S $\frac{1}{2}$ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH PLANS APPROVED BY PROJECT SITE'S MUNICIPAL JURISDICTION, THE CITY OF LOUSIVILLE. 2. BASE INFORMATION PROVIDED BY ENGINEER AND SHOWN AS INFORMATION ONLY. REFER TO SURVEY, PLAT, ROADWAY AND UTILITY DRAWINGS, AND OTHER AVAILABLE DOCUMENTS FOR PROPERTY LIMITS, UTILITY DRAWINGS, EXISTING
- CONDITIONS, AND HORIZONTAL AND VERTICAL CONTROL. 3. THE LIMITS OF WORK LINE IS SHOWN ON PLAN AS REFERENCE ONLY AND OCCURS AT BACK OF CURB, EDGE OF ROAD, FACE OF BUILDING, RIGHT OF WAY, OR SITE
- PROPERTY LINE UNLESS OTHERWISE DESIGNATED. VERIFY EXISTING SITE CONDITIONS INCLUDING, WALLS, VEGETATION, FENCES. UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, CURBS AND GUTTERS, AND
- OTHER OBSTRUCTIONS THAT MAY AFFECT THE PROGRESS OF WORK. 5. LOCATE UTILITIES AND MAINTAIN THEIR LOCATION DURING ALL PHASES OF WORK DO NOT DAMAGE UTILITY LINES/STRUCTURES. NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BEFORE STARTING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES. WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT RESTORATION OF UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE AT THE
- CONTRACTOR'S EXPENSE THOROUGHLY REVIEW THE SITE CONDITIONS, DRAWINGS, AND TECHNICAL SPECIFICATIONS PRIOR TO CONSTRUCTION, COMPLETE THE WORK OF THIS PROJECT IN ACCORDANCE WITH APPROVED DRAWINGS.
- 7. ANYTHING MENTIONED IN THE TECHNICAL SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE TECHNICAL SPECIFICATIONS SHALL BE OF LIKE EFFECT AS IF SHOWN ON OR MENTIONED IN BOTH.
- 8. CONSTRUCTION INSTALLATION, MATERIALS, TESTING AND INSPECTION SHALL COMPLY WITH APPLICABLE CODES AND ORDINANCES.
- 9. TAKE NECESSARY STEPS TO PROTECT AND MAINTAIN ALL FINISHED WORK FOR THE DURATION OF THE CONTRACT UNTIL FINAL ACCEPTANCE. ANY DAMAGE BROUGHT TO PLANT MATERIAL DUE TO CONTRACTOR NEGLECT SHALL BE REPAIRED OR REPLACED AT CONTRACTOR EXPENSE.
- 10. THESE DRAWINGS DO NOT SPECIFY SAFETY MATERIALS, EQUIPMENT, METHODS OR SEQUENCING TO PROTECT PERSONS AND PROPERTY. DIRECT AND IMPLEMENT SAFETY OPERATIONS AND PROCEDURES TO PROTECT THE OWNER, OTHER CONTRACTORS, THE PUBLIC, AND OTHER FOR THE DURATION OF THE CONTRACT.
- 11. NOTES AND DETAILS ON SPECIFIC DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. 12. OBTAIN NECESSARY PERMITS FROM ALL JURISDICTIONS AS REQUIRED TO
- CONSTRUCT THE WORK OF THIS PROJECT. 13. THE WORK OF THIS CONTRACT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL
- AREAS HAVE BEEN CLEANED OF ALL DIRT AND DEBRIS AND ALL DAMAGED ITEMS ARE REPAIRED.

GRADING NOTES

- 1. EMPLOY A LICENSED SURVEYOR TO ESTABLISH ALL GRADE AND WORK LINES. HAVE OWNERS REPRESENTATIVE FIELD REVIEW AND APPROVE GRADE STAKES PRIOR TO FINAL GRADING.
- 2. ALL PROPOSED GRADES SHALL MEET AND BLEND WITH EXISTING GRADES AT PROJECT LIMITS AND AT CURBS SIDEWALKS AND ROADWAYS. EXISTING ELEVATIONS INDICATED ON PLANS SHALL BE VERIFIED IN FIELD TO AS-BUILT CONDITION.
- 3. EROSION CONTROL- SEE CIVIL ENGINEERING DRAWINGS FOR CONTRACTOR RESPONSIBILITIES, MEANS, AND METHODS.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR 'ROUNDING OFF' ALL SHARP RIDGES EXISTING ON SITE WHETHER OR NOT SUCH CONDITIONS ARE INDICATED ON PLANS. ROUND TOPS AND TOES OF SLOPE TO PROVIDE SMOOTH TRANSITION TO EXISTING GRADE. BERMS AND LANDFORMS WILL BE SMOOTH AND ROUNDED VERTICAL CURVES WITH NO SHARP TRANSITION IN GRADE, UNLESS OTHERWISE NOTED.
- 5. CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION WHEN IT BECOMES EVIDENT THAT UNFORSEEN OBSTRUCTIONS, AREA DISCREPANCIES AND/OR GRADE DIFFERENCES EXIST. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR DECISION. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO
- FAILURE TO GIVE SUCH NOTIFICATION. 6. ALL LANDSCAPE GRADES ARE BASED UPON ELEVATIONS SHOWN ON THE CIVIL
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH
- SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH ALL GRADING OPERATIONS. 8. MAINTAIN POSITIVE DRAINAGE, UNLESS SPECIFICALLY DESIGNED FOR PONDING, AT ALL TIMES. MINIMUM 2% SLOPE IN LANDSCAPED AREAS, REFER TO CIVIL ENGINEER'S
- DRAWINGS FOR DRAINAGE STRUCTURE LOCATIONS AND DETAILS. 9. ALL WALKS SHALL HAVE A MINIMUM 1.25% CROSS SLOPE TO ENSURE POSITIVE DRAINAGE OFF OF TRAVELED SURFACE. MAXIMUM CROSS SLOPE ON WALKWAYS ARE DESIGNED AND DRAWN AT A MAXIMUM 1.8% SLOPE IN ORDER TO ENSURE THE FINISHED CROSS SLOPE IS LESS THAN 2% PER ADA GUIDELINES. NO CROSS SLOPES
- ON PAVED SURFACES ARE TO BE GREATER THAN 2%. 10. HOLD FINISH GRADES OF SHRUB AND GROUND COVER AREAS 1" BELOW THE TOP OF
- ADJACENT PAVEMENTS OR CURBS, UNLESS OTHERWISE NOTED. 11. MAXIMUM SLOPES ON WALKS SHALL NOT EXCEED 4.8% IN THE DIRECTION OF TRAVEL,
- WITHOUT A HANDRAIL. 12. SUBSURFACE DRAINAGE LINES SHALL BE PLACED WITH A MINIMUM OF 12" COVER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING INVERT ELEVATIONS AT ALL DRAINS AND PIPE DEPTHS TO ENSURE POSITIVE DRAINAGE AT THE SLOPE INDICATED TO THE
- OUTLET SHOWN ON THE PLANS. 13. MAXIMUM SLOPE IN LANDSCAPE PLANTING AREAS IS 3:1. MAX SLOPE IN TURF/SOD
- 14. NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED FOR ACTUAL OR CLAIMED DISCREPANCY BETWEEN EXISTING GRADE AND THOSE SHOWN ON PLANS AFTER CONTRACTOR HAS ACCEPTED EXISTING GRADES AND MOVED ONTO SITE
- 15. CONTRACTOR TO ENSURE SMOOTH, CONTINUOUS TRANSITIONS BETWEEN SLOPES UNLESS OTHERWISE NOTED.

LAYOUT NOTES

- 1. VERIFY EXISTING SITE INFORMATION INCLUDING, BUT NOT LIMITED TO STREET GRADES, UTILITIES, PROPERTY LINES, LIMITS OF ROADWAYS, CURBS AND GUTTERS TAKEN FROM THE CIVIL ENGINEER'S DRAWINGS.THIS INFORMATION IS USED AS
- 2. ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND ORDINANCES. 3. TAKE ALL DIMENSIONS FROM BACK OF CURB, FACE OF WALL OR BUILDING, AND
- CENTERLINE OF TREES UNLESS OTHERWISE NOTED. 4. ALL DIMENSIONS CALLED OUT AS 'EQUAL' (EQ) ARE EQUIDISTANT MEASUREMENTS. 5. WRITTEN DIMENSIONS SUPERCEDE SCALED DIMENSIONS. DO NOT SCALE DRAWINGS, IF THERE IS A QUESTION REGARDING DIMENSIONS, CONTACT DIG
- STUDIO FOR VERIFICATION. 6. ALL ANGLES TO MATCH THOSE NOTED ON DRAWING AND ALL LINES OF PAVING TO BE PARALLEL UNLESS OTHERWISE NOTED. MAINTAIN HORIZONTAL ALIGNMENT OF ADJACENT ELEMENTS AS NOTED ON DRAWINGS. DETACHED WALKS TO BE CONSTRUCTED PARALLEL TO CURB AND GUTTER UNLESS OTHERWISE NOTED
- 7. REFERENCE TO NORTH REFERS TO TRUE NORTH. REFERENCE TO SCALE IS FOR FULL SIZED DRAWINGS ONLY. DO NOT SCALE FROM DRAWINGS. 8. CONCRETE SLABS OR FOOTINGS SHALL BE DOWELED INTO ABUTTING WALLS,

FOUNDATIONS AND FOOTINGS WHERE SHOWN ON THE PLAN.

- 9. PROVIDE EXPANSION JOINTS IN CONCRETE PAVING, CURBS, AND WALLS, A MAXIMUM DISTANCE OF 30 FEET APART AND AT ALL INTERSECTIONS. PROVIDE EXPANSION JOINTS WHERE NEW CURBS, WALLS, AND ANY NEW CONCRETE ABUTS EXISTING CONCRETE PAVING, BUILDINGS, CURBS, AND WALLS UNLESS OTHERWISE
- 10. PROVIDE CONTROL JOINTS EVENLY SPACED BETWEEN EXPANSION JOINTS AS SHOWN ON DRAWINGS, EXCEPT WHERE SPECIAL SCORE JOINT PATTERN IS
- 11. SLEEVES AND CONDUITS SHALL BE INSTALLED A MINIMUM OF 18 INCHES BELOW FINISHED GRADE AND SHALL EXTEND 12 INCHES BEYOND BACK OF CURBS. WALLS.
- 12. ARCS AND CURVES TO BE SMOOTH AND CONTINUOUS. STAKE AND FIELD REVIEW WITH LANDSCAPE ARCHITECT WHEN NECESSARY AND PRIOR TO FORMING.
- 13. COORDINATE AND FIELD VERIFY ALL SLEEVING LOCATIONS FOR ALL UTILITY, ELECTRICAL, AND IRRIGATION PRIOR TO CONSTRUCTION.

- 1. ALL PLANT MATERIALS SHALL MEET OR EXCEED CURRENT AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) AND THE COLORADO NURSERY ACT AND ACCOMPANYING RULES AND REGULATIONS.
- 2. ALL PLANTS WILL BE BALLED AND BURLAPPED OR CONTAINER GROWN. BARE ROOT OR SPADED PLANTS WILL NOT BE ACCEPTED.
- PLANTING BED AS SHOWN ON THE DRAWINGS.
- 4. ALL PLANTS WILL BE INSPECTED AND APPROVED BY THE OWNER'S
- 5. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND CITY OF LOUISVILLE FORESTRY PRIOR TO DELIVERY TO
- 6. OBTAIN LANDSCAPE ARCHITECTS APPROVAL OF FINISH GRADING PRIOR TO THE START OF PLANTING.
- FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING. 8. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING AWARE OF ALL
- UNDERGROUND UTILITIES, PIPES AND STRUCTURES. THE LANDSCAPE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR FIELD LOCATION OF UNDERGROUND UTILITY LINES PRIOR TO ANY EXCAVATION. LANDSCAPE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST OF
- 9. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE LANDSCAPE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL
- 10. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
- 11. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, SOIL PREPARATION TESTING, MATERIALS AND EXECUTION. ARRANGE FOR VISIT OF LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL A MINIMUM OF 48 HOURS PRIOR TO INSTALLATION.
- 12. SEE DETAILS AND SPECIFICATIONS FOR STAKING METHOD, PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS.
- 13. LANDSCAPE CONTRACTOR SHALL PROVIDE PER-UNIT COSTS FOR EVERY SIZE OF TO INCLUDE THE PLANT MATERIAL ITSELF AND INSTALLATION, INCLUDING ALL LABOR, AMENDMENTS, FERTILIZERS, ETC., AS DETAILED AND SPECIFIED FOR EACH
- 14. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO DO THEIR OWN QUANTITY TAKEOFFS
- 15. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE DRAINAGE THROUGHOUT THE SITE WITH ACCURATELY SET FLOW LINES. NO LOW SPOTS OR
- WALL FOOTINGS, BRIDGE ABUTMENTS AND PAVEMENTS. ANY DAMAGE TO
- 17. THE LANDSCAPE CONTRACTOR SHALL ALLOW FOR THE ADDITION OF SPECIFIED QUANTITIES OF SOIL AMENDMENTS, CONDITIONERS AND MULCH IN SOIL

PLANTING NOTES

- 18. IMPORTED SOIL SHALL BE USED TO SUPPLEMENT THE EXISTING SOIL AS NECESSARY TO MEET THE FINISH GRADE REQUIREMENTS AT PLANTING AREAS.
- 3. SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE
- REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
- 7. STAKE LOCATIONS OF ALL PROPOSED TREES AND EDGES OF NEW PLANTING BEDS
- UTILITY REPAIR DUE TO DAMAGE CAUSED BY HIS OPERATIONS.
- NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- PLANT MATERIALS, AND BY TYPE, AS CALLED OUT ON PLANTING PLANS. UNIT COST
- FOR ALL PLANT MATERIALS AND SIZES SHOWN ON PLANS.
- PONDING OF SURFACE WATER WILL BE ACCEPTED IN FINAL WORK.
- 16. COORDINATE INSTALLATION OF LARGE PLANT MATERIAL WITH INSTALLATION OF IMPROVEMENTS BY OTHERS IS THE RESPONSIBILITY OF THE LANDSCAPE
- PREPARATION AND FINISH GRADING.

- 19. THE LANDSCAPE CONTRACTOR SHALL VERIFY SOIL TEST AT HIS EXPENSE PRIOR TO PLANTING AND WILL FOLLOW TEST RECOMMENDATIONS AND LANDSCAPE ARCHITECT'S APPROVAL FOR SOIL AMENDMENTS.
- 20. THE LANDSCAPE CONTRACTOR SHALL RECEIVE THE SPECIFIED SUBGRADE ELEVATION, OF +/- ONE TENTH OF A FOOT BELOW FINISH GRADE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH AND INSTALL AMENDED OR IMPORTED SOIL IN ANY PLANTING AREAS AS NECESSARY TO ACHIEVE THE SPECIFIED FINISH PLANTING GRADES UNLESS OTHERWISE NOTED ON PLANS OR
- 21. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANT MATERIAL DURING INSTALLATION AS APPROPRIATE TO THE PROJECT. FOR TREES IN THE RIGHT-OF-WAY BY BUILDER OR CONTRACTOR, ADJUSTMENTS OF 5'-0"
- OR MORE MUST HAVE PRIOR AUTHORIZATION OF CITY FORESTER. 22. CONTRACTOR IS TO FAMILIARIZE HIMSELF WITH THE LAYOUT, GRADING AND CIVIL ENGINEERING DOCUMENTS TO COORDINATE ACTUAL LOCATION OF TREES AND
- 23. MAINTENANCE STATEMENT: ALL LANDSCAPING SHOWN ON THIS PLAN SHALL BE MAINTAINED IN A NEAT AND ADEQUATE MANNER. REQUIRED MAINTENANCE ACTIVITIES SHALL INCLUDE. BUT NOT LIMITED TO. MOWING OF LAWNS. TRIMMING OF HEDGES, ADEQUATE IRRIGATION, REPLACEMENT OF DEAD, DISEASED OR UNSIGHTLY LANDSCAPING, REMOVAL OF WEEDS FROM PLANTED AREAS. AND
- APPROPRIATE PRUNING OF PLANT MATERIALS. 24. TAKE ALL DIMENSIONS FROM BACK OF CURB, CENTER LINE OF TREES, AND
- CENTERLINE OF LIGHT POLE BASES, UNLESS OTHERWISE NOTED. 25. TAKE ALL DIMENSIONS PERPENDICULAR TO ANY REFERENCE LINE, CENTERLINE, OR
- 26. WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS. DO NOT SCALE DRAWINGS, IF THERE IS A QUESTION REGARDING DIMENSION, CONTACT LANDSCAPE ARCHITECT FOR VERIFICATION
- 27. ALL LANDSCAPED AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM. LAWN AREAS WILL BE SPRAYED AND SHRUBS WILL BE DRIP IRRIGATED. NATURAL AREAS, SUCH AS THOSE WITH PRAIRIE TYPES OF GRASSES AND NATIVE SHRUB SPECIES, ARE DESIGNED TO IRRIGATE THROUGH GROW-IN AND THEN BE SHUT OFF EXCEPT DURING SEVERE DROUGHT. CONTRACTOR SHALL BE RESPONSIBLE FOR TAPS, BACKFLOW PREVENTION AND WINTERIZATION SYSTEMS, SLEEVING UNDER PAVED AREAS AND ALL SPRINKLER SYSTEM COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM. TREES SHALL BE ON A SEPARATE
- 28. STREET TREES SHALL BE PLACED 5'-0" MIN FROM BURIED UTILITIES. 29. PER GEOTECH REPORT, ALL PLANTING TO BE LOCATED A MINIMUM OF 5'-0" OFF OF
- BUILDING FOUNDATION. 30. TURF AREAS SHALL RECEIVE SOIL AMENDMENT. AMENDMENT SHALL BE A MAXIMUM OF THREE AND ONE-HALF (3.5) CUBIC YARDS OF PURE ORGANIC MATERIAL PER ONE THOUSAND (1,000) SQUARE FEET. TILLED TO A MINIMUM DEPTH OF SIX (6) INCHES. TURF SOD MIX SHALL MATCH THE TOWN OF SUPERIOR TURF SOD
- 31. ALL SHRUB, PERENNIAL AND GROUNDCOVER AREAS TO RECEIVE SOIL AMENDMENT
- AMEND SOIL PER SOIL TESTING RESULTS AND RECOMMENDATIONS. 32. ALL SHRUB, PERENNIAL AND GROUNDCOVER AREAS TO RECEIVE 3" DEEP PEA GRAVEL MULCH APPLICATION, PER DETAILS/SPECIFICATIONS.

SHEET LIST

LANDSCAPE GENERAL SHEETS

LANDSCAPE GENERAL NOTES + PROJECT AERIA LANDSCAPE OVERALL SITE PLAN

LANDSCAPE LAYOUT + MATERIALS SHEETS LANDSCAPE MATERIALS SCHEDULE + NOTES

LANDSCAPE SITE DETAILS LANDSCAPE SITE DETAILS

LANDSCAPE PLANTING SHEETS

LANDSCAPE MATERIALS PLAN

LANDSCAPE SITE DETAILS

LANDSCAPE SITE DETAILS

LANDSCAPE PLANTING SCHEDULE + NOTES OVERALL LANDSCAPE PLANTING PLAN

LANDSCAPE PLANTING DETAILS

PLANTING DETAILS 10

IRRIGATION PLAN SHEETS

IRRIGATION PLAN

ZONE FROM TURF.

PPROX	APPROXIMATE	LOW	LIMIT OF WORK
RCH	ARCHITECT	LP	LOW POINT
С	BOTTOM OF CURB	MAX	MAXIMUM
LDG	BUILDING	MIN	MINIMUM
OC	BACK OF CURB	MISC	MISCELLANEOUS
0S	BOTTOM OF SLOPES	PA	PLANTING AREA
S	BOTTOM OF STEPS	PED	PESTRIAN
W	BOTTOM OF WALL	PG	PROPOSED GRADE
IP	CAST IN PLACE	PIP	POURED IN PLACE
J	CONTROL JOINT	PL	PROPERTY LINE
L	CENTERLINE	PT	POINT OF TANGENCY
ONC	CONCRETE	PVMT	PAVEMENT
ONT	CONTINUOUS	QTY	QUANTITY
P	CENTER POINT	R	RADIUS
I	DRAIN INLET	RIM	RIM ELEVATION
IA	DIAMETER	RE	REFER TO
IM	DIMENSION	ROW	RIGHT OF WAY
Α	EACH	SF	SQUARE FEET
G	EXISTING GRADE	SHT	SHEET
J	EXPANSION JOINT	SPECS	SPECIFICATIONS
L	ELEVATION	STA	STATION
Q	EQUAL	STD	STANDARD
WF	ENGINEER WOOD FIBER	TC	TOP OF CURB
XIST	EXISTING	TG	TOP OF GRATE
OC	FACE OF CURB	TP	TANGENT POINT
FE	FINISH FLOOR ELEVATION	TW	TOP OF WALL
G	FINISH GRADE	TYP	TYPICAL

ABBREVIATIONS

GRADE BREAK HIGH POINT INVERT OF PIPE

FACE OF WALL VOLUME FINISH SURFACE

Denver, CO 80202 720.328.1986 | DigStudio.com

PROJECT TITLE

ASCENT COMMUNITY CHURCH

550 MCCASLIN BLVD LOUISVILLE, CO 80027

PREPARED FOR **ASCENT COMMUNITY** CHURCH

550 McCASLIN BLVD LOUISVILLE, CO 80027

PUD AMENDMENT

DRAWN BY: PROJECT NO .:

07/14/2023

SHEET TITLE

SHEET INFORMATION

S $\frac{1}{2}$ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO



ASCENT COMMUNITY CHURCH

550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY CHURCH

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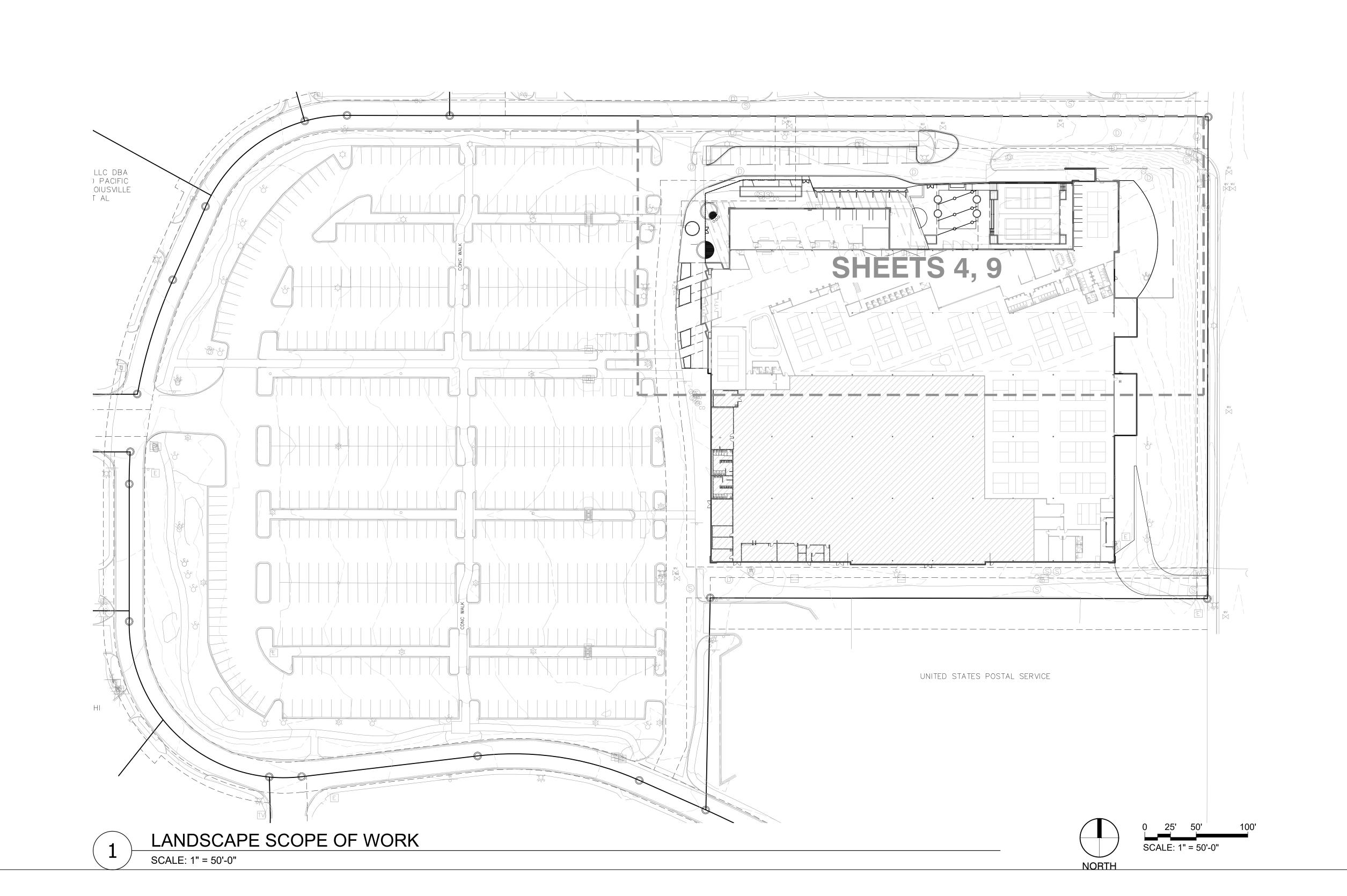
PUD AMENDMENT

CHECKED B'
PROJECT NO
REVISIONS

07/14/2023

SHEET TITLE

SHEET INFORMATION



S $\frac{1}{2}$ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M.

CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

LOGO
1521 15th Street Denver, CO 80202 720.328.1986 DigStudio.com
SEAL

ASCENT COMMUNITY CHURCH

PROJECT TITLE

550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY CHURCH

550 McCASLIN BLVD LOUISVILLE, CO 80027

SUBMITTAL	
PUD AMENDMENT	

PROJECT NO.:

07/14/2023

LANDSCAPE MATERIALS SCHEDULE + NOTES

SHEET INFORMATION

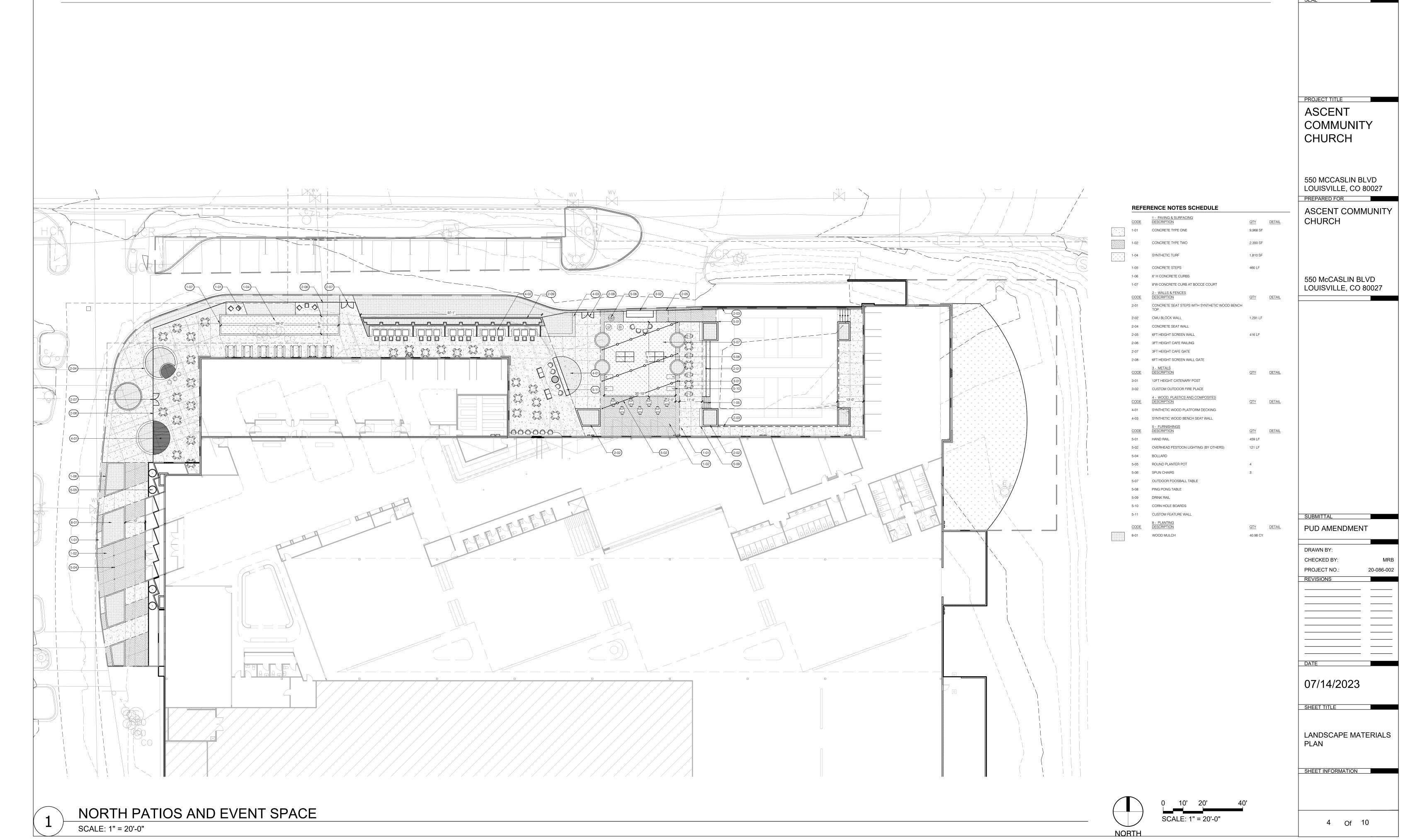
3 Of 10

REFERENCE NOTES SCHEDULE

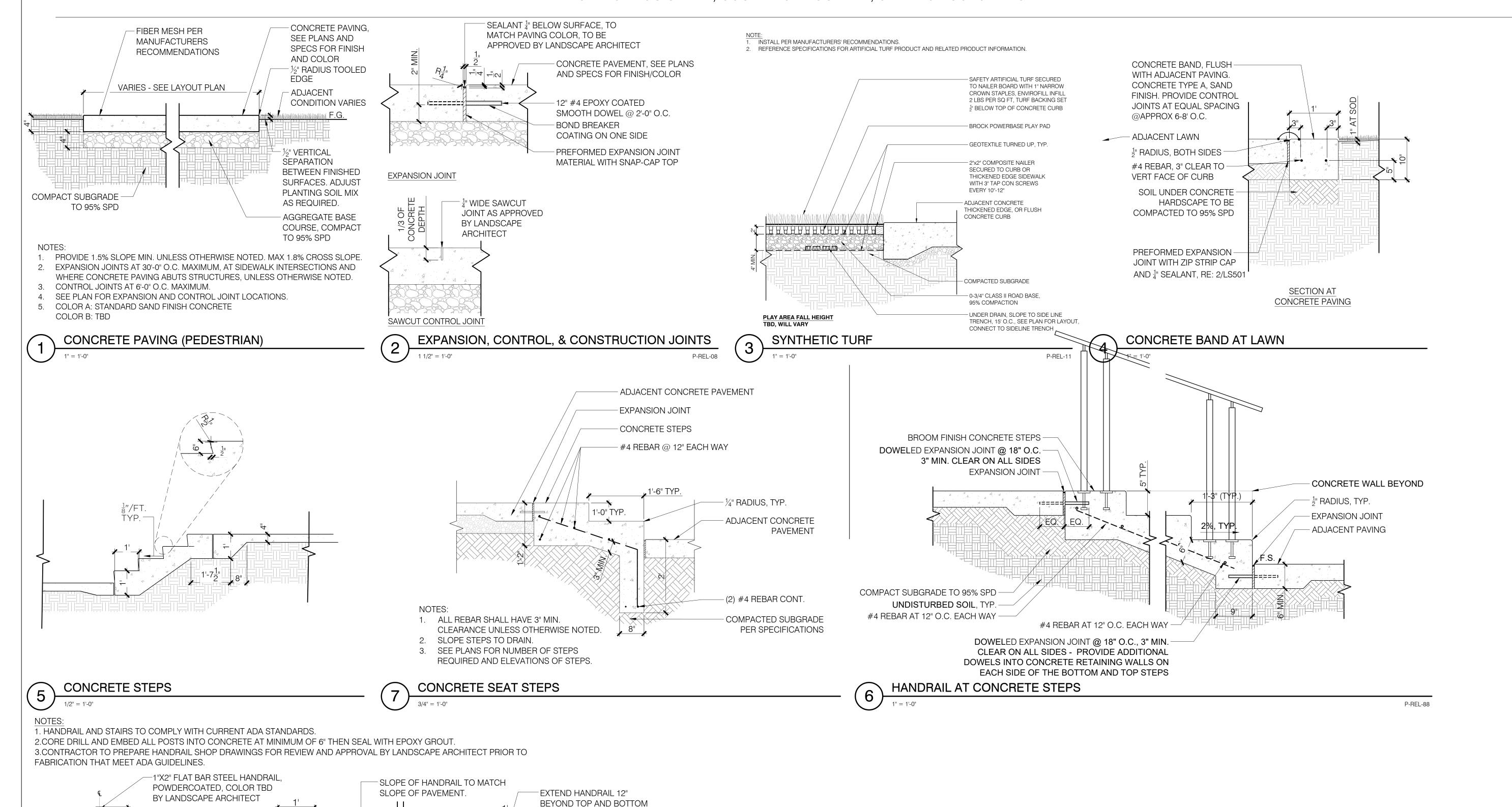
		ILINOL NOTES SOTILDOLL										
	CODE	1 - PAVING & SURFACING DESCRIPTION	QTY	DETAIL	MANUFACTURER	MODEL	FINISH	COLOR	THICKNESS	SUBMITTAL	SHOP DRAWING	MOCK-UP
4 4	1-01	CONCRETE TYPE ONE	9,968 SF		PER CONTRACTOR	N/A	BROOM	STANDARD GREY	4"	Χ		X
	1-02	CONCRETE TYPE TWO	2,350 SF		COLORADO HARDSCAPES	TBD	SAND	TBD	4"	X		X
\psi \psi \psi \psi \psi \psi \psi \psi	1-04	SYNTHETIC TURF	1,810 SF		SYNLAWN	TBD	TBD	TBD	N/A	X		Χ
	1-05	CONCRETE STEPS	460 LF									
	1-06	6" H CONCRETE CURBS										
	1-07	8"W CONCRETE CURB AT BOCCE COURT										
	CODE	2 - WALLS & FENCES DESCRIPTION	QTY	DETAIL	MANUFACTURER	MODEL	FINISH	COLOR	HEIGHT	SUBMITTAL	SHOP DRAWING	MOCK-UP
	2-01	CONCRETE SEAT STEPS WITH SYNTHETIC WOOD BENCH TOP										
	2-02	CMU BLOCK WALL	1,291 LF									
	2-04	CONCRETE SEAT WALL										
	2-05	6FT HEIGHT SCREEN WALL	416 LF									
	2-06	3FT HEIGHT CAFE RAILING										
	2-07	3FT HEIGHT CAFE GATE										
	2-08	6FT HEIGHT SCREEN WALL GATE										
	CODE	3 - METALS DESCRIPTION	<u>QTY</u>	<u>DETAIL</u>	<u>MANUFACTURER</u>	MODEL	<u>FINISH</u>	COLOR	SIZE	SUBMITTAL	SHOP DRAWING	MOCK-UP
	3-01	12FT HEIGHT CATENARY POST										
	3-02	CUSTOM OUTDOOR FIRE PLACE										
	<u>CODE</u>	4 - WOOD, PLASTICS AND COMPOSITES DESCRIPTION	<u>QTY</u>	<u>DETAIL</u>	MANUFACTURER	MODEL	<u>FINISH</u>	COLOR	<u>SPECIES</u>	SUBMITTAL	SHOP DRAWING	MOCK-UP
	4-01	SYNTHETIC WOOD PLATFORM DECKING										
	4-03	SYNTHETIC WOOD BENCH SEAT WALL										
	CODE	5 - FURNISHINGS DESCRIPTION	QTY	DETAIL	MANUFACTURER	MODEL	FINISH	COLOR	SIZE	SUBMITTAL	SHOP DRAWING	SAMPLE
	5-01	HAND RAIL	459 LF									
	5-02	OVERHEAD FESTOON LIGHTING (BY OTHERS)	121 LF									
	5-04	BOLLARD										
	5-05	ROUND PLANTER POT	4									
	5-06	SPUN CHAIRS	3									
	5-07	OUTDOOR FOOSBALL TABLE										
	5-08	PING PONG TABLE										
	5-09	DRINK RAIL										
	5-10	CORN HOLE BOARDS										
	5-11	CUSTOM FEATURE WALL										
	CODE	8 - PLANTING DESCRIPTION	<u>QTY</u>	<u>DETAIL</u>	<u>MANUFACTURER</u>	MODEL	FINISH	COLOR	SIZE	SUBMITTAL	SHOP DRAWING	MOCK-UP
	8-01	WOOD MULCH	40.98 CY									

S $\frac{1}{2}$ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO





S ½ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO



OF RAMPS.

EQ SPACING INTERMEDIATE

POSTS @ 6' O.C. MAX.

1"X2" FLAT BAR STEEL HANDRAIL,

POWDERCOATED, COLOR TBD BY

LANDSCAPE ARCHITECT

POWDERCOAT, COLOR TBD

BY LANDSCAPE ARCHITECT,

6' O.C. MAX, EQUAL SPACING

- ADJACENT PAVING

" x2" FLAT BAR POST,

 $\frac{3}{4}$ " x2" FLAT BAR POST,

TBD BY LANDSCAPE

EQUAL SPACING

EXPANSION JOINT

RAMP & HANDRAIL AT GRADE

HANDRAIL SECTION

- ADJACENT PAVING

POWDERCOAT, COLOR

ARCHITECT, 6' O.C. MAX,

- CORE DRILL AND EPOXY, TYP.

CORE DRILL AND -

EPOXY, TYP.

HANDRAIL AT RAMP



ASCENT COMMUNITY CHURCH

550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY
CHURCH

550 McCASLIN BLVD LOUISVILLE, CO 80027

SUBMITTAL PUD AMENDMENT

DRAWN BY:

CHECKED BY: MF

PROJECT NO.: 20-086-00

REVISIONS

07/14/2023

SHEET TITLE

LANDSCAPE SITE DETAILS

SHEET INFORMATION

S ½ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO



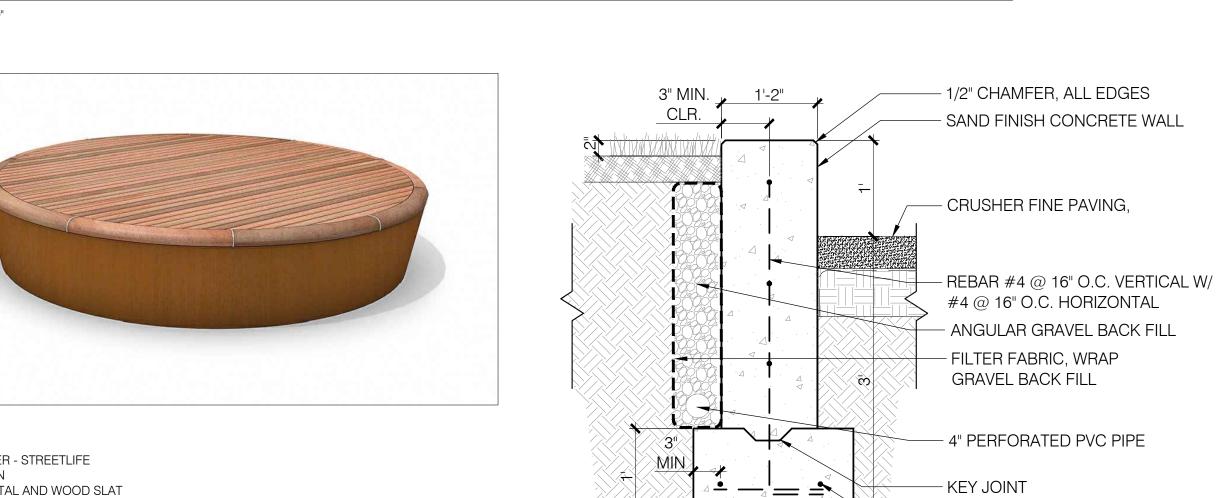


550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY CHURCH

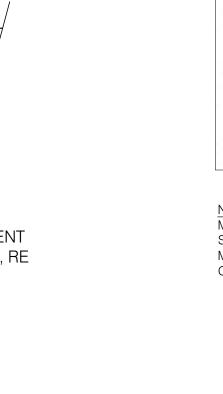
550 McCASLIN BLVD

LOUISVILLE, CO 80027





NOTES: MANUFACTURER - STREETLIFE SIZE - SEE PLAN MATERIAL - METAL AND WOOD SLAT



PRECAST CONCRETE CAP, 36" LENGTHS,

TYP. FLUSH WITH FACE

GROUT ALL ROWS SOLID

ADJACENT PAVING, RE: PLAN

- IRRIGATION SUPPLY, COORDINATE

DOME DRAIN, RE: MEP

FOR CONNECTION

STRUCTURE WITH WATERPROOFING

WATERPROOFING OF SLEEVING THROUGH

- CAST IN PLACE

3' O.C.

CONCRETE SEATWALL

- CAST IN JOINTS ON FACE AND TOP OF

CONCRETE WALLS @

FACE AT 48" O.C.

-CMU, 8" x 8" x 16" AND 4" x 8" x 16"

- #5 VERTICAL REBAR WITH STANDARD

BOTTOM HOOK INTO FOOTING EACH

UP AND STOP BELOW PAVING, RE: ARCH

- KEY JOINT 3" MIN **ADJACENT** - VERT. #5 REBAR @ 16" 3' O.C. O.C. HORIZ. #5 REBAR @ PAVING, RE **PLANS ELEVATION** #5 REBAR, CONT. WITH #5 REBAR TIE 16" O.C. CIP CONCRETE FOOTER COMPACT SUBGRADE TO 95% SPD CAST IN PLACE SEATWALL

2" WIDE

VARIES, SEE PLANS

¹/₂ RADIUS, ALL EDGES

C.I.P. CONCRETE WALL,

CAST IN JOINTS ON FACE

AND TOP OF CONCRETE

ADJACENT PLANTING,

RE: GRADING PLAN

WALLS @ 3' O.C.

RE PLANS

RE: GRADING PLAN

3" MULCH, RE: SPECS

DRIP IRRIGATION

SOIL, RE: SPECS

SURFACE MOUNTED -

TERMINATION BAR & SEALANT,

FASTEN 12" O.C. MAX. 1 ½

LIGHT WEIGHT AMENDED -

DRAIN MAT, RE: SPECS

HOT FLUID APPLIED -

BARRIER, RE: SPECS

RE: SPECS FOR INTENSIVE GREEN ROOF ASSEMBLY.

CMU PLANTER WALL W/ PRECAST CAP

BELOW TOP OF MULCH, TYP.

WATERPROOFING WITH ROOT

RE: GRADING PLAN

ADJACENT -

PAVING, RE

l PLANS

¹₄ EXPANSION

PODIUM DISC BENCH

1FT CONC. RETAINING WALL

(2) #5 REBAR, CONT. W/ #5

- PIP CONCRETE FOOTER

- COMPACT SUBGRADE

TO 95% SPD

REBAR TIE 16" O.C.

LANDSCAPE SITE **DETAILS**

SHEET INFORMATION

07/14/2023

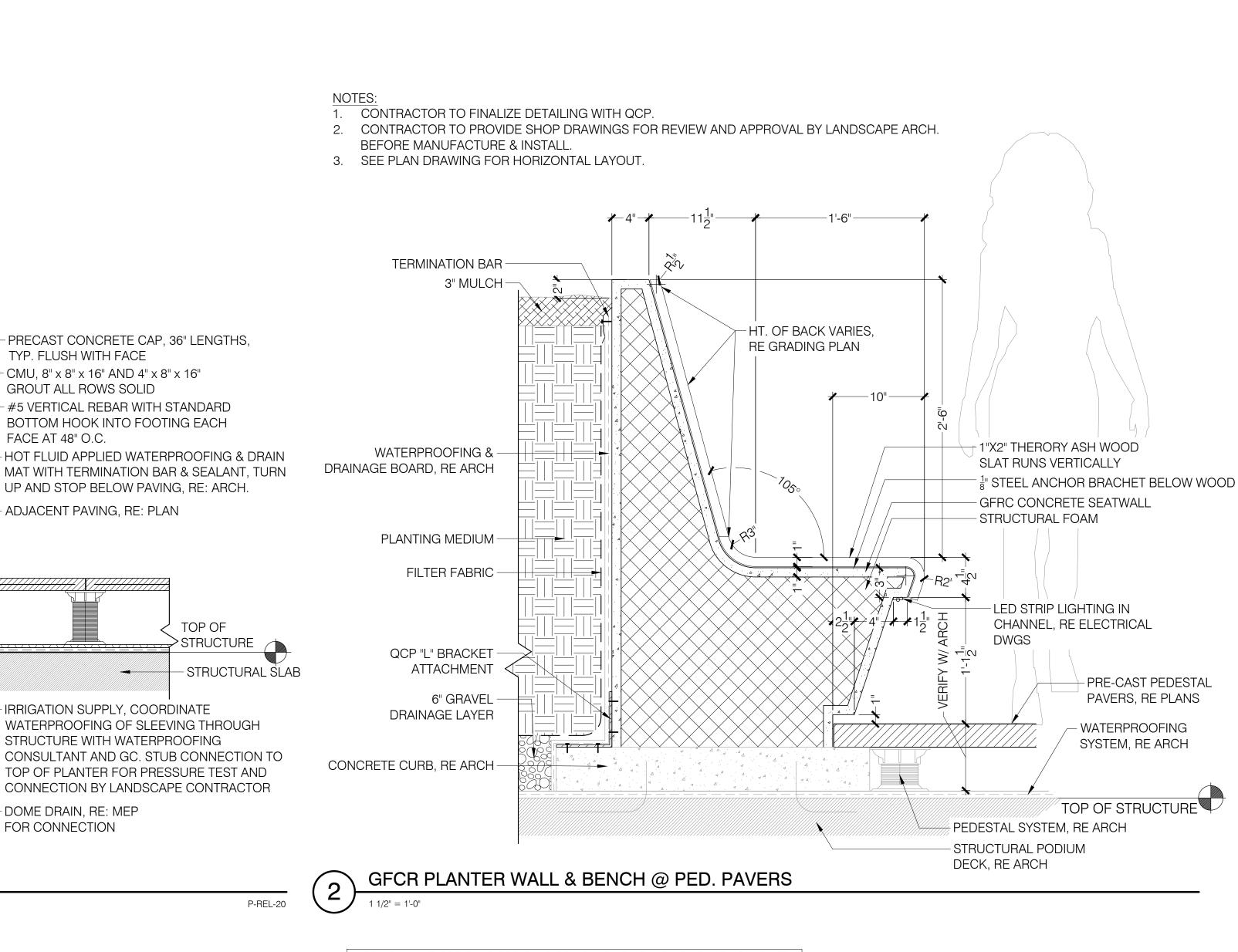
SHEET TITLE

SUBMITTAL

DRAWN BY:

PROJECT NO .:

PUD AMENDMENT



S ½ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

1 1 DIA. STAINLESS STEEL TUBE

1 ½ DIA. STAINLESS

STEEL TUBE POST

RECOMMENDATIONS

 $-1\frac{1}{2}$ " x $1\frac{1}{2}$ " SQUARE STAINLESS

- 3/16" STAINLESS STEEL CABLE

- SURFACE MOUNTING PER MANUFACTURER'S

- NEOPRENE GASKET, CUT TO MATCH BASEPLATE

STEEL TUBE

 $^-$ 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " SQUARE STAINLESS STEEL TUBE POST

1. CONTRACTOR TO PROVIDE

APPROVAL PRIOR TO

2. FOR FUTURE TENANT USE

INSTALLATION.

AND DIRECTION

SHOP DRAWINGS FOR LANDSCAPE ARCHITECT'S





550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY CHURCH

PREPARED FOR

550 McCASLIN BLVD LOUISVILLE, CO 80027

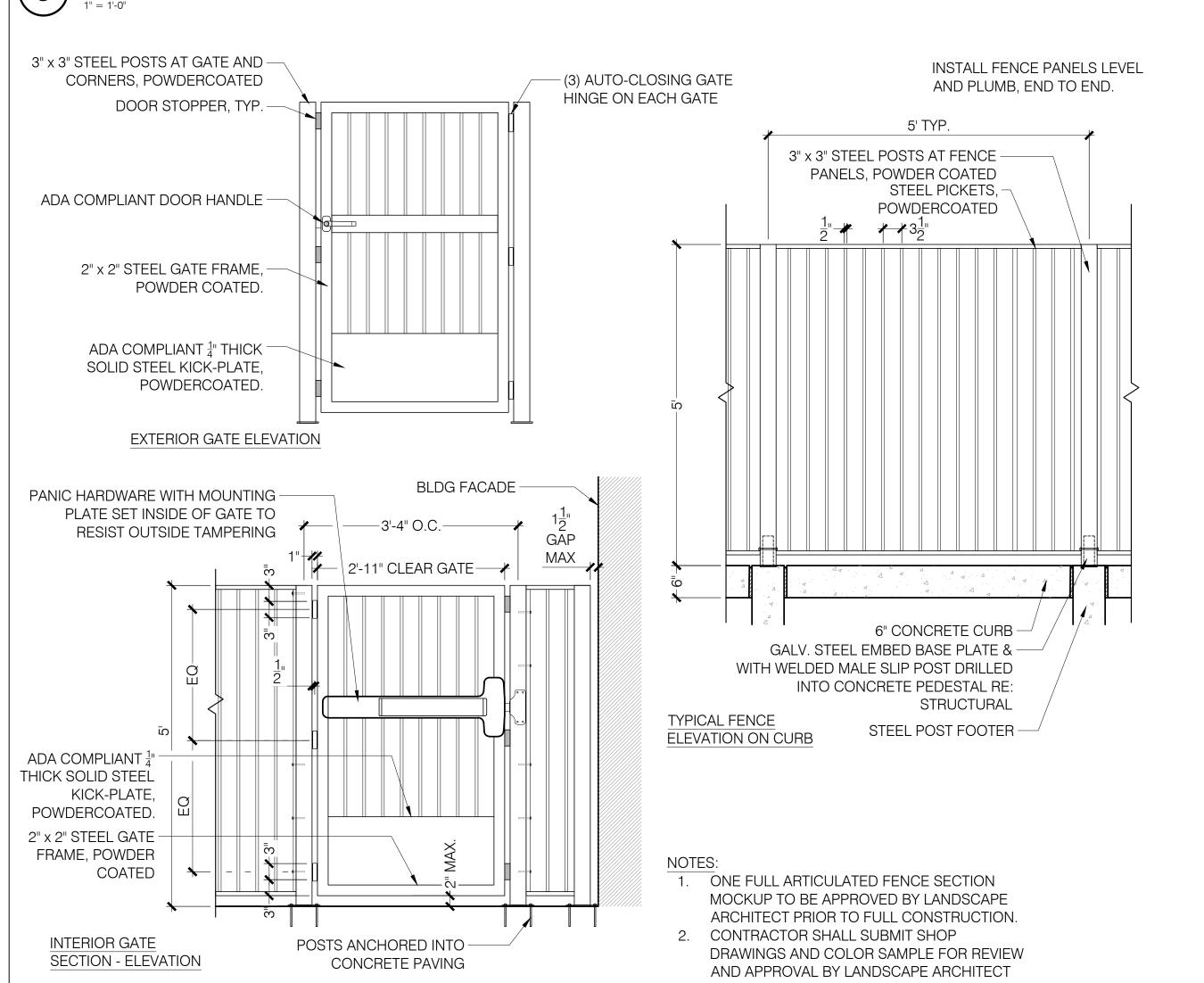


MANUFACTURER - RE: SPECS MODEL - RE: SPECS SIZE - RE: SPECS COLOR - RE: SPECS FILLING - RE: SPECS QUANTITY - 1

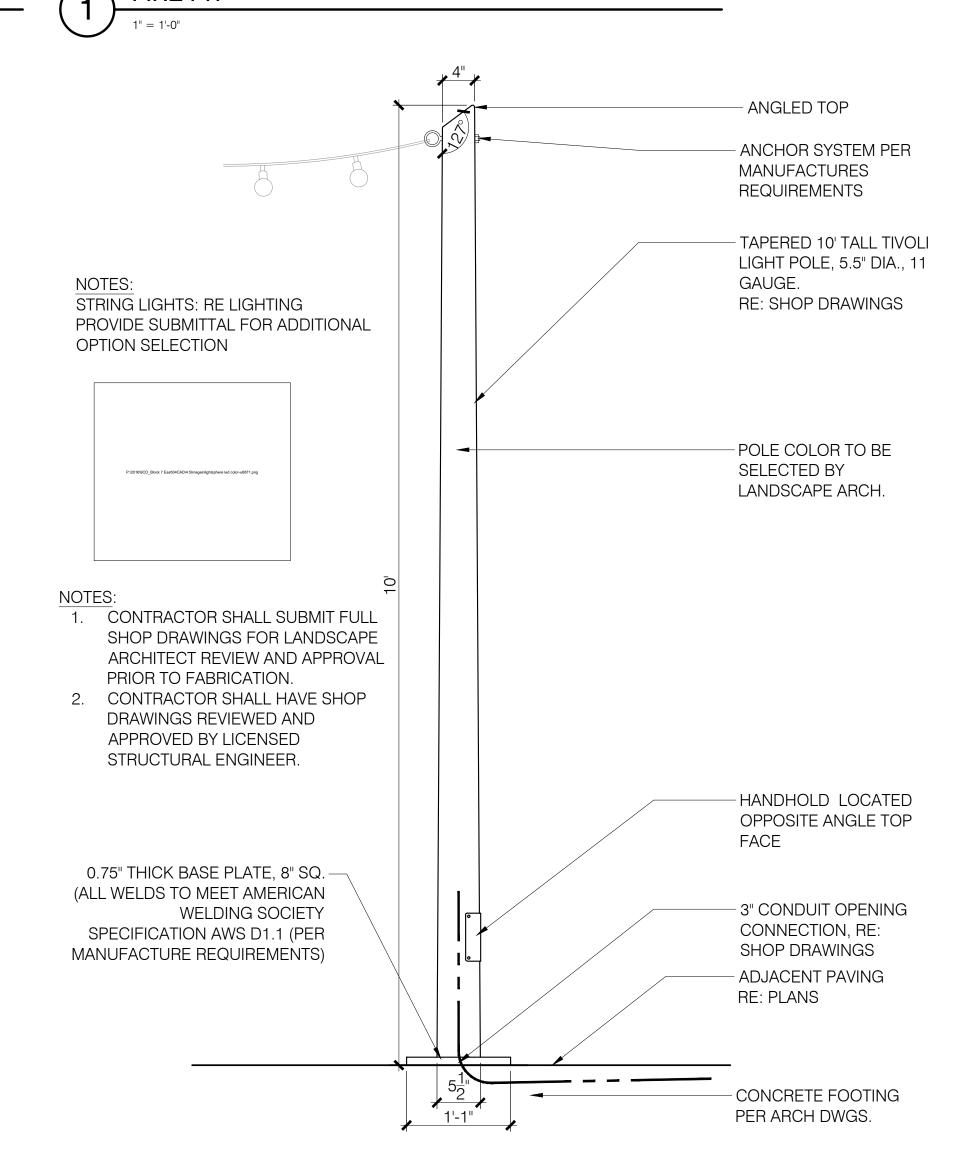
OUTDOOR CAFE RAILING

ELEVATION

PLAN



6'-6" TYP.



CATENARY LIGHT POLE

SUBMITTAL PUD AMENDMENT

DRAWN BY:

PROJECT NO.: 20-086-002 REVISIONS

07/14/2023

SHEET TITLE

LANDSCAPE SITE **DETAILS**

SHEET INFORMATION

7 Of 10

FENCE AND GATE

S ½ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

PLANTING NOTES

- All plant materials shall meet or exceed current American Standard for Nursery Stock (ANSI Z60.1-2004) and the Colorado Nursery Act and accompanying Rules and Regulations.
- 2. All plants will be balled and burlapped or container grown. Bare root or spaded plants will not be accepted
- 3. Supply all plant material in quantities sufficient to complete the planting bed as shown on the drawings.
- 4. All plants will be inspected and approved by the Owner's Representative prior to delivery
- 5. Any proposed substitutions of plant species shall be approved by the Landscape Architect prior to delivery to the site.
- Architect prior to delivery to the site.

 6. Obtain Landscape Architects approval of finish grading prior to the start of planting.
- 7. Stake locations of all proposed trees and edges of new planting beds for approval by the Landscape Architect prior to the commencement of planting.
- 8. Landscape Contractor shall be responsible for becoming aware of all underground utilities, pipes and structures. The Landscape Contractor shall be held responsible for contacting all utility companies for field location of underground utility lines prior to any excavation. Landscape Contractor shall take sole responsibility for any cost of utility repair due to damage caused by his operations.
- 9. Do not willfully proceed with construction as designed when it is obvious that unknown obstructions and/or grade differences exist that may not have been known during design. Such conditions shall be immediately brought to the attention of the Landscape Architect. The Landscape Contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.
- 10. Landscape Contractor shall be responsible for any coordination with subcontractors as required to accomplish planting operations.
- 11. See specifications for planting requirements, soil preparation testing, materials and execution. Arrange for visit of Landscape Architect for review and approval a minimum of 48 hours prior to installation.
- 12. See details and specifications for staking method, plant pit dimensions and backfill
- 13. Landscape Contractor shall provide per-unit costs for every size of plant materials, and by type, as called out on planting plans. Unit cost to include the plant material itself and installation, including all labor, amendments, fertilizers, etc., as detailed and specified for each size.
- Landscape Contractor is responsible to do their own quantity takeoffs for all plant materials and sizes shown on plans.
- 15. The Landscape Contractor shall be responsible for positive drainage throughout the site with accurately set flow lines. No low spots or ponding of surface water will be accepted in final work.
- 16. Coordinate installation of large plant material with installation of wall footings, bridge abutments and pavements. Any damage to improvements by others is the responsibility of the Landscape Contractor.
- 17. The Landscape Contractor shall allow for the addition of specified quantities of soil amendments, conditioners and mulch in soil preparation and finish grading.
- 18. Imported soil shall be used to supplement the existing soil as necessary to meet the finish grade requirements at planting areas.

- 19. The Landscape Contractor shall verify soil test at his expense prior to planting and will follow test recommendations and Landscape Architect's approval for soil amendments. The Landscape Contractor shall receive the specified subgrade elevation, of +/- one tenth of a foot below finish grade.
- 20. The Landscape Contractor shall be responsible to furnish and install amended or imported soil in any planting areas as necessary to achieve the specified finish planting grades unless otherwise noted on plans or specs.
- 21. The Landscape Architect reserves the right to adjust the location of plant material during installation as appropriate to the project. For trees in the right-of-way by Builder or Contractor, adjustments of 5'-0" or more must have prior authorization of Landscape Architect.
- 22. Contractor is to familiarize himself with the layout, grading and civil engineering documents to coordinate actual location of trees and shrubs.
- 23. Maintenance Statement: All landscaping shown on this plan shall be maintained in a neat and adequate manner. Required maintenance activities shall include, but not limited to, mowing of lawns, trimming of hedges, adequate irrigation, replacement of dead, diseased or unsightly landscaping, removal of weeds from planted areas, and appropriate pruning of plant materials.
- 24. Take dimensions from back of curb, center line of trees, and centerline of light pole bases, unless otherwise noted.
- 25. Take all dimensions perpendicular to any reference line, centerline, or back
- 26. Written dimensions supersede scaled dimensions. Do not scale drawings, if there is a question regarding dimension, contact Landscape Architect for verification.
- 27. All landscaped areas shall be irrigated with an automatic irrigation system. Lawn areas will be sprayed and shrubs will be drip irrigated. Natural areas, such as those with prairie types of grasses and native shrub species, are designed to irrigate through grow-in and then be shut off except during severe drought. Contractor shall be responsible for taps, backflow prevention and winterization systems, sleeving under paved areas and all sprinkler system components necessary for a fully functional system. Trees shall be on a separate zone from turf.
- 28. Street Trees shall be placed 5'-0" min from buried utilities.
- 29. All proposed landscaping in the right-of-way shall be per the City of Longmont Standards. Trees to be in accordance with current City of Longmont Standards including approved species; family, genus and species quantity and percentage limits; and limitations on the quantity of same-species trees in a row. Installation of trees in right-of-way to be per City of Colorado Springs detail.
- 30. Proposed trees in the right-of-way shall be pre-approved by the Landscape Architect and shall be a minimum of 20' from property corners at intersections, 20' from street lights, outside of 30' corner sight triangles and 10' from edge of driveways, alleys and hydrants.

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	
		183	EXISTING TREE TO REMAIN		
		183	-		
		10	EXISTING TREE (TO BE REMOVED)		
		10	-		
DECIDUOUS TREES	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	SIZE	
£	ACE ABZ	4	ACER X FREEMANII 'JEFFERSRED' AUTUMN BLAZE® FREEMAN MAPLE	2 1/2" CAL	
	QUE BIC	2	QUERCUS BICOLOR SWAMP WHITE OAK	2 1/2" CAL	
ORNAMENTAL TREES	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	SIZE	
	MAL PRA	4	MALUS X 'PRAIRIFIRE' PRAIRIFIRE CRABAPPLE	2" CAL / MULTI	
	MAL SPR	17	MALUS X 'SPRING SNOW' SPRING SNOW CRABAPPLE	2" CAL / MULTI	
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING
		3,319 SF	PERENNIAL, SHRUB, GRASS MIX		
honor of	AMS JN2		AMSONIA JONESII	5 GAL	8% @ 36" o.c
	ARC PA2		JONES' BLUESTAR ARCTOSTAPHYLOS X COLORADENSIS 'PANCHITO'	5 GAL	7% @ 48" o.c
	ART FR2		PANCHITO MANZANITA ARTEMISIA FRIGIDA	1 GAL	8% @ 18" o.c
	BOU BL2		FRINGED WORMWOOD BOUTELOUA GRACILIS 'BLONDE AMBITION'	1 GAL	8% @ 18" o.c
	CAR EB2		BLONDE AMBITION BLUE GRAMA CAREX EBURNEA	1 GAL	8% @ 12" o.c
	DAP BU2		BRISTLELEAF SEDGE DAPHNE X BURKWOODII 'CAROL MACKIE'	5 GAL	7% @ 36" o.c
	NAS TE2		CAROL MACKIE DAPHNE NASSELLA TENUISSIMA	1 GAL	8% @ 18" o.c
	PEN MK2		MEXICAN FEATHER GRASS PENSTEMON STRICTUS 'WWG06'	1 GAL	8% @ 15" o.c
	PEN XR2		BLANCA PEAK™ MOUNTAIN PENSTEMON PENSTEMON X MEXICALI 'P008S'	1 GAL	8% @ 18" o.c
	PRU PA2		RED ROCKS® PENSTEMON PRUNUS BESSEYI 'P011S'	1 GAL	7% @ 48" o.c
	RUD DE2		PAWNEE BUTTES® SAND CHERRY RUDBECKIA HIRTA 'DENVER DAISY'	1 GAL	8% @ 18" o.c
	SCH JA3		DENVER DAISY BLACK-EYED SUSAN SCHIZACHYRIUM SCOPARIUM 'JAZZ'	1 GAL	8% @ 18" o.c
	THU HE2		JAZZ LITTLE BLUESTEM THUJA OCCIDENTALIS 'HETZ MIDGET' HETZ MIDGET ARBORVITAE	5 GAL	7% @ 24" o.c



ASCENT
COMMUNITY
CHURCH

550 MCCASLIN BLVD LOUISVILLE, CO 80027

PREPARED FOR

ASCENT COMMUNITY CHURCH

550 McCASLIN BLVD LOUISVILLE, CO 80027

SUBMITTAL
PUD AMENDMENT

CHECKED BY:

PROJECT NO.:

20-086REVISIONS

DATE

07/14/2023

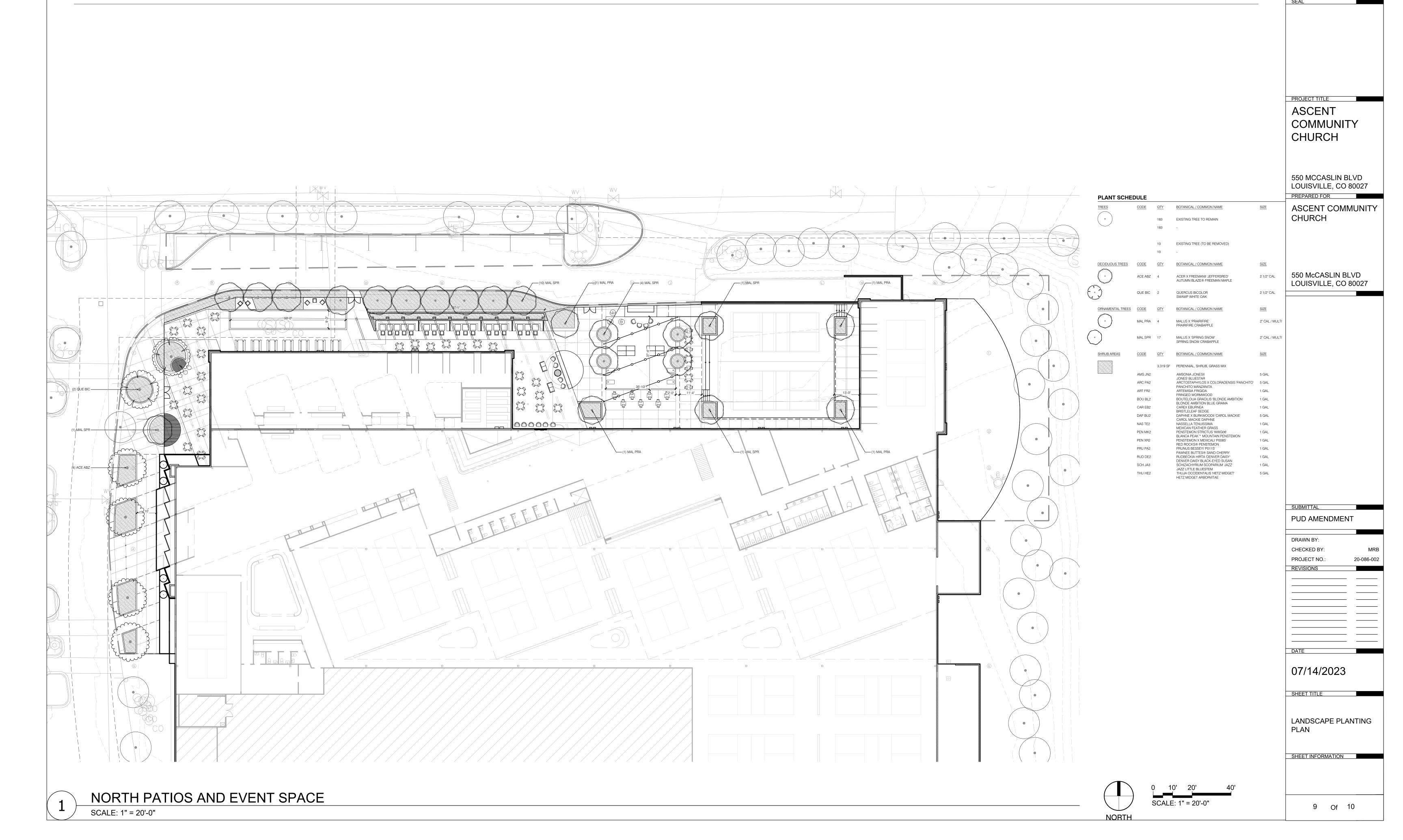
SHEET TITLE

LANDSCAPE PLANTING SCHEDULE + NOTES

SHEET INFORMATION

S $\frac{1}{2}$ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO





S ½ SECTION 18, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH P.M. CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO



PROJECT TITLE

PREPARED FOR

ASCENT COMMUNITY CHURCH

550 MCCASLIN BLVD LOUISVILLE, CO 80027

ASCENT COMMUNITY CHURCH

550 McCASLIN BLVD LOUISVILLE, CO 80027

SUBMITTAL **PUD AMENDMENT**

DRAWN BY: PROJECT NO .: REVISIONS

07/14/2023

SHEET TITLE

LANDSCAPE PLANTING **DETAILS**

SHEET INFORMATION

DO NOT CUT SINGLE LEADER. PRUNE ONLY DAMAGED, DEAD WOOD, OR CO-DOMINANT LEADERS AT CITY FORESTER'S DIRECTION. ·12" NYLON TREE STRAP WITH GROMMETS ON GUY WIRE DO NOT TWISTS STRAPS TO TIGHTEN AROUND TRUNK. DECIDUOUS TREE FALL PLANTING: WRAP TRUNK TO FIRST BRANCH WITH SPECIFIED TREE WRAP MATERIAL. SECURE AT TOP WITH MASKING TAPE. DO NOT WRAP ROUGH BARK, POPULUS, OR GLEDITSIA TREES. REMOVE IN SPRING AS SPECIFIED. 1/2" DIAMETER WHITE PVC PIPE SECTION ON ENTIRE LENGTH OF EACH WIRE. SET ROOT COLLAR 2 TO 3" HIGHER THAN FINISHED GRADE. REMOVE EXCESS SOIL FROM TOP OF ROOT BALL. 14-GAUGE GALVANIZED WIRE, DOUBLE STRAND. LEAVE 1-2" SLACK IN WIRE TO ALLOW FOR TRUNK MOVEMENT. IF NEEDED, 6' STEEL T-POST OR WOOD STAKE (4' EXPOSED, 2' IN UNDISTURBED

2X ROOT

, BALL DIAMETER

3-4 X ROOT BALL DIAMETER

SUBGRADE) WITH SAFETY CAPS, SET TO WINDWARD SIDE AND OTHER OPPOSITE; OR OTHER PRE-APPROVED STAKING METHOD. CIRCLE OF SHREDDED WOOD MULCH, 3" DEEP AND 4-6" AWAY FROM TRUNK, TO OUTER EDGE OF PLANTING HOLE. FORM 2" HIGH DIRT SAUCER AROUND PIT AT OUTSIDE OF TRANSITION ZONE. FINISH GRADE SLOPE SIDES OF PLANTING PIT AS SHOWN, ROUGHEN SIDES PRIOR TO BACKFILL. SPECIFIED BACKFILL MIXTURE (INCLUDE NATIVE SOIL WHERE POSSIBLE). UNDISTURBED SUBGRADE COMPLETELY REMOVE ALL TWINE AND WIRE BASKET. PULL BURLAP DOWN MINIMUM OF 2/3. CUT AND REMOVE FROM PIT.

ANY BROKEN, CRUMBLING, OR OTHERWISE DAMAGED ROOTBALL WILL BE REJECTED. DAMAGE DURING PLANTING OPERATIONS WILL NOT BE EXCUSED.

TREES PLANTED UPON PARK LAND, PUBLIC PROPERTY, OR WITHIN THE PUBLIC RIGHT OF WAY (PRW) ARE SUBJECT TO THE FOLLOWING RESTRICTIONS:

- AN APPROVED PLANTING PERMIT FROM THE OFFICE OF THE CITY FORESTER, REGARDLESS OF APPROVED PLANS, IS REQUIRED PRIOR TO PLANTING.
- ADMINISTRATIVE CITATIONS UP TO \$999 SHALL BE ISSUED FOR TREES PLANTED WITHOUT AN OFFICE OF THE CITY FORESTER ISSUED PERMIT.
- ONLY TREES FROM DENVER FORESTRY'S APPROVED STREET TREE LIST OR TREES APPROVED BY THE CITY FORESTER'S OFFICE SHALL BE PLANTED IN THE
- FOR A LIST OF PROHIBITED OR SUSPENDED PRW TREES, SEE DENVER FORESTRY WEBSITE OR CALL THE FORESTRY OFFICE.
- IF OVERHEAD UTILITY WIRES EXIST IN THE PRW, ONLY ORNAMENTAL OR TREES MATURING AT 20 (TWENTY) FEET MAXIMUM HEIGHT SHALL BE PLANTED.
- TREES SHALL BE CENTERED IN TREE LAWNS AND/OR PLANTING AREAS.
- TREES SHALL NOT BE PLANTED IN TREE LAWNS LESS THAN FIVE FEET WIDE. WHERE SIDEWALKS ARE NOT PRESENT, TREES SHALL BE LOCATED AS DESIGNATED BY DENVER FORESTRY.
- PLANTING IN CORNER TRIANGLE FORMED BY THE FIRST 30 (THIRTY) FEET ALONG THE PRW LINE IN EACH DIRECTION FROM THE CORNER IS NOT PERMITTED.
- PLANTING WITHIN 10 (TEN) FEET OF ALLEYS, DRIVEWAYS, OR FIRE HYDRANTS IS NOT PERMITTED. PLANTING WITHIN 20 (TWENTY) FEET OF STOP SIGNS IS NOT PERMITTED.
- PLANTING WITHIN 25 (TWENTY-FIVE) FEET OF STREET LIGHTS IS NOT PERMITTED.
- PLANTING WITHIN FIVE FEET OF WATER METERS OR PITS IS NOT PERMITTED.
- LARGE SHADE TREES SHALL BE SPACED 35 (THIRTY-FIVE) FEET O.C. AND ORNAMENTAL TREES 25 (TWENTY-FIVE) FEET O.C. OR AS DESIGNATED BY
- TREES SHALL BE PRUNED TO MAINTAIN A CLEARANCE OF 13'-6" OVER STREETS AND ALLEYS AND EIGHTY INCHES OVER REMAINING PORTIONS OF PRW, INCLUDING SIDEWALK.

PRIOR TO DIGGING, THE UTILITY NOTIFICATION CENTER OF COLORADO SHALL BE CONTACTED AT 811 TO LOCATE UNDERGROUND UTILITIES.

STANDARD TREE PLANTING DETAIL

FOR SOD AREA OR TREE LAWN

DATE: 7/16/14

	/TOPSOIL	
	LEAVE GRADE SOD AND 1/2"	E 1 1/2" LOWER IN AREAS TO LOWER IN AREAS TO SEED ENT TO HARDSCAPE EE SPECS
\	- SEED SEED SEED SEED SEED SEED SEED SEE	~ ADJACENT PAVING, SEE PLANS
50		
		COMPACTED SUBGRADESCARIFY SUBGRADE PRIORTO PLACING TOPSOIL



TRIANGULAR

3" WOOD MULCH, RE: SPECS - PLANTING MIX, 12" DEPTH MIN.

ORNAMENTAL GRASS PLANTING

ROW

5 1/4"

1'-3 5/8"

1'-8 3/4"

2'-2"

2'-7"

3'-5 1/2"

4'-4"

AREA PER PLANT

SQ.FT. .096

.385

.60 .87

1.95

3.46

5.42

7.80

13.84

21.65

31.20

SET ORNAMENTAL GRASS TO

SPECIFIED TRIANGULAR SPACING RE: PLANT SCHEDULE

- SUBGRADE

P-REL-02

TURF PLANTING

2 X ROOTBALL

DIAMETER

SHRUB PLANTING

P-REL-01

PLANTING MIX ROOTBALL AFTER ²/₃ BURIED IN PIT - PLACE ON UNDISTURBED SUBGRADE

- PLANT CROWN 1" ABOVE FINISH GRADE - 3" DEEP SHREDDED WOOD MULCH SCARIFY SIDES OF HOLE PRIOR TO BACK-FILLING REMOVE PLANT FROM CONTAINER OR PEEL BACK BURLAP AND REMOVE TWINE / WIRE FROM

NOTE: INCORPORATE LIQUID ROOT STIMULANT AS PART OF PLANTING OPERATION

FOR TRIANGULAR SPACING OF SHRUBS PERENNIALS AND GROUNDCOVERS. SEE PLANT SPACING DISTANCE

EDGE OF PAVING, WALL, PLANTER BED OR HEADER (SEE PLANS)

SHRUB AND PERENNIAL SPACING