

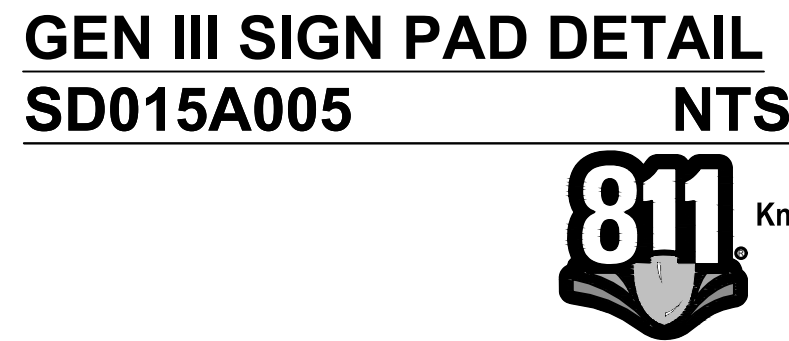
**A PARCEL OF LAND LOCATED IN THE NORTHEAST $\frac{1}{4}$ SECTION 7 TOWNSHIP 5 SOUTH,
RANGE 66 WEST, 6TH P.M. COUNTY OF ARAPAHOE, STATE OF COLORADO**



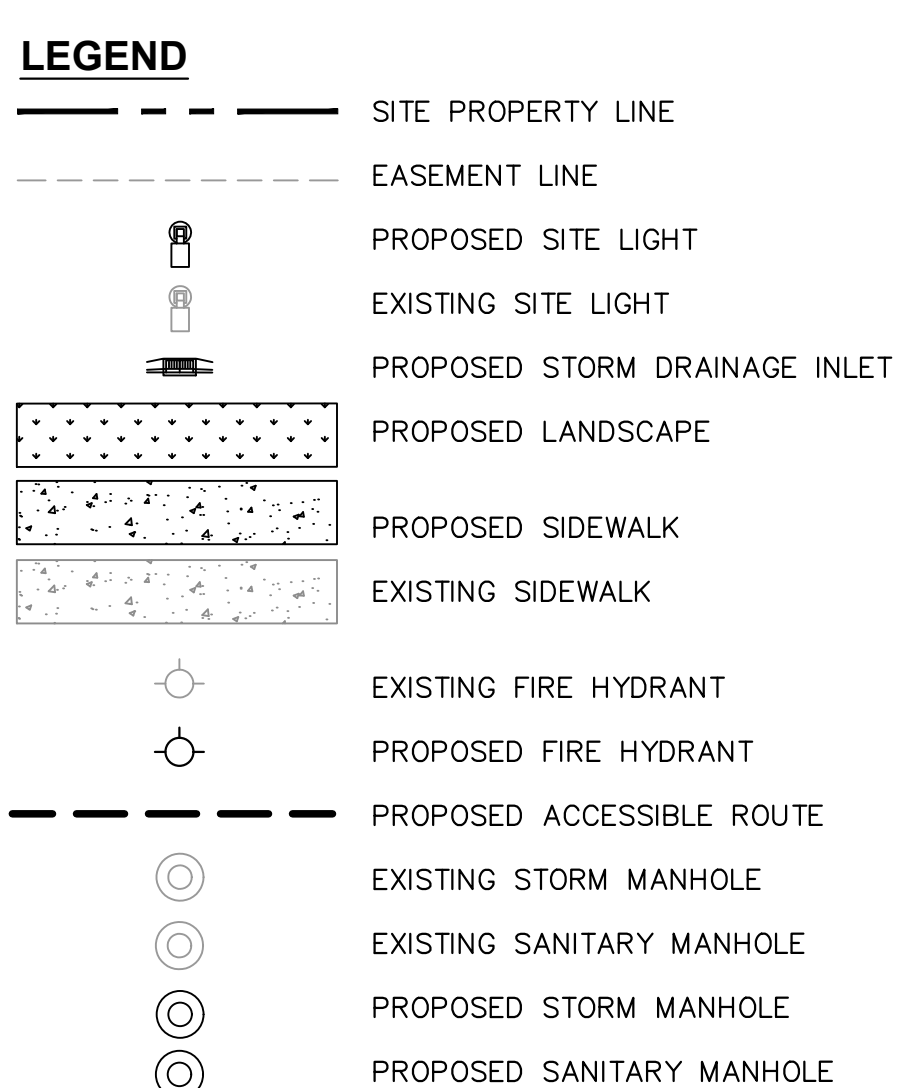
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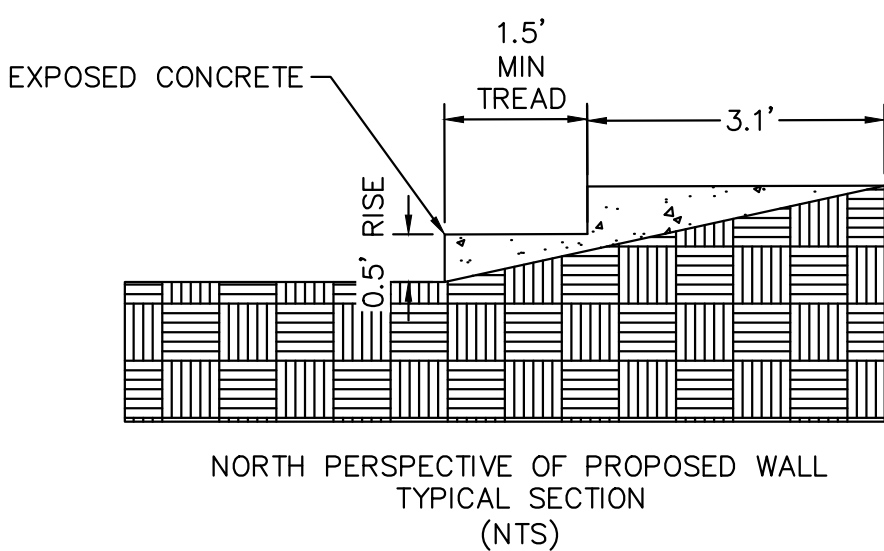
- THE UTILITY EASEMENT THAT OVERLAPS THE DRAINAGE EASEMENT. INSTALLATION OF ABOVE GROUND UTILITIES WITHIN A DRAINAGE EASEMENT REQUIRES PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER
14. THE APPROVAL OF THIS DOCUMENT DOES NOT CONSTITUTE FINAL APPROVAL OF GRADING, DRAINAGE, UTILITY, PUBLIC IMPROVEMENTS AND BUILDING PLANS. CONSTRUCTION PLANS MUST BE REVIEWED AND APPROVED BY THE APPROPRIATE AGENCIES PRIOR TO THE ISSUANCE OF BUILDING PERMITS.
15. NOTWITHSTANDING ANY SURFACE IMPROVEMENTS, LANDSCAPING, PLANTING OR CHANGES SHOWN IN THESE SITE OR CONSTRUCTION PLANS, OR ACTUALLY CONSTRUCTED OR PUT IN PLACE, ALL UTILITY EASEMENTS MUST REMAIN UNOBSTRUCTED AND BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH TO ALLOW FOR MAINTENANCE EQUIPMENT. ADDITIONALLY, NO INSTALLATION, PLANTING, CHANGE IN THE SURFACE, ETC., SHALL INTERFERE WITH THE OPERATION OF THE UTILITY LINES PLACED WITHIN THE EASEMENT. BY SUBMITTING THESE SITE OR CONSTRUCTION PLANS FOR APPROVAL, THE CITY OWNER ACKNOWLEDGES AND ACCEPTS THE TERMS, CONDITIONS AND REQUIREMENTS OF THIS NOTE.
16. ERRORS IN APPROVED SITE PLANS RESULTING FROM COMPUTATIONS OR INCONSISTENCIES IN THE DRAWINGS MADE BY THE APPLICANT ARE THE RESPONSIBILITY OF THE PROPERTY OWNER OF RECORD. WHERE FOUND, THE CURRENT MINIMUM CODE REQUIREMENTS WILL APPLY AT THE TIME OF BUILDING PERMIT. PLEASE BE SURE THAT ALL PLAN COMPUTATIONS ARE CORRECT.
17. THE STREETLIGHT OR PEDESTRIAN LIGHT INSTALLATION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE DESIGNED, FUNDED, AND CONSTRUCTED BY THE DEVELOPER/OWNER. OWNERSHIP AND MAINTENANCE OF THE STREET/PEDESTRIAN LIGHTS SHALL BE THE RESPONSIBILITY OF THE CITY OF AURORA ONCE THEY HAVE BEEN ACCEPTED. STREET LIGHT AND/OR PEDESTRIAN PHOTOMETRICS PLANS SHALL BE PREPARED AND SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL AND SHALL BECOME A PART OF THE CITY RECORD. FOR OVERHEAD PEDESTRIAN LIGHTS, THE PROJECT, AN ELECTRICAL PLAN, SHOWING SITE LOCATION OF LIGHTS, ELECTRICAL ONE LINE AND GROUNDING DETAILS SHALL BE SUBMITTED TO THE PERMIT CENTER FOR REVIEW BY THE BUILDING DEPARTMENT. THE OWNER IS RESPONSIBLE FOR OBTAINING AN ADDRESS FOR THE METER(S) FROM THE PLANNING DEPARTMENT. A BUILDING PERMIT FOR THE METER AND A PUBLIC INSPECTIONS PERMIT FOR THE STREET LIGHTS ARE REQUIRED. CERTAIN SITE UTILITIES WILL NOT BE ISSUED UNTIL THE STREET AND/OR PEDESTRIAN LIGHTING PLANS ARE APPROVED, CONSTRUCTED, AND INITIALLY ACCEPTED.
18. FINAL GRADE SHALL BE AT LEAST SIX (6) INCHES BELOW ANY EXTERIOR WOOD SIDING ON THE PREMISES.
19. ALL REPRESENTATIONS AND COMMITMENTS MADE BY APPLICANTS AND PROPERTY OWNERS AT PUBLIC HEARINGS REGARDING THIS PLAN ARE BINDING UPON THE APPLICANT, PROPERTY OWNER, AND THEIR HEIRS, SUCCESSORS, AND ASSIGNS.

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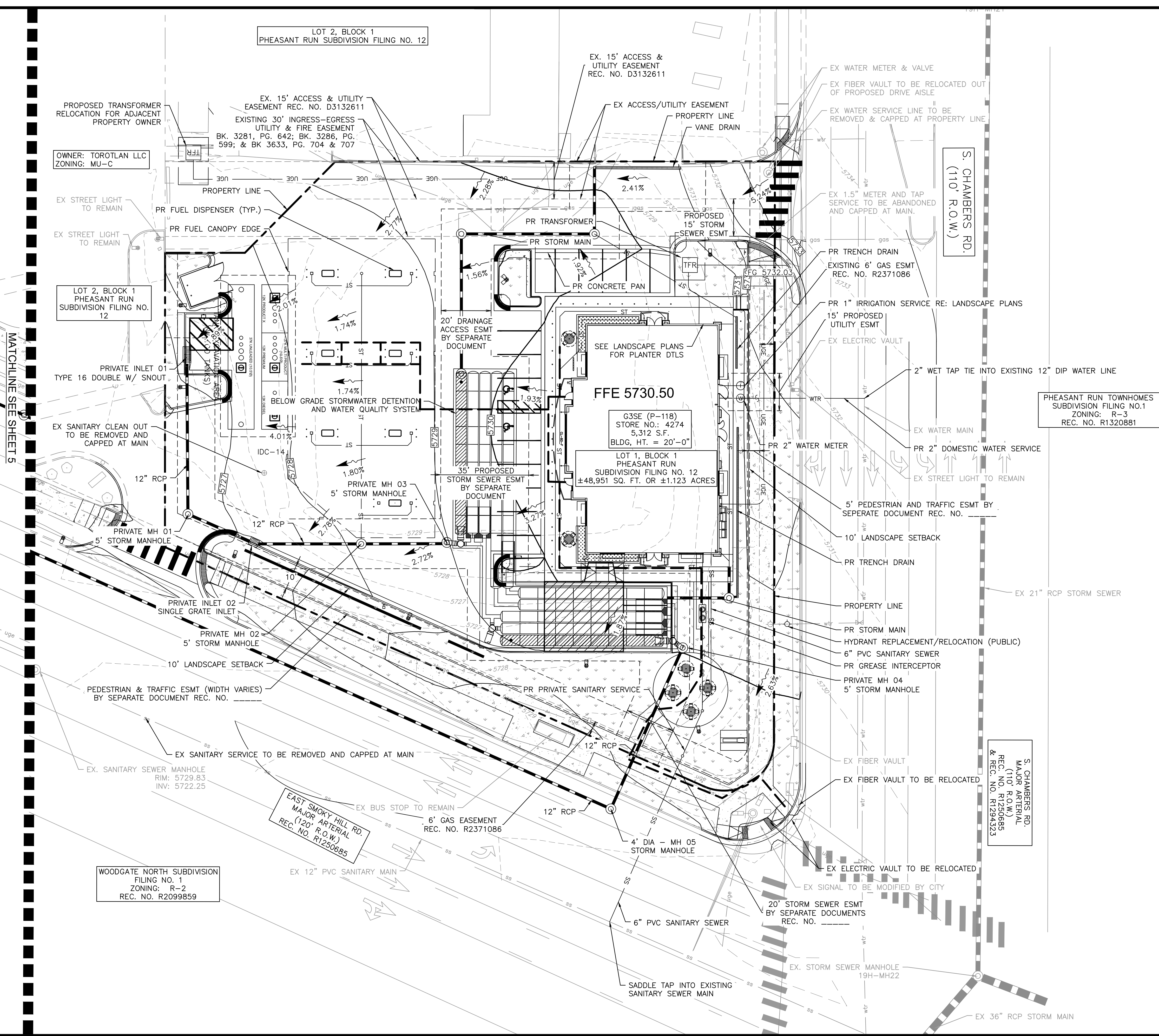
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





1. THESE PLANS ARE NOT FOR CONSTRUCTION.
2. PUBLIC IMPROVEMENTS MUST BE COMPLETED
AND ACCEPTED PRIOR TO THE
COMMENCEMENT OF BUSINESS OPERATIONS
3. THE EXISTING STREETLIGHTS ALONG BOTH
SMOXY HILL ROAD AND CHAMBERS ROAD
SHALL BE EVALUATED FOR CONFORMANCE
WITH THE MOST CURRENT PHOTOMETRIC
REQUIREMENTS FROM THE ROADWAY MANUAL
WITH THE CIVIL PLANS. ADDITIONAL LIGHT
MAY BE REQUIRED TO COMPLY WITH
CURRENT PHOTOMETRIC REQUIREMENTS.

[illegible]

MATCHLINE SEE SHEET 5



LEGEND

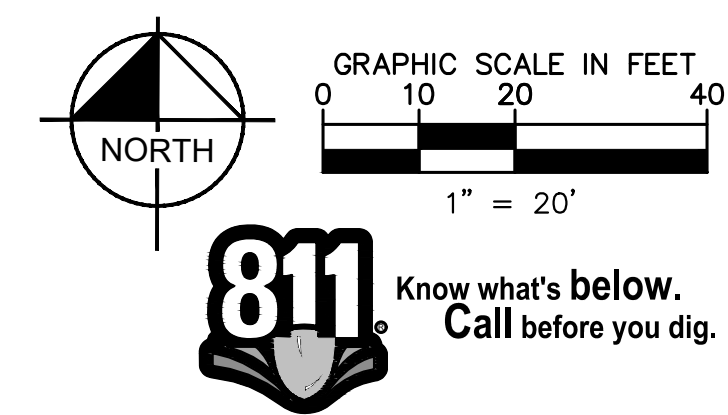
- | | |
|---|-------------------------------|
|  | SITE PROPERTY LINE |
|  | PROPOSED WATER LINE |
|  | PROPOSED SSWR LINE |
|  | PROPOSED STORM SEWER |
|  | PROPOSED CONTOUR |
|  | EXISTING CONTOUR |
|  | PROPOSED SITE LIGHT |
|  | PROPOSED STORM DRAINAGE INLET |
|  | PROPOSED STORM MANHOLE |
|  | PROPOSED FIRE HYDRANT |
|  | PROPOSED WATER METER |
|  | EX. GATE VALVE |
|  | ACCESSIBLE ROUTE |


GENERAL NOTES

1. THESE PLANS ARE NOT FOR CONSTRUCTION. REFER TO THE FINAL APPROVED CONSTRUCTION PLANS.
2. ALL GRADE ELEVATIONS ARE TOP OF PAVEMENT ELEVATIONS UNLESS INDICATED OTHERWISE.
3. ALL SANITARY SEWER PIPES AND STRUCTURES TO BE INSTALLED WILL BE PRIVATE FACILITIES.
4. ALL STORM SEWER IS PRIVATE UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED BY THE PROPERTY OWNER.
5. THE RESULTANT GRADE IN ANY DIRECTION WITHIN ACCESSIBLE PARKING AREAS SHALL NOT EXCEED TWO PERCENT.
6. THE SLOPE AWAY FROM THE BUILDING SHALL HAVE A MINIMUM GRADE OF FIVE (5) PERCENT FOR THE FIRST TEN FEET OR TO THE PROPERTY LINE, WHICHEVER OCCURS FIRST, THEN A MINIMUM OF TWO (2) PERCENT UNTIL THE SLOPE REACHES THE SWALE AROUND THE BUILDING. IF THE CIRCULAR OBSTRUCTIONS OR LOT LINES PROHIBIT THE TEN FEET OF HORIZONTAL DISTANCE, A FIVE (5) PERCENT SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING STORM RUNOFF AWAY FROM THE FOUNDATION. IMPERVIOUS SURFACES WITHIN TEN FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF TWO (2) PERCENT AWAY FROM THE BUILDING.
7. THE MAXIMUM SLOPE WITHIN ROW IS 4:1, THE MAXIMUM SLOPE FOR PROPERTY OUTSIDE OF THE ROW IS 3:1.
8. THE MAXIMUM PERMISSIBLE LONGITUDINAL GRADE FOR FIRE LANES IS 10%. THE MAXIMUM TRANSVERSE GRADE FOR A FIRE LANE IS FOUR PERCENT WITH A RESULTANT MAXIMUM SLOPE OF TEN PERCENT.
9. THE MAXIMUM CROSS SLOPE IN AN ACCESSIBLE PARKING SHALL NOT EXCEED TWO PERCENT. THE MAXIMUM LONGITUDINAL SLOPE IN AN ACCESSIBLE PATH SHALL NOT EXCEED FIVE PERCENT.
10. MINIMUM SLOPE ON UNPAVED AREAS IS 2%, MINIMUM SLOPE ON ASPHALT IS 1%, AND MINIMUM SLOPE ON CONCRETE IS 0.5%.
11. ALL PROPOSED PAVEMENT MATERIAL IS TO BE DETERMINED AND NOTED ON THE FINAL CONSTRUCTION DOCUMENTS AS ASPHALT OR CONCRETE. MINIMUM SLOPES AS REQUIRED FOR CONCRETE AND ASPHALT WILL BE DEMONSTRATED IN FINAL CONSTRUCTION DOCUMENTS.

GENERAL NOTES

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3. THE EXISTING STREETLIGHTS ALONG BOTH SMOKY HILL ROAD AND CHAMBERS ROAD SHALL BE EVALUATED FOR CONFORMANCE WITH THE MOST CURRENT PHOTOMETRIC REQUIREMENTS FROM THE ROADWAY MANUAL WITH THE CIVIL PLANS. ADDITIONAL LIGHT MAY BE REQUIRED TO COMPLY WITH CURRENT PHOTOMETRIC REQUIREMENTS.



<div style="text-align: center;"> QUICKTRIP 4274 E. SMOKY HILL RD & S. CHAMBERS RD SITE PLAN COUNTY OF ARAPAHOE, STATE OF COLORADO GRADING & UTILITY PLAN </div>	<div style="text-align: center;"> PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION  Kimley-Horn and Associates, Inc. </div>		<div style="text-align: center;"> 4 </div>
	PROJECT NO. 096888040	DRAWING NAME	

GENERAL NOTES

- ## GENERAL NOTES

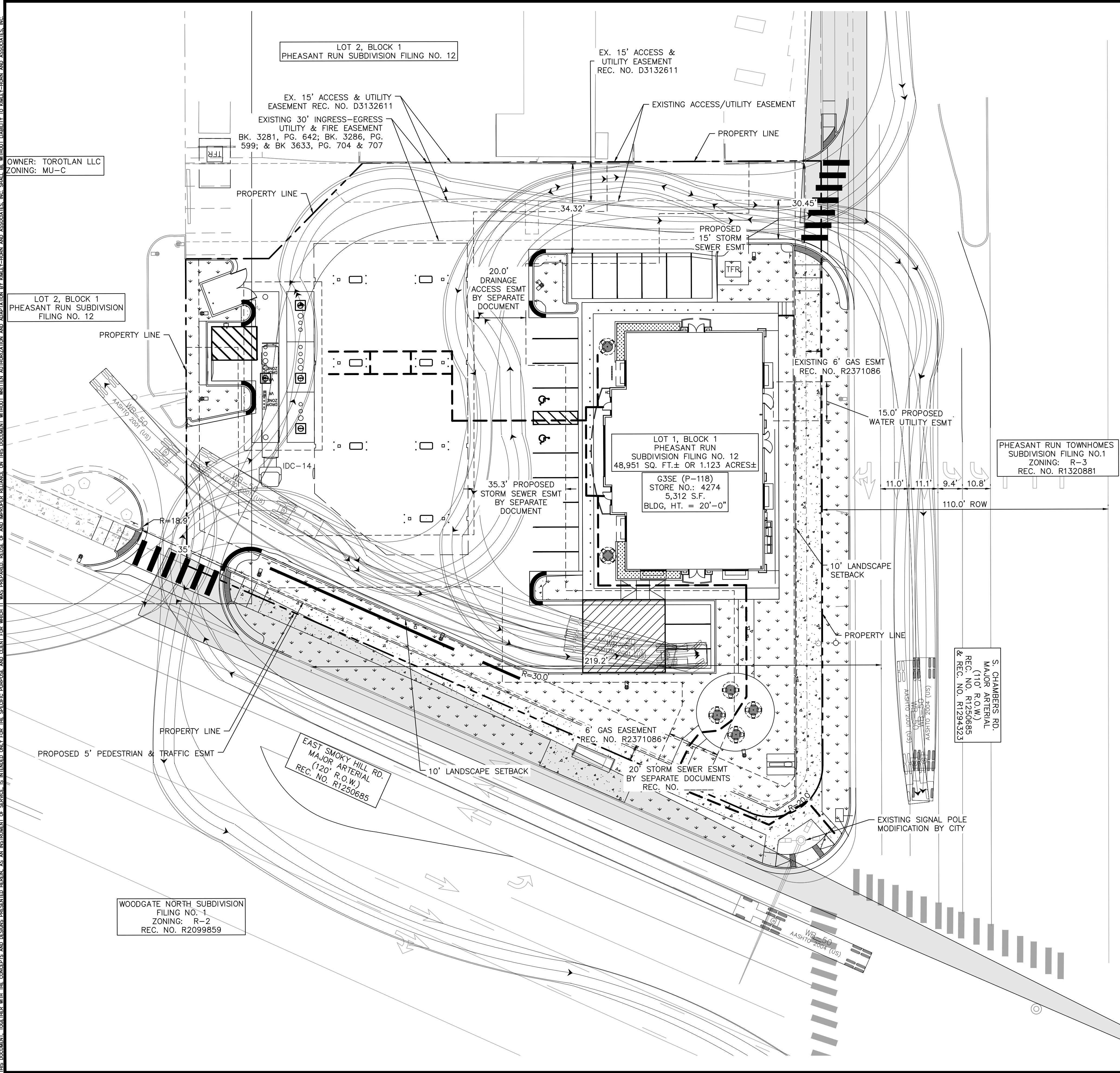
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GRADING & UTILITY PLAN

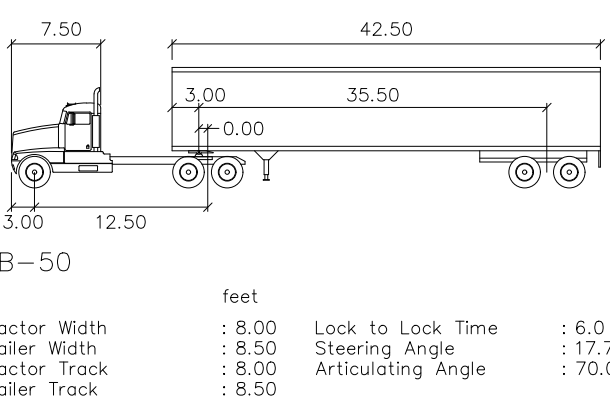
GRADING & UTILITY PLAN

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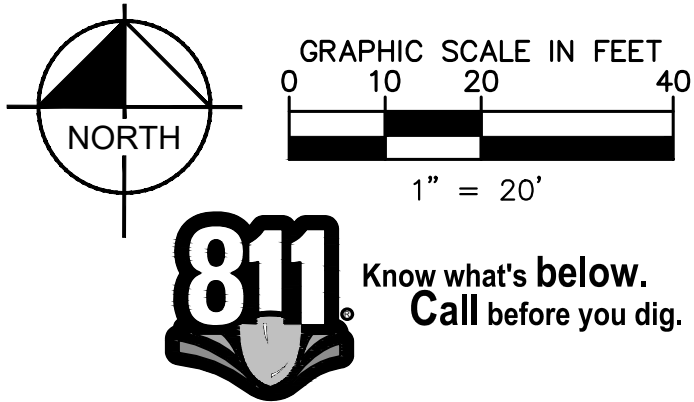
- LEGEND**
- SITE PROPERTY LINE
 - - - EASEMENT LINE
 - ⬢ PROPOSED SITE LIGHT
 - ⬢ EXISTING SITE LIGHT
 - ⬢ PROPOSED STORM DRAINAGE INLET
 - ▨ PROPOSED LANDSCAPE
 - ▨ PROPOSED SIDEWALK
 - ▨ EXISTING SIDEWALK
 - ⊙ EXISTING FIRE HYDRANT
 - ⊙ PROPOSED FIRE HYDRANT
 - PROPOSED ACCESSIBLE ROUTE
 - ⊙ STORM MANHOLE
 - ⊙ SANITARY MANHOLE



OPERATIONS PLAN

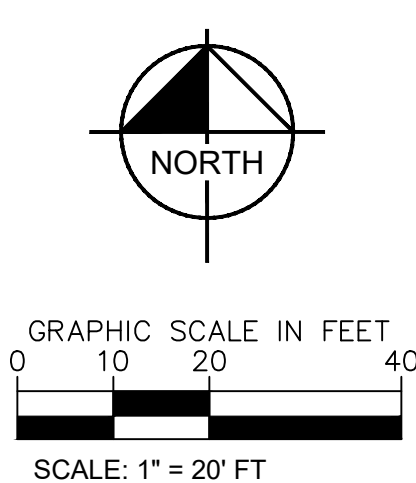
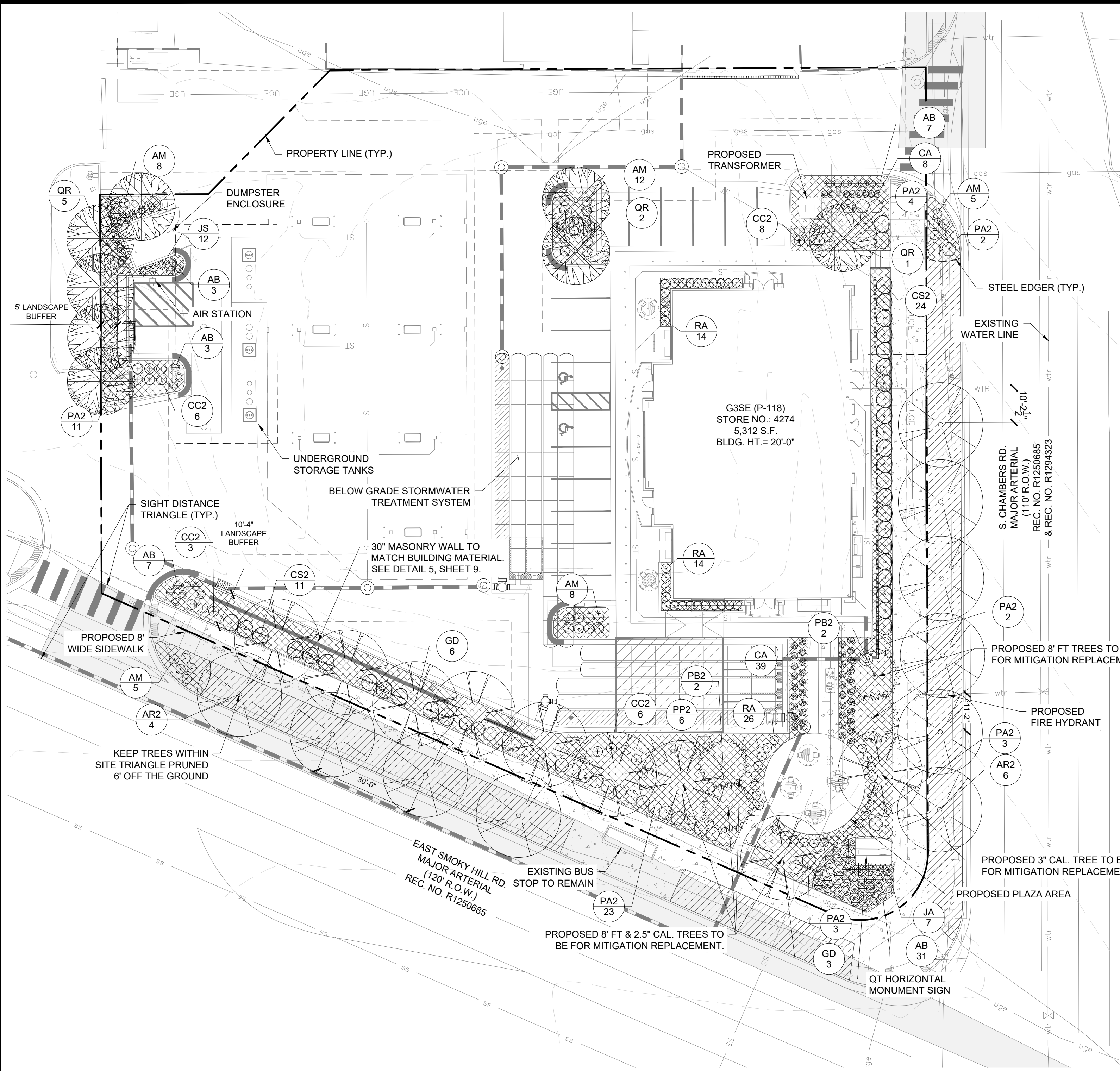
THE CONVENIENCE STORE WITH FUEL SALES WILL BE OPEN 24 HOURS PER DAY. EACH LOCATION EMPLOYS AN AVERAGE OF 22 PEOPLE, 4 EMPLOYEES PER SHIFT, 3 SHIFTS PER DAY. THE PEAK VISITATION TO THE SITE CORRELATES WITH NORMAL BUSINESS TRAVEL HOURS. IN THE MORNING FROM 6AM - 9AM AS PEOPLE ARE HEADING OUT TO WORK, FROM 11AM TO 1PM AS PEOPLE ARE SEARCHING OUT LUNCH OPTIONS, THEN FROM 4PM TO 6PM WHEN PEOPLE ARE ON THEIR WAY HOME FROM WORK. THE NUMBER OF CUSTOMERS DURING THESE PEAK HOURS IS DIRECTLY DEPENDENT ON THE NUMBER OF RESIDENTS WITHIN THE IMMEDIATE AREA AND TRAFFIC THAT CURRENTLY USES THE ADJACENT ROADWAY SYSTEM.

ALL DELIVERIES WILL BE SCHEDULED DURING DAYTIME HOURS SO AS TO NOT HAVE AN ADVERSE EFFECT ON THE NEIGHBORING PROPERTIES, THERE WILL NOT BE ANY OUTDOOR STORAGE OF MATERIALS, AND THERE ARE NO HAZARDOUS MATERIALS STORED ON SITE.



NO.		REVISION		BY	DATE	APPR
Kimley»Horn 2023 KIMLEY-HORN AND ASSOCIATES, INC. 6200 South Syracuse Way, Suite 300 Greenwood Village, CO 80111 (303) 228-2300						
DESIGNED BY: MGK DRAWN BY: MGK CHECKED BY: DNP DATE: 12/11/2024						
QUIKTRIP 4274 E. SMOKY HILL RD & S. CHAMBERS RD SITE PLAN COUNTY OF ARAPAHOE, STATE OF COLORADO OPERATIONS PLAN						
FOR REVIEW ONLY NOT FOR CONSTRUCTION Kimley»Horn Kimley-Horn and Associates, Inc.						
PROJECT NO. 096888040						
DRAWING NAME						
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NOT FOR CONSTRUCTION

AURORA STANDARD LANDSCAPE NOTES

- ALL UTILITY EASEMENT SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS, SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED SITE PLAN OR LANDSCAPE PLAN ON FILE IN THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN, PRIOR TO ISSUANCE OF CERTIFICATES OF OCCUPANCY.
- ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS, MUST BE WATERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. IRRIGATION SYSTEM DESIGN, INSTALLATION, OPERATION, AND MAINTENANCE SHALL CONFORM TO REQUIREMENTS FOUND IN THE CITY OF AURORA IRRIGATION ORDINANCE.

LANDSCAPE NOTES

- FOUR CUBIC YARDS OF ORGANIC MATERIAL PER 1,000 SF OF LANDSCAPE AREA IS REQUIRED FOR SOIL AMENDMENT.
- THE PROPOSED FREE STANDING LIGHTS ARE THE EVOLVE-LED SCALABLE AREA LIGHT (EASC SERIES). THE EVOLVE-EASC IS AN LED SQUARE FIXTURE MOUNTED TO A SQUARE POLE AT 25'. TYPE 4 LIGHTING DISTRIBUTION IS PROPOSED THROUGHOUT THE PROPERTY AREA, WHILE TYPE 3 LIGHTING DISTRIBUTION IS PROPOSED AT THE PERIMETER OF THE PROPERTY. LIGHTING DISTRIBUTION SHIELDS ARE USED AT SPECIFIC POLE LOCATIONS TO INHIBIT LIGHTING SPILL-OVER TO ADJACENT PROPERTIES.
- SIDEWALKS WILL BE A CONCRETE SLAB. VEHICULAR DRIVES AND PARKING LOTS WILL BE ASPHALT.
- ALL PLANTING BEDS TO HAVE 3/4" THICK RIVER ROCK MULCH PLACED AT A DEPTH OF 3", INCLUDING AROUND TREES AND SHRUBS.
- ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

PLANT SCHEDULE

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT	CAL	SIZE
TREES						
	QR	8	NORTHERN RED OAK QUERCUS RUBRA	B & B	2.5" CAL MIN	10' - 12' HT. MIN.
	AR2	10	RED MAPLE ACER RUBRUM	B & B	2.5" CAL MIN	10' - 12' HT. MIN.
	GO	9	STREET KEEPER® HONEY LOCUST GLEDTISIA TRIACANTHOS INERMIS 'DRAVES' *(3) TREES TO BE PROPOSED FOR MITIGATION REPLACEMENT. (1) TO BE 3" CAL. AT TIME OF INSTALL	B & B	2.5" CAL MIN	10' - 12' HT. MIN.
EVERGREEN TREES						
	PB2	4	BLACK HILLS SPRUCE PICEA GLAUCA DENSATA *ALL (4) TREES TO BE PROPOSED FOR MITIGATION REPLACEMENT.	B & B		8' HT MIN
SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT	SPACING	SIZE
DECIDUOUS SHRUBS						
	RA	54	ALPINE CURRANT RIBES ALPINUM	5 GAL	SEE PLAN	18" HT MIN
	CC2	23	BLUE MIST SPIREA "DARK KNIGHT" CARYOPTERIS CLANDONENSIS	5 GAL	SEE PLAN	18" FULL
	PP2	6	PAWNEE BUTTES SAND CHERRY PRUNUS BESSEYI 'P011S' TM	5 GAL	SEE PLAN	18" SPRD.
	PA2	48	RUSSIAN SAGE PEROVSKIA ATRIPLICIFOLIA	5 GAL	SEE PLAN	18" HT MIN
EVERGREEN SHRUBS						
	JA	7	ARCADIA JUNIPER JUNIPERUS SABINA 'ARCADIA'	5 GAL	SEE PLAN	24" SPRD. MIN.
	AM	38	MANZANITA 'PANCHITO' ARCTOSTAPHYLOS MANZANITA	5 GAL	SEE PLAN	18" FULL
	JS	12	SKYROCKET JUNIPER JUNIPERUS SCOPULORUM 'SKYROCKET'	5 GAL	SEE PLAN	30" HT MIN
	CS2	35	SPANISH GOLD BROOM CYTISUS PURGANS 'SPANISH GOLD'	5 GAL	SEE PLAN	36" FULL
ORNAMENTAL GRASSES						
	AB	51	BLUE AVENA HELICTOTRICHON SEMPERVIRENS	1 GAL	SEE PLAN	12" HT MIN
	CA	47	REEDGRASS CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	1 GAL	SEE PLAN	18" HT MIN
SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	CONT	SIZE	SPACING
GROUND COVERS						
	R	7,650 SF	2"-3" ROCK COBBLE MULCH RIVER ROCK MULCH	-	ROCK	
	FR	3,884 SF	SHORTGRASS PRAIRIE NATIVE SEED MIX	SEED		

LANDSCAPE CODE REQUIREMENTS:
ZONE: MU-C

CURBSIDE LANDSCAPING:
ONE TREE PER 40 LF

S CHAMBERS RD
SMOKEY HILL RD

PARKING LOT ISLAND LANDSCAPE:

1 TREE AND 6 SHRUBS PER 9'X19' ISLAND

BUILDING PERIMETER LANDSCAPING:
ONE TREE EQUIVALENT PER 40 LF

NORTH
SOUTH
WEST
EAST

TURF NOT TO CONSIST OF MORE THAN 33% OF TOTAL LANDSCAPE AREA. 32% PROVIDED

*South East building corner parking island tree placed in North island due to below grade stormwater treatment system.
* West parking island tree placed north of the dumpster due to underground fuel tanks.

	AMOUNT	BUFFER REQUIRED	BUFFER PROVIDED	PLANTING REQUIRED	PLANTING PROVIDED
STREET PERIMETER BUFFER LANDSCAPING ONE TREE AND 10 SHRUBS PER 40 LF OF FRONTAGE					
SOUTH - SMOKEY HILL RD	233 LF	20' WIDTH	10' WIDTH	6 TREES & 58 SHRUBS	6 PROPOSED & 89 SHRUBS & 35 GRASSES
NON-STREET BUFFER LANDSCAPING ONE TREE AND 5 SHRUBS PER 40 LF OF FRONTAGE					
WEST	123 LF	10' WIDTH	5' WIDTH	4 TREES AND 16 SHRUBS	4 PROPOSED AND 19 SHRUBS**

** REQUIRED TREE PLANTINGS PROVIDED IN EAST AND WEST BUFFERS DUE TO SITE LIMITATIONS. ADDITIONAL LANDSCAPING HAS BEEN PROVIDED ALONG THE EAST AND SOUTH BUFFERS FOR TALLER SCREENING DUE TO ENCROACHMENT.

FIRE SAFETY LANDSCAPE NOTES

- LANDSCAPE MATERIAL PLACEMENT SHALL NOT BE PLACED OR KEPT NEAR FIRE HYDRANTS. FIRE DEPARTMENT INLET CONNECTIONS OR FIRE PROTECTION CONTROL VALVES IN A MANNER THAT WOULD PREVENT SUCH EQUIPMENT OR FIRE HYDRANTS FROM BEING IMMEDIATELY DISCERNIBLE. THE FIRE DEPARTMENT SHALL NOT BE DETERRED OR HINDERED FROM GAINING IMMEDIATE ACCESS TO FIRE PROTECTION EQUIPMENT OR HYDRANTS.
- A 5-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.
- LANDSCAPING MATERIAL SHOWN WITHIN THE SITE PLAN CANNOT ENCRATCH INTO ROADWAYS THAT ARE DEDICATED (OR DESIGNATED) AS FIRE LANE EASEMENTS (OR CORRIDORS).

PRELIMINARY

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Kimley»Horn

Kimley-Horn and Associates, Inc.

PROJECT NO.
096888040

DRAWING NAME

8

QUICKTRIP 4274
E. SMOKEY HILL RD & S. CHAMBERS RD
SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO

LANDSCAPE PLAN

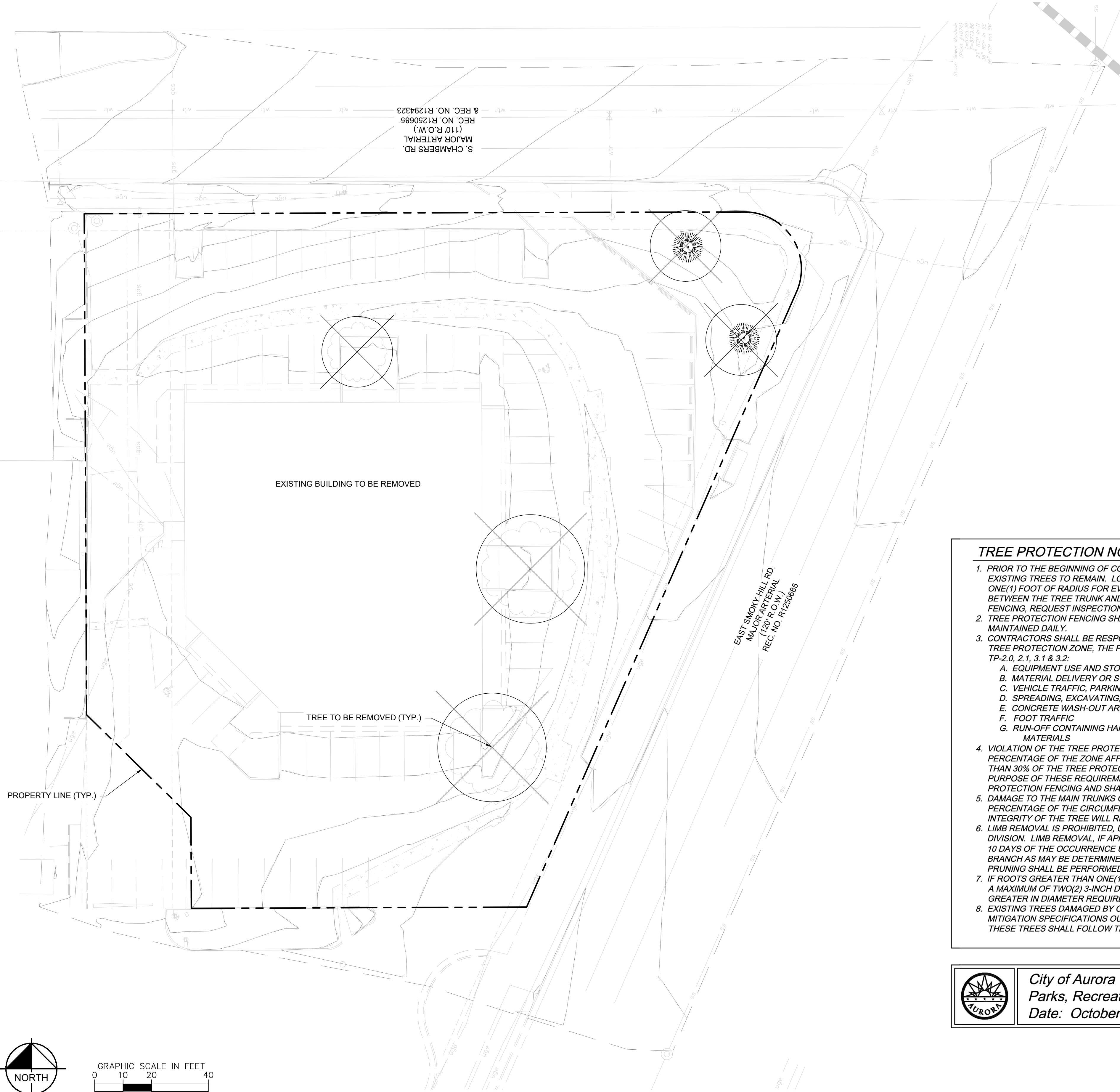
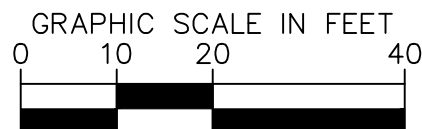
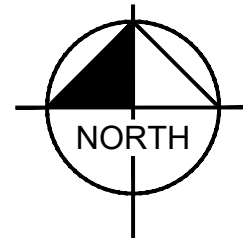
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DRAWN BY: AMC
CHECKED BY: CPH
DATE: 12/11/2024

BY: DATE: APPR:

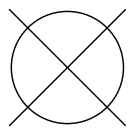
Kimley»Horn

2023 KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Syracuse Way, Suite 300
Greenwood Village, CO 80111 (303) 228-2500

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SYMBOL KEY



TREE TO BE REMOVED

TREE #	SPECIES	DIAMETER	MITIGATION VALUE	COMMENTS	MITIGATION INCHES	MITIGATED INCHES TO BE REPLACED ON SITE	TO BE PAID FOR AT TIME OF SDP APPROVAL
1	HONEYLOCUST	14	\$ 1,219.87	REMOVE	6	X	
2	HONEYLOCUST	16	\$ 1,587.44	REMOVE	6	X	
3	HONEYLOCUST	18	\$ 1,002.01	REMOVE	4	X	
4	COLORADO SPRUCE	6	\$ 229.90	REMOVE	2	X	
5	COLORADO SPRUCE	9	\$ 518.30	REMOVE	4	X	
TOTAL MITIGATED		63	\$ 4,557.52		22	24	0

24" will be planted back on site, 0" will be required to be paid into the community tree fund. The price per inch is \$207.16 (\$4,557.52/22). The payment into the community tree fund will be \$0. (2) 2.5" inch shade trees, (1) 3" shade tree, and (4) 8' ht evergreens as depicted on the plan.

TREE PROTECTION NOTES

- PRIOR TO THE BEGINNING OF CONSTRUCTION, ESTABLISH THE TREE PROTECTION ZONE BY INSTALLING TREE PROTECTION FENCING AROUND ALL EXISTING TREES TO REMAIN. LOCATE FENCING AT THE OUTSIDE OF THE DRIP LINE OF THE TREES OR AT A DISTANCE FROM THE TREE TRUNK OF ONE(1) FOOT OF RADIUS FOR EVERY INCH OF TRUNK DIAMETER, WHICHEVER IS GREATER. FOR GROUPS OF TREES, THE MINIMUM DISTANCE BETWEEN THE TREE TRUNK AND THE FENCING SHALL BE ONE(1) FOOT FOR EACH INCH OF TRUNK DIAMETER. FOLLOWING INSTALLATION OF FENCING, REQUEST INSPECTION BY THE CITY OF AURORA PARKS & FORESTRY DIVISION (303-739-7177) OR AUTHORIZED DESIGNEE.
- TREE PROTECTION FENCING SHALL BE 4' HEIGHT, ORANGE MESH FENCING ATTACHED TO T' POSTS. FENCING SHALL BE INSPECTED AND MAINTAINED DAILY.
- CONTRACTORS SHALL BE RESPONSIBLE FOR ALL OF THEIR WORKERS, SUBCONTRACTORS AND SUPPLIERS UNDER THIS REQUIREMENT. WITHIN THE TREE PROTECTION ZONE, THE FOLLOWING CONSTRUCTION ACTIVITIES SHALL NOT BE ALLOWED EXCEPT AS NECESSARY TO EXECUTE DETAILS TP-2.0, 2.1, 3.1 & 3.2:
 - EQUIPMENT USE AND STORAGE
 - MATERIAL DELIVERY OR STORAGE
 - VEHICLE TRAFFIC, PARKING, USE OR STORAGE
 - SPREADING, EXCAVATING, COMPACTING OR STOCKPILING OF SOIL
 - CONCRETE WASH-OUT AREAS AND RUN-OFF FROM CONCRETE WASH-OUT AREAS
 - FOOT TRAFFIC
 - RUN-OFF CONTAINING HARMFUL LIQUIDS SUCH AS OIL, GAS, PAINT, SOLVENTS, FERTILIZER, ASPHALT, MORTAR, TAR OR SIMILAR MATERIALS
- VIOLATION OF THE TREE PROTECTION ZONE SHALL RESULT IN A FINE OF \$500 PER INCIDENCE AND MAY BE INCREASED BASED ON THE PERCENTAGE OF THE ZONE AFFECTED MULTIPLIED BY THE FULL VALUE OF THE TREE (OR TREES) ESTABLISHED PRIOR TO CONSTRUCTION. IF MORE THAN 30% OF THE TREE PROTECTION ZONE IS DAMAGED, THE FINE SHALL BE THE FULL VALUE OF THE ADJACENT TREE (OR TREES). FOR THE PURPOSE OF THESE REQUIREMENTS, CONSTRUCTION FENCING (LOCATED AT THE LIMITS OF CONSTRUCTION) SHALL BE TREATED AS TREE PROTECTION FENCING AND SHALL ESTABLISH A TREE PROTECTION ZONE FOR NEARBY TREES.
- DAMAGE TO THE MAIN TRUNKS OF TREES IS PROHIBITED. DAMAGE NOT PREVIOUSLY DOCUMENTED SHALL RESULT IN A FINE BASED ON THE PERCENTAGE OF THE CIRCUMFERENCE AFFECTED. DAMAGE GREATER THAN 30% OF THE CIRCUMFERENCE OR AFFECTING THE STRUCTURAL INTEGRITY OF THE TREE WILL RESULT IN A FINE EQUAL TO THE FULL VALUE OF THE TREE.
- LIMB REMOVAL IS PROHIBITED, UNLESS APPROVED PRIOR TO CONSTRUCTION OR AS AUTHORIZED BY THE CITY OF AURORA PARKS & FORESTRY DIVISION. LIMB REMOVAL, IF APPROVED, SHALL BE DONE PRIOR TO THE START OF CONSTRUCTION. DAMAGED BRANCHES SHALL BE PRUNED WITHIN 10 DAYS OF THE OCCURRENCE UTILIZING ANSI A300 STANDARDS. UNAUTHORIZED LIMB DAMAGE OR REMOVAL CAN RESULT IN A FINE OF \$500 PER BRANCH AS MAY BE DETERMINED BY THE CONSTRUCTION MANAGER OR HIS FORESTRY CONSULTANT. LIMB REMOVAL AND ALL OTHER APPROVED PRUNING SHALL BE PERFORMED BY A PROFESSIONAL COMPANY THAT IS LICENSED BY THE CITY OF AURORA FORESTRY DIVISION.
- IF ROOTS GREATER THAN ONE(1) INCH DIAMETER REQUIRE CUTTING/REMOVAL, A CLEAN CUT SHALL BE ACCOMPLISHED USING A SHARP HAND TOOL. A MAXIMUM OF TWO(2) 3-INCH DIAMETER ROOTS PER TREE ARE PERMITTED FOR REMOVAL. THE REMOVAL OF ADDITIONAL ROOTS 3-INCHES OR GREATER IN DIAMETER REQUIRES APPROVAL OF THE CITY FORESTER OR AUTHORIZED DESIGNEE.
- EXISTING TREES DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPAIRED AND IF DAMAGED BEYOND REPAIR, REPLACED PER THE MITIGATION SPECIFICATIONS OUTLINED IN SECTION IV, SUBSECTION A, ITEM 3 OF THE TREE PRESERVATION POLICY. THE MITIGATION PLAN FOR THESE TREES SHALL FOLLOW THAT APPROVED THROUGH THE SITE PLAN SUBMITTAL.



City of Aurora
Parks, Recreation & Open Space Dept.
Date: October 2020

TREE PROTECTION
NOTES

PROS
TP-1.0

NOT FOR CONSTRUCTION



Kimley»Horn

2023 KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Syracuse Way, Suite 300
Greenwood Village, CO 80111 (303) 228-2500

DESIGNED BY: AMC
DRAWN BY: AMC
CHECKED BY: CPH
DATE: 12/11/2024

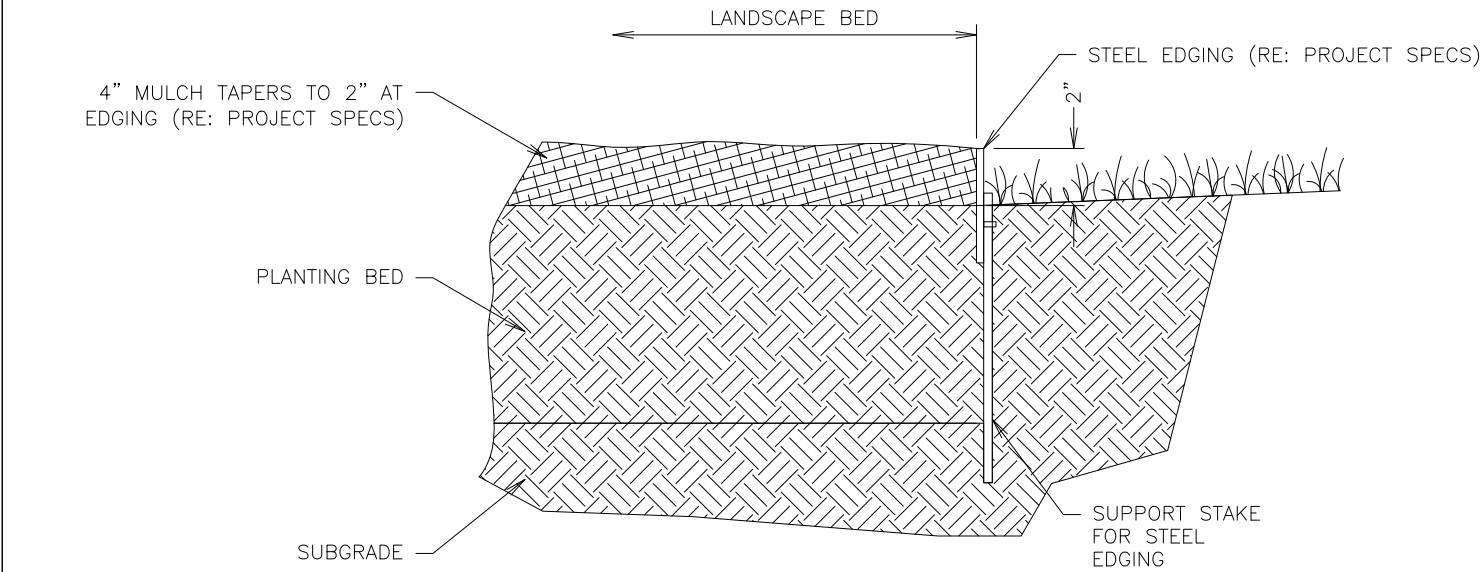
QUICKTRIP 4274
E. SMOKY HILL RD & S. CHAMBERS RD
SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO
TREE MITIGATION PLAN

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Kimley»Horn
Kimley-Horn and Associates, Inc.

PROJECT NO.
09688040

DRAWING NAME

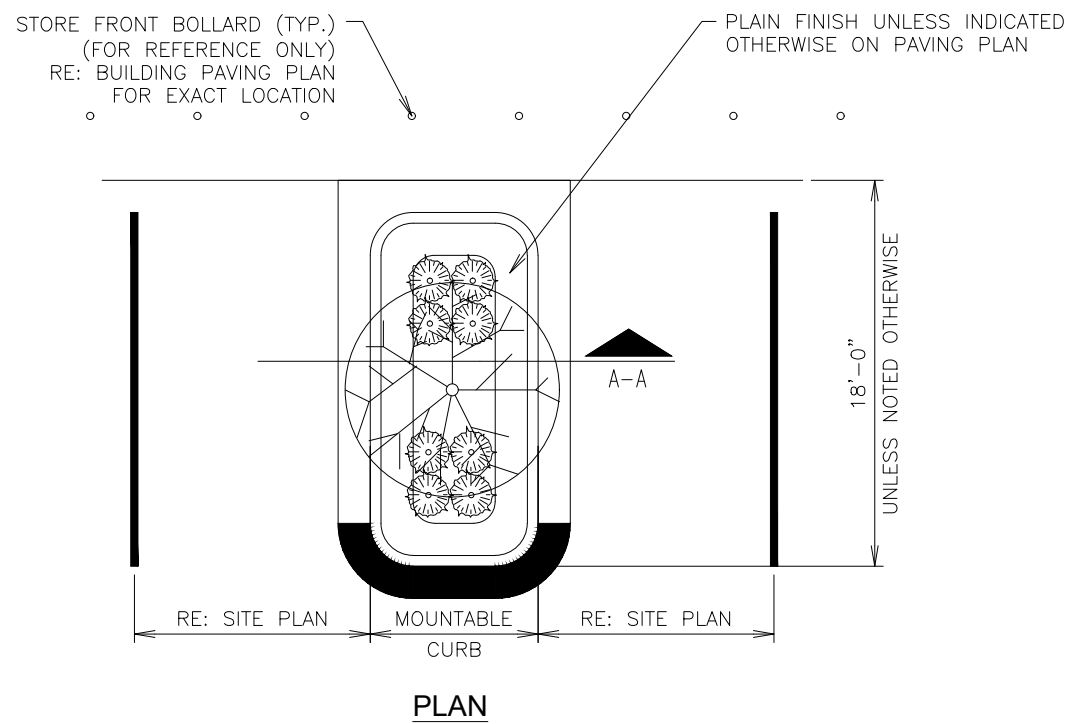
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1 LANDSCAPE STEEL EDGING DETAIL

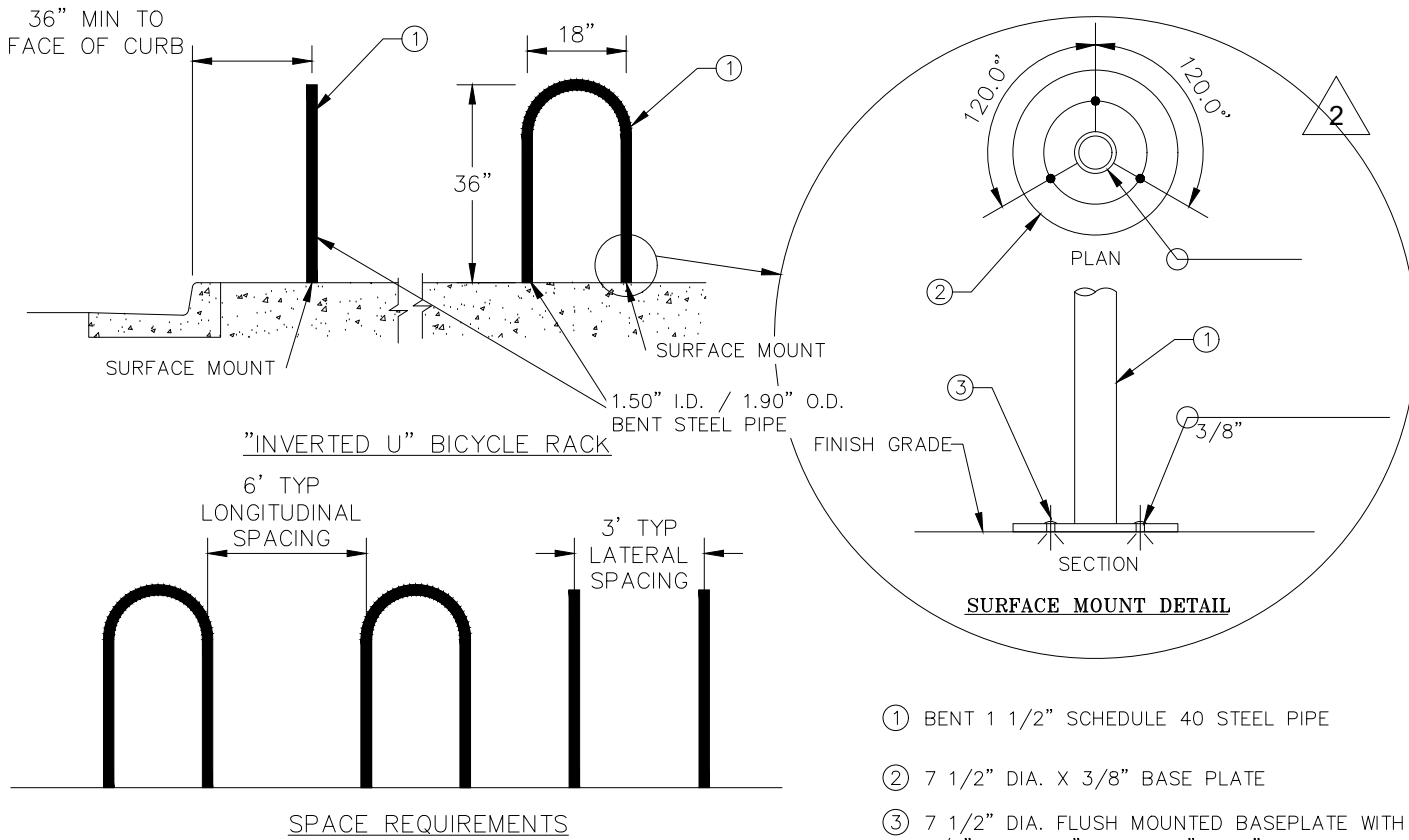
NTS SN: LD006A004

RE: LANDSCAPE PLAN FOR SHRUB PLACEMENT AND QUANTITY.
LANDSCAPE PARKING ISLANDS ARE TO BE IRRIGATED WITH A DRIP LINE SYSTEM. A SPRAY OR ROTARY HEAD SPRINKLER SYSTEM IS NOT AN ACCEPTABLE IRRIGATION METHOD FOR LANDSCAPE PARKING ISLANDS. (RE: PROJECT SPECS.)
RE: STORM PLAN TO DETERMINE IF USE OF LANDSCAPE BED DRAIN PIPE IS REQUIRED



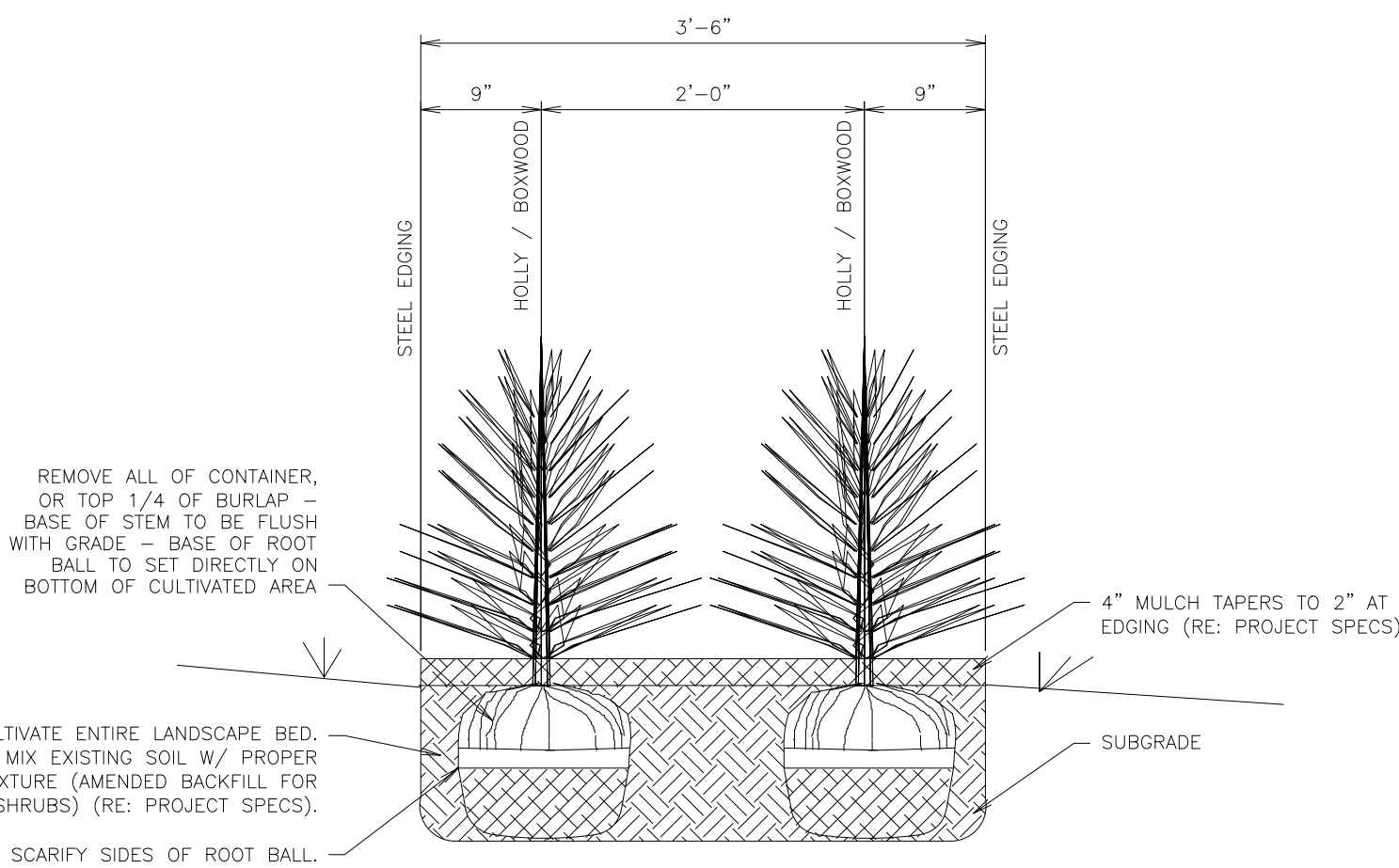
4 PARKING ISLAND W/ SHRUBS & TREE LANDSCAPE DETAIL (W/ RADIUS PROTECTOR)

NTS SN: LD011A012



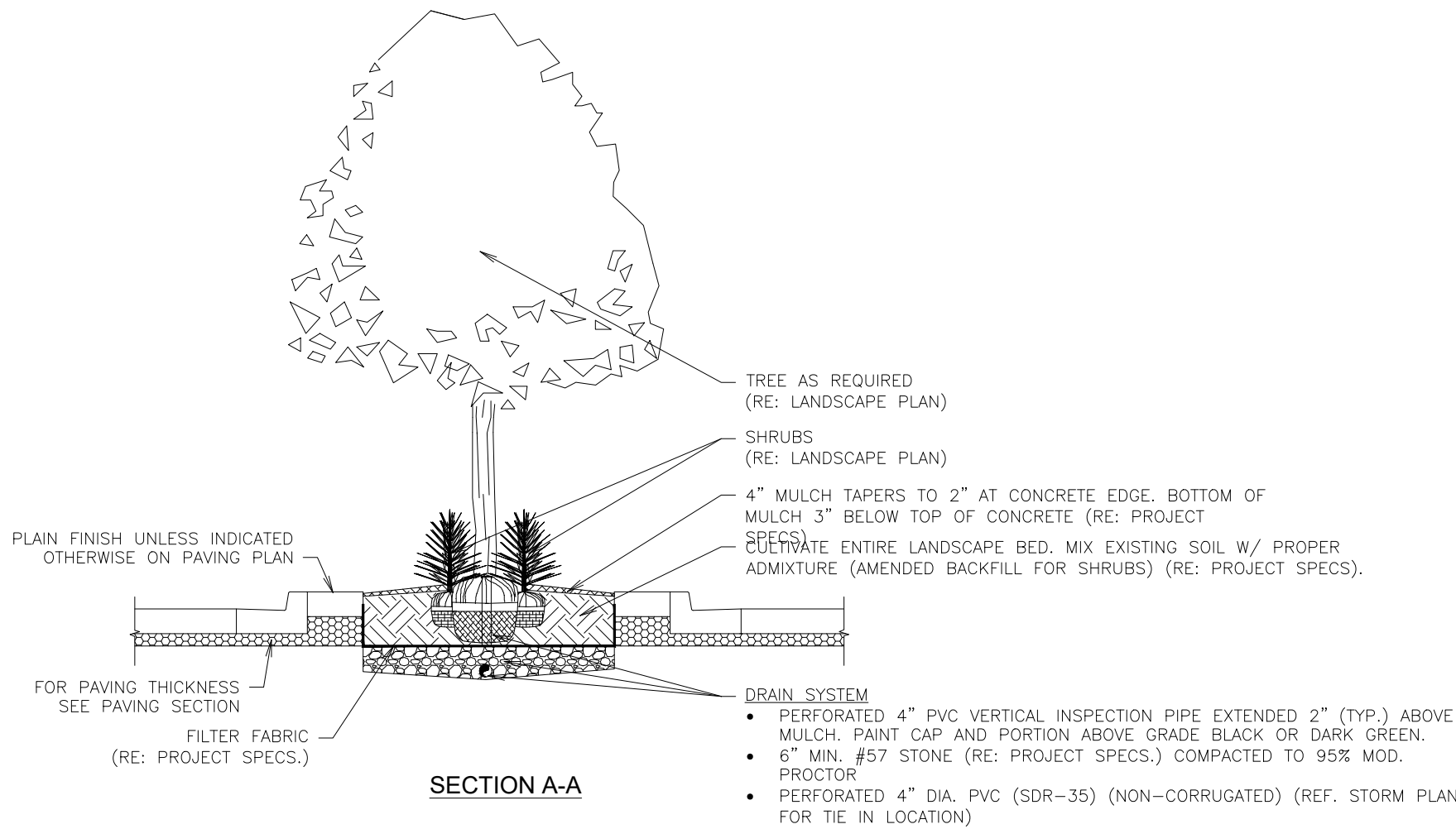
6 INVERTED U BIKE

NTS SN:



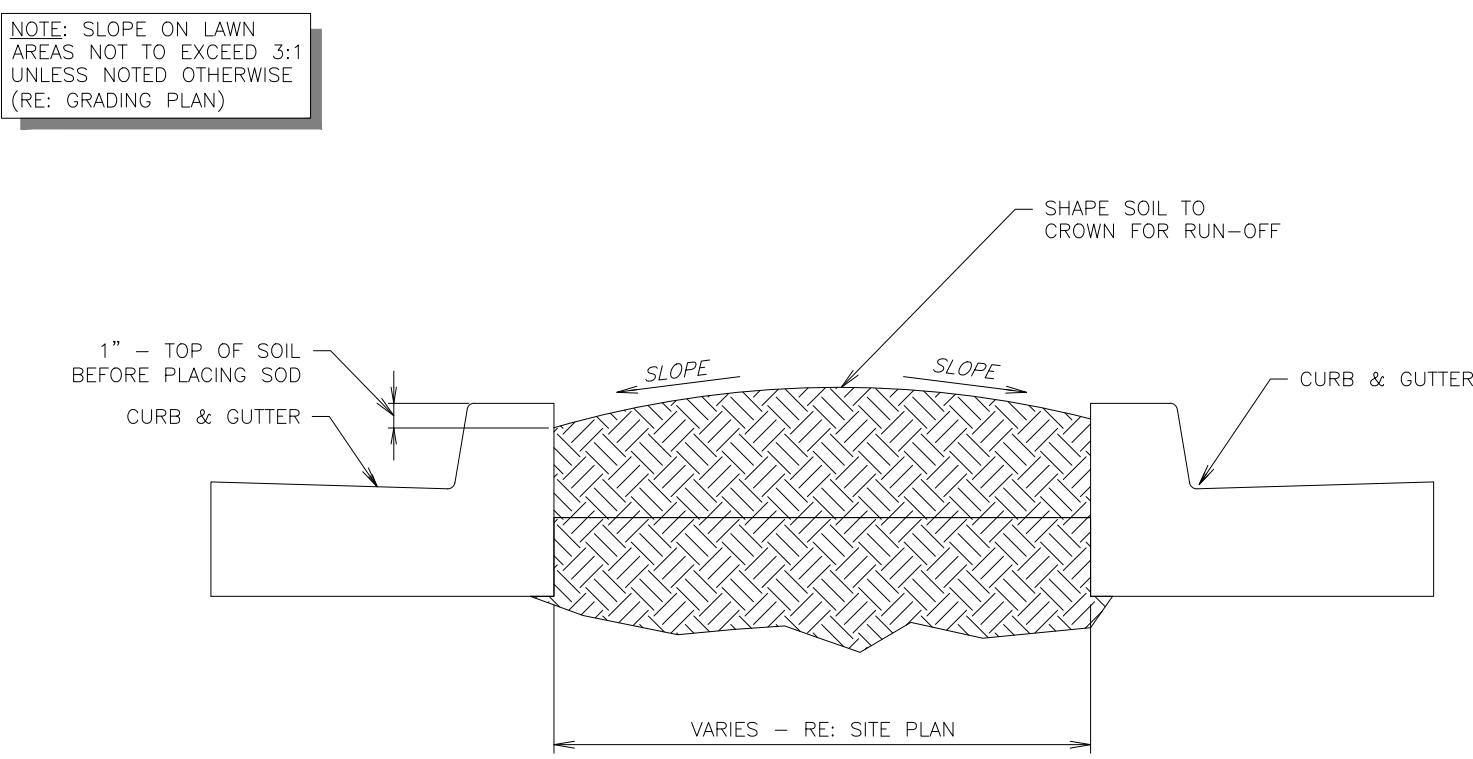
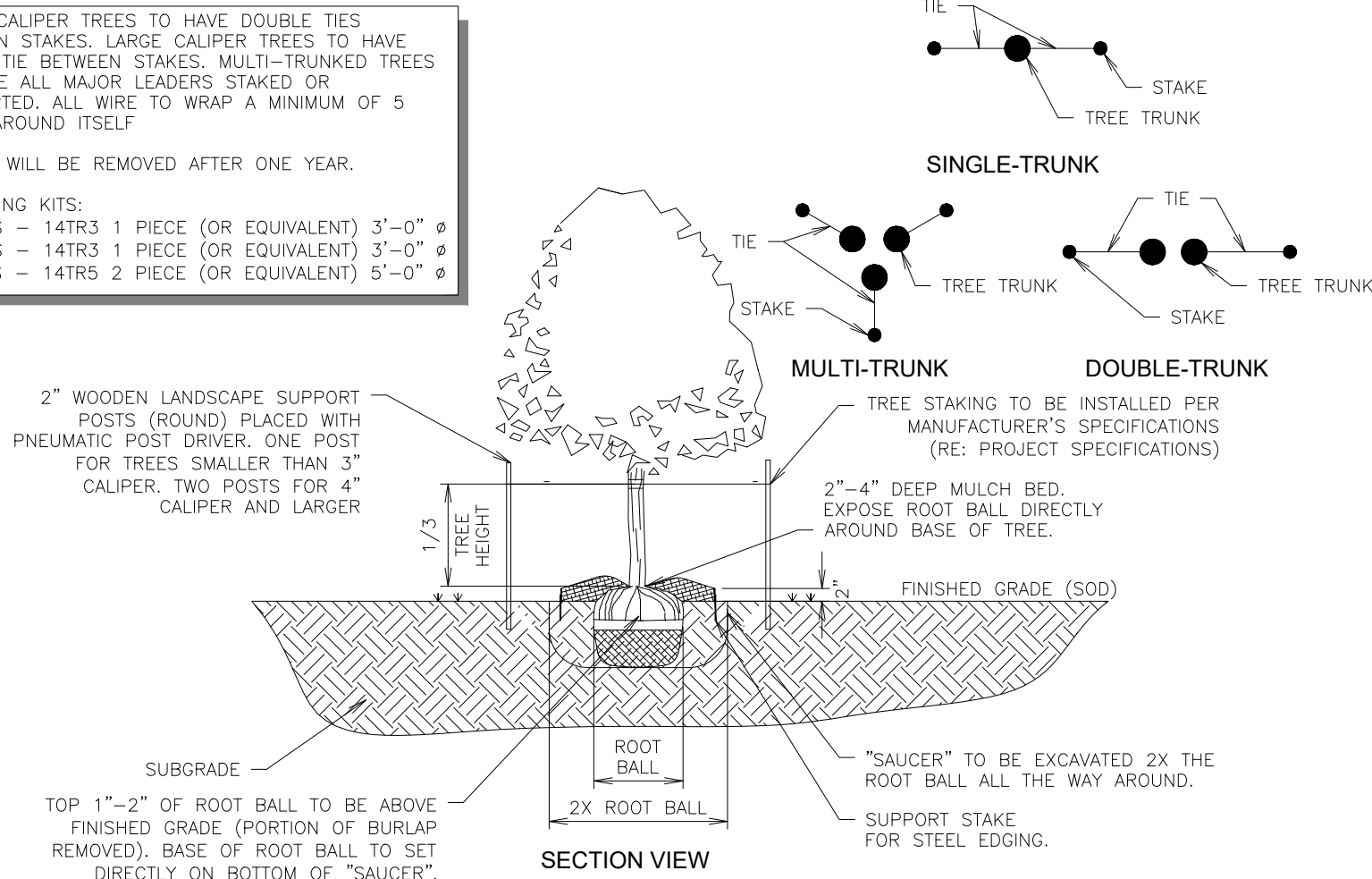
2 SHRUB SCREENING SECTION B-B

NTS SN: LD005A004



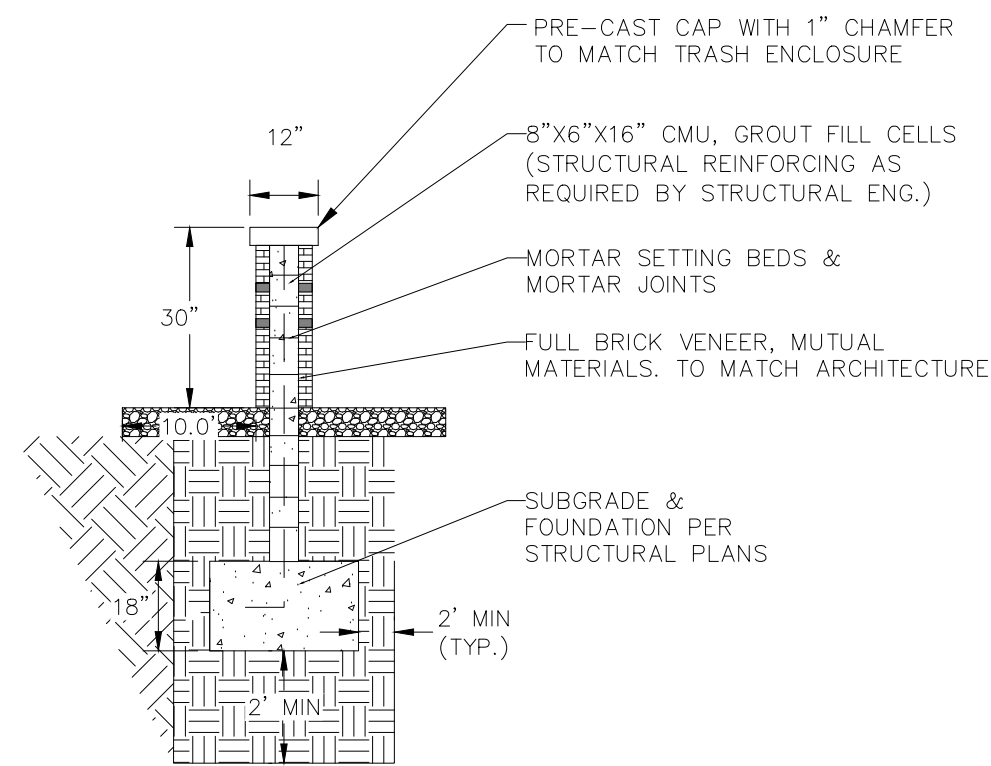
7 TREE PLANTING DETAIL (ON PRIVATE PROPERTY)

NTS SN: LD008A006



3 TYPICAL LAWN SECTION

NTS SN: LD007A002



WALL MATERIAL NOTES:
1. DETAIL IS DESIGN INTENT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS.

5 GARDEN_WALL_TYPICAL_SECTION_DETAIL

NTS

AURORA MIXTURE 1: SHORTGRASS PRAIRIE NATIVE SEED MIX

COMMON NAME	SCIENTIFIC NAME	NATIVE SPECIES	VARIETY	PLS LBS/ACRE	OZ/ACRE**
GRASSES					
Buffalograss*	<i>Buchloe dactyloides</i>	X	Sharp's	12	
Blue grama*	<i>Chondrosium gracile</i>	X	Hachita	8	
Junegrass	<i>Koeleria cristata</i>	X	Native	3	
Western wheatgrass	<i>Pascopyrum smithii</i>	X	Ariba	6	
Sand dropseed*	<i>Sporobolus cryptandrus</i>	X	native	1	
TOTAL POUNDS PLS / ACRE				30	
OPTIONAL WILDFLOWERS					
Fringed sage	<i>Artemisia frigida</i>	X	Native		2
Blanketflower	<i>Gaillardia aristata</i>	X	Native		3
Bluebells	<i>Campanula rotundifolia</i>	X	Native		1
Showy locoweed	<i>Oxytropis lambertii</i>	X	Native		3
Silky locoweed	<i>Oxytropis sericea</i>	X	Native		3
Sidebells penstemon	<i>Penstemon secundiflora</i>	X	Native		3
Scarlet globemallow	<i>Sphaeralcea coccinia</i>	X	Native		3
*always include these key species, maintain at least a 30 lbs/acre rate for mix					
** 1/4lbs minimum order for each species					

NOT FOR CONSTRUCTION

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6200 South Syracuse Way, Suite 300
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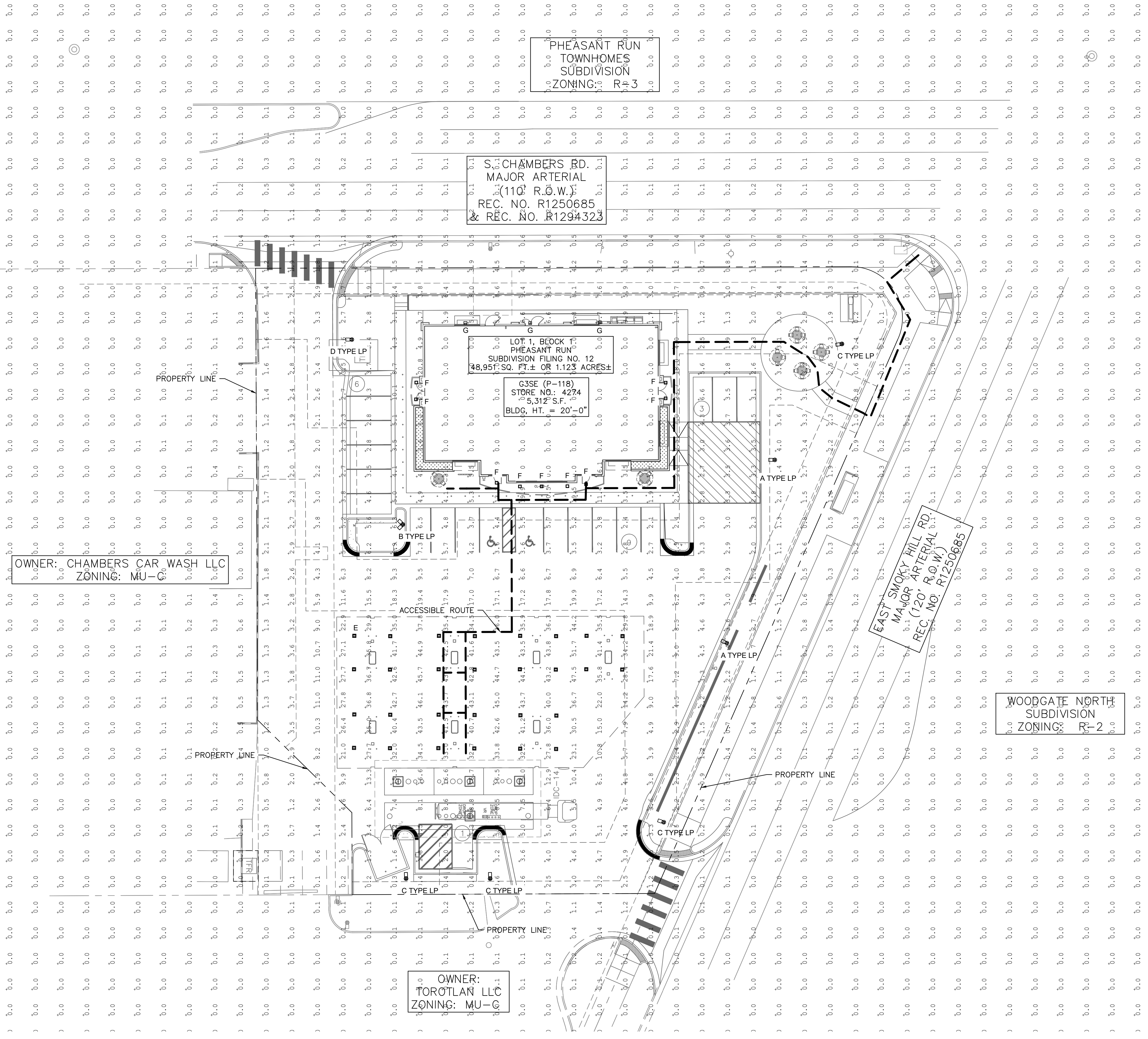
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SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO
LANDSCAPE DETAILS

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Greenwood Village, CO 80111 (303) 228-2300

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DRAWN BY: WRP
CHECKED BY: DJC
DATE: 12/11/2024

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SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO
PHOTOMETRIC PLAN

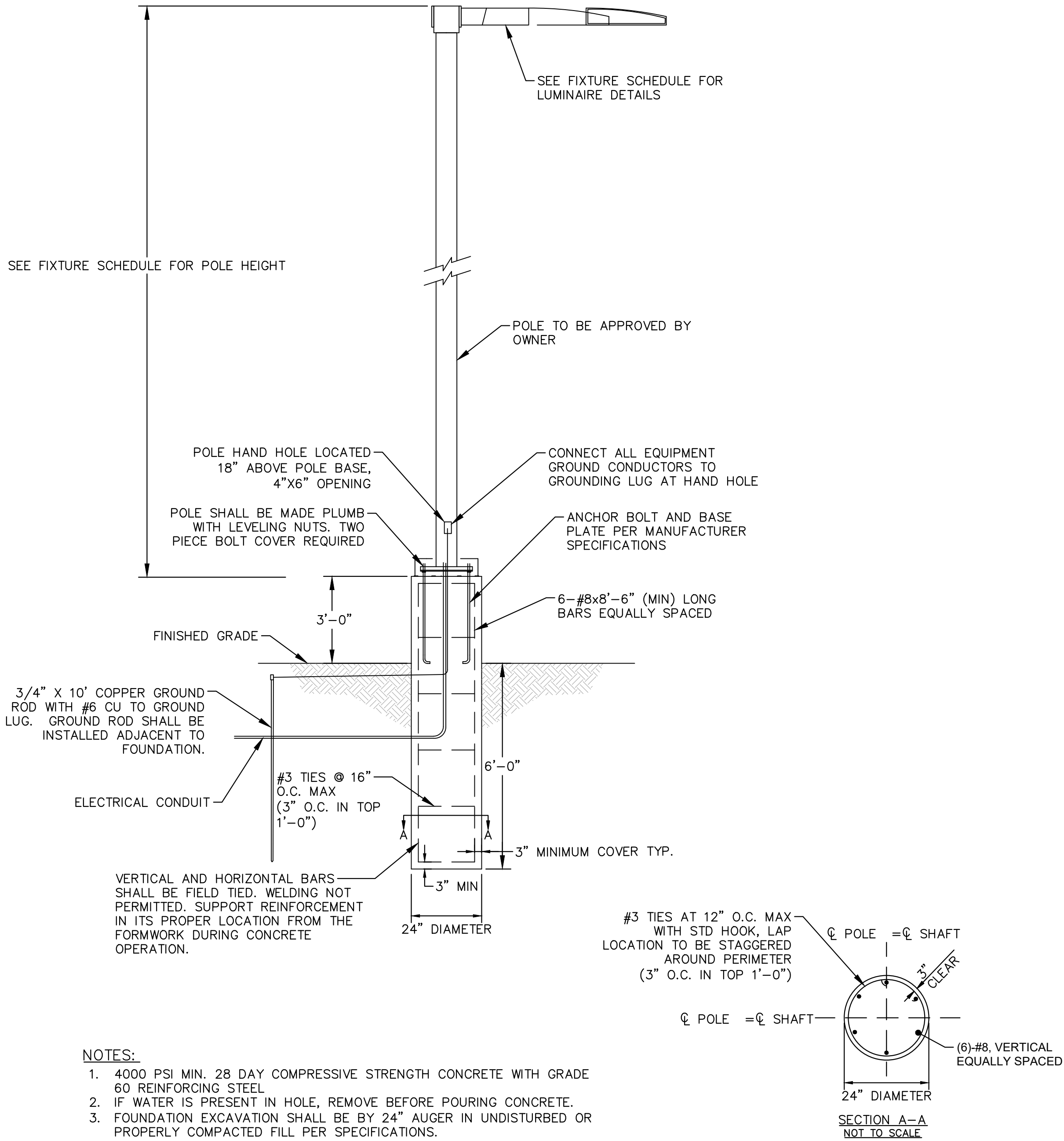
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LUMINAIRE SCHEDULE								
SYMBOL	LABEL	QTY	ARRANGEMENT	MOUNTING HEIGHT	LUMENS PER LAMP	LLF	DESCRIPTION	TOTAL WATTS
	A	2	SINGLE	22'-0"	12861	0.90	SLM-LED-12L-SIL-FT-40-70CRI	85
	B	1	2 @ 90°	22'-0"	12861	0.90	SLM-LED-12L-SIL-FT-40-70CRI	85
	C	4	SINGLE	22'-0"	8193	0.90	SLM-LED-12L-SIL-FT-40-70CRI-HL	85
	D	1	SINGLE	22'-0"	12974	0.90	SLM-LED-12L-SIL-3-40-70CRI	85
	E	28	SINGLE	15'-0"	12927	0.90	SCV-LED-13L-SC-40	90
	F	9	SINGLE	12'-0"	6041	0.90	XSPS-S-LED-VHO-NW-DFL	48.7
	G	3	SINGLE	12'-0"	6800	0.90	XWM-3-LED-06L-40	47

CALCULATION SUMMARY	
ASPHALT	SIDEWALK
ILLUMINANCE (FC)	ILLUMINANCE (FC)
MINIMUM = 1.20	MINIMUM = 1.90
MAXIMUM = 21.40	MAXIMUM = 20.50
AVERAGE = 5.62	AVERAGE = 9.65
AVG/MIN = 4.68	AVG/MIN = 5.08
CANOPY	ADA ROUTE
ILLUMINANCE (FC)	ILLUMINANCE (FC)
MINIMUM = 14.20	MINIMUM = 1.20
MAXIMUM = 51.70	MAXIMUM = 43.70
AVERAGE = 36.50	AVERAGE = 23.27
AVG/MIN = 2.57	AVG/MIN = 19.39



- NOTES:
- 4000 PSI MIN. 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 REINFORCING STEEL
 - IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
 - FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL PER SPECIFICATIONS.
 - FOUNDATION HAS BEEN DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 1500 PSF.
 - FOUNDATION HAS BEEN DESIGNED FOR A MINIMUM ALLOWABLE LATERAL SOIL PRESSURE OF 100 PCF.

1 POLE FOUNDATION DETAIL
SCALE: NTS

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6200 South Syracuse Way, Suite 300
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Type: _____

Mirada Wall Sconce (XWM)

[Back to Quick Links](#)

ORDERING GUIDE

TYPICAL ORDER CODE: XWM 2 LED CSL 30 UE BRZ ALS						
Family	Description	LED Technology	Lumen Package	Color Temperature	Voltage	
XWM - Head Medium Wall Sconce	2 - Eye 2 Eye 3 Eye 4 Eye 6 Eye 8 Eye 10 Eye 12 Eye 14 Eye 16 Eye 18 Eye 20 Eye 22 Eye 24 Eye 26 Eye 28 Eye 30 Eye 32 Eye 34 Eye 36 Eye 38 Eye 40 Eye 42 Eye 44 Eye 46 Eye 48 Eye 50 Eye 52 Eye 54 Eye 56 Eye 58 Eye 60 Eye 62 Eye 64 Eye 66 Eye 68 Eye 70 Eye 72 Eye 74 Eye 76 Eye 78 Eye 80 Eye 82 Eye 84 Eye 86 Eye 88 Eye 90 Eye 92 Eye 94 Eye 96 Eye 98 Eye 100 Eye 102 Eye 104 Eye 106 Eye 108 Eye 110 Eye 112 Eye 114 Eye 116 Eye 118 Eye 120 Eye 122 Eye 124 Eye 126 Eye 128 Eye 130 Eye 132 Eye 134 Eye 136 Eye 138 Eye 140 Eye 142 Eye 144 Eye 146 Eye 148 Eye 150 Eye 152 Eye 154 Eye 156 Eye 158 Eye 160 Eye 162 Eye 164 Eye 166 Eye 168 Eye 170 Eye 172 Eye 174 Eye 176 Eye 178 Eye 180 Eye 182 Eye 184 Eye 186 Eye 188 Eye 190 Eye 192 Eye 194 Eye 196 Eye 198 Eye 200 Eye 202 Eye 204 Eye 206 Eye 208 Eye 210 Eye 212 Eye 214 Eye 216 Eye 218 Eye 220 Eye 222 Eye 224 Eye 226 Eye 228 Eye 230 Eye 232 Eye 234 Eye 236 Eye 238 Eye 240 Eye 242 Eye 244 Eye 246 Eye 248 Eye 250 Eye 252 Eye 254 Eye 256 Eye 258 Eye 260 Eye 262 Eye 264 Eye 266 Eye 268 Eye 270 Eye 272 Eye 274 Eye 276 Eye 278 Eye 280 Eye 282 Eye 284 Eye 286 Eye 288 Eye 290 Eye 292 Eye 294 Eye 296 Eye 298 Eye 300 Eye 302 Eye 304 Eye 306 Eye 308 Eye 310 Eye 312 Eye 314 Eye 316 Eye 318 Eye 320 Eye 322 Eye 324 Eye 326 Eye 328 Eye 330 Eye 332 Eye 334 Eye 336 Eye 338 Eye 340 Eye 342 Eye 344 Eye 346 Eye 348 Eye 350 Eye 352 Eye 354 Eye 356 Eye 358 Eye 360 Eye 362 Eye 364 Eye 366 Eye 368 Eye 370 Eye 372 Eye 374 Eye 376 Eye 378 Eye 380 Eye 382 Eye 384 Eye 386 Eye 388 Eye 390 Eye 392 Eye 394 Eye 396 Eye 398 Eye 400 Eye 402 Eye 404 Eye 406 Eye 408 Eye 410 Eye 412 Eye 414 Eye 416 Eye 418 Eye 420 Eye 422 Eye 424 Eye 426 Eye 428 Eye 430 Eye 432 Eye 434 Eye 436 Eye 438 Eye 440 Eye 442 Eye 444 Eye 446 Eye 448 Eye 450 Eye 452 Eye 454 Eye 456 Eye 458 Eye 460 Eye 462 Eye 464 Eye 466 Eye 468 Eye 470 Eye 472 Eye 474 Eye 476 Eye 478 Eye 480 Eye 482 Eye 484 Eye 486 Eye 488 Eye 490 Eye 492 Eye 494 Eye 496 Eye 498 Eye 500 Eye 502 Eye 504 Eye 506 Eye 508 Eye 510 Eye 512 Eye 514 Eye 516 Eye 518 Eye 520 Eye 522 Eye 524 Eye 526 Eye 528 Eye 530 Eye 532 Eye 534 Eye 536 Eye 538 Eye 540 Eye 542 Eye 544 Eye 546 Eye 548 Eye 550 Eye 552 Eye 554 Eye 556 Eye 558 Eye 560 Eye 562 Eye 564 Eye 566 Eye 568 Eye 570 Eye 572 Eye 574 Eye 576 Eye 578 Eye 580 Eye 582 Eye 584 Eye 586 Eye 588 Eye 590 Eye 592 Eye 594 Eye 596 Eye 598 Eye 600 Eye 602 Eye 604 Eye 606 Eye 608 Eye 610 Eye 612 Eye 614 Eye 616 Eye 618 Eye 620 Eye 622 Eye 624 Eye 626 Eye 628 Eye 630 Eye 632 Eye 634 Eye 636 Eye 638 Eye 640 Eye 642 Eye 644 Eye 646 Eye 648 Eye 650 Eye 652 Eye 654 Eye 656 Eye 658 Eye 660 Eye 662 Eye 664 Eye 666 Eye 668 Eye 670 Eye 672 Eye 674 Eye 676 Eye 678 Eye 680 Eye 682 Eye 684 Eye 686 Eye 688 Eye 690 Eye 692 Eye 694 Eye 696 Eye 698 Eye 700 Eye 702 Eye 704 Eye 706 Eye 708 Eye 710 Eye 712 Eye 714 Eye 716 Eye 718 Eye 720 Eye 722 Eye 724 Eye 726 Eye 728 Eye 730 Eye 732 Eye 734 Eye 736 Eye 738 Eye 740 Eye 742 Eye 744 Eye 746 Eye 748 Eye 750 Eye 752 Eye 754 Eye 756 Eye 758 Eye 760 Eye 762 Eye 764 Eye 766 Eye 768 Eye 770 Eye 772 Eye 774 Eye 776 Eye 778 Eye 780 Eye 782 Eye 784 Eye 786 Eye 788 Eye 790 Eye 792 Eye 794 Eye 796 Eye 798 Eye 800 Eye 802 Eye 804 Eye 806 Eye 808 Eye 810 Eye 812 Eye 814 Eye 816 Eye 818 Eye 820 Eye 822 Eye 824 Eye 826 Eye 828 Eye 830 Eye 832 Eye 834 Eye 836 Eye 838 Eye 840 Eye 842 Eye 844 Eye 846 Eye 848 Eye 850 Eye 852 Eye 854 Eye 856 Eye 858 Eye 860 Eye 862 Eye 864 Eye 866 Eye 868 Eye 870 Eye 872 Eye 874 Eye 876 Eye 878 Eye 880 Eye 882 Eye 884 Eye 886 Eye 888 Eye 890 Eye 892 Eye 894 Eye 896 Eye 898 Eye 900 Eye 902 Eye 904 Eye 906 Eye 908 Eye 910 Eye 912 Eye 914 Eye 916 Eye 918 Eye 920 Eye 922 Eye 924 Eye 926 Eye 928 Eye 930 Eye 932 Eye 934 Eye 936 Eye 938 Eye 940 Eye 942 Eye 944 Eye 946 Eye 948 Eye 950 Eye 952 Eye 954 Eye 956 Eye 958 Eye 960 Eye 962 Eye 964 Eye 966 Eye 968 Eye 970 Eye 972 Eye 974 Eye 976 Eye 978 Eye 980 Eye 982 Eye 984 Eye 986 Eye 988 Eye 990 Eye 992 Eye 994 Eye 996 Eye 998 Eye 1000 Eye 1002 Eye 1004 Eye 1006 Eye 1008 Eye 1010 Eye 1012 Eye 1014 Eye 1016 Eye 1018 Eye 1020 Eye 1022 Eye 1024 Eye 1026 Eye 1028 Eye 1030 Eye 1032 Eye 1034 Eye 1036 Eye 1038 Eye 1040 Eye 1042 Eye 1044 Eye 1046 Eye 1048 Eye 1050 Eye 1052 Eye 1054 Eye 1056 Eye 1058 Eye 1060 Eye 1062 Eye 1064 Eye 1					

		Type: _____											
ORDERING GUIDE		XSPS LED Soffit Light <i>Click to Quick Link</i>											
TYPICAL ORDER EXAMPLE: XSPS S LED SS CW 120 GWT DFL													
Profile	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Lens	Options					
XSPS - LED Soffit	S - Symmetric	LED SS - 4,000 Lumens HO - 5,000 Lumens VHO - 6,000 Lumens		CW - 5000K 80 CRI NW - 4000K 80 CRI WW - 3000K 80 CRI	120 - 120V 208 - 208V 240 - 240V 277 - 277V 347 - 347V	GWT - Gloss White	DFL - Diffused Acrylic Lens	CMT - Channel Bar Mounting Kit BB - Emergency Battery Pack					
1 - Emergency Battery Pack only available on the SS - 4000 lumen version (120, 208, 240 & 277V versions).													
PERFORMANCE													
DELIVERED LUMENS													
Lumen Package	Distribution	Lens Type	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
				Delivered Lumens	Efficiency	Bug Rating	Delivered Lumens	Efficiency	Bug Rating	Delivered Lumens	Efficiency	Bug Rating	
SS	S	DFL	80	3816	123	82-U-0-01	4022	129	82-U-0-01	3964	128	82-U-0-01	31
HO	S	DFL	80	4756	120	82-U-0-01	5011	127	82-U-0-01	4941	126	82-U-0-01	40
VHO	S	DFL	80	5733	118	82-U-0-01	6041	124	82-U-0-01	5967	122	82-U-0-01	49
SHO	S	DFL	80	7559	113	83-U-0-01	7965	119	83-U-0-01	7833	118	83-U-0-01	67
LEDs are frequently updated therefore values are nominal.													
Electrical Data (Amps)*													
Lumen Package	Wattage		120V	208V	240V	277V	347V						
SS	31		0.26	0.15	0.13	0.11	0.09						
HO	40		0.33	0.19	0.16	0.14	0.11						
VHO	49		0.41	0.23	0.2	0.18	0.14						
SHO	67		0.56	0.32	0.28	0.24	0.19						
*Electrical data at 25C (77F). Actual wattage may vary +/-10%.													
RECOMMENDED LUMEN MAINTENANCE													
Ambient Temp C	Initial†	25K hrs.†	50K hrs.†	75K hrs.†	100K hrs.†								
25 C	100%	95%	91%	86%	82%								
1 - In accordance with IESNA TM-21-11. Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 test duration for the device under testing. 2 - In accordance with IESNA TM-21-11. Calculated Values represent time durations that exceed six times the IESNA LM-80-08 test time duration for the device under testing.													
LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsiincorp.com (600) 436-7800 • ©LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice.													
Page 2/8 Issued: 08/22/22 SPEC-2008A-01													

#

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Type: _____

ORDERING GUIDE

Back to Top of Link List

TYPICAL ORDER EXAMPLE: SLM LED 36L SL FLT UNW DM 50 700CI ALSCSM BRZ IL							
Profile	Light Source	Lumen Package	Lens	Distribution	Orientation/	Voltage	
50P - Size Medium	LED	LH - 0,000 lms SL - 12,000 lms 24L - 24,000 lms 36L - 36,000 lms 48L - 42,000 lms 60L - 48,000 lms 55L - 55,000 lms <i>Custom Lumen Packages!</i>	FL - Silicone	Type 1 Type 3 SW - Type 5 Wide FLT - Forward Throw FLW - Forward Throw Asymmetric AM - Automotive Mercedes	Standard - standard (no motion) L - Optics standard left 90° R - Optics standard right 90°	UNW - Universal Voltage (120-277V) HW - High Voltage (541-480V)	
Driver	Color Temperature	Color Rendering	Controls	Finish	Options		
DM - 4-30V Dimming (0-100%)	50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT AMB - ProPilot Controlled Ambient	700CI - 70 CRI	(Blank) - None Wireless Controls System ALSC - Airtalk Synapse Control System ALSCSM - Airtalk Synapse Control System with 12-20 Motion Sensor ALSCSM - Airtalk Synapse Control System with 20-40 Motion Sensor ALSC3L - Airtalk Link Wireless Motion & Photo Sensor Controller (0-24" mounting height) ALSC3M - Airtalk Link Wireless Motion & Photo Sensor Controller (25-40" mounting height) Stand-Alone Controls DMT - 0-10V Dimming (dash intended to housing exterior) CDPT - 7 Pin Control Resistorpack ANSI C136.47 PHSBL3 - Integral Bluetooth® Motion and Photo Sensor (0-24" Mtg) PHSBR12 - Integral Bluetooth® Motion and Photo Sensor (25-40" Mtg) Infra-Red Photo Sensors PCSDP - 12V PCSDM - 27V - 32V PCSHZ - 34V	BLK - Black BLK - Black Matte OPG - Opti-Med Gray OPF - Graphite OPW - Metallic Silver SPG - Platinum Plus SWG - Satin White Green WHT - White	(Blank) - None HL - Integral Hall Louver (Moderate Split Light Cutoff) IL - Integral Louver (Sharp Split Light Cutoff)		

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Accessory Ordering Information*

CONTROLS/ACCESSORIES		FISICOM OPTIONS*		SHIELDING OPTIONS			
Description	Order Number	Single Fusing (207V)	See Evidence, Accessibility, Cautions	Meads Small	See Orientation, Guide		
Twist Lock PhotoEye (CDPT) for use with CDPT	12234	Double Fusing (277V)		Meads Medium			
Twist Lock PhotoEye (CDPT-7) for use with CDPT	12235	Double Fusing (207V, 240V)		Meads Large			
Twist Lock PhotoEye (CDPT) for use with CDPT	12236	Double Fusing (480V)		Zone Medium			
Twist Lock PhotoEye (CDPT-7) for use with CDPT	12239	Double Fusing (24V)	See Evidence, Accessibility, Cautions	Zone Large	See Orientation, Guide		
Airtalk 5 Pin Twist Lock Controller	65409	Size Medium					
Airtalk 7 Pin Twist Lock Controller	65410						
Shorting Cap for use with CDPT	14852						
MOUNTING ACCESSORIES							
Description	Order Number						
Round Pole Adapter (2" Round/Tapered Poles)	408273CLR						
Round Pole Adapter (4" Round Poles)	37966CLR						
Round Pole Adapter (3" Round Poles)	37966CLR						
85 to 83 Adapter	800606CLR						

- * Custom lenses and wall/pole packages available, custom finishes. Models are within industry standard tolerances on fit and finish.
- * All available "P" suffix options.
- * Control finishes for availability.
- * Motor mounts are for convenience only, as they may be down-mounted to a non-mechanical surface cap. See, Control points for more details.
- * Custom drivers in working on order and not in inventory. See, Accessory Channel Information.
- * Accessories are optional equipment and not included.

- * Kiosk must be located in hard hat or pole.
- * 10" Max. Pole. See, Pole Guide.
- * Only available with ACCESSORY control options.
- * Kiosk must be located in hard hat or pole. See, Accessory Channel Information.
- * Only available with 12.0V, 24V, 48V, 60V, 72V, 84V, 96V, 108V, 120V, 132V, 144V, 156V, 168V, 180V, 192V, 204V, 216V, 228V, 240V, 252V, 264V, 276V, 288V, 300V, 312V, 324V, 336V, 348V, 360V, 372V, 384V, 396V, 408V, 420V, 432V, 444V, 456V, 468V, 480V, 492V, 504V, 516V, 528V, 540V, 552V, 564V, 576V, 588V, 600V, 612V, 624V, 636V, 648V, 660V, 672V, 684V, 696V, 708V, 720V, 732V, 744V, 756V, 768V, 780V, 792V, 804V, 816V, 828V, 840V, 852V, 864V, 876V, 888V, 900V, 912V, 924V, 936V, 948V, 960V, 972V, 984V, 996V, 1008V, 1020V, 1032V, 1044V, 1056V, 1068V, 1080V, 1092V, 1104V, 1116V, 1128V, 1140V, 1152V, 1164V, 1176V, 1188V, 1200V, 1212V, 1224V, 1236V, 1248V, 1260V, 1272V, 1284V, 1296V, 1308V, 1320V, 1332V, 1344V, 1356V, 1368V, 1380V, 1392V, 1404V, 1416V, 1428V, 1440V, 1452V, 1464V, 1476V, 1488V, 1500V, 1512V, 1524V, 1536V, 1548V, 1560V, 1572V, 1584V, 1596V, 1608V, 1620V, 1632V, 1644V, 1656V, 1668V, 1680V, 1692V, 1704V, 1716V, 1728V, 1740V, 1752V, 1764V, 1776V, 1788V, 1800V, 1812V

Scottsdale Vertex™ (SCV) Petroleum Canopy Light

have questions? Call us at (800) 436-7800

Name: _____

[Back to Quick Links](#)

ORDERING GUIDE

TYPICAL ORDER EXAMPLE:									
Prefix	Light Source	Lumen Package	Distribution	Voltage	Driver	Color Temperature	Finish	Options	Mounting
SCV - Petroleum Canopy Luminaires	LED	1M - 10,000 Lumens 1L - 15,000 Lumens 1S - 15,000 Lumens 2M - 20,000 Lumens 2L - 25,000 Lumens Carbon Lumen Packages 2XL - 25,000 Lumens	SC - Standard Symmetric SW - Universal Voltage (120-277VAC) HV - 547-600V ^a	DM - 3-10Y Dimming ^b 40 - 300K 40 - 4000K	DM - 3-10Y Dimming ^b 30 - 300K 40 - 4000K		WH - White BK - Black BZ - Bronze	Blank - None ALBCSL - Art Link Blue Wireless Motion & Photo Sensor Controller (25-30' mounting height) ALBCL - Art Link Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height) INSSTIL - Integral Bluetooth® Motion and Photocell Sensor (8'-25' mounting height) INSSTIL - Integral Bluetooth® Motion and Photocell Sensor (25'-40' mounting height) HL - Hazardous Location Class I Div 2 ^c	Blank - None REN - REDMount Integrated junction box system ^d
			SFT - Combination Standard Symmetric and Forward Throw						

Need more information?
[Click here for our glossary.](#)

Have additional questions?
 Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION

Part Number	Description
67425R2	Retrofit Panel Kit - EC / ECTA / SOT to SCV for 10" Deck Panel with larger openings ^e
67450R2	Retrofit Panel Kit - EC / ECTA / SOT to SCV for 12" Deck Panel ^f
67456R2	Retrofit Panel Kit - REDMount to SCV
67457R2	Retrofit Panel Kit - IMU Universal 2x2 to SCV
3527R2	Retrofit 2x2 Cover Panel (Black no holes)
3547R2	Retrofit BIC Cover Panel (Black no holes)
55759WHT	26" X 26" Beauty Plate Kit (with 4" Center hole)
56439WHT	26" X 32" Beauty Plate Kit (with 4" Center hole)

Part Number	Description
007461	Junction Box
1320540	Kit - Hole Pugs and Sealant (enough for 25 retrofits)
67629ZWMT	Rectangular Top Plate Kit (includes top plate and sealant)
67634BR2	Surface Mount Base
007463R2	Retrofit Kit - CRUISER to SCV
744335	Retrofit Kit for SCMSVC to upgrade SCV/ECLA/ECTA White
75237R2	Bracket SMCSC Direct Mount with Hardware

- 1. Custom lumen and wattage packages available (small Crafty Values are within industry standard tolerances but not LED listed)
- 2. HV not available with REDMount
- 3. Solt has voltage wedge dimming not available with REDMount
- 4. IP68's listed (compatible on the US side) can be downloaded from your manufacturer's website or direct.
- 5. Not compatible with wireless motion sensor with REDMount
- 6. Light fixture engine ships with REDMount attached.
- 7. Model 74" T opening.
- 8. Model 74" T opening.

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 SPFC 5.00X C112

QUIKTRIP 4274
E. SMOKY HILL RD & S. CHAMBERS RD
SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO
PHOTOMETRIC CUTSHEETS

PRELIMINARY FOR REVIEW ONLY NOT FOR CONSTRUCTION Kimley-Horn Kimley-Horn and Associates, Inc.	
PROJECT NO. 096888040	
DRAWING NAME	
13	

Verizon Antenna

Under canopy illumination and illuminated red band, TYP

Knox Box

20'-0" AFF Top of Cornice

16'-0" AFF Top of Masonry

10'-0" AFF Bottom of Canopy

92'-4"

West Elevation

8'-10 1/2"

53'-0"

Knox Box

Emergency Shutoff

Finish Floor

South Elevation

The image displays two architectural elevations of a building, labeled 'East Elevation' and 'North Elevation'.

East Elevation: This elevation is 92'-4" wide. It features a brick facade with a central entrance and a large window. Callouts indicate 'Under canopy illumination, TYP' and 'Exterior wall lighting, TYP'. Dimensions are marked along the top and bottom.

North Elevation: This elevation is 6'-10 1/2" wide. It shows a side view of the building with a smaller entrance. Callouts indicate 'Exterior wall lighting, TYP'. Dimensions are marked along the top and bottom.

[illegible]

<p>QUIKTRIP 4274 E. SMOKY HILL RD & S. CHAMBERS RD SITE PLAN COUNTY OF ARKANSAS, STATE OF COLORADO BUILDING ELEVATION</p>	<p>Kimley»Horn 2023 KIMLEY-HORN AND ASSOCIATES, INC. 6200 South Syracuse Way, Suite 300 Greenwood Village, CO 80111 (303) 228-2300</p>		NO.	REVISION	BY	DATE	APPR
	<p>DESIGNED BY: MGK CHECKED BY: MGK DATE: 12/11/2024</p>						
<p>TERMINALITY</p> <p>FOR REVIEW ONLY NOT FOR CONSTRUCTION</p> <p>Kimley»Horn Kimley-Horn and Associates, Inc.</p>							
<p>PROJECT NO. 096888040</p>							
<p>DRAWING NAME</p>							
<p>14</p>							

14'-1"

32'-0"

32'-0"

32'-0"

32'-0"

14'-1"

124'-2"
OUT TO OUT FASCIA

West Elevation

Architectural elevation drawing of the South Elevation of a building. The drawing shows a long, low structure with a flat roof and a series of vertical supports. The roof is colored red. The walls are light gray. The supports are dark brown. The drawing includes dimension lines and labels for the elevation.

South Elevation


14'-1" 32'-0" 32'-0" 32'-0" 14'-1"

124'-2" OUT TO OUT FASCIA

18'-6" Min. / 25'-6" Max.
 AFF Top of Canopy
 15'-0" Min. Store Side Canopies / 20'-0" Max.
 17'-0" Min. Store Front Canopies / 22'-0" Max.
 AFF Bottom of Canopy

North Elevation

South Elevation

 <p>4705 South 129th East Ave. Tulsa, OK 74134-7008 P.O. Box 3475 Tulsa, OK 74101-3475 (918) 615-7700</p>	Store #		Address:		City, State:	
	274		15275 E Smoky Hill Rd		Aurora, CO	
	Custom Gas Canopy					
	Serial #	Scale:	Issue Date:	Drawn By:	Rev/Notes:	
	83-4274-GD07	1/8"=1'-0"	04.18.24	JK		

②	FINISH	MANUFACTURER	SPECIFICATION
1	BRUSHED ALUMINUM	REYNOLDBOND	CANOPY
2	RED POLYCARBONATE	ALLEN INDUSTRIES	ILLUMINATED BAND
3	QT BROWN	SHERWIN - WILLIAMS	METAL/PAINT
4	DC-14	ALLEN INDUSTRIES	ILLUMINATED SIGNAGE
5	WHITE STONE	INTERSTATE BRICK	3"X6"X12" HYDROLYTIC BRICK
6	BLACK	ALL COURT FABRICS	POLYPRO 95 MESH
7	MIDNIGHT	INTERSTATE BRICK	ATLAS STRUCTURAL BRICK

Kimley»»Horn

DESIGNED BY: MGK
DRAWN BY: MGK
CHECKED BY: DNP
DATE: 12/11/2024

QUIKTRIP 4274
E. SMOKY HILL RD & S. CHAMBERS RD
SITE PLAN
COUNTY OF ARAPAHOE, STATE OF COLORADO

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Kimley-Horn and Associates, Inc.

PROJECT NO.
096888040

DRAWING NAME

15

