

SITE SPECIFIC NOTES:

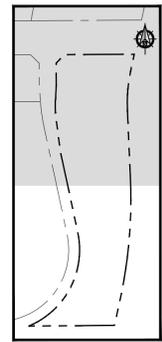
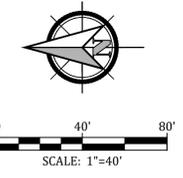
1. THE PROPERTY OWNER/DEVELOPER SHALL MAINTAIN THE DUST FREE SURFACE AS PROVIDED WITHIN THE SITE PLAN/CONTEXTUAL SITE PLAN. OTHERWISE IF THE PROPERTY OWNER/DEVELOPER FAILS TO MAINTAIN THE DUST FREE SURFACE AS IDENTIFIED WITHIN THE SITE PLAN/CONTEXTUAL SITE PLAN AND FAILS TO CORRECT THE CONDITION AFTER NOTIFICATION OF THE CONDITION, THE PROPERTY OWNER/DEVELOPER AGREES TO REMOVE IT AND REPLACE IT WITH AN IMPROVED SURFACE SUCH AS CONCRETE OR ASPHALT WITHIN THE SPECIFIED TIME OF THE NOTIFICATION.
2. GATES INTO CENTRAL MAINTENANCE FACILITY SITE FROM VALDAI STREET ARE TO REMAIN OPEN DURING NORMAL BUSINESS HOURS.
3. PROPOSED STREET LIGHT LOCATIONS ARE CONCEPTUAL. FINAL LOCATIONS WILL BE DETERMINED WITH PHOTOMETRIC ANALYSIS SUBMITTED WITH THE STREET LIGHTING PLANS IN THE CIVIL PLAN SUBMITTAL.
4. THE DEVELOPER IS RESPONSIBLE FOR SIGNING AND STRIPING ALL PUBLIC STREETS. THE DEVELOPER IS REQUIRED TO PLACE TRAFFIC CONTROL, STREET NAME, AND GUIDE SIGNS ON ALL PUBLIC STREETS AND PRIVATE STREETS APPROACHING AN INTERSECTION WITH A PUBLIC STREET. SIGNS SHALL BE FURNISHED AND INSTALLED PER THE MOST CURRENT EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY STANDARDS AND SHOWN NON THE SIGNING AND STRIPING PLAN FOR THE DEVELOPMENT.
5. E-470 SHALL BE RESPONSIBLE FOR PAYMENT OF 25% OF THE TRAFFIC SIGNALIZATION COSTS FOR THE INTERSECTION OF VALDAI STREET AND STEPHEN D HOGAN PARKWAY, IF AND WHEN THE TRAFFIC SIGNAL WARRANTS ARE SATISFIED. TRAFFIC SIGNAL WARRANTS TO CONSIDER SHALL BE AS DESCRIBED IN THE MOST RECENTLY ADOPTED VERSION OF THE MUTCD, AS OF THE DATE OR DATES OF ANY SUCH WARRANT STUDIES. FOR WARRANT PURPOSES, THE MINOR STREET APPROACH TRAFFIC SHALL TYPICALLY BE COMPRISED OF ALL THROUGH AND LEFT-TURN MOVEMENT AND 50% OF RIGHT TURN MOVEMENTS UNLESS OTHERWISE DETERMINED BY THE TRAFFIC ENGINEER. PURSUANT TO 147-37.5 OF CITY CODE, THE PERCENTAGE OF THE TRAFFIC SIGNALIZATION COSTS IDENTIFIED ABOVE SHALL BE PAID TO THE CITY BY THE APPLICANT/OWNER, TO BE HELD IN ESCROW FOR SUCH PURPOSE, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT FOR THE RELATED DEVELOPMENT OR AS OTHERWISE REQUIRED BY CITY CODE. THE PERCENTAGE ABOVE WILL BE APPLIED TO THE ENTIRE TRAFFIC SIGNALIZATION COST AS ESTIMATED AT THE TIME OF THE EXCROW DEPOSIT TO CALCULATE SPECIFIC DOLLAR FUNDING REQUIREMENT.

NOTE:
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LEGEND

	PROPOSED BUILDING		EXISTING FIRE HYDRANT
	PROPERTY OR ROW LINE		EXISTING WATER VALVE
	EXISTING EASEMENT		EXISTING WATER METER
	EXISTING FIBER OPTIC LINE		EXISTING SANITARY SEWER MANHOLE
	EXISTING WATER LINE		EXISTING SANITARY SEWER CLEAN OUT
	EXISTING SANITARY SEWER		EXISTING STORM SEWER MANHOLE
	EXISTING STORM SEWER		EXISTING WATER MANHOLE
	EXISTING UNDERGROUND ELECTRIC LINE		EXISTING TELEPHONE MANHOLE
	EXISTING UNDERGROUND TELEPHONE LINE		EXISTING TELEPHONE PEDESTAL
	EXISTING GAS LINE		EXISTING FIBER OPTIC VAULT
	EXISTING 100 YEAR FLOODPLAIN		EXISTING CABLE TV BOX
	ADA RAMP WITH DETECTABLE WARNING		EXISTING LIGHT POLE
	EXISTING CHAIN LINK FENCE		EXISTING ELECTRIC BOX
	PROPOSED 6' CAPPED WOODEN FENCE		EXISTING ELECTRIC TRANSFORMER
	EXISTING STREET LIGHT		EXISTING ELECTRIC MANHOLE
	EXISTING CONTOURS		PROPOSED ELECTRIC TRANSFORMER
	PROPOSED CONTOURS		PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SERVICE AND CLEAN OUT		PROPOSED WATER METER
	PROPOSED WATER LINE OR SERVICE AND VALVE		PROPOSED STORM CURB INLET
	PROPOSED SANITARY SEWER AND MANHOLE		EXISTING SIGN
	PROPOSED STORM SEWER PIPE AND MANHOLE		PROPOSED SIGN
	PROPOSED FLOW DIRECTION AND SLOPE		EMERGENCY VEHICLE/TRUCK/VEHICLE MOVEMENTS

**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**



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ARE CONCEPTUAL. FINAL LOCATIONS
WILL BE DETERMINED WITH
PHOTOMETRIC ANALYSIS SUBMITTED
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	EXISTING GAS LINE
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	PROPOSED WATER LINE OR SERVICE AND VALVE
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	PROPOSED FLOW DIRECTION AND SLOPE
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	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING SANITARY SEWER CLEAN OUT
	EXISTING STORM SEWER MANHOLE
	EXISTING WATER MANHOLE
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE PEDESTAL
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	EXISTING ELECTRIC BOX
	EXISTING ELECTRIC TRANSFORMER
	EXISTING ELECTRIC MANHOLE
	PROPOSED ELECTRIC TRANSFORMER
	PROPOSED FIRE HYDRANT
	PROPOSED WATER METER
	PROPOSED STORM CURB INLET
	EXISTING SIGN
	PROPOSED SIGN

MATCHLINE - SEE SHT 3

NOTE:
TRANSITION TO THE
BRIDGE WILL BE
DESIGNED AS PART OF
THE BRIDGE WIDENING

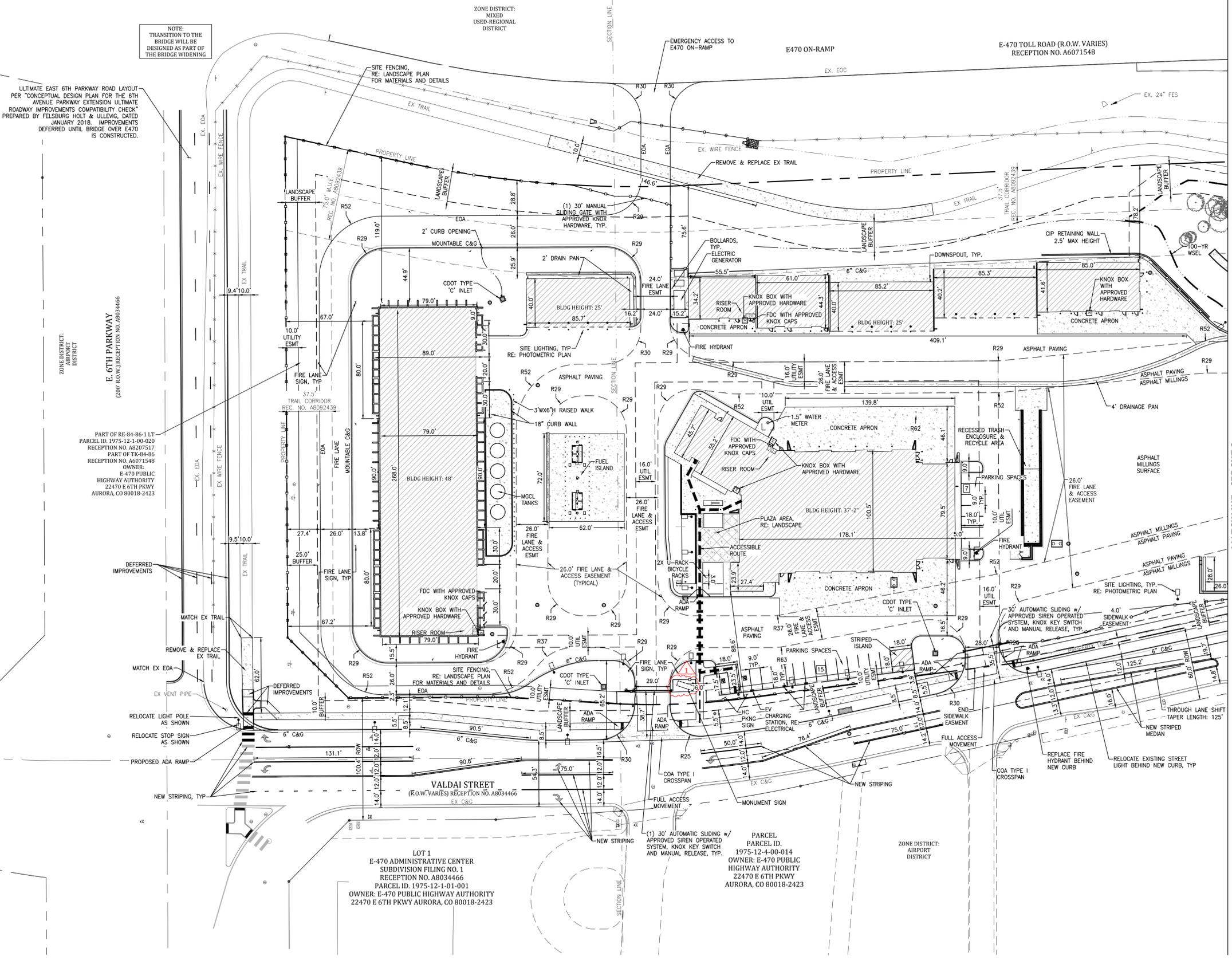
ULTIMATE EAST 6TH PARKWAY ROAD LAYOUT
PER "CONCEPTUAL DESIGN PLAN FOR THE 6TH
AVENUE PARKWAY EXTENSION ULTIMATE
ROADWAY IMPROVEMENTS COMPATIBILITY CHECK"
PREPARED BY FELSBURG HOLT & ULLEVIC, DATED
JANUARY 2018. IMPROVEMENTS
DEFERRED UNTIL BRIDGE OVER E470
IS CONSTRUCTED.

E. 6TH PARKWAY
(200' R.O.W.) RECEPTION NO. A8034466

PART OF RE-84-86-1 LT.
PARCEL ID. 1975-12-1-00-020
RECEPTION NO. A8207517
PART OF TK-84-86
RECEPTION NO. A6071548
OWNER:
E-470 PUBLIC
HIGHWAY AUTHORITY
22470 E 6TH PKWY
AURORA, CO 80018-2423

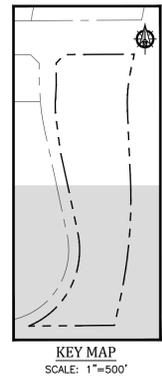
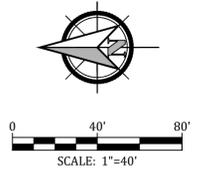
LOT 1
E-470 ADMINISTRATIVE CENTER
SUBDIVISION FILING NO. 1
RECEPTION NO. A8034466
PARCEL ID. 1975-12-1-01-001
OWNER: E-470 PUBLIC HIGHWAY AUTHORITY
22470 E 6TH PKWY AURORA, CO 80018-2423

PARCEL
PARCEL ID.
1975-12-4-00-014
OWNER: E-470 PUBLIC
HIGHWAY AUTHORITY
22470 E 6TH PKWY
AURORA, CO 80018-2423



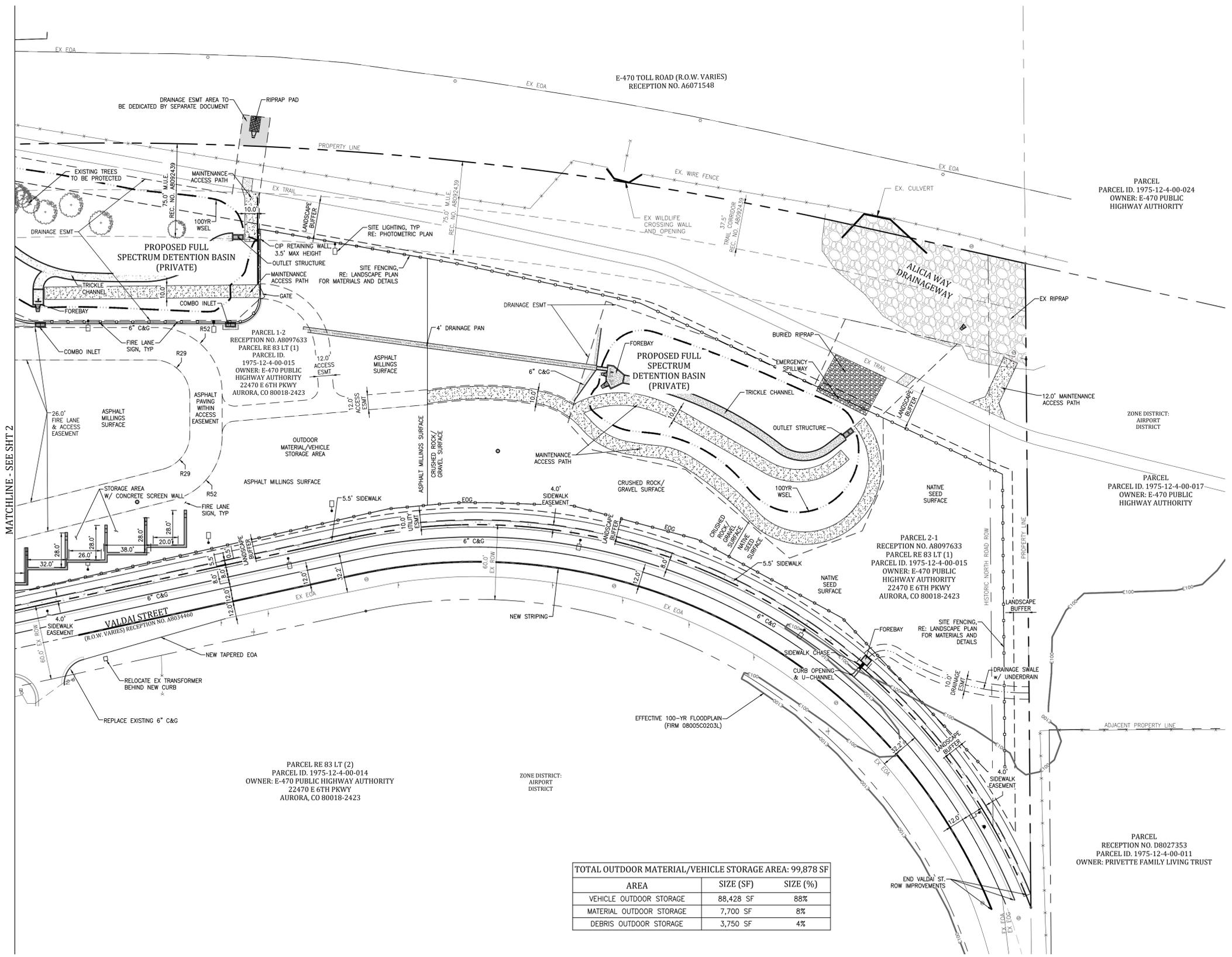
**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**

SITE PLAN



NOTE:
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	EXISTING WATER LINE
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	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING GAS LINE
	EXISTING 100 YEAR FLOODPLAIN
	ADA RAMP WITH DETECTABLE WARNING
	EXISTING CHAIN LINK FENCE
	EXISTING STREET LIGHT
	EXISTING CONTOURS
	PROPOSED CONTOURS
	PROPOSED SANITARY SERVICE AND CLEAN OUT
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	EXISTING FIBER OPTIC VAULT
	EXISTING CABLE TV BOX
	EXISTING LIGHT POLE
	EXISTING ELECTRIC BOX
	EXISTING ELECTRIC TRANSFORMER
	EXISTING ELECTRIC MANHOLE
	PROPOSED ELECTRIC TRANSFORMER
	PROPOSED FIRE HYDRANT
	PROPOSED WATER METER
	PROPOSED STORM CURB INLET
	EXISTING SIGN
	PROPOSED SIGN

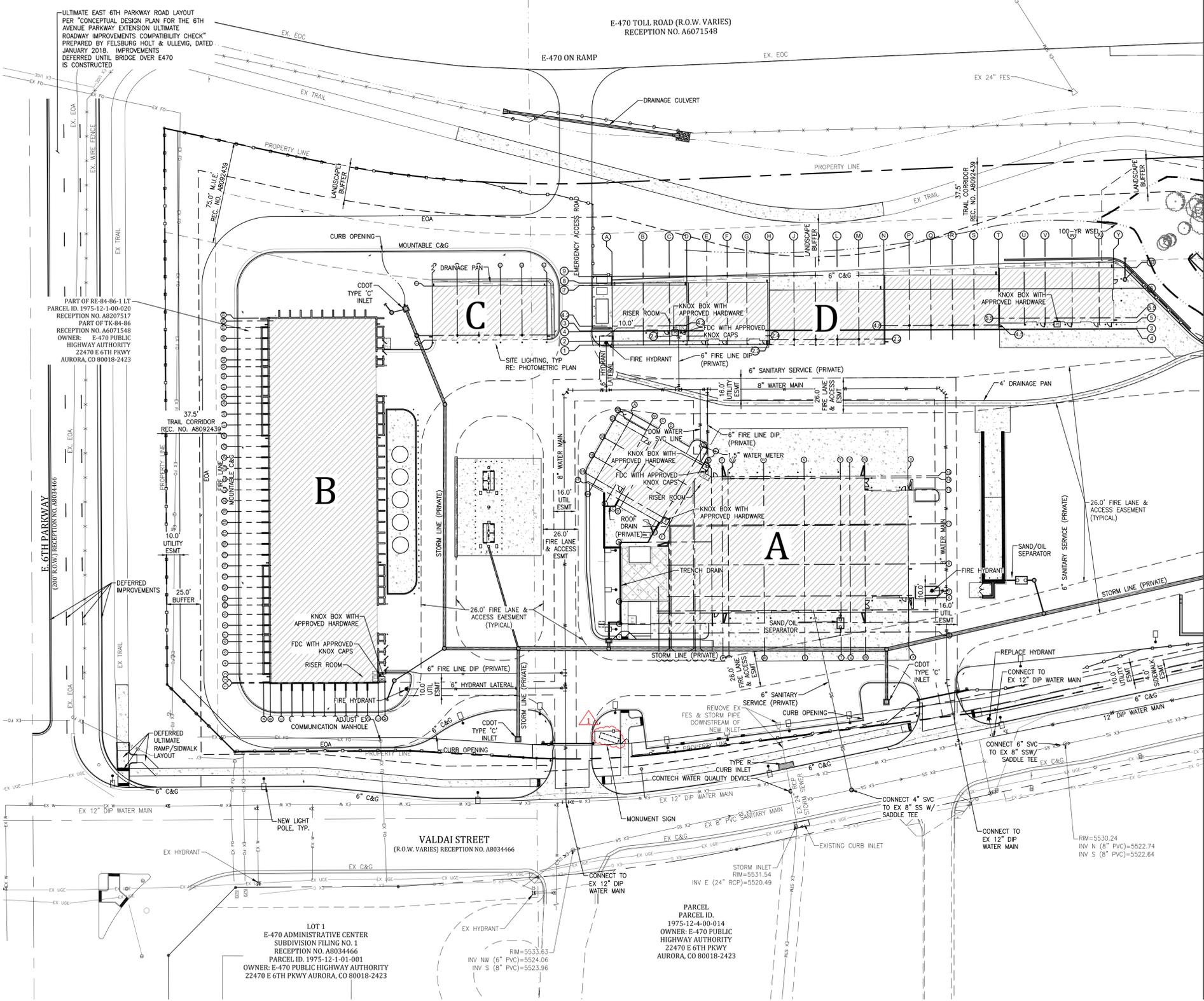
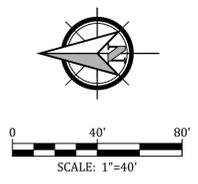


TOTAL OUTDOOR MATERIAL/VEHICLE STORAGE AREA: 99,878 SF

AREA	SIZE (SF)	SIZE (%)
VEHICLE OUTDOOR STORAGE	88,428 SF	88%
MATERIAL OUTDOOR STORAGE	7,700 SF	8%
DEBRIS OUTDOOR STORAGE	3,750 SF	4%

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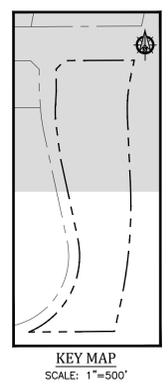
07/12/2024 - 2022-6004-01 MONUMENT SIGN



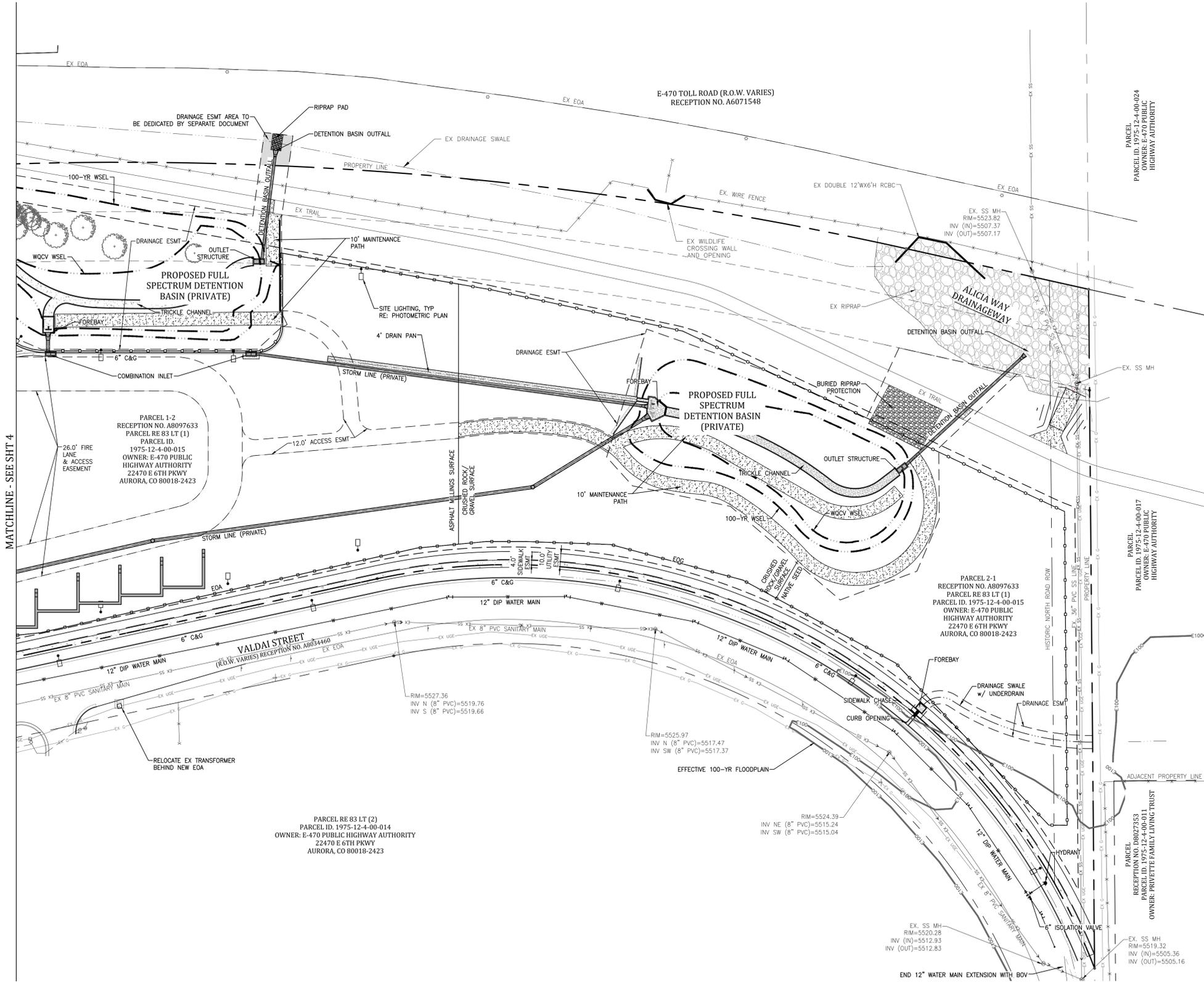
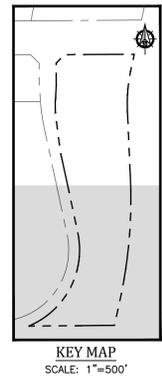
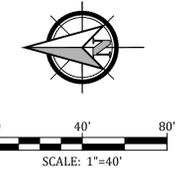
LEGEND

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- NOTES:**
1. ALL STORM SEWER PIPE TO BE PRIVATE, UNLESS OTHERWISE STATED.
 2. ALL SANITARY SEWER SERVICE LINES TO BE PRIVATE.
 3. PRIVATE LINES TO BE OWNED AND MAINTAINED BY PROPERTY OWNER.



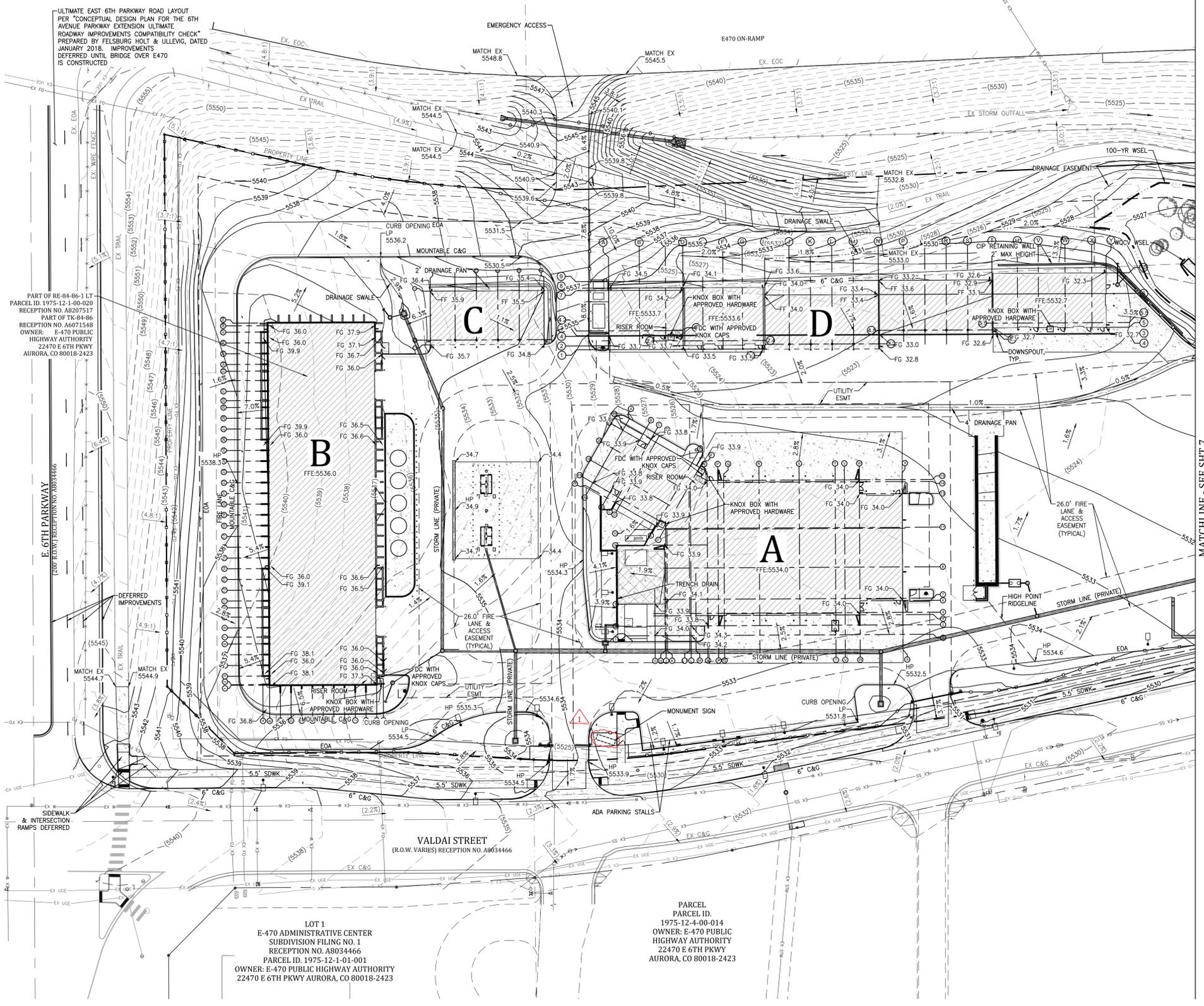
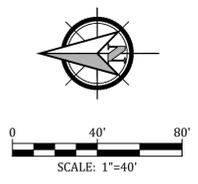
**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**



LEGEND	
[Symbol]	PROPOSED BUILDING
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[Symbol]	PROPOSED ELECTRIC TRANSFORMER
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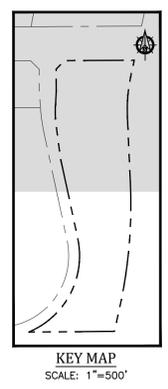
**E-470 PUBLIC HIGHWAY AUTHORITY
 CENTRAL MAINTENANCE FACILITY
 22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**



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	EXISTING SIGN
	PROPOSED SIGN

NOTE:
ON-SITE STORM SEWER SYSTEM IS PRIVATE AND WILL BE MAINTAINED BY E470



MATCHLINE - SEE SHIT 7

ULTIMATE EAST 6TH PARKWAY ROAD LAYOUT PER "CONCEPTUAL DESIGN PLAN FOR THE 6TH AVENUE PARKWAY EXTENSION ULTIMATE ROADWAY IMPROVEMENTS COMPATIBILITY CHECK" PREPARED BY FELSBERG HOLT & LILJEVIG, DATED JANUARY 2018. IMPROVEMENTS DEFERRED UNTIL BRIDGE OVER E470 IS CONSTRUCTED

PART OF RE-84-06-1 LT. PARCEL ID. 1975-12-1-00-020 RECEPTION NO. A8207517 PART OF TK-84-86 RECEPTION NO. A6071548 OWNER: E-470 PUBLIC HIGHWAY AUTHORITY 22470 E 6TH PKWY AURORA, CO 80018-2423

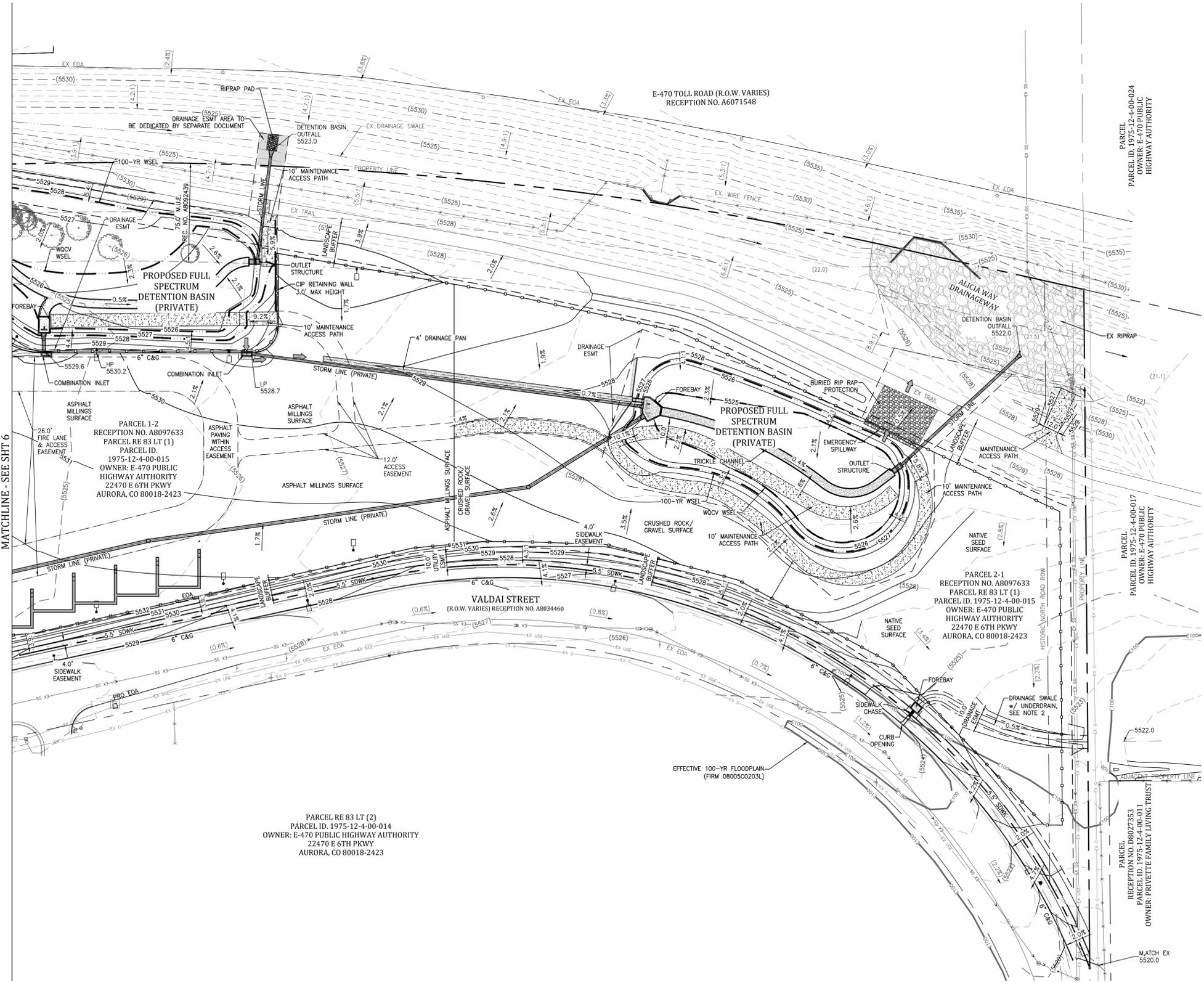
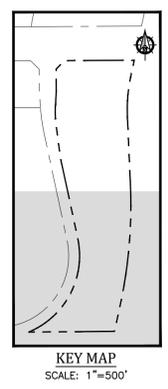
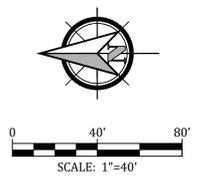
E. 6TH PARKWAY (200' RECD) RECEPTION NO. A8034466

LOT 1
E-470 ADMINISTRATIVE CENTER
SUBDIVISION FILING NO. 1
RECEPTION NO. A8034466
PARCEL ID. 1975-12-1-01-001
OWNER: E-470 PUBLIC HIGHWAY AUTHORITY
22470 E 6TH PKWY AURORA, CO 80018-2423

PARCEL
PARCEL ID.
1975-12-4-00-014
OWNER: E-470 PUBLIC
HIGHWAY AUTHORITY
22470 E 6TH PKWY
AURORA, CO 80018-2423

VALDAI STREET
(R.O.W. VARIES) RECEPTION NO. A9034466

**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**

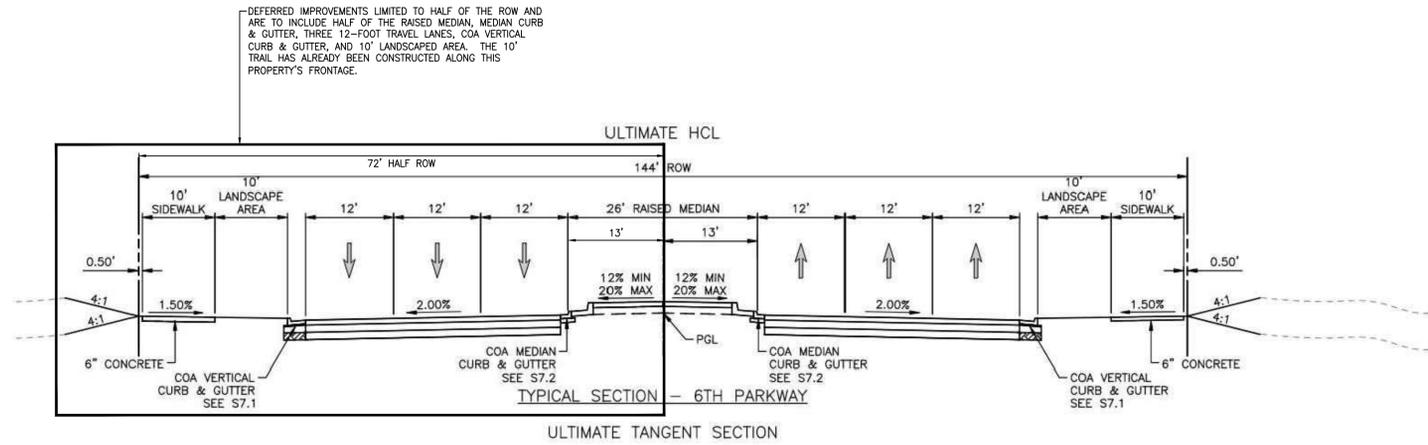


- NOTES:
1. ON-SITE STORM SEWER SYSTEM IS PRIVATE AND WILL BE MAINTAINED BY E470.
 2. THE PRIVATE SWALE SHALL BE MAINTAINED BY PROPERTY OWNER AND SLOPE LESS THAN 2% PERMITTED. THE CITY RESERVES THE RIGHT AT ANY POINT TO REQUIRE THE CONSTRUCTION OF REMEDIAL MEASURES SHOULD THERE BE ANY ISSUES WITH REDUCED CAPACITY, SEDIMENTATION, EROSION, PONDING, FLOODING, OR OTHER ITEMS IDENTIFIED BY THE CITY ENGINEER. DUE TO THE PROXIMITY TO THE AIRPORT, STANDING WATER IS NOT PERMITTED. THE OWNER SHALL TAKE IMMEDIATE ACTION IF SUCH ISSUES ARE IDENTIFIED.

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	PROPOSED WATER METER
	PROPOSED STORM CURB INLET
	EXISTING SIGN
	PROPOSED SIGN
	EMERGENCY OVERFLOW

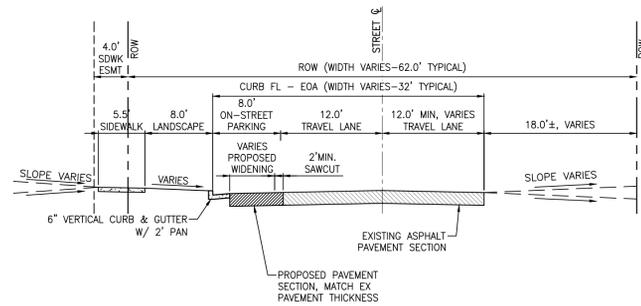
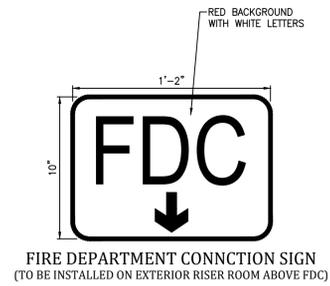
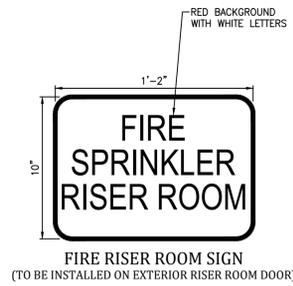
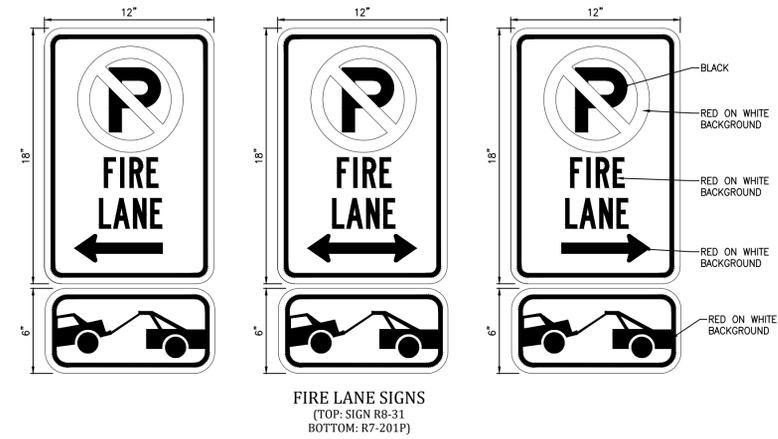
**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018**

GRADING PLAN

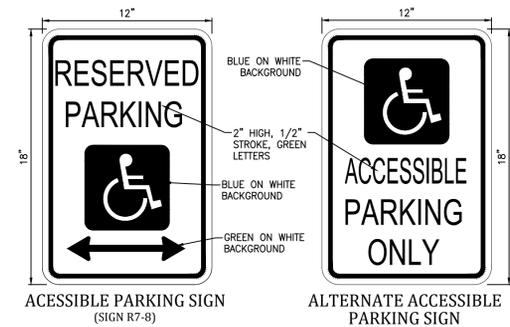
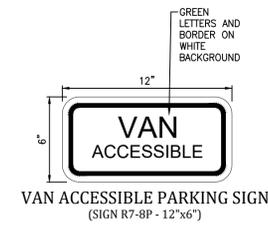
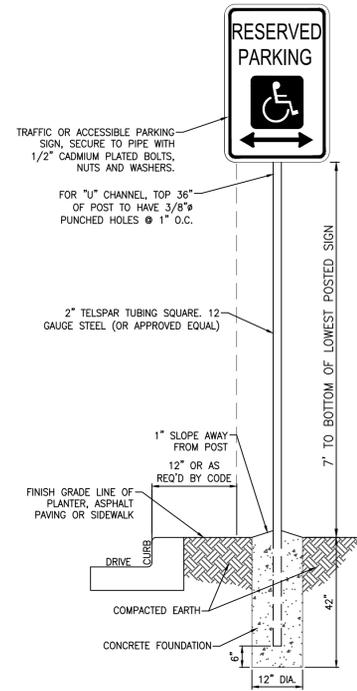


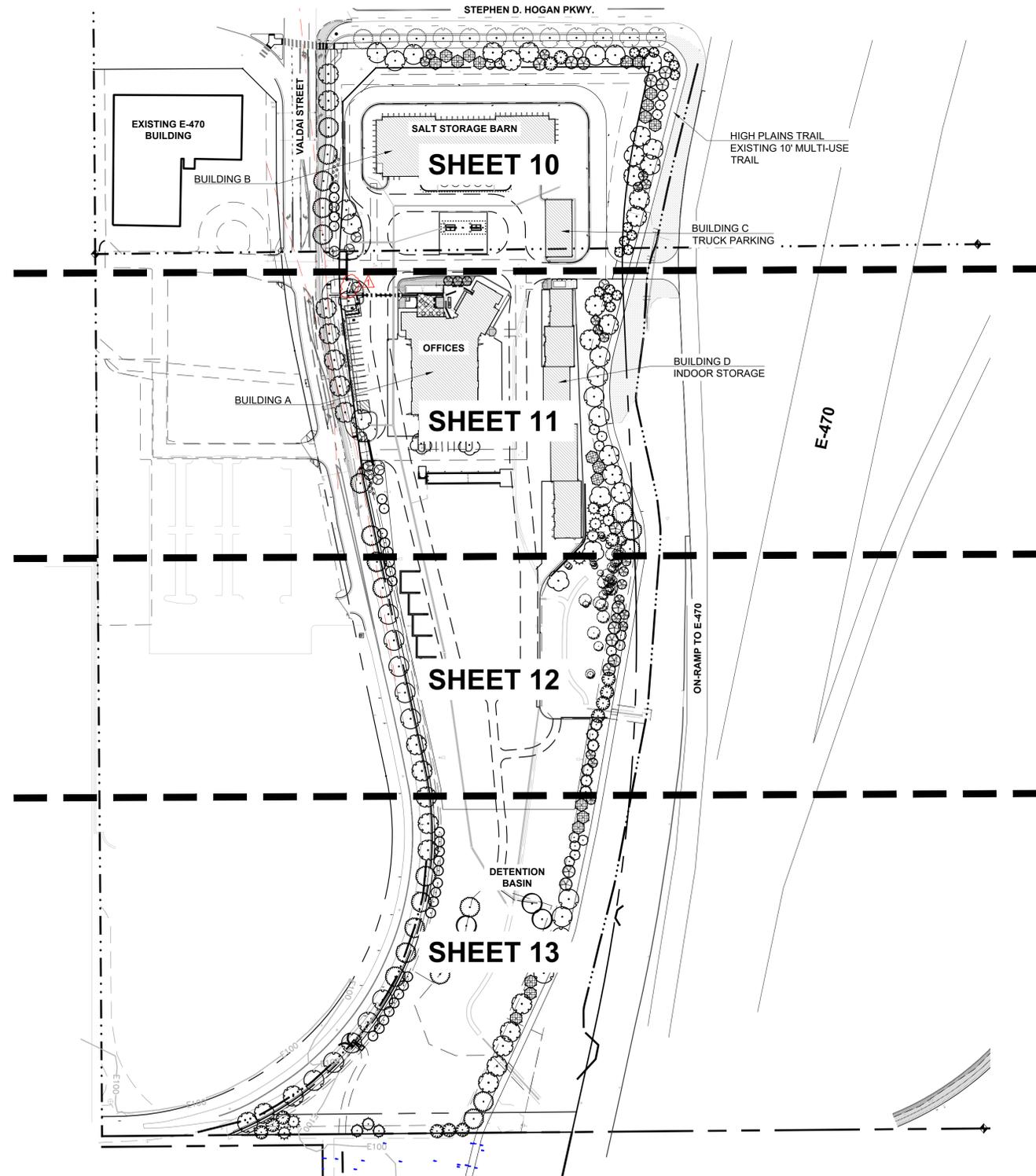
NOTE:
ULTIMATE EAST 6TH PARKWAY ROAD SECTION PER "CONCEPTUAL DESIGN PLAN FOR THE 6TH AVENUE PARKWAY EXTENSION ULTIMATE ROADWAY IMPROVEMENTS COMPATIBILITY CHECK" PREPARED BY FELSBURG HOLT & ULLEVIG, DATED JANUARY 2018. ALL IMPROVEMENTS SHOWN ON THIS SECTION ARE TO BE DEFERRED UNTIL BRIDGE OVER E470 IS CONSTRUCTED. NO IMPROVEMENTS TO E. 6TH PARKWAY ARE PROPOSED AT THE TIME OF THIS SITE PLAN.

ULTIMATE E. 6TH PARKWAY ROADWAY SECTION
SCALE: NTS



A
8 TYPICAL VALDAI SECTION
SCALE: NTS





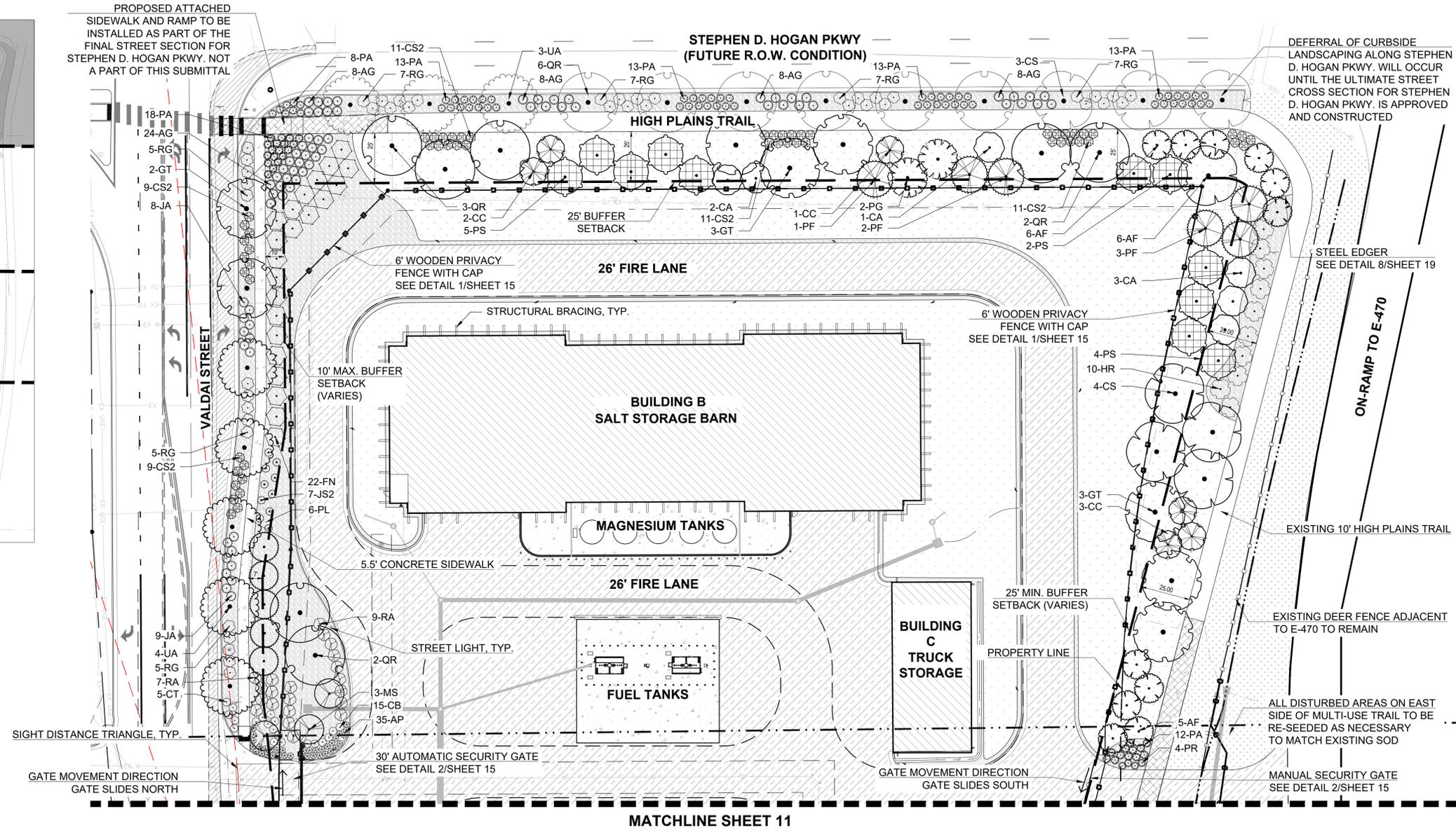
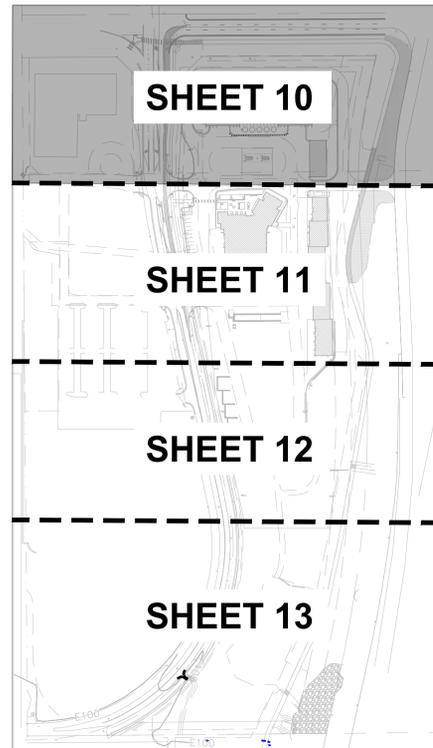
**NOT FOR
CONSTRUCTION**



**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E 6TH PARKWAY AURORA, COLORADO 80018**



OVERALL
LANDSCAPE
PLAN
SHEET 09 OF 30



DEFERRAL OF CURBSIDE LANDSCAPING ALONG STEPHEN D. HOGAN PKWY. WILL OCCUR UNTIL THE ULTIMATE STREET CROSS SECTION FOR STEPHEN D. HOGAN PKWY. IS APPROVED AND CONSTRUCTED

LEGEND:

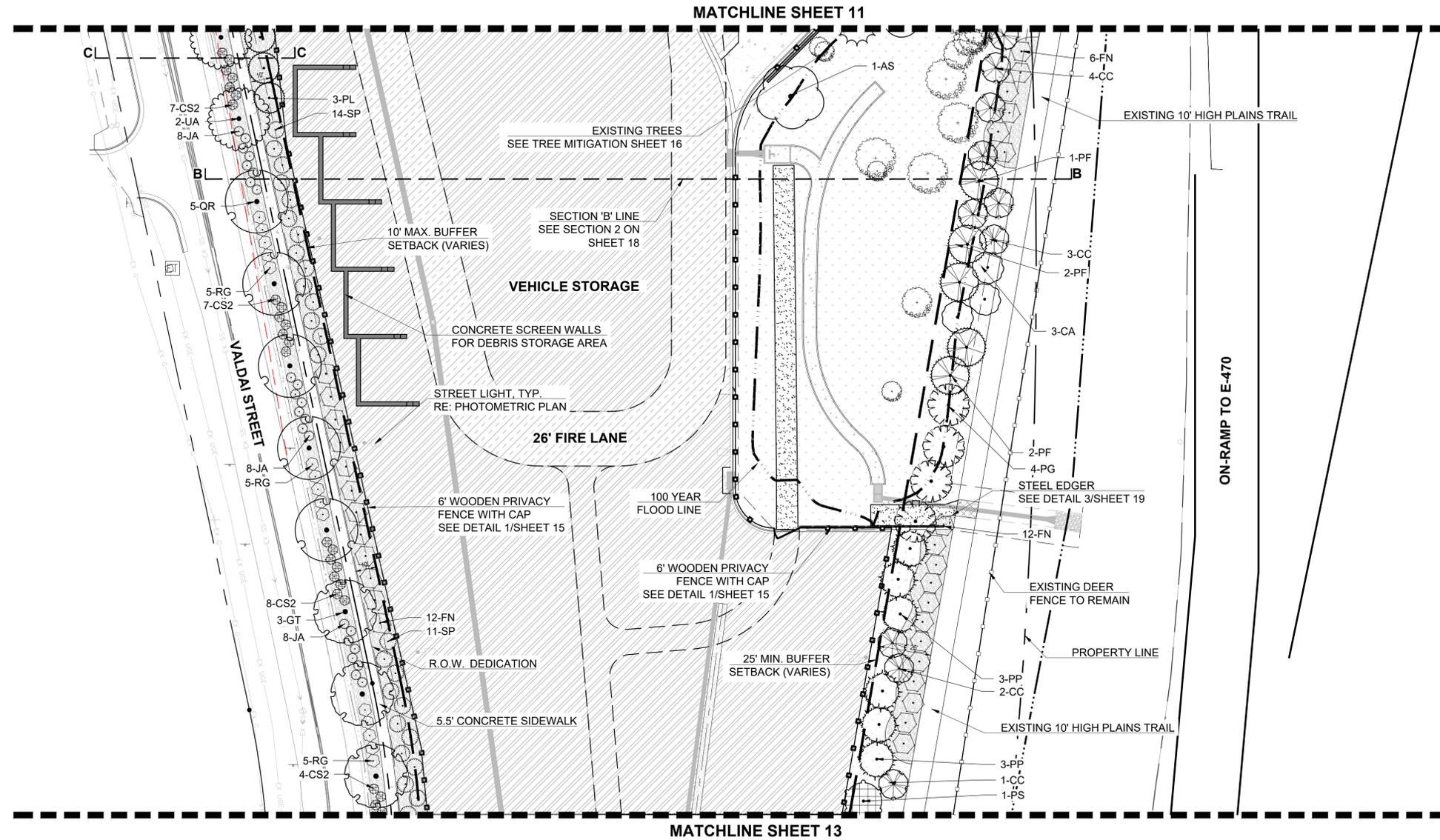
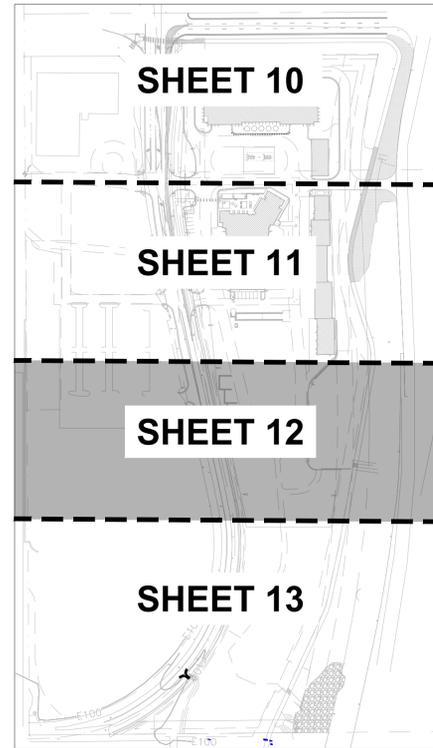
- | | | | |
|--|---|--|---|
| | ROCK MULCH 1.5"-3" DIA. SEE SHEET 17 | | GRAVEL |
| | NATIVE SEED MIX SEE SHEET 17 | | COBBLE MULCH 3"-6" DIA. SEE SHEET 17 |
| | RTF SOD SEE SHEET 17 | | SIGHT DISTANCE TRIANGLE |
| | ASPHALT | | CHAIN LINK FENCE SEE SHEET 15 |
| | MILLED ASPHALT | | WOODEN PRIVACY FENCE SEE SHEET 15 |
| | CONCRETE | | PROPERTY LINE |
| | | | R.O.W. DEDICATION |

NOTES:

1. DEVELOPMENT IS SUBJECT TO FUTURE APPROVAL OF SITE PLAN.
2. THE FINAL LOCATION OF STREET TREES WILL BE DEPENDANT UPON THE FINAL PLACEMENT OF ENTRY DRIVES, STOP SIGNS, AND UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE.

NOT FOR CONSTRUCTION





LEGEND:

	ROCK MULCH 1.5"-3" DIA. SEE SHEET 17		GRAVEL
	NATIVE SEED MIX SEE SHEET 17		COBBLE MULCH 3"-6" DIA. SEE SHEET 17
	RTF SOD SEE SHEET 17		SIGHT DISTANCE TRIANGLE
	ASPHALT		CHAIN LINK FENCE SEE SHEET 15
	MILLED ASPHALT		WOODEN PRIVACY FENCE SEE SHEET 15
	CONCRETE		PROPERTY LINE
			R.O.W. DEDICATION

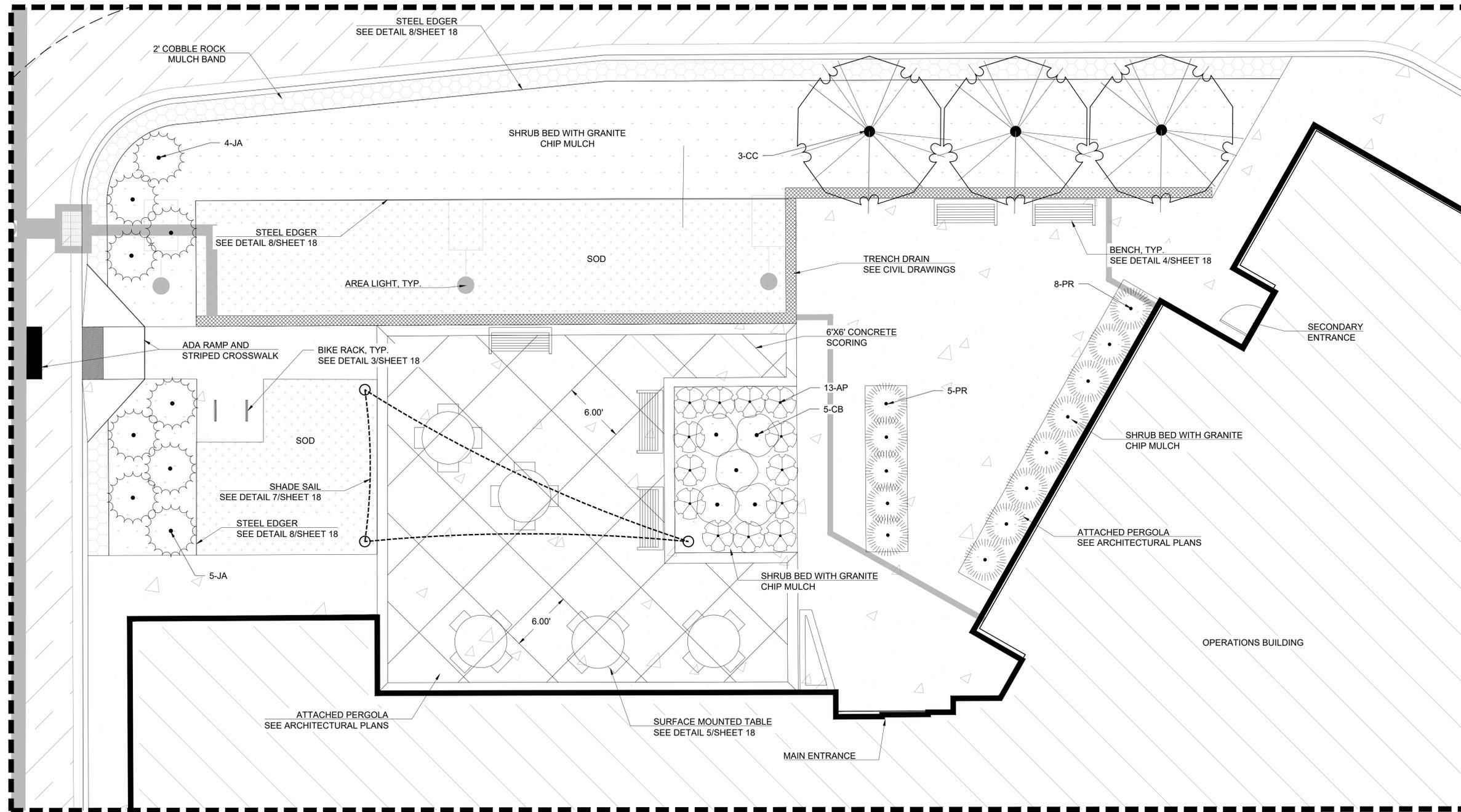
NOTES:

1. DEVELOPMENT IS SUBJECT TO FUTURE APPROVAL OF SITE PLAN.
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**NOT FOR
CONSTRUCTION**





NOTES:

1. DEVELOPMENT IS SUBJECT TO FUTURE APPROVAL OF SITE PLAN. THE FINAL LOCATION OF STREET TREES WILL BE DEPENDANT UPON THE FINAL PLACEMENT OF ENTRY DRIVES , STOP SIGNS, AND UTILITIES. LOCATIONS SHOWN ARE APPROXIMATE.
2. ALL SHRUB BEDS WITHIN EMPLOYEE PLAZA AREA TO BE MULCHED WITH 3/4" DARK GRAY GRANITE CHIP MULCH.

LEGEND:

	ROCK MULCH 1.5"-3" DIA. SEE SHEET 17		CONCRETE		CHAIN LINK FENCE SEE SHEET 15
	NATIVE SEED MIX SEE SHEET 17		GRAVEL		WOODEN PRIVACY FENCE SEE SHEET 15
	RTF SOD SEE SHEET 17		COBBLE MULCH 3"-6" DIA. SEE SHEET 17		PROPERTY LINE
	ASPHALT		GRANITE CHIP MULCH SEE SHEET 17		R.O.W. DEDICATION
	MILLED ASPHALT		SIGHT DISTANCE TRIANGLE		

NOT FOR CONSTRUCTION

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

PLANWEST

NOT FOR CONSTRUCTION

SCALE 1" = 30'

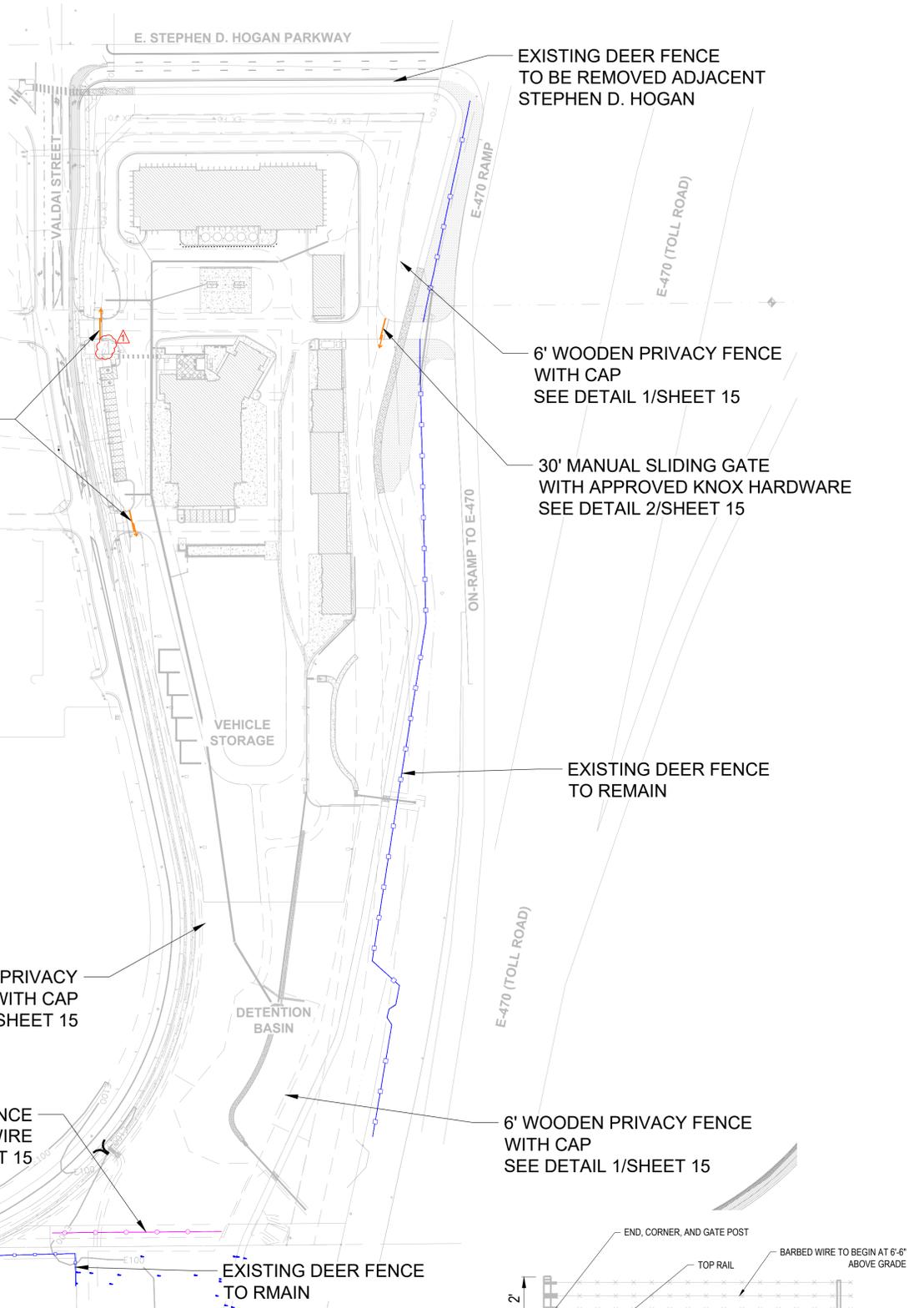
NORTH

**E-470 PUBLIC HIGHWAY AUTHORITY
CENTRAL MAINTENANCE FACILITY
22470 E 6TH PARKWAY AURORA, COLORADO 80018**



07/02/2024 - 2022-6004- 01 - Monument sign

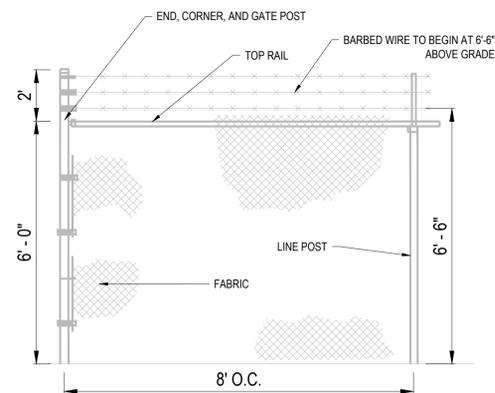
LEGEND	
	6' WOODEN PRIVACY FENCE WITH CAP +/- 3,350 LF DETAIL 1/SHEET 15
	6' CHAIN LINK FENCE W/ BARBED WIRE +/- 240 LF DETAIL 3/SHEET 15
	ENTRY/SECURITY GATE (2) AUTOMATIC - (1) MANUAL DETAIL 2/SHEET 15
	EXISTING DEER FENCE TO REMAIN



9' DEER FENCE REPRESENTATIVE IMAGE

GATING SYSTEM NOTES:

1. THE INSTALLATION OF ANY GATING SYSTEM WILL REQUIRE A CITY OF AURORA LICENSED CONTRACTOR TO OBTAIN A BUILDING PERMIT THROUGH THE AURORA BUILDING DIVISION PRIOR TO THE START OF ANY WORK. THIS WOULD BE CONSIDERED A STRUCTURAL, LIFE SAFETY AND ELECTRICAL REVIEW WITHIN THE BUILDING DIVISION THAT IS CONDUCTED ON BEHALF OF THE FIRE DEPARTMENT. FOR ASSISTANCE PLEASE CALL 303-739-7420 AND ASK FOR A LIFE SAFETY EXAMINER.
2. AN ENCROACHMENT INTO OR OVER A FIRE LANE EASEMENT WILL REQUIRE THE DEVELOPER TO OBTAIN A LICENSE AGREEMENT THROUGH THE REAL PROPERTY DIVISION OF THE PUBLIC WORKS DEPARTMENT PLEASE CALL 303-739-7300.



3 6' CHAIN LINK FENCE W/ 2' BARBED WIRE
Not To Scale

J:\2018-08 Settler's Crossing Filing No. 1\Drawings\Plan West\Details\Privacy Fence Detail.jpg

1 6' HEIGHT WOODEN PRIVACY FENCE DETAIL
Not To Scale

Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

DETAIL A	DETAIL B	DETAIL C

TRANSPORT II CANTILEVER GATE SPECIFICATION SUMMARY

U.S.A. PATENT NO. 5,136,813
Material: Aluminum (ASTM B221 - 6005-T5)
Track: Proprietary Fast-Trak Extruded Shape

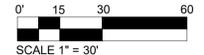
Uprights and Diagonal Braces: 2" Square
Ornamental Pickets: 1" Square
Cantilever Gate Hardware: Kit # TKG0D

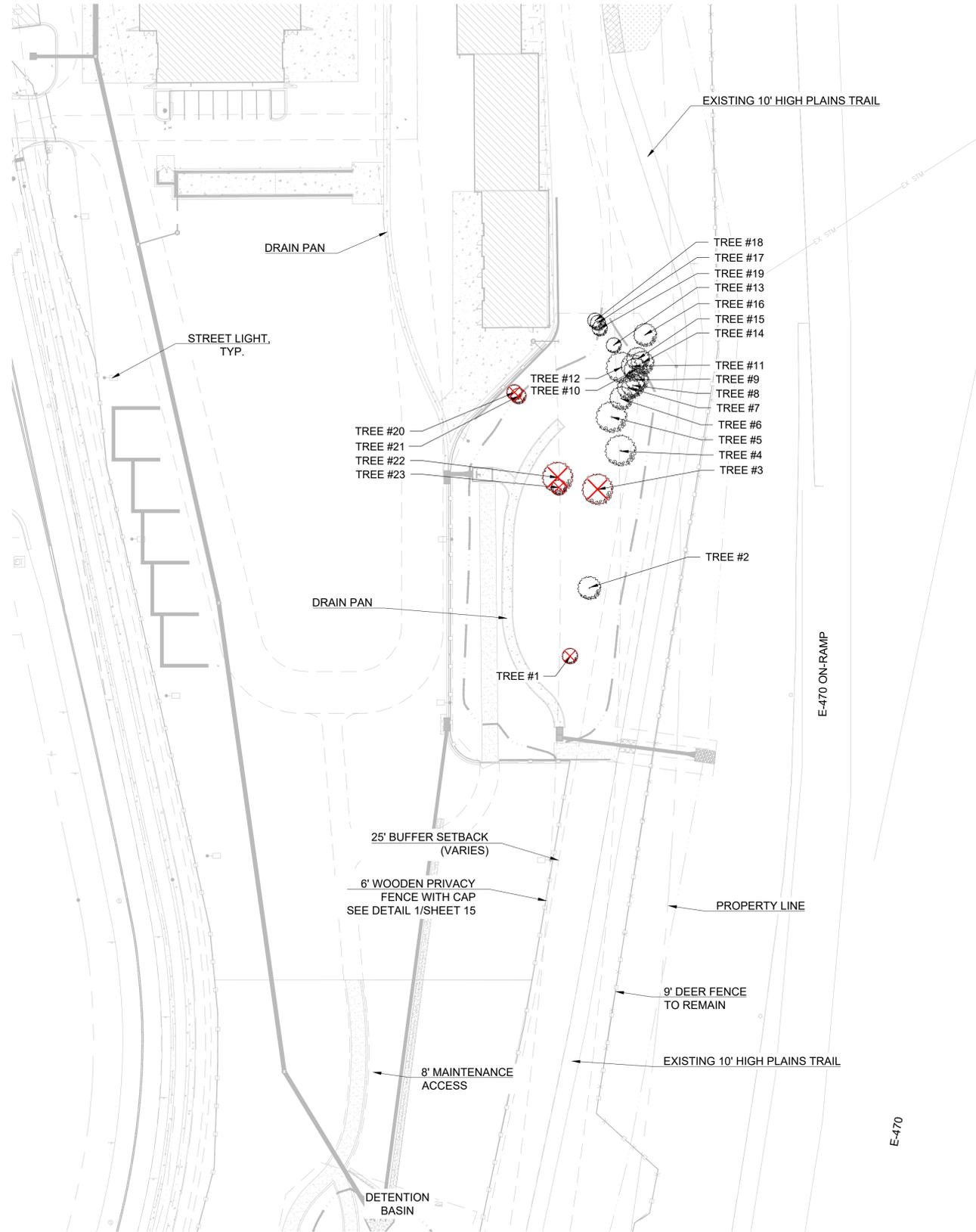
Ameristar's TransPort Ornamental Cantilever Gates are designed to be mounted on posts that are off-set from the fence line. By off-setting the gate posts, the gate will pass between the fence and the mounting posts, keeping it from falling in the event of a track or hardware failure (a requirement of ASTM F2200).

TYPE: TRANSPORT II CANTILEVER GATE			1555 N. Mingo Tulsa, OK 74116 1-888-333-3422 www.ameristarfence.com	
DR: CI	SH: 1 of 1			SCALE: DO NOT SCALE
CK: PB	Date: 6/28/10			REV: C

2 (3) 30' AUTOMATIC AND MANUAL SLIDING GATE WITH APPROVED SIREN OPERATED SYSTEM, KNOX KEY SWITCH AND MANUAL RELEASE
Not To Scale

NOT FOR CONSTRUCTION





E470 CENTRAL MAINTENANCE FACILITY - TREE MITIGATION - EXISTING TREES

TREE #	SIZE (IN.)	SPECIES	MITIGATION INCHES	ESTIMATED VALUE (\$)	REMOVE
1	6.5	SIBERIAN ELM	3	344	X
2	12	PLAINS COTTONWOOD	7	2,110	
3	23	PLAINS COTTONWOOD	16	8,175	X
4	16	PLAINS COTTONWOOD	11	4,074	
5	5.5	PLAINS COTTONWOOD	3	537	
6	6.5	PLAINS COTTONWOOD	4	679	
7	6	PLAINS COTTONWOOD	4	591	
8	7	PLAINS COTTONWOOD	4	814	
9	10	PLAINS COTTONWOOD	7	1,648	
10	7	PLAINS COTTONWOOD	4	733	
11	7	PLAINS COTTONWOOD	4	733	
12	8	PLAINS COTTONWOOD	4	829	
13	10	PLAINS COTTONWOOD	6	1,491	
14	6	PLAINS COTTONWOOD	4	591	
15	10	PLAINS COTTONWOOD	6	1,491	
16	12	PLAINS COTTONWOOD	8	2,221	
17	8	PLAINS COTTONWOOD	5	985	
18	6.5	PLAINS COTTONWOOD	4	679	
19	5.5	PLAINS COTTONWOOD	3	510	
20	4.5	PLAINS COTTONWOOD	3	369	X
21	9	SIBERIAN ELM	5	688	X
22	10	SIBERIAN ELM	5	790	X
23	12	WILLOW SP.	6	1,400	X

E470 CENTRAL MAINTENANCE FACILITY - TREE MITIGATION CHART

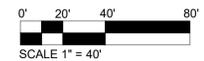
TOTAL TREES	TOTAL INCHES	TOTAL VALUE (\$)
6	38	11,766

LEGEND:

-  EXISTING TREE (APPROXIMATE LOCATIONS)
-  TREE TO BE REMOVED

*ALL EXISTING TREE LOCATIONS ARE APPROXIMATE;
LOCATION AND TREES TO BE REMOVED TO BE UPDATED
WITH FINAL SURVEY

**NOT FOR
CONSTRUCTION**



PLANT SCHEDULE

TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL
	AS	5	Rocky Mountain Glow Maple	Acer grandidentatum 'Schmid' TM	B & B	2.5"Cal
	CS	8	Northern Catalpa	Catalpa speciosa	B & B	2.5"Cal
	CO	5	Common Hackberry	Celtis occidentalis	B & B	2.5"Cal
	GT	29	Thornless Honey Locust	Gleditsia triacanthos f. inermis	B & B	2.5"Cal
	QR	28	Red Oak	Quercus rubra	B & B	2.5"Cal
	UA	21	Accolade Elm	Ulmus x 'Morton' TM	B & B	2.5"Cal
EVERGREEN TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE
	PG	13	Blue Colorado Spruce	Picea pungens 'Glauca'	15 gal	6-8' Tall
	PF	14	Vanderwolf's Pyramid Limber Pine	Pinus flexilis 'Vanderwolf's Pyramid'	B & B	6-8' Tall
	PL	30	Bosnian Pine	Pinus leucodermis	B & B	6-8' Tall
	PN	8	Austrian Pine	Pinus nigra	B & B	6-8' Tall
	PP	9	Ponderosa Pine	Pinus ponderosa	B & B	6-8' Tall
	PS	20	Southwestern White Pine	Pinus strobiformis	B & B	6-8' Tall
ORNAMENTAL TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	CAL
	AF	16	Flame Amur Maple	Acer ginnala 'Flame'	B & B	Multi Trunk
	CA	17	Russian Hawthorn	Crataegus ambigua	B & B	Multi Trunk
	CC	22	Cockspur Hawthorn	Crataegus crus-galli	B & B	Multi Trunk
	MS	11	Spring Snow Crabapple	Malus x 'Spring Snow'	B & B	2.5"Cal
SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	
	AP	112	Panchito Manzanita	Arctostaphylos x coloradensis 'Panchito'	5 gal	
	CB	65	Blue Mist Bluebeard	Caryopteris x clandonensis 'Blue Mist'	5 gal	
	CI	1	Littleleaf Mountain Mahogany	Cercocarpus intricatus	5 gal	
	CT	39	Tom Thumb Cranberry Cotoneaster	Cotoneaster apiculatus 'Tom Thumb'	5 gal	
	CS2	146	Spanish Gold Broom	Cytisus purgans 'Spanish Gold'	5 gal	
	FN	62	New Mexico Privet	Forestiera neomexicana	5 gal	
	HR	31	Sea Buckhorn	Hippophae rhamnoides	5 gal	
	PA	42	Russian Sage	Perovskia atriplicifolia	5 gal	
	RA	59	Fragrant Sumac	Rhus aromatica	5 gal	
	RG	61	Gro-Low Fragrant Sumac	Rhus aromatica 'Gro-Low'	5 gal	
	SP	68	Preston Lilac	Syringa x prestoniae	5 gal	
EVERGREEN SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	
	JS2	46	Spartan Juniper	Juniperus chinensis 'Spartan'	5 gal	
	JA	131	Arcadia Juniper	Juniperus sabina 'Arcadia'	5 gal	
	JS	18	Sea Green Pfitzer Juniper	Juniperus x pfitzeriana 'Sea Green'	5 gal	
ORNAMENTAL GRASSES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	
	AG	24	Big Bluestem	Andropogon gerardii	1 gal	
	PR	36	Purple Fountain Grass	Pennisetum setaceum 'Rubrum'	1 gal	
	SH	35	Prairie Dropseed	Sporobolus heterolepis	1 gal	

LANDSCAPE NOTES

- ALL LANDSCAPED AREAS ARE TO RECEIVE ORGANIC SOIL PREPARATION AT THE RATE OF 3 CY PER 1000 SF FOR SHRUB, ORNAMENTAL GRASS, AND/OR TREE AREAS, 4 CY PER 1000 SF FOR TURF FOR SOD AND/OR SEED AREAS, AND TILLED TO A DEPTH OF 6 INCHES.
- ALL NEW PAVED ROADWAY SURFACES SHALL BE ASPHALT; SIDEWALKS SHALL BE CONCRETE UNLESS OTHERWISE SPECIFIED. THICKNESS WILL BE DETERMINED AS PART OF THE CONSTRUCTION DOCUMENT SUBMITTAL SET AND PROVIDED TO THE CITY ENGINEER IN THE DEFAULT ASPHALT PAVING LETTER.
- ALL UTILITY EASEMENTS 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.
- ALL FIRE HYDRANTS SHALL BE LOCATED NOT LESS THAN THREE FEET-SIX INCHES (3' - 6") AND NOT MORE THAN EIGHT (8') FEET FROM THE BACK OF CURB TO THE CENTER OF THE HYDRANT AND SHALL BE UNOBSTRUCTED ON THE STREET SIDE. MINIMUM CLEARANCE ON ALL OTHER SIDES SHALL BE FIVE FEET (5' - 0").
- ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.
- ALL TREES TO BE PLACED NO LESS THAN TWELVE (12) FEET FROM ALL EXISTING AND PROPOSED FIBER OPTIC LINES, AND TEN (10) FEET FROM ALL OTHER EXISTING AND PROPOSED UTILITIES.

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 OF 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 FORESTRY DIVISION 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 AN 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:
 - A. EQUIPMENT USE AND STORAGE
 - B. MATERIAL DELIVERY OR STORAGE
 - C. VEHICLE TRAFFIC, PARKING USE OR STORAGE
 - D. SPREADING, EXCAVATING, COMPACTING OR STOCKPILING OF SOIL
 - E. CONCRETE WASH-OUT AREAS AND RUN-OFF FROM CONCRETE WASH-OUT AREAS
 - F. FOOT TRAFFIC
 - G. 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 \$100 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 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 \$100 PER BRANCH AS MY BE DETERMINED BY THE CONSTRUCTION MANAGER OR HIS FORESTRY CONSULTANT. LIMB REMOVAL AND ALL OTHER APPROVED PURNING 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.

CHARTS AND TABLES

STREET FRONTAGE BUFFER TABLE

	BUFFER WIDTH:		LINEAR FEET:	LANDSCAPE REQUIRED:		LANDSCAPE PROVIDED:	
	REQUIRED	PROVIDED		TREES	SHRUBS	TREES	SHRUBS
VALDAI STREET: STREET FRONTAGE BUFFER	10'	10' (VARIES)	1,767'	43 (1 PER 40 LF)	442 (1 PER 40 SF)	48	428*
E. STEPHEN D. HOGAN: STREET FRONTAGE BUFFER	25'	25'	530'	13 (1 PER 40 LF)	132 (1 PER 40 SF)	32	83**

- * 5 ADDITIONAL TREES ARE BEING PROVIDED AS SHRUB SUBSTITUTES
- ** 12 ADDITIONAL TREES ARE BEING PROVIDED AS SHRUB SUBSTITUTES

NON-STREET PERMITER BUFFER TABLE

	BUFFER WIDTH:		LINEAR FEET:	LANDSCAPE REQUIRED:		LANDSCAPE PROVIDED:	
	REQUIRED	PROVIDED		TREES	SHRUBS	TREES	SHRUBS
SOUTHERN PROPERTY ADJACENT BUFFER	20'	20'	340'	9 (1 PER 40 LF)	43 (1 PER 40 SF)	10	43

SPECIAL LANDSCAPE BUFFER TABLE

	BUFFER WIDTH:		LINEAR FEET:	LANDSCAPE REQUIRED:		LANDSCAPE PROVIDED:	
	REQUIRED	PROVIDED		TREES	SHRUBS	TREES	SHRUBS
E-470: STREET FRONTAGE BUFFER	25'	25' MIN. (VARIES)	1,644'	66 (1 PER 40 LF)	657 (1 PER 40 SF)	126	72*

- * 60 ADDITIONAL TREES ARE BEING PROVIDED AS SHRUB SUBSTITUTES

DETENTION LANDSCAPE REQUIREMENTS

DETENTION BASIN:	AREA IN SF:	%
TOTAL AREA	41,294	100%
DETENTION POND (ELEVATION: 5527)	36,353	88%
LANDSCAPE AREA AT POND (ABOVE 100 YR STORM ELEV.)	4,941	12%

	AREA IN SF:	REQUIRED:	PROVIDED:
TOTAL LANDSCAPE AT POND			
TREE REQUIREMENT	4,941	1 (1 PER 4000 SF)	7
SHRUB REQUIREMENT	4,941	12 (10 PER 4000 SF)	0*

- * 6 ADDITIONAL TREES ARE BEING PROVIDED AS SHRUB SUBSTITUTES

SOD VARIETY

SOD SHALL BE RTF (U.S. PATENT NO. 6,677,507) AS PRODUCED BY MEMBERS OF THE RTF TURF PRODUCERS ASSOCIATION. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL PROVIDE WRITTEN SUBMITTAL WITH VERIFICATION FROM THE RTF TURF PRODUCERS ASSOCIATION THAT THE SELECTED LOCAL GROWER IS LICENSED TO PRODUCE AND SELL RTF SOD. IN ADDITION, AN **RTF SOD CERTIFICATE** FROM THE ASSOCIATION VERIFYING THE AUTHENTICITY OF THE SOD SHALL BE PROVIDED WITH EACH DELIVERY. DELIVERIES WITHOUT THE CERTIFICATE WILL BE REJECTED. **NO SUBSTITUTIONS OF SOD WILL BE ACCEPTED.**

R.O.W. LANDSCAPE TABLE

RIGHT OF WAY	LINEAR FEET:	LANDSCAPE REQUIRED:		LANDSCAPE PROVIDED:	
		TREES	SHRUBS	TREES	SHRUBS
VALDAI STREET	1,608	40 (1 PER 40 LF)	322 (1 PER 40 SF)	39*	322
STEPHEN D. HOGAN**	470	12 (1 PER 40 LF)	105 (1 PER 40 SF)	12	121

- * ONE TREE REMOVED TO CREATE ENTRY LANDSCAPE DESIGN, ONE TREE REMOVED FOR STREET LIGHT PLACEMENT
- ** STEPHEN D. HOGAN R.O.W. LANDSCAPING BASED ON PROPOSED FUTURE R.O.W. CONDITION, SUBJECT TO CHANGE

BUILDING PERIMETER LANDSCAPING TABLE

ELEVATION (DIRECTION FACING)	ELEVATION LENGTH (LINEAR FEET)	TREE EQUIVALENT REQUIRED (1 TREE EQUIVALENT EVERY 40 LF)	LANDSCAPE PROVIDED:	
			TREES	SHRUBS
NORTH - R.O.W.	140	3	3	4
WEST - R.O.W.	185	4	1	90
SOUTH - RES.	80	2	N/A	8
EAST - R.O.W.	215	5	17	16

 +/- 23,700 SF RTF SOD

 +/- 6,000 SF ROCK MULCH 1.5"-3" DIA.

 +/- 1,700 SF GRANITE CHIP MULCH

 +/- 3,500 SF COBBLE MULCH 3"-6" DIA.

 +/- 3,100 LF STEEL EDGER

 +/- 156,000 SF NATIVE SEED MIX

SEED MIX
 Arkansas Valley Seed - Multi-Color High Altitude Mix:
 30% Ephraim Crested Wheatgrass
 25% Sheep Fescue
 15% Perennial Rye
 15% Chewings Fescue
 10% Canada Bluegrass
 5% SHREDDED CEDAR/Ry Mountain Wildflower Mix

CONTACT INFO FOR THE NAME OF A LOCAL GROWER:
 RTF TURF PRODUCERS ASSOCIATION
 P.O. BOX 202
 MEAD, NE 68041
 PH: 402-624-6385
 E-MAIL: INFO@RTFSOD.COM
 WWW.RTFSOD.COM

NOT FOR CONSTRUCTION

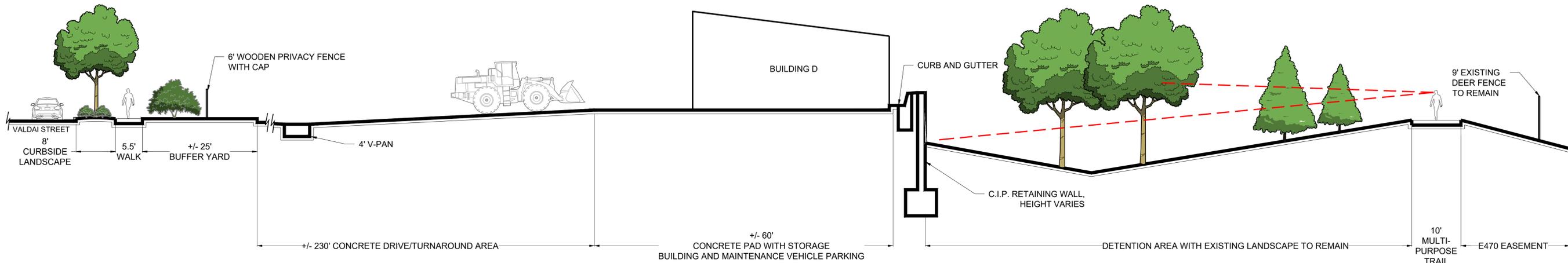


**E-470 PUBLIC HIGHWAY AUTHORITY
 CENTRAL MAINTENANCE FACILITY
 22470 E 6TH PARKWAY AURORA, COLORADO 80018**



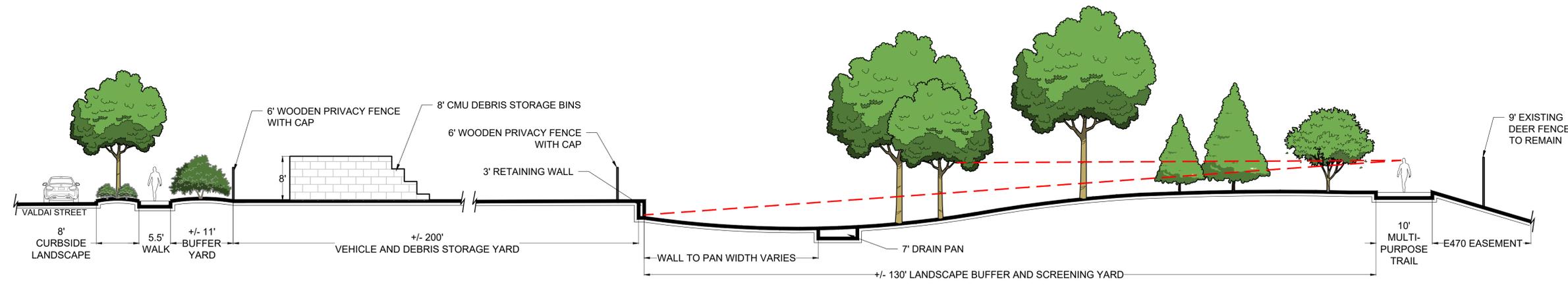
LANDSCAPE NOTES

SHEET 17 OF 30



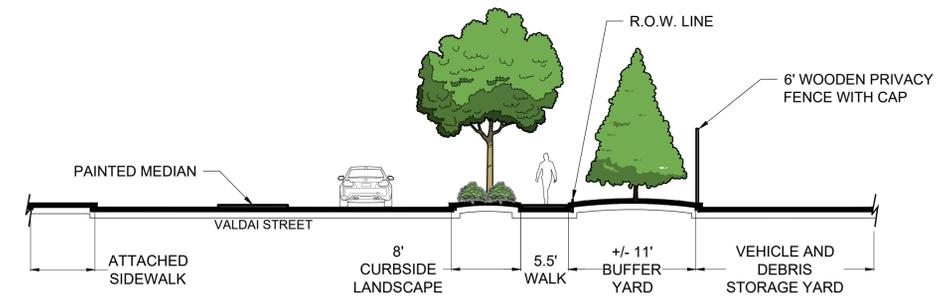
1 SECTION 'A' (SUBJECT TO CHANGE UPON FINAL GRADING PLANS)

SCALE: 1" = 10'



2 SECTION 'B' (SUBJECT TO CHANGE UPON FINAL GRADING PLANS)

SCALE: 1" = 10'

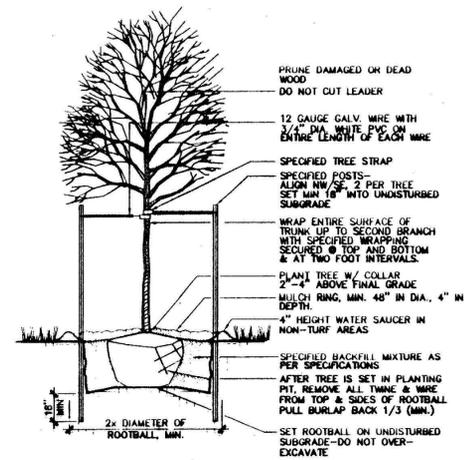


3 SECTION 'C' (SUBJECT TO CHANGE UPON FINAL GRADING PLANS)

SCALE: 1" = 10'

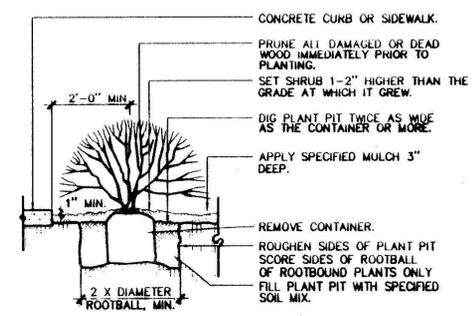
* SECTIONS ARE CONCEPTUAL, FOR REPRESENTATIVE PURPOSES ONLY; SUBJECT TO CHANGE

**NOT FOR
CONSTRUCTION**



- TREE WRAP - THE CONTRACTOR WILL WRAP EACH TREE IN CREPE NURSERY WRAP, SPIRALLY APPLIED WITH ONE (1) INCH OVERLAP AND DOUBLE WRAPPED AT TOP AND BOTTOM, AS MANUFACTURED BY KRAFT OR 3M. WATERPROOF TAPE WILL BE USED TO HOLD THE WRAP IN PLACE.
- RESETTING OF IMPROPERLY PLANTED TREES WILL ONLY BE ALLOWED IF IT IS DETERMINED THAT DOING SO WILL IN NO WAY COMPROMISE THE ROOT BALL, AND SHALL ONLY BE DONE WITH APPROVAL OF THE TOWN ARBORIST.

1 TYPICAL TREE PLANTING DETAIL
Not To Scale



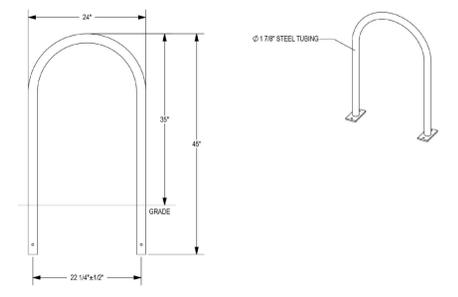
NOTE: ANY BROKEN OR CRUMBLING ROOTBALL WILL BE REJECTED. REMOVING THE CONTAINERS WILL NOT BE AN EXCUSE FOR DAMAGED ROOTBALLS.

NOTE: HOLD GRADE 1" BELOW EDGE OF WALK OR CURB

2 TYPICAL SHRUB/ORNAMENTAL GRASS PLANTING DETAIL
Not To Scale



MADRAX DIVISION
GRABER MANUFACTURING, INC.
1000 LINDSEY DRIVE
WALUNGA, IL 62457
PH: (618) 448-7931, (618) 448-7930, (618) 448-7931
WWW.MADRAX.COM, E-MAIL: SALES@MADRAX.COM



PRODUCT: (04485) BIKE RACK
DESCRIPTION: 1) BIKE RACK
DATE: 10-4-18
SHEET: 945

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NOTE: 1) INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2) CONSULT TOWN TO SELECT COLOR (FINISH). SET MANUFACTURER'S SPECIFICATIONS.
3) SEE SITE PLAN OR LOCATION FOR CORRELL DRAWING.

3 BIKE RACKS
Not To Scale



NOTES:
1. SEE PLANS FOR BENCH LOCATIONS
2. BENCHES TO BE WABASH VALLEY URBANSCAPE, WOODRIDGE COLLECTION 6' BENCH WITH BACK AND ARMS, MODEL: WO1112S
3. BENCH TO HAVE FAUX-WOOD PATTERN.
4. ALL BENCHES TO BE SURFACE MOUNTED ON CONCRETE PAD, PER MANUFACTURERS RECOMMENDATIONS.

BENCH COLOR: ESPRESSO
LEG COLOR: MOCCASIN

4 6' BENCH DETAIL
Not To Scale



NOTES:
1. SEE PLANS FOR TABLE LOCATIONS
2. PICNIC TABLE TO BE WABASH VALLEY, PORTAGE COLLECTION 6' PICNIC TABLE, MODEL: PODN31C
3. TRASH RECEPTACLE TO HAVE SOLID BONNET LID WITH SLAT PATTERN.
4. PICNIC TABLES TO BE SURFACE MOUNTED ON CONCRETE, PER MANUFACTURERS RECOMMENDATIONS.

TABLE TOP COLOR: SMOKE
LEG COLOR: SMOKE
SEAT COLOR: SMOKE

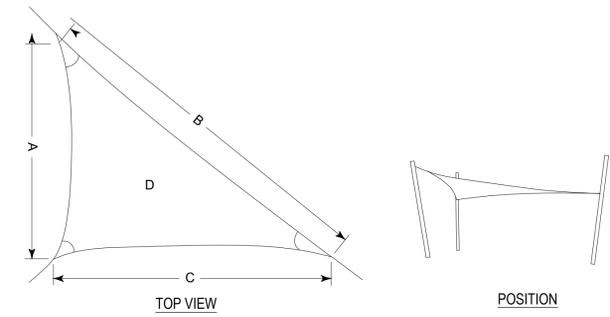
5 SURFACE MOUNTED TABLE DETAIL



NOTES:
1. SEE PLANS FOR TRASH RECEPTACLE LOCATIONS
2. TRASH RECEPTACLE TO BE WABASH VALLEY URBANSCAPE, WOODRIDGE COLLECTION 32 GALLON WITH LINER, MODEL: WO3B39S
3. TRASH RECEPTACLE TO HAVE SOLID BONNET LID WITH SLAT PATTERN.
4. ALL TRASH RECEPTACLES TO BE SURFACE MOUNTED ON CONCRETE PAD, PER MANUFACTURERS RECOMMENDATIONS.

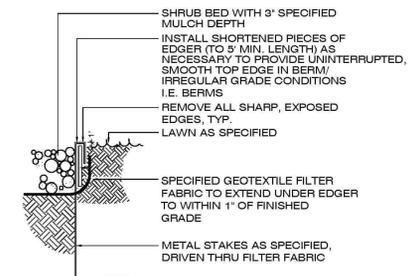
CAN COLOR: ESPRESSO
LID COLOR: MOCCASIN

6 WASTE RECEPTACLE DETAIL
Not To Scale



NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. ALL IMPERIAL DIMENSIONS ARE METRIC CONVERSIONS AND HAVE BEEN ROUNDED TO THE NEAREST 1". IF EXACT DIMENSIONS ARE REQUIRED, SEE THE UMBROSA METRIC DIMENSIONS.
3. DO NOT SCALE DRAWING.
4. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
5. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

7 SHADE SAIL DETAIL
Not To Scale



NOTE:
SET ALL EDGING 1" ABOVE FINISH GRADE AS SHOWN. EDGING SHALL ABUT ALL CONCRETE CURBS AND WALKS PERPENDICULAR, AND FLUSH WITH GRADES OF CONCRETE. ALL JOINTS TO BE SECURELY STAKED.

8 STEEL EDGER
Not To Scale



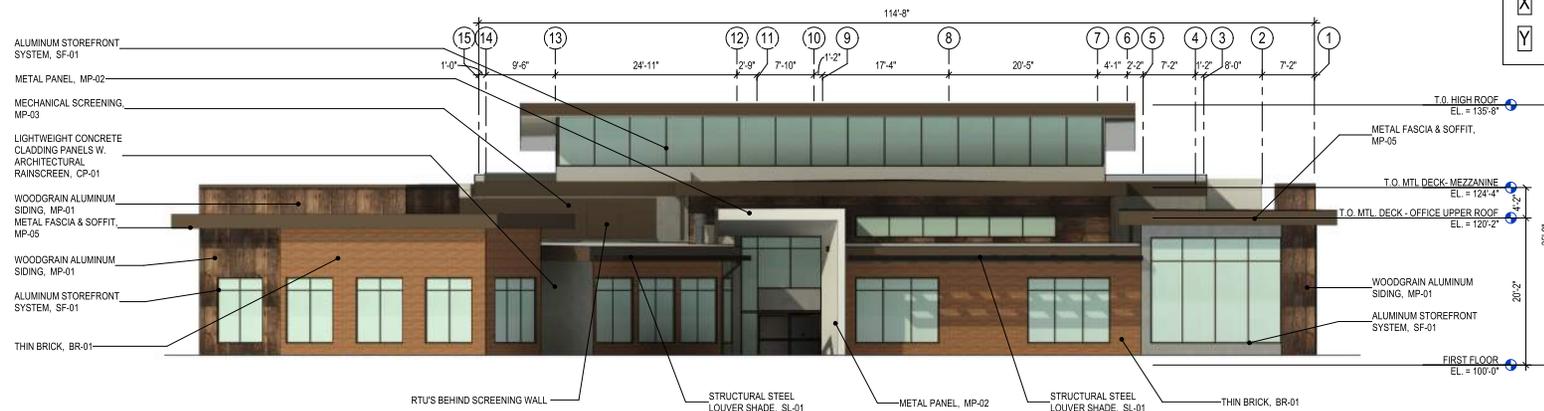
NOT FOR CONSTRUCTION

MATERIALS LEGEND

LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE
	BR-01 THIN BRICK	BASALITE	COPPERSTONE	GROUND FACE	5,039 SF	23%		CP-01 LIGHTWEIGHT CONCRETE CLADDING PANELS W/ ARCHITECTURAL RAINSCREEN	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	1,891 SF	08%
	MP-01 WOODGRAIN ALUMINUM SIDING	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN, ALUMINUM SIDING	2,235 SF	10%		PCC-01 PRE-CAST CONCRETE PANEL	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	5,276 SF	24%
	MP-02 METAL PANEL	METAL SALES	WHITE	SMOOTH	2932 SF	13%		SSMR-01 STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED		
	MP-03 METAL SCREEN PANEL	METAL SALES	DARK BRONZE	SMOOTH	888 SF	04%		SF-01 ALUMINUM STOREFRONT AND GLAZING FRAMING SYSTEM	KAWNEER	ANODIZED MEDIUM BRONZE	SMOOTH	3,921 SF	18%
	MP-04 PARAPET CAP	METAL SALES	DARK BRONZE	SMOOTH				SL-01 METAL SHADE	ANY	DARK BRONZE	POWDER COAT		
	MP-05 METAL FASCIA/ SOFFIT	METAL SALES	DARK BRONZE	SMOOTH				PT-01 EXTERIOR PAINT - OVERHEAD DOORS/PERSONNEL DOORS	SHEWIN WILLIAMS	GRAY	MATTE FINISH		

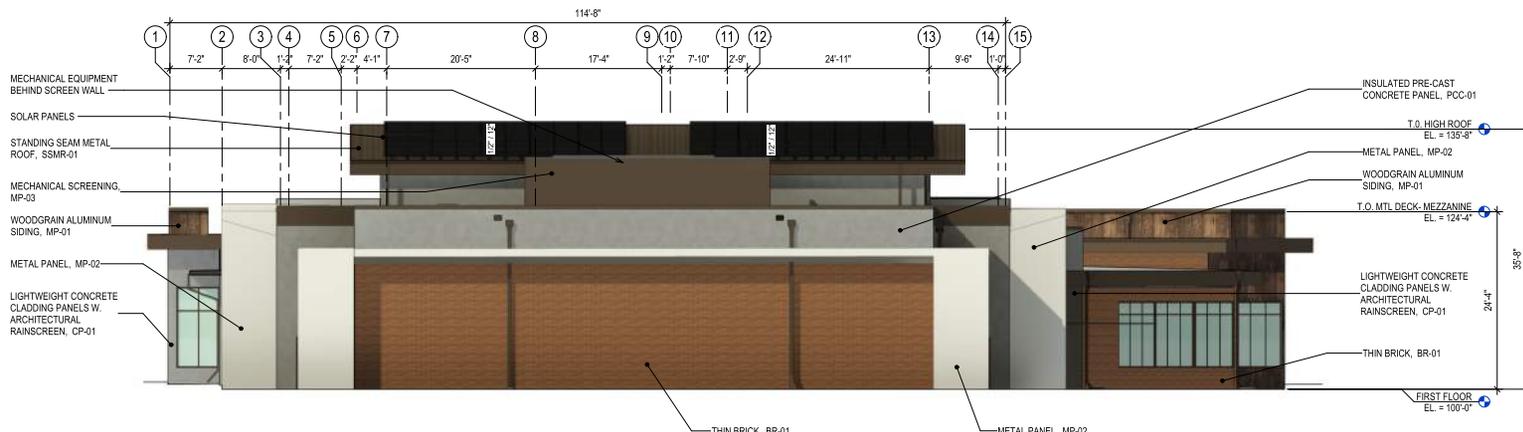
LEGEND

- KNOX BOX WITH APPROVED HARDWARE
- FDC WITH APPROVED KNOX CAPS



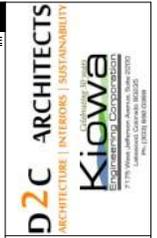
1 | BUILDING A - ELEVATION - NORTH

SDP 1 | 1/8" = 1'-0"



2 | BUILDING A - ELEVATION - SOUTH

SDP 1 | 1/8" = 1'-0"



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CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO**

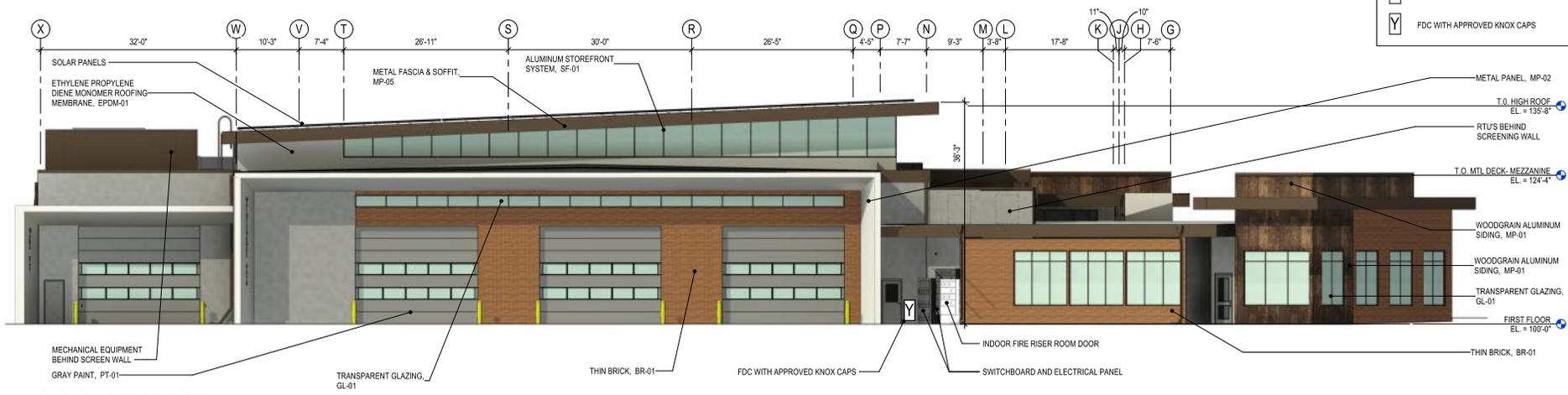
**BUILDING A
NORTH / SOUTH
ELEVATIONS
SHEET 20 OF 30**

MATERIALS LEGEND

LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE
	BR-01 THIN BRICK	BASALITE	COPPERSTONE	GROUND FACE	5,039 SF	23%		CP-01 LIGHTWEIGHT CONCRETE CLADDING PANELS W/ ARCHITECTURAL RAINSCREEN	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	1,891 SF	08%
	MP-01 WOODGRAIN ALUMINUM SIDING	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN, ALUMINUM SIDING	2,235 SF	10%		PCC-01 PRE-CAST CONCRETE PANEL	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	5,276 SF	24%
	MP-02 METAL PANEL	METAL SALES	WHITE	SMOOTH	2932 SF	13%		SMSR-01 STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED		
	MP-03 METAL SCREEN PANEL	METAL SALES	DARK BRONZE	SMOOTH	888 SF	04%		SF-01 ALUMINUM STOREFRONT AND GLAZING FRAMING SYSTEM	KAWNEER	ANODIZED MEDIUM BRONZE	SMOOTH	3,921 SF	18%
	MP-04 PARAPET CAP	METAL SALES	DARK BRONZE	SMOOTH				SL-01 METAL SHADE	ANY	DARK BRONZE	POWDER COAT		
	MP-05 METAL FASCIA/ SOFFIT	METAL SALES	DARK BRONZE	SMOOTH				PT-01 EXTERIOR PAINT - OVERHEAD DOORS/PERSONNEL DOORS	SHEWIN WILLIAMS	GRAY	MATTE FINISH		

LEGEND

- KNOX BOX WITH APPROVED HARDWARE
- FDC WITH APPROVED KNOX CAPS



1 | BUILDING A - ELEVATIONS - EAST
SDP 2 | 1/8" = 1'-0"



2 | BUILDING A - ELEVATIONS - WEST
SDP 2 | 1/8" = 1'-0"



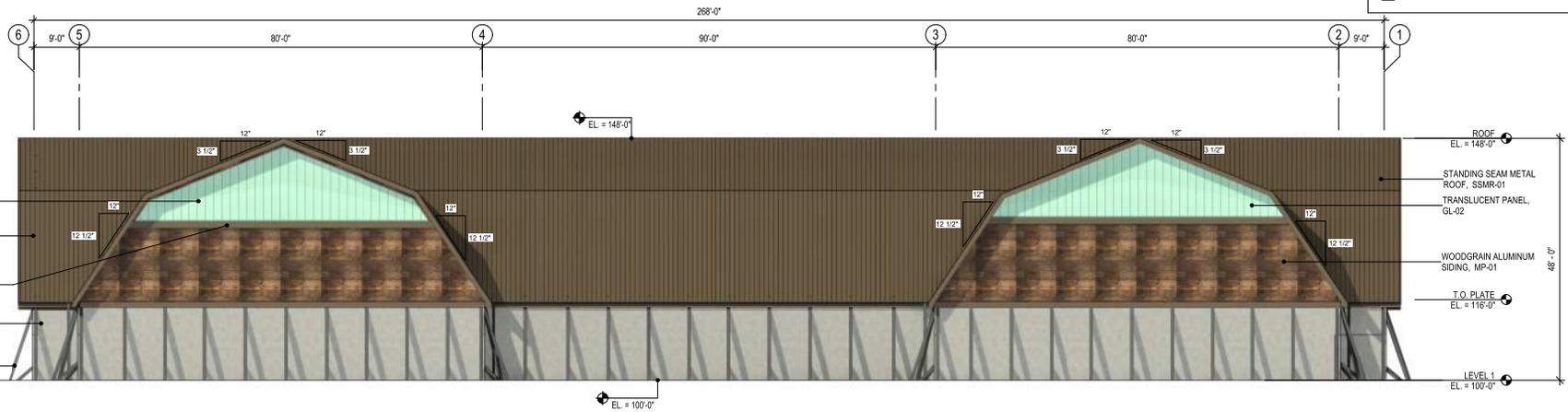
**E-470 PUBLIC HIGHWAY AUTHORITY
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22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO**

MATERIALS LEGEND

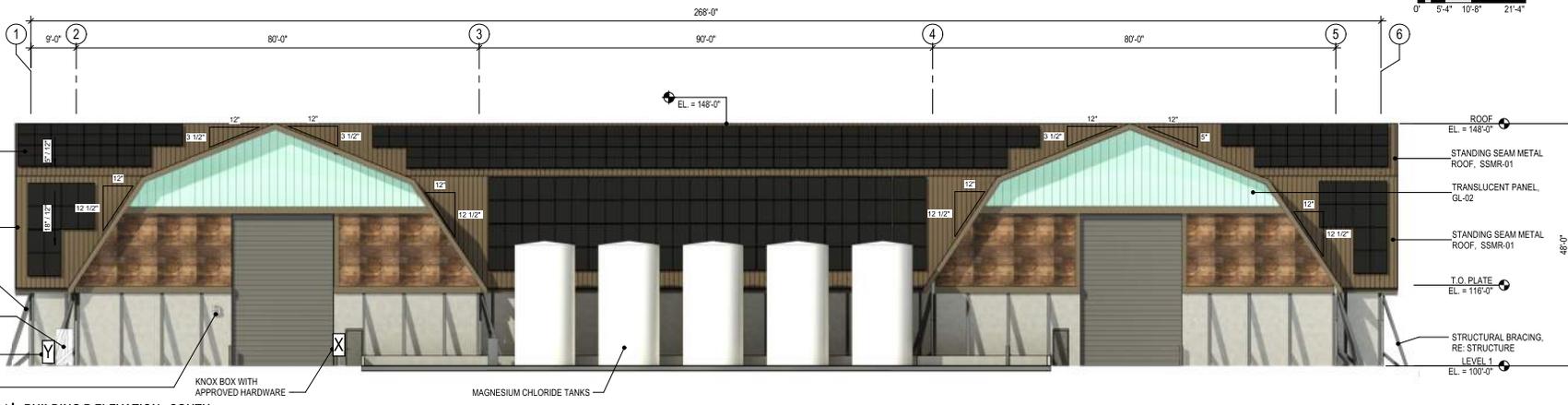
LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE		
	GL-02	TRANSLUCENT PANEL	DALYTE	GREEN	SMOOTH	4,602 SF	22%		MP-05	METAL FASCIA/ SOFFIT	METAL SALES	DARK BRONZE	SMOOTH		
	MP-01	WOODGRAIN ALUMINUM SIDING	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN ALUMINUM SIDING	5,964 SF	28%		MP-06	METAL TRIM	METAL SALES	DARK BRONZE	SMOOTH		
	PT-01	EXTERIOR PAINT - OVERHEAD DOORS/PERSONNEL DOORS	SHERWIN WILLIAMS	GRAY	MATTE FINISH				PCC-01	LIGHTWEIGHT CONCRETE CLADDING PANELS W/ ARCHITECTURAL RAINSCREEN	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	10,816 SF	50%
	AL-01	EXTRUDED ALUMINUM EXTERIOR BUILDING IDENTIFICATION	METAL SALES	ANODIZED ALUMINUM	SMOOTH				SSMR-01	STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED		

LEGEND

- KNOX BOX WITH APPROVED HARDWARE
- FDC WITH APPROVED KNOX CAPS



2 | BUILDING B - ELEVATION - NORTH
SDP 1 | 3/32" = 1'-0"

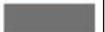


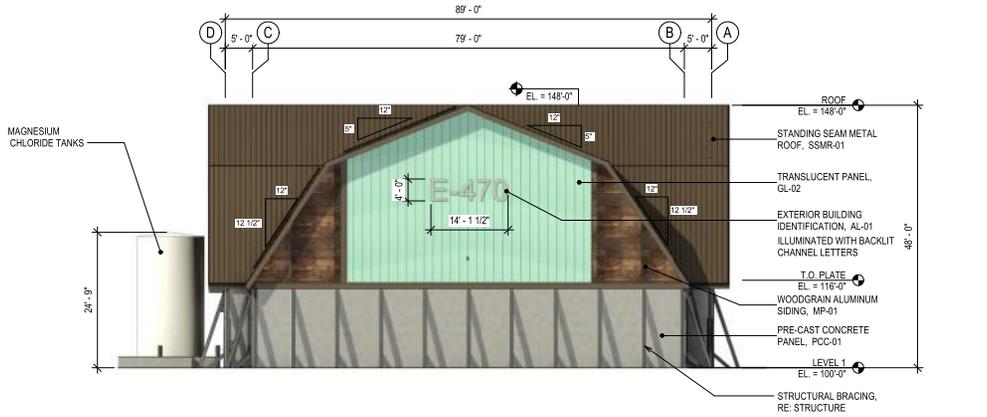
1 | BUILDING B ELEVATION - SOUTH
SDP 1 | 3/32" = 1'-0"



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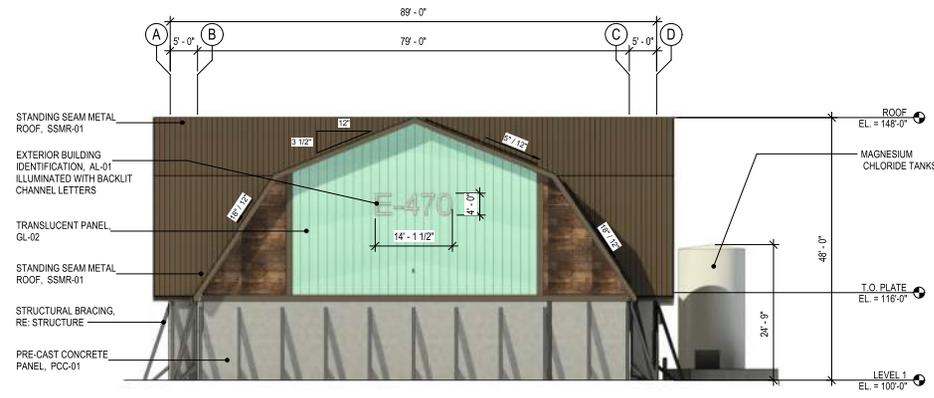
MATERIALS LEGEND

LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE
	GL-02 TRANSLUCENT PANEL	DALYTE	GREEN	SMOOTH	4,602 SF	22%		MP-05 METAL FASCIA/ SOFFIT	METAL SALES	DARK BRONZE	SMOOTH		
	MP-01 WOODGRAIN ALUMINUM SIDING	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN ALUMINUM SIDING	5,964 SF	28%		MP-06 METAL TRIM	METAL SALES	DARK BRONZE	SMOOTH		
	PT-01 EXTERIOR PAINT - OVERHEAD DOORS/PERSONNEL DOORS	SHERWIN WILLIAMS	GRAY	MATTE FINISH				PCC-01 LIGHTWEIGHT CONCRETE CLADDING PANELS W/ ARCHITECTURAL RAINSCREEN	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	10,816 SF	51%
	AL-01 EXTRUDED ALUMINUM EXTERIOR BUILDING IDENTIFICATION	METAL SALES	ANODIZED ALUMINUM	SMOOTH				SSMR-01 STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED		



1 | BUILDING B - ELEVATION - EAST

SDP 2 | 3/32" = 1'-0"



2 | BUILDING B - ELEVATION - WEST

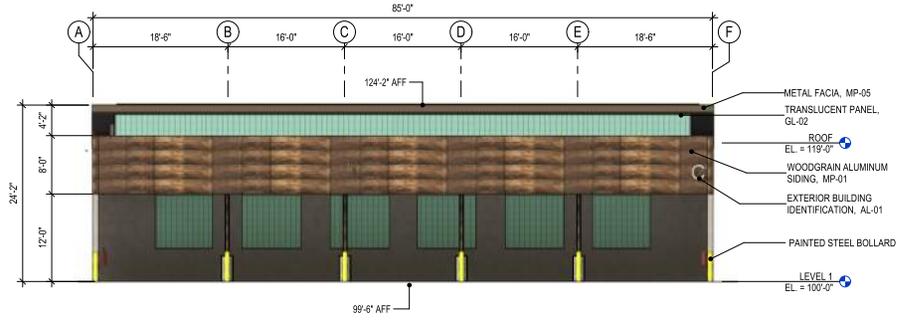
SDP 2 | 3/32" = 1'-0"



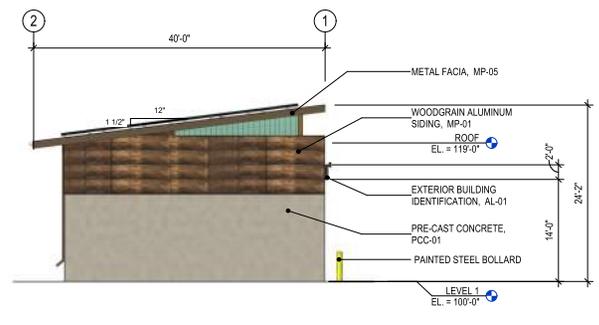
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MATERIALS LEGEND

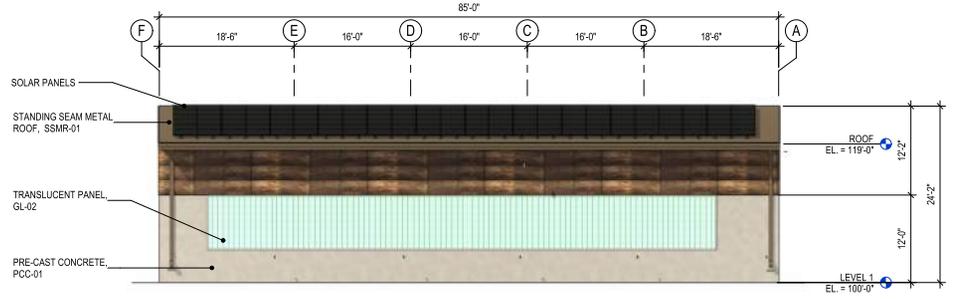
LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	SQUARE FOOTAGE	PERCENTAGE	
	GL-02	DALYTE	GREEN	SMOOTH	968 SF	22%		MP-04	PARAPET CAP	METAL SALES	DARK BRONZE	SMOOTH		
	MP-01	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN ALUMINUM SIDING	2,010 SF	45%		MP-05	METAL FASCIA SOFFIT	METAL SALES	DARK BRONZE	SMOOTH		
	AL-01	METAL SALES	ANODIZED ALUMINUM	SMOOTH				PCC-01	PRE-CAST CONCRETE	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH	1,455 SF	33%
								SSMR-01	STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED		



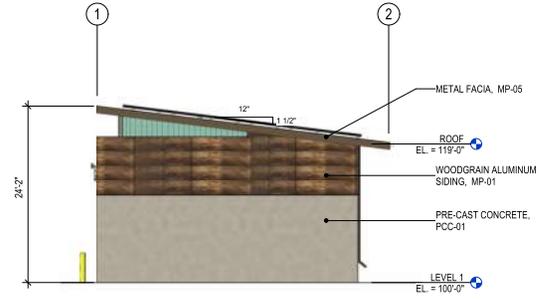
1 | BUILDING C - ELEVATION - WEST
SDP | 1/8" = 1'-0"



3 | BUILDING C - ELEVATION - NORTH
SDP | 1/8" = 1'-0"



2 | BUILDING C - ELEVATION - EAST
SDP | 1/8" = 1'-0"



4 | BUILDING C - ELEVATION - SOUTH
SDP | 1/8" = 1'-0"

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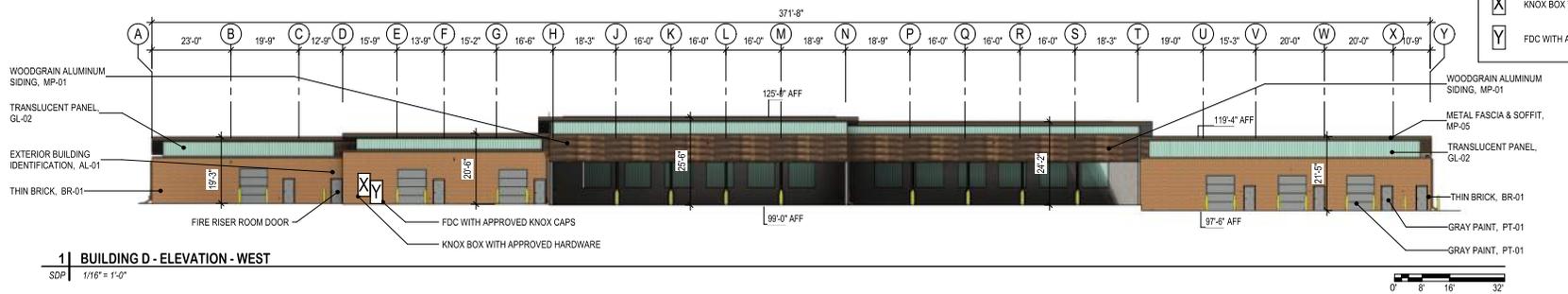
BUILDING C
ELEVATIONS

MATERIALS LEGEND

LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE	LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE
	BR-01 THIN BRICK	BASALITE	COPPERSTONE	GROUND FACE		MP-04 PARAPET CAP	METAL SALES	DARK BRONZE	SMOOTH
	GL-02 TRANSLUCENT PANEL	DALYTE	GREEN	SMOOTH		MP-05 METAL FASCIA & SOFFIT	METAL SALES	DARK BRONZE	SMOOTH
	MP-01 WOODGRAIN ALUMINUM SIDING	LONGBOARD	DARK NATIONAL WALNUT	WOODGRAIN, ALUMINUM SIDING		PCC-01 PRE-CAST CONCRETE	ARCIS	CONCRETE, GRAY	PRE-CAST, SMOOTH
	PT-01 EXTERIOR PAINT - OVERHEAD DOORS/PERSONNEL DOORS	SHERWIN WILLIAMS	GRAY	MATTE FINISH		SSMR-01 STANDING SEAM METAL ROOF	METAL SALES	MEDIUM BRONZE	RIBBED

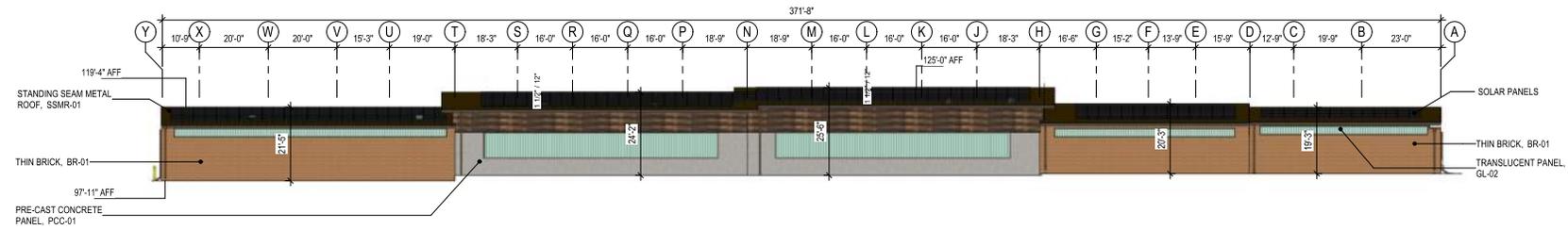
LEGEND

- KNOX BOX WITH APPROVED HARDWARE
- FDC WITH APPROVED KNOX CAPS



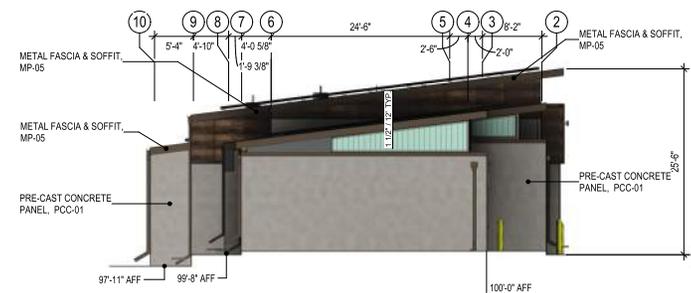
1 | BUILDING D - ELEVATION - WEST

SDP | 1/16" = 1'-0"



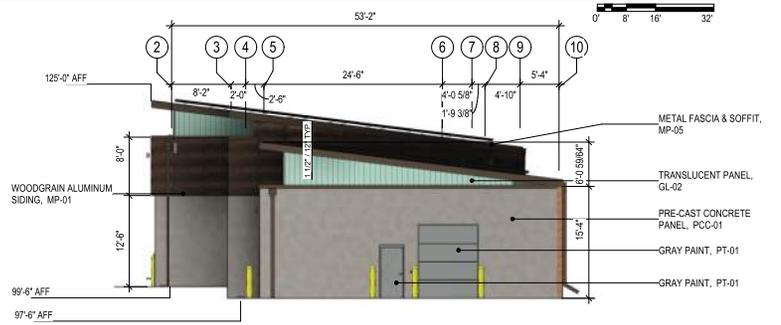
2 | BUILDING D - ELEVATION - EAST

SDP | 1/16" = 1'-0"



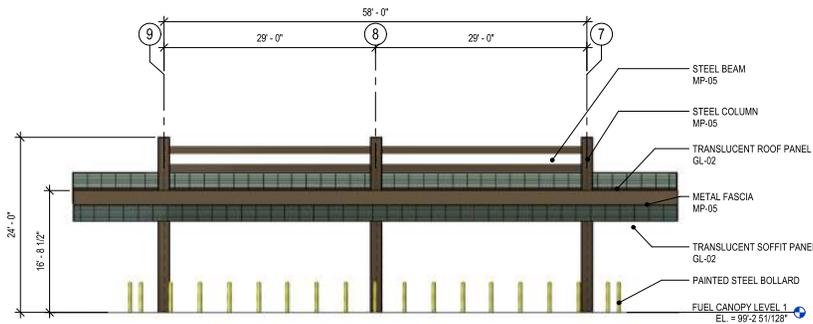
3 | BUILDING D - ELEVATION - NORTH

SDP | 1/8" = 1'-0"



4 | BUILDING D - ELEVATION - SOUTH

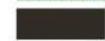
SDP | 1/8" = 1'-0"

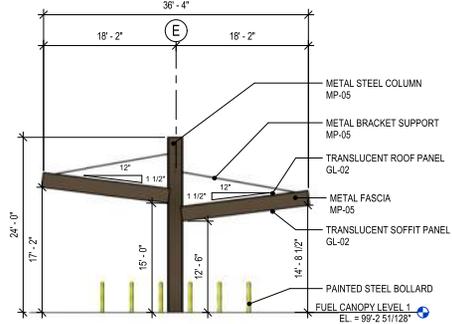


1 | FUEL CANOPY- ELEVATION - NORTH
SDP 3 | 1/8" = 1'-0"

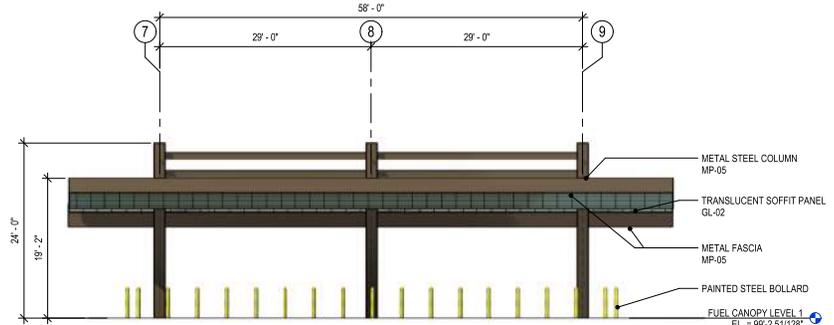


MATERIALS LEGEND

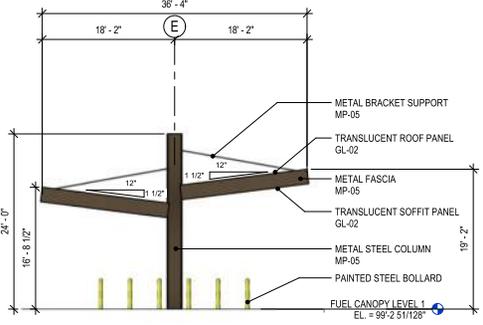
LEGEND	DESCRIPTION	MANUFACTURER	COLOR	TEXTURE
	GL-02 TRANSLUCENT PANEL	DALYTE	GREEN AR MATTE	MATTE
	MP-05 METAL BEAMS, COLUMNS, & BRACKETS	METAL SALES	DARK BRONZE	SMOOTH



4 | FUEL CANOPY- ELEVATION - EAST
SDP 3 | 1/8" = 1'-0"

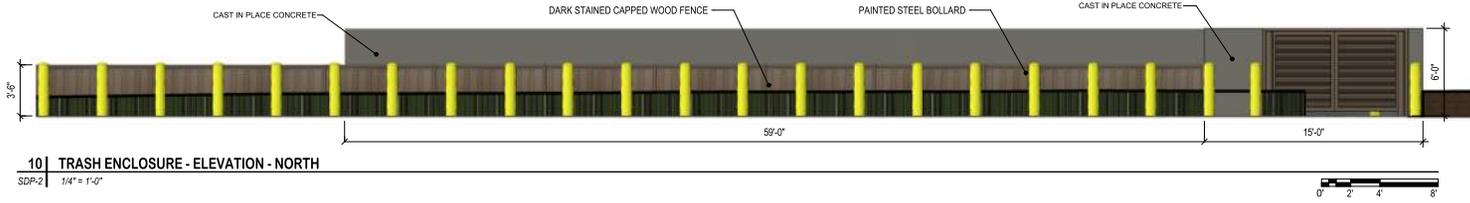


3 | FUEL CANOPY- ELEVATION - SOUTH
SDP 3 | 1/8" = 1'-0"

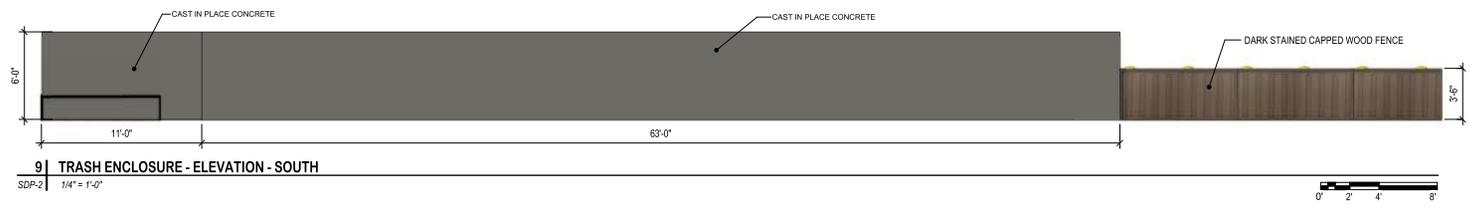


2 | FUEL CANOPY- ELEVATION - WEST
SDP 3 | 1/8" = 1'-0"

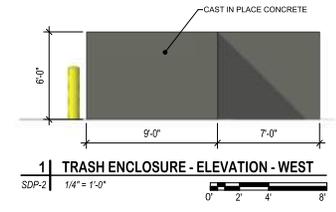




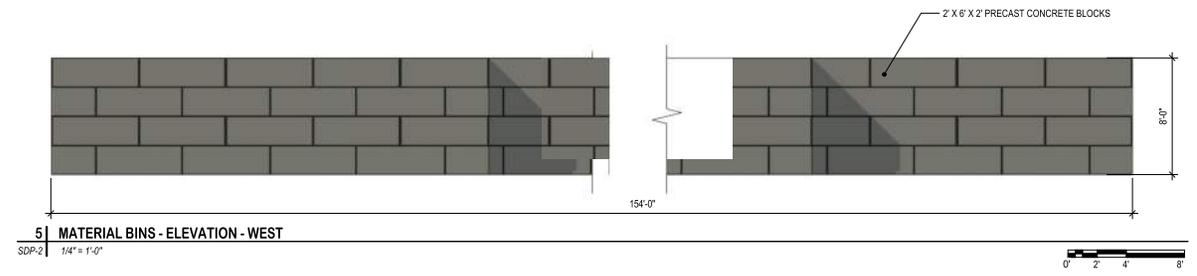
10 | TRASH ENCLOSURE - ELEVATION - NORTH
 SDP-2 | 1/4" = 1'-0"



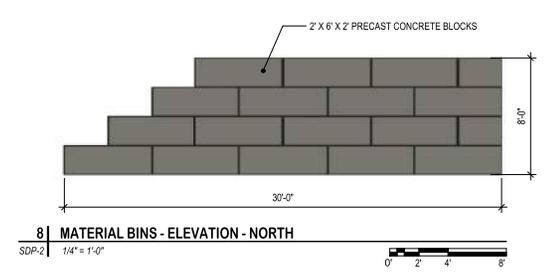
9 | TRASH ENCLOSURE - ELEVATION - SOUTH
 SDP-2 | 1/4" = 1'-0"



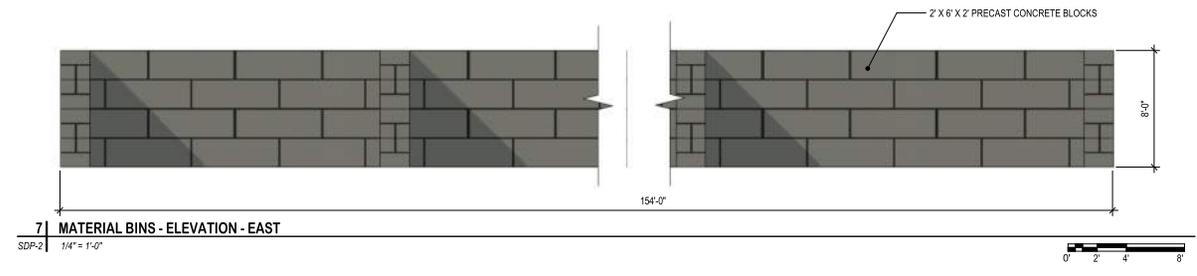
1 | TRASH ENCLOSURE - ELEVATION - WEST
 SDP-2 | 1/4" = 1'-0"



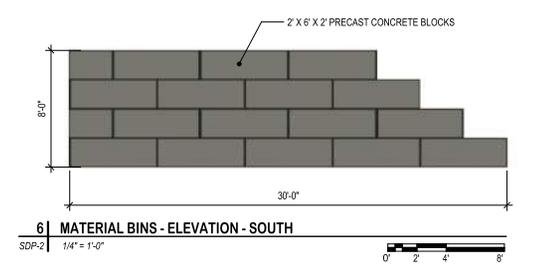
5 | MATERIAL BINS - ELEVATION - WEST
 SDP-2 | 1/4" = 1'-0"



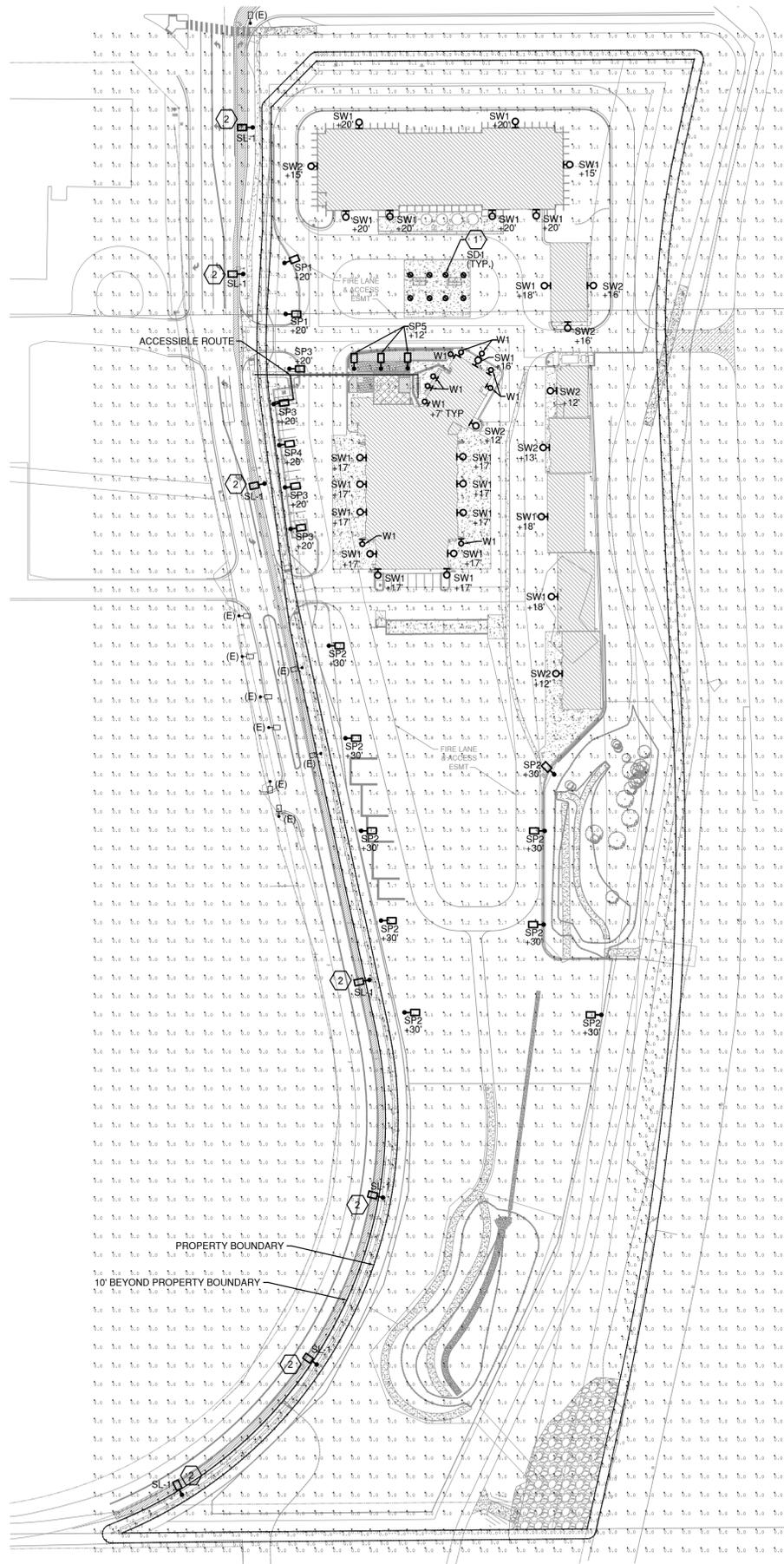
8 | MATERIAL BINS - ELEVATION - NORTH
 SDP-2 | 1/4" = 1'-0"



7 | MATERIAL BINS - ELEVATION - EAST
 SDP-2 | 1/4" = 1'-0"



6 | MATERIAL BINS - ELEVATION - SOUTH
 SDP-2 | 1/4" = 1'-0"



KEY NOTES (THIS SHEET)

- FUEL CANOPY LUMINAIRE IS MOUNTED RECESSED IN THE BOTTOM OF FUEL CANOPY.
- PROPOSED STREET LIGHT LOCATIONS ARE CONCEPTUAL. FINAL LOCATIONS WILL BE DETERMINED WITH PHOTOMETRIC ANALYSIS SUBMITTED WITH THE STREET LIGHTING PLANS IN THE CIVIL PLAN SUBMITTAL.

GENERAL NOTES (THIS SHEET)

- NO SUBSTITUTIONS, ADDITIONS, OR CHANGES MAY BE MADE WITHOUT PRIOR APPROVAL BY THE CITY OF AURORA.
- ALL CALCULATIONS ARE DONE WITH A LIGHT LOSS FACTOR OF 0.9.
- ALL CALCULATIONS POINTS ARE AT GRADE.
- ANY PROPOSED LIGHT FIXTURES INSTALLED ON PRIVATE PROPERTY ADJACENT TO THE RIGHT-OF-WAY, SHALL BE ORIENTED IN SUCH A MANNER OR LIMITED IN LUMEN OUTPUT TO PREVENT GLARE PROBLEMS AND SHALL NOT EXCEED NATIONAL IES LIGHTING STANDARDS FOR DISABILITY GLARE.
- ALL LUMINAIRES TO BE FULL CUTOFF, UNO.
- INTERNAL SIDEWALKS SHALL HAVE A MINIMUM OF 1.0fc AT GRADE.
- PARKING LOTS SHALL HAVE A MINIMUM OF 2.0fc AT GRADE.
- ALL LUMINAIRES SHALL BE EXTINGUISHED WITHIN ONE HOUR AFTER THE END OF BUSINESS CLOSING AND REMAIN EXTINGUISHED UNTIL ONE HOUR BEFORE BUSINESS OPENING. A MAXIMUM OF 25% OF THE TOTAL LUMINAIRES USED FOR PARKING LOT ILLUMINATION MAY REMAIN IN OPERATION DURING THIS PERIOD TO PROVIDE SECURITY.
- ALL ILLUMINANCE VALUES AND CALCULATIONS ARE BASED ON ONLY NEW LUMINAIRES.
- LIGHT TRESPASS ON TO ADJACENT PROPERTY SHALL BE LIMITED TO 0.1fc AT GRADE 10'-0" BEYOND PROPERTY LINE.

SITE LIGHTING STATISTICS

ZONE NAME	AVERAGE(fc)	MAXIMUM(fc)	MINIMUM(fc)	MAX./MIN.	AVERAGE/MIN.
FIRE LANE	0.73	2.50	0.00	N/A	N/A
DRIVE AREA	2.74	7.30	0.10	73.0:1	27.4:1
FUEL ISLAND CANOPY	6.08	7.30	4.60	1.59:1	1.32:1
HARDSCAPING/ENTRY	2.96	4.30	0.60	7.17:1	4.93:1
PARKING AREA	2.46	5.40	0.90	6:1	2.73:1
VEHICLE STORAGE	1.53	6.20	0.00	N/A	N/A
OVERALL SITE	0.44	9.40	0.00	N/A	N/A
PROPERTY LINE	0.12	2.50	0.00	N/A	N/A
10' BEYOND PROPERTY LINE	0.05	1.00	0.00	N/A	N/A
ACCESSIBLE ROUTE	2.76	4.30	1.20	3.58:1	2.30:1

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER OR APPROVED EQUIVALENT	CATALOG SERIES NUMBER OR APPROVED EQUIVALENT	LAMPS (QTY) TYPE	INPUT VA	DRIVER/ DIM PROTOCOL	LUMENS	VOLTAGE	MOUNTING				AREA SERVED	NOTES
									R	S	P	W		
SP1	POLE MOUNTED AREA LIGHT, TYPE 4 FORWARD THROW, DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER, *COORDINATE MOUNTING WITH POLE SELECTION	KIM LIGHTING	1SA-ARX16-4FT-4K-35-UV-DB-ST-*	LED 4000K	110	0-10V	10079	277					DRIVE AREA	
SP2	POLE MOUNTED AREA LIGHT, TYPE 5 MEDIUM DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER *COORDINATE MOUNTING WITH POLE SELECTION	KIM LIGHTING	1SA-ARX25-4FT-4K-50-UV-DB-ST-*	LED 4000K	236	0-10V	21798	277	X				VEHICLE STORAGE	
SP3	POLE MOUNTED AREA LIGHT, TYPE 3 DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER *COORDINATE MOUNTING WITH POLE SELECTION	KIM LIGHTING	1SA-ARX09-3-4K-35-UV-DB-ST-*	LED 4000K	62	0-10V	6852	277					PARKING	
SP4	POLE MOUNTED AREA LIGHT, TYPE 4 FORWARD THROW, DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER, *COORDINATE MOUNTING WITH POLE SELECTION	KIM LIGHTING	1SA-ARX09-4FT-4K-35-UV-DB-ST-*	LED 4000K	62	0-10V	6852	277					PARKING	
SP5	20" ROUND POST TOP, PEDESTRIAN SCALE POLE, 4000K, FULL CUTOFF, DIMMING DRIVER *COORDINATE MOUNTING WITH POLE SELECTION	KIM LIGHTING	UR20-24L-65-4K7-5W-UNV-DBT-CLR	LED 4000K	65	0-10V	6676	277	X				HARDSCAPE/ ENTRANCE	
SW1	WALL MOUNT AREA LIGHT, TYPE 4 DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER	KIM LIGHTING	WDM-D-48L-85-4K7-4W-UNV-DBT	LED 4000K	85	0-10V	10000	277/120			X		MULTIPLE	
SW2	WALL MOUNT AREA LIGHT, TYPE 4 DISTRIBUTION, 4000K, FULL CUTOFF, DIMMING DRIVER	KIM LIGHTING	WDM-D-48L-65-4K7-4W-UNV-DBT	LED 4000K	55	0-10V	6000	277/120			X		MULTIPLE	
SL-1	POLE MOUNTED ROADWAY LUMINAIRE, 4000K CCT, 6000 LUMENS, TYPE 3, 277V LIGHT GREY FINISH, TOTAL FIXTURE HEIGHT OF 20' ABOVE FINISHED GRADE PROVIDE WITH 20" STEEL POLE W/ LIGHT GREY FINISH, COORDINATE MOUNTING PRIOR TO PROCUREMENT.	KIM LIGHTING	UR20-24L-65-4K7-3-UNV-PT23-LGT-7PR-SF	LED 4000K	65	0-10V	6000	277	X				VALDAI ST	
SD1	RECESSED HIGH OUTPUT FUEL STATION CANOPY FIXTURE, 4000K, FULL CUTOFF, DIMMING DRIVER, TYPE SW DISTRIBUTION	BEACON	CLO-24L-65-4K7-5W-UNV-RD-DBT	LED 4000K	55	0-10V	6022	277	X				FUEL STATION	
W1	WALL MOUNT ARCHITECTURAL UP/DOWN LUMINAIRE	BEGA	33592-3500K-BRZ	LED 3500K	19.3	0-10V	1534	277/120				X	MULTIPLE	

ABBREVIATIONS: BF - BOTTOM OF FIXTURE; OH - OVERALL FIXTURE HEIGHT; RD - RECESSED FIXTURE DEPTH; AFF - ABOVE FINISHED FLOOR

GENERAL NOTES:
 A. LUMINAIRE SHOWN WITH CATALOG NUMBERS ARE THE BASIS OF DESIGN. SIMILAR BY OTHER LISTED MANUFACTURERS ARE ACCEPTABLE.
 B. CONTRACTOR TO VERIFY LIGHT FIXTURE CATALOG NUMBER AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING.
 C. VERIFY TRIM COMPATIBILITY WITH CEILING TYPE PRIOR TO SUBMITTALS.

1 SITE PHOTOMETRIC PLAN
SCALE: 1" = 80'-0"

KIMLIGHTING® ARX16 Without Lens
ArcheType® X Site/Area
kl_arx16_nolens_spec.pdf

JOB _____ TYPE _____
NOTES _____ APPROVALS _____

FEATURES

- Independently aimed LEAR™ modules
- 355° rotation and 70° tilt module adjustment
- Wide range of drive currents available
- Design software interface for user-defined Type X distribution creation
- Traditional NEMA distributions available
- IP66 rated LEAR module and driver

Certifications

UL LISTED, IK09, DLC, 3000K and warmer CCT only

SPECIFICATIONS

ORDERING CODE

Configuration	EPA	Fixture	Distribution	Color Temperature	Drive Current	Drive Current	Voltages	Fixture Finish	Arm Support
15A 1 Arm Side Mt.	0.8	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
25B 2 Arm Side Mt.	1.2	2 Type II	2 Type II	4K 4000K	40 400mA	80 800mA	347 347V	BL Black	ST Straight
35T 3 Arm Side Mt.	1.6	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	DB Dark Bronze	ST Straight
35Y 3 Arm Side Mt.	1.8	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
45C 4 Arm Side Mt.	2.4	4 Type IV	4 Type IV	5K 5000K	55 550mA	110 1100mA	60 600mA	TT Titanium	ST Straight
1W Single Wall Mt.	0.8	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
HSF Horizontal Slip Filter	0.3	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright

For Pole Spec Select: http://www.kimlighting.com/products/items_and_pole/
For Control Spec Select: http://www.kimlighting.com/control_spec_select/

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KIMLIGHTING® ARX25 Without Lens
ArcheType® X Site/Area
kl_arx25_nolens_spec.pdf

JOB _____ TYPE _____
NOTES _____ APPROVALS _____

FEATURES

- Independently aimed LEAR™ modules
- 355° rotation and 70° tilt module adjustment
- Wide range of drive currents available
- Design software interface for user-defined Type X distribution creation
- Traditional NEMA distributions available
- IP66 rated LEAR module and driver

Certifications

UL LISTED, IK09, DLC, 3000K and warmer CCT only

SPECIFICATIONS

ORDERING CODE

Configuration	EPA	Fixture	Distribution	Color Temperature	Drive Current	Drive Current	Voltages	Fixture Finish	Arm Support
15A 1 Arm Side Mt.	1.0	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
25B 2 Arm Side Mt.	1.8	2 Type II	2 Type II	4K 4000K	40 400mA	80 800mA	347 347V	BL Black	ST Straight
35T 3 Arm Side Mt.	1.9	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	DB Dark Bronze	ST Straight
35Y 3 Arm Side Mt.	2.2	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
45C 4 Arm Side Mt.	2.9	4 Type IV	4 Type IV	5K 5000K	55 550mA	110 1100mA	60 600mA	TT Titanium	ST Straight
1W Single Wall Mt.	1.0	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
HSF Horizontal Slip Filter	0.3	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright

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KIMLIGHTING® ARX09 Without Lens
ArcheType® X Site/Area
kl_arx09_nolens_spec.pdf

JOB _____ TYPE _____
NOTES _____ APPROVALS _____

FEATURES

- Independently aimed LEAR™ modules
- 355° rotation and 70° tilt module adjustment
- Wide range of drive currents available
- Design software interface for user-defined Type X distribution creation
- Traditional NEMA distributions available
- IP66 rated LEAR module and driver

Certifications

UL LISTED, IK09, DLC, 3000K and warmer CCT only

SPECIFICATIONS

ORDERING CODE

Configuration	EPA	Fixture	Distribution	Color Temperature	Drive Current	Drive Current	Voltages	Fixture Finish	Arm Support
15A 1 Arm Side Mt.	0.8	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
25B 2 Arm Side Mt.	1.2	2 Type II	2 Type II	4K 4000K	40 400mA	80 800mA	347 347V	DB Dark Bronze	ST Straight
35T 3 Arm Side Mt.	1.2	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
35Y 3 Arm Side Mt.	1.8	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
45C 4 Arm Side Mt.	1.8	4 Type IV	4 Type IV	5K 5000K	55 550mA	110 1100mA	60 600mA	TT Titanium	ST Straight
1W Single Wall Mt.	0.8	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
HSF Horizontal Slip Filter	0.3	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright

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KIMLIGHTING® ARX09 Without Lens
ArcheType® X Site/Area
kl_arx09_nolens_spec.pdf

JOB _____ TYPE _____
NOTES _____ APPROVALS _____

FEATURES

- Independently aimed LEAR™ modules
- 355° rotation and 70° tilt module adjustment
- Wide range of drive currents available
- Design software interface for user-defined Type X distribution creation
- Traditional NEMA distributions available
- IP66 rated LEAR module and driver

Certifications

UL LISTED, IK09, DLC, 3000K and warmer CCT only

SPECIFICATIONS

ORDERING CODE

Configuration	EPA	Fixture	Distribution	Color Temperature	Drive Current	Drive Current	Voltages	Fixture Finish	Arm Support
15A 1 Arm Side Mt.	0.6	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
25B 2 Arm Side Mt.	1.2	2 Type II	2 Type II	4K 4000K	40 400mA	80 800mA	347 347V	DB Dark Bronze	ST Straight
35T 3 Arm Side Mt.	1.2	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
35Y 3 Arm Side Mt.	1.8	3 Type III	3 Type III	5K 5000K	45 450mA	90 900mA	480 480V	PT Platinum Silver	ST Straight
45C 4 Arm Side Mt.	1.8	4 Type IV	4 Type IV	5K 5000K	55 550mA	110 1100mA	60 600mA	TT Titanium	ST Straight
1W Single Wall Mt.	0.6	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright
HSF Horizontal Slip Filter	0.3	1 Type I	1 Type I	3K 3000K	35 350mA	75 750mA	UV 120-277V	LG Light Gray	US Upright

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KIMLIGHTING® UR20
ARCHITECTURAL AREA/SITE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

FEATURES

- 20" size in post top, pole and wall mount
- High performance optics up to 17,000 delivered lumens
- Elegant form factor
- Diffusion lens option
- SiteSync™ wireless control options
- UL/ULC listed for wet locations, IP66 and 4G/1.5G vibration rated

CONTROL TECHNOLOGY

SiteSync™ INX DISTRIBUTED INTELLIGENCE

SPECIFICATIONS

CONSTRUCTION

- Low copper aluminum alloy die-casting is designed as one-piece.
- Molded silicone gasket throughout insures the sealing between the two compartments and provides ingress protection.
- All external fasteners are stainless steel.
- Cover is secured to lens frame by the latch and hinge.

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- All external fasteners are stainless steel.
- Cover is secured to lens frame by the latch and hinge.

OPTICS

- LEDs mount to a metal printed circuit board assembly (MCPCB).
- Optical lenses are clear injection molded PMMA acrylic.
- Optional Backlight Control on each LED module to completely control unwanted backlight.
- Optional feature finish optical surfaces will not exceed BUG ratings of the standard white finish.

LENSES

- Standard Lens (CLR) IK08
- Clear Polycarbonate Lens (CPL) IK10

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

RELATED PRODUCTS

- Ouro Small Arm Mount
- Ouro Large Post Top
- Ouro Large Arm Mount

KEY DATA

Lumen Range	2694 - 16874
Wattage Range	25 - 150
Efficacy Range (LPW)	95 - 133
Reported Life (Hours)	L70=60,000
Weight	35 lbs. - 15.8 Kg
EPA	0.608

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KIMLIGHTING® UR20
ARCHITECTURAL AREA/SITE

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #: _____

ORDERING GUIDE

Example: UR20-24L-25-3K8-3-LUNV-FM33-BLT-7PR-8C-SWTAB

HOUSING

Model	LED Engine	CCT/CRI	Distribution	Rotation	Voltage
UR20	Ouro	AM * Amber, 595nm	No Lens or Clear Lens	(Blank) Blank for no rotation	LUNV 120-277V
	24L-25 3,000lm	27X8 2700K, 80 CRI	FR 7-pin Front Row	347 347V	
	56L-75 10,000lm	3K7 3000K, 80 CRI	2 7-pin PCR with shrouding cap	480V	
	56L-110 15,000lm	3K8 3000K, 80 CRI	4 7-pin PCR, wireless control enabled	100-277V	
	56L-140 20,000lm	3K9 3000K, 80 CRI	4W Type IV Wide	Consult factory	
	28L-30 3,000lm	4K7 4000K, 70 CRI	5GM Type V Square Medium		
	28L-70 7000lm	4K8 4000K, 80 CRI	5GN Type V Square Narrow		
	68L-80 8,000lm	8K7 5000K, 70 CRI	5W Type V Wide Round		
	68L-15 13,000lm	Consult factory for other CCTs and CRI	Consult factory for other CCTs and CRI		
	68L-150 15,000lm				

HOUSING CONTINUED

Mounting	Fixture Finish	Control Options	Options	Control Accessories	
FM33	Flush Mt 30" OD pole, 3" detail base	BLT Black Gloss Smooth DBS Dark Bronze Gloss Smooth	7PR-1C 7-pin PCR with twist lock photoconductor 7PR-5C 7-pin PCR with shrouding cap 7PR 7-pin PCR, wireless control enabled	BC* Backlight Control SF Single Fuse DF Double Fuse CLR* Clear Lens	SWPR** with 7-pin PCR SiteSync™ Software on USB SWTAB** SiteSync™ Windows™ Tablet SWBRG** SiteSync™ Wireless Bridge Node
FM44	Flush Mt 36" to 40" OD pole, 4" detail base	DBT Dark Bronze Matte Textured	AD-01* AstroDM 50% output at midrange AD-02* AstroDM 50% output midrange to 4AM	CP** Clear Polycarbonate Lens	SWRME** SiteSync™ External Feature Module
PT23	3" top mount for 2 3/8" OD x 4" Long Tenon Tenon	GT Graphite Matte Textured	AD-03* AstroDM 50% output 10PM AD-04* AstroDM 50% output 10PM to 4AM		SCH-R Round Pole Mounted Occupancy Sensor up to 30'
PT24	4" top mount for 2 3/8" OD x 4" Long Tenon Tenon	LSG Light Gray Gloss Smooth	NW NX Wireless Enabled		SCH-S Square Pole Mounted Occupancy Sensor up to 30'
PT34	4" top mount for 2 7/8" OD x 4" Long Tenon Tenon	LGT Light Gray Matte Textured PLS Platinum Silver Gloss Smooth VGT Verde Green Matte Textured WHS White Gloss Smooth WHT White Matte Textured Color Option	SWP-100** SiteSync Pre-commission SWP-400** SiteSync with Sensor 9' to 40' MH Dimming Occ. Sensor for up to 40' MH, 120/277/347V WSP-40F-1** Dimming Occ. Sensor for up to 40' MH, 208/240V WSP-40F-2** Dimming Occ. Sensor for up to 40' MH, 480V NXSWP14F** NX Wireless, PR Sensor, 14' Dimming Occ. Sensor NXSWP30F** NX Wireless, PR Occupancy Sensor, Dimming Daylight Harvesting, 30' Dimming Daylight Harvesting, 14' Dimming Daylight Harvesting, 30'		WIR-RME-L w/SCAPE 7-pin Module NXOFM-181D-UNV NX 7-pin Module
		CC* Custom Color			

NOTES

- Not available with SGM, 5GN, and SW distributions.
- These are Delivered Lumens chart on Page 5 for lumens.
- Specify group and zone at time of order. See www.kimlighting.com/site_sync for more details. Order at least one SiteSync interface accessory SWUSB or SWUSC. Each option contains SiteSync License, GUI, and Bridge Node.
- Not available with 24L and 56L, 140 and 150.
- Not available with 24L and 56L, 140 and 150.
- Consult factory for custom color, marine and corrosive finish.
- Turtle Friendly.
- These are Delivered Lumens chart on Page 5 for lumens.
- Microsoft, Encarta, MSN, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Not available with 24L and 56L, 140 and 150.
- IK10 listed. Consult factory for details.
- IK08 meet. Consult factory for details.
- IK08 meet. Consult factory for details.

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CENTRAL MAINTENANCE FACILITY
22470 E. STEPHEN D. HOGAN PARKWAY, AURORA, CO 80018

Ramirez, Johnson, & Associates

3295 Blake Street #104
Denver, CO. 80205
P: 720.598.0774

TYPE SD1

BEACON
CEILEO
CEILING/GARAGE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

FEATURES

- Available in round and square version
- Reduces maintenance by delivering over 200,000 hours of projected life
- Consumes only 55 watts and is designed to replace up to 250 watt HID systems
- Can be used with 0-10V current-sinking control devices (occupancy sensors, external dimmers, etc)
- Cast LED housing is designed for easy removal and access to driver compartment
- Low-profile, ultimate solution in LED recessed canopy lighting applications

CONSTRUCTION

- Die cast aluminum LED housing provides direct heat exchange between the LED light engine and the cool outdoor air
- Mounted with two key-slotted screws for easy installation and removal
- Galvanized steel recessed housing mounts to 1/2" EMT conduit, contains driver compartment and separate line voltage and dimming wiring compartments
- Drivers mounted to removable tray accessible from beneath for easy services
- Optical one-piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel
- Die cut foam silicone gasket ensures a weather-proof seal around each individual LED

CONSTRUCTION CONTINUED

- Ceileo uses a 24-LED engine that can be field adjusted to four wattages (55, 45, 30, 15 watts) and four lumen outputs by a four position rotary dimming switch
- The switch shall be mounted on the PCB and used to manually set dimming level to approximately 25%, 50%, 75% and 100% of current
- Dimming switch shall be accessible by removing a screw, which may be rotated with a small screwdriver
- Independent inductive thermal testing confirm solder point temperatures not to exceed 55°C and driver case temperatures not to exceed 60°C at 55-watts input power
- At 30-watts input power solder point temperature will not exceed 40°C and driver case temperatures will not to exceed 55°C

ELECTRICAL

- 100-277V, 50-60 Hz (UNV)
- Power factor is ≥ .90 at full load
- Comes standard with 0-10 VV dimming capability, with flicker-free dimming to 10%. Must contact factory to request wiring leads for purpose of external dimming controls
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher
- Surge protection - 20kA

CERTIFICATIONS

- The Luminaire shall be NRTL certified to UL 1598 and 8750 standards for use in wet locations in outdoor canopies

WARRANTY

- 5 year warranty
- See HLI Standard Warranty for additional information

KEY DATA

Lumen Range	5423-6267
Wattage Range	55
Efficacy Range (LPW)	100-115
Fixture Projected Life (Hours)	170>704K
Weights lbs. (kg)	11 (5.0)

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CEILO-SPEC

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HUBBELL
Lighting

TYPE SD1 CONTINUED

BEACON
CEILEO
CEILING/GARAGE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Example: CLO-24L55-3K7-SR-UNV-SQ-DBT

Model	Engine / Watts	LED Color	Optic	Voltage	Style / Option	Color
CLO Ceileo	24x55 55 Watts LED engine	5K 3000K 4K7 4000K 3K7 5000K	SR 6x6 Area Lighter SR Type V, Rectangular SQM Type V, Square Medium SQN Type V, Square Narrow SW Type V, Round Wide SWS Vertical Flood DF Diffused Lens	UNV 120-277V	SR - Round SQ - Square	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth WGT White Green Textured Color Option CC Custom Color

PERFORMANCE DATA

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CR)				4K (4000K nominal, 70 CR)				3K (3000K nominal, 70 CR)						
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G
24	700mA	55W	5XS	6089	112	N/A	N/A	N/A	6213	114	N/A	N/A	N/A	5716	105	N/A	N/A	N/A
			5R	6025	111	3	1	3	5147	113	3	1	3	5655	104	3	1	3
			5OM	6038	111	3	1	1	6161	113	3	1	1	5658	104	3	1	1
			5ON	6042	113	2	0	0	6267	115	2	0	0	5766	106	2	0	0
			5W	5902	108	3	1	1	6022	111	3	1	1	5541	102	3	1	1
3XS	5777	106	N/A	N/A	N/A	N/A	5895	108	N/A	N/A	N/A	5423	100	N/A	N/A	N/A		

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP	0	25,000	50,000	100,000	170,000	Calculated L70 (HOURS)
25°C / 77°F	1.00	0.98	0.97	0.96	0.94	>704,000

ELECTRICAL DATA

# OF LED'S	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	OPER. CURRENT (Watts)	SYSTEM POWER (Watts)
24	1	700 (mA)	120	0.48	570
			277	0.21	570

KEY DATA

Lumen Range	5423-6267
Wattage Range	55
Efficacy Range (LPW)	100-115
Fixture Projected Life (Hours)	170>704K
Weights lbs. (kg)	11 (5.0)

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CEILO-SPEC

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HUBBELL
Lighting

TYPE SW1 AND SW2

KIMLIGHTING
WDM
WALL MOUNTED

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

FEATURES

- 5° to +10° tilt adjustment
- High performance optics deliver up to 16,000 lumens
- up or down mountable without modification
- Programmable occupancy sensor (dimming)
- NX and SiteSync wireless controls
- 130+ lumens per watt
- UL/cUL listed for wet locations, IP66 Listed.

CONSTRUCTION

- Optical housing is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral heat sink. The housing rotates against mounting arm housing to provide -5° to +10° of adjustment with degree markers label. At 0° adjustment, lens is totally concealed from view above horizontal with fixture mounted in the downward position.
- Mounting arm housing is one-piece die-cast, low copper (<0.6%) aluminum alloy with provisions for tilt mechanism. Mounting arm fastens to the mounting plate with keyhole slots freeing both hands for securing and wiring. One stainless steel socket-head screw on the tilt mechanism frees the optical housing to rotate for aiming. Tightening the screws locks the housing and lens frame together with sealing provided by a silicone gasket. For visual aiming, adjustment may be accomplished with the fixture on.
- Lens Frame is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral cooling fins to dissipate driver thermal.
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidyl isocyanurate (TGIC) polyester powdercoat
- Bracketry and hardware shall be stainless steel

INSTALLATION

- Junction box (by Others): Standard with steel, quick-mount junction box plate that mounts directly to 4" J-Box.
- Mounting plate is stainless steel and features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates.
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

SERVICING

- Housing should hang freely in an open service position for inspection of primary wire connections. Once in service position, the housing can be removed for service by sliding the assembly to the left (for down mounting) or to the right (for up mounting) and disconnecting the wiring plugs.
- Driver assembly shall be mounted to a prewired internal tray with quick disconnects for removal.

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- Drivers have a greater than a 0.9 power factor, less than 20% harmonic distortion, and is suitable for operation in -40°C to 40°C ambient environments.
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C.
- Modular wiring harness in the service area provides user access to the dimming circuitry.

KEY DATA

Lumen Range	5,950-16,000
Wattage Range	54-131
Efficacy Range (LPW)	97-145
Reported Life (Hours)	170>60,000
Weight	35 lbs/15.87 kg

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WDM

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TYPE SW1 AND SW2 CONTINUED

KIMLIGHTING
WDM
WALL MOUNTED

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Example: WDM-D-4BL-55-3K7-1-UNV-BLS-PC-EM-SWJ5B

Model	Mounting	Source	Wattage	Light Engine	Distribution
WDM WallDirector Medium	D Down U* Up	4BL 48-LED3 SV2	55 55 Watts, 6000 lm	AM* Monochromatic Amber	1 Type I
			65 65 Watts, 8000 lm	3K7 3000K/70CR	2 Type II
			85 85 Watts, 10000 lm	3K8 3000K/80CR	3 Type III
			105 105 Watts, 12000 lm	4K7 4000K/70CR	4W Type IV Wide
			130 130 Watts, 14000 lm	4K8 4000K/80CR 5K7 5000K/70CR	4F Type IV Forward 5P SpotColumn FTD* Forward Throw Diffuse WTD* Wide Throw Diffuse

HOUSING

Voltage	Fixture Finish	Control Options	Options	Control Accessories
UNV 120-277V	BLS Black Gloss Smooth BLT Black Matte Textured DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Matte Textured PSS Platinum Silver Gloss Smooth VGT Verde Green Matte Textured WHS White Gloss Smooth WHT White Matte Textured Color Option CC* Custom Color	PC* Button Protocol SCRF 1A-8A Programmable Occ. Sensor (9" height) SCP 20F 1A-8A Programmable Occ. Sensor (9" - 20" height) SWP 1A-8A SiteSync Wireless Pre-Commission Sensor Pre-Commission (9" height) SWPM 20F 1A-8A SiteSync Wireless w/ Occupancy Sensor Pre-Commission (9" - 20" height) 2DR Dual Drivers 2PF Dual Power Feeds NXPWAF 1A NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14" NXSPAF 1A NX PIR Occupancy Sensor, Dimming Daylight Harvesting, 14" NXWE 1A NX Wireless Enabled	EM* Integral Battery Backup Unit (BW) (9" height) SF Single Fuse & Fuse holder DF Double Fuse & Fuse holder SCM2 3/4" Surface Conduit Mount	SCPREMOTIE SCP configuration tool SWUSB SiteSync Software on USB SWTAB SiteSync Windows* Tablet SWBRG SiteSync Software Bridge Node

KEY DATA

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TYPE W1

Wall luminaire - light emission on two sides

BEGA

Application

Wall luminaire with light emission on two sides. Luminaire provided with narrow beam light in up and down directions is ideal for highlighting various architectural features.

Materials

Luminaire housing constructed of die-cast marine grade, copper free (±0.3% copper content) A360.0 aluminum alloy
Clear safety glass
Reflector made of pure anodized aluminum
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners
NRTL listed to North American Standards, suitable for wet locations
Protection class IP64
Weight: 5.3 lbs

Electrical

Operating voltage 120-277V AC
Minimum start temperature -30° C
LED module wattage 15.5W
System wattage 19.3W
WG* Wall Graze
SP SpotColumn
FTD* Forward Throw Diffuse
WTD* Wide Throw Diffuse

LED color temperature

- 4000K - Product number = K4 (EXPRESS)
- 3500K - Product number = K5
- 3000K - Product number = K3 (EXPRESS)
- 2700K - Product number = K27

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors Black (BLK) White (WHT) RAL: Bronze (BRZ) Silver (SLV) CUS:

Available options

- FFRO Factory fixed reduced output
- SWBC Surface wiring box cover
- FSC Fusing
- FRO Frosted diffuser
- UPO Uplight only

Wall luminaire - light emission on two sides

LED	B	A	B	C
33582	15.5W	20°	5 1/4"	9" B 6"

β = Beam angle

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com

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