

OWNER



University of St. Thomas
St. Paul, MN

CONSULTANTS



MEYEF HNSON
STRUCTURAL DESIGN + ENGINEERING

PROJECT INFORMATION
**LEE & PENNY
ANDERSON
MULTIPURPOSE
ARENA**

2260 SUMMIT AVE
ST. PAUL, MN 55105

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of Minnesota

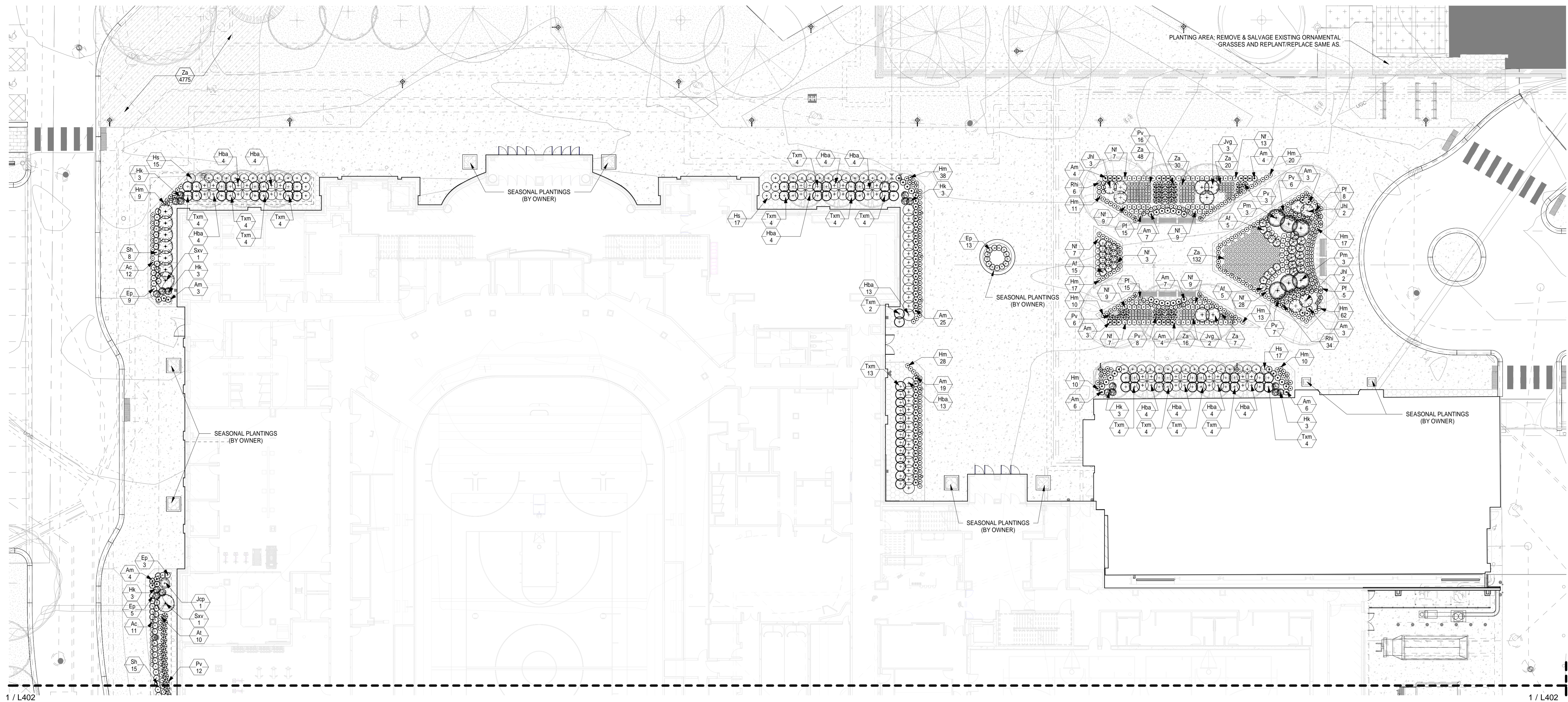
Name: **JCB**
JUSTIN C. BAGGENSTOSS

REGISTRATION NO. DATE
LA 52753 01/19/2024

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DRAWN BY: JCB CHECKED BY: JCB
JOB NO. DATE
701480 01/19/2024

ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
2	06/22/2023	50% SCHEMATIC DESIGN
3	08/25/2023	100% SCHEMATIC DESIGN
4	11/03/2023	50% DESIGN DEVELOPMENT
DD	01/19/2024	100% DESIGN DEVELOPMENT



1 LANDSCAPE SHRUB/PERENNIAL PLANTING PLAN DETAIL-NORTH
1/16" = 1'-0"

PLANT SCHEDULE

SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
TREES									
Coniferous Tree									
7	PR	NORWAY PINE	<i>Pinus resinosa</i>	10' B&B	40/25'				
Deciduous Tree									
2	AFS	SIENNA GLEN MAPLE	<i>Acer x freemanii</i> 'Sienna' (P11.322)	3' B&B	50/35'			No	
3	AFS	SIENNA GLEN MAPLE-1	<i>Acer x freemanii</i> 'Sienna' (P11.322)	6-8" CAL. (SPADED)	50/35'			No	
23	CC	THORNLESS HAWTHORN	<i>Crataegus crus-galli</i> var. <i>inermis</i>	2.5' B&B	20/20'			Yes	
5	GB	PRINCETON SENTRY GINKGO	<i>Ginkgo biloba</i> 'Princeton Sentry'	2.5' B&B	50/24'			No	
2	GD	KENTUCKY ESPRESSO COFFEE TREE	<i>Gymnocladus dioica</i> 'Espresso-JFS'	6-8" CAL. (SPADED)	50/40'			Yes	
11	MA	AMUR SUMMERTIME MAACKIA	<i>Maackia amurensis</i> 'Summertime'	2' B&B	20/12'			Yes	
5	QA	CRIMSON SPIRE OAK	<i>Quercus alba</i> x <i>Quercus robur</i> (PP9.103)	2.5' B&B	40/15'			No	
3	QB	SWAMP WHITE OAK	<i>Quercus bicolor</i>	2.5' B&B	50/40'			No	
1	QB.1	SWAMP WHITE OAK-1	<i>Quercus bicolor</i>	6-8" CAL. (SPADED)	50/40'			No	
3	TA	REDMOND LINDEN	<i>Tilia americana</i> 'Redmond'	2.5' B&B	50/30'			No	
3	TA.1	REDMOND LINDEN-1	<i>Tilia americana</i> 'Redmond'	5" CAL. (SPADED)	50/30'			No	
5	UX	PATRIOT ELM	<i>Ulmus</i> x 'Patriot'	2.5' B&B	45/28'			No	

SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
SHRUBS									
Coniferous Shrub									
8	Jcp	PENCIL POINT JUNIPER	<i>Juniperus communis</i> 'Pencil Point'	#5 CONT.	8/2'			plant per plan	
7	JH	LIME GROW JUNIPER	<i>Juniperus horizontalis</i> 'Lime Glow'	#3 CONT.	18/15'			plant per plan	
8	Jvg	GREY OWL JUNIPER	<i>Juniperus virginiana</i> 'Grey Owl'	#5 CONT.	24/4'			plant per plan	
7	Jv	TAYLOR JUNIPER	<i>Juniperus virginiana</i> 'Taylor'	6' B&B	20/36'			plant per plan	
6	Pm	TANNENBAUM MUGO PINE	<i>Pinus mugo</i> 'Tannenbaum'	5' B&B	12/6'			plant per plan	
72	Txm	TAUNTON YEW	<i>Taxus x media</i> 'Taunton'	24" B&B	36/42'			plant per plan	
Deciduous Shrub									
106	Am	LOWSCAPE MOUND CHOKEBERRY	<i>Aronia melanocarpa</i> 'UConnM165' (PP28.7.89)	#5 CONT.	16/24"			plant per plan	Yes
18	Cs	ARTIC FIRE DOGWOOD	<i>Cornus stolonifera</i> 'Farrow' (PP18.523)	#5 CONT.	5/4'			plant per plan	Yes
19	DI	DWARF BUSH HONEYSUCKLE	<i>Diervilla lonicera</i>	#5 CONT.	42/36"			plant per plan	No
24	HK	KALM AMES HYPERICUM	<i>Hypericum kalmianum</i> 'Ames'	#2 CONT.	30/30"			plant per plan	Yes
23	Lv	STRAIGHT TALK PRIVET	<i>Ligustrum vulgare</i> 'Swirl'	#5 CONT.	10/2'			plant per plan	Yes
27	Px	MINIATURE SNOWFLAKE HYDRANGEA	<i>Philadelphus</i> x 'Miniature Snowflake'	#5 CONT.	3/30"			plant per plan	Yes
2	Sxv	VANHOUTTE RENAISSANCE SPIRAEA	<i>Spiraea x vanhouttei</i> 'Renaissance'	#5 CONT.	5/6'			plant per plan	Yes
6	Vt	COMPACT AMERICAN VIBURNUM	<i>Viburnum trilobum</i> 'Bailey Compact'	#10 CONT.	5/5'			plant per plan	No

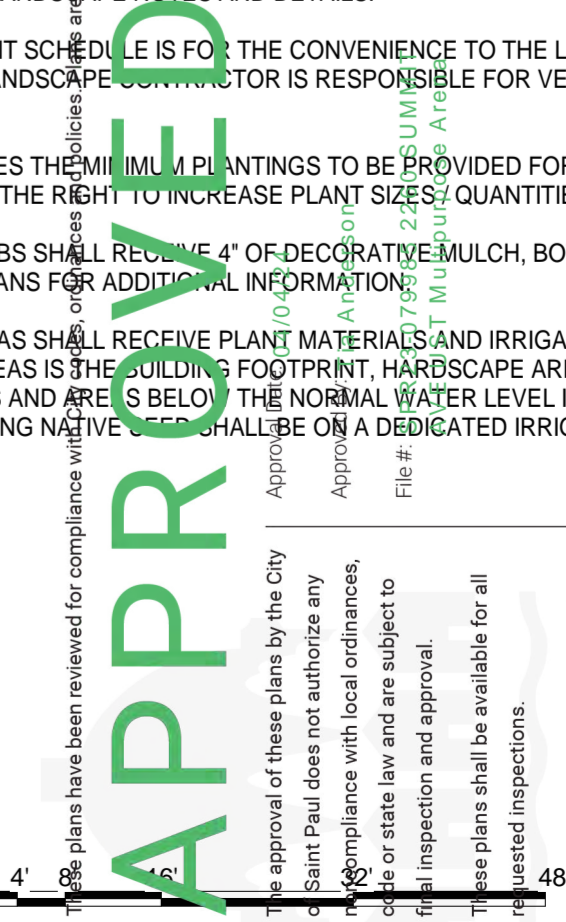
SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
PERENNIALS/VINES/GRASSES									
27	At	GIANT BLUE HYSSOP	<i>Agastache foeniculum</i>	#1 CONT.	30/30"			plant per plan	Yes
42	At	BUTTERFLY FLOWER	<i>Asclepias tuberosa</i>	#1 CONT.	36/20"			plant per plan	Yes
43	Ac	PUMILA ASTILBE	<i>Astilbe chinensis</i> 'Pumila'	#1 CONT.	10/16"			plant per plan	No
19	Cv	MOONBEAM COREOPSIS	<i>Coreopsis verticillata</i> 'Moonbeam'	#1 CONT.	18/18"			plant per plan	Yes
26	Ep	POWPOW WILD BERRY CONEFLOWER	<i>Echinacea purpurea</i> 'Pis702917'	#1 CONT.	24/24"			plant per plan	Yes
48	Ho	ERIN LEA DAYLILY	<i>Hemerocallis</i> 'Erin Lea'	#1 CONT.	24/24"			plant per plan	No
244	Hm	PALACE PURPLE CORAL BELLS	<i>Heuchera micrantha</i> 'Palace Purple'	#1 CONT.	18/18"			plant per plan	No
66	Hba	BLUE ANGEL HOSTA	<i>Hosta</i> 'Blue Angel'	#1 CONT.	36/48"			plant per plan	Yes
49	Hs	SUM AND SUBSTANCE HOSTA	<i>Hosta</i> 'Sum and Substance'	#1 CONT.	36/48"			plant per plan	Yes
128	Nf	PURISHAN BLUE CATMINT	<i>Nepeta faassenii</i> 'Purishan Blue' (PP24.788)	#1 CONT.	18/22"			plant per plan	Yes
99	Pv	SHENANDOAH RED SWITCH GRASS	<i>Panicum virgatum</i> 'Shenandoah'	#3 CONT.	36/26"			plant per plan	No
127	Pr	LITTLE SPIRE RUSSIAN SAGE	<i>Perovskia</i> 'Flagrani'	#1 CONT.	24/18"			plant per plan	Yes
40	Rh	BLACK EYED SUSAN	<i>Rudbeckia hirta</i>	#1 CONT.	30/18"			plant per plan	Yes
70	Sh	PRAIRIE DROPSSEED	<i>Sporobolus heterolepis</i>	#1 CONT.	24/24"			plant per plan	No
6187	Za	GOLDEN ALEXANDER	<i>Zizia aurea</i>	4" CONT.	20/14"		12" o.c.	Yes	

GENERAL NOTES

- SEE SHEET L401-L402 FOR ADDITIONAL AND SUPPLEMENTAL PLANTING IDENTIFICATION
- ONLY SHRUBS/PERENNIALS/GROUNDCOVERS ARE IDENTIFIED ON THIS PLAN FOR GRAPHIC CLARITY.
- ALL PLANTING MATERIAL SHALL BE LOCATED 2 FEET AWAY FROM BUILDINGS AT MATURITY. PROPOSED PLANTING SCHEDULE IS DEVELOPED USING SPECIES THAT ARE RECOMMENDED BY THE UNIVERSITY OF ST. THOMAS
-

PLANTING NOTES

- REFER TO CIVIL GRADING PLAN FOR PROPOSED GRADING AND EROSION CONTROL INFORMATION.
- REFER TO L-500 FOR LANDSCAPE NOTES AND DETAILS.
- THE LANDSCAPE PLANT SCHEDULE IS FOR THE CONVENIENCE TO THE LANDSCAPE CONTRACTOR. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE PLANT COUNTS ON PLAN.
- THIS PLAN ILLUSTRATES THE MINIMUM PLANTINGS TO BE PROVIDED FOR CITY APPROVAL. THE OWNER RETAINS THE RIGHT TO INCREASE PLANT SIZES/QUANTITIES.
- ALL TREES AND SHRUBS SHALL RECEIVE 4" OF DECORATIVE MULCH, BOTH HARDWOOD AND ROCK MULCH. SEE PLANS FOR ADDITIONAL INFORMATION.
- ALL OPEN SPACE AREAS SHALL RECEIVE PLANT MATERIALS AND IRRIGATION. EXCLUDED FROM IRRIGATION AREAS IS THE BUILDING FOOTPRINT, HARDSCAPE AREAS, ROCK MULCH MAINTENANCE STRIPS AND AREAS BELOW THE NORMAL WATER LEVEL IN STORMWATER BMPs. AREAS RECEIVING WATER SHALL BE ON A DEDICATED IRRIGATION ZONE.

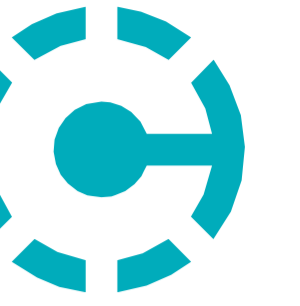


100% DD SET

01/19/2024

**SHRUB/PERENNIAL
PLANTING PLAN
DETAIL-NORTH**

L401



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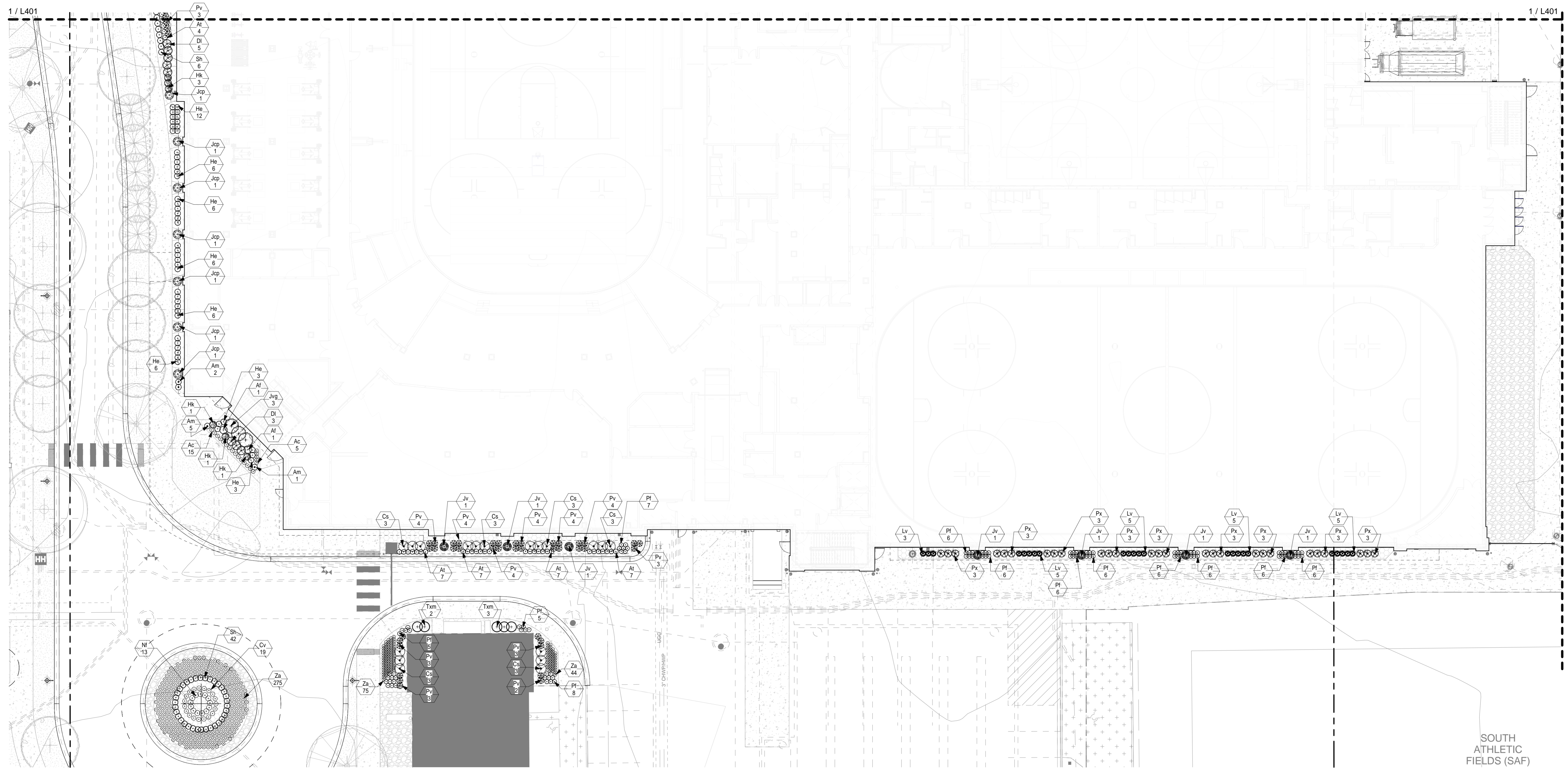
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100% DD SET

01/19/2024

**SHRUB/PERENNIAL
PLANTING PLAN
DETAIL-SOUTH**

L402



1 LANDSCAPE SHRUB/PERENNIAL PLANTING PLAN DETAIL-SOUTH
1/16" = 1'-0"

PLANT SCHEDULE

SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
TREES									
Coniferous Tree									
7	PR		NORWAY PINE	<i>Pinus resinosa</i>	10' B&B	40'	25'		
Deciduous Tree									
2	AFS		SIENNA GLEN MAPLE	<i>Acer x freemanii 'Sienna'</i> (P11.322)	3" B&B	50'	35'		No
3	AFS	1	SIENNA GLEN MAPLE-1	<i>Acer x freemanii 'Sienna'</i> (P11.322)	6-8" CAL. (SPADED)	50'	35'		No
23	CC		THORNLESS HAWTHORN	<i>Crataegus crus-galli</i> var. <i>inermis</i>	2.5" B&B	20'	20'		Yes
5	GB		PRINCETON SENTRY GINKGO	<i>Ginkgo biloba 'Princeton Sentry'</i>	2.5" B&B	50'	24'		No
2	GD		KENTUCKY ESPRESSO COFFEE TREE	<i>Gymnocladus dioica</i> 'Espresso-JFS'	6-8" CAL. (SPADED)	50'	40'		Yes
11	MA		AMUR SUMMERTIME MAACKIA	<i>Maackia amurensis 'Summertime'</i>	2" B&B	20'	12'		Yes
5	OA		CRIMSON SPIRE OAK	<i>Quercus alba</i> x <i>Quercus robur</i> (PP9.103)	2.5" B&B	40'	15'		No
3	OB		SWAMP WHITE OAK	<i>Quercus bicolor</i>	2.5" B&B	50'	40'		No
1	OB	1	SWAMP WHITE OAK-1	<i>Quercus bicolor</i>	6-8" CAL. (SPADED)	50'	40'		No
3	TA		REDMOND LINDEN	<i>Tilia americana 'Redmond'</i>	2.5" B&B	50'	30'		No
3	TA	1	REDMOND LINDEN-1	<i>Tilia americana 'Redmond'</i>	5" CAL. (SPADED)	50'	30'		No
5	UX		PATRIOT ELM	<i>Ulmus x 'Patriot'</i>	2.5" B&B	45'	28'		No

SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
SHRUBS									
Coniferous Shrub									
8	Jp		PENCIL POINT JUNIPER	<i>Juniperus communis 'Pencil Point'</i>	#5 CONT.	8'Z		plant per plan	
7	JH		LIME GLOW JUNIPER	<i>Juniperus horizontalis 'Lime Glow'</i>	#3 CONT.	18'5"		plant per plan	
8	Jvg		GREY OWL JUNIPER	<i>Juniperus virginiana 'Grey Owl'</i>	#5 CONT.	24'4"		plant per plan	
7	Jv		TAYLOR JUNIPER	<i>Juniperus virginiana 'Taylor'</i>	6" B&B	20'36"		plant per plan	
6	Pm		TANNENBALM MUGO PINE	<i>Pinus mugo 'Tannenbaum'</i>	5" B&B	12'6"		plant per plan	
72	Txm		TAUNTON YEW	<i>Taxus x media 'Taunton'</i>	24" B&B	36'42"		plant per plan	
Deciduous Shrub									
106	Am		LOWSCAPE MOUND CHOKEBERRY	<i>Aronia melanocarpa 'UCONNAM165'</i> (PP28.78)	#5 CONT.	16'24"		plant per plan	Yes
18	Cs		ARTIC FIRE DOGWOOD	<i>Cornus stolonifera 'Farrow'</i> (PP18.523)	#5 CONT.	5'4"		plant per plan	Yes
19	DI		DWARF BUSH HONEYSUCKLE	<i>Diervilla toniperia</i>	#5 CONT.	42'36"		plant per plan	No
24	Hk		KALM AMES HYPERICUM	<i>Hypericum kalmianum 'Ames'</i>	#2 CONT.	30'30"		plant per plan	Yes
23	Lv		STRAIGHT TALK PRIVET	<i>Ligustrum vulgare 'Swift'</i>	#5 CONT.	10'Z		plant per plan	Yes
27	Px		MINIATURE SNOWFLAKE MOCKORANGE	<i>Philadelphus x 'Miniature Snowflake'</i>	#5 CONT.	3'30"		plant per plan	Yes
2	Skv		VANHOUTTE RENAISSANCE SPIRAEA	<i>Spiraea x vanhouttei 'Renaissance'</i>	#5 CONT.	5'6"		plant per plan	Yes
6	Vt		COMPACT AMERICAN VIBURNUM	<i>Viburnum trilobum 'Bailey Compact'</i>	#10 CONT.	5'5"		plant per plan	No

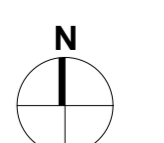
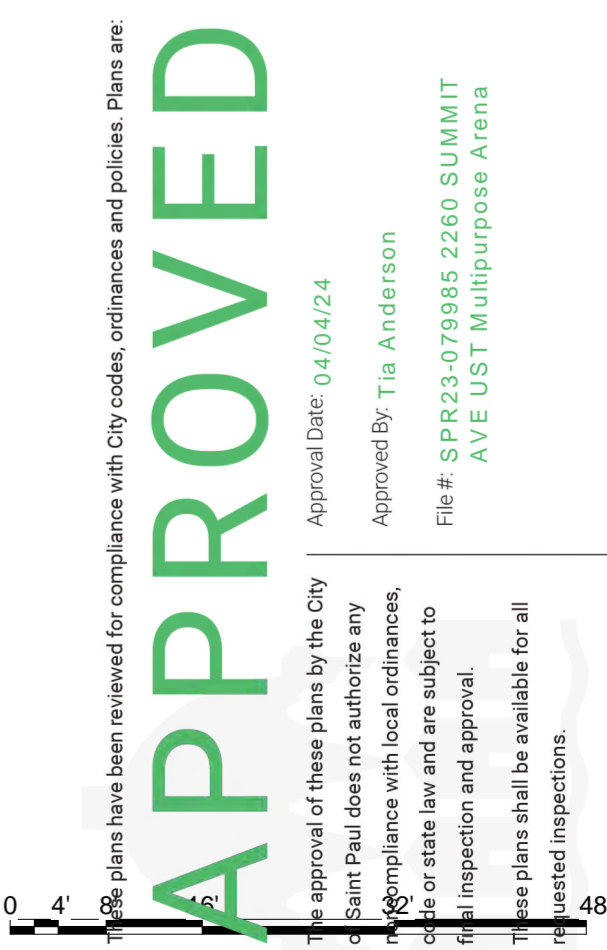
SYMBOL	QTY	ID	COMMON NAME	SCIENTIFIC NAME	PLANTING SIZE	MATURE HEIGHT	MATURE WIDTH	COMMENT	Pollinator
PERENNIALS/VINES/GRASSES									
27	Af		GIANT BLUE HYSSOP	<i>Agastache foeniculum</i>	#1 CONT.	30'30"		plant per plan	Yes
42	At		BUTTERFLY FLOWER	<i>Asclepias tuberosa</i>	#1 CONT.	36'20"		plant per plan	Yes
43	Ac		PUMILA ASTILBE	<i>Astilbe chinensis 'Pumila'</i>	#1 CONT.	10'116"		plant per plan	No
19	Cv		MOONBEAM COREOPSIS	<i>Coreopsis verticillata 'Moonbeam'</i>	#1 CONT.	18'118"		plant per plan	Yes
26	Ep		POWOW WILD BERRY CONEFLOWER	<i>Echinacea purpurea 'Pastorale'</i>	#1 CONT.	24'24"		plant per plan	Yes
48	He		ERIN LEA DAYLILY	<i>Hemerocallis 'Erin Lea'</i>	#1 CONT.	24'24"		plant per plan	No
244	Hm		PALACE PURPLE CORAL BELLS	<i>Heuchera micrantha 'Palace Purple'</i>	#1 CONT.	18'118"		plant per plan	No
66	Hba		BLUE ANGEL HOSTA	<i>Hosta 'Blue Angel'</i>	#1 CONT.	36'148"		plant per plan	Yes
49	Ho		SUM AND SUBSTANCE HOSTA	<i>Hosta 'Sum and Substance'</i>	#1 CONT.	36'48"		plant per plan	Yes
128	Nf		PURRSIAN BLUE CATMINT	<i>Nepeta faassenii 'Purrsian Blue'</i> (PP24.788)	#1 CONT.	18'22"		plant per plan	Yes
99	Pv		SHENANDOAH RED SWITCH GRASS	<i>Panicum virgatum 'Shenandoah'</i>	#3 CONT.	36'26"		plant per plan	No
127	Pf		LITTLE SPIRE RUSSIAN SAGE	<i>Perovskia 'Flagrant'</i>	#1 CONT.	24'118"		plant per plan	Yes
40	Rh		BLACK-EYED SUSAN	<i>Rudbeckia hirta</i>	#1 CONT.	30'118"		plant per plan	Yes
70	Sh		PRAIRIE DROPSEED	<i>Sporobolus heterolepis</i>	#1 CONT.	24'24"		plant per plan	No
6187	Za		GOLDEN ALEXANDER	<i>Zizia aurea</i>	4" CONT.	20'14"	12" o.c.	plant per plan	Yes

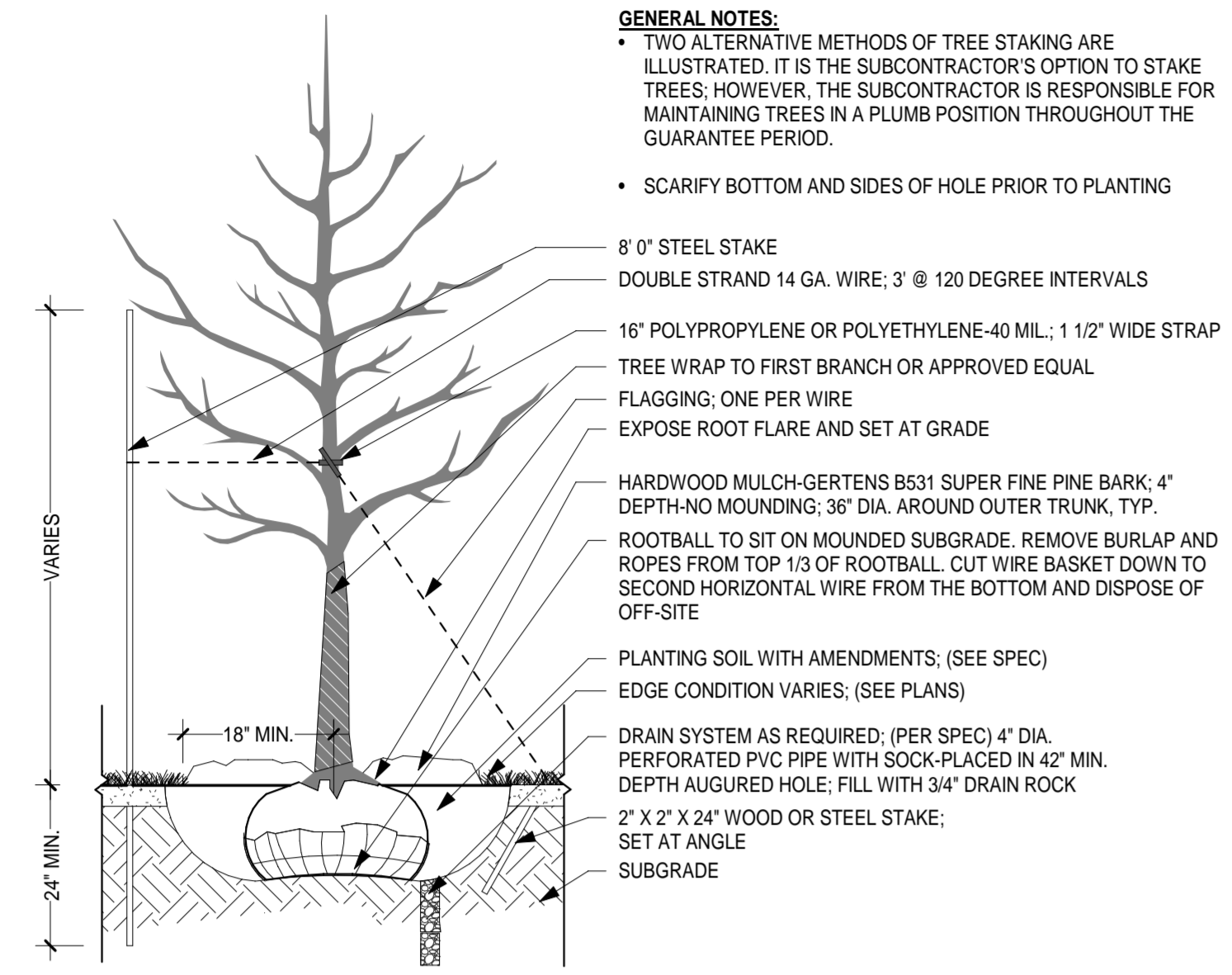
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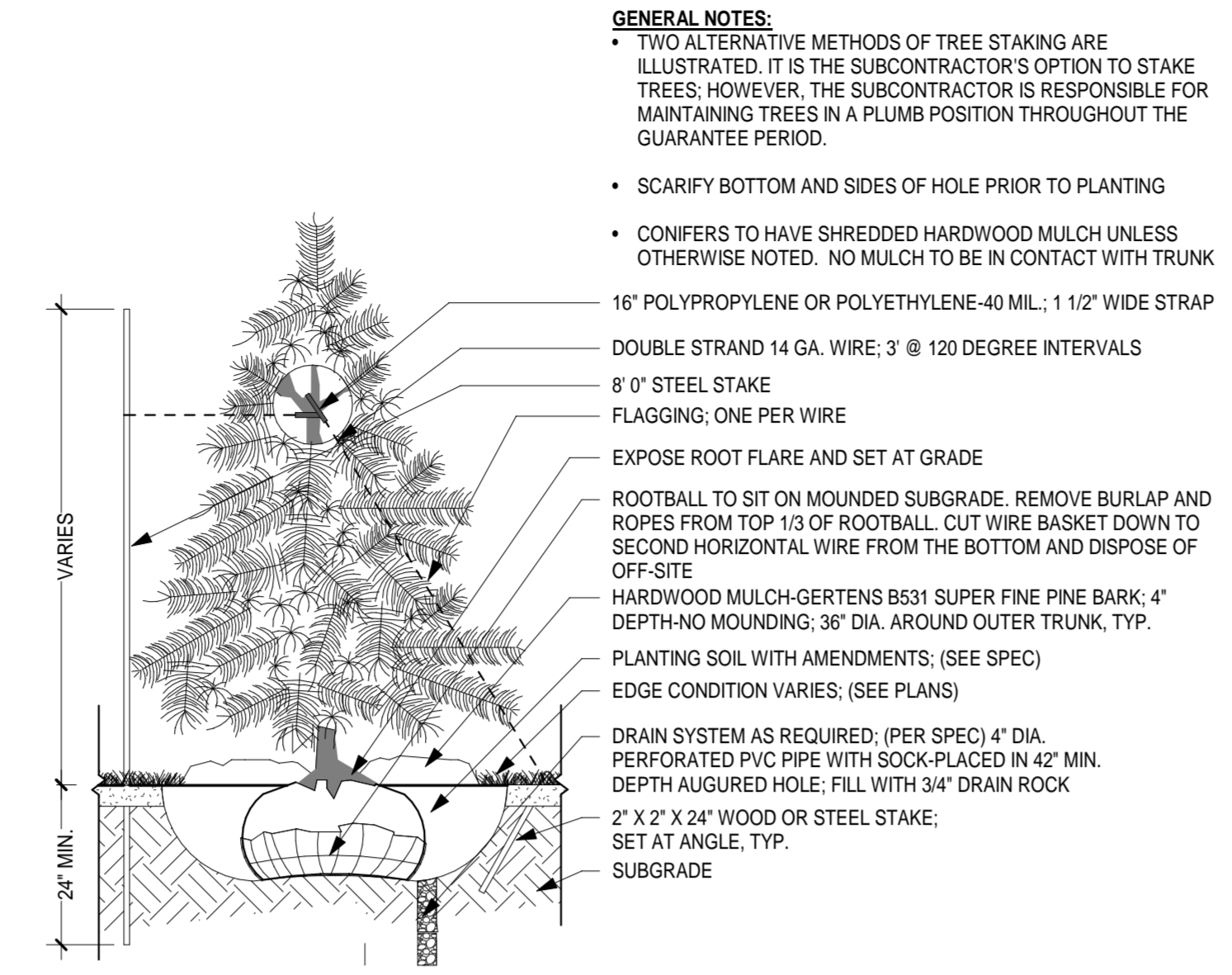
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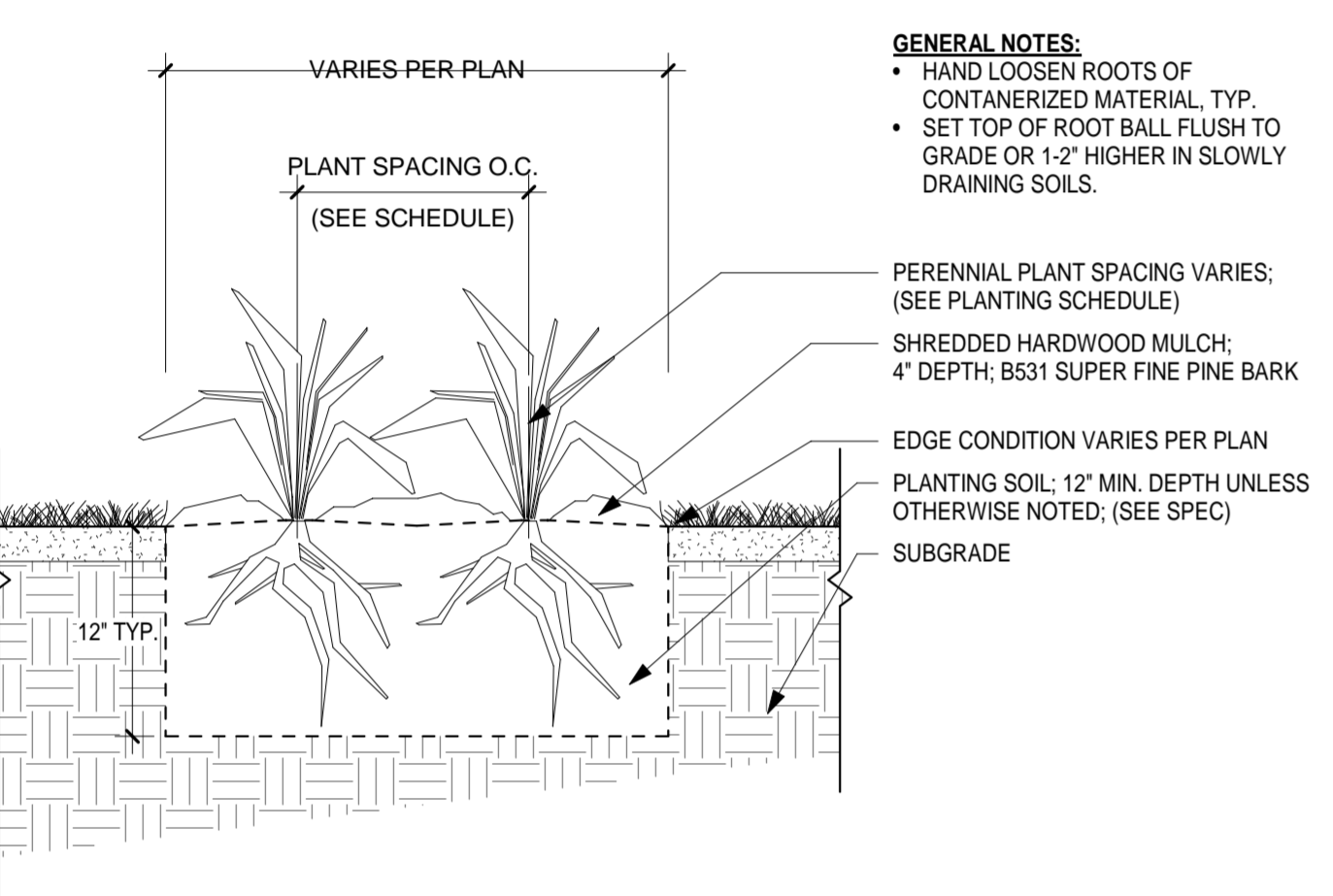
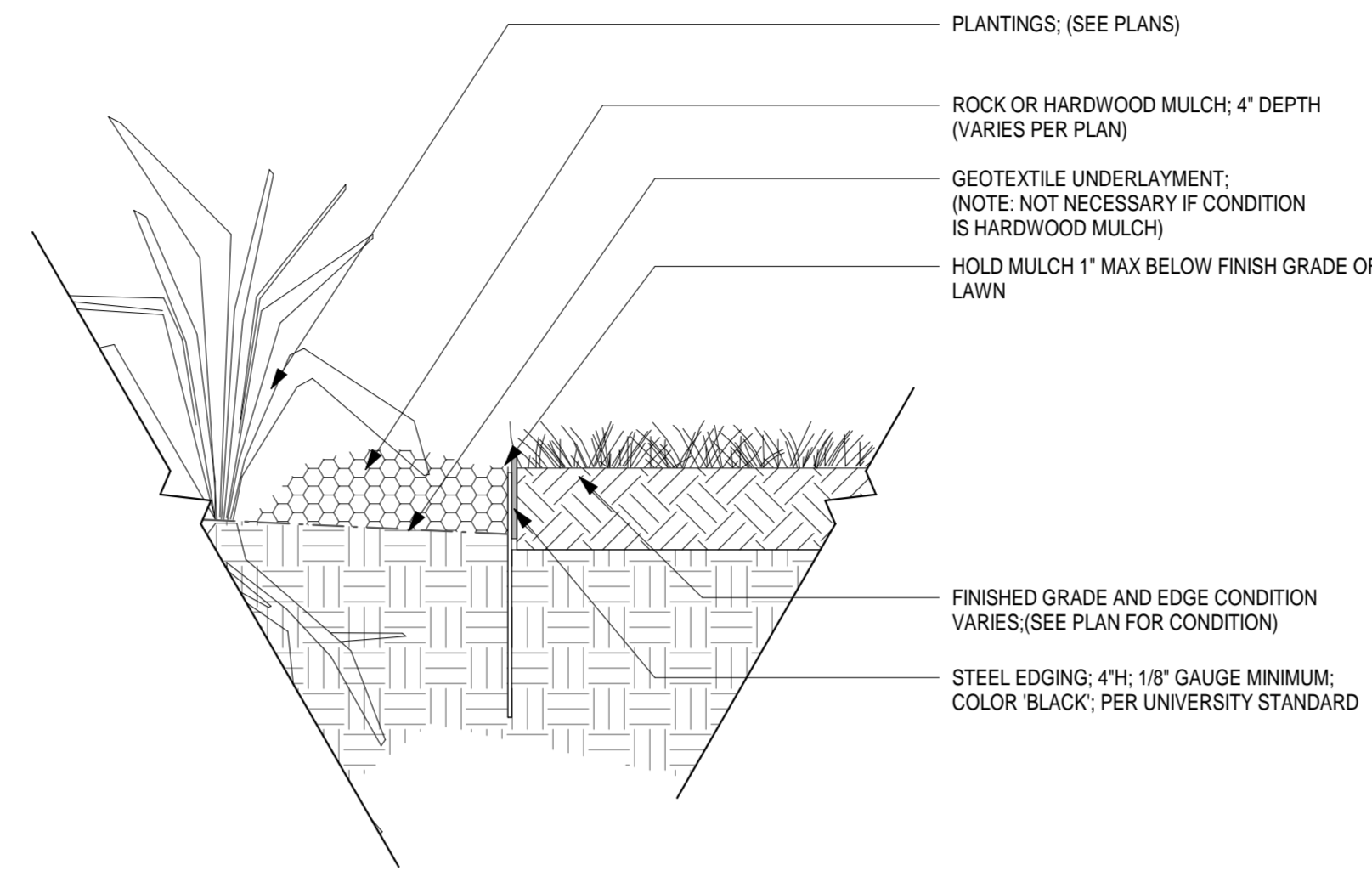




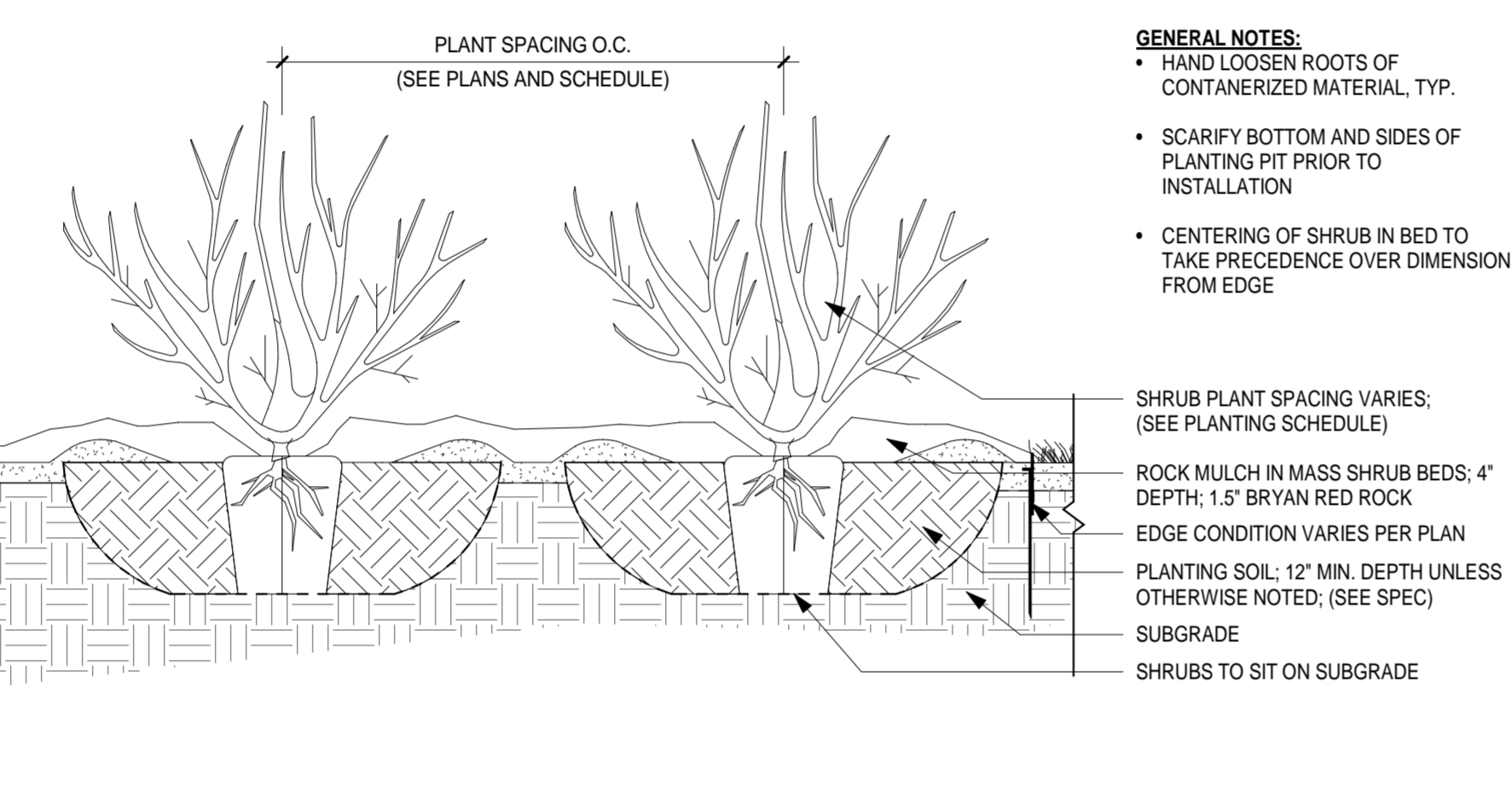
A TREE PLANTING DETAILS
1/2" = 1'-0"



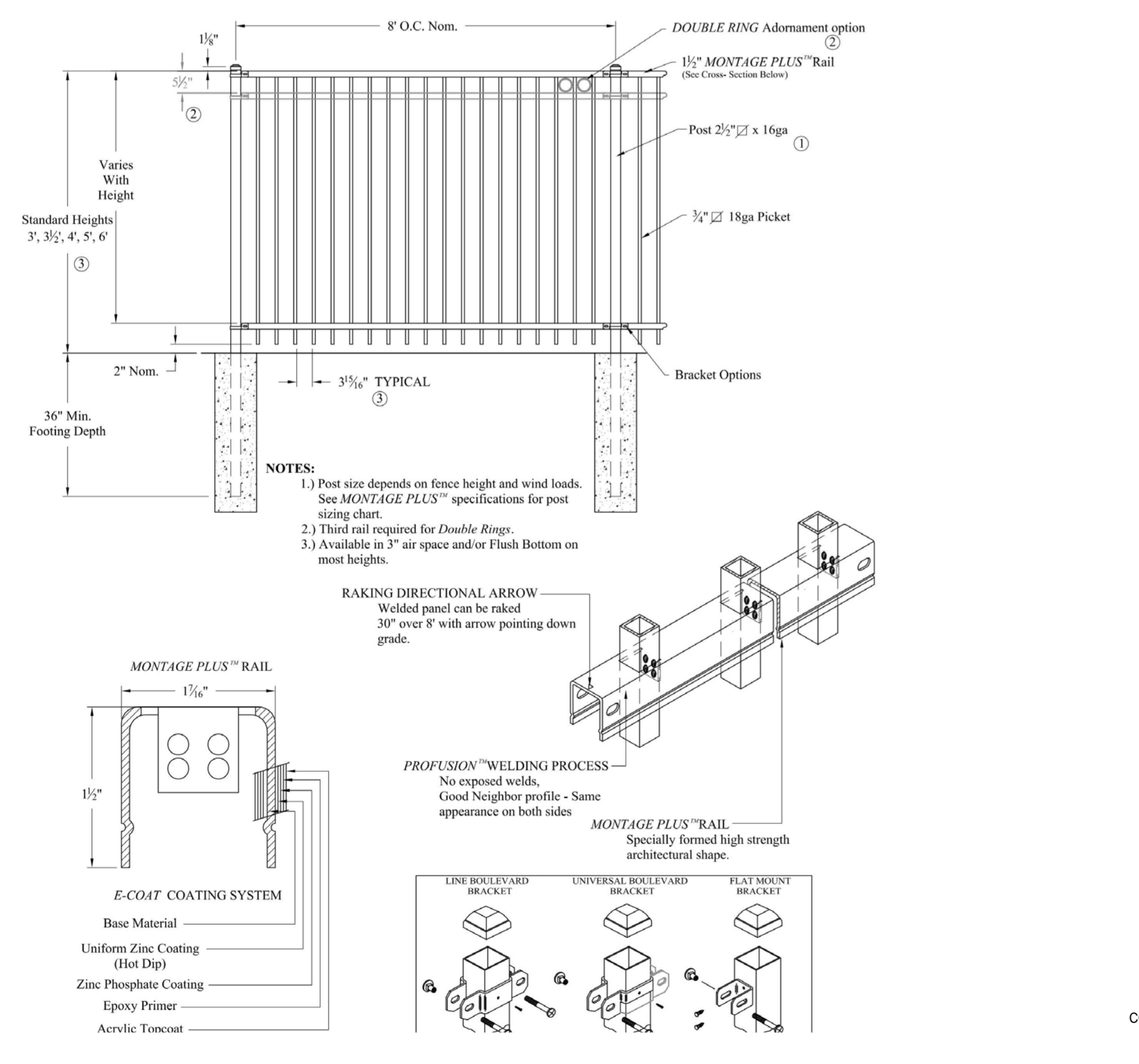
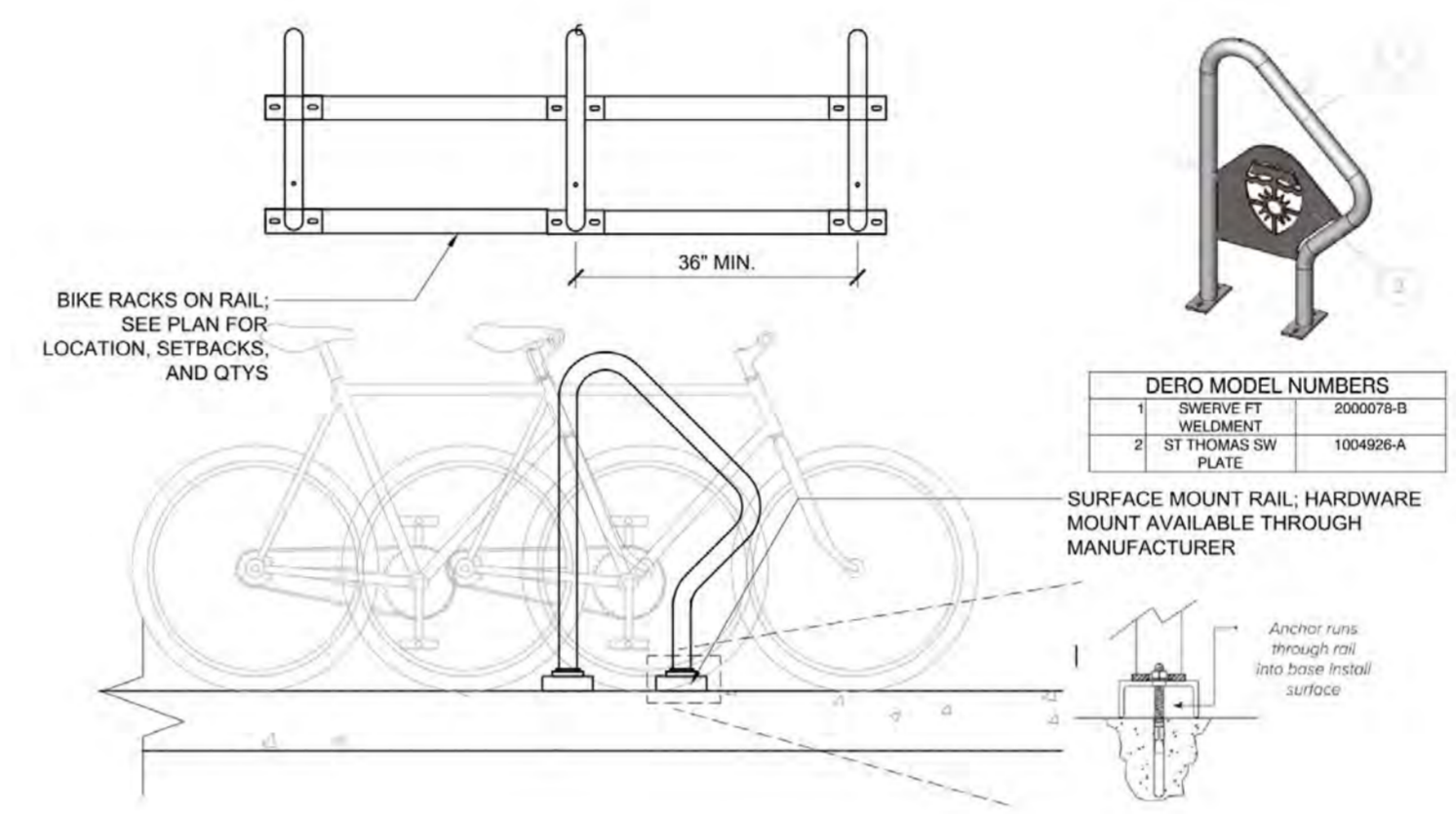
1 STEEL EDGER DETAIL
1/2" = 1'-0"



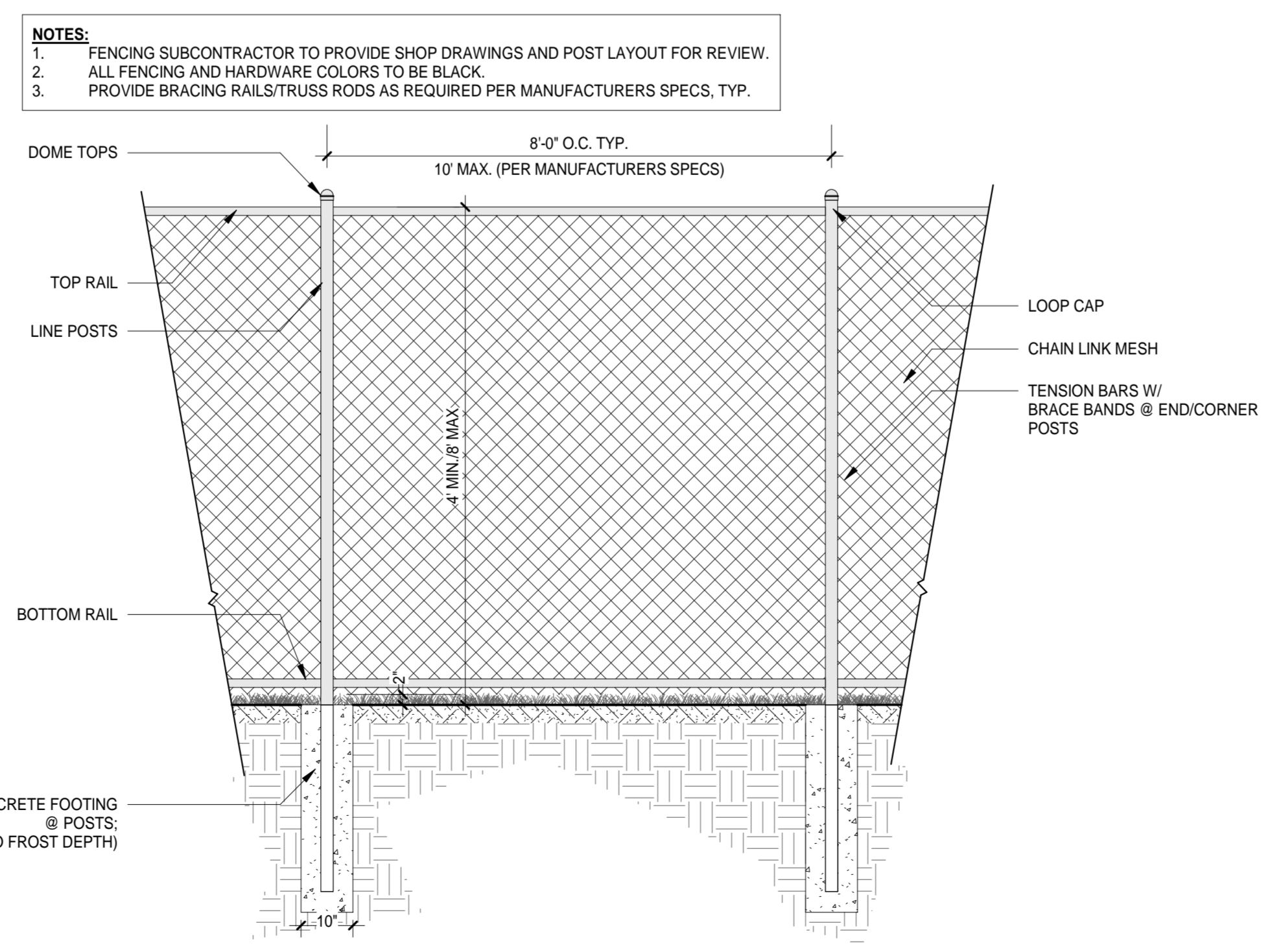
B SHRUB AND PERENNIAL PLANTING DETAILS
3/4" = 1'-0"



2 BIKE RACK DETAIL
1/2" = 1'-0"



3 SITE FENCING DETAIL-ORNAMENTAL (BASIS OF DESIGN)
3/4" = 1'-0"



4 SITE FENCING DETAIL-CHAIN LINK
1/2" = 1'-0"

GENERAL NOTES

- LANDSCAPE SUBCONTRACTOR TO VERIFY ALL UTILITY LOCATIONS ON PROPERTY WITH THE GENERAL CONTRACTOR AND BY CALLING GOPHER STATE ONE CALL (454-0002) PRIOR TO STAKING PLANT LOCATIONS.
- COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATIONS WITH OTHER CONTRACTORS WORKING ON SITE.
- LANDSCAPE SUBCONTRACTOR SHALL PROTECT EXISTING ROAD SURFACES, CURBS / GUTTERS, TRAILS, TREES, GRASSES SURFACES AND OTHER INSTALLED SITE AMENITIES DURING CONSTRUCTION OPERATIONS. ALL DAMAGE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- WHERE EXISTING TREES AND/OR SIGNIFICANT SHRUB MASSINGS ARE FOUND ON SITE, WHETHER SHOWN ON THE DRAWING OR NOT, THEY SHALL BE PROTECTED AND SAVED UNLESS NOTED TO BE REMOVED AND/OR ARE IN AN AREA TO BE GRADED. ANY QUESTION REGARDING WHETHER PLANT MATERIAL SHOULD REMAIN OR NOT SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
- ALL EXISTING TREES TO REMAIN TO BE FERTILIZED AND PRUNED TO REMOVE DEAD WOOD AND DAMAGED OR RUBBING BRANCHES.
- B&B TREES AND SHRUBS ARE BALLED AND BURLAPED.
- NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE SUBCONTRACTOR PRIOR TO THE SUBMISSION OF A BID AND/OR QUOTATION.
- ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN.
- SUBCONTRACTOR IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR.
- SUBCONTRACTOR SHALL PROVIDE A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION.
- WARRANTY FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AFTER THE COMPLETION OF ALL LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- SUBCONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE WITH ALL REPLACEMENTS TO BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

PLANTING SPECIFICATIONS

- PLANTING BED PREPARATION: ALL MASS PLANTING BEDS SHALL BE TILLED TO A MINIMUM DEPTH OF 10". AMENDMENTS SHALL BE APPLIED AFTER CULTIVATION.
- BACKFILL SOIL: USE SOIL EXCAVATED FROM PLANTING HOLES AND PROVIDE AMENDMENTS. REMOVE ALL DEBRIS INCLUDING ROCKS LARGER THAN 3" DIAMETER.
- FERTILIZATION: ALL PLANT MATERIALS SHALL BE FERTILIZED, UPON INSTALLATION, WITH DRIED BONE MEAL OR OTHER SPECIFIED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS UNLESS NOTED OTHERWISE.
- MULCH MATERIAL: AS SPECIFIED ON THE LANDSCAPE PLANS, MASS MULCH ALL PLANTING BEDS TO 3" DEPTH OVER FIBER MAT WEED BARRIER. ALL PERENNIAL PLANTING BEDS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH WITH NO FIBER MAT WEED BARRIER. ALL EVERGREEN AND DECIDUOUS TREES TO RECEIVE 6" DEEP SHREDDED HARDWOOD MULCH WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.
- TREE STAKING: IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO STAKE AND/OR CUP THE TREES ACCORDING TO THE DETAILS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE EVERY STEP NECESSARY TO MAINTAIN THE TREES AND SHRUBS IN AN UPRIGHT AND PLUMB CONDITION AT ALL TIMES UNTIL THE END OF THE PLANT GUARANTEE PERIOD ESPECIALLY WHERE VANDALISM, SOIL OR WIND CONDITIONS ARE A PROBLEM.
- TREE WRAPPING: WRAPPING MATERIAL SHALL BE QUALITY, HEAVY WATERPROOF CREPE PAPER MANUFACTURED FOR THIS PURPOSE. WRAP ALL DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO 12-1 AND REMOVE ALL WRAPPING AFTER 5-1.
- RODENT PROTECTION: PROVIDE ON ALL TREES, EXCEPT SPRUCE UNLESS OTHERWISE SPECIFIED.
- PLANTING PLAN: ALL PROPOSED PLANTS SHALL BE LOCATED CAREFULLY AS SHOWN ON THE PLANS. PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS TAKE PRECEDENCE OVER NOTES. RESPECT STATED DIMENSIONS. DO NOT SCALE DRAWINGS.
- EDGING SHALL BE 4" COMMERCIAL GRADE METAL EDGING. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.

PLANTING NOTES

- NO PLANTING TO BE INSTALLED UNTIL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL PLANT MATERIAL LOCATIONS MUST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY AND ALL DIGGING.
- IF THE LANDSCAPE SUBCONTRACTOR PERCEIVES ANY DEFICIENCIES IN THE PLANT SELECTIONS, SOIL CONDITIONS, OR ANY OTHER SITE CONDITION WHICH MIGHT NEGATIVELY AFFECT PLANT MATERIAL ESTABLISHMENT, SURVIVAL OR GUARANTEE, THEY SHALL BRING THESE DEFICIENCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE LANDSCAPE ARCHITECT MUST BE NOTIFIED.
- ALL PLANTS TO BE INSTALLED AS PER PLANTING DETAILS.
- ONE SHRUB PER TYPE AND SIZE IN EACH PLANTING BED AND EVERY TREE SHALL BE CLEARLY IDENTIFIED (COMMON OR LATIN NOMENCLATURE) WITH A PLASTIC TAG WHICH SHALL NOT BE REMOVED PRIOR TO OWNER ACCEPTANCE.
- WHERE SOD/SEED ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.
- SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.
- SEED ALL AREAS DISTURBED DUE TO GRADING OTHER THAN THOSE AREAS NOTED TO RECEIVE SOD.
- REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.

ACCEPTANCE & WARRANTY NOTES

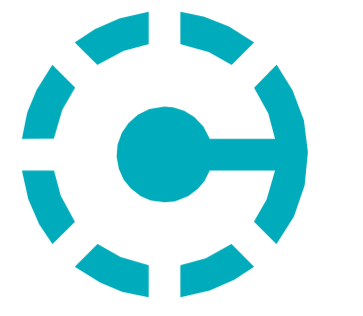
- LANDSCAPE SUBCONTRACTOR SHALL WARRANTY NEW PLANT MATERIAL THROUGH TWO CALENDAR YEARS FROM THE TIME OF FINAL OWNER AND CITY ACCEPTANCE. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY PLANTED MATERIALS UNTIL THE TIME OF OWNER ACCEPTANCE. ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE SUBCONTRACTOR.
- LANDSCAPE SUBCONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION OF THE LANDSCAPE AND SITE IMPROVEMENTS PRIOR TO SUBMITTING FINAL PAY REQUEST.
- LANDSCAPE SUBCONTRACTOR SHALL PREPARE AN AS BUILT DRAWING(S) OF LANDSCAPE INSTALLATION SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO PROJECT ACCEPTANCE.

IRRIGATION NOTES

- IRRIGATION SYSTEM AND REQUIRED COMPONENTS SHALL MEET UNIVERSITY OF ST. THOMAS STANDARDS.
- LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SHOP DRAWING ILLUSTRATING AN IRRIGATION PLAN AND SPECIFICATION AS PART OF THE SCOPE OF WORK WHEN BIDDING. THESE SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ORDER.
- VERIFY EXISTING/PROPOSED IRRIGATION SYSTEM LOCATION.
- UNLESS OTHERWISE NOTED, ALL SOD SEED AND PLANTING AREAS INDICATED ON PLAN SHALL BE 100% IRRIGATED. THE DESIGN SHALL INCLUDE THE PUBLIC RIGHT OF WAY BETWEEN PROPERTY LINE AND BACK OF CURB WHERE NEW LANDSCAPE IMPROVEMENTS ARE PROPOSED.
- IT SHALL BE THE LANDSCAPE SUBCONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL SODDED / SEEDED AND PLANTED AREAS ARE IRRIGATED PROPERLY INCLUDING THOSE AREAS DIRECTLY AROUND AND ADJACENT TO EXISTING BUILDING FOUNDATION.
- THE LANDSCAPE SUBCONTRACTOR SHALL PROVIDE THE OWNER WITH A WATERING/LAWN IRRIGATION SCHEDULE APPROPRIATE TO THE PROJECT SITE CONDITIONS AND TO PLANT MATERIAL GROWTH REQUIREMENTS.
- IRRIGATION SYSTEMS SHALL COMPLY WITH ALL CITY CODES & REQUIREMENTS.



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1801 McGee Street, Suite 200
Kansas City, MO 66210
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University of St. Thomas
St. Paul, MN

CONSULTANTS

IMEG
MEYEF HNSON
STRUCTURAL DESIGN + ENGINEERING

PROJECT INFORMATION

LEE & PENNY ANDERSON MULTIPURPOSE ARENA

2260 SUMMIT AVE
ST. PAUL, MN 55105

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of Minnesota

Name: **JCB**
JUSTIN C. BAGGENSTOSS

REGISTRATION NO. DATE
LA 52753 01/19/2024

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DRAWN BY: JCB CHECKED BY: JCB
JOB NO: 701480 DATE: 01/19/2024

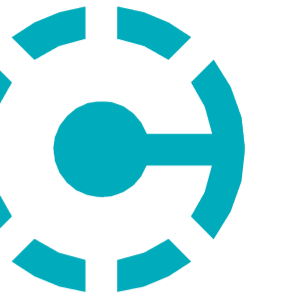
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ISSUE #	DATE	DESCRIPTION
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3	08/25/2023	100% SCHEMATIC DESIGN
4	11/03/2023	50% DESIGN DEVELOPMENT
DD	01/19/2024	100% DESIGN DEVELOPMENT

100% DD SET

01/19/2024

LANDSCAPE DETAILS

L500



OWNER



CONSULTANTS

PROJECT INFORMATION

**LEE & PENNY
ANDERSON
MULTIPURPOSE
ARENA**

2260 SUMMIT AVE ST.
PAUL, MN 55105

ARCHITECTS
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.
Print Name: Miguel Antonio Rodriguez
Signature: [Signature]
Date: 1/19/24 License: 68158

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PROJ. NO.
701480

ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
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	11/17/2023	50% DESIGN DEVELOPMENT
	01/19/2024	100% DESIGN DEVELOPMENT

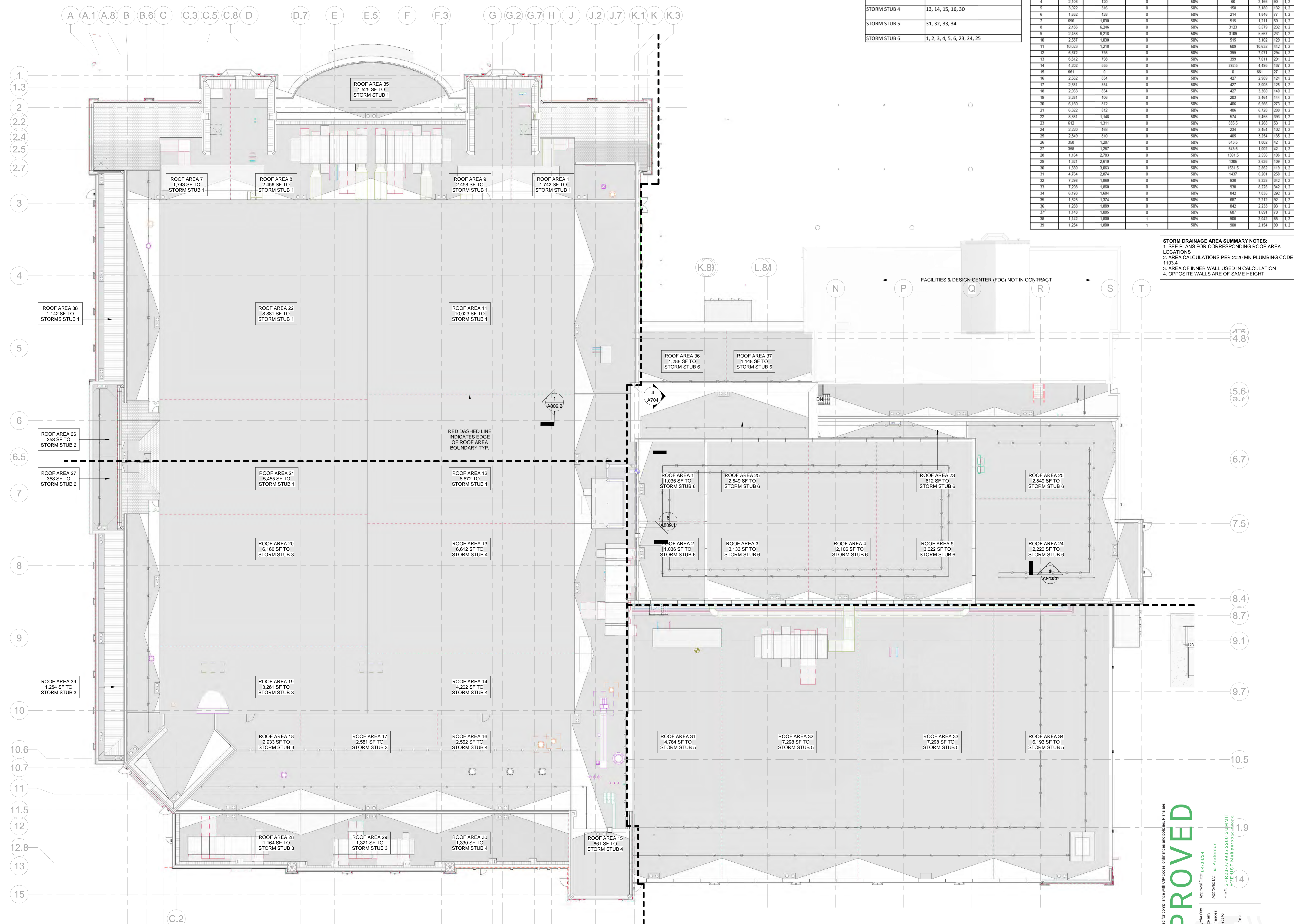
ROOF DRAINAGE
PLAN - OVERALL

A121

CIVIL TIE IN	ROOF AREA #
STORM STUB 1	7, 8, 9, 10, 11, 12, 21, 22, 26
STORM STUB 2	27
STORM STUB 3	17, 18, 19, 20, 28, 29, 39
STORM STUB 4	13, 14, 15, 16, 30
STORM STUB 5	31, 32, 33, 34
STORM STUB 6	1, 2, 3, 4, 5, 6, 23, 24, 25

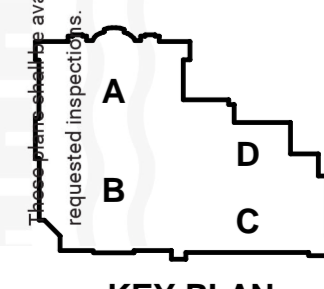
STORM DRAINAGE AREA SUMMARY									
ROOF AREA NO.	ROOF AREA (SF)	VERTICAL WALL AREA (SF)	NO. OF ADJACENT WALLS	VERTICAL WALL AREA FRACTION	CONTRIBUTING WALL AREA (SF)	TOTAL AREA (SF)	DPM	NOTES	
1	1,036	252	0	50%	126	1,162	48	1.2	
2	1,036	248	0	50%	124	1,160	48	1.2	
3	3,133	330	0	50%	165	3,298	137	1.2	
4	2,106	120	0	50%	60	2,166	90	1.2	
5	3,022	316	0	50%	158	3,180	132	1.2	
6	1,632	428	0	50%	214	1,846	77	1.2	
7	666	1,030	0	50%	515	1,281	60	1.2	
8	2,456	6,246	0	50%	3,123	5,579	232	1.2	
9	2,468	6,218	0	50%	3,109	5,567	231	1.2	
10	2,587	1,030	0	50%	515	3,102	129	1.2	
11	10,023	1,218	0	50%	609	10,632	442	1.2	
12	6,612	798	0	50%	399	7,011	304	1.2	
13	6,612	798	0	50%	399	7,011	304	1.2	
14	4,202	585	0	50%	292.5	4,495	187	1.2	
15	661	0	0	50%	0	661	27	1.2	
16	2,562	654	0	50%	427	3,389	134	1.2	
17	2,561	654	0	50%	427	3,388	135	1.2	
18	2,933	654	0	50%	427	3,360	140	1.2	
19	3,261	406	0	50%	203	3,464	144	1.2	
20	6,169	812	0	50%	406	6,565	273	1.2	
21	6,522	812	0	50%	406	6,928	288	1.2	
22	8,881	1,148	0	50%	574	9,455	393	1.2	
23	612	1,311	0	50%	655.5	1,268	63	1.2	
24	2,220	468	0	50%	234	2,454	102	1.2	
25	2,249	468	0	50%	468	3,254	135	1.2	
26	358	1,287	0	50%	643.5	1,002	42	1.2	
27	358	1,287	0	50%	643.5	1,002	42	1.2	
28	1,164	2,783	0	50%	1,391.5	2,556	106	1.2	
29	1,321	2,610	0	50%	1,305	2,626	109	1.2	
30	1,336	3,053	0	50%	1,531.5	3,262	139	1.2	
31	4,764	2,974	0	50%	1,437	6,201	258	1.2	
32	7,298	1,860	0	50%	930	8,228	342	1.2	
33	7,298	1,860	0	50%	930	8,228	342	1.2	
34	6,163	1,684	0	50%	842	7,038	302	1.2	
35	1,525	1,374	0	50%	687	2,212	92	1.2	
36	1,268	1,889	0	50%	842	2,233	93	1.2	
37	1,148	1,085	0	50%	687	1,891	78	1.2	
38	1,142	1,800	1	50%	900	2,042	85	1.2	
39	1,254	1,900	1	50%	900	2,154	90	1.2	

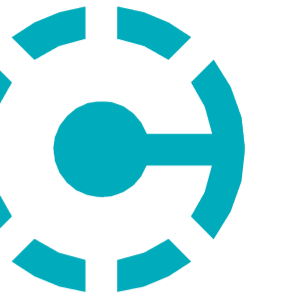
STORM DRAINAGE AREA SUMMARY NOTES:
1. SEE PLANS FOR CORRESPONDING ROOF AREA LOCATIONS
2. AREA CALCULATIONS PER 2020 MN PLUMBING CODE 1103.4
3. AREA OF INNER WALL USED IN CALCULATION
4. OPPOSITE WALLS ARE OF SAME HEIGHT



These plans have been reviewed for compliance with City codes, ordinances and policies. Plans are:
APPROVED
The approval of these plans by the City of Saint Paul does not constitute a warranty of any kind, and the City of Saint Paul does not assume any liability for any damages, personal injury, or property damage, arising from the use of these plans. Plans are subject to final inspection and approval. All requested inspections are available for all.

Approved By: Tia Anderson
Approved For: [Signature]
File # 2024-01-19-001
Project: UNIVERSITY OF ST. THOMAS MULTIPURPOSE ARENA





OWNER



University of St. Thomas
St. Paul, MN

CONSULTANTS

PROJECT INFORMATION
**LEE & PENNY
ANDERSON
MULTIPURPOSE
ARENA**
2260 SUMMIT AVE ST.
PAUL, MN 55105

ARCHITECTS
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.
Print Name: Miguel Antonio Rodriguez
Signature: [Signature]
Date: 1/19/24 License: 68148

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PROJ. NO.
701480

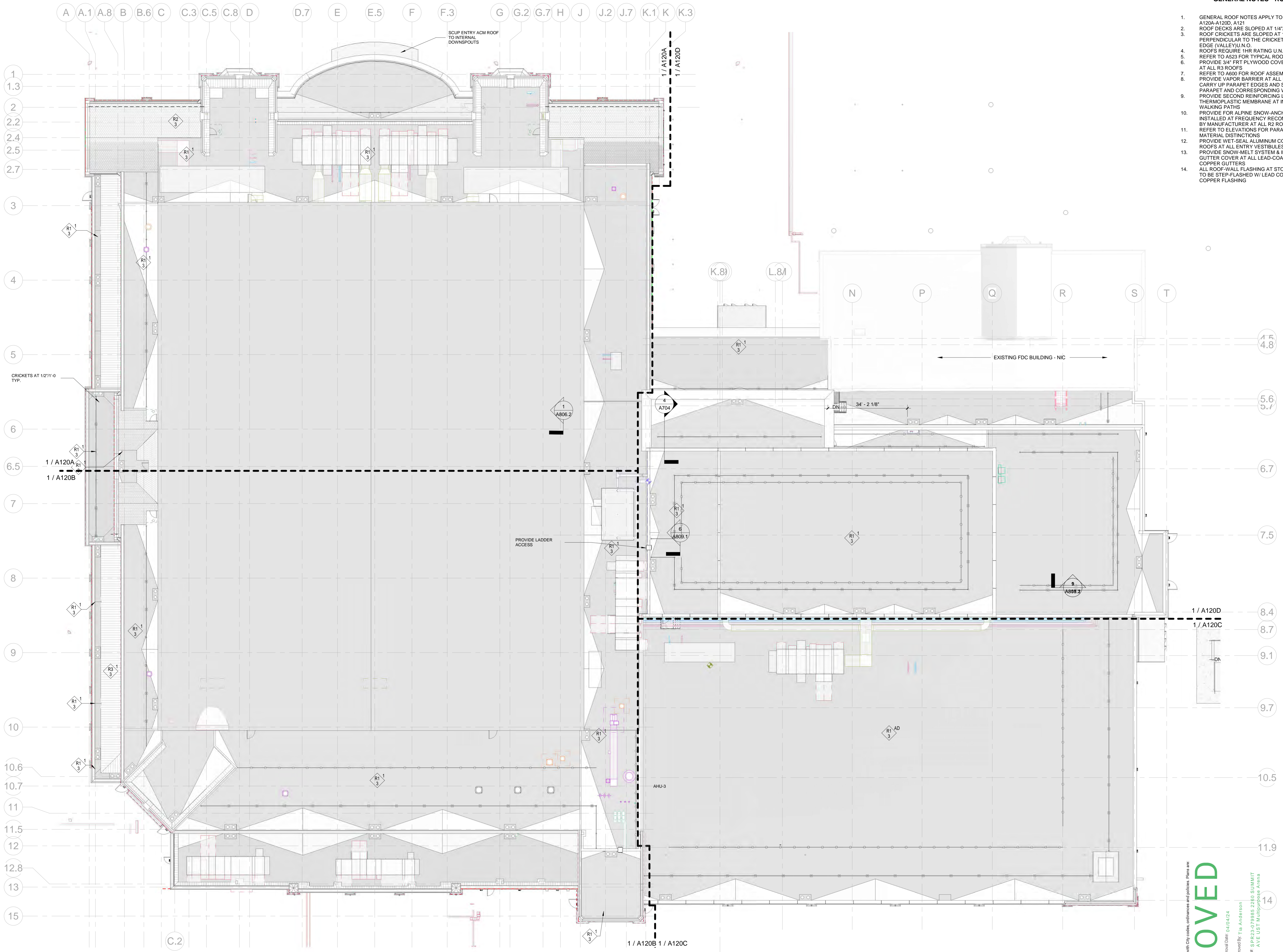
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ISSUE #	DATE	DESCRIPTION
1	08/25/2023	100% SCHEMATIC DESIGN
2	11/03/2023	SPR RESUBMITTAL
	11/17/2023	50% DESIGN DEVELOPMENT
	01/19/2024	100% DESIGN DEVELOPMENT

ROOF PLAN
OVERALL

A120

GENERAL NOTES - ROOF

- GENERAL ROOF NOTES APPLY TO A120.
- A120A-A120D, A121
- ROOF DECKS ARE SLOPED AT 1/4"1'-0" U.N.O.
- ROOF CRICKETS ARE SLOPED AT 1/2"1'-0" PERPENDICULAR TO THE CRICKET'S LEADING EDGE (VALLEY) U.N.O.
- ROOFS REQUIRE 1HR RATING U.N.O.
- REFER TO AS23 FOR TYPICAL ROOF DETAILS
- PROVIDE 3/4" FRP PLYWOOD COVERBOARD AT ALL R3 ROOFS
- REFER TO A800 FOR ROOF ASSEMBLIES
- PROVIDE VAPOR BARRIER AT ALL ROOFS - CARRY UP PARAPET EDGES AND SEAL OVER PARAPET AND CORRESPONDING WRB
- PROVIDE SECOND REINFORCING LAYER THERMOPLASTIC MEMBRANE AT INDICATED WALKING PATHS
- PROVIDE FOR ALPINE SNOW-ANCHORS INSTALLED AT FREQUENCY RECOMMENDED BY MANUFACTURER AT ALL R2 ROOFS
- REFER TO ELEVATIONS FOR PARAPET CAP MATERIAL DISTINCTIONS
- PROVIDE WET SEAL ALUMINUM COMPOSITE ROOFS AT ALL ENTRY VESTIBULES
- PROVIDE SNOW-MELT SYSTEM & INTEGRAL GUTTER COVER AT ALL LEAD-COATED COPPER GUTTERS
- ALL ROOF-WALL FLASHING AT STONE WALLS TO BE STEP-FLASHED W/ LEAD COATED COPPER FLASHING

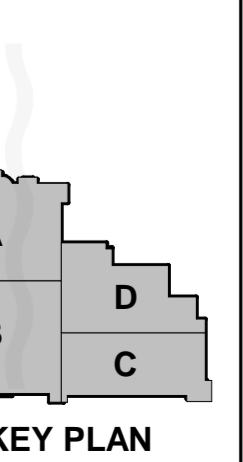


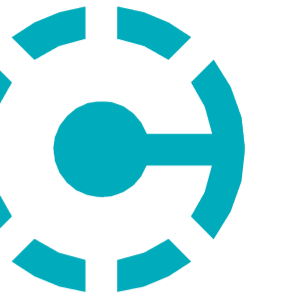
1 ROOF PLAN - OVERALL
1/16" = 1'-0"

NOTE: ALL PRIMARY ROOF SLOPES ASSUME SLOPED STRUCTURE AND DECK UNLESS OTHERWISE NOTED - CRICKETS TO BE BUILT UP WITH SLOPED RIGID INSULATION

These plans have been reviewed for compliance with City codes, ordinances and policies. Plans are APPROVED

The approval of these plans by the City of Saint Paul does not constitute a warranty of any kind, nor does it constitute an endorsement or approval of any product, material, or method of construction. Plans are subject to change without notice and are subject to final inspection and approval.





PROJECT INFORMATION
**LEE & PENNY ANDERSON
MULTIPURPOSE
ARENA**

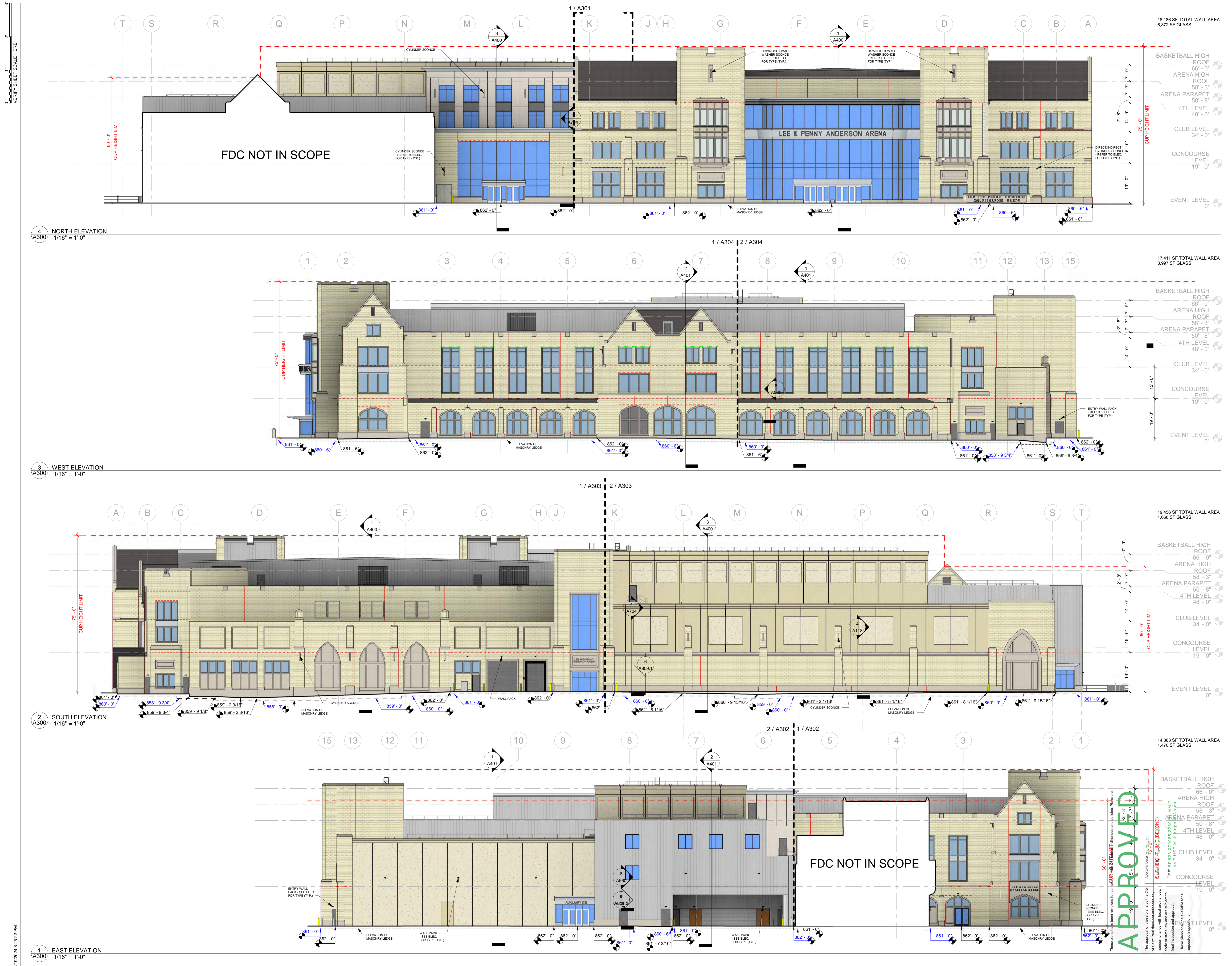
2260 SUMMIT AVE ST.
PAUL, MN 55105

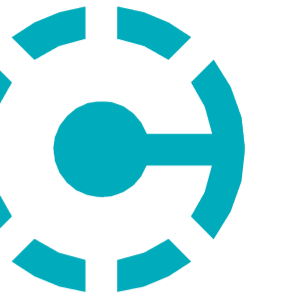
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Print Name: Miguel Antonio Rodriguez
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ISSUE RECORD

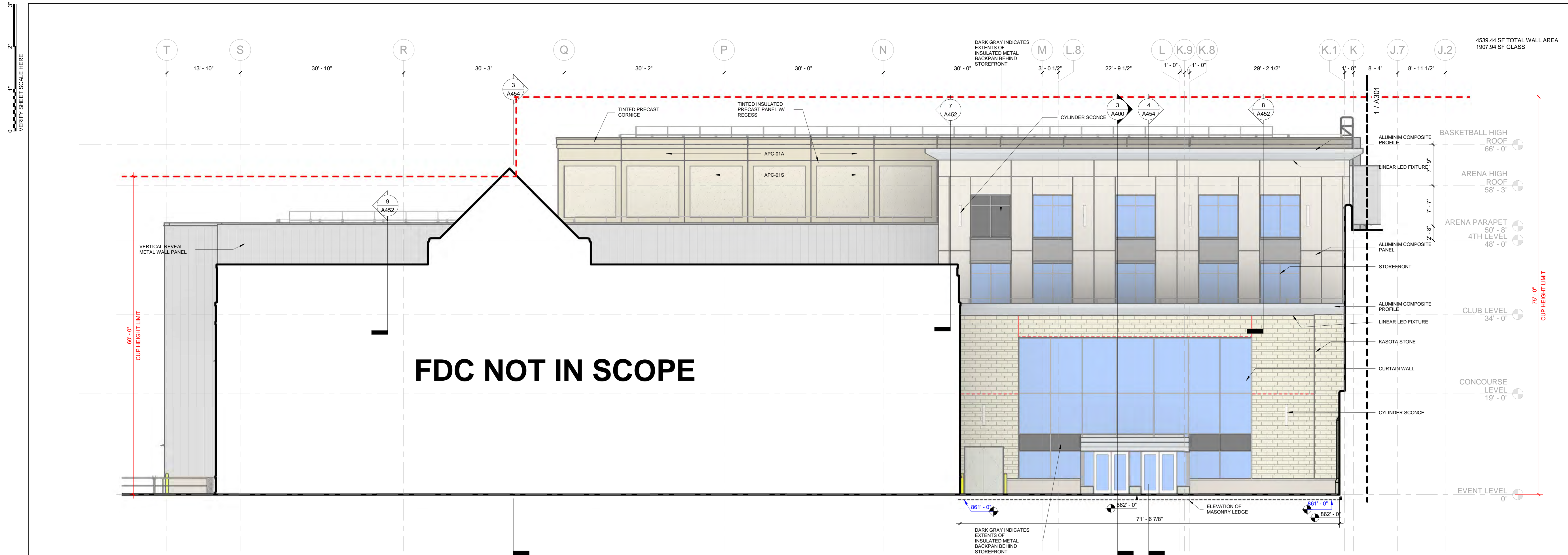
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	11/17/2023	50% DESIGN DEVELOPMENT
	01/19/2024	100% DESIGN DEVELOPMENT

BUILDING
ELEVATIONS
OVERALL

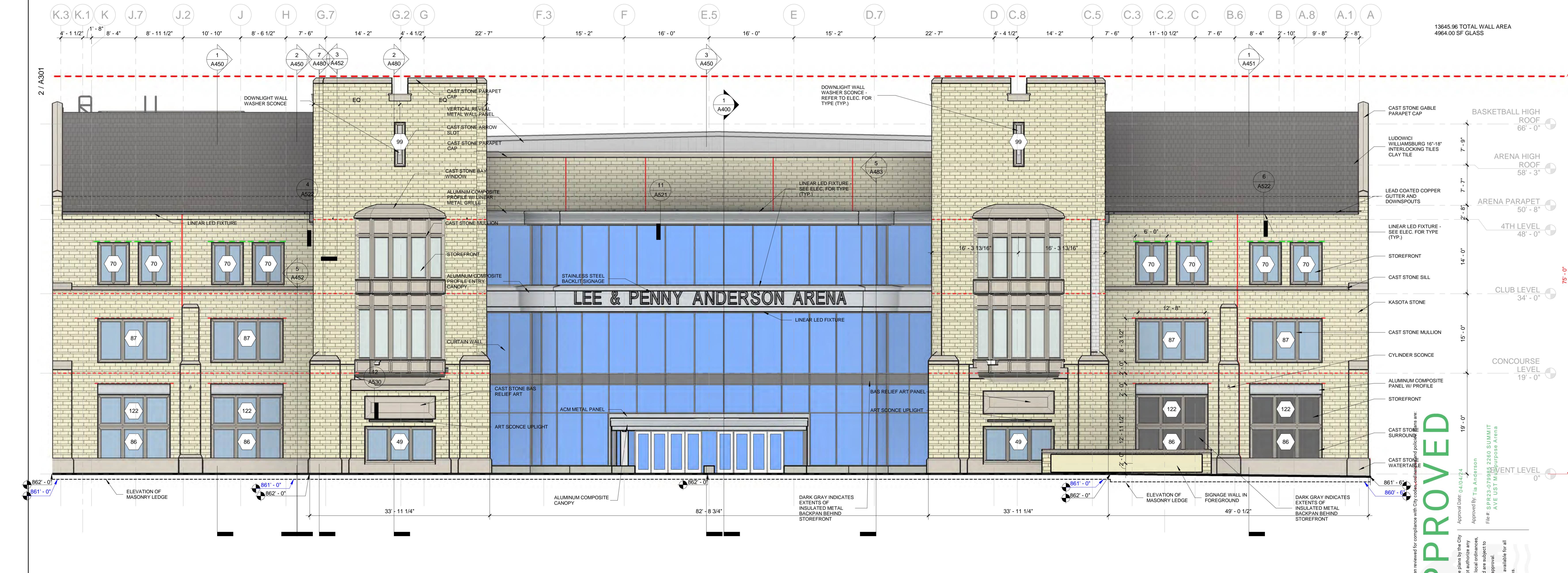




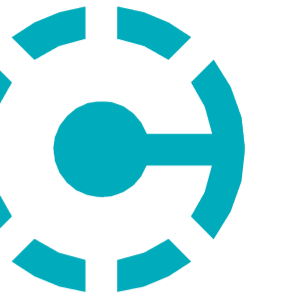
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ISSUE #	DATE	DESCRIPTION
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11/17/2023	50% DESIGN DEVELOPMENT	
01/19/2024	100% DESIGN DEVELOPMENT	



2 / A301 NORTH ELEVATION (E)
1/8" = 1'-0"



1 / A301 NORTH ELEVATION (W)
1/8" = 1'-0"



ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
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	11/17/2023	50% DESIGN DEVELOPMENT
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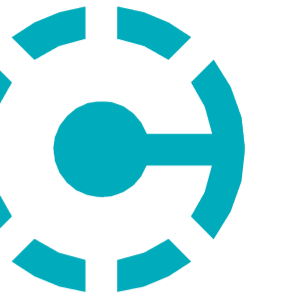


2 EAST ELEVATION (S)
1/8" = 1'-0"

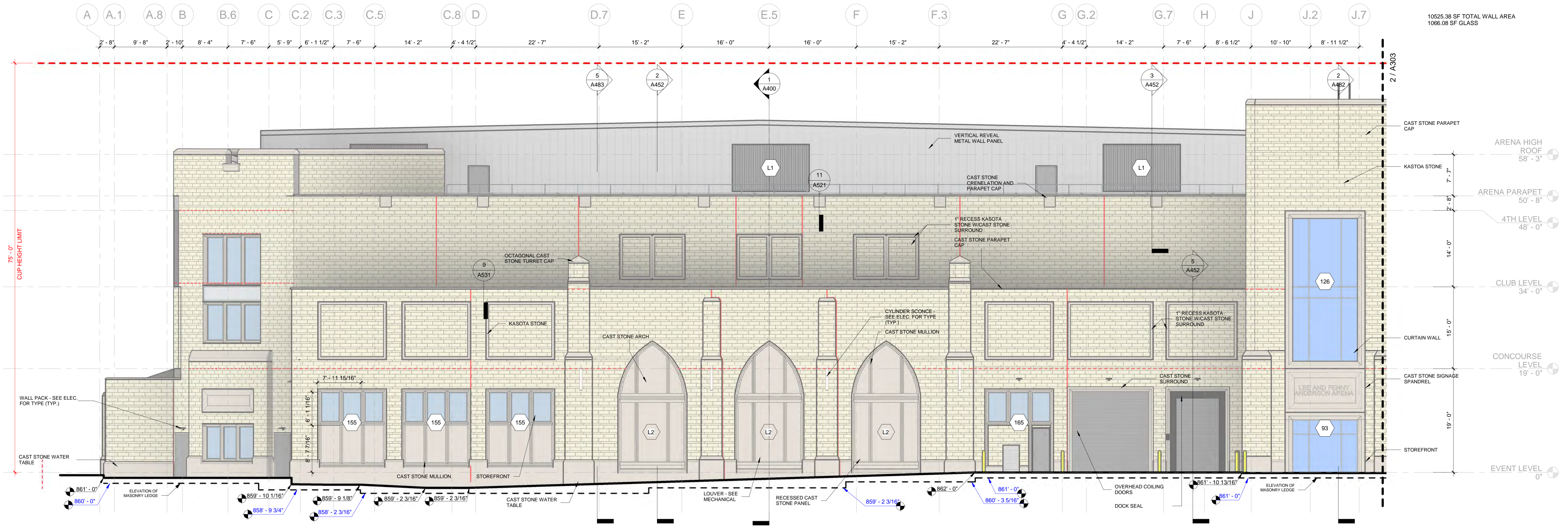


1 EAST ELEVATION (N)
1/8" = 1'-0"

APPROVED
 The approval of these plans by the City of Saint Paul does not constitute an endorsement or approval by the City of Saint Paul of the design, construction, or materials used in the project. The approval is limited to the information provided on these plans and is subject to final inspection and approval. These plans shall be available for all requested inspections.



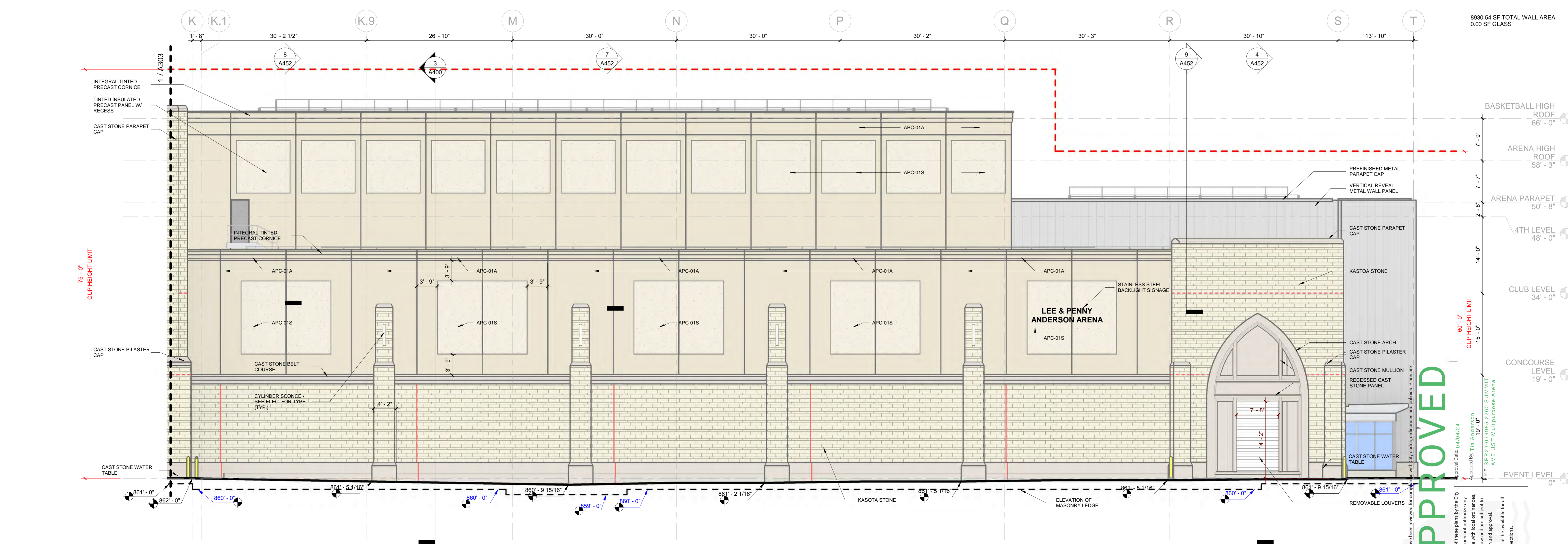
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ISSUE #	DATE	DESCRIPTION
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11/17/2023	50% DESIGN DEVELOPMENT	
01/19/2024	100% DESIGN DEVELOPMENT	



1 SOUTH ELEVATION (W)
1/8" = 1'-0"

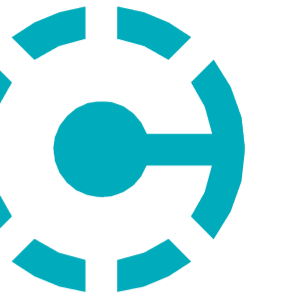
10525.38 SF TOTAL WALL AREA
1066.08 SF GLASS

8930.54 SF TOTAL WALL AREA
0.00 SF GLASS



2 SOUTH ELEVATION (E)
1/8" = 1'-0"

APPROVED
The approval of these plans by the City of Saint Paul does not constitute a warranty of compliance with local ordinances, codes or state law and are subject to final inspection and approval. These plans shall be available for all requested inspections.
Approved By: Tia Anderson
Date: 01/19/24
Project: 701480
File: 20240119_031314TIA
LEVEL LIST: Multipurpose Arena



ISSUE RECORD		
ISSUE #	DATE	DESCRIPTION
1	08/25/2023	100% SCHEMATIC DESIGN
2	11/03/2023	SPR RESUBMITTAL
	11/17/2023	50% DESIGN DEVELOPMENT
	01/19/2024	100% DESIGN DEVELOPMENT



1 WEST ELEVATION (N)
1/8" = 1'-0"



2 WEST ELEVATION (S)
1/8" = 1'-0"

3 SW TOWER ELEVATION
1/8" = 1'-0"

APPROVED
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