

SITE PLAN

INDUSTRIAL BUILDING #29 MAJESTIC COMMERCENTER FILING NO. 8 & 11

The site plan will not be approved by public works until the preliminary drainage letter/report is approved

Understood, thank you.

SITE PLAN NOTES

CITY OF AURORA NOTES:

- CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CITY OF AURORA "ROADWAY DESIGN & CONSTRUCTION SPECIFICATIONS," LATEST EDITION.
- ALL WATER DISTRIBUTION, SANITARY SEWER, AND STORM DRAINAGE CONSTRUCTION SHALL CONFORM TO CITY OF AURORA "STANDARDS AND SPECIFICATIONS REGARDING WATER, SANITARY SEWER AND STORM DRAINAGE INFRASTRUCTURE," LATEST REVISION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE CITY STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC IMPROVEMENT INSPECTIONS DIVISION, 303-739-7420, 24 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT UTILITY NOTIFICATION CENTER OF COLORADO, 1-800-922-1987 OR 811.
- THE CONTRACTOR SHALL HAVE ONE SIGNED COPY OF THE PLAN: SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, AND A COPY OF A
- IT IS THE CONSULTANT'S RESPONSIBILITY TO ACCURATELY SHOW MODIFICATIONS NEEDED DUE TO CONFLICTS, OMISSIONS, OR C ENTIRELY THE DEVELOPER'S RESPONSIBILITY. THE COST TO RECT CITY CODE SHALL BE BORNE SOLELY BY THE DEVELOPER.
- THE OWNER/DEVELOPER MUST OBTAIN THE WRITTEN PERMIS CONSTRUCTION.
- CONCRETE SHALL NOT BE PLACED UNTIL THE FORMS HAVE BEEN I
- PAVING OF PUBLIC STREETS SHALL NOT START UNTIL A SOIL REP SUBGRADE AND TRENCH COMPACTION TESTS TAKEN BY THE DE LAB.
- STANDARD CITY OF AURORA CURB RAMPS SHALL BE CONSTRUCL CLUSTERS, UNLESS OTHERWISE MODIFIED BY THESE PLANS.
- ALL STATIONING IS BASED ON CENTERLINE OF ROADWAYS UNLESS
- ALL ELEVATIONS ARE TO FLOW LINE UNLESS OTHERWISE NOTED.
- THE CITY OF AURORA SHALL NOT BE LIABLE FOR THE MAINTENAI STANDARDS AND SHALL REMAIN IN PRIVATE MAINTENANCE BY PROVIDED, THE PRIVATE UNDERDRAIN SYSTEM PLACED WITHIN TH
- THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR CONTACTII MEETS CDOT REQUIREMENTS.
- THE STREETLIGHT OR PEDESTRIAN LIGHT INSTALLATION WITHIN DEVELOPER/OWNER, OWNERSHIP AND MAINTENANCE OF THE ST THEY HAVE BEEN ACCEPTED. STREET LIGHT AND/OR PEDESTRI/ APPROVAL AND SHALL BECOME A PART OF THE APPROVED CIVIL ADDRESS FOR THE METER(S) FROM THE PLANNING DEPARTMENT LIGHTS ARE REQUIRED. CERTIFICATE OF OCCUPANCIES WILL BI CONSTRUCTED, AND INITIALLY ACCEPTED.
- THE OWNER/CONTRACTOR MUST OBTAIN A C.D.P.S. STORM WATER DISCHARGE PERMIT FROM THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, IF REQUIRED.
- THE OWNER/CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE ARMY CORP OF ENGINEERS FOR WETLAND MITIGATION OR WORK WITHIN THE WATERS OF THE U.S., IF REQUIRED. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO PROVIDE A COPY OF THE ARMY CORP OF ENGINEER'S REQUIREMENTS TO THE CITY OF AURORA. IF THERE ARE NO REQUIREMENTS BY THE ARMY CORP OF ENGINEERS, THEN A WRITTEN NOTIFICATION FROM THE ARMY CORP OF ENGINEERS SHALL BE SUBMITTED TO THE CITY OF AURORA STATING SUCH. CITY APPROVAL OF THE CONSTRUCTION PLANS IS SUBJECT TO THE OWNER/CONTRACTOR OBTAINING A 404 PERMIT, IF APPLICABLE. A COPY OF THIS PERMIT SHALL BE SUBMITTED TO THE CITY OF AURORA PRIOR TO ANY PERMITS BEING ISSUED.
- ALL SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, UNLESS OTHERWISE NOTED BY THE CITY OF AURORA.
- PRIVATE UNDERDRAIN SYSTEMS FOR GROUNDWATER DISCHARGES FROM FOUNDATION DRAINS SHALL BE OWNED AND MAINTAINED BY THE OWNER.
- PROJECT SHALL COMPLY WITH THE SUBSURFACE UTILITY ENGINEERING REQUIREMENTS PER SENATE BILL 18-167 WHEN PROJECT INCLUDES EXCAVATION, INCLUDING BUT NOT LIMITED TO ELECTRONICALLY TRACEABLE MARKERS OR TRACING WIRE PER AURORA WATER STANDARDS AND SPECIFICATIONS FOR ALL SUBSURFACE UTILITIES. BY STAMPING THE PLAN THE ENGINEER OF RECORD IS CERTIFYING THE PLAN MEETS THE STANDARDS ESTABLISHED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 38-22) FOR DEFINING THE ACCURACY OF AN UNDERGROUND FACILITY

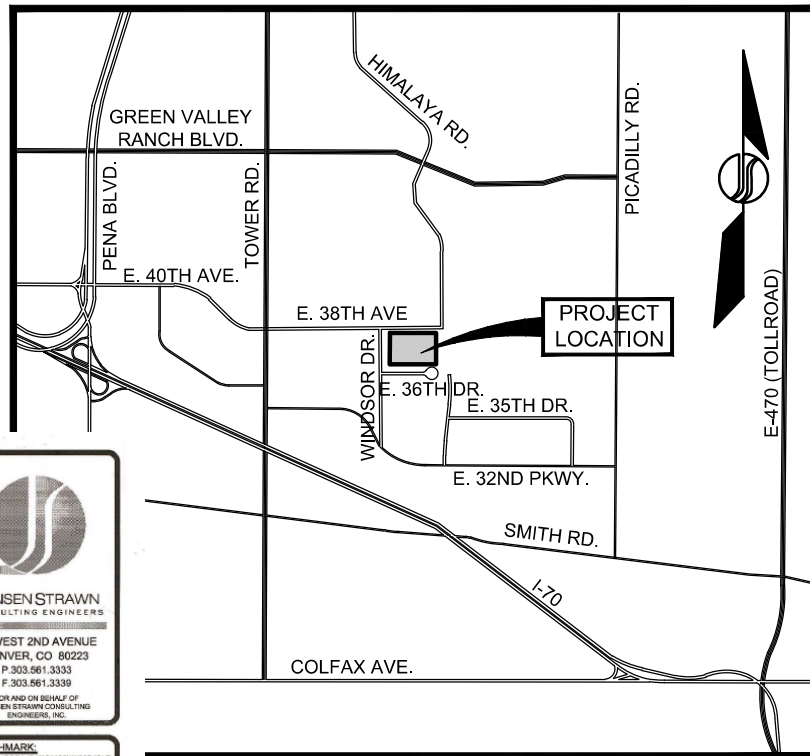
ADDITIONAL NOTES:

- THE DEVELOPER, HIS OR HER SUCCESSORS, AND ASSIGNS SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE, AND REPLACEMENT OF THE ACCESS CONTROL GATE OR BARRIER SYSTEM TO ENSURE EMERGENCY VEHICLE ACCESS TO WITHIN THE SITE. IF THE ABOVE CONDITIONS ARE NOT MET, THE OWNERS, HIS OR HER SUCCESSORS, AND ASSIGNS, SHALL BE REQUIRED BY FIRE DEPARTMENT ORDER NOTICE THAT ALL AFFECTED GATES WILL BE CHAINED AND LOCKED IN THE OPEN POSITION UNTIL REPAIRED OR REPLACED, AND RETESTED. IF THE GATING SYSTEM IS NOT MAINTAINED TO THE SATISFACTION OF THE FIRE DEPARTMENT, THE LICENSE AGREEMENT FOR THE EMERGENCY VEHICLE GATE OPENING SYSTEM WILL BE REVOKED AND THE GATING SYSTEM MUST BE REMOVED. THE GATING SYSTEM WILL INCLUDE AN EMERGENCY VEHICLE GATE OPENING SYSTEM UTILIZING A REDUNDANCY BACK-UP SYSTEM THAT CONSISTS OF: A) SIREN OPERATED SYSTEM; B) AUTOMATIC KNOX KEY SWITCH; AND C) MANUAL OVERRIDE (IN THE EVENT OF SYSTEM FAILURE). GATING SYSTEMS WILL BE INSTALLED IN ACCORDANCE WITH THE "GATING SYSTEMS CROSSING FIRE APPARATUS ACCESS ROADS CHECKLIST." A SEPARATE BUILDING PERMIT THROUGH THE BUILDING DIVISION IS REQUIRED TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY GATING/BARRIER SYSTEM THAT CROSSES A DEDICATED FIRE LANE EASEMENT.
- RIGHT-OF-WAY FOR INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES IS GRANTED OVER, ACROSS, ON, AND THROUGH ANY AND ALL PRIVATE ROADS AND WAYS NOW OR HEREAFTER ESTABLISHED ON THE DESCRIBED PROPERTY. THE UNDERSIGNED DOES HEREBY COVENANT AND AGREE THAT THEY SHALL CONSTRUCT UPON THE FIRE LANE EASEMENTS, AS DEDICATED AND SHOWN HERE ON, A HARD SURFACE IN ACCORDANCE WITH THE CITY OF AURORA'S PAVING STANDARDS FOR FIRE LANE EASEMENTS, AND THAT THEY SHALL MAINTAIN THE SAME IN A STATE OF GOOD REPAIR AT ALL TIMES AND KEEP THE SAME FREE AND CLEAR OF ANY STRUCTURES, FENCES, LANDSCAPE MATERIALS, SNOW OR OTHER OBSTRUCTIONS. THE MAINTENANCE OF PAVING ON THE FIRE LANE EASEMENT(S) IS THE RESPONSIBILITY OF THE OWNER, AND THE OWNER SHALL POST AND MAINTAIN APPROPRIATE SIGNS IN CONSPICUOUS PLACES ALONG SUCH FIRE LANE EASEMENTS, STATING "FIRE LAND, NO PARKING." THE LOCAL LAW ENFORCEMENT AGENCY(S) IS HEREBY AUTHORIZED TO ENFORCE PARKING REGULATIONS WITHIN THE FIRE LANE EASEMENTS, AND TO CAUSE SUCH EASEMENTS TO BE MAINTAINED FREE AND UNOBSTRUCTED AT ALL TIMES FOR FIRE DEPARTMENT AND EMERGENCY APPARATUS USE.
- ACCESSIBLE EXTERIOR ROUTES SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES AND PUBLIC SIDEWALKS TO 60% OF THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. THE ACCESSIBLE ROUTE BETWEEN ACCESSIBLE PARKING AND ACCESSIBLE BUILDING ENTRANCES SHALL BE THE MOST PRACTICAL DIRECT ROUTE. THE ACCESSIBLE ROUTE MUST BE LOCATED WITHIN A SIDEWALK. NO SLOPE ALONG THIS ROUTE MAY EXCEED 1:20 WITHOUT PROVIDING A RAMP WITH A MAXIMUM SLOPE OF 1:12 AND HANDRAILS. CROSSWALKS ALONG THIS ROUTE SHALL BE WIDE ENOUGH TO WHOLLY CONTAIN THE CURB RAMP WITH A MINIMUM WIDTH OF 36" AND SHALL BE PAINTED WITH WHITE STRIPES. THE CITY OF AURORA ENFORCES HANDICAPPED ACCESSIBILITY REQUIREMENTS BASED ON THE 2015 INTERNATIONAL BUILDING CODE, CHAPTER 11, AND THE AMERICAN NATIONAL STANDARDS INSTITUTE (ICC/ANSI) A117-2009.
- HIMALAYA RD IS THE RESPONSIBILITY OF THE MASTER DEVELOPER ON THE EAST SIDE OF HIMALAYA RD PER THE PIP, AND WILL BE DEVELOPED TO ITS FINAL CONDITION WHEN THE DEVELOPMENT ON THE EAST SIDE OF HIMALAYA RD IS CONSTRUCTED.
- IN LOCATIONS WHERE UTILITY EASEMENTS OVERLAP DRAINAGE EASEMENTS, ONLY SUBSURFACE UTILITIES SHALL BE PERMITTED WITHIN THE PORTION OF THE UTILITY EASEMENT THAT OVERLAPS THE DRAINAGE EASEMENT. INSTALLATION OF ABOVE GROUND UTILITIES WITHIN DRAINAGE EASEMENT REQUIRES PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.
- 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 ON THE SIGNAGE AND STRIPING PLAN FOR THE DEVELOPMENT.
- ALL CROSSINGS OR ENCROACHMENTS INTO EASEMENTS AND RIGHTS-OF-WAY OWNED BY THE CITY OF AURORA ("CITY") IDENTIFIED AS BEING PRIVATELY OWNED AND MAINTAINED HEREIN ARE ACKNOWLEDGED BY THE UNDERSIGNED AS BEING SUBJECT TO CITY'S USE AND OCCUPANCY OF SAID EASEMENTS OR RIGHTS-OF-WAY. THE UNDERSIGNED, ITS SUCCESSORS AND ASSIGNS, FURTHER AGREES TO REMOVE, REPAIR, REPLACE, RELOCATE, MODIFY, OR OTHERWISE ADJUST SAID CROSSINGS OR ENCROACHMENTS UPON REQUEST FROM THE CITY AND AT NO EXPENSE TO THE CITY. THE CITY RESERVES THE RIGHT TO MAKE FULL USE OF THE EASEMENTS AND RIGHTS-OF-WAY AS MAY BE NECESSARY OR CONVENIENT AND THE CITY RETAINS ALL RIGHTS TO OPERATE, MAINTAIN, INSTALL, REPAIR, REMOVE OR RELOCATE AND CITY FACILITIES LOCATES WITHIN SAID EASEMENTS AND RIGHTS-OF-WAY AT ANY TIME AND IN SUCH A MANNER AS IT DEEMS NECESSARY OR CONVENIENT.
- ARCHITECTURAL FEATURES ARE NOT ALLOWED TO ENROACH INTO ANY EASEMENT OR FIRE LANE.

Note has been revised per comment.

Architectural features (i.e. bay windows, fireplaces, roof overhang, gutters, eaves, foundation, footings, cantilevered walls, etc.) are not allowed to encroach into any easement or fire lane.

A PORTION OF THE NORTHEAST 1/4 OF SECTION 27, TOWNSHIP 3 SOUTH, RANGE 66 WEST OF THE 6TH. P.M., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO.



VICINITY MAP
SCALE: 1" = 1000'

CONTACT LIST

CIVIL ENGINEER
WARE MALCOMB
990 S BROADWAY
SUITE 230
DENVER, CO 80209
303-561-3333
CHRIS STRAWN, P.E.

APPLICANT
COMMERCE CONSTRUCTION CO. L.P.
20100 EASE. 32ND PKWY.
AURORA, COLORADO 80011
303.371.1400
JACK W. (SKIP) BAILEY

LANDSCAPE ARCHITECT
THK ASSOCIATES INC.
2953 SOUTH PEORIA STREET,
SUITE 101
AURORA, COLORADO 80014
303.770.7201
JULIE GAMEC

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- C3 SITE PLAN
- *C4 SITE PLAN
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- *C6 GRADING PLAN
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- A2 BUILDING FLOOR PLAN
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- A5.0 ENLARGED ENTRY FLOOR AND SOFFIT PLAN
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- *L9 AMENDED LANDSCAPE PLAN
- *L10 AMENDED LANDSCAPE PLAN
- *L11 AMENDED LANDSCAPE PLAN
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- E3.3 ENLARGED BUILDING 29 ELECTRICAL PLAN 3
- E3.4 ENLARGED BUILDING 29 ELECTRICAL PLAN 4
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- *E5.1 SITE ELECTRICAL PLAN
- *E6.1 COMCHECK AND DETAILS
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- *ADDITIONAL OR REVISED SHEETS INCLUDED IN MAJOR AMENDMENT

DATA BLOCK

ISTING INDUSTRIAL BUILDING #29 MAJESTIC COMMERCENTER FILING NO. 8

CUPANCY CLASSIFICATION	WAREHOUSE/OFFICE
INSTRUCTION TYPE	II B, FULLY SPRINKLERED
LOWABLE BUILDING AREA	452,400 S.F.
ND AREA WITHIN PROPERTY LINES	20.994 ACRES
OSS FLOOR AREA	452,400 S.F.
MBER OF BUILDINGS	ONE
MBER OF STORIES	ONE
XIMUM HEIGHT OF BUILDINGS	40 FEET
TAL BUILDING COVERAGE	46% AND 452,126 S.F. (10.38 AC)
HARD SURFACE COVERAGE	44% AND 432,874 S.F. (9.93 AC)
LANDSCAPE COVERAGE	10% AND 91,040 S.F. (2.09 AC) 100% 976,040 S.F. (22.40 AC)
PERCENTAGE OF ON-SITE OPEN SPACE	10%
FAR	0.49
PRESENT ZONING CLASSIFICATION	MCC MPIP
PARKING SPACES PROVIDED	
PARKING SPACES REQUIRED (1 PER 1,500 GROSS FLOOR ARE	
LOADING SPACES PROVIDED	
LOADING SPACES REQUIRED	
ACCESSIBLE SPACES REQUIRED	
ACCESSIBLE SPACES PROVIDED	4 VAN
TOTAL PARKING SPACES	
PERMITTED MAXIMUM SIGN ARE	
TYPE OF SIGN	
PROPOSED TOTAL SIGN AREA	
PERMITTED NUMBER OF SIGNS	5
PROPOSED NUMBER OF SIGNS	TBD PER THE MPIP

Typically a site plan amendment will not require new Mylars and new signatures because we will use the previous plan set. With the next submittal please use the existing coversheet and add deltas on the cover and throughout. If you have question how to best approach please give me a call.

Understood, the original cover sheet is now utilized and deltas are provided where necessary.

NEW PLAT - INDUSTRIAL BUILDING #29 MAJESTIC COMMERCENTER FILING NO. 11

LAND AREA WITHIN PROPERTY LINES	5.44 ACRES
HARD SURFACE COVERAGE	76% AND 293,191 S.F. (4.15 AC)
LANDSCAPE COVERAGE	24% AND 56,225 S.F. (1.29 AC)
PERCENTAGE OF ON-SITE OPEN SPACE	24%
PRESENT ZONING CLASSIFICATION	MCC MPIP
PARKING SPACES PROVIDED	266
ACCESSIBLE SPACES REQUIRED	0
ACCESSIBLE SPACES PROVIDED	0

(NOTARY PUBLIC)
COMMISSION EXPIRES
NOTARY SEAL
NOTARY BUSINESS ADDRESS:

WARE MALCOMB
CIVIL ENGINEERING & SURVEYING

990 south broadway
suite 230
denver, co 80209
p 303.561.3333
waremalcomb.com

FOR AND ON BEHALF
OF WARE MALCOMB

MAJESTIC COMMERCENTER
FILING NO. 8 & 11
1ST MAJOR AMENDMENT
COVER SHEET

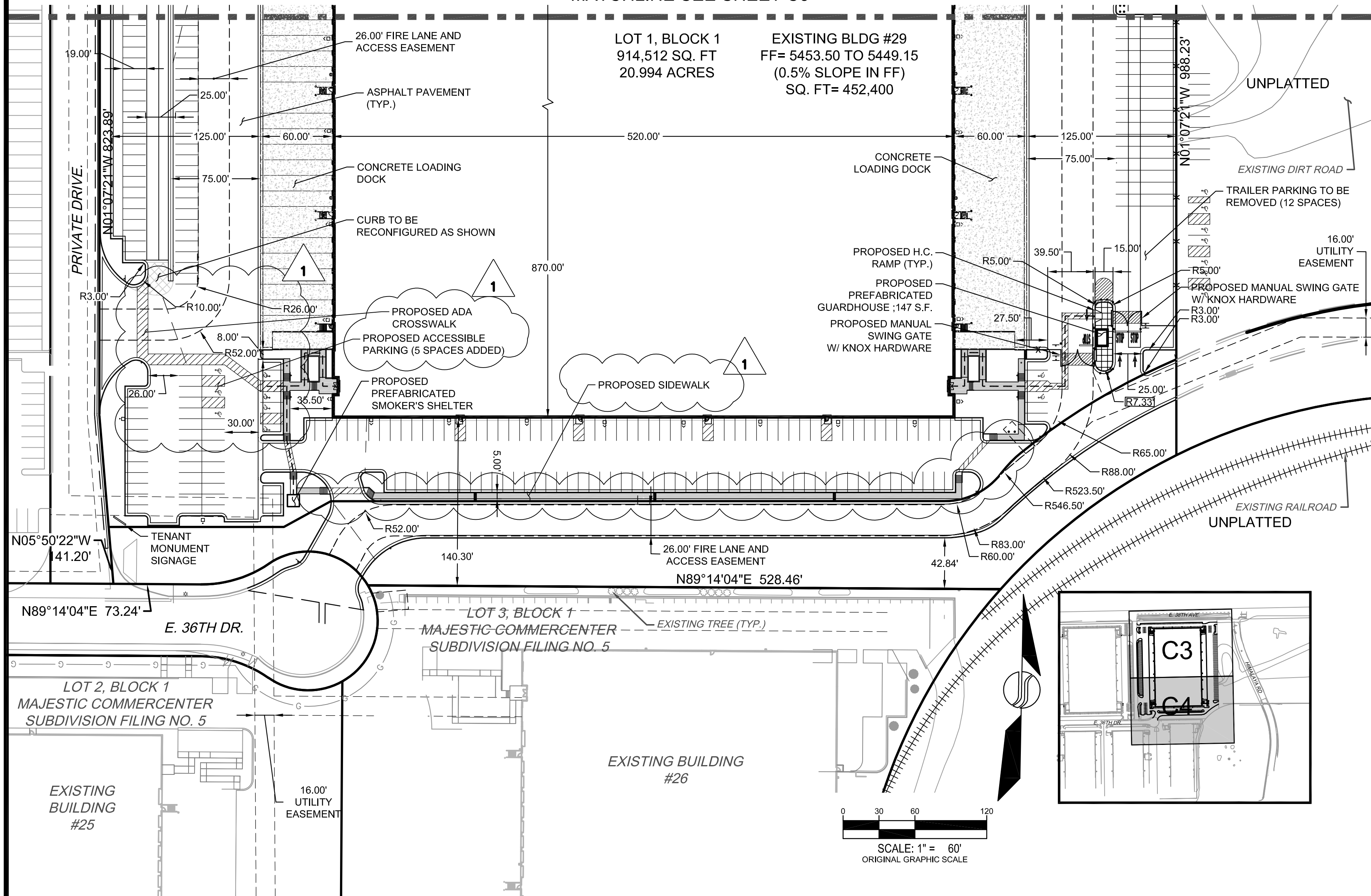
NO.	DATE	REMARKS
1	01-03-2020	MAJOR AMENDMENT

JOB NO.:	DCS19-4034
PA / PM:	EM
DRAWN BY:	AH
DATE:	01-03-2020
PLOT DATE:	

SHEET
C1

Sheet of

MATCHLINE SEE SHEET C3



JANSEN STRAWN
CONSULTING ENGINEERS

45 WEST 2ND AVENUE
DENVER, CO 80223
P.303.561.3333
F.303.561.3339

FOR AND ON BEHALF OF
JANSEN STRAWN CONSULTING
ENGINEERS, INC.

BENCHMARK:

CITY OF AURORA ID #3S6626NW005 (OLD
ID# 16-14 1981) 3" BRASS CAP SET IN THE
NORTHWEST WINGWALL OF A
CONCRETE HEADWALL WEST OF A
NORTH-SOUTH RAILROAD TRACK ALONG
THE LIVERPOOL LANDLINE,
APPROXIMATELY AT THE SOUTH LINE OF
THE EAST 36TH AVE.
ELEVATION = 5455.101 (NAVD 88)

CALL UTILITY NOTIFICATION CENTER
OF COLORADO

811

CALL 2 BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

No.	Description of Revisions	Date	By
1	MAJOR AMENDMENT NO. 1	01-03-20	CSS
Designed By: J.DEYOUNG Checked By: C.STRAWN			

MAJESTIC COMMERCCENTER
SUBDIVISION FILING NO. 8 & 11

Date: 01-03-2020

Job No.: 14045

C4

SITE PLAN

LEGEND

	PROPERTY LINE		SITE LIGHTING
	CURB AND GUTTER		
	ICC/ANSI A117.1 ACCESSIBLE ROUTE		
	EXISTING EASEMENT		
	CONCRETE WALK		
	CONCRETE LOADING AREA		
	PROPOSED ASPHALT		
	LIGHTPOLE		
	LIGHTPOLE		

NOTES:

1. MAXIMUM LONGITUDINAL SLOPE ON RAMP SHALL NOT EXCEED 12:1 (HORIZONTAL:VERTICAL)
2. MAXIMUM SLOPE SHALL NOT EXCEED 2% WITHIN PARKING AREA.
3. ALL SIGNAGE & STRIPING PER MUTCD CRITERIA.
4. ALL SIGNS WILL BE MOUNTED ON A GALVANIZED STEEL POST SET 3'-0" MINIMUM, BELOW GRADE & INTO 12" DIAMETER CONCRETE PIER, FULL DEPTH.
5. THERE WILL BE 7' MINIMUM CLEARANCE FROM THE GROUND TO THE BOTTOM OF ALL SIGNS.
6. ALL PROPOSED SWING GATES SHALL BE MANUAL AND FREE OF ANY OBSTRUCTIONS WITHIN THE FIRE LANE EASEMENT

MATCHLINE SEE SHEET C5

LOT 1, BLOCK 1
914,512 SQ. FT
20.994 ACRES

PROPOSED BLDG #29
FF= 5453.50 TO 5449.15
(0.5% SLOPE IN FF)
SQ. FT= 452,400

PROPOSED 4.00' CONC. PAN

PROPOSED LOADING DOCK

PROPOSED DOUBLE TYPE '13' COMBINATION INLET

PROPOSED SAWCUT LINE

PROPOSED TRIPLE TYPE '13' AREA INLET

PROPOSED ADDED ACCESSIBLE PARKING
MAX 2% SLOPE ALL DIRECTIONS
PROPOSED RAMP PER CITY OF AURORA STANDARD DETAIL S9.7

PROPOSED TRIPLE TYPE '13' VALLEY INLET

PROPOSED STORM PROPOSED HC RAMP

PROPOSED RIP RAP PAD

PROPOSED (2) 5' X 8' BOX CULVERTS

PROPOSED 5-FT SIDEWALK
MAX 2% SLOPE ALL DIRECTIONS

PROPOSED HEADWALL

PROPOSED TYPE '13' COMBINATION INLET

PROPOSED F.E.S.

EXISTING (2) 5' X 8' BOX CULVERTS E. 36TH DR.

LOT 2, BLOCK 1 MAJESTIC COMMERCENTER SUBDIVISION FILING NO. 5

LOT 3, BLOCK 1 MAJESTIC COMMERCENTER SUBDIVISION FILING NO. 5

EXISTING BUILDING

EXISTING DRAINAGE CHANNEL

PROPOSED LOCATION OF RELOCATED EXISTING COI

UNPLATTED

REGIONAL POND IG-A RELEASE ONTO SITE THROUGH EXISTING DRAINAGE CHANNEL

Q₁₀₀=435 CFS

Δ=021°56'51"
R=485.00'
L=185.78'
CHB=S51°32'58"W
CH=184.65'

Δ=093°29'17"
R=58.00'
L=94.64'
CHB=N78°39'25"W
CH=84.48'

Δ=034°38'08"
R=100.00'
L=60.45'
CHB=N71°55'00"E
CH=59.53'

PRIVATE DRIVE

N01°07'21"W 823.89'

N05°50'22"W 141.20'

N89°14'04"E 73.24'

N89°14'04"E 528.46'

N01°07'21"W 988.23'

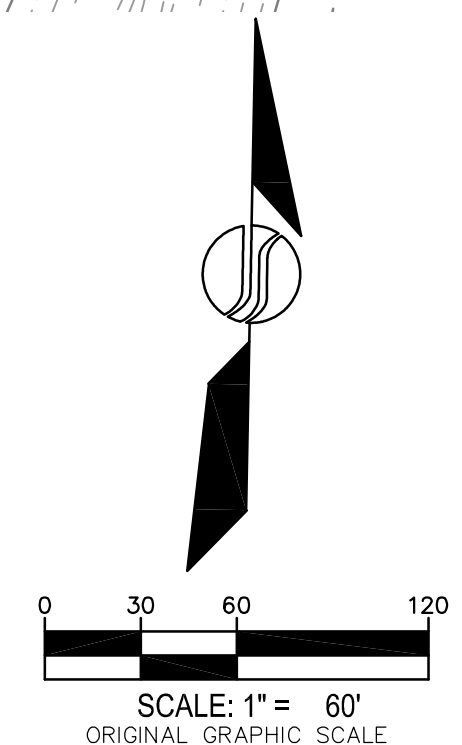
5441, **5440**, **5439**, **5438**, **5437**, **5442**, **5443**, **5444**, **5445**, **5446**, **5447**, **5448**

75.00', **60.00'**, **870.00'**, **520.00'**, **185.00'**, **62.00'**, **141.26'**, **50.00'**

0.5%, **1%**, **0.9%**

1

C6



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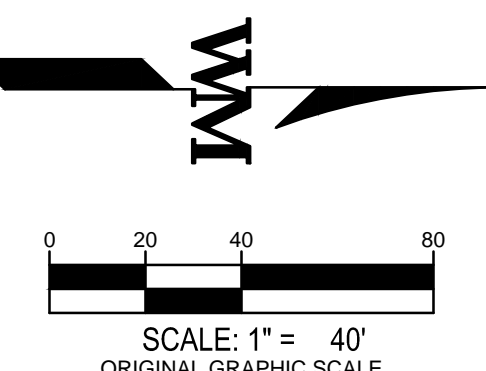
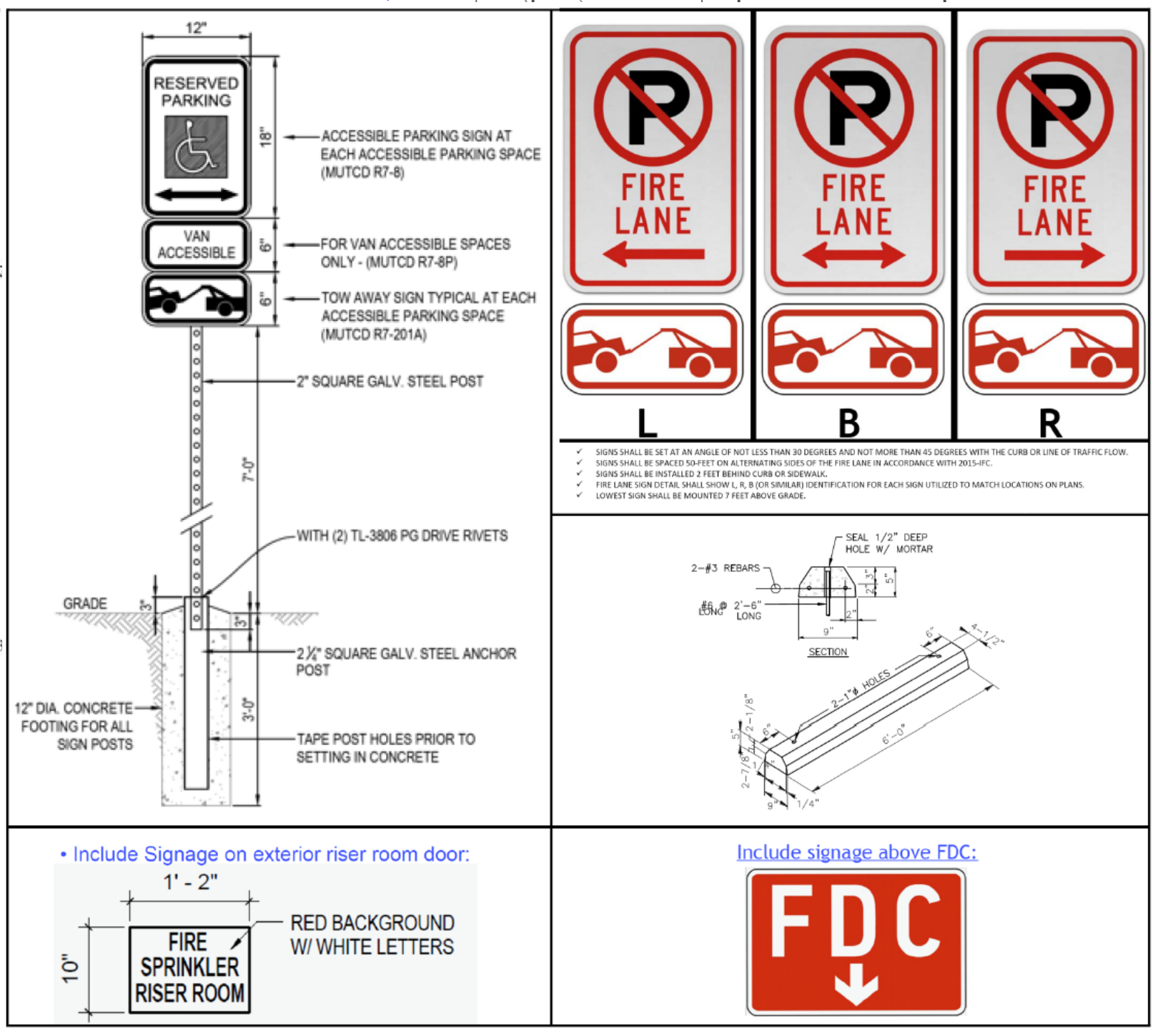
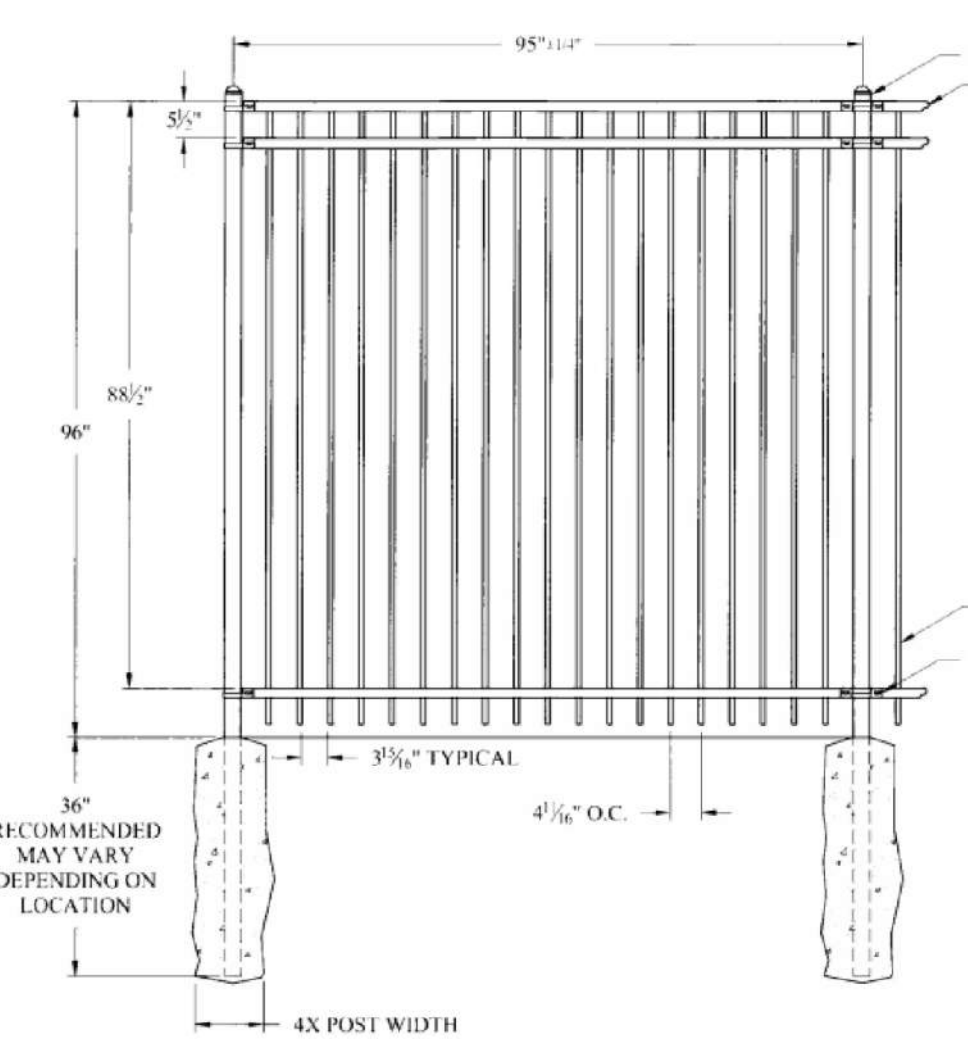
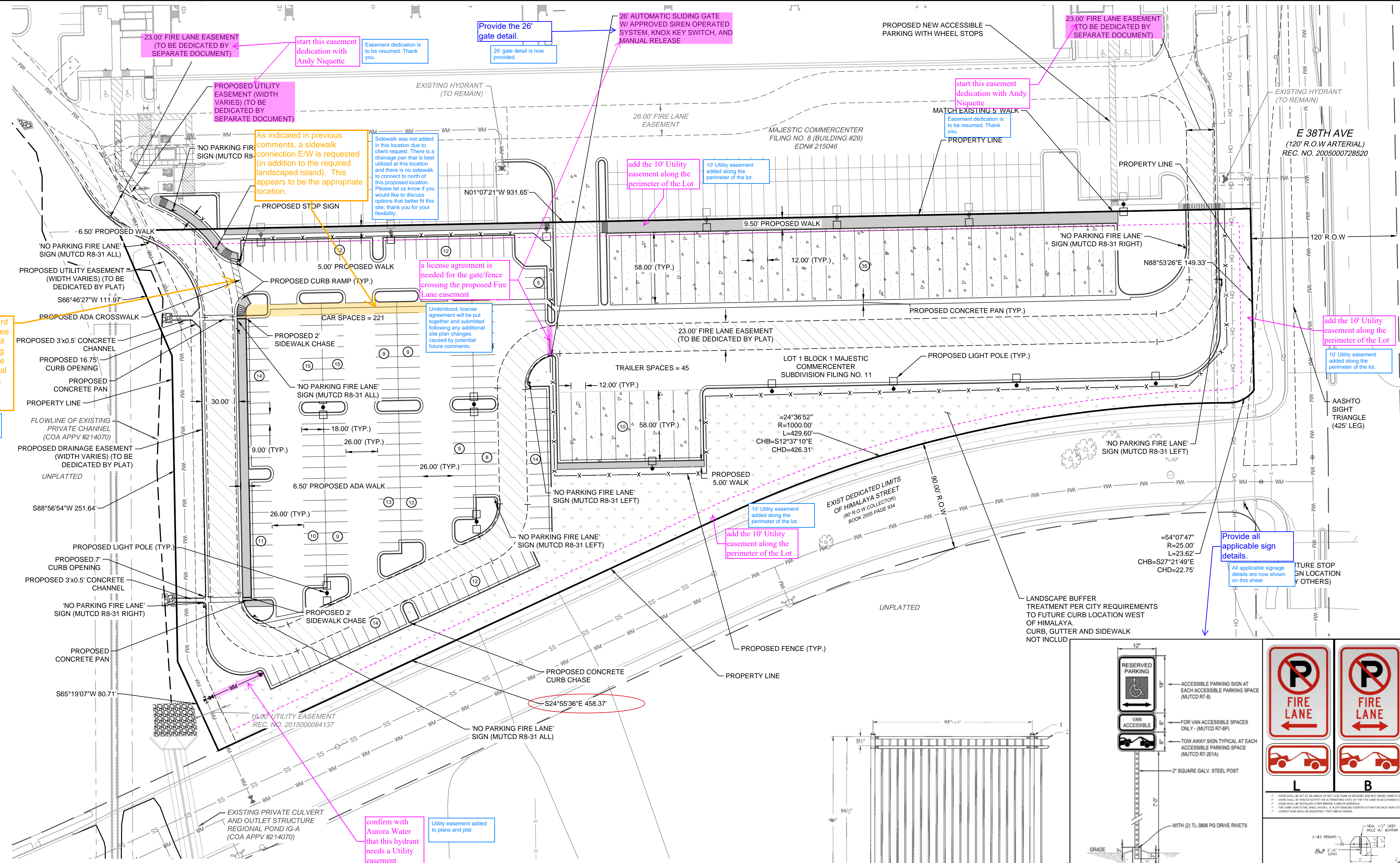
FOR AND ON BEHALF
OF WARE MALCOMB

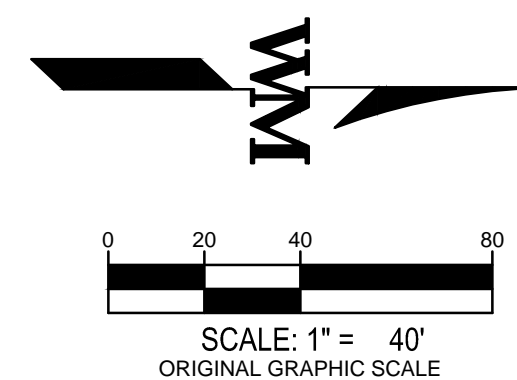
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SHEET
C9





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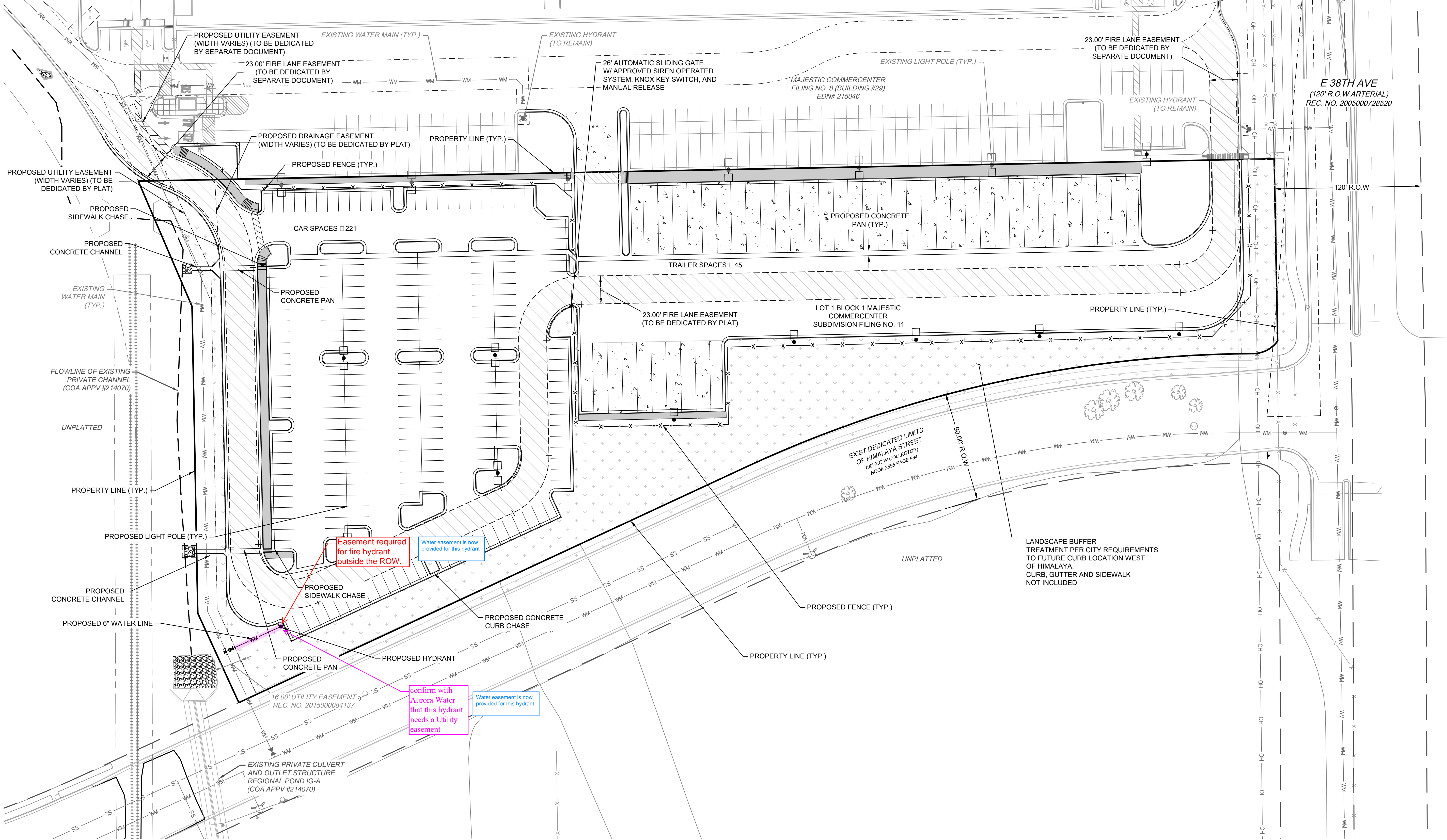
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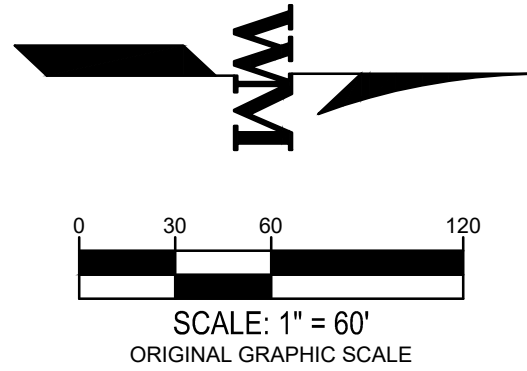
C11

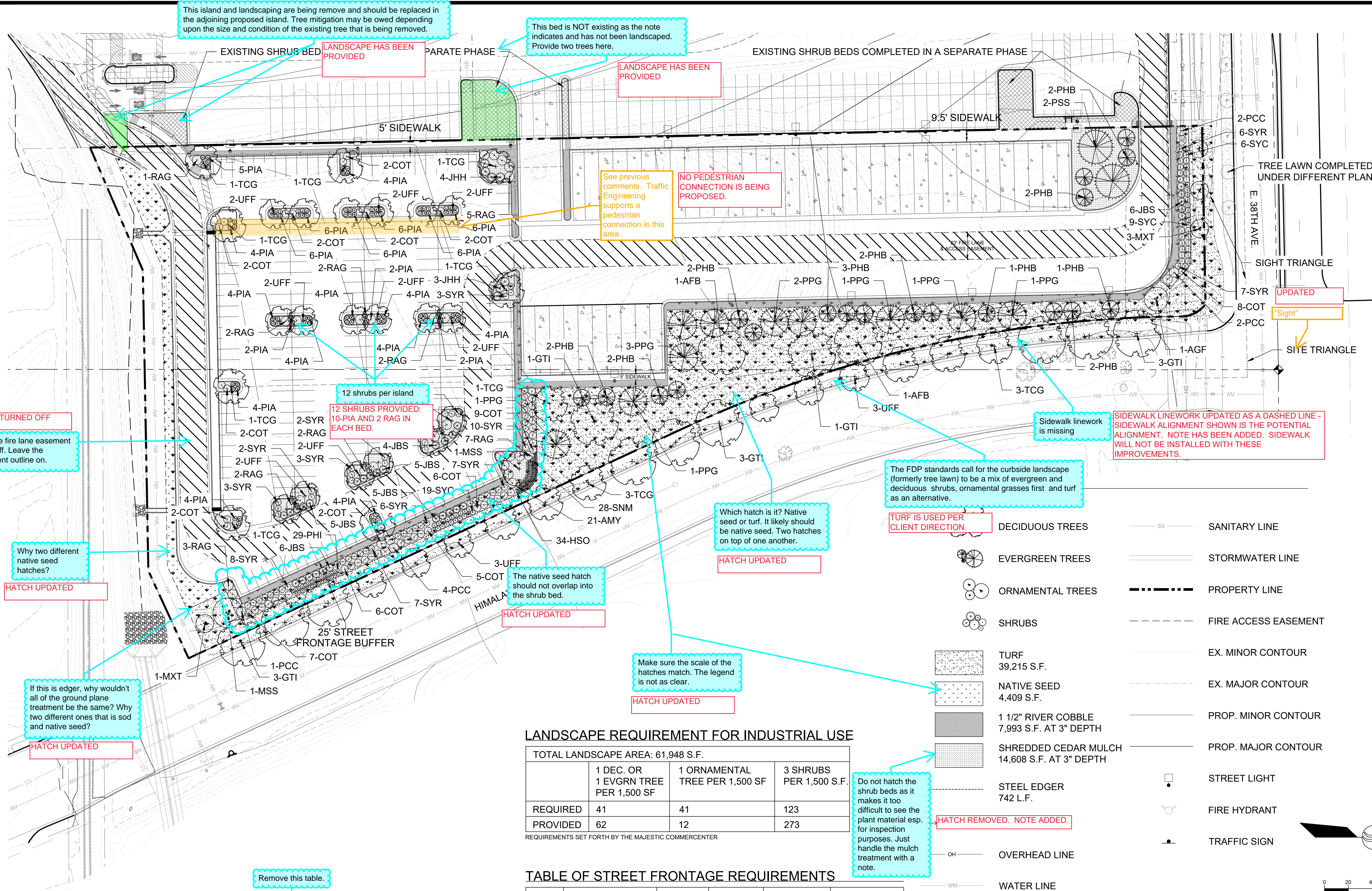
NOT FOR CONSTRUCTION



LEGEND:

—	PROPERTY LINE
WM —	EXISTING WATERLINE & VALVE
⊕	EXISTING FIRE HYDRANT
G —	EXISTING GAS LINE
T —	EXISTING TELEPHONE LINE
E —	EXISTING ELECTRIC LINE
CATV —	EXISTING CABLE TV LINE
OH —	EXISTING OVERHEAD LINE
FO —	EXISTING FIBER OPTIC LINE
I —	EXISTING IRRIGATION LINE
X — X	PROPOSED FENCE
⊙	EXISTING LIGHT POLE
⊙	PROPOSED LIGHT POLE





LANDSCAPE REQUIREMENT FOR INDUSTRIAL USE

TOTAL LANDSCAPE AREA: 61,948 S.F.				
	1 DEC. OR 1 EVGRN TREE PER 1,500 SF	1 ORNAMENTAL TREE PER 1,500 SF	3 SHRUBS PER 1,500 S.F.	
REQUIRED	41	41	123	
PROVIDED	62	12	273	

REQUIREMENTS SET FORTH BY THE MAJESTIC COMMERCCENTER

TABLE OF STREET FRONTAGE REQUIREMENTS

AREA	DESCRIPTION	LENGTH	NOTES	TREES REQUIRED (1 / 40')	TREES PROVIDED
A	E. 38TH AVE.		TREE LAWN COMPLETED UNDER DIFFERENT PLAN		
B	HIMALAYA R.O.W	830'		21	21

REQUIREMENTS SET FORTH BY THE CITY OF AURORA

WATER CONSERVATION TABLE:

NON-WATER CONSERVING (SOD)	40,643 S.F.	61%
WATER CONSERVING (NATIVE AND SHRUBS)	17,589 S.F.	27%
NON-IRRIGATED (RIVER COBBLE)	7,993 S.F.	12%
TOTAL LANDSCAPE AREA	66,225 S.F.	100%

REQUIREMENTS SET FORTH BY THE CITY OF AURORA

STREET FRONTAGE, STREET PERIMETER, & SPECIAL BUFFERS

AREA	DESCRIPTION	LENGTH	WIDTH REQUIRED	WIDTH PROVIDED	REQUIRED / PROVIDED	
					TREES	SHRUBS
A	STREET FRONTAGE, 38th AVE. (NORTH)	141'	25'	35'	4 / 3	36 / 46
B	STREET FRONTAGE, HIMALAYA ROAD	1,001'	10'	25'	25 / 34	250 / 230

REQUIREMENTS SET FORTH BY THE CITY OF AURORA
Turf is used per client direction.
Property line prevents the use of larger trees.

Should be 33% or less. Make the large sod areas native seed. No need to have high water use sod in those spaces.

HATCH TURNED OFF
Turn the fire lane easement hatch off. Leave the easement outline on.

Why two different native seed hatches?

HATCH UPDATED

If this is edger, why wouldn't all of the ground plane treatment be the same? Why two different ones that is sod and native seed?






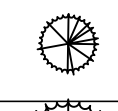
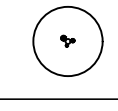
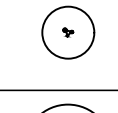
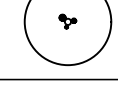
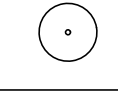
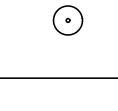
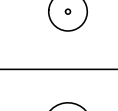
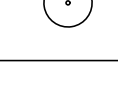


HATCH UPDATED

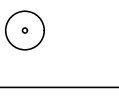
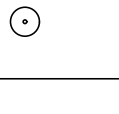
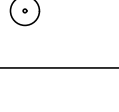
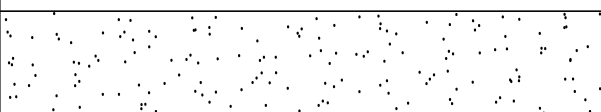
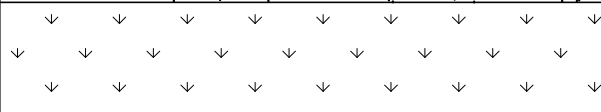
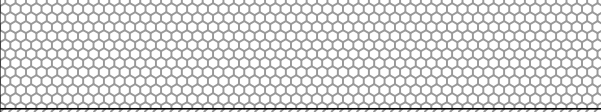

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TABLE REMOVED

TOTAL LANDSCAPE REQUIREMENTS

AURORA TREES TOTAL REQUIRED: 29
MAJESTIC TREES TOTAL REQUIRED: 82
TREES PROVIDED: 74
AURORA SHRUBS TOTAL REQUIRED: 287
MAJESTIC SHRUBS TOTAL REQUIRED: 123
SHRUBS PROVIDED: 273
SHRUBS SUBSTITUTED FOR TREES AT 10 SHRUBS / 1 TREE: 15 TREE EQUIVALENTS

PLANT SCHEDULE						
DECIDUOUS TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	AFB	2	Acer x freemanii 'Jeffersred' / AUTUMN BLAZE MAPLE	2.5" Cal.	Single Stem B&B	Med.
	GTI	11	Gleditsia triacanthos inermis 'Imperial' / IMPERIAL HONEYLOCUST	2.5" Cal.	Single Stem B&B	Low
	TCG	16	Tilia cordata 'Greenspire' / GREENSPIRE LINDEN	2.5" Cal.	Single Stem B&B	Med.
	UFF	24	Ulmus x 'Frontier' / AMERICAN ELM	2.5" Cal.	Single Stem B&B	Med.
TOTAL		53				
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	PPG	10	Picea pungens glauca 'Fat Albert' / FAT ALBERT SPRUCE	10' Height	B&B	Low / Med.
	PHB	19	Pinus heldreichii / BOSNIAN PINE	6'-10' Height	B&B	Low
	PSS	2	Pinus sylvestris / SCOTCH PINE	6'-10' Height	B&B	Low
TOTAL		31				
ORNAMENTAL TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	AGF	1	Acer ginnala 'Flame' / FLAME AMUR MAPLE	2" Cal.	Single Stem B&B	Low
	MXT	4	Malus x 'Thunderchild' / THUNDERCHILD CRABAPPLE	2" Cal.	Single Stem B&B	Low
	MSS	1	Malus x 'Spring Snow' / SPRING SNOW CRABAPPLE	2" Cal.	Single Stem B&B	Low
TOTAL		6				
MEDIUM DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	COT	57	Cotoneaster horizontalis / ROCK COTONEASTER	5 Gal.	Container	Med.
	PHI	29	Philadelphus 'Snowbelle' / SNOWBELLE MOCKORANGE	5 Gal.	Container	Med.
	SYC	34	Symphoricarpos x doorenbosii 'Magic Berry' / COMMON SNOWBERRY	5 Gal.	Container	Low / Med.
	SYR	72	Syringa patula 'Miss Kim' / MISS KIM LILAC	5 Gal.	Container	Xeric
TOTAL		192				
TALL DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	PCC	9	Prunus x cistena / CISTENA PLUM	5 Gal.	Container	Low / Med.
TOTAL		9				
LOW SPREADING DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	RAG	28	Rhus aromatica 'Gro-Low' / DWARF FRAGRANT SUMAC	5 Gal.	Container	Low / Med.
TOTAL		28				
MEDIUM EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	JBS	31	Juniperus horizontalis 'Blue Chip' / BLUE CHIP JUNIPER	5 Gal.	Container	Low
	PIA	91	Picea abies 'Little Gem' / LITTLE GEM NORWAY SPRUCE	5 Gal.	Container	Low
TOTAL		122				
LOW SPREADING EVERGREEN SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	TYPE	WATER USAGE
	JHH	7	Juniperus horizontalis 'Hughes' / Hughes Juniper	5 Gal.	Container	Low
TOTAL		7				

PERENNIALS / SHRUB AREAS	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	TYPE	WATER USAGE
	AMY	21	Achillea 'Moonshine' / MOONSHINE YARROW	1 Gal.	Container	Xeric
	HSO	34	Hemerocallis x 'Stella D'Oro' / STELLA D'ORO DAYLILY	1 Gal.	Container	Low
	SNM	28	Salvia nemorosa 'May Night' / MAY NIGHT SALVIA	1 Gal.	Container	Xeric
TOTAL		83				
		40,643 SF	Sod - RTF Sod, or approved equal			Med.
		4,409 SF	Native Seed Mix - Low Grow Mix, or approved equal			Low
		7,993 SF	Rock Mulch - 1 1/2" dia. river rock mulch, or approved equal			N/A
		13,180 SF	Mulch - Shredded Cedar Mulch			N/A

NATIVE SEED INFORMATION

LOW GROW MIX:
30% EPHRAIM CRESTED WHEATGRASS
25% SHEEP FESCUE
20% PERENNIAL RYE
15% CHEWINGS FESCUE
10% CANADA BLUE GRASS
SEEDING RATE:
DRYLAND - 20-25 LBS/AC
AVAILABLE THROUGH: ARKANSAS VALLEY SEED, INC.
4300 MONACO STREET
DENVER, CO 80216
P: 303.320.7500
WEB: WWW.AVSEEDS.COM

RTF SOD, OR APPROVED EQUAL
AVAILABLE THROUGH: GREEN VALLEY TURF CO.
13159 N. US HIGHWAY 85
LITTLETON, CO 80125
P: 303.798.6764
WEB: WWW.GVT.NET

GENERAL NOTES

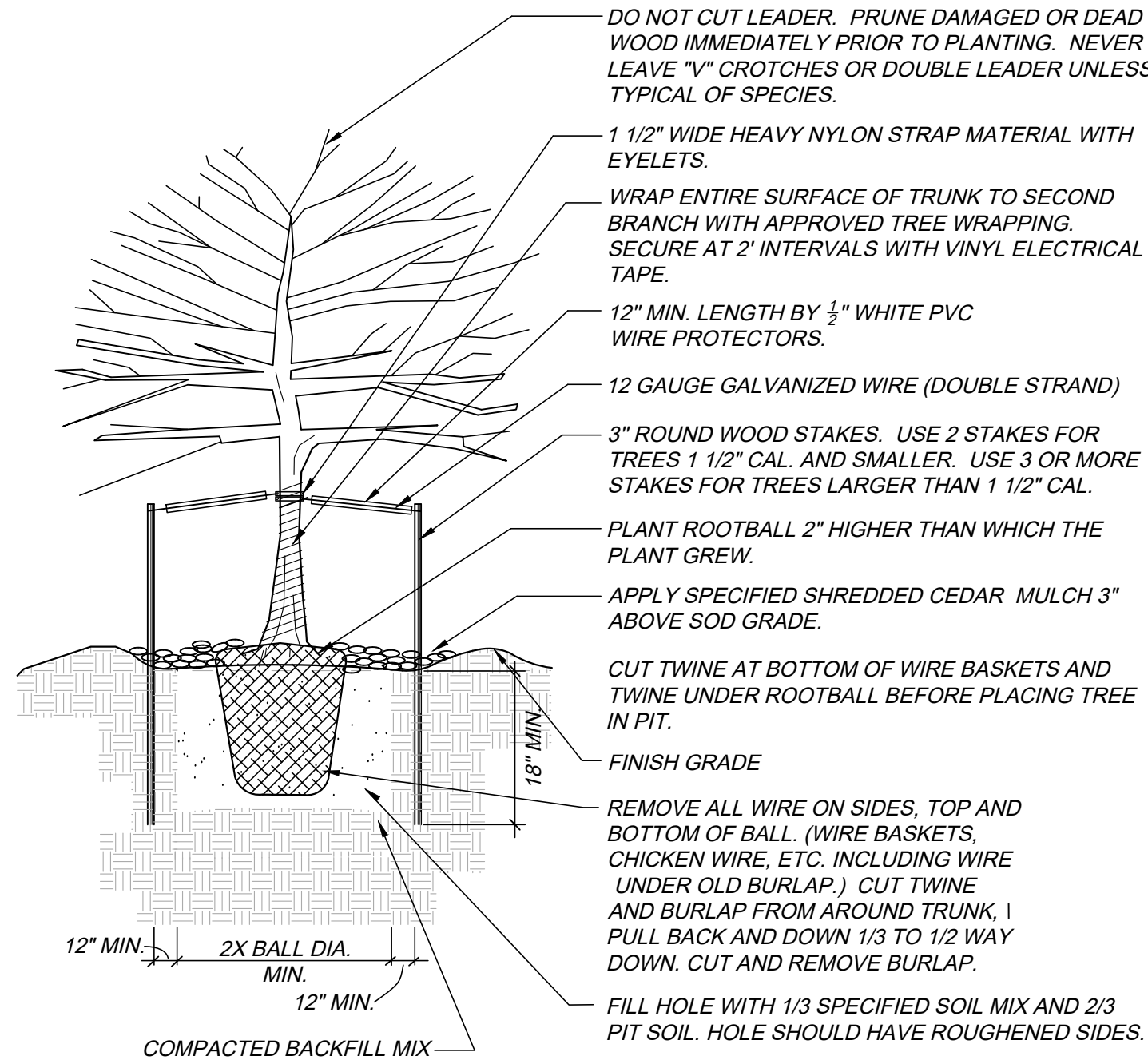
1. THE LANDSCAPING SHOWN ON THIS PLAN REPRESENTS THE MINIMUM LEVEL OF IMPROVEMENTS TO BE INSTALLED BY THE DEVELOPER, SUCCESSORS, OR ASSIGNS.
2. ALL TREES SHALL BE A MINIMUM OF 10' FROM EXISTING WATER LINE OR IRRIGATION MAINLINE (IF POSSIBLE).
3. DEVELOPER SHALL ENSURE THAT THE LANDSCAPE PLAN IS COORDINATED WITH THE PLANS PREPARED BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE, OR OTHER CONSTRUCTION DOES NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS AS DESIGNATED ON THIS PLAN.
4. NO SLOPES TO EXCEED 3:1

CITY OF AURORA STANDARD NOTES AND TABLES

1. SOIL PREPARATION SHALL BE FOUR CUBIC YARDS OF ORGANIC MATERIAL PER 1,000 SF OF AREA MINIMUM.
2. FREE STANDING LIGHTS SHALL CONSIST OF THE FOLLOWING THREE FIXTURES: 400W METAL HALIDE, FULL CUTOFF SINGLE CURVILINEAR TYPE FIXTURES MOUNTED ON ROUND TAPERED STEEL POLES; 400 METAL HALIDE, FULL CUTOFF 2-HEAD CURVILINEAR TYPE FIXTURES MOUNTED ON ROUND TAPERED STEEL POLES; AND 400W METAL HALIDE, FULL CUTOFF SINGLE HEAD CURVILINEAR TYPE FIXTURES MOUNTED ON BUILDING. SEE LIGHTING PLAN.
3. SURFACE MATERIALS OF WALKS AND PLAZAS SHALL BE CONCRETE. SURFACE MATERIAL OF VEHICULAR DRIVES AND PARKING LOTS SHALL BE ASPHALT.
4. ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
5. 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.
6. ALL LANDSCAPED AREAS AND PLANT MATERIAL, EXCEPT FOR NON-IRRIGATED NATIVE, RESTORATIVE, AND DRYLAND GRASS AREAS THAT COMPLY WITH REQUIREMENTS FOUND IN SEC. 146-1429 AND/OR SEC. 146-1435 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.
7. 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.
8. A FIVE FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.
9. LANDSCAPING MATERIAL SHOWN WITHIN THE SITE PLAN CANNOT ENCROACH INTO ROADWAYS THAT ARE DEDICATED (OR DESIGNATED) AS FIRE LANE EASEMENTS (OR CORRIDORS).
10. ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

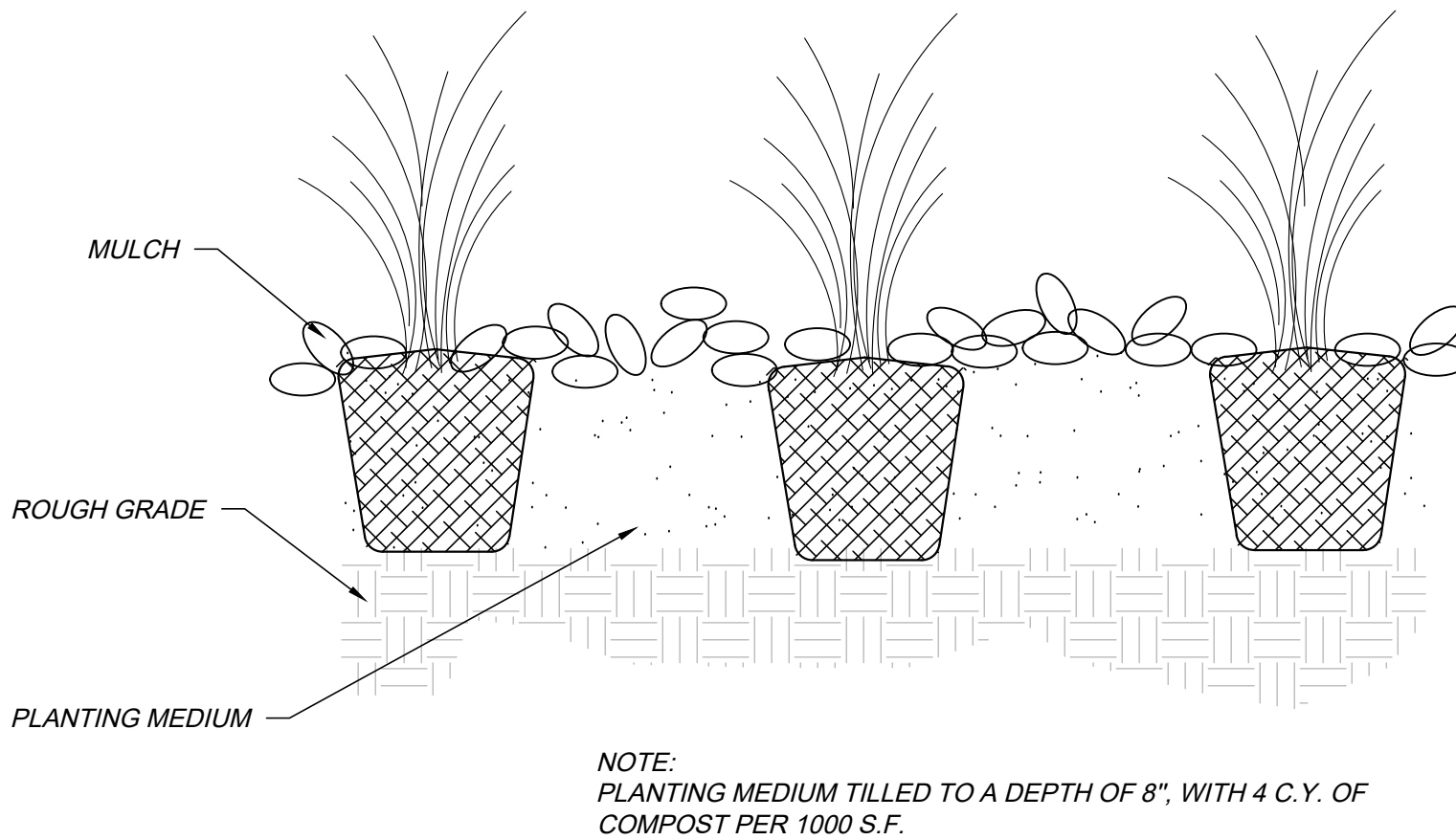
MAJESTIC LANDSCAPE NOTES

1. THE LANDSCAPE PLAN PROVIDED FOLLOWS THE CITY OF AURORA LANDSCAPE ORDINANCE AND REQUIREMENTS AND THE MAJESTIC COMMERCENTER MASTER PLAN. DATED 2000.



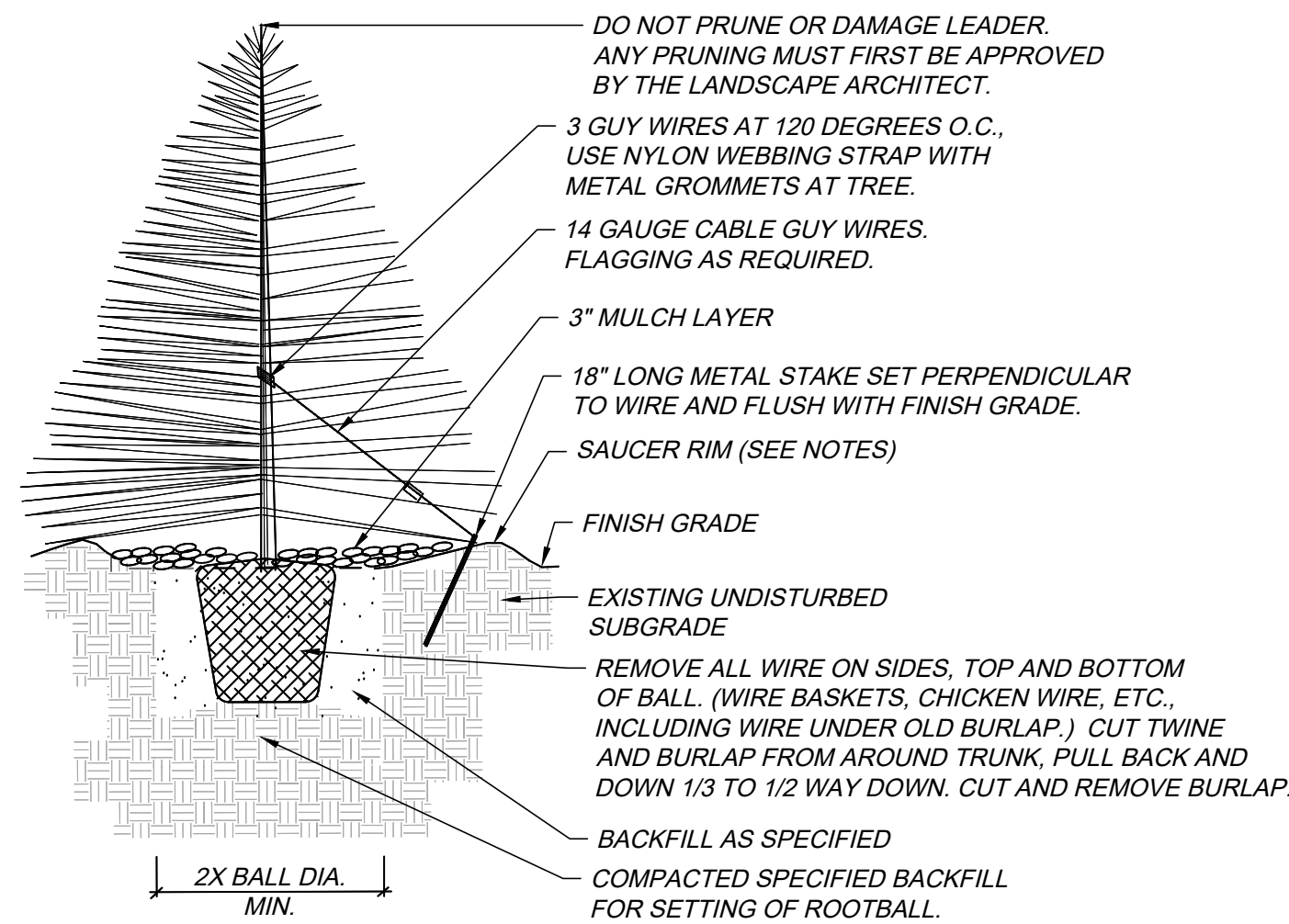
DECIDUOUS TREE PLANTING DETAIL

N.T.S.



PERENNIAL PLANTING

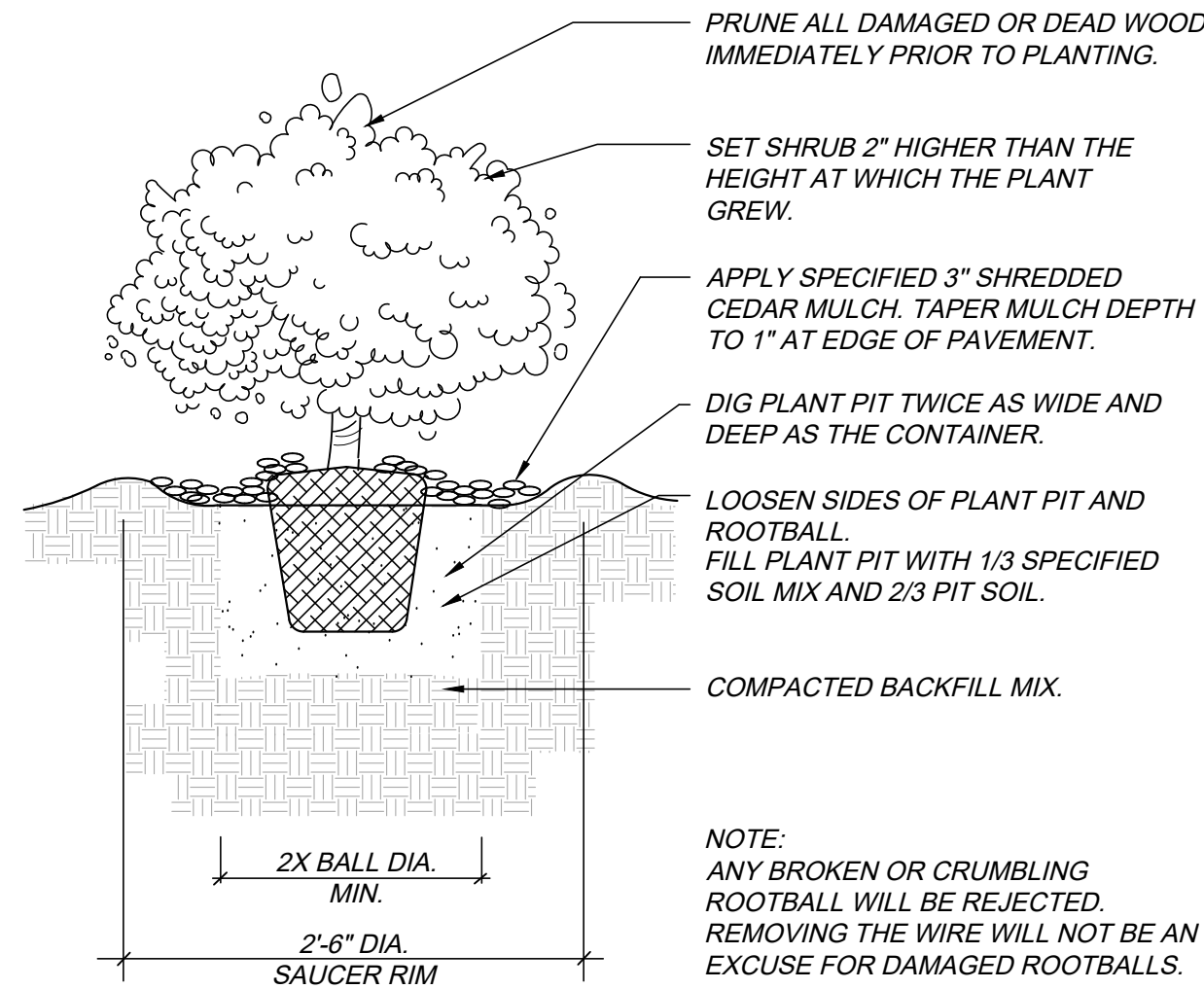
N.T.S.



- NOTES:
1. TREE WILL BE PLANTED TO HAVE SAME RELATIONSHIP TO FINISH GRADE AS ITS PREVIOUS RELATIONSHIP TO FINISH GRADE.
 2. WATER THOROUGHLY AT THE TIME OF PLANTING. DO NOT FERTILIZE AT THE TIME OF PLANTING.
 3. SAUCER RIM IS TO BE ON DOWNHILL SIDE ONLY WHEN TREES ARE PLANTED ON SLOPES, BUT SHALL COMPLETELY SURROUND TREE WHEN ON LEVEL GROUND.

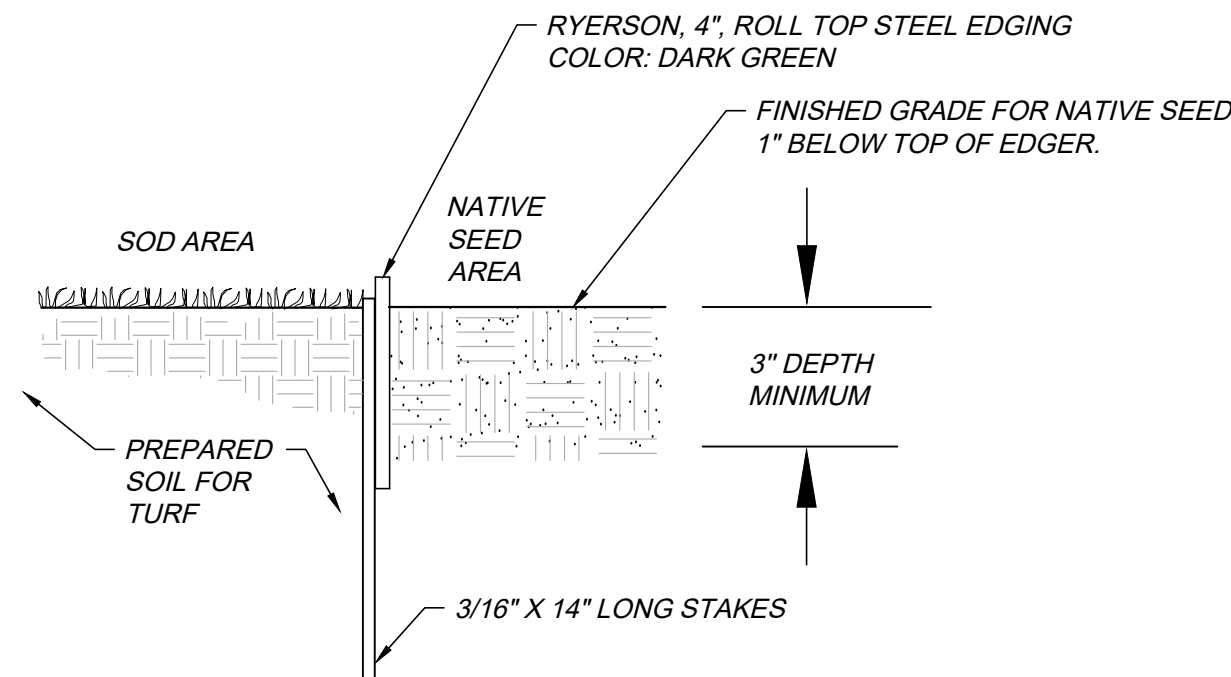
EVERGREEN TREE PLANTING DETAIL

N.T.S.



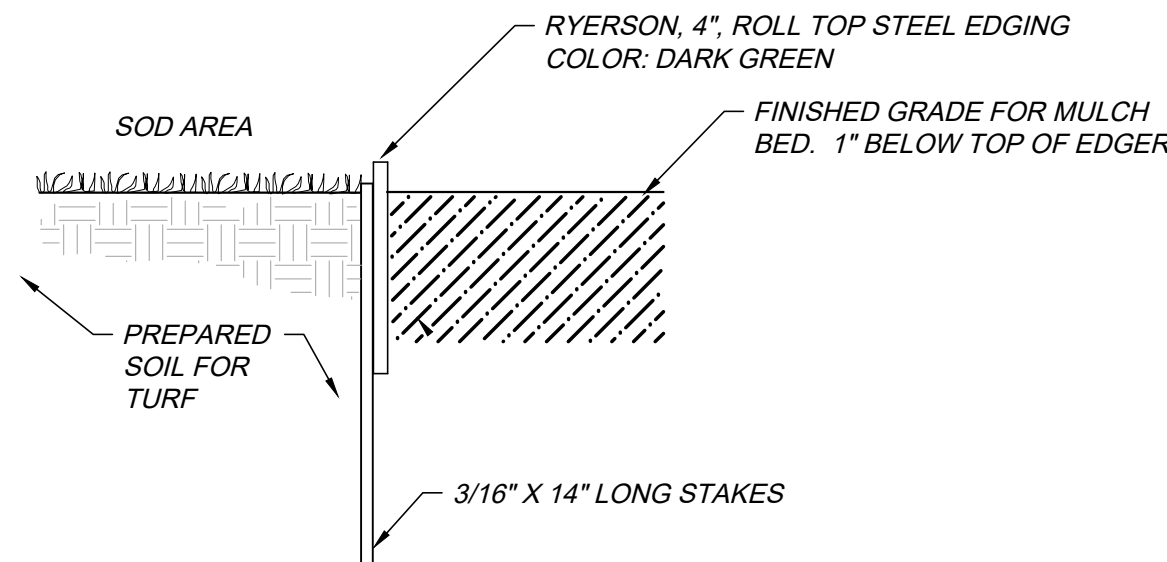
SHRUB PLANTING DETAIL

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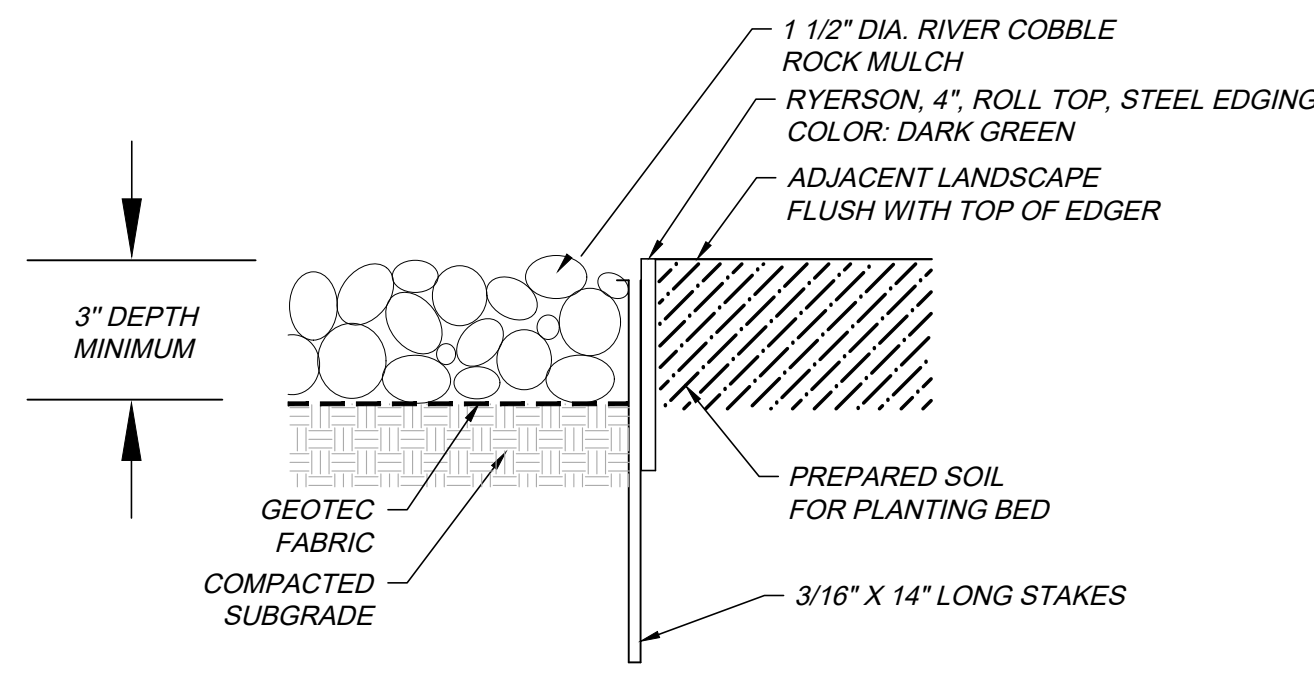
EDGER DETAIL - NATIVE SEED AND PLANT BED

N.T.S.



EDGER DETAIL - SOD AND PLANT BED

N.T.S.



EDGER DETAIL - ROCK MULCH AND PLANT BED

N.T.S.

WARE MALCOMB
CIVIL ENGINEERING & SURVEYING

990 south broadway
suite 230
denver, co 80209
p 303.561.3333
waremalcomb.com

associates inc.
2503 5th Ave South, Ste 101
Aurora, Colorado 80017
303-770-7201 FAX 170-7132

FOR AND ON BEHALF
OF WARE MALCOMB

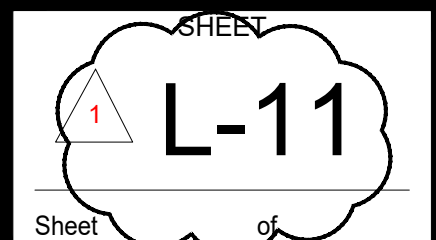
MAJESTIC COMMERCENTER

FILING NO. 8 & 11

1ST MAJOR AMENDMENT

NO.	DATE	REMARKS									
		MAJOR AMENDMENT									
1	01-03-2020	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##
##	##	##	##	##	##	##	##	##	##	##	##

JOB NO.:	7728-009
PA / PM:	JG
DRAWN BY:	CB
DATE:	01-03-2020
PLOT DATE:	



Sheet

of

NOT FOR CONSTRUCTION

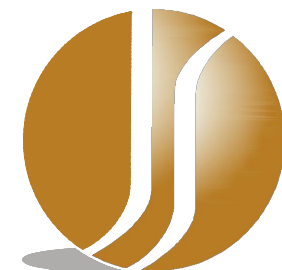
ELECTRICAL GENERAL NOTES:

1. BASE BUILDING SPECIFICATIONS, DRAWINGS, AND LATEST REVISION OF CONTRACT DOCUMENTS FOR ELECTRICAL WORK SHALL APPLY TO ELECTRICAL DRAWINGS.
2. ALL WORK SHALL BE DONE IN COMPLIANCE WITH THE TENANT FINISH SPECIFICATIONS, DRAWINGS, AND LATEST REVISIONS OF ALL NATIONAL CODES SUCH AS THE N.E.C., N.F.P.A., AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
3. ELECTRICAL CONTRACTOR SHALL VISIT SITE AND EXAMINE DRAWINGS OF OTHER TRADES ON THIS PROJECT, PARTICULARLY DEMOLITION, ARCHITECTURAL AND MECHANICAL, TO DETERMINE ANY ADDITIONAL WORK THAT MAY BE REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL INSTALLATION.
4. ELECTRICAL ITEMS AFFECTED BY REMODEL WORK ARE SHOWN ON DRAWINGS. EXISTING ELECTRICAL SHOWN IS NOT NECESSARILY INCLUSIVE. PROVIDE CONTINUITY IN ALL CIRCUITS FOR ELECTRICAL FIXTURES, DEVICES, AND EQUIPMENT THAT IS TO REMAIN. SUCH EQUIPMENT SHALL BE RECONNECTED TO EXISTING CIRCUITS.
5. ELECTRICAL CONTRACTOR SHALL ENSURE CIRCUIT CONTINUITY FOR ALL CIRCUITS WHICH ARE OR MAY BE AFFECTED BY THIS REMODEL AS WELL AS TO PREVENT ANY SINGLE CIRCUIT OVER-LOADING. REMOVE ALL EXISTING BRANCH CIRCUIT CONDUCTORS OF CIRCUITS REUSED ELSEWHERE.
6. CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRE TO REROUTE AND RECONNECT FEEDERS THAT ARE DAMAGED, DISTURBED OR AFFECTED BY THE DEMOLITION AND REMODEL WORK.
7. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR VERIFICATION OF EXISTING JOB CONDITIONS PRIOR TO BID. DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR ALTERNATIVE METHODS OF INSTALLATION THREE (3) DAYS MINIMUM PRIOR TO BIDDING THIS JOB TO ALLOW FOR ISSUANCE OF CLARIFICATIONS.
8. CONTRACTOR TO REMOVE ALL FIXTURES, SWITCHES, TELEPHONE AND ELECTRICAL OUTLETS SCHEDULED FOR DEMOLITION. ALL UNUSED POWER WIRING SHALL BE REMOVED BACK TO APPROPRIATE ELECTRICAL PANEL. ALL PHONE / DATA CABLING TO REMAIN - FOR REMOVAL PER TENANT COMMUNICATION VENDOR.
9. PROVIDE TYPEWRITTEN UPDATED PANEL DOOR DIRECTORIES FOR ALL AFFECTED PANELS REFLECTING ALL CIRCUITS WITH THEIR ACCURATE DESTINATIONS PER N.E.C. 408.4. CLEARLY MARK J-BOXES IN CEILING SPACE WITH REVISED CIRCUIT NUMBERS. THIS APPLIES TO BOTH SIDES OF THE TENANT DEMISING WALLS. FLIP ALL UNUSED AND SPARE BREAKERS TO THE "OFF" POSITION AND INDICATE "SPARE" IN PANEL INDEX.
10. PREPARE AND MAINTAIN AT JOB SITE ACCURATE UPDATED "AS-BUILT" DRAWINGS OF ALL MODIFIED WORK IN THIS CONTRACT. AT CONCLUSION OF WORK, SUBMIT ORIGINAL OR ADEQUATE LEGIBLE REPRODUCIBLE COPY TO ARCHITECT / ENGINEER FOR PREPARATION OF RECORD DOCUMENTS.
11. ALL ELECTRICAL DEVICES, CIRCUITING, ETC. SHOWN DIAGRAMMATICALLY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL LOCATION AND WIRING AVOIDING MECHANICAL AND OTHER EQUIPMENT.
12. ALL NEW AND RELOCATED MATERIALS INSTALLED IN CEILING PLENUM SHALL BE U.L. LISTING, CLASS 1 RATED.
13. SEE LEGEND, LIGHTING AND POWER NOTES, MECHANICAL, AND ARCHITECTURAL DRAWINGS FOR SUPPLEMENTAL INFORMATION ON LOCATIONS, MOUNTING HEIGHTS, ETC. DIMENSIONS ON ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS.
14. PROVIDE TELEPHONE OUTLETS WITH COVERPLATES AND ¾" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH BUSHING AND PULLWIRE. COORDINATE FURNITURE SYSTEM CONDUIT WITH MANUFACTURER / SUPPLIER ON ALL DATA / TELEPHONE RACEWAYS. CABLING BY TENANT.
15. COORDINATE ALL POWER SHUT-DOWNS WITH BUILDING MANAGEMENT / LANDLORD, MUST BE AT LEAST A 24 HOUR NOTICE.
16. CLEAN AND REPAIR ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, AND ELECTRICAL DEVICES AS NEEDED.
17. REUSE EXISTING EXIT LIGHTS. VERIFY EXISTING FIXTURE COUNT WITH ARCHITECT. PROVIDE UNIT PRICING FOR ADDITIONAL FIXTURES AS NEEDED - BUILDING STANDARD.
18. RESUPPORT ALL NEW AND EXISTING CONDUITS, LIGHTING FIXTURES, AND CABLING PER INTERNATIONAL BUILDING CODE (IBC 2015). REMOVE ALL UNUSED SUPPORTS AS REQUIRED.
19. ELECTRICAL CONTRACTOR TO CIRCUIT TRACE ALL POWER CIRCUITRY PRIOR TO INSTALLATION. CONTRACTOR TO PROVIDE ELECTRICAL ENGINEER WITH AS-BUILT DRAWINGS.
20. DO NOT SCALE DRAWINGS. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, DISTANCES, AND EXISTING CONDITIONS PRIOR TO PRICING AND INSTALLATIONS.
21. ELECTRICAL CONTRACTOR SHALL SUBMIT CUT-SHEETS AND SHOP DRAWINGS ON ALL ELECTRICAL AND MECHANICAL EQUIPMENT FOR APPROVALS. SUBMIT TO GENERAL CONTRACTOR, OWNER, TENANT, ARCHITECT, AND ENGINEERS.
22. E.C. SHALL LABEL ALL RECEPTACLE COVER PLATES WITH PANEL AND CIRCUITRY DESIGNATIONS.

GENERAL NOTE:
EQUIPMENT INTENDED TO INTERRUPT CURRENT AT FAULT LEVELS SHALL HAVE AN INTERRUPTING RATING AT NOMINAL CIRCUIT VOLTAGE AT LEAST EQUAL TO THE CURRENT THAT IS AVAILABLE AT THE LIVE TERMINALS OF THE EQUIPMENT.
EQUIPMENT INTENDED TO INTERRUPT CURRENT AT OTHER THAN FAULT LEVELS SHALL HAVE AN INTERRUPTING RATING AT NOMINAL CIRCUIT VOLTAGE AT LEAST EQUAL TO THE CURRENT THAT MUST BE INTERRUPTED.
EQUIPMENT OVER 10,000 AIC WITH DISCONNECTING MEANS MUST BE SUITABLE TO WITHSTAND THE INTERRUPTING RATING WITH CURRENT LIMITING FUSES AND REJECTION FEATURES.

ELECTRICAL LEGEND											
NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED ON THESE DRAWINGS - NOTES ON DRAWINGS SUPERCEDE THIS INFORMATION											
ONE LINE		GENERAL		POWER		LIGHTING					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION				
	PANEL BOARD		EXISTING CIRCUITRY TO BE REMOVED / REUSED		DUPLEX RECEPTACLE		STRIP LIGHT				
	PAD MOUNTED TRANSFORMER		EXISTING CIRCUITRY TO REMAIN		FOURPLEX RECEPTACLE		WRAPAROUND				
	TRANSFORMER		NEW CIRCUITRY		SPECIAL PURPOSE OUTLET		RECESSED MOUNTED				
	CURRENT TRANSFORMER		EXISTING DEVICE TO BE REMOVED / REUSED		JUNCTION BOX (J-BOX)		SURFACE MOUNTED				
	EMERGENCY GENERATOR		EXISTING DEVICE TO REMAIN		DEDICATED 20A, DUPLEX RECEPTACLE		DIRECT / INDIRECT				
	AUTOMATIC TRANSFER SWITCH		NEW / RELOCATED DEVICE		DEDICATED 20A, FOURPLEX RECEPTACLE		PARABOLIC				
	METERS		INDICATES DEVICE TYPE / SPECIFICATION / DESIGNATION		POWER POLE		DOWNLIGHTS				
	DISCONNECT SWITCHES		CIRCUIT DESIGNATION		SURFACE MOUNTED MULTI OUTLET ASSEMBLY - WIREMOLD		DIRECTIONAL WALL WASHER / ADJUSTABLE DOWNLIGHT				
	CIRCUIT SWITCHES		NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS		SURFACE MOUNTED MULTI OUTLET ASSEMBLY - PLUGMOLD		WALL SCONCES INTERIOR / EXTERIOR				
	CIRCUIT BREAKERS		ISOLATED GROUND CIRCUIT DESIGNATION		FURNITURE SYSTEM JUNCTION BOXES		PENDANT LIGHT				
	GROUNDING CONNECTION		CIRCUITING - RUN CONCEALED IN WALL OR CEILING		P = POWER, T/D = TELE/DATA COMMUNICATION		TRACK LIGHT				
	OVERHEADS - 3 WIRE, 4 WIRE		CIRCUITING - RUN CONCEALED IN FLOOR OR GRADE		BLANK PLATE / COVER PLATE		KEY LESS				
	MOTOR		CONDUIT RISER - UP/DOWN		TRANSFORMER		POLE MOUNTED LIGHTS				
	FAULT CURRENT VALUE TAG		CIRCUITING - CONTINUED AS DESIGNATED		ELECTRICAL PANEL		BATTERY PACK EGRESS LIGHTS				
	FEEDER TAG		CIRCUITING - END CAP		MOTOR		BATTERY PACK EXIT LIGHTS				
	SHADED AREAS INDICATE EXISTING TO BE REMOVED.		LOW VOLTAGE CIRCUITRY		STARTER		DIRECTIONAL ARROWS				
	DASHED LINES INDICATE EXISTING TO REMAIN U.O.N.		REVISION DELTA		DISCONNECT-RATED FOR USE		COMBINATION OF BATTERY PACK EXIT / EGRESS LIGHT				
	SOLID LINES INDICATE NEW EQUIPMENT		REVISION CLOUD		THERMAL OVERLOAD SWITCH		BATTERY PACK EXTERIOR EGRESS LIGHT.				
	HIDDEN LINES INDICATE FUTURE EQUIPMENT.		DETAIL NOTES		DISPOSER WITH SWITCH		EGRESS ILLUMINATION SHALL CONFORM WITH IBC SECTION 2006. ENSURE 90 MINUTE BATTERY BACK UP.				
FIRE ALARM			EQUIPMENT		TEMPERATURE SENSOR / ROOM SENSOR		SHADED LUMINAIRES INDICATES CONNECTION TO EMERGENCY CIRCUIT, NON-SWITCHED CIRCUIT, OR 90-MINUITES SELF-CONTAINED BATTERY PACK				
SYMBOL	DESCRIPTION		DETAIL NOTES		CO2 SENSOR		SINGLE POLE SWITCH				
	REMOTE INDICATING LIGHT		DETAIL NOTES		COMBINATION FIRE / SMOKE DAMPER		INDICATES SWITCHING DESIGNATION TO LUMINAIRE				
	FLOW SWITCH		DETAIL NOTES		FIRE SMOKE DAMPER		3=3-WAY, 4=4-WAY, K=KEYED, P=PILOT, VS=VARIABLE SPEED, TO=THERMAL OVERLOAD, T=TIMER, UP/DN=UP AND DOWN, LV=LOW VOLTAGE, TO=THERMAL OVERLOAD				
	DOOR CLOSER		DETAIL NOTES		SMOKE DAMPER		DUAL LEVEL SWITCH				
	STROBE		DETAIL NOTES		CODE		WALL MOUNTED OCCUPANCY SENSOR				
	FIRE ALARM CONTROL PANEL		DETAIL NOTES		MAXIMUM PRIMARY CFM / FAN CFM		WALL MOUNTED OCCUPANCY SENSOR W/ DIMMERS				
	ANNUNCIATOR		DETAIL NOTES		MINIMUM CFM		CLG MOUNTED OCCUPANCY SENSOR WITH OVERRIDE SWITCH ON THE WALL				
	SPEAKER		DETAIL NOTES		MAXIMUM CFM		CLG MOUNTED DAYLIGHT SENSOR				
	FIREMANS PHONE JACK		DETAIL NOTES		SPECIAL DEVICE MOUNTING HEIGHT AFF		POWER PACK FOR OCCUPANCY / DAY LIGHT SENSOR				
	SMOKE DETECTOR		DETAIL NOTES		SECURITY CAMERA		DIMMER SWITCH				
	THERMAL DETECTOR		DETAIL NOTES		SECURITY CAMERA WITH PAN-TILT ZOOM DRIVE UNIT		EGRESS NIGHT LIGHT ON NON-SWITCHED CIRCUITRY				
	HORN		DETAIL NOTES		PANIC PUSH BUTTON		CEILING MOUNTED FAN				
	HORN/STROBE		DETAIL NOTES		PUSH BUTTON		SEE LIGHTING PLAN SHEET FOR ADDITIONAL INFORMATION				
	BREAKGLASS STATION, PULLSTATION		DETAIL NOTES		KEYSWITCH EXIT PUSHBUTTON						
	DUCT DETECTOR		DETAIL NOTES		CARD READER FOR ACCESS CONTROL						
MISCELLANEOUS			DETAIL NOTES		ELECTRIC CONTROLLED AND MONITORED DOOR.						
SYMBOL	DESCRIPTION		DETAIL NOTES		ELECTRIC DOOR STATUS INDICATOR DEVICE						
	CHIME		DETAIL NOTES								
	VOLUME		DETAIL NOTES								
	CEILING BOX		DETAIL NOTES								
	TELEPHONE OUTLET		DETAIL NOTES								
	DATA OUTLET		DETAIL NOTES								
	TELEPHONE / DATA OUTLET		DETAIL NOTES								
	TELEVISION OUTLET WITH		DETAIL NOTES								
	TELEPHONE OUTLET WALL +54"		DETAIL NOTES								
	TELEPHONE BOARD		DETAIL NOTES								
	CABLE TRAY		DETAIL NOTES								

MC+ CONSULTING ELECTRICAL 3700 OSAGE ST. DENVER CO. 80202 T: 720.746.9000



JANSEN STRAWN
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45 WEST 2ND AVENUE
DENVER, CO 80223
P.303.561.3333
F.303.561.3339

FOR AND ON BEHALF OF
JANSEN STRAWN CONSULTING
ENGINEERS, INC.

BENCHMARK:

CITY OF AURORA ID #356626NW005 (OLD
ID# 16-14 1981) 3" BRASS CAP SET IN THE
NORTHWEST WINGWALL OF A
CONCRETE HEADWALL WEST OF A
NORTH-SOUTH RAILROAD TRACK ALONG
THE LIVERPOOL LANDLINE,
APPROXIMATELY AT THE SOUTH LINE OF
THE EAST 36TH AVE.
ELEVATION = 5455.101 (NAVD 88)

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BEFORE YOU DIG, GRADE OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.

No.	Description of Revisions	Date	By	Checked By
2	Re-Submittal	12/6/2019		
1	1st Major Amendment	9/16/2019		

MAJESTIC COMMERCE CENTER
SUBDIVISION FILING NO. 8
1ST MAJOR AMENDMENT
SITE ELECTRICAL PLAN

Date: 12/6/2019
Job No.: DCS19-4034-00

E5.1



SITE ELECTRICAL PLAN

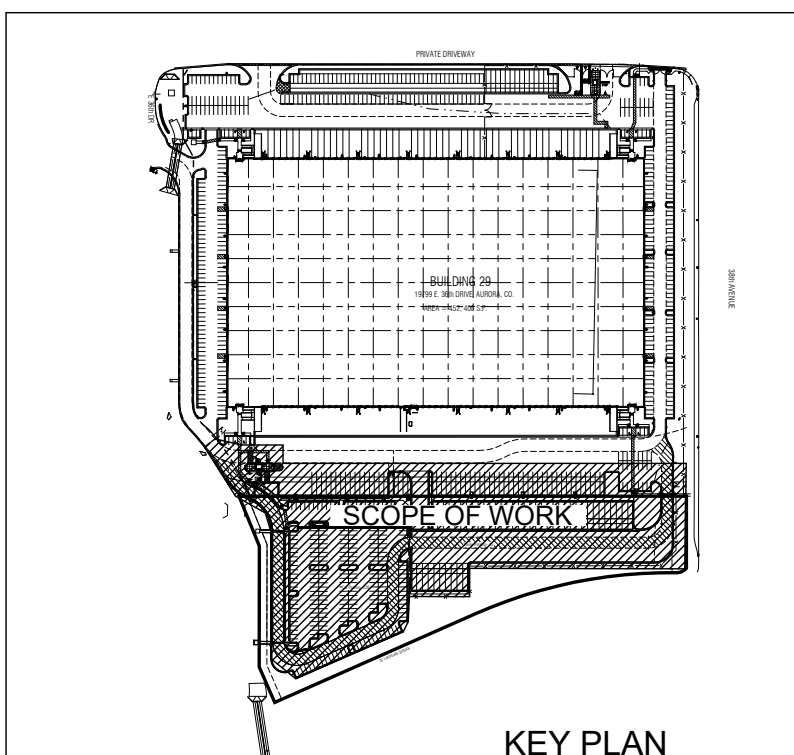
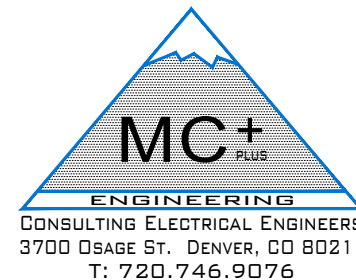
SCALE:
1" = 50'-0"

A

$$\text{VOLTAGE DROP CALCS} = \frac{2 \times 12 \times 11.9 @ 800'}{16,510} = 15V = 2.8\%$$

NEW LED HEADS @ 163 VA x 11 HEADS = 1793
TWIN HEADS @ 326 VA x 4 HEADS = 1304

Statistics					
Description	Symbol	Avg	Max	Min	Max/Min
Calc Zone #2	+	1.0 fc	5.2 fc	0.0 fc	N/A
Calc Zone #3	+	1.3 fc	10.0 fc	0.0 fc	N/A



Schedule											
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A-p9	7	Lithonia Lighting	DSX1 LED P9 40K T4M MVOLT	DSX1 LED P9 40K T4M MVOLT	LED	1	DSX1_LED_P9_40K_T4M_MVOL T.ies	26996	0.92	241
	B-p9	4	Lithonia Lighting	DSX1 LED P9 40K T4M MVOLT	DSX1 LED P9 40K T4M MVOLT	LED	1	DSX1_LED_P9_40K_T4M_MVOL T.ies	26996	0.92	482
	C-p9	6	Lithonia Lighting	DSX1 LED P9 40K T4M MVOLT HS	DSX1 LED P9 40K T4M MVOLT with housingside shield	LED	1	DSX1_LED_P9_40K_T4M_MVOL T_HS.ies	20951	0.92	241
	D-p9	1	Lithonia Lighting	DSX1 LED P8 40K T5M MVOLT	DSX1 LED P8 40K T5M MVOLT	LED	1	DSX1_LED_P8_40K_T5M_MVOL T.ies	25179	0.92	207



Project Information

Construction Site: 19799 E. 36th Drive
Aurora, CO

Allowed Exterior Lighting Power

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

Parking area (259513 ft2): Tradable Wattage

Total Tradable Proposed Watts = 3586

Exterior Lighting PASSES: Design 90% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Mami Saji		8.19.2019
Name - Title	Signature	Date



Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable
------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

Additional Comments/Assumptions:

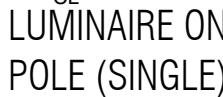
C405.2.5 [EL25] ^{null}	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable
------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------

Additional Comments/Assumptions:

C405.5.1 [F19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values
--------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------



JANSEN STRAWN
CONSULTING ENGINEERS

FOR AND ON BEHALF OF
JANSEN STRAWN CONSULTING
ENGINEERS, INC.

BENCHMARK:

CITY OF AURORA ID #3S6626NW005 (OLD ID# 16-14 1981) 3" BRASS CAP SET IN THE NORTHWEST WINGWALL OF A CONCRETE HEADWALL WEST OF A NORTH-SOUTH RAILROAD TRACK ALONG THE LIVERPOOL LANDLINE, APPROXIMATELY AT THE SOUTH LINE OF THE EAST 36TH AVE.
ELEVATION = 5455.101 (NAVD 88)

CALL UTILITY NOTIFICATION CENTER
OF COLORADO

811

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FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.**

[illegible]

**MAJESTIC COMMERCENTER
SUBDIVISION FILING NO. 8
1ST MAJOR AMENDMENT
COMCHECK & DETAILS**

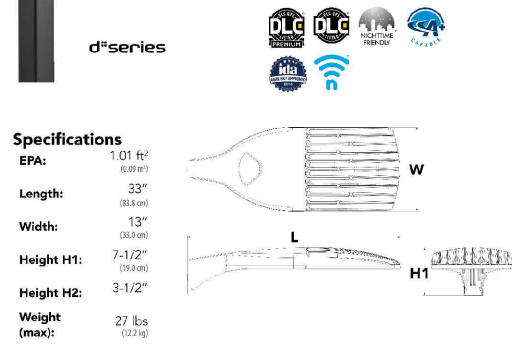
Date: 12/6/2019

Job No.: DCS19-4034-00

E6.1


Submitting Agency: The Lighting Agency WWW.THELIGHTINGAGENCY.COM P-303.455.1012	Description: DSX1 LED P9 40K T4M 480 SPA HS DDBXD Project: AMAZON PARKING EXPANSION - DEN 5 - PHASE 2 Notes:	Type: C
----------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------	-------------------

D-Series Size 1 LED Area Luminaire



CONTRACTOR TO VERIFY:	
Voltage:	Color Temp:
Colors/Finishes:	Lumens:
Mounting:	Suspension Lengths:
Drivers/Ballasts:	Other:

Introduction
The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information				EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD				
DSX1 LED								
Series	LEDs	Color temperature	Distribution	Voltage	Mounting			
DSX1 LED	Forward optics		T15	Type I (wide)	T5V5	Type V very short	MADE1	
	P1	P4	P7	40K	4000 K		120"	
	P2	P5	P8	50K	5000 K		208"	
	P3	P6	P9				240"	
	P10	P12	P13				277"	
	Retarded optics			T3M	Type II medium	TSM	Type V medium	240"
	P10	P12	P13				277"	
	P11	P14	P15				347"	
	P12	P16	P17				480"	
	P13	P18	P19				480"	
Control options				Other options		Finish options		
Shipped installed				Shipped installed		Shipped installed		
NLTAIR2 High-bay, 2' x 4' (10' x 2' needed)				SP Single-bay (120, 277, 347V)		DDBXD Dark finish		
PIRHN Network, high-bay, no ambient sensor				DF Double-bay (208, 240, 480V)		NLTAIR2 Natural aluminum		
PERS NEMA face-back receptacle only (standard, ordered separately)				DIF Diffuse indirect optics		DDBXD White		
PES Five single receptacles only (standard, ordered separately)				DOL Direct beam optics		NLTAIR2 Natural die-cast aluminum		
PIRZ2 Seven single receptacles only (standard, ordered separately)				SS Shipped separately		DDBXD Die-cast aluminum		
DDBXD 0-10V dimming via push-button, no dimmer for use with an external, ordered separately				BS Black optics		NLTAIR2 Natural die-cast aluminum		
D5 Dual sensing				EGS External gasket plate		DDBXD Dark finish		
								
One Lithonia Way • Conyers, Georgia 30013 • Phone 800-705-5788 / 7378 • www.lithonia.com				DSX1 LED Rev. 09/17/9				
© 2011 2019 Acuity Brands Lighting, Inc. All rights reserved.				Page 1 of 6				



FOR AND ON BEHALF OF
JANSEN STRAWN CONSULTING
ENGINEERS, INC.

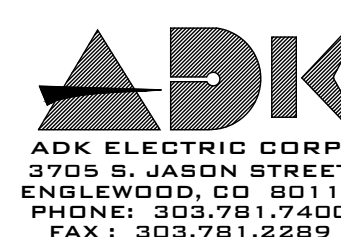
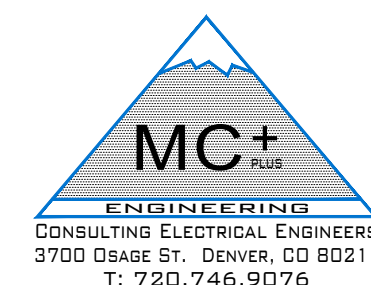
CITY OF AURORA ID #3S6626NW005 (OLD ID# 16-14 1981) 3" BRASS CAP SET IN THE NORTHWEST WINGWALL OF A CONCRETE HEADWALL WEST OF A NORTH-SOUTH RAILROAD TRACK ALONG THE LIVERPOOL LANDLINE, APPROXIMATELY AT THE SOUTH LINE OF THE EAST 36TH AVE.
ELEVATION = 5455.101 (NAVD 88)

811

[illegible]

MAJESTIC COMMERCENTER
SUBDIVISION FILING NO. 8
1ST MAJOR AMENDMENT
ELEC. ONE LINE DIAGRAM

E7.1



ALL SHADED AREAS INDICATE EXISTING TO BE REMOVED.
ALL DASHED LINES INDICATE EXISTING TO REMAIN U O N

EXISTING ELECTRICAL ONE LINE DIAGRAM

SCALE:
N.T.S.

A

MC+ ENGINEERING, LLC 3700 OSAGE STREET, DENVER, CO 80211 (P) 720.746.1537													
480/277 VOLTS, 3 PHASE, 4 WIRE PANEL " H29 " 225 AMPS													
SURFACE <input type="checkbox"/> FLUSH <input type="checkbox"/> TYPE AIC 35,000													
<input type="checkbox"/> EXISTING <input type="checkbox"/> M.L.O. <input type="checkbox"/> M.C.B. MAX ALLOWED THIS PANEL _____													
<input type="checkbox"/> NEW <input type="checkbox"/> M.C.B. MAX ALLOWED THIS PANEL _____													
DESCRIPTION	⊕	VOLT AMPS	CCT BKR	A	B	C	CCT BKR	VOLT AMPS	⊕	DESCRIPTION			
EXIT, LANDING: N, NE		650	20	1	•	2	30	5812		"H & V-2"			
EXTERIOR LIGHTING: N, NE		2944	20	3	•	4		5812					
		2944	20	2	•	5	•	6	3	5812			
EXTERIOR LIGHTING: S, SE		2208	20	7	•	8	20	2103		"H & V-1"			
		2208	20	2	•	9	•	10		2103			
EXIT, LANDING: S, SE		554	20	11	•	12	3	2103					
EXTERIOR LIGHTING: N, W		1656	20	13	•	14	30	5812		"H & V-2"			
		1656	20	2	•	15	•	16		5812			
EXIT, LANDING: W		760	20	17	•	18	3	5812					
POLE LTS: SW		1472	20	19	•	20	20	2103		"H & V-1"			
		1472	20	2	•	21	•	22		2103			
SPACE				23	•	24	3	2103					
SPACE				25	•	26				SPACE			
SPACE				27	•	28				SPACE			
SPACE				29	•	30	15	610		PANEL "MPW"			
POLE LTS: NW		1361	20	31	•	32	2	250		5 KVA			
		1361	20	2	•	33	•	34	15	125			
POLE LTS: optional site		3081	20	35	•	36	2	125		5 KVA			
		3081	20	2	•	37	•	38	45	2936			
POLE LTS: SW		1440	20	39	•	40		2360		30 KVA			
		1440	20	2	•	41	•	42	3	200	TRANSFORMER		
CONNECTED KVA NEC DEMAND % AFTER DEMAND KVA													
LIGHTING		30.3			125			37.9					
RECEPT (UNDER 10 KVA)		0.0			100			0.0					
RECEPT (EXCESS OF 10 KVA)		0.0			50			0.0					
HEAT		47.5			100			47.5					
MOTOR (LARGEST)		0.0			125			0.0					
MOTORS		0.0			100			0.0					
PANEL "L29"		5.5			100			5.5					
PANEL "MPS" & "MPW"		1.1			100			1.1					
MISC.		0.0			100			0.0					
TOTAL AFTER DEMAND LOADS PER PHASE:													
TOTAL KVA 92.0													
TOTAL AMPS 110.7													
A 32.1 B 32.2 C 27.7													

+ NEW LOADS ADDED ON EXISTING CIRCUIT BREAKER.

NO NEW LOADS ADDED													
MC+ ENGINEERING, LLC 3700 OSAGE STREET, DENVER, CO 80211 (P) 720.746.1537													
208/120 VOLTS, 3 PHASE, 4 WIRE PANEL " L29 " 100 AMPS													
SURFACE <input type="checkbox"/> FLUSH <input type="checkbox"/> TYPE AIC 10,000													
<input type="checkbox"/> EXISTING <input type="checkbox"/> M.L.O. <input type="checkbox"/> M.C.B. 100A3P MAX ALLOWED THIS PANEL													
<input type="checkbox"/> NEW <input type="checkbox"/> M.C.B. MAX ALLOWED THIS PANEL													
DESCRIPTION	Φ	VOLT AMPS	CCT BKR	A	B	C	CCT BKR	VOLT AMPS	Φ	DESCRIPTION			
POWER SUPPLY 1		500	20	1	•	2	30	2000		"RUH"			
"AHU-1,AHU-3",SERV GFI		360	20	3	•	4	2	2000					
LCP CONTROLS		200	20	5	•	6	20			SPARE			
LTS&RECEPT: elec rm		436	20	7	•	8	20			SPARE			
SPACE			20	9	•	10	20			SPARE			
SPACE			20	11	•	12	20			SPARE			
SPACE				13	•	14				SPACE			
SPACE				15	•	16				SPACE			
SPACE				17	•	18				SPACE			
SPACE				19	•	20				SPACE			
SPACE				21	•	22				SPACE			
SPACE				23	•	24				SPACE			
SPACE				25	•	26				SPACE			
SPACE				27	•	28				SPACE			
SPACE				29	•	30				SPACE			
SPACE				31	•	32				SPACE			
SPACE				33	•	34				SPACE			
SPACE				35	•	36				SPACE			
SPACE				37	•	38				SPACE			
SPACE				39	•	40				SPACE			
SPACE				41	•	42				SPACE			
CONNECTED KVA NEC DEMAND % AFTER DEMAND KVA													
LIGHTING		0.0						125		0.0			
RECEPT (UNDER 10 KVA)		0.0						100		0.0			
RECEPT (EXCESS OF 10 KVA)		0.0						50		0.0			
HEAT		4.0						100		4.0			
MOTOR (LARGEST)		0.0						125		0.0			
MOTORS		0.0						100		0.0			
MISC.		0.0						100		0.0			
MISC.		0.0						100		0.0			
MISC.		1.5						100		1.5			
TOTAL AFTER DEMAND LOADS PER PHASE:													
A 2.9 B 2.4 C 0.2										TOTAL KVA		5.5	
										TOTAL AMPS		15.3	

NO NEW LOADS ADDED											
MC+ ENGINEERING, LLC											
3700 OSAGE STREET, DENVER, CO 80211											
(P) 720.746.1537											
240/120 VOLTS, 1 PHASE, 3 WIRE PANEL " MPS " 250 AMPS											
SURFACE <input type="checkbox"/> FLUSH <input type="checkbox"/> MINI POWER ZONE TYPE AIC 10,000											
<input type="checkbox"/> EXISTING <input type="checkbox"/> M.L.O. <input type="checkbox"/>											
<input type="checkbox"/> NEW <input type="checkbox"/> M.C.B. 30A2P MAX ALLOWED THIS PANEL _____											
DESCRIPTION	Φ	VOLT AMPS	CCT BKR	A	B	CCT BKR	VOLT AMPS	Φ	DESCRIPTION		
SPARE			20	1	•	2	20	250	TELEPHONE BOARD		
SPARE			20	3	•	4	20	250	IRRIGATION		
SPACE				5	•	6			SPACE		
SPACE				7	•	8			SPACE		
SPACE				9	•	10			SPACE		
				11	•	12					
				13	•	14					
				15	•	16					
				17	•	18					
				19	•	20					
				21	•	22					
				23	•	24					
				25	•	26					
				27	•	28					
				29	•	30					
				31	•	32					
				33	•	34					
				35	•	36					
				37	•	38					
				39	•	40					
CONNECTED KVA NEC DEMAND % AFTER DEMAND KVA											
LIGHTING				0.0			125		0.0		
RECEPT (UNDER 10 KVA)				0.0			100		0.0		
RECEPT (EXCESS OF 10 KVA)				0.0			50		0.0		
HEAT				0.0			100		0.0		
MOTOR (LARGST)				0.0			125		0.0		
MOTORS				0.0			100		0.0		
MISC. (FURNITURE SYSTEM)				0.0			100		0.0		
MISC. (KITCHEN)				0.0			100		0.0		
MISC.				0.5			50		0.3		
TOTAL AFTER DEMAND LOADS PER PHASE:											
TOTAL KVA								0.3			
TOTAL AMPS								1.0			
A 0.1 B 0.1											