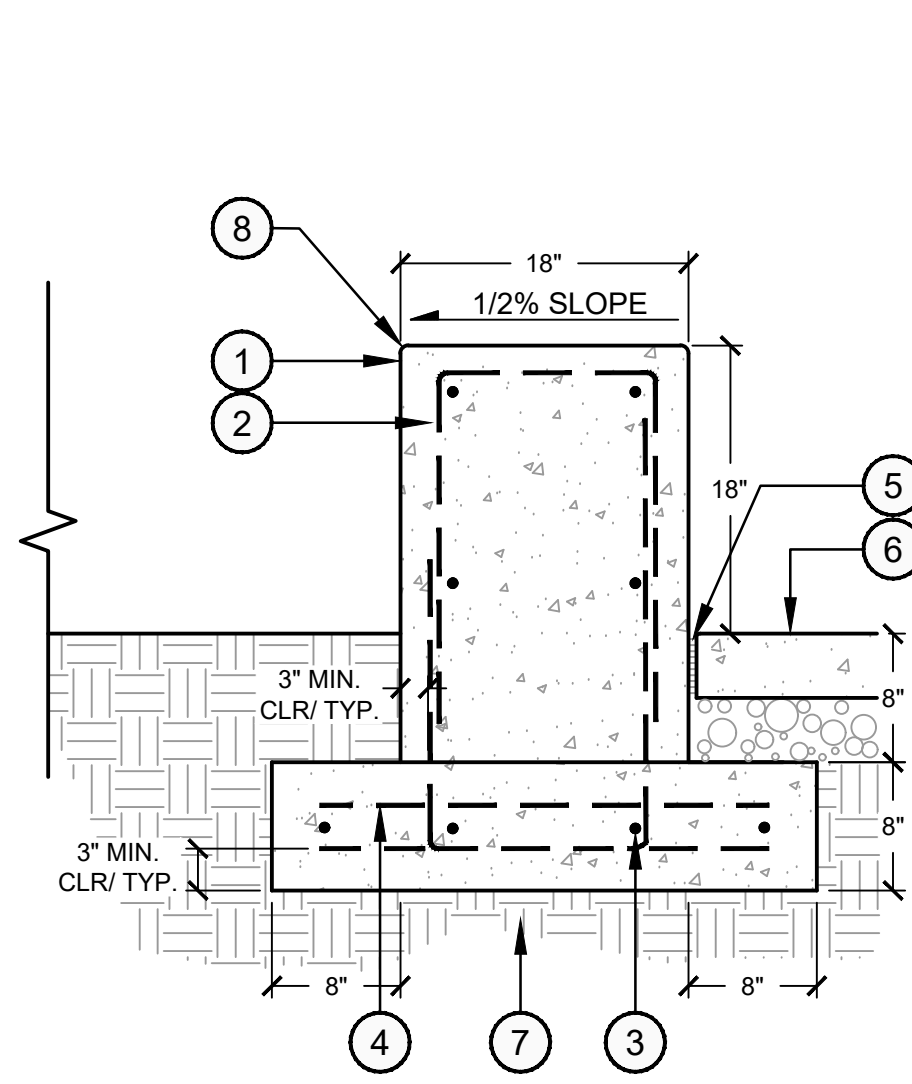
PROJECT NUMBER
LP1.1.0

SHEET NUMBER

811
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Call before you dig.

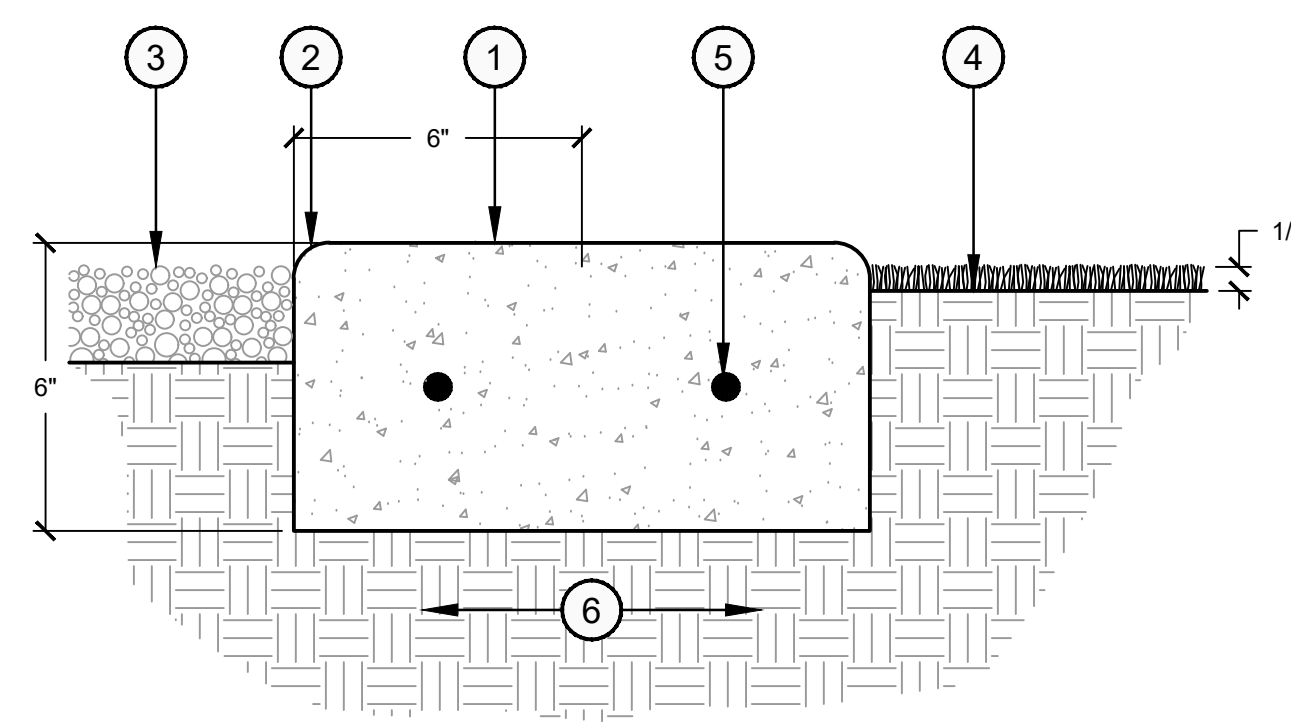
CALL PRIVATE UTILITY
LOCATOR TO LOCATE
PRIVATE UTILITIES

SCALE: 1"=10'-0"



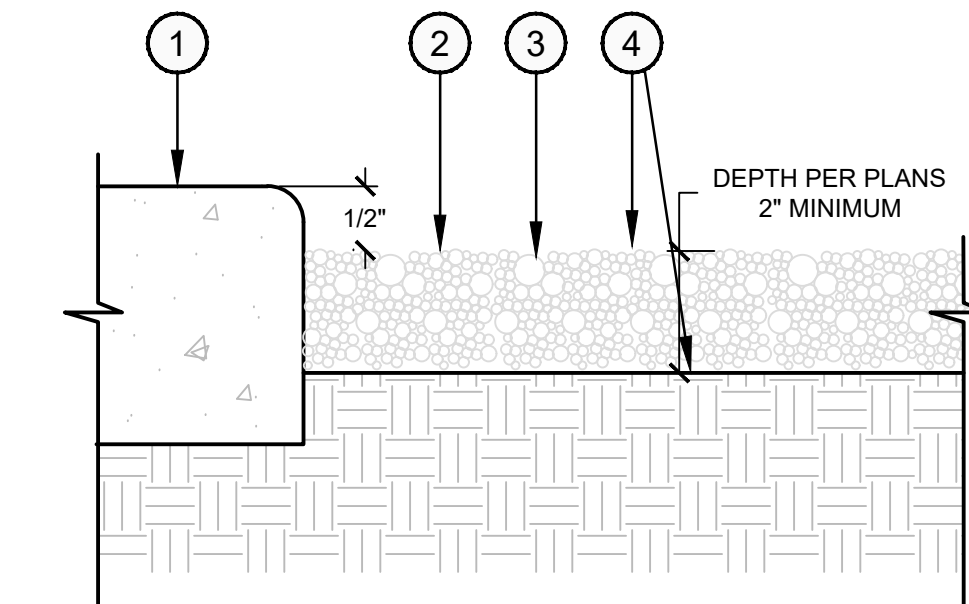
- ① CAST-IN-PLACE CONCRETE SEATWALL
COLOR: NATURAL GRAY
FINISH: SMOOTH FINISH ON HORIZONTAL SURFACES
AND MEDIUM SANDBLAST ON VERTICAL SURFACES
- ② #4 U-BAR AT 12" O.C., LAP & TIE ENDS
- ③ #4 CONT. AT 12" O.C., TYP.
- ④ #4 HORIZ. AT 12" O.C.
- ⑤ 1/2" FIBER EXPANSION JOINT W/ TRAFFIC SEALANT
WHERE CONCRETE PAVING OCCURS
- ⑥ FINISHED GRADE
- ⑦ COMPACTED SUBGRADE
- ⑧ 1/4" RADIUS TOOLED EDGE
- NOTE:
PROVIDE 1/2" V-CHANNEL CONTROL JOINTS AT CENTER
OF EACH WALL. PROVIDE CONTROL JOINTS 20'-0" O.C.
- PROVIDE MOCK-UP OF FULL HEIGHT X FULL WIDTH X
5'-0" MIN. LENGTH FOR REVIEW AN APPROVAL BY
LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
MOCK-UP(S) TO INCLUDE ALL FINISH AND JOINT TYPES.
- PROVIDE SUBMITTAL OF JOINT LAYOUT FOR REVIEW
AND APPROVAL BY LANDSCAPE ARCHITECT.

① CIP SEATWALL
SCALE: 1"=1'-0"
HD-SEATWALL



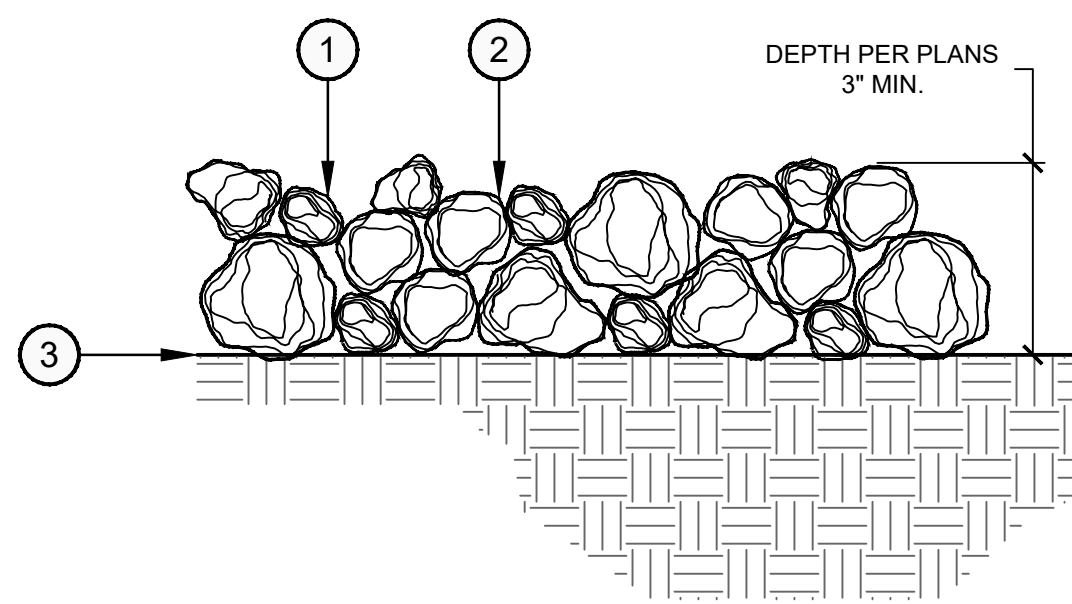
- ① CAST-IN-PLACE CONCRETE HEADER
COLOR: NATURAL GRAY
FINISH: LIGHT BROOM
- ② 1/2" RADIUS TOOLED EDGES
- ③ FINISH GRADE OF LANDSCAPE AREA
- ④ FINISH GRADE OF TURF AREA
- ⑤ #3 CONT.
- ⑥ COMPACTED SUBGRADE

② CONCRETE HEADER
SCALE: 3"=1'-0"
LD-HEADER-CONC



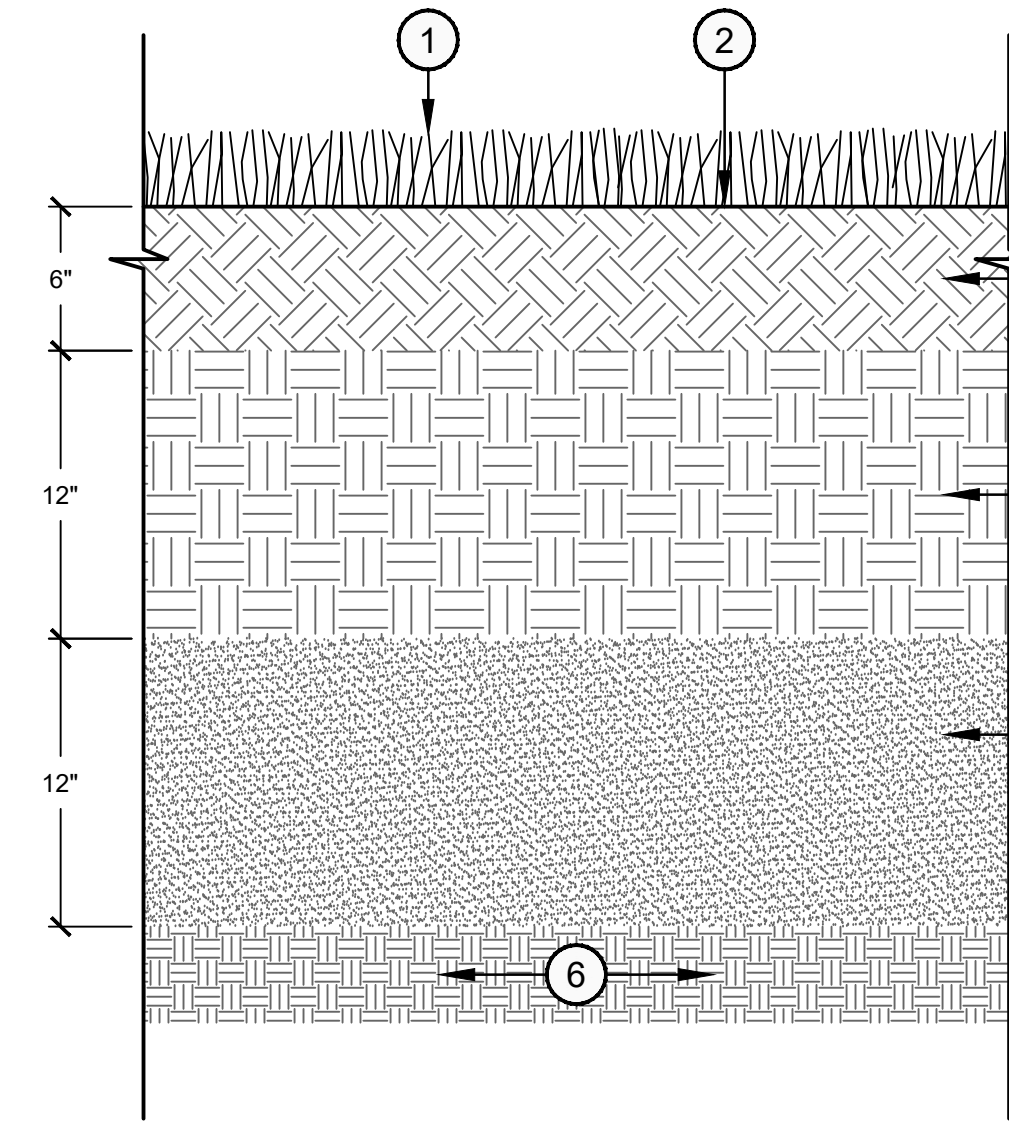
- ① ADJACENT HARDSCAPE AS
OCCURS
- ② DECOMPOSED GRANITE IN
ALL PLANTING AREAS
UNLESS OTHERWISE NOTED
- ③ FINISH GRADE
- ④ PRE- EMERGENT - PER
SPECIFICATIONS
- NOTES:
• SIZE AND COLOR OF
DECOMPOSED GRANITE
NOTED ON PLANT LEGEND
- PRE-EMERGENT SHALL BE
APPLIED TO FINISH GRADE
BEFORE INSTALLATION OF
DECOMPOSED GRANITE
AND TO MULCH AFTER
INSTALLATION, EXCEPT
FOR DRY SCATTER SEED
APPLICATIONS - SEE PLANS
FOR SPECIFIC AREAS

③ DECOMPOSED GRANITE
SCALE: NTS
LD-DG



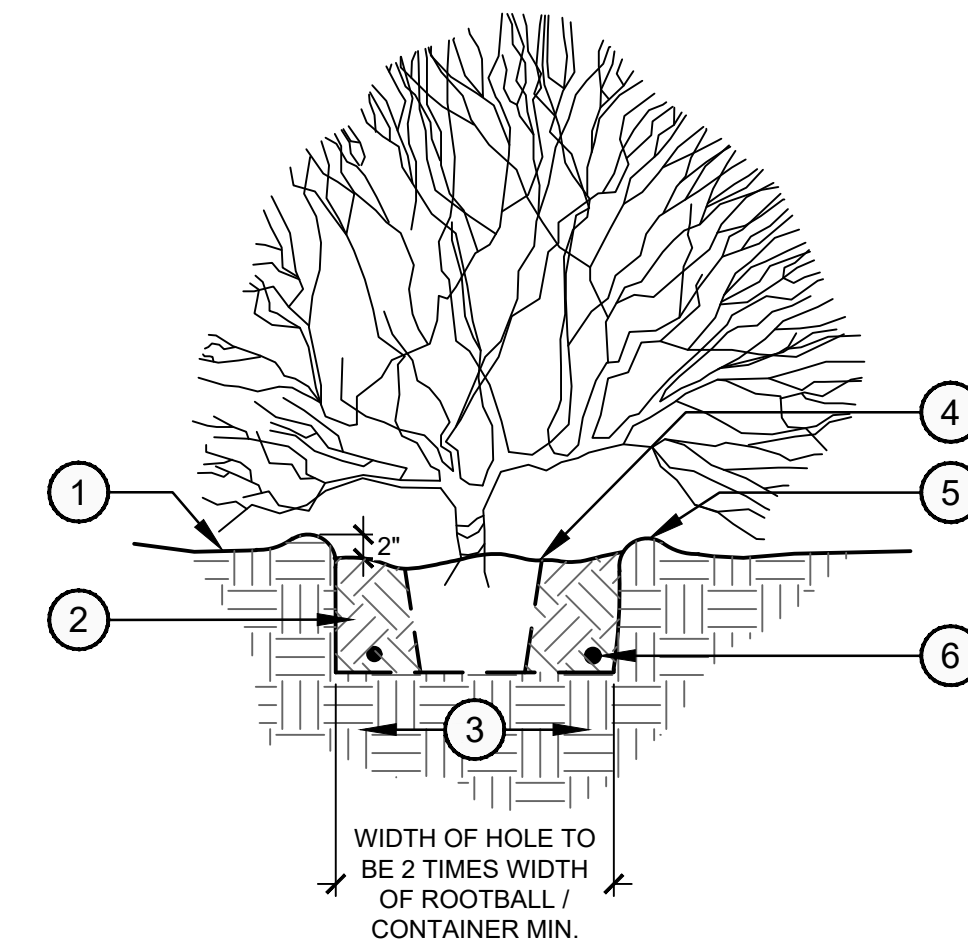
- ① SCREENED GRANITE COBBLE
- ② FINISH GRADE
- ③ PRE-EMERGENT PER SPECIFICATIONS
- NOTES:
SIZE AND COLOR OF GRANITE COBBLE
NOTED ON PLANT LEGEND
- PRE-EMERGENT SHALL BE APPLIED TO
FINISH GRADE BEFORE INSTALLATION OF
GRANITE COBBLE
- COMPACT GRADE ADJACENT TO EDGING
TO AVOID SETTLING
- REFER TO CIVIL DRAWINGS FOR RUBBLE
DEPTH AT INLET, AND FINISH GRADE

④ GRANITE COBBLE
SCALE: NTS
LD-COBBLE



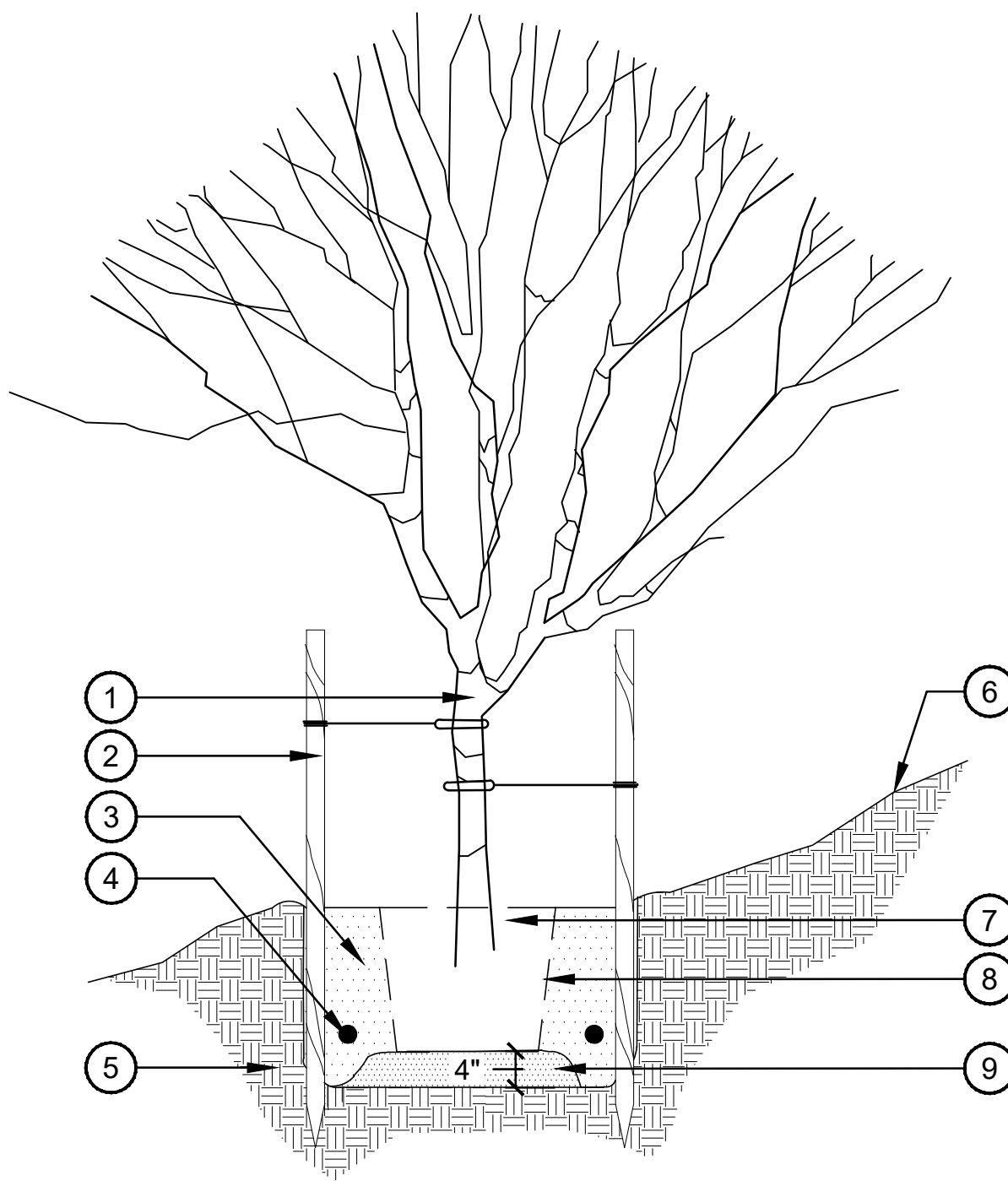
- ① TURF BY SOD, TOP OF TURF TO BE
FLUSH WITH ADJACENT HARDSCAPE
FINISH GRADE - SEE LANDSCAPE
PLAN FOR MORE INFORMATION
- ② FINISH GRADE OF LANDSCAPE AREA
- ③ LOAM TO SANDY LOAM WITH 10%
VOLUME BASIS ORGANIC MATTER
- ④ SANDY LOAM WITH AT LEAST 2%
VOLUME BASIS ORGANIC MATTER
- ⑤ SANDY LOAM OR COARSER, OR
WELL-DRAINING SUBBASE
- ⑥ COMPACTED SUBGRADE

⑤ TURF PROFILE
SCALE: NTS
LD-TURF



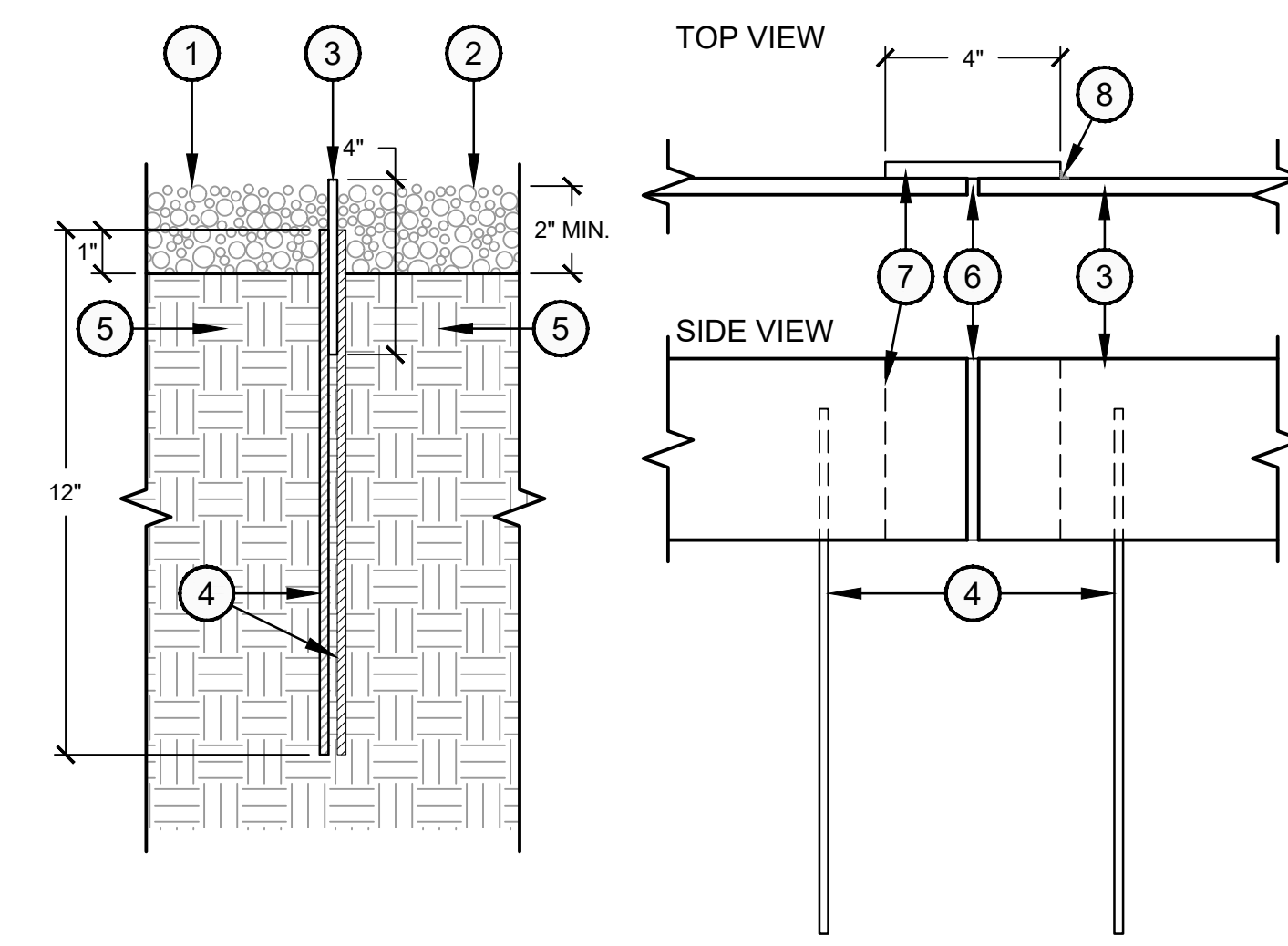
- ① FINISH GRADE
- ② BACKFILL W/ SPECIFIED SOIL
MIX PER SPECIFICATIONS.
WATER AND TAMP TO
REMOVE AIR POCKETS
- ③ UNDISTURBED SUBGRADE
- ④ TOP OF ROOT BALL TO BE AT
FINISH GRADE
- ⑤ TOP OF WELL 2" HIGH
- ⑥ FERTILIZER TABS PER
SPECIFICATIONS

⑥ SHRUB PLANTING
SCALE: NTS
LD-SHRUB



- ① ALL MAIN TRUNKS OF TREE TO BE STAKED OR AS
DIRECTED BY CONTRACTOR. DO NOT STAKE TREES IN
PLANTERS / POTS.
- ② LODGEPOLE TREE STAKE
- ③ BACKFILL W/ SPECIFIED SOIL MIX PER SPECIFICATIONS -
WATER & TAMP TO REMOVE AIR POCKETS
- ④ FERTILIZER TABLETS (10 GRAM 20-15-5) 3 PER 15 GAL.
TREE 4 PER 24" BOX, HALFWAY DOWN
ALONG ROOTBALL
- ⑤ UNDISTURBED SUBGRADE
- ⑥ FINISH GRADE
- ⑦ PLANT PIT. SEE GENERAL NOTES
- ⑧ SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING
- ⑨ COMPACTED SOIL MIX (90% SPD)
- NOTE:
PLANT PIT WIDTH TO BE 2X WIDTH OF ROOTBALL. PLANT
PIT DEPTH TO BE NO DEEPER THAN DEPTH OF ROOTBALL.

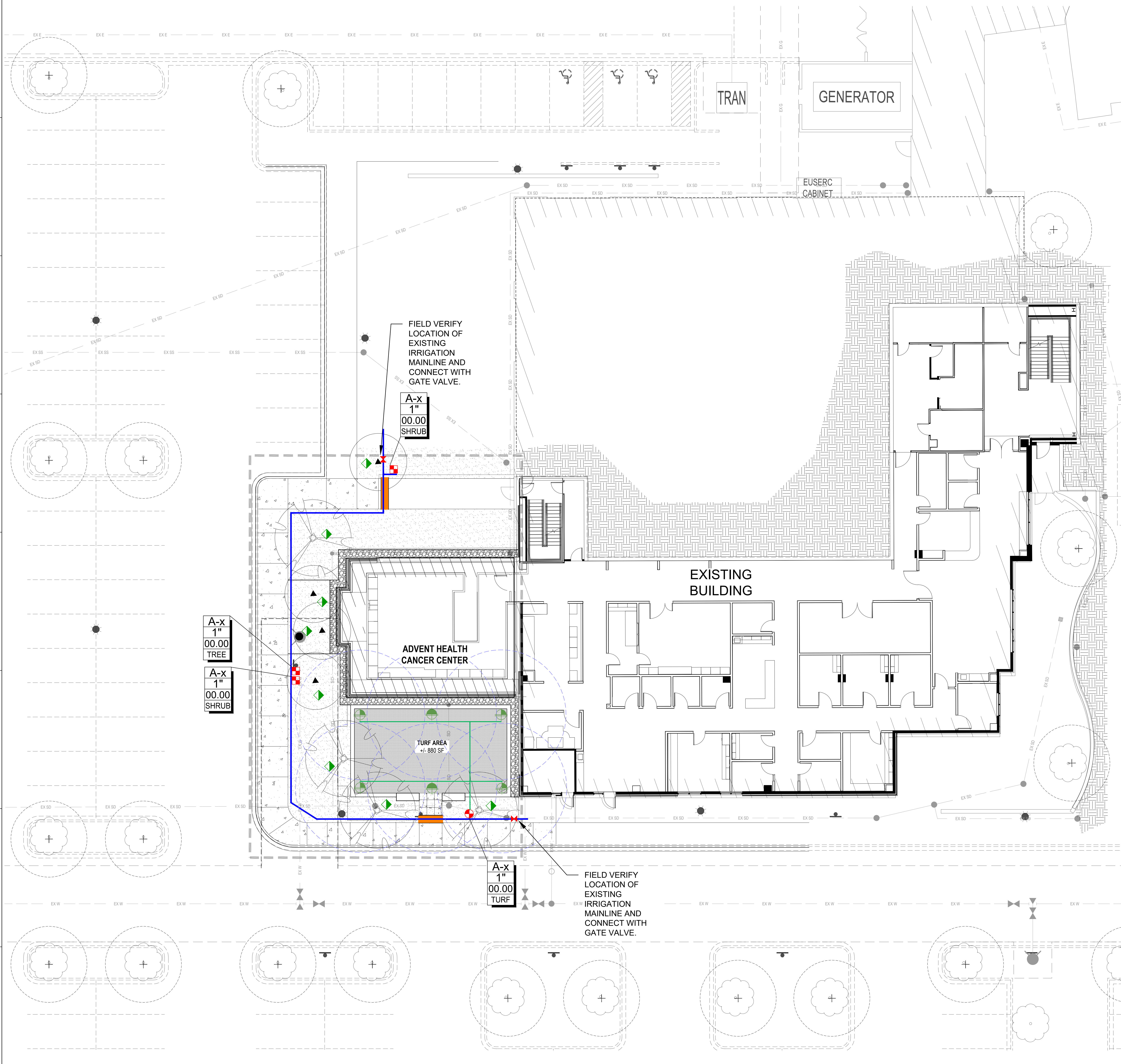
⑦ TREE PLANTING ON SLOPE
SCALE: NTS
LD-TREE



- ① FINISH GRADE OF LANDSCAPE
AREA, DEPTH PER PLANS - 2" MIN.
- ② SEE PLANS FOR MATERIAL
- ③ 1/4" THICK MILD STEEL EDGING,
NATURAL FINISH
- ④ 1/2" DIA. X 12" LONG AT 3' O.C.
ALTERNATING SIDES, SET TOP OF
PIN 1" BELOW TOP OF FINISH
GRADE TO CONCEAL
- ⑤ COMPACTED SUBGRADE
- ⑥ PROVIDE 1/2" GAP AT END OF STEEL
LENGTHS
- ⑦ ADD 4" BACKER PLATE TO COVER
GAP BETWEEN LENGTHS AND
ALLOW EXPANSION
- ⑧ WELD BACKER PLATE TO STEEL,
ONE SIDE ONLY
- NOTE:
COMPACT GRADE ADJACENT TO
EDGING TO AVOID SETTLING

⑧ STEEL HEADER
SCALE: 3"=1'-0"
HD-HEADER-STEEL-2

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IRRIGATION LEGEND	
SYMDDESCRIPTION	MODEL INFORMATION
BACKFLOW PREVENTER	EXISTING (NOT SHOWN)
MASTER VALVE	EXISTING (NOT SHOWN)
CONTROLLER	EXISTING (NOT SHOWN) VERIFY CONTROLLER SUPPORTS NEW VALVES
BRASS BALL VALVE (Line Size)	A.Y. McDONALD BRONZE BALL VALVE FOR SYSTEM ISOLATION.
QUICK COUPLER	RAINBIRD 33 DRC QUICK COUPLING VALVE, PROVIDE 1-33DK KEY AND SH-0 HOSE SWIVEL PER 4 VALVES. (NOT SHOWN ON PLAN)
DRIP PRESSURE REGULATOR	PER PLANS
FLUSHING END CAP	PER PLANS
MAIN LINE	1-1/2" SCH. 40 PIPE (U.O.N.)
TREE LATERAL LINE	1" SCH. 40 PVC.
SHRUB LATERAL LINE	1" SCH. 40 PVC.
TURF LATERAL LINE	1" SCH. 40 PVC.
SLEEVING	SCHEDULE 40 PVC PIPE - MINIMUM 4" SCHEDULE 40 PVC WIRE - 2"
CONTROL VALVES	
TURF VALVE (SEE SPRAY HEADS)	RAINBIRD: 200 PESBIVM-NP-HAN3 (2")
SHRUB VALVE (SEE DRIP)	RAINBIRD: 100 PESBIVM-NP-HAN1 (1") 150 PESBIVM-NP-HAN2 (1-1/2")
CONTROLLER STATION NO.	TURF = ROTOR/SPRAY SHRUB = SHRUB SPRAY TREE = TREE SPRAY/BUBBLER
GPM	
VALVE SIZE	
TYPE: (SEE RIGHT)	
NOT SHOWN	DRIP EMITTER
NOT SHOWN	CONTROL WIRE
	RAINBIRD XERI-BUG XBT SERIES; SEE EMITTER SCHEDULE.
	UF DIRECT BURIAL SOLID COPPER, 12 GA. COMMON, 12 GA. CONTROL
ALL CONTAINER PLANT BEDS	

SPRINKLERS	
TURF SPRAY	GPM
17'-24" NOZZLES	RAINBIRD R-VAN 17'-24"
.50 GPM @ 45 PSI	RAINBIRD R-VAN-18-90 90° NOZZLE
1.01 GPM @ 45 PSI	RAINBIRD R-VAN-18-180 180° NOZZLE

TREE BUBBLERS	
TREE WATERING SYSTEM	HUNTER 'RZWS-10-50-SLEEVE' ROOTZONE WATERING SYSTEM, (3) PER TREE HUNTER PCB-25 BUBBLER (3) - 0.25 GPM PER PLANT
NOTE: 1 Symbol shown per plan for reference only, field adjust the 3 bubbler locations to provide proper coverage.	

- NOTES:
- COORDINATE IRRIGATION EQUIPMENT, DESIGN, INSTALLATION, AND POINT OF CONNECTION WITH OWNER / MAINTENANCE TEAM.
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 - TREES AND SHRUBS TO BE ON SEPARATE VALVES.
 - PROVIDE 120 V POWER SOURCE TO CONTROLLER LOCATION.
 - IRRIGATION VALVE BOXES SHALL BE LOCATED A MINIMUM OF 6' BEHIND ALL CIRCULATION AREAS & SHALL BE ORGANIZED IN AN ORDERLY MANNER INCLUDING GROUPING BOXES TOGETHER & SETTING THE BOXES IN LINE WITH ADJACENT WALKS AND CURBS. BOXES SHALL BE SET FLUSH WITH FINISH GRADE.
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 - L.I.C. SHALL SELECT R-VAN SERIES SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE. ADJUSTED FOR NO OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.
 - IRRIGATION SYSTEM TO BE REVIEWED AND ADJUSTED TO MATCH EXISTING SYSTEM. CONTRACTOR TO SUBMIT EXISTING CONDITIONS WITH SHOP DRAWINGS TO ENSURE COMPONENT COMPATIBILITY PRIOR TO ANY INSTALLATION.

PIPE SIZE SCHEDULE	
GPM	PIPE SIZE
0-5	1/2"
6-10	3/4"
11-15	1"
16-25	1-1/4"
26-35	1-1/2"
36-50	2"

811
Know what's below.
Call before you dig.

CALL PRIVATE UTILITY LOCATOR TO LOCATE PRIVATE UTILITIES

SCALE: 1"=10'-0"

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CONCEPT MEETING PACKAGE - 12/19/2025

SEALS AND SIGNATURES

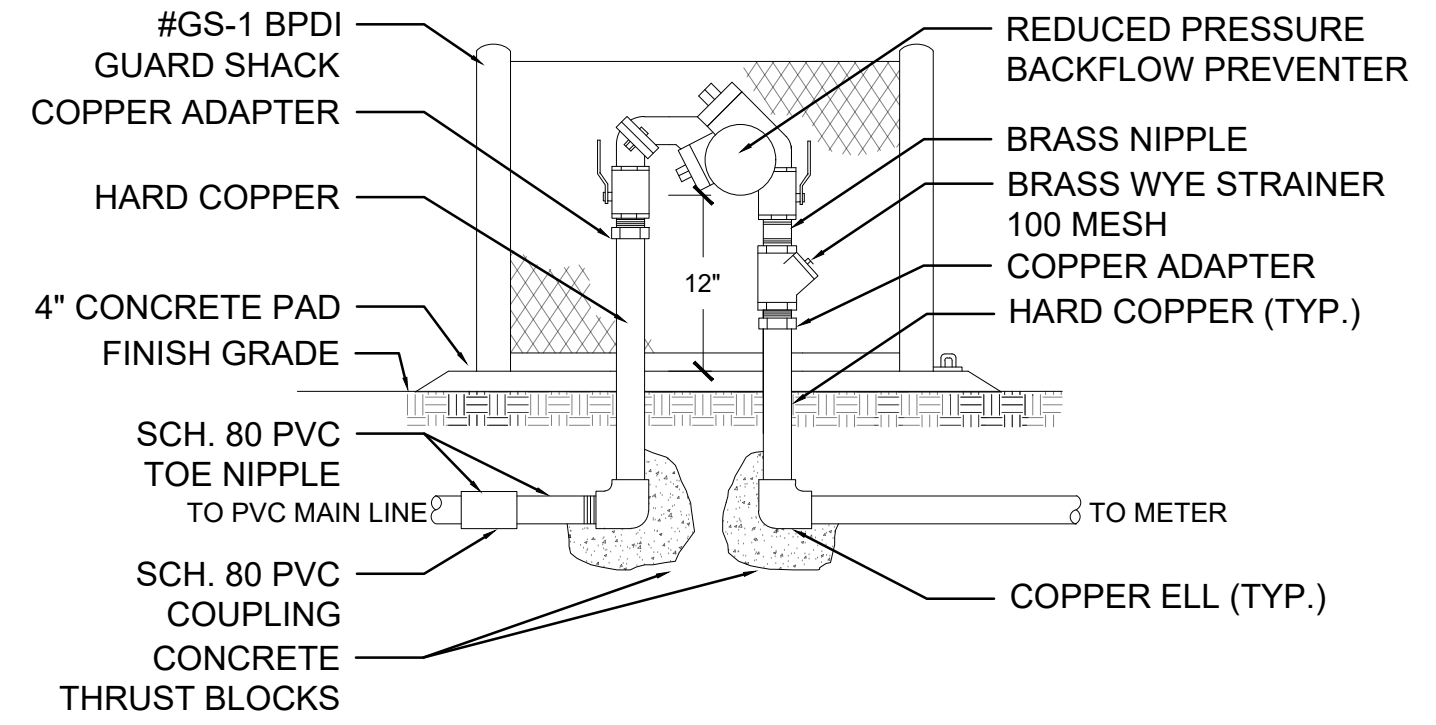
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SHEET TITLE
IRRIGATION PLAN

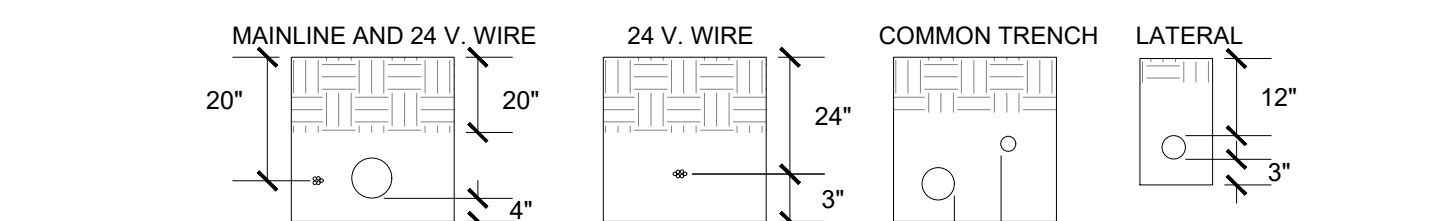
PROJECT NUMBER
15159.00

SHEET NUMBER
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- NOTE:
1. CONTACT THE UNIVERISTY FACILITIES DEPARTMENT FOR THE MOST CURRENT LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES
 2. ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH
 3. ABOVE GROUND INSTALLATION SHALL BE PROTECTED BY GUARD POST
 4. ASSEMBLY SHALL BE INSTALLED LEVEL AND NOT IN A FLOOD PLAIN.
 5. ASSEMBLY SHALL BE TESTED PRIOR TO BEING ACCEPTED (CONTACT C.O.P BF DEPT. FOR LIST OF CERTIFIED TESTERS)
 6. ASSEMBLY SHALL NOT BE INSTALLED ANY CLOSER THAN 24" FROM A WALL OR OBSTRUCTION (IF COCKS FACE THE WALL) OR 12" FROM A WALL (IF COCKS FACE AWAY)
 7. CONCRETE SUPPORT PAD SHALL BE A MINIMUM OF 12" WIDE BY LENGTH OF PRESSURE ASSEMBLY. SUPPORT STANDS TO BE PROVIDED FOR 3" ASSEMBLY OR LARGER
 8. FINISHED GRADE UNDERNEATH ASSEMBLY SHALL BE AT 95% COMPACTION.
 9. ASSEMBLY SHALL NOT BE PLACED FARTHER THAN 2' FROM THE WATER METER.
 10. FREEZE PROTECTION TO BE PROVIDED AS PART OF ENCLOSURE.

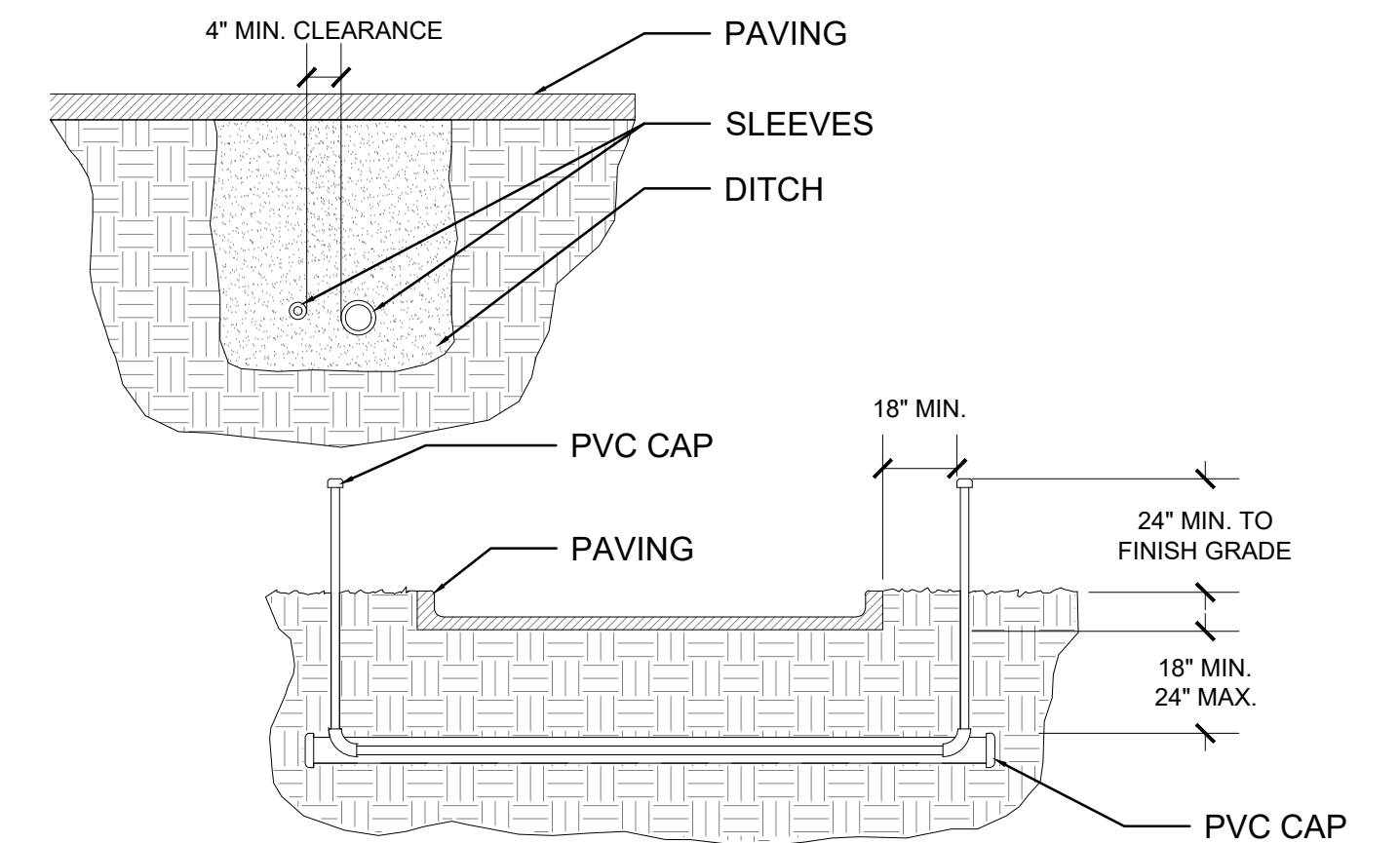


1 REDUCED PRESSURE BACK FLOW PREVENTER SCALE: N.T.S.



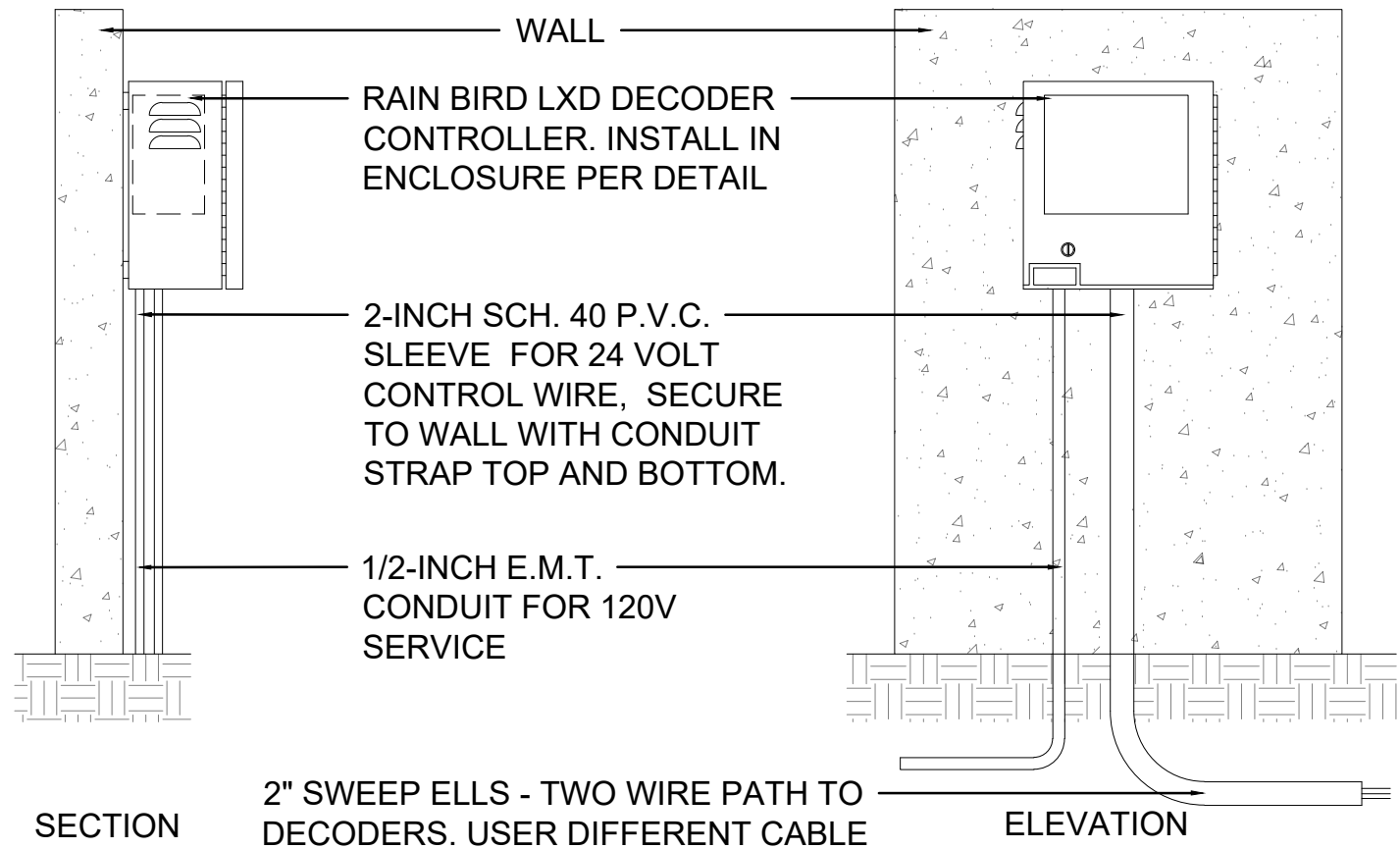
- NOTE:
1. BEDDING SHALL BE PLACED AND LEVELED PRIOR TO INSTALLATION OF BURY ITEM.
 2. BACKFILL SHALL BE PLACED IN LIFTS AS INDICATED TO THE LEFT.
 3. BACKFILL SHALL BE PLACED IN MAXIMUM 6" LIFTS AND COMPACTED FIRMLY AROUND THE PIPE.
 4. SLEEVE ALL PIPE AND WIRE SEPARATELY. SLEEVE 2 x DIA. OF PIPE.
 5. ONE PIPE PER SLEEVE.
 6. ALL PIPE TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS & ASTM #D2774. PLASTIC PIPE TO BE "SNAKED" IN TRENCHES, PROVIDE A MIN. OF 2" CLEARANCE TO SIDE OF TRENCH AND BETWEEN PIPES.
 7. ALL 120 V. WIRING SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. TAPE AND BUNDLE WIRES EVERY 10'. PROVIDE LOOSE 20" LOOP AT ALL CHANGES OF DIRECTION OVER 30 DEGREES.
 8. ALL IRRIGATION CONTROLLER POWER SERVICE WIRING AND ALL VALVE WIRING NOT INSTALLED WITH MAINLINE PIPE SHALL BE INSTALLED IN A MINIMUM 2" DIAMETER SCHEDULE 80 GRAY ELECTRICAL CONDUIT.
 9. TAPE AND BUNDLE ALL WIRE AT 10' MAXIMUM INTERVALS.

4 TRENCH DETAIL SCALE: N.T.S.



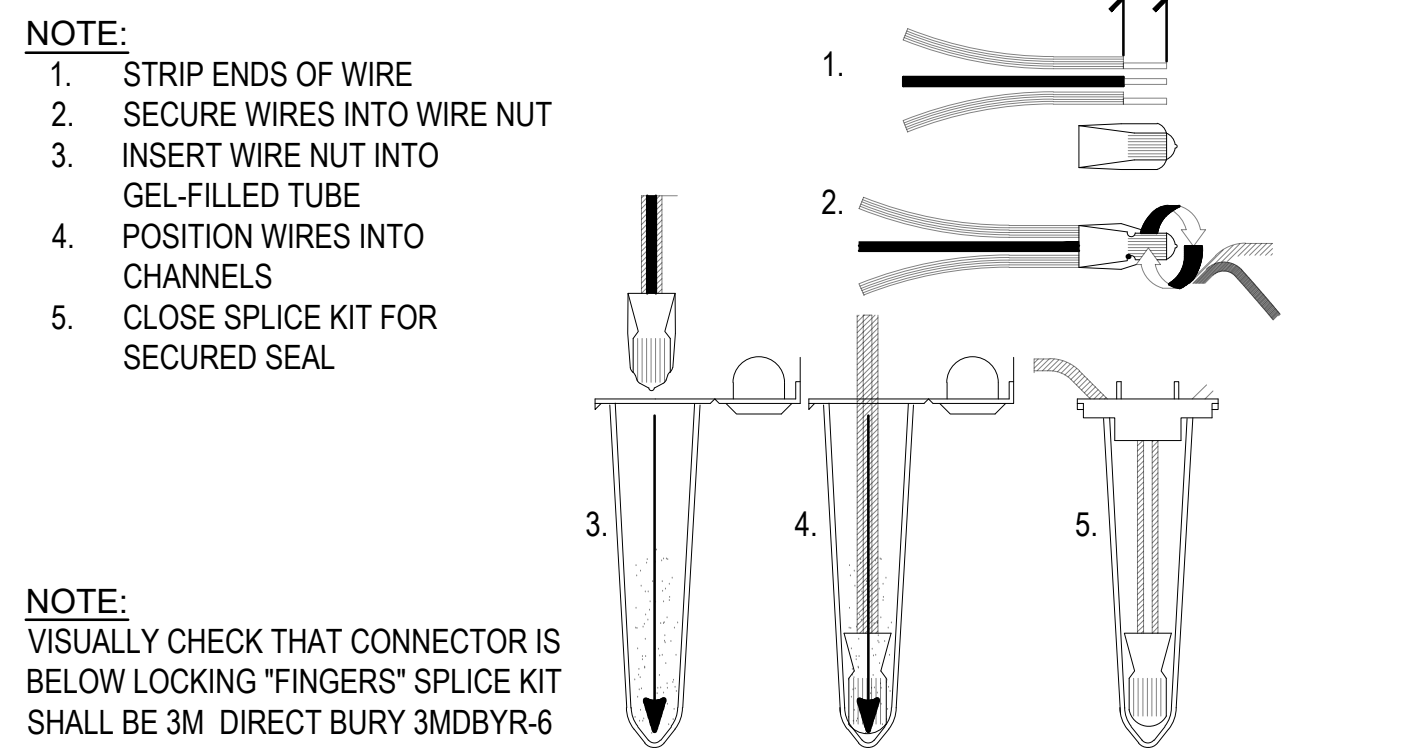
- NOTE:
1. ALL SLEEVES TO BE PVC SCHEDULE 40, UNLESS NOTED OTHERWISE.
 2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
 3. DO NOT INSTALL LATERAL PIPE WITH MAIN LINE PIPE IN THE SAME SLEEVE.
 4. DO NOT INSTALL WIRE WITH LATERAL OR MAIN LINE PIPE IN THE SAME SLEEVE.
 5. DO NOT INSTALL POWER WIRE & COMMUNICATION WIRE IN THE SAME SLEEVE.
 6. MECHANICALLY TAMP TO 95% PROCTOR.

8 SLEEVE DETAIL SCALE: N.T.S.

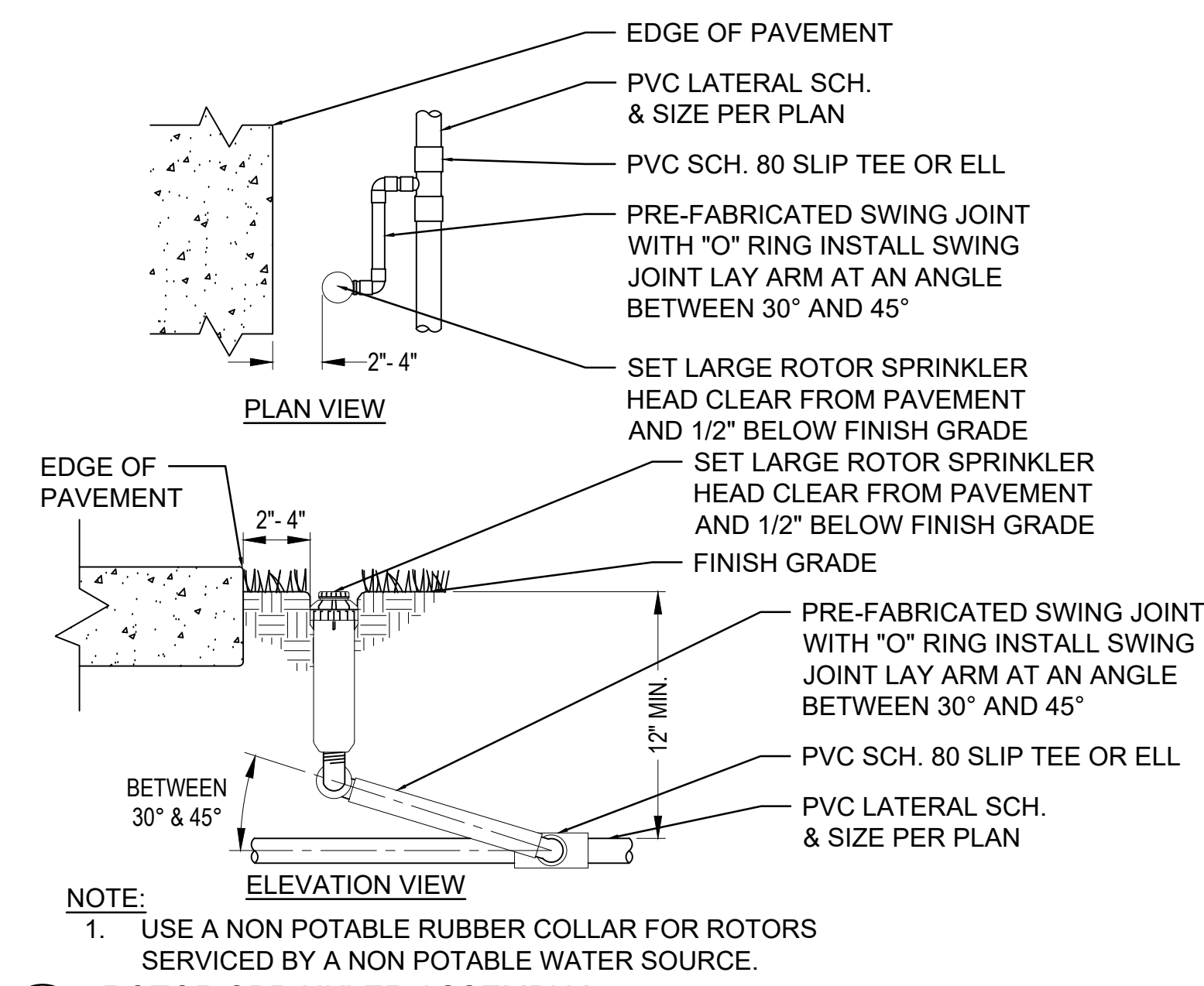


- SECTION
- NOTE:
1. INSTALL CONTROLLER ENCLOSURE TO WALL AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. CONTRACTOR TO GROUND CONTROLLER IN ACCORDANCE WITH THE STANDARDS ESTABLISHED BY THE AMERICAN SOCIETY OF IRRIGATION CONSULTANTS EARTH GROUNDING
 3. GUIDELINES 100-2002 AS SPECIFIED BY RAINBIRD.
 4. ALL ELECTRICAL WORK TO CONFORM TO LOCAL CODES.
 5. USE RAINBIRD LXXM METAL ENCLOSURE.

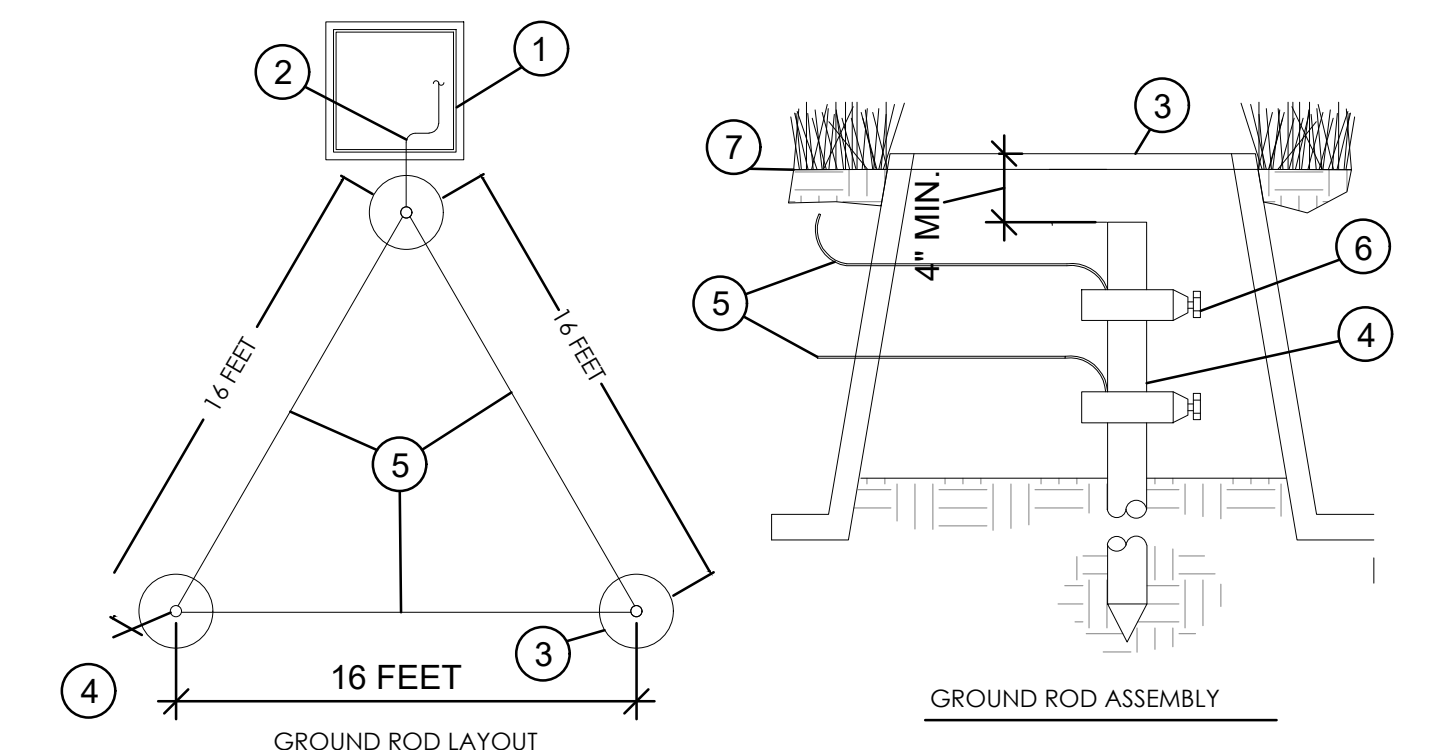
2 WALL MOUNT CONTROLLER ENCLOSURE SCALE: N.T.S.



5 3M DIRECT BURY SPLICE KIT SCALE: N.T.S.

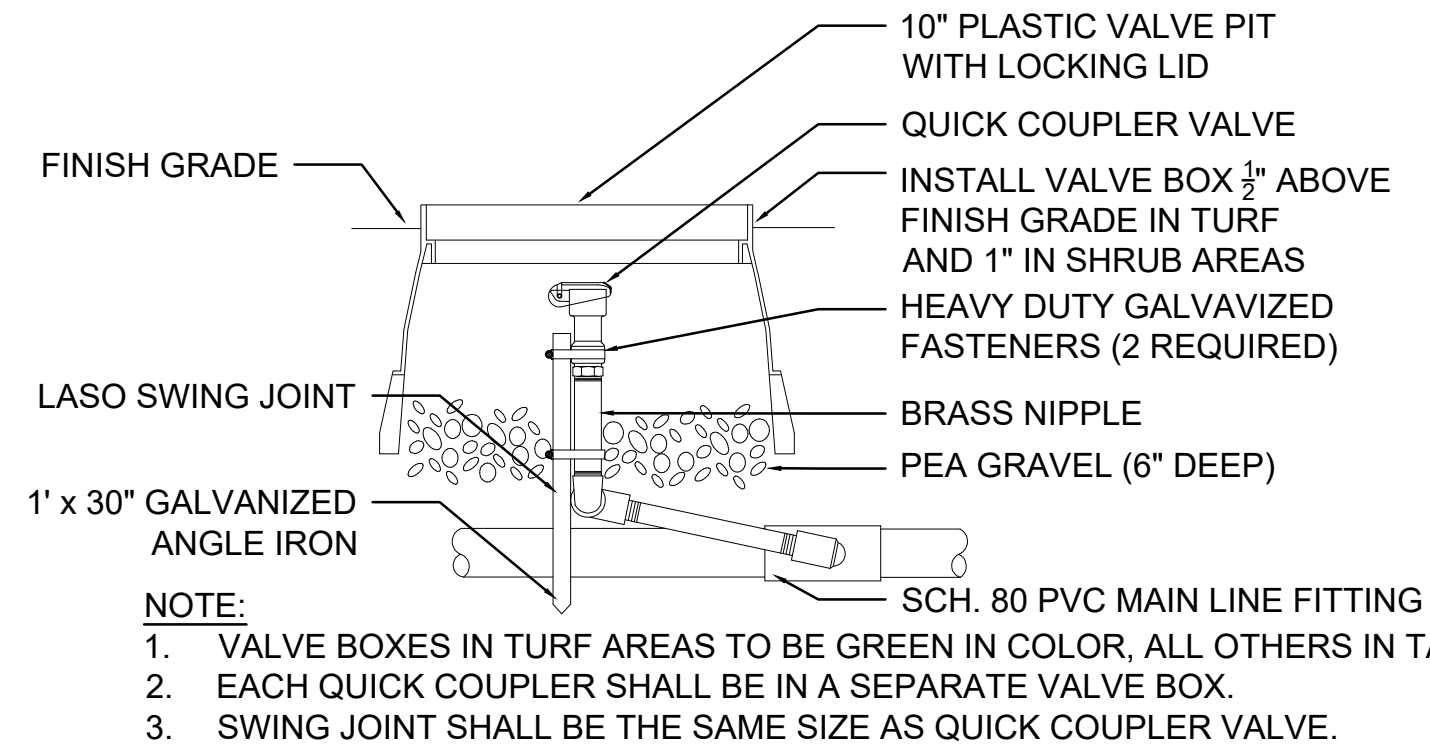


9 ROTOR SPRINKLER ASSEMBLY SCALE: N.T.S.

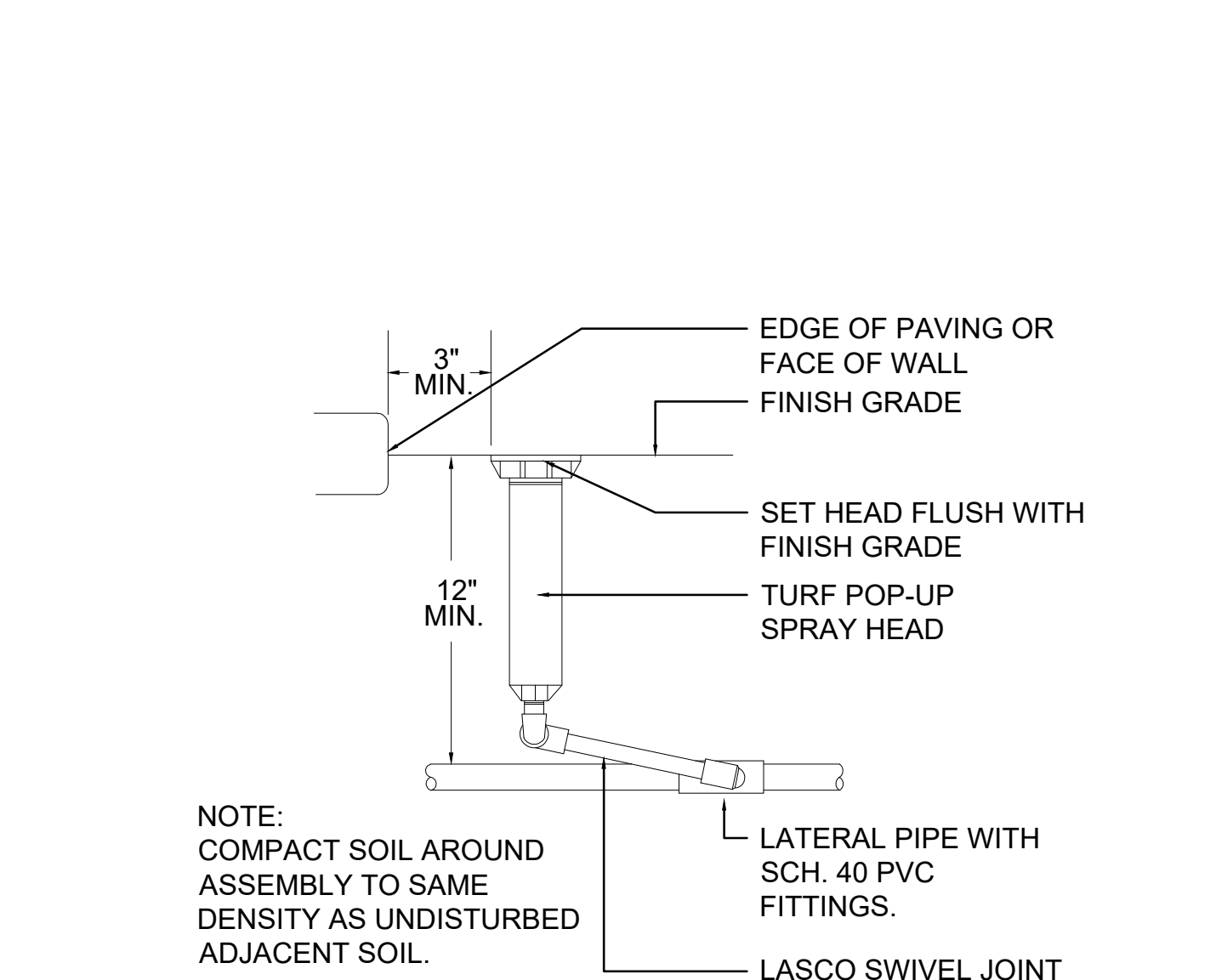


- KEYNOTES:
1. RAIN BIRD CONTROLLER
 2. SOLID BARE COPPER WIRE (#10 AWG) FROM GROUNDING ROD TO CONTROLLER. MAKE SURE WIRE AS SHORT & STRAIGHT AS POSSIBLE
 3. COVER GROUNDING ROD WITH 10-INCH ROUND VALVE BOX AS SHOWN
 4. 5/8-INCH X 8 FT COPPER CLAD GROUNDING ROD OR GROUNDING PLATE. INSTALL RODS IN SOIL IN A TRIANGULAR PATTERNED SPACED A MINIMUM OF 16 FT APART FROM EACH OTHER. GROUNDING GRID TO HAVE A RESISTANCE OF TEN (10) OHM OR LESS.
 5. BARE COPPER WIRE (#10 AWG MIN.) BETWEEN GROUNDING RODS
 6. GROUND ROD CLAMP OR WELDS
 7. FINISH GRADE

3 CONTROLLER / DECODER EARTH GROUND SCALE: N.T.S.



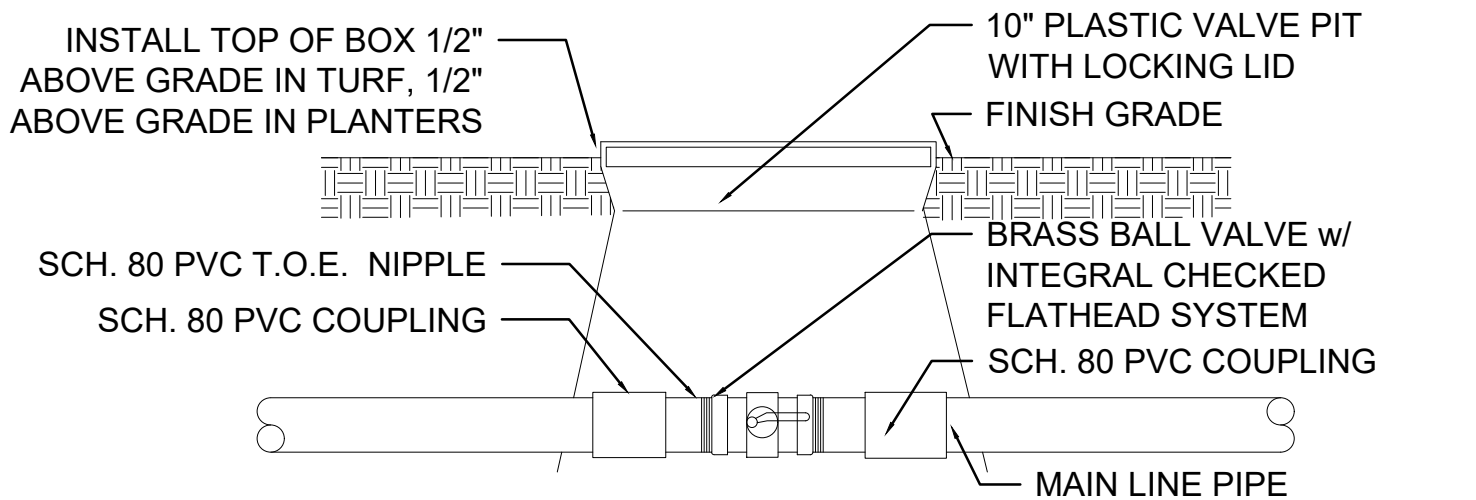
6 QUICK COUPLER VALVE SCALE: N.T.S.



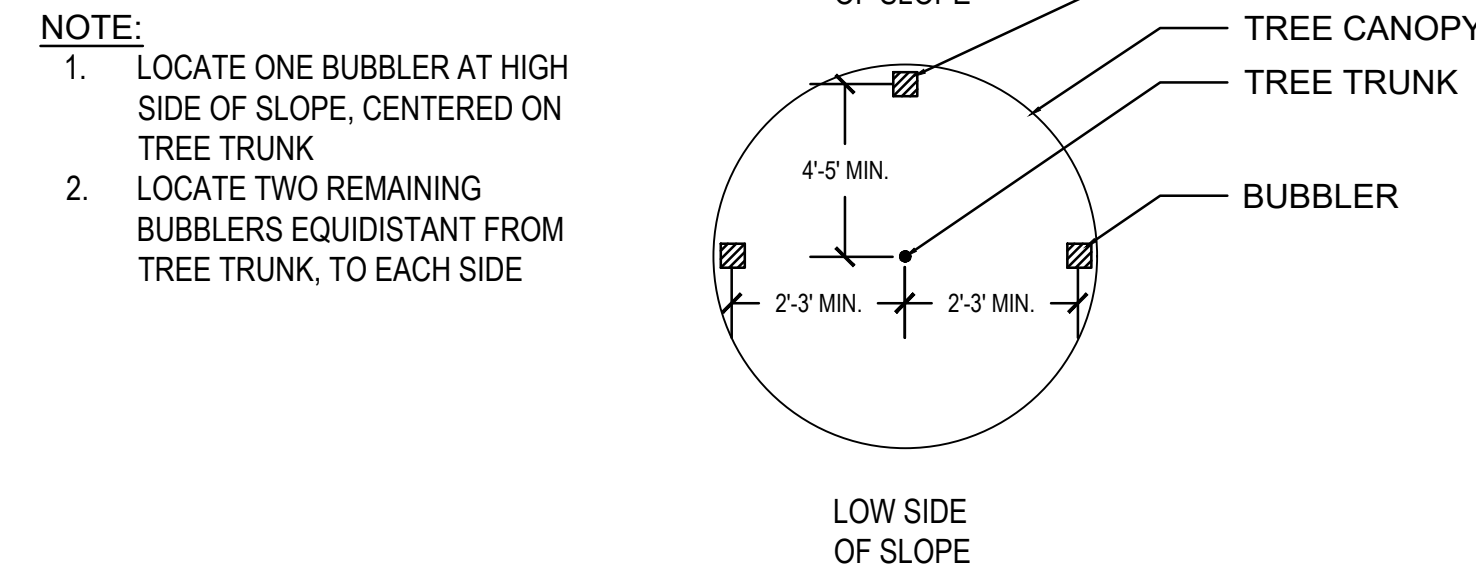
10 TURF SPRAY POP-UP SCALE: N.T.S.

GENERAL NOTES

1. THIS IRRIGATION SYSTEM REQUIRES A MINIMUM OF 53 PSI WATER PRESSURE AT WATER METER.
2. THE CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING ON PROJECT TO VERIFY INSTALLATION CONDITIONS.
3. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY HIS/HER WORK, AND HE/SHE SHALL BE RESPONSIBLE FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF HIS/HER IRRIGATION INSTALLATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPENSATING THE OWNER AND/OR THE OWNER'S REPRESENTATIVE FOR ANY DESIGN CHANGES MADE AS A RESULT OF DEVIATION BY THE CONTRACTOR FROM THE PLANS AND SPECIFICATIONS OR DUE TO ERRORS, FAULTY MATERIAL OR FAULTY WORKMANSHIP.
5. INSTALL ALL MAINLINES WITH A MINIMUM OF 20" OF COVER.
6. INSTALL ALL LATERALS WITH A MINIMUM OF 12" OF COVER.
7. ALL PIPE TO BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS AND ASTM STANDARD D 2774.
8. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. USE LIQUID TEFLON ON METAL PIPE THREADS ONLY.
9. FLUSHING OF ALL LINES PRIOR TO INSTALLATION OF SPRINKLERS AND EMITTERS IS REQUIRED.
10. INSTALL ALL SPRINKLERS, EMITTERS, AND RELATED MATERIAL PER IRRIGATION SYSTEM SPECIFICATIONS AND DETAILS.
11. INSTALL ALL ELECTRICAL JOINTS WITH 3-M WATERPROOF CONNECTORS.
12. ALL ELECTRICAL CONNECTIONS SHALL BE MADE AT THE REMOTE CONTROL VALVE BOXES, CONTROLLER ENCLOSURES AND VALVE BOXES SPECIFICALLY FOR ELECTRICAL CONNECTIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL WIRING FROM THE CIRCUIT BREAKER AT THE 120 VOLT SOURCE LOCATION TO AUTOMATIC CONTROLLER.
14. ALL 120 VOLT VOLT POWER WIRE TO BE INSTALLED PER LOCAL CODE.
15. INSTALL ALL VALVE WIRING IN MAINLINE TRENCH AS DETAILED.
16. INSTALL ALL REMOTE CONTROL VALVES AT HEIGHT INDICATED ON DETAILS, AS HIGH AS POSSIBLE BUT ALLOWING CLEARANCE BETWEEN VALVE BOX LID AND FLOW CONTROL HANDLE ON REMOTE CONTROL VALVE.
17. INSTALL ALL MAINLINE GATE VALVES IN A ROUND PLASTIC VALVE BOX PER DETAILS.
18. ALL PVC SOLVENT WELD FITTINGS SHALL BE LASCO OR APPROVED EQUAL.
19. THE MAINLINE AND LATERAL PIPE, VALVES ARE SHOWN SCHEMATICALLY AND SHALL BE INSTALLED WITHIN THE LANDSCAPE AREA, ADJACENT TO SIDEWALK.
20. SUPPLY THE FOLLOWING MATERIAL TO THE OWNER:
- 20.A. TWO WRENCHES FOR DISASSEMBLY AND ADJUSTING OF EACH TYPE OF SPRINKLER HEAD AND VALVE SUPPLIED.
- 20.B. TWO KEYS FOR EACH OF THE CONTROLLERS.
- 20.C. TWO COUPLERS WITH MATCHING HOSE BIBBS AND SHUT-OFF VALVE.
21. ALL MAINLINE FITTINGS TO BE SCH. 80 PVC
22. VALVE BOXES TO BE TAN IN COLOR FOR VALVES LOCATED IN PLANTERS; GREEN FOR VALVES IN TURF AREAS.



7 BRASS BALL VALVE (ISOLATION VALVE) SCALE: N.T.S.



11 TREE BUBBLER ON SLOPE SCALE: N.T.S.

CASTLE ROCK HOSPITAL
CANCER CENTER BUILD OUT

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Castle Rock, CO 80109

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ISSUED FOR DATE

CONCEPT MEETING PACKAGE - 12/19/2025

SEALS AND SIGNATURES

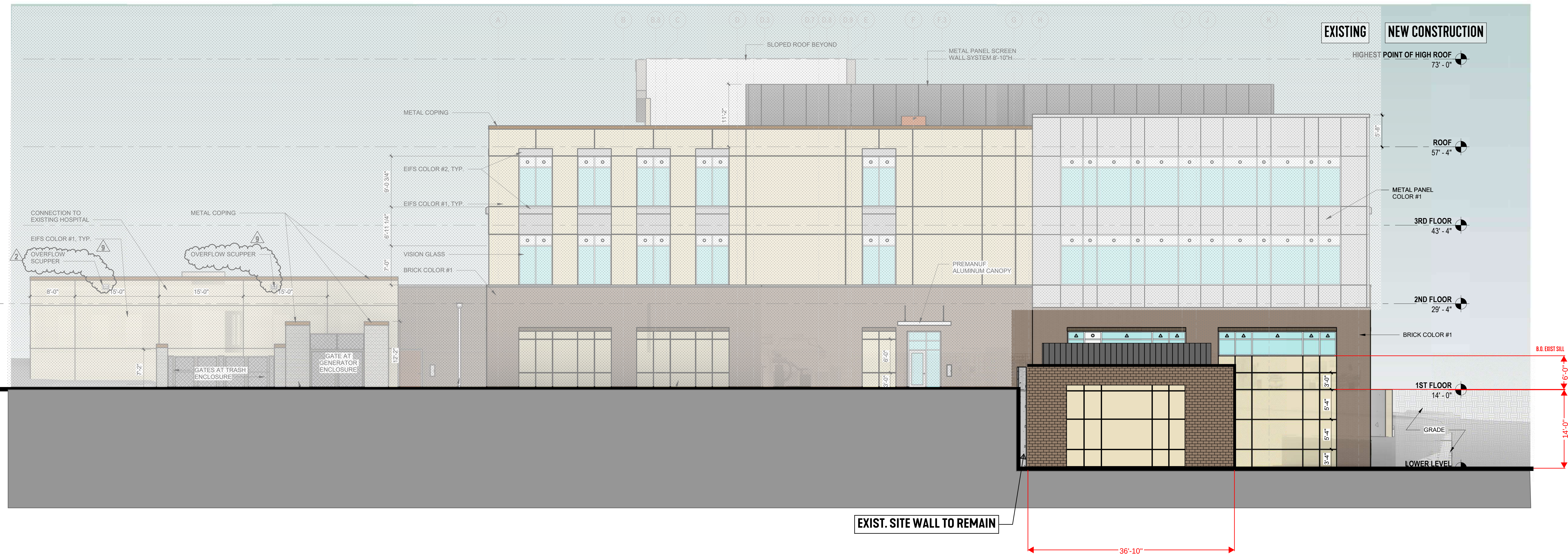
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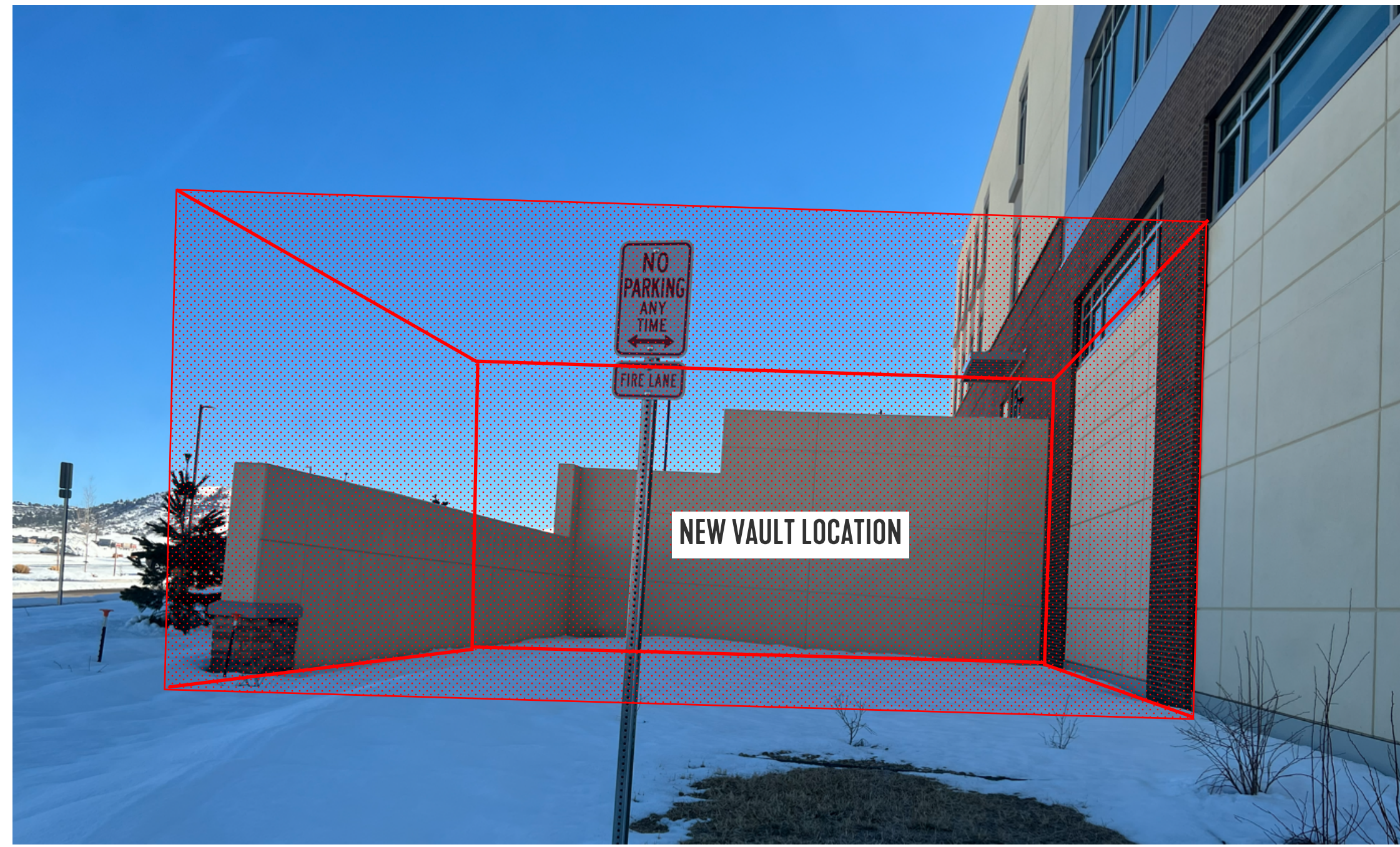
SHEET TITLE
EXTERIOR BUILDING
ELEVATIONS

PROJECT NUMBER 15159.00

A4.1.1

SHEET NUMBER



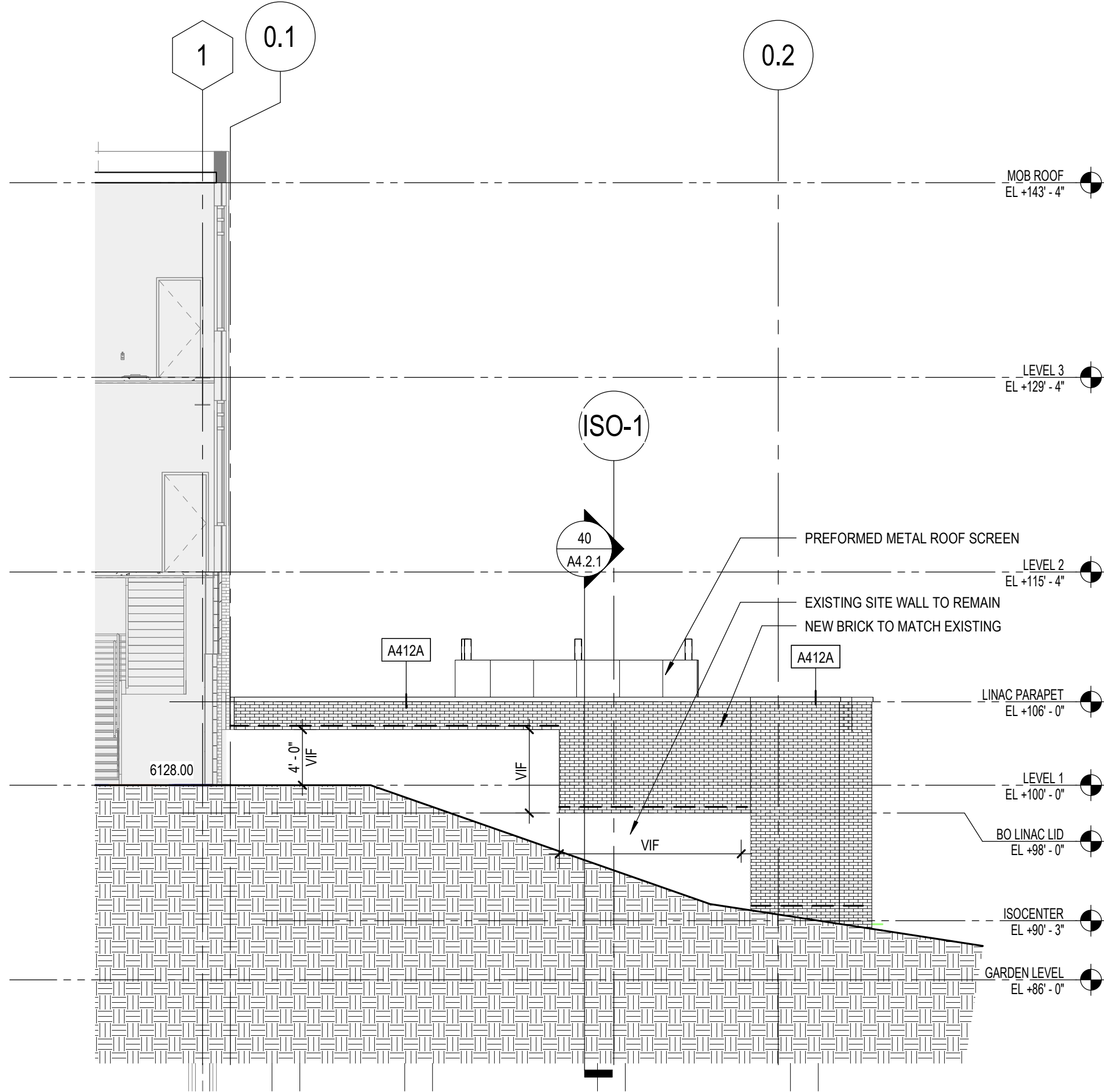


NORTH ELEVATION

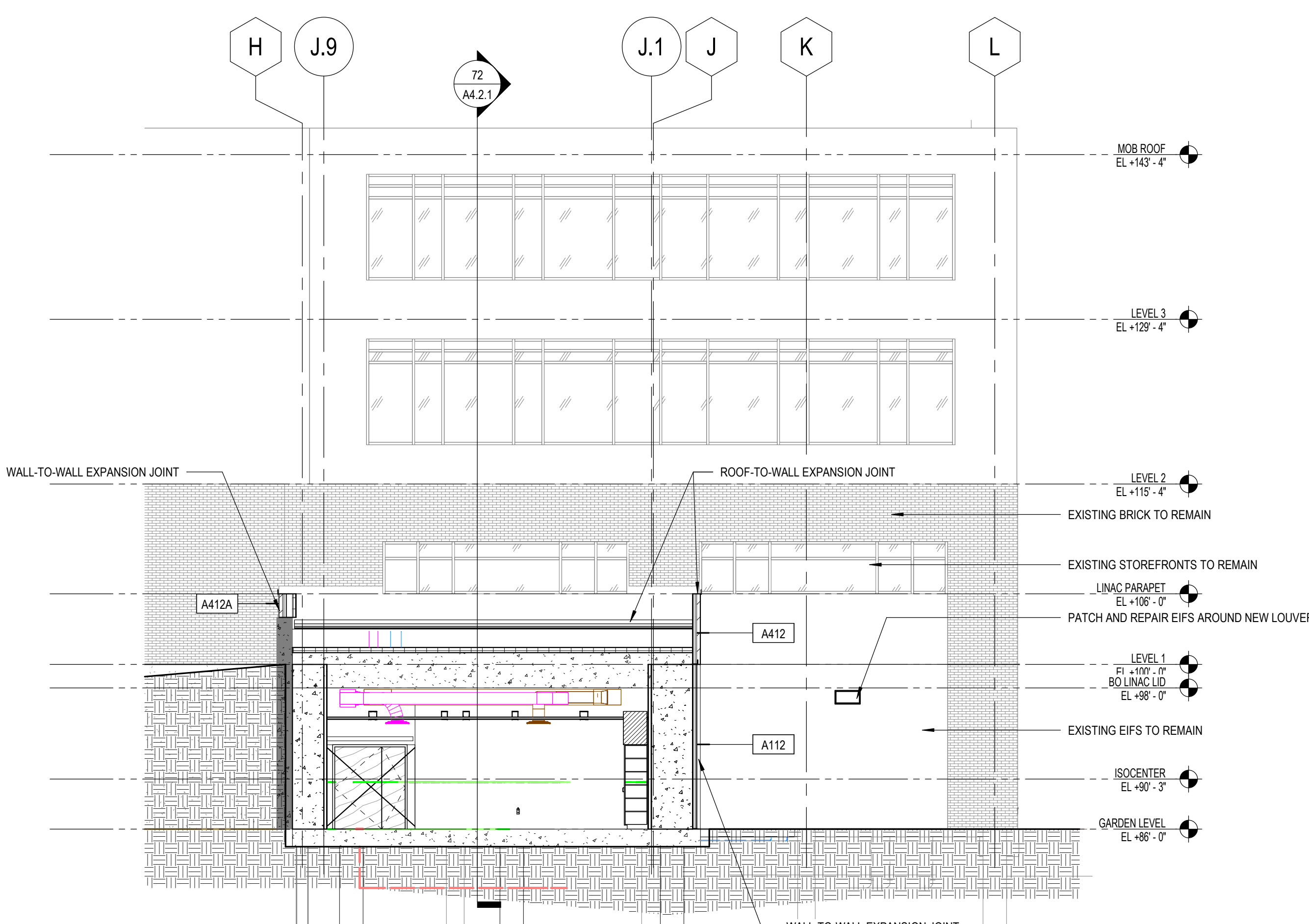


NEW VAULT LOCATION

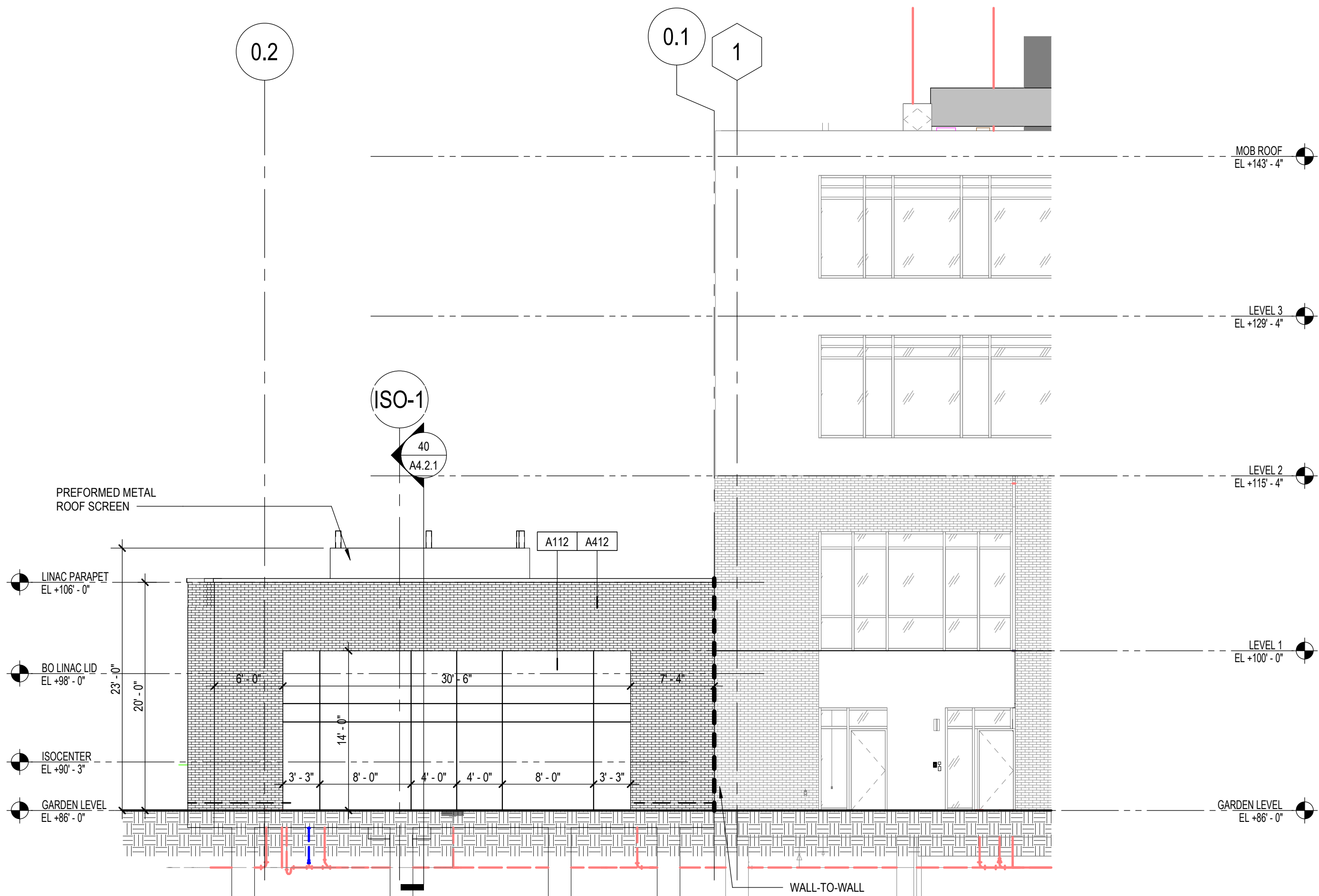
WEST ELEVATION



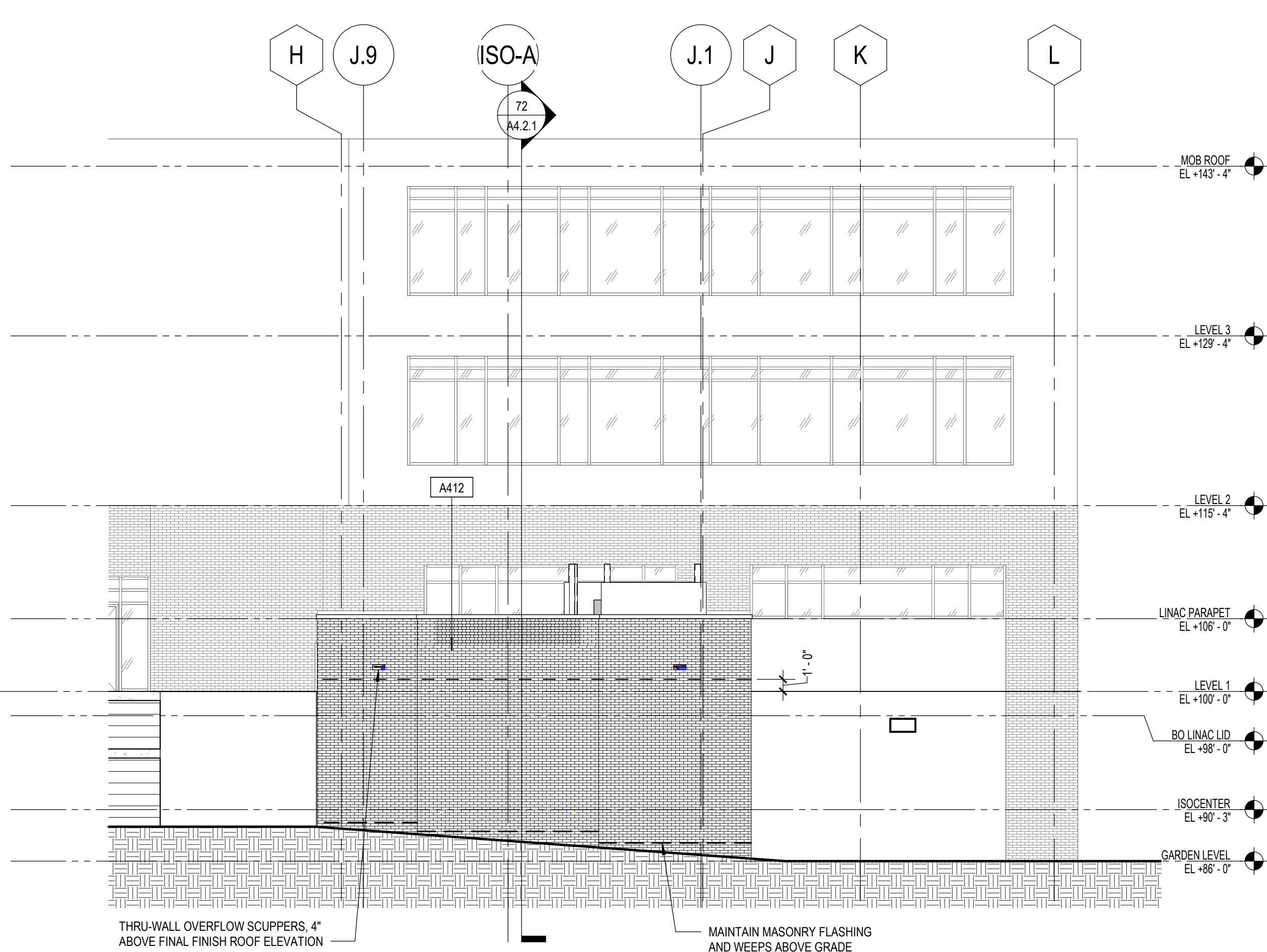
69 EXTERIOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"



37 EXTERIOR ELEVATION - NORTH THRU VAULT
SCALE: 1/8" = 1'-0"



72 EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



40 EXTERIOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"

GRAPHIC LEGEND



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GENERAL SHEET NOTES

- REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.
- REFER TO THE A4.X SERIES SHEETS FOR EXTERIOR WINDOW AND LOUVER FRAME ELEVATIONS.

ISSUED FOR DATE

CONCEPT MEETING PACKAGE - 12/19/2025

SEALS AND SIGNATURES

NOT FOR
CONSTRUCTION

○ SHEET KEYNOTES

SHEET TITLE
EXTERIOR BUILDING
ELEVATIONS - GARDEN
LEVEL

PROJECT NUMBER 15159.00

A4.1.1

SHEET NUMBER