Boulder Amplifiers

Lot 10, Block 1 The Business Center at CTC

1585 South Arthur Ave. Louisville, Colorado

CITY COUNCIL CERTIFICATE

APPROVED THIS _____ DAY OF _____, 20___, BY THE CITY COUNCIL OF THE CITY OF LOUISVILLE, COLORADO.
RESOLUTION NO. _____ SERIES _____

MAYOR _____ CITY CLERK _____

PLANNING COMMISSION CERTIFICATE

RECOMMENDED APPROVAL THIS _____ DAY OF _____, 20 ____, BY THE PLANNING COMMISSION OF THE CITY OF LOUISVILLE, COLORADO.
RESOLUTION NO. _____ SERIES _____

CLERK AND RECORDER CERTIFICATE
(COUNTY OF BOULDER
STATE OF COLORADO)

I HEREBY CERTIFY THAT THIS INSTRUMENT WAS FILED IN MY OFFICE AT _____O'CLOCK, ____ . M., THIS _____ DAY OF _____, 20__ , AND IS RECORDED IN PLAN FILE_____, FEE _____ PAID _____ FILM NO. _____ , RECEPTION_____.

RECORDER _____ DEPUTY _____

OWNERSHIP SIGNATURE BLOCK

BY SIGNING THIS P.U.D., THE OWNER ACKNOWLEDGES AND ACCEPTS ALL THE REQUIREMENTS AND INTENT SET FORTH IN THIS P.U.D.

WITNESS OUR HANDS AND SEALS THIS ____ DAY OF _____, 20__.

_____
BOUNTIFUL, LLC. (OWNER)

_____
NOTARY

LEGAL DESCRIPTION: LOT 10, BLOCK 1, THE BUSINESS CENTER AT C.T.C. A TRACT OF LAND LOCATED IN THE NORTHWEST QUARTER OF SECTION 16, TOWNSHIP 1 SOUTH, RANGE 69 WEST, 6TH PRINCIPAL MERIDIAN, CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO.

BOULDER Amplifiers

WATER USAGE ESTIMATION

INDOOR USE	Area (S.F.)		Annual Usage (gallons)	Monthly Average (gallons)
Office/Manufacturing Manufacturing/Industrial/ Commercial/Other	22800		42000	3500
OUTDOOR USE	**Total (S.F)**	**Irrigated (S.F.)**	**Annual Usage (gallons)**	**Monthly Peak (gallons)**
Landscaping/Open Space	79,826	28,240	234,036	51,677
Turf	15,633	15,633	194,787	43,827
Drip irrigation	12,607	6,300	39,249	7,850
other--Dryland Seed	51,586 temp 51,586		1st yr only 321,380	1st yr only 64,276

NOTES:
1) Indoor Use - Estimated water usage based on usage at current facility.
2) Outdoor Use - in calculating annual irrigation usage assume 14.96 gallons of water per square-foot (24 inches of water over the irrigation season). Provide details if annual water usage is estimated to be less/more than 14.96 gallons/sq.ft.
3) Drip Irrigation Tap as defined in Section 13.12.040 B. of the Louisville Municipal Code.
4) Temporary Irrigation is acceptable for the establishment of landscaping. Temporary irrigation shall not exceed two irrigation seasons and then shall be removed.

ZONING AND PARKING INFORMATION

ZONING: INDUSTRIAL P.U.D. (THE BUSINESS CENTER AT CTC GDP)

SETBACKS (PRINCIPAL BUILDINGS):		SETBACKS (PARKING):	
FRONT (SOUTH ARTHUR):	30'	FRONT (SOUTH ARTHUR):	20'
REAR:	15'	REAR:	N/A
SIDE (NORTH):	10'	SIDE (NORTH):	10'
SIDE (SOUTH TAYLOR):	30'	SIDE (SOUTH TAYLOR):	20'

ALLOWABLE MAXIMUM BUILDING HEIGHT: 40'
(PER CITY OF LOUISVILLE IDDSG)
PROPOSED BUILDING HEIGHT: 24'-0"

PARKING:
SPACES REQUIRED:
OFFICE (5,832 S.F/250) = 23.3 SPACES
MANUFACTURING (11,368 S.F/500) = 22.7 SPACES
WAREHOUSE (5,600 S.F/1000) = 5.6 SPACES
= 51.6 SPACES

SPACES PROVIDED:
HANDICAP SPACES: 2 SPACES = 8'-0"x17'-6"* = 2 SPACES
FULL SIZE SPACES: 9'-0"x17'-6"* = 45 SPACES
TOTAL PARKING PROVIDED: = 47 SPACES

FULL SIZE /FUTURE DEFERRED SPACES: = 10 SPACES

*NOTE: 17'-6" DEEP PARKING SPACES WITH 18" OVERHANG = 19'-0" STANDARD DEPTH

SEE NOTE #8 BELOW REGARDING PARKING

GENERAL NOTES:
1. THE PROJECT IS TO BE CONSTRUCTED IN A SINGLE PHASE.
2. REFER TO CIVIL ENGINEERING DRAWINGS PREPARED BY JLB ENGINEERING CONSULTANTS FOR UTILITY, GRADING, AND DRAINAGE INFORMATION.
3. THE ESTIMATED DATE OF COMPLETION OF THE IMPROVEMENTS: JANUARY 2015.
4. CONSTRUCTION MATERIALS AS FOLLOWS:
WALLS: 8"x8"x16" SPLIT FACE CONCRETE BLOCK
TYPE A: LIGHT GRAY COLOR (SEE ELEVATIONS FOR BLOCK LOCATIONS)
TYPE B: DARK GRAY/CHARCOAL COLOR (SEE ELEVATIONS FOR BLOCK LOCATIONS)
ENTRY AREA: ARCHITECTURAL COMPOSITE OR METAL PANEL - COLOR T.B.D.
ROOF: MEMBRANE/FLAT ROOF W/METAL PARAPET CAP - RED.
ENTRY CANOPY/MISC. AWNINGS METAL - COLOR TBD
WINDOWS: NATURAL ALUMINUM STOREFRONT
5. THE PROJECT IS TO BE DESIGNED IN ACCORDANCE WITH CRITERIA SET FORTH IN THE COLORADO TECHNOLOGICAL CENTER GENERAL DEVELOPMENT PLAN AND THE CITY OF LOUISVILLE INDUSTRIAL DEVELOPMENT DESIGN STANDARDS AND GUIDELINES.
6. ALL EXISTING PUBLIC AND PRIVATE SIDEWALK, CURB, GUTTER AND ASPHALT ADJACENT TO THE PERIMETER OF THE SITE THAT IS CRACKED, SETTLED, OR OTHERWISE DAMAGED SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR, AS DETERMINED NECESSARY BY THE CITY, AS PART OF THE PROJECT, AND AT THE DEVELOPER'S EXPENSE.
7. THE RETAINING WALL MATERIAL WILL MATCH OR COMPLEMENT BUILDING MATERIALS, SUBJECT TO STAFF REVIEW AND APPROVAL THROUGH THE BUILDING PERMIT PROCESS.
8. THERE WILL BE APPROXIMATELY 25 EMPLOYEES WORKING AT THE FACILITY. PER THE IDDSG, GIVEN THE ACTUAL NUMBER OF EMPLOYEES, LIMITED NUMBER OF VISITORS AND AMOUNT OF EXCESS LAND ON THE SITE NOT BEING USED, WE HAVE IDENTIFIED AND DESIGNATED AN AREA FOR FUTURE PARKING THAT COULD EASILY BE ADDED IF NEEDED.
9. SEE TABLE ON THIS SHEET FOR ESTIMATED WATER USAGE.
10. A R.O.W. PERMIT, DEVELOPMENT AGREEMENT AND LETTER OF CREDIT WILL BE REQUIRED FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.
11. LIMITS OF CONCRETE AND ASPHALT REMOVAL WITHIN THE PUBLIC R.O.W. SHALL BE AS DIRECTED BY PUBLIC WORKS DEPARTMENT.

LAND USE BREAKDOWN

USE	AREA	PERCENT
BUILDING COVERAGE:	22,800 S.F.	16.4%
PARKING AND DRIVES:	32,380 S.F.	23.3%
PEDESTRIAN HARDSCAPE:	3,709 S.F.	2.7%
OPEN SPACE (LANDSCAPED):	80,023 S.F.	57.6%
TOTAL: LOT SIZE	138,912 S.F. 3.189 ACRES	100%

PROJECT DATA

OWNER/CLIENT:
ARTHUR TAYLOR, LLC
3325 PRAIRIE AVENUE
BOULDER, COLORADO 80301
303-449-8220

ARCHITECT:
RVP ARCHITECTURE AND CONSULTING, P.C.
4141 ARAPAHOE AVENUE, SUITE 100
BOULDER, COLORADO 80303
303-443-5355

CIVIL ENGINEER:
JLB ENGINEERING CONSULTANTS
734 PEAR COURT
LOUISVILLE, COLORADO 80027
303-604-1634 phone

LANDSCAPE DESIGN:
NATURE'S DESIGN
15674 INDIANA GULCH ROAD
JAMESTOWN, COLORADO 80455
303-459-3333

DRAWING INDEX

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MUP	MASTER UTILITY PLAN
PH1	PHOTOMETRIC PLAN
PH2	LIGHTING CUT SHEETS
	EXISTING SITE SURVEY

VICINITY MAP
NO SCALE
NORTH

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1585 South Arthur Avenue The Business Center at CTC
Louisville, Colorado

PROJ NO: 13-08
DATE: MARCH 5, 2014
REV: 1 MAY 15, 2014

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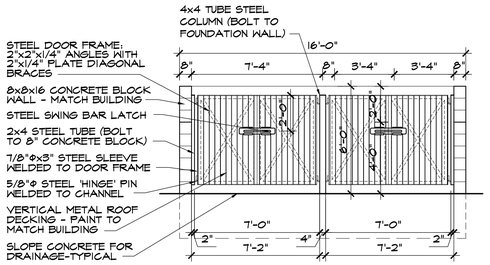
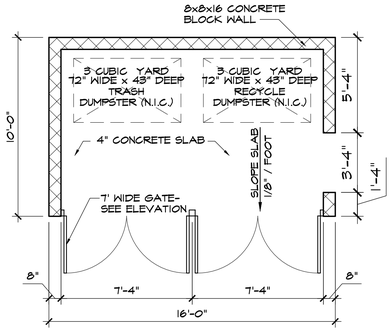
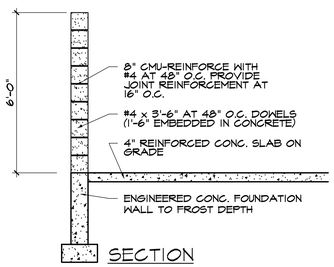
A0
COVER SHEET



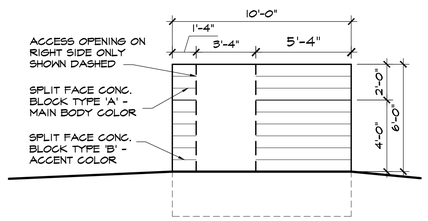
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



PLAN
SCALE: 1/4" = 1'-0"

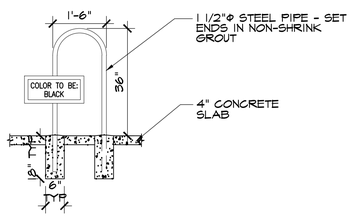


SECTION
SCALE: 3/8" = 1'-0"

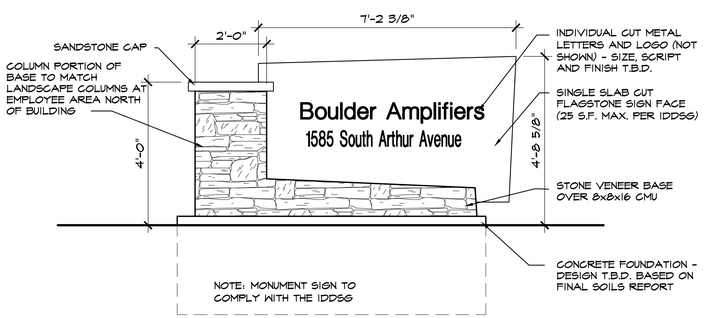


SIDE ELEVATION
SCALE: 1/4" = 1'-0"

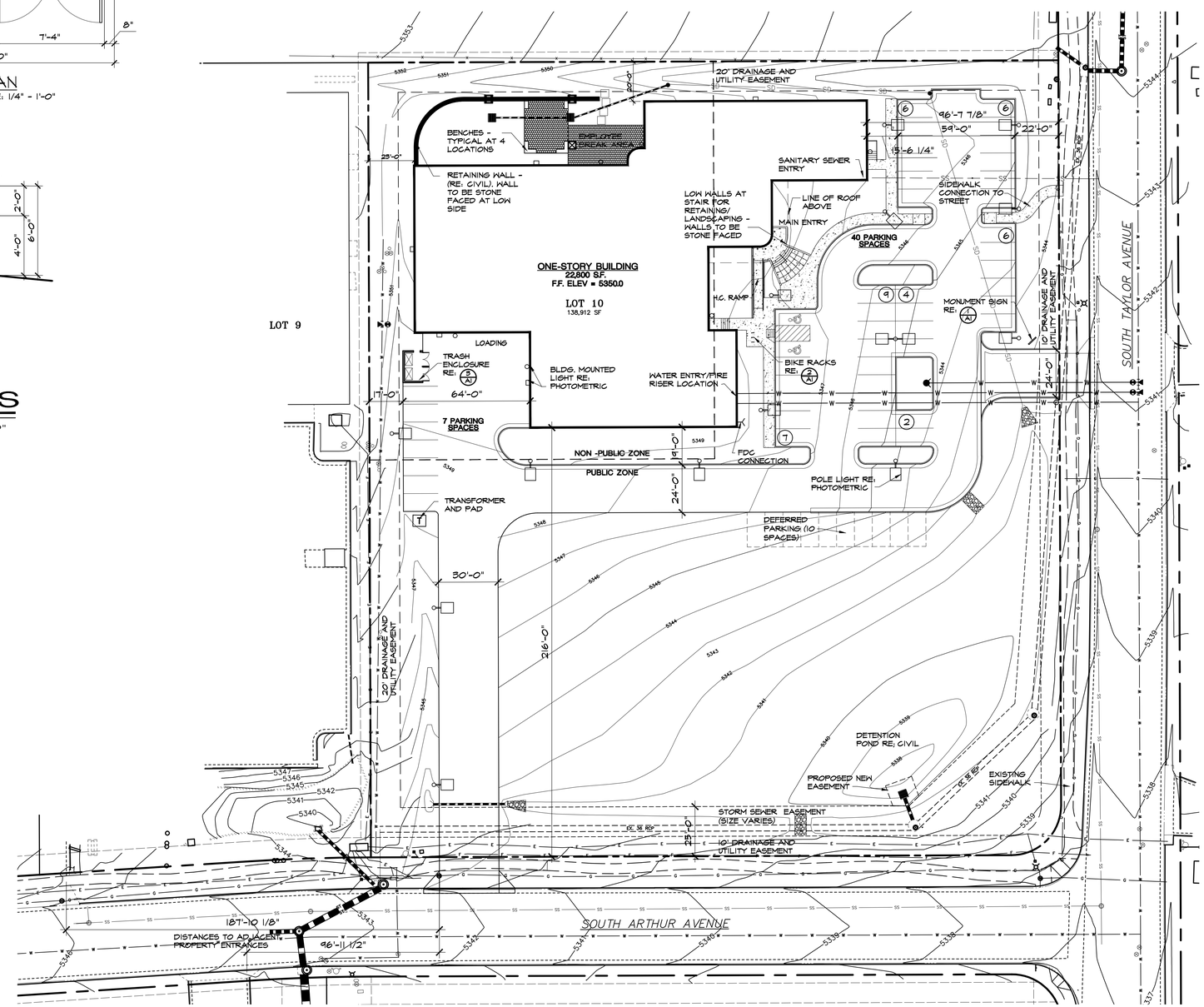
3/A1 TRASH ENCLOSURE DETAILS
SCALE: 1/4" = 1'-0"



2/A1 BIKE RACK DETAIL
SCALE: 1/2" = 1'-0"



1/A1 SIGN DETAIL
SCALE: 1/2" = 1'-0"



DEVELOPMENT PLAN
SCALE: 1" = 30'-0"

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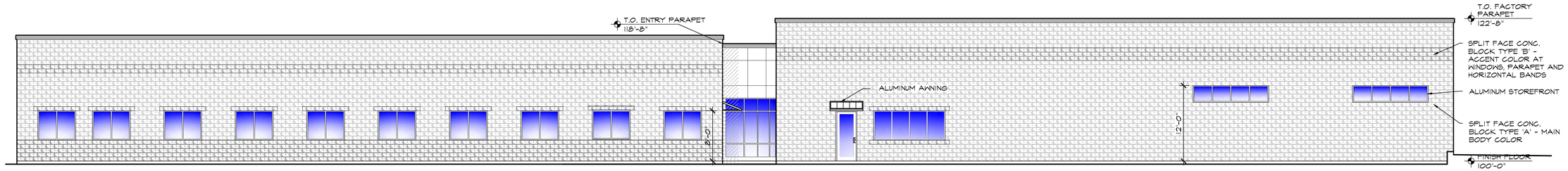
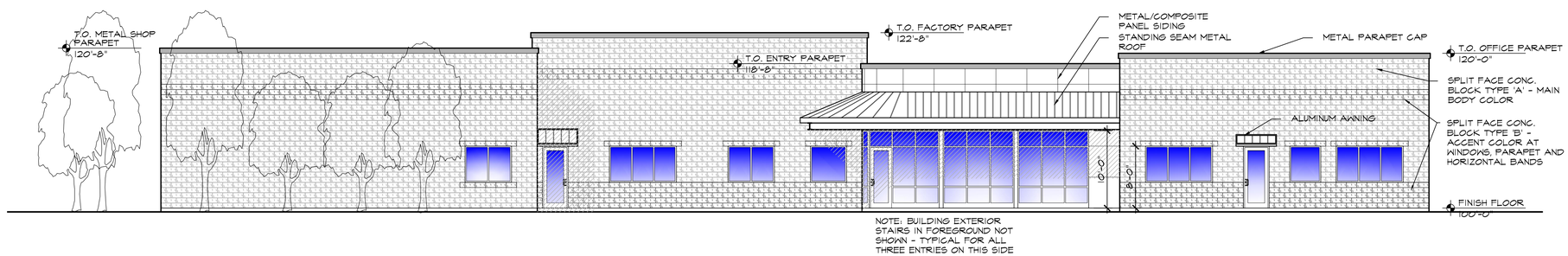
A1
SITE PLAN



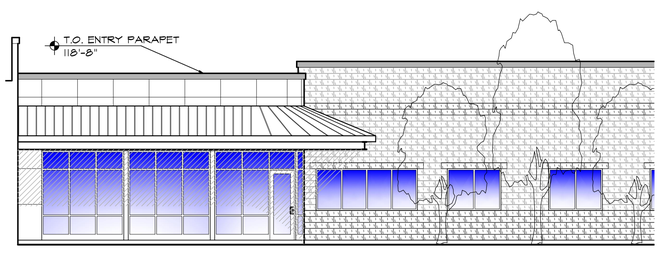
NORTH ELEVATION

SCALE: 1/8" = 1'-0"



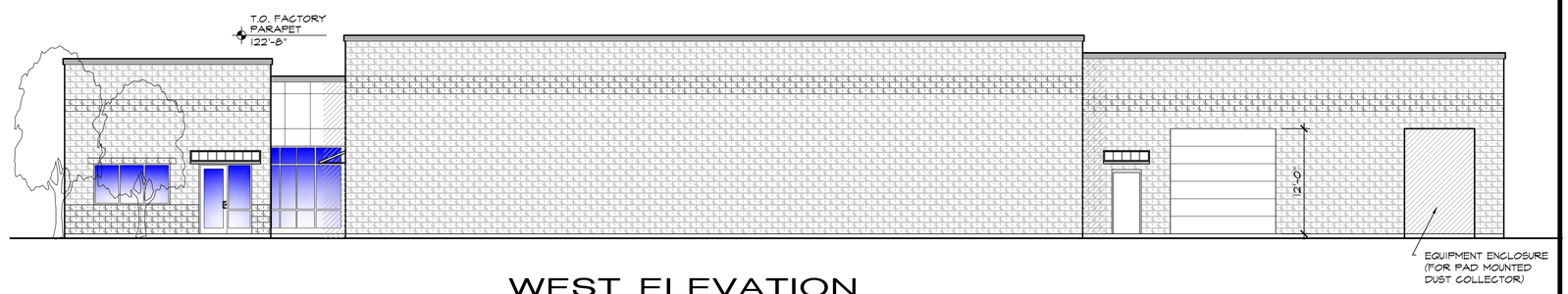
EAST ELEVATION

SCALE: 1/8" = 1'-0"



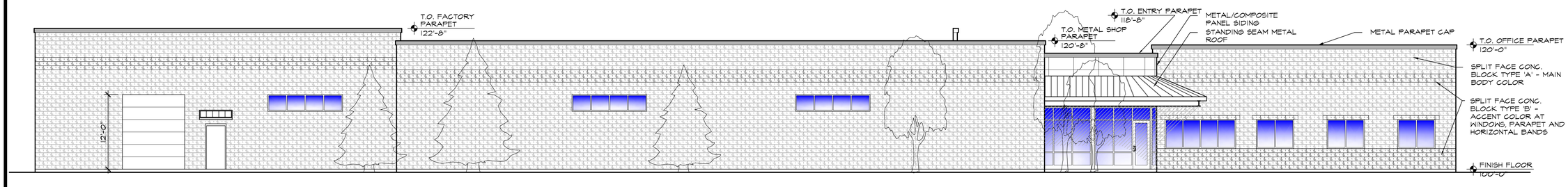
SOUTH ELEVATION (BLIND)

SCALE: 1/8" = 1'-0"



WEST ELEVATION

SCALE: 1/8" = 1'-0"



SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

NOTE: ROOF TOP UNITS TO BE SCREENED BY PAINTED METAL ROOF DECKING SUPPORTED ON STEEL POSTS. QUANTITY AND LOCATIONS OF RTU'S TO BE DETERMINED - SCREENING TO BE SHOWN OF ELEVATIONS SUBMITTED FOR BUILDING PERMIT.

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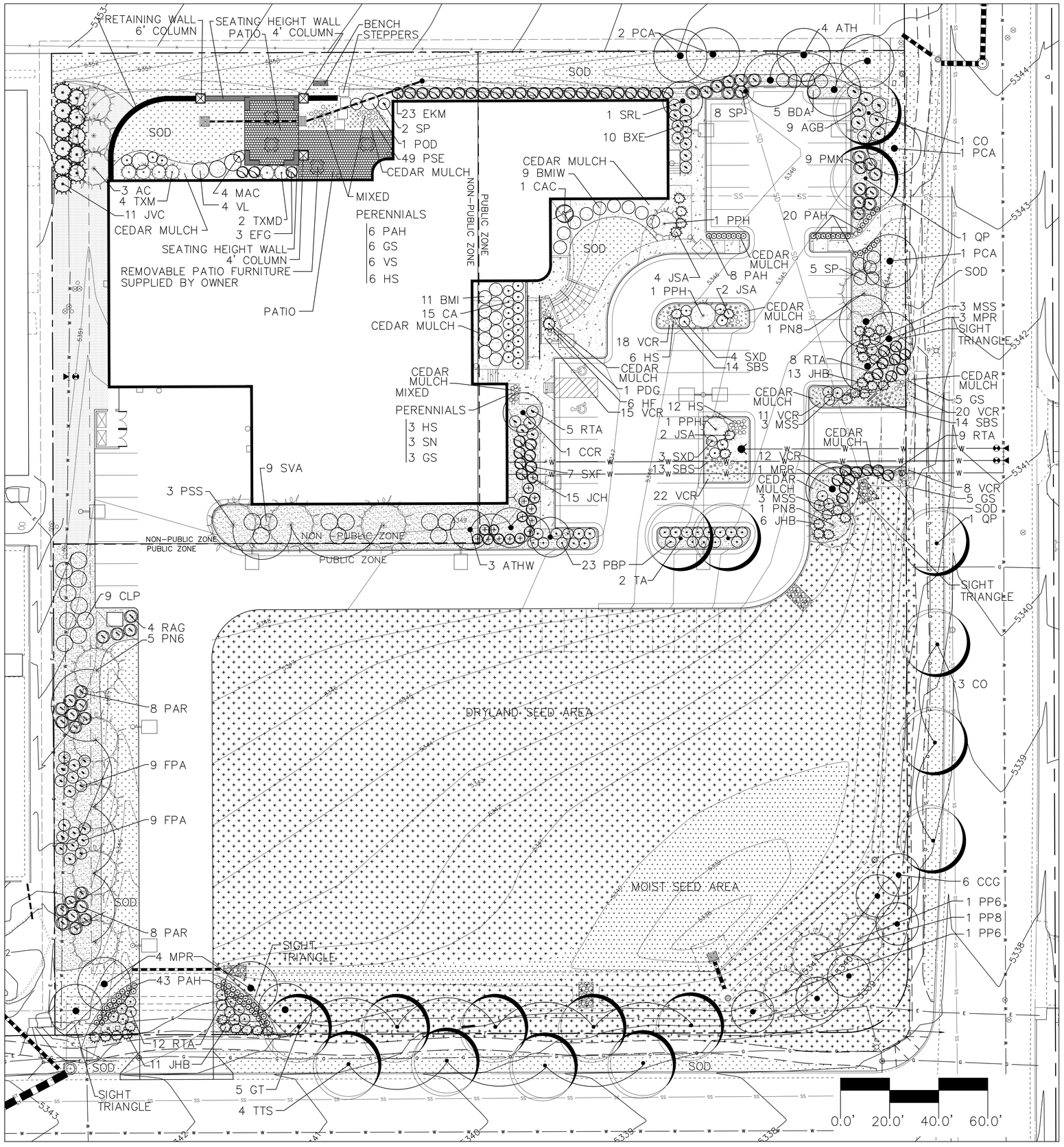
A2

ELEVATIONS



LANDSCAPE KEY

- DECIDUOUS SHADE TREES
  TWO AND ONE-HALF INCH CALIPER
- DECIDUOUS ORNAMENTAL TREES
  TWO INCH CALIPER
- DECIDUOUS ORNAMENTAL CLUMP TREES
  EIGHT TO TEN FOOT HEIGHT CLUMP
- CONIFER TREES
  SIX TO EIGHT FEET IN HEIGHT (25% EIGHT FEET)
- EVERGREEN SHRUBS
  FIVE GALLON (#5) MINIMUM CONTAINER SIZE
- DECIDUOUS SHRUBS
  FIVE GALLON (#5) MINIMUM CONTAINER SIZE
- GROUND COVERS/PERENNIALS
  ONE GALLON (#1) CONTAINER SIZE
- SOD (SEE NOTES, SHEET L-2)
- DRYLAND SEED (SEE NOTES AND SPEC, SHEET L-2)
- MOIST SEED (SEE NOTES AND SPEC, SHEET L-2)
- 2-4" HORIZON COBBLESTONE (SEE NOTES, SHEET L-2)
- 1.5" HORIZON RIVER ROCK (SEE NOTES, SHEET L-2)
- CASCADE NATURAL COLOR
  SHREDDED CEDAR MULCH (SEE NOTES, SHEET L-2)

ALL PLANTS AND TURF SHALL BE COVERED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.

IDDSG TREE REQUIREMENT

DESCRIPTION	REQUIRED	PROVIDED
PERIMETER ADJACENT TO South Taylor Avenue (375 l.f.) 1 tree per 20 l.f. including 1 large dec. per 40 l.f.	19	19
PERIMETER ADJACENT TO South Arthur Avenue (322 l.f.) 1 tree per 20 l.f. including 1 large dec. per 40 l.f.	16	16
PERIMETER ADJACENT TO WEST SIDE ABUTTING PROPERTY 200 l.f. PUBLIC ZONE) 1 tree per 30 l.f. in public zone	7	7
PERIMETER ADJACENT TO NORTH SIDE ABUTTING PROPERTY (174 l.f. PUBLIC ZONE) 1 tree per 30 l.f. in public zone	6	6
INTERIOR PARKING LOT (47 spaces) 1 tree per 16 spaces	3	3
PERIMETER ADJACENT TO BUILDING total in public zone 331 l.f. 1 tree per 30 l.f. in 50% of building perimeter in public zone	6	6
TOTAL TREES	57	57

LANDSCAPING PLAN FOLLOWS THE REGULATIONS AND THE INTENT OF CHAPTER 5 OF THE IDDSG:

PARKING IS SCREENED FROM TAYLOR AVENUE. PUBLIC ZONE IS LANDSCAPED WITH EMPHASIS ON ENTRIES FROM THE STREET AS WELL AS INTO THE BUILDING.
XERISCAPE PRINCIPLES HAVE BEEN FOLLOWED BY GROUPING LIKE PLANTS, PROPER SOIL AMENDMENT, REDUCING HIGH WATER USE TURF, AND ZONING IRRIGATION SYSTEM.

NORTH
SCALE: 1" = 20'0"

LANDSCAPE ARCHITECTURE STAMP

LANDSCAPE PLAN

Licensed Landscape Architecture
NATURE'S DESIGN ASSOCIATES LLC
15674 Indiana Gulch Rd.
Jamestown, CO 80455
phone: 303-459-3333
fax: 303-459-0644
email: martinek@ughes.net

LANDSCAPE PLAN

Boulder Amplifiers
1585 South Arthur Avenue
Louisville, Colorado

Plan Date: 03.05.14

Revisions: 05/15/14

Sheet Number: L-1

LANDSCAPE NOTES

1. ALL AREAS TO BE SODDED SHALL RECEIVE 3–5 CUBIC YARDS OF ORGANIC COMPOST PER 1000 S.F. TILLED TO A DEPTH OF 6"–10". ALL AREAS TO BE SEEDED SHALL RECEIVE 3 CUBIC YARDS OF ORGANIC COMPOST PER 1000 S.F. TILLED TO A DEPTH OF 6"–8". ALL AREAS SHALL THEN BE GRADED TO A UNIFORMLY SMOOTH GRADE.
2. SOD SHALL BE THERMAL BLUE DROUGHT TOLERANT BLUEGRASS BLEND.
3. DRYLAND SEED SHALL BE A LOW–GROWING DROUGHT TOLERANT MIX, ARKANSAS VALLEY'S LOW–GROW, OR EQUIVALENT. MOIST AREA SEED SHALL BE A MOISTURE TOLERANT MIX. SEED SHALL BE BROADCAST AND RAKED LIGHTLY INTO PREPARED SOIL. THE SEED AREA SHALL THEN BE TOP DRESSED WITH A THIN LAYER OF COMPOST. SEE SEED MIX SPECIFICATIONS THIS SHEET.
4. ALL TREES AND SHRUBS SHALL BE BACKFILLED WITH A UNIFORM MIXTURE OF 75% EXCAVATED SOIL AND 25% ORGANIC COMPOST.
5. ALL DECIDUOUS TREES SHALL BE STAKED WITH TWO 6' T–POSTS. ALL EVERGREEN TREES SHALL BE STAKED WITH THREE 2' T–POSTS. ALL POSTS SHALL BE GUYED TO THE TREE WITH 12 GAUGE WIRE ENCASED IN RUBBER HOSE.
6. ALL PLANT MATERIAL SHALL BE FULLY GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
7. LANDSCAPE PLANTING BEDS AS SHOWN ON THE PLAN SHALL RECEIVE THE FOLLOWING MULCH APPLICATIONS:
- ALL PERENNIAL AND GROUND COVER AREAS AND TREE AND SHRUB WELLS IN PLANTING BEDS, SOD, AND SEED AREAS SHALL RECEIVE A 2" LAYER CASCADE NATURAL COLOR SHREDDED CEDAR MULCH WITH NO FABRIC UNDERLAY.
- AREAS ADJACENT TO THE FRONT ENTRY TO THE BUILDING AND IN THE EMPLOYEE BREAK AREA SHALL RECEIVE A 3" LAYER OF CASCADE NATURAL COLOR SHREDDED CEDAR MULCH OVER A LAYER OF TYPAR LANDSCAPE FABRIC (SEE HATCHING ON PLAN AND LANDSCAPE KEY FOR LOCATIONS).
- ALL OTHER LANDSCAPE BEDS IN THE PUBLIC ZONE SHALL RECEIVE A 4" LAYER OF 2"–4" PIONEER "HORIZON" COBBLESTONE OVER TYPAR LANDSCAPE FABRIC.
- ALL OTHER LANDSCAPE BEDS IN THE PRIVATE ZONE SHALL RECEIVE A 3" LAYER OF 1.5" "HORIZON" RIVER ROCK OVER TYPAR LANDSCAPE FABRIC.

8. EDGING SHALL BE INSTALLED BETWEEN ALL SHRUB BEDS AND SOD OR SEED AREAS. EDGING SHALL BE JENSEN'S SALES' 14 GAUGE GREEN PAINTED EDGING , ROLL TOP, 4"X10', OR EQUIVALENT.
9. ALL PERENNIAL AND GROUND COVER AREAS SHALL BE PREPARED BY TILLING 2–3" OF ORGANIC COMPOST AND SUPER PHOSPHATE TO A DEPTH OF 8–10". THE SURFACE SHALL THEN BE GRADED TO A UNIFORMLY SMOOTH GRADE.
10. ALL SURFACE LANDSCAPING DAMAGED AS A RESULT OF MAINTENANCE ACTIVITIES WITHIN A PUBLIC UTILITY EASEMENT SHALL BE THE OBLIGATION OF THE PROPERTY OWNER TO RESTORE AT THEIR EXPENSE.
11. AT–GRADE UTILITY CABINETS OR TRANSFORMERS SHALL BE SCREENED WITH APPROPRIATE PLANT MATERIAL ON THREE SIDES. WHERE FEASIBLE, PLANT MATERIAL ALREADY SHOWN SHALL BE SLIGHTLY RELOCATED TO ACCOMPLISH SCREENING. IF NECESSARY, SHRUB BEDS SHALL BE EXTENDED OR NEW BEDS CREATED TO INCLUDE TRANSFORMER LOCATIONS. PLANTS SHALL BE PLACED SO AS TO LEAVE A CLEARANCE OF 30" AT MATURITY OF THE PLANTS AROUND THREE SIDES OF THE TRANSFORMER(S) WITH THE FRONT SIDE OPEN FOR ACCESS.
12. NO DECIDUOUS TREE SHALL BE PLANTED WITHIN 5' OF A PUBLIC SIDEWALK OR UTILITY. NO EVERGREEN TREE SHALL BE PLANTED WITHIN 10' OF A PUBLIC SIDEWALK OR UTILITY.
13. ROOT BARRIER SHALL BE PROVIDED FOR TREES PLANTED WITHIN PARKWAYS THAT ARE LESS THAN 10' WIDE.

IRRIGATION NOTES:

1. A COMPLETELY AUTOMATIC, DUAL PROGRAMMING, IRRIGATION SYSTEM COVERING ALL PLANTS AND SOD SHALL BE DESIGNED AND INSTALLED. SEEDED AREAS SHALL BE IRRIGATED AT OWNER'S DISCRETION..
2. LOW, MODERATE, AND HIGH WATER ZONES SHALL EACH BE ON SEPARATE VALVES.
3. SOD SHALL BE IRRIGATED WITH MP ROTORS AND/OR SPRAY HEADS..
4. PLANTS IN SHRUB BEDS SHALL BE DRIP IRRIGATED.
5. GROUND COVER AND PERENNIALS SHALL BE IRRIGATED WITH LOW PRESSURE POP–UP HEADS.
6. SUBSURFACE IRRIGATION SHALL BE USED IN PARKWAY AREAS LESS THAN 8' IN WIDTH.

SOD (PERMANENTLY IRRIGATED)

A DROUGHT TOLERANT MIX OF BLUEGRASS (THERMAL BLUE)

DROUGHT TOLERANT SEED MIX (TEMPORARILY IRRIG.)
(or Arkansas Valley's Low Grow Mix)

SHARPS BUFFALOGRASS(BUCHLOE DACTYLOIDES) 6.5 LBS PLS/ACRE
BUTTES SIDEOATS GRAMMA (BOUTELOUA CURTIPENDULA) 3 LBS PLS/ACRE
BUTTES HACHITA BLUE GRAMA (CHONDROSUM GRACILE) 8 LBS PLS/ACRE
BARTON WESTERN WHEATGRASS (PASCOPYRUM SMITHII) 4 LBS PLS/ACRE
NATIVE SAND DROPSEED (SCOPORBOLUS CRYPTANDRUS) 2LBS PLS/ACRE
PURPLE PRAIRIECLOVER (DALEA PURPUREA) 3–6 OZ PLS/ACRE
BLANKET FLOWER (GAILARDIA ARISTATA) 4–8 OZ PLS/ACRE
BLUE FLAX (LINUM LEWISII) 2–4 OZ PLS/ACRE
SCARLET GLOBEMALLOW (TOWNSWNDIA GRANDIFLORA) 1 OZ PLS/ACRE

MOIST AREA SEED MIX (TEMPORARILY IRRIGATED)

WOOLY SEDGE (CAREX LANUGINOSA) 0.1 LBS PLS/ACRE
NEBRASKA SEDGE (CAREX NEBRASKENSIS) 0.1 LBS PLS/ACRE
BALTIC RUSH (JUNCUS BALTICUS) 0.1 LBS PLS/ACRE
PRAIRIE CORDGRASS (SPARTINA PECTINATA) 9.5 LBS PLS/ACRE
SWITCHGRASS (PANICUM VIRGATUM) 6 LBS PLS/ACRE
WESTERN WHEATGRASS (PASCOPYRUM SMITHII) 8 LBS PLS/ACRE
ASTER (ASTER LAEVIS) 3LBS PLS/ACRE
NUTTALL'S SUNFLOWER (HELIANTHUS NUTTALLII) 1 LBS PLS/ACRE
WILD BERGAMOT (MONARDA FISTULOSA) 3 LBS PLS/ACRE

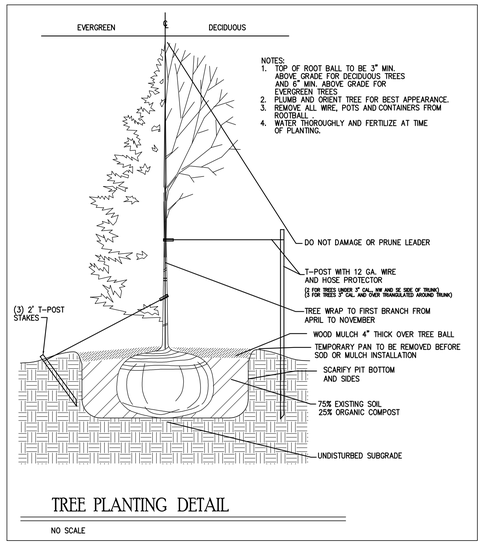
ALL SEEDED AREAS SHALL REMAIN WEED AND TRASH FREE. AFTER ESTABLISHMENT, WATERING AND MOWING SHALL BE ON AN AS–NEEDED BASIS TO COMPLY WITH CITY OF LOUISVILLE. ORDINANCE(S).

PLANT LIST

note: plant quantities provided as a courtesy only. If discrepancy between plan and plant count exists, plan takes precedence

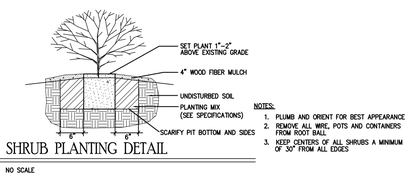
H	High water	18–20 gallons per s.f. per season
M	Moderate water	10 gallons per s.f. per season
L	Low water	0–3 gallons per s.f. per season
V	No additional irrigation water needed after establishment	

#	KEY	BOTANIC NAME	COMMON NAME	SIZE	H2o
		SHADE TREES:			
4	CO	CELTIS OCCIDENTALIS	WESTERN HACKBERRY	2.5"	L
5	GT	GLEDITSIA TRI. INERMIS	HONEYLOCUST	2.5"	L-M
2	QP	QUERCUS PALUSTRIS	PIN OAK	2.5"	M
2	TA	TILIA AMERICANA	AMERICAN LINDEN	2.5"	M
4	TTS	TILIA TOMENTOSA 'STERLING SILVER'	STERLING SILVER LINDEN	2.5"	M
		ORNAMENTAL TREES:			
4	ATH	ACER TATARICUM HOT WINGS	HOT WINGS MAPLE	2"	L
6	CCG	CRATAEGUS CRUS-GALI ENERMIS	THORNLESS COCKSPUR HAWTHORN	2"	L
8	MPR	MALUS 'PRAIRIE ROSE'	PRAIRIE ROSE CRABAPPLE	2"	L
4	PCA	PYRUS CALLERYANA 'AUTUMN BLAZE'	AUTUMN BLAZE PEAR	2"	M
		EVERGREEN TREES:			
3	AC	ABIES CONCOLOR	WHITE FIR	8'	L-M
5	PN6	PINUS NIGRA	AUSTRIAN PINE	6'	L-M
2	PN8	PINUS NIGRA	AUSTRIAN PINE	8'	L-M
2	PP6	PICEA PUNGENS	COLORADO BLUE SPRUCE	6'	L-M
1	PP8	PICEA PUNGENS	COLORADO BLUE SPRUCE	8'	L-M
3	PPH	126	HOOPSII BLUE SPRUCE	8'	L-M
3	PSS	PINUS SYLVESTRIS	SCOTS PINE	8'	L-M
		MULTI-STEMMED TREES:			
3	ATHW	ACER TATARICUM HOT WINGS	HOT WINGS MAPLE	8-10'cl	L
1	CCR	CERCIS CANADENSIS	EASTERN REDBUD	8-10'cl	M
1	SRL	SYRINGA RETICULATA	JAPANESE TREE LILAC	8-10'cl	L
63		TOTAL TREES			
		SPECIMEN SHRUBS:			
1	CAC	CORYLUS AVELLANA 'CONTORTA'	HARRY LAUDER'S WALKING STICK	#10	M
1	POD	PHYSOCARPUS OPULIFOLIUS DIABOLO	DIABOLO NINEBARK	5'	L
4	VL	VIBURNUM LENTAGO	NANNYBERRY	6'	L
11	JVC	JUNIPERUS VIRGINIANA 'CUPRESSIFOLIA'	HILLSPIRE JUNIPER	#10	L
1	PDG	PINUS DENSIFLORA 'GLOBOSA'	COMPACT TANYOSHO PINE	#15	L
		DECIDUOUS SHRUBS:			
9	AGB	ACER GINNALA 'BAILEY'S COMPACT'	COMPACT GINNALA MAPLE	#5	L
5	BDA	BUDDLEJA DAVIDII ADONIS BLUE	COMPACT BLUE BUTTERFLYBUSH	#5	M
11	BMI	BUXUS MICROPHYLLA INSULARIS 'GREEN VELVET'	GREEN VELVET BOXWOOD	#5	M
9	BMIW	BUXUS MICROPHYLLA INSULARIS 'WINTER GEM'	WINTER GEM BOXWOOD	#5	M
10	BXE	BERBERIS X EMERALD CAROUSEL	EMERALD CAROUSEL BARBERRY	#5	L
15	CA	COTONEASTER APICULATUS	CRANBERRY COTONEASTER	#5	L
9	CLP	COTONEASTER LUCIDUS	PEKING COTONEASTER	#5	L-M
3	EFG	EUONYMUS FORTUNEI 'GREENLANE'	GREENLANE EUONYMUS	#5	M
23	EKM	EUONYMUS KIAUTSCHOVICA 'MANHATTAN'	MANHATTAN EUONYMUS	#5	M
18	FPA	FALLUGIA PARADOXA	APACHE PLUME	#5	L-VL
4	MAC	MAHONIA AQUAFOLIUM COMPACTA	COMPACT OREGON GRAPE HOLLY	#5	L
9	MSS	MISCANTHUS SINENSIS 'ADAGIO'	COMPACT MAIDEN GRASS	#5	M
16	PAR	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	#5	L
23	PBP	PRUNUS BESSEYI PAWNEE BUTTES	CREEPING WESTERN SANDCHERRY	#5	L
9	PMN	PHYSOCARPUS MONOGYNUS	NATIVE NINEBARK	#5	L
4	RAG	RIBES AUREUM	YELLOW FLOWERING CURRANT	#5	L
34	RTA	RHUS TRILOBATA 'AUTUMN AMBER'	CREEPING THREE-LEAF SUMAC	#5	L
15	SP	SYRINGA PATULA	MISS KIM LILAC	#5	L
9	SVA	SYRINGA VULGARIS ALBA	COMMON WHITE LILAC	#5	L
7	SXD	SYMPHORICARPOS X DOORENBOSII 'MAG. BERRY'	PINK SNOWBERRY	#5	L
7	SXF	SPIRAEA X FLOWERING CHOICE	FLOWERING CHOICE SPIREA	#5	M
		EVERGREEN SHRUBS:			
15	JCH	JUNIPERUS CHINENSIS 'HOLBERT'	HOLBERT JUNIPER	#5	L
30	JHB	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	#5	L
8	JSA	JUNIPERUS SABINA 'SCANDIA'	SCANDIA JUNIPER	#5	L
4	TXM	TAXUS X MEDIA 'HICKSII'	UPRIGHT YEW	#5	M
2	TXMD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	#5	M
326		**TOTAL SHRUBS**			
		PERENNIALS:			
19	GS	GERANIUM SANGUINEUM	BLOODY CRANESBILL	#1	L
6	HF	HOSTA X FORTUNEI 'FRANCEE'	FRANCEE HOSTA	#1	M
27	HS	HEMEROCALLIS SP	DAYLILLY, MIXED	#1	L
77	PAH	PENNISETUM ALOPECUROIDES	HAMELN FOUNTAIN GRASS	#1	M
3	SN	SALVIA NEMOROSA 'MAY NIGHT'	PURPLE SALVIA	#1	L
6	VS	VERONICA SPICATA INCANA	SILVER SPEEDWELL	#1	L
		GROUND COVERS:			
49	PSE	PHLOX SUBULATA 'EMERALD CUSHION BLUE '	BLUE CREEPING PHLOX	#1	L
41	SBS	SEDUM 'BLUE SPRUCE'	BLUE CREEPING STONECROP	#1	L
106	VCR	VERONICA CRYSTAL RIVER	CRYSTAL RIVER SPEEDWELL	#1	L



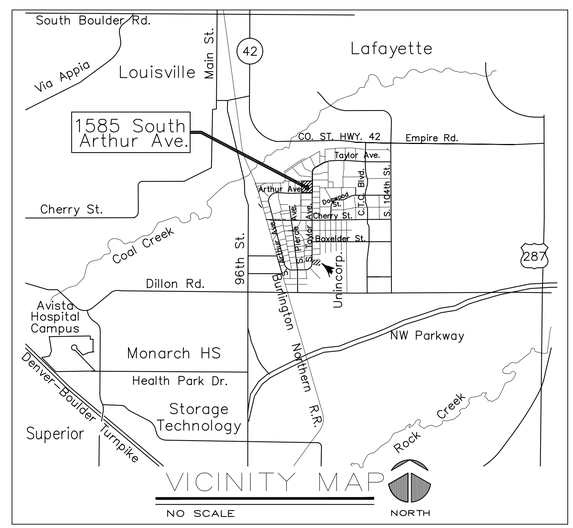
TREE PLANTING DETAIL

NO SCALE



SHRUB PLANTING DETAIL

NO SCALE



VICINITY MAP

LANDSCAPE ARCHITECTURE STAMP

LANDSCAPE DETAILS

Licensed Landscape Architecture
NATURE'S DESIGN ASSOCIATES LLC
15674 Indiana Gulch Rd.
Jamestown, CO 80455
phone: 303–459–3333
fax: 303–459–0644
email: martinek@hughes.net

LANDSCAPE PLAN

Boulder Amplifiers
1585 South Arthur Avenue
Louisville, Colorado

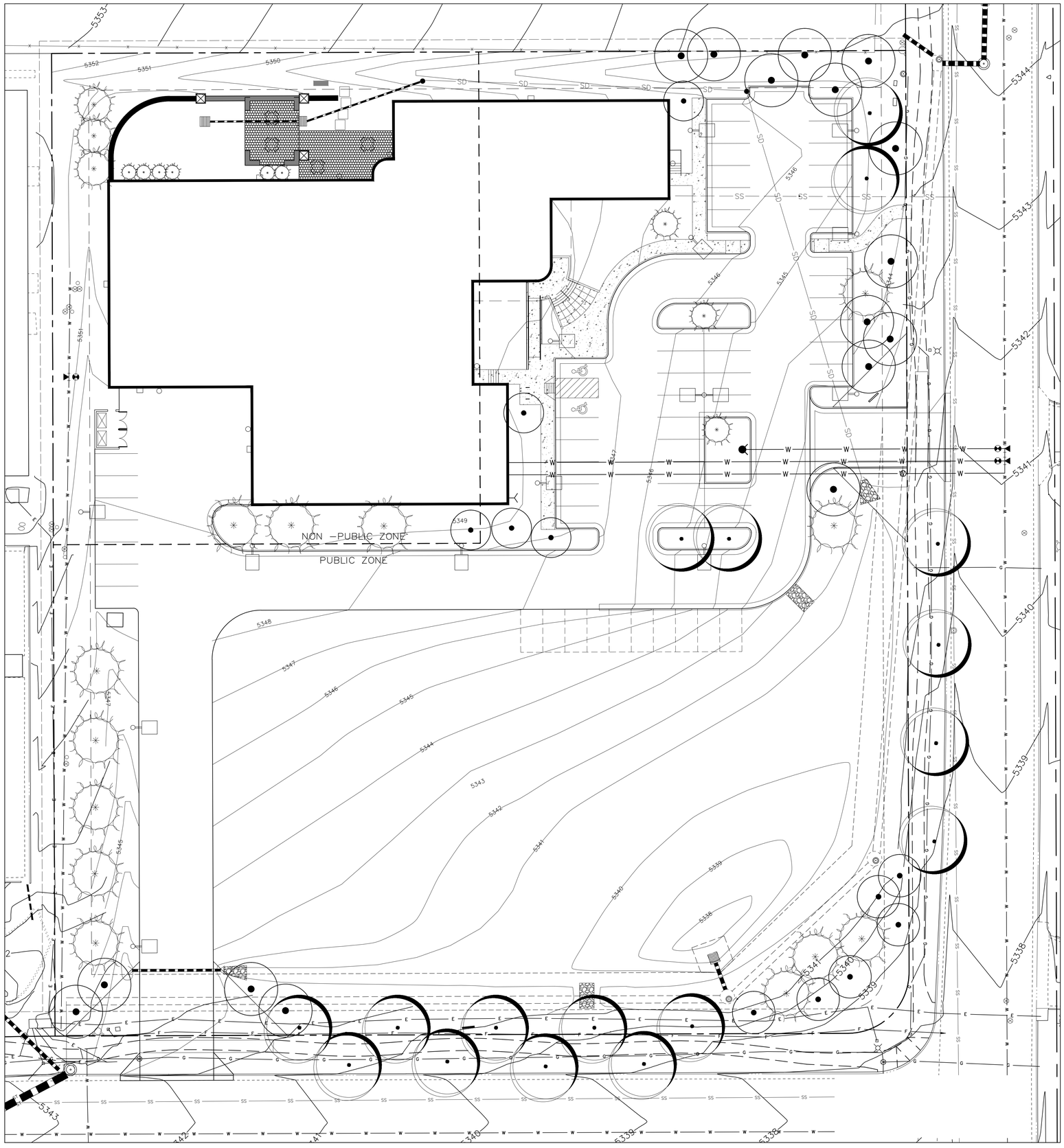
Plan Date:
03.05.14

Revisions:

05/15/14

Sheet Number:

L–2



- As per the city of Louisville's IDDSG, street trees along all public streets are a standard. With the existing utilities and easement along the easterly and southerly property boundaries, there is no possibility of street trees without encroaching on the easement. Care has been taken not to place any trees or shrubs directly over the existing utilities. A new sheet (L-3) has been added for the express purpose of making the contractor aware of the existing and proposed utilities on site. A note has been added to sheet L3 stating all utilities must be located before planting.

ALL EXISTING UTILITIES MUST BE LOCATED IN THE FIELD BEFORE ANY TREES ARE FINALLY STAKED FOR LOCATION AND/OR PLANTED.

NORTH
SCALE 1" = 20'0"

LANDSCAPE ARCHITECTURE STAMP

TREES/UTILITIES/EASEMENTS EXHIBIT

Licensed Landscape Architecture
NATURE'S DESIGN ASSOCIATES LLC
15674 Indiana Gulch Rd.
Jamestown, CO 80455
phone: 303-459-3333
fax: 303-459-0644
email: martinek@ughes.net

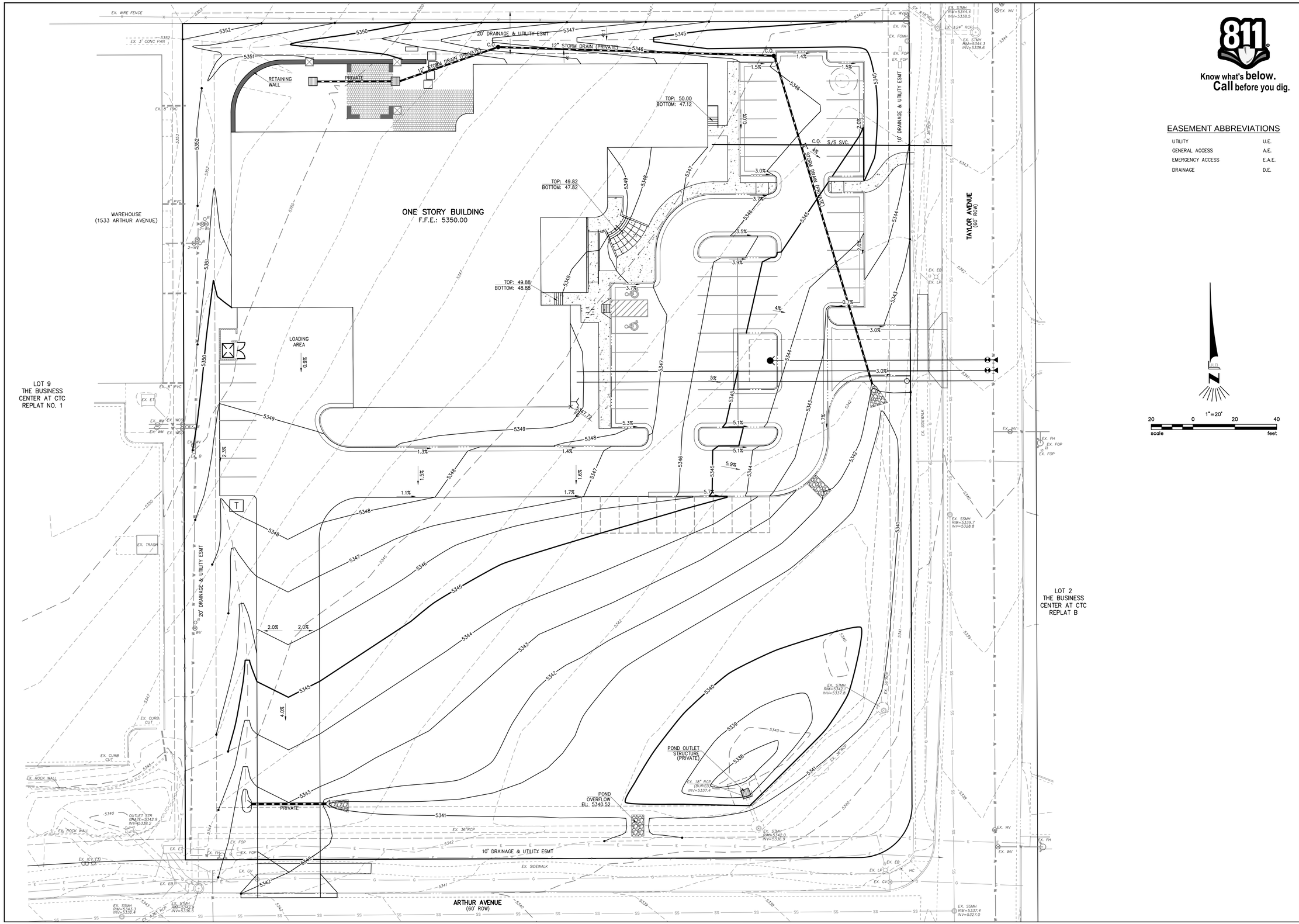
LANDSCAPE PLAN

Boulder Amplifiers
1585 South Arthur Avenue
Louisville, Colorado

Plan Date:
03.05.14

Revisions:
05/15/14

Sheet Number:
L-3



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

EASEMENT ABBREVIATIONS

UTILITY	U.E.
GENERAL ACCESS	A.E.
EMERGENCY ACCESS	E.A.E.
DRAINAGE	D.E.

1"=20'
20 0 20 40
scale feet

JLB ENGINEERING CONSULTANTS
743 PEAR COURT
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jim@jlbcivil.com

COLORADO REGISTERED PROFESSIONAL ENGINEER
JAMES LEE BLANKENSHIP
30736
5/15/2014

BOULDER AMPLIFIERS
OVERALL GRADING PLAN

1585 S. ARTHUR AVENUE, LOUISVILLE, CO
IN THE NORTHWEST 1/4 OF SECTION 16, TOWNSHIP 1 NORTH, RANGE 69 WEST, 6TH P.M.
CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

DATE	BY	REVISION/ISSUE	APPV	DATE

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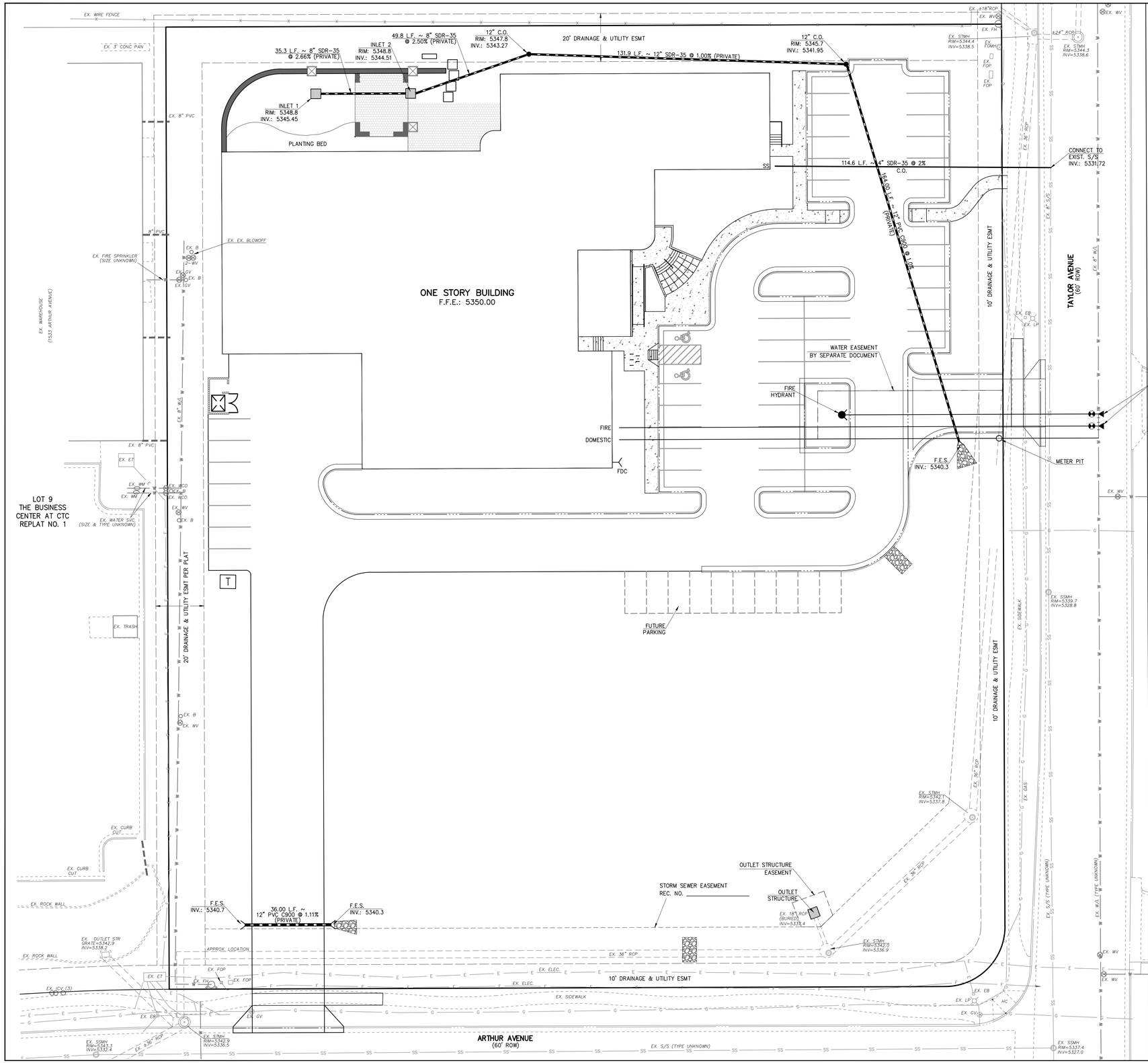
Design JLB	Drawn DSS
Checked JLB	Checked JLB
Date MAY 15, 2014	
Job No. 1398	
D- 1398.1	

SHEET
OGP

1 OF 1 SHEETS



Know what's below. Call before you dig.

LEGEND OF SYMBOLS

ITEM	EXISTING	PROPOSED
CONTROL POINT	CP	
WATER SERVICE		W
SANITARY SEWER SERVICE		S
UTILITY METER		
OVH LIGHT POLE		
FIRE HYDRANT		
UTILITY MANHOLE		
FENCE–CHAIN LINK		
WATER MAIN/SVC	W	W
SEWER MAIN/SVC	SS	
ELECTRIC – OVERHEAD	OL	
ELECTRIC – UG	E	
FIBER OPTICS	F	
GAS – NATURAL	G	
STORM DRAIN	ST	
IRRIGATION PIPE		
UNDER DRAIN		

UTILITY PLAN NOTES

1.) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LOUISVILLE, PUBLIC IMPROVEMENTS, DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.

2.) ALL WATER MAINS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY STANDARDS.

3.) ALL SANITARY SEWER MAINS AND SERVICES SHALL BE IN ACCORDANCE WITH THE CITY STANDARDS..

4.) ALL CONNECTIONS TO EXISTING UTILITIES SHALL INCLUDE THE APPROPRIATE CONNECTION DEVICE, INCLUDING WATER MAIN TAPS OR CUTTING IN TEES. MANHOLE BASES SHALL BE REMODELED FOR ACCEPTANCE OF INCOMING SANITARY SEWER MAINS AND STAIRS RELOCATED IF INTERFERING WITH NEW CONNECTION POINT.

5.) SERVICE DISRUPTIONS TO EXISTING USERS SHALL BE KEPT TO A MINIMUM AT ALL TIMES. APPROPRIATE OUTAGE POSTINGS SHALL BE PREPARED AND DELIVERED TO AFFECTED PROPERTY OWNERS PRIOR TO ENGAGING AND OUTAGE FOR CONNECTIONS.

6.) ALL NEW UTILITIES SHALL BE UNDERGROUND AND IN EASEMENTS OR PUBLIC RIGHTS OF WAY.

7.) POTABLE WATER, SANITARY SEWER, STORM SEWER ARE PROVIDED BY THE CITY OF LOUISVILLE.

8.) GAS AND ELECTRIC SERVICE IS PROVIDED BY XCEL ENERGY.

9.) CABLE TELEVISION IS PROVIDED BY COMCAST.

10.) TELEPHONE SERVICE IS PROVIDED BY QWEST.

11.) FIRE HYDRANTS SHOWN ARE PRELIMINARY AND SHALL BE SPACED ACCORDING TO THE CITY FIRE MARSHALL CRITERIA.

12.) WATER METER PITS, CURB STOPS AND CORPORATION STOPS SHALL BE LOCATED PER THE CITY STANDARD DETAILS UNLESS OTHERWISE SPECIFICALLY DETAILED ON THE PLAN AND PROFILE SHEETS.

13.) FINAL WATER VALVE LOCATIONS WILL BE DETERMINED WITH CONSTRUCTION DRAWINGS AS COORDINATED WITH PUBLIC WORKS.

14.) SUPPLEMENTAL EASEMENTS MAY BE REQUIRED FOR INDIVIDUAL SITES UPON SUCH TIME THOSE SITES ARE PROPOSED FOR DEVELOPMENT IMPROVEMENTS.

15.) CITY OF LOUISVILLE IS NOT RESPONSIBLE FOR THE MAINTENANCE OF THE PRIVATE STORM SEWER.

EASEMENT ABBREVIATIONS

UTILITY	U.E.
GENERAL ACCESS	A.E.
EMERGENCY ACCESS	E.A.E.
DRAINAGE	D.E.

SERVICE LINE ABBREVIATIONS

FIRE LINE	F
WATER SERVICE	W
SANITARY SERVICE	SS
CLEANOUT	C.O.

1"=20'

20 0 20 40

scale feet

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jim@jlbcivil.com

COLORADO REGISTERED PROFESSIONAL ENGINEER JAMES LEE BLANKENSHIP 30736 5/15/2014

BOULDER AMPLIFIERS
MASTER UTILITY PLAN

1585 S. ARTHUR AVENUE, LOUISVILLE, CO
IN THE NORTHWEST 1/4 OF SECTION 16, TOWNSHIP 1 NORTH, RANGE 69 WEST, 6TH P.M.
CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO

DATE	BY	REVISION/ISSUE	APPV	DATE

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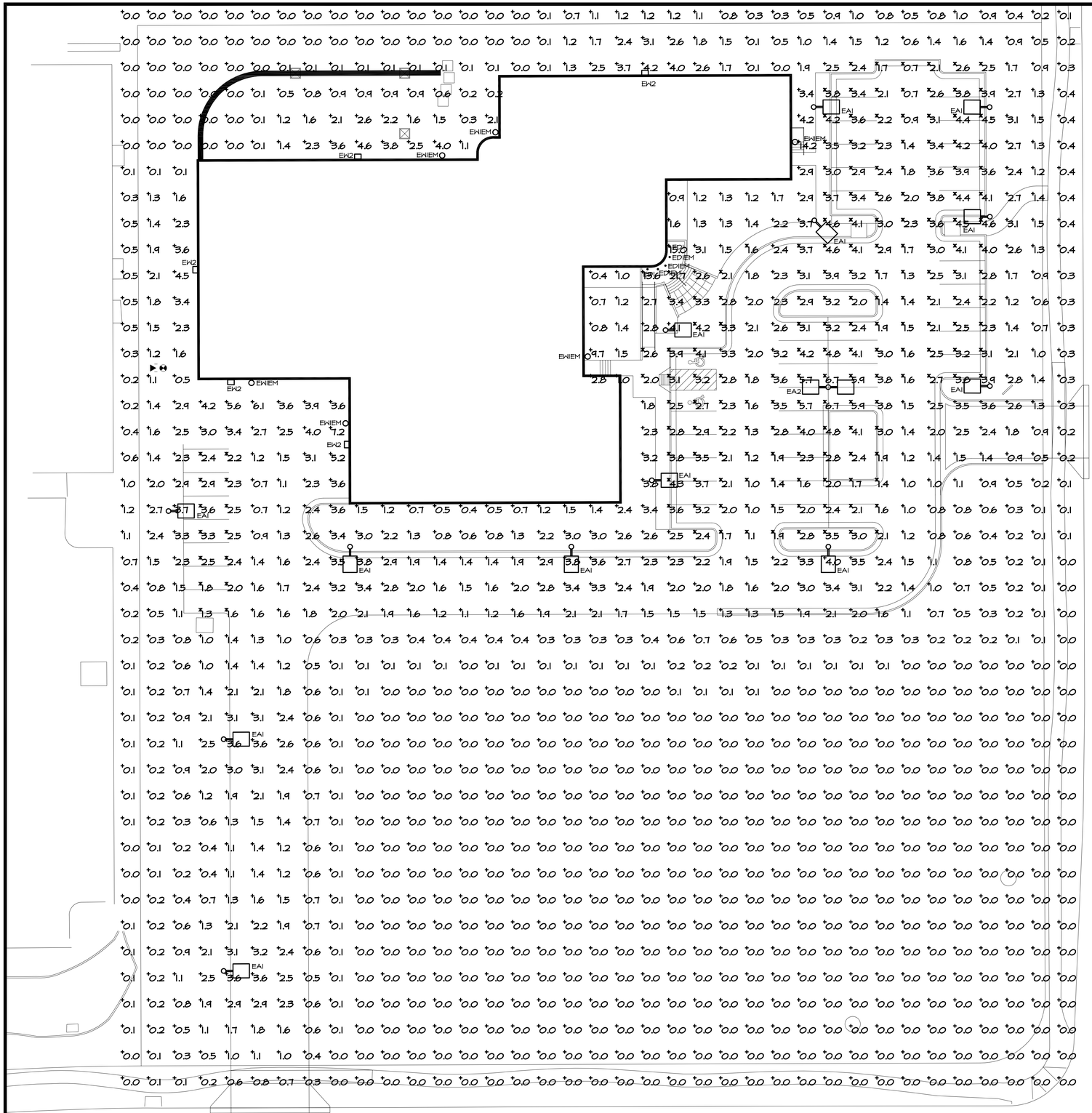
Design JLB	Drawn DSS
Checked JLB	Checked JLB
Date MAY 15, 2014	
Job No. 1398	
D– 1398.1	

SHEET
MUP

1 OF 1 SHEETS



Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Entryways		12.9 fc	25.9 fc	2.3 fc	11.3:1	5.6:1	0.5:1
Parking		2.9 fc	6.7 fc	0.7 fc	9.6:1	4.1:1	0.4:1
Property Line	+	0.4 fc	2.2 fc	0.0 fc	N/A	N/A	0.2:1
Sidewalks	×	3.3 fc	4.6 fc	1.6 fc	2.9:1	2.1:1	0.7:1
Site	+	1.1 fc	21.7 fc	0.0 fc	N/A	N/A	0.1:1

SITE PHOTOMETRIC
SCALE: 1"=20'-0"

1

N

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ARCHITECTURAL ENGINEERING DESIGN GROUP, INC.

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Boulder Amplifiers

The Business Center at CTC

1585 South Arthur Avenue

Louisville, Colorado

PROJ NO: 13-08
DATE: MARCH 5, 2014
REV:SITE DEVELOPMENT

MAY 5, 2014 ⚠1

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SITE PHOTOMETRIC

PH-1

EXTERIOR LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTAGE	LAMP			MAX	MOUNTING	INFORMATION	NOTES
					QTY	WATT	TYPE	WATTS	LOCATION	BOF/RFD/OFH	
EA1	24"L SINGLE HEAD LED AREA LIGHT OUTDOOR RATED, 500mA, 48 LEDS MEDIUM THROW OPTIC, FULL CUTOFF, NEUTRAL WHITE 4250K TO SMALL MODEL COLUMN	SCHREDER	TCO1-48-530-5IT-UNV60-N4 SINGLE HEAD POLE: TO HI 20'H STANDARD LENGTH HEAD	277	1	80	LED	80	POLE AT 20'-0" AFG		
EA2	24"L DOUBLE HEAD LED AREA LIGHT OUTDOOR RATED, 500mA, 48 LEDS MEDIUM THROW OPTIC, FULL CUTOFF, NEUTRAL WHITE 4250K TO SMALL MODEL COLUMN	SCHREDER	TCO1-48-530-5IT-UNV60-N4 DOUBLE HEAD POLE: TO HI 20'H STANDARD LENGTH HEAD, DUAL HEAD FITTER	277	2	80	LED	160	POLE AT 20' AFG		
ED1	4"DIA RECESSED LED DOWNLIGHT WET RATED, 1000LUMEN, 4000K	LIGHTOLIER	C4L-10-N-U-VB-LD TRIM: C4L-10-DL-40K-CCL-P-VB	277	1	14.6	LED	14.6	RECESSED CEILING		
ED1EM	4"DIA RECESSED LED DOWNLIGHT WET RATED, 1000LUMEN, 4000K INTEGRAL EMERGENCY	LIGHTOLIER	C4L-10-N-U-VB-LD-EM TRIM: C4L-10-DL-40K-CCL-P-VB	277	1	14.6	LED	14.6	RECESSED CEILING		
EW1EM	8"W X 5"H FULL CUTOFF, ADA COMPLIANT WALL SCONCE, WIDE FLOOD, PAINTED SILVER, WET LOCATION, 4000K, PROVIDE EMERGENCY INVERTER	OCL	VAI-DOWN-01OA-08-WF-PTD-SLV-ILD28/40K-277	277	1	28	LED	28	SURFACE WALL AT 6'-6" AFG		1
EW2	12"W X 4.5"H LED AREA FLOOD LIGHT WET RATED, FULL CUTOFF,TYPE 3 OPTICS, COLD TEMPERATURE RATED, TITANIUM FINISH	STONCO	LP-32-T	277	1	71	LED	71	SURFACE WALL AT 13'-6" AFG		

ABBREVIATIONS: BOF - BOTTOM OF FIXTURE, RFD - RECESSED FIXTURE DEPTH, OFH - OVERALL FIXTURE HEIGHT

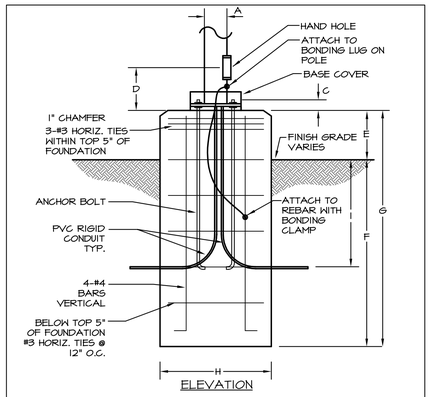
GENERAL NOTES:

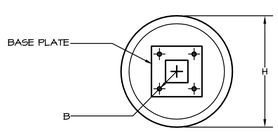
A. VERIFY ALL FINISHES WITH ARCHITECT PRIOR TO ORDERING

B. ALL REFLECTOR LAMPS TO BE PROVIDED AS WIDE FLOOD DISTRIBUTION, UNLESS NOTED OTHERWISE.

SPECIFIC NOTES:

1. MOUNT FIXTURE DIRECTED DOWNWARD





POLE KEY	OVERALL HEIGHT	A	ANCHOR BOLT DATA			D	E	F	G	H	I
			B	SIZE	C						
EA1	20'0"	4"	PER MANUFACTURER			0'0"	8'0"	8'0"	8'0"	24"	36"
EA2	20'0"	4"	PER MANUFACTURER			0'0"	8'0"	8'0"	8'0"	24"	36"
EA3	24'0"	4"	PER MANUFACTURER			0'0"	8'0"	8'0"	8'0"	24"	36"
EA4	30'0"	4"	PER MANUFACTURER			0'0"	8'0"	8'0"	8'0"	24"	36"
EA5	36'0"	4"	PER MANUFACTURER			0'0"	10'0"	10'0"	10'0"	24"	36"

5 POLE BASE DETAIL
PH-2 SCALE: NONE

TECEO LED

SPECIFICATION SHEET/ORDERING FORM: TECEO LED

CUSTOMER NAME: _____

PROJECT: _____

QUANTITY: _____

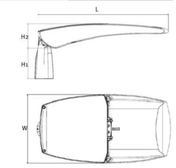
DELIVERY DATE: _____

ORDER CODE: _____

INTERNAL NOTES:

(in/mm)	Teceo 1	Teceo 2
W	12.5"/318	17.3"/439
L	23.9/607	31.7"/788
H1	5.6"/141	5.4"/138
H2	4.4"/113	4.7"/119

Teceo 1- Standard with 48 LED
Teceo 2-Standard with more than 48 LED



Standard Models Include:
1) Neutral White LED
2) 60mm Universal Mounting
3) Class I LED Diver
4) No cable included
5) 10kV Surge Protection
6) AKZ0150 sarded-grey/silverfinish

Example:

TCO-112-700nA-5098-Uni60-NEMA-6'Ca

TCO- ___ - ___ - ___ - ___

No. LED	Current	LensoFlex®2
48*	530	509£
88	700	506£**
96		509£
112		
120		
128		
144**		

Options
Uni60 - 60mm/2.36" Universal Mounting
Uni76- 76mm/3.00" Universal Mounting
PHC- Photocell, light sensor
NEMA- NEMA standard receptacle
XXCa- Custom cable length (XX-identify length)

*Teceo 1- Standard with 48 LED (see dimensional table above)
**144LED comes Standard with 530mA drive current (custom available)
**5068 offered Standart with 5068 128 LED, others available custom

Schréder

1 TYPES 'EA1 & EA2'
PH-2 SCALE: NTS

Blend performance & comfort in a downlight.

C4L-DL-VB
CALCULITE
WHITE LED 4"
ROUND DOWNLIGHT

PHILIPS LIGHTOLIER, CALCULITE, PROFESIONAL-GRADE DOWNLIGHTING, WHITE LED 4" ROUND APERTURE DOWNLIGHT, WIDE 500/1000/1500LM, C4L-DL-VB

Calculite LED 4"features an LED array of high brightness white light LEDs. The new LED boards in Calculite LED ensure a less than 2-step SDCM color variation between luminaires.

Complete product + Frame-in kit + Trim kit
Lumen package for the frame-in kit must match he trim kit.

Project:
Location:
Catalog No:
Fixture Type:
Mfg: Lamps: Qty:
Notes:

Frame-in kit example: C4105NUVB210V

Series	Lumens	Installation	Input voltage	Version	Dimming	Options[1]
C4L Calculite 4" LED round aperture	**05** 500lm **10** 1000lm	**N** New construction **R** Remodeler	**U** Universal (120/277V)	**VB** Version B	**Z10V** 1-10V dimming **LD** Lutron driver	**EM** Emergency[2] **LC** Chicago Plenum
	15 1500lm	**N** New construction **R** Remodeler	**1** 120V **2** 277V	**VB** Version B	**Z10V** 1-10V dimming **LD** Lutron driver	**EM** Emergency[2] **LC** Chicago Plenum
	05 500lm **10** 1000lm **15** 1500lm	**N** New construction **R** Remodeler	**1** 120V	**VB** Version B	**Z10V** 1-10V dimming	**-3-7** 347V[4]
CUL Calculite LED Universal aperture	**05** 500lm **10** 1000lm	**J** J-box mount retrofit	**U** Universal (120/277V)	**VB** Version B	**Z10V** 1-10V dimming Existing wiring will determine if dimming is an option.	
	05 500lm **10** 1000lm	**S** Screw-in base retrofit	**1** 120V	**VB** Version B	Existing wiring will determine if dimming is an option.	

Trim kit example: C4L10CL35KCCDPVB

Series	Lumens	Style	CC[1]	Reflector	Flange	Version[3]
C4L		**DL**				**V3**
C4L Calculite 4" LED round aperture	**05** 500lm **10** 1000-1500lm	**DL** Downlight	**27K** 2700K **35K** 3000K **35K** 3500K **40K** 4000K	**CL** Clear **CCL** Comfort clear **CCD** Comfort clear diffuse **CCZ** Champagne bronze **WH** White (painted)	**W** White (painted) **P** Polished (exposes aperture) **FT** Flangeless (flush-mount)[2]	**V8** Version E

1. Available for new construction (**N**) installation frame-in kits only.
2. Accessory **CAFFM** required for gypsum applications (minimal 1/2" reflector flange).
3. Consult 2G-3M spec sheet for **EM** option details and restrictions.
4. Consult factory for availability of other 347V fixture configurations.

NOTE: See page 3 for energy Star® compatibility.

CAFFMR
Flangeless trim with plaster ring accessory.
(Recommended for gypsum installations)

C4L-DL-VB 02/14 page 1 of 5

PHILIPS LIGHTOLIER

2 TYPES 'ED1 & ED1EM'
PH-2 SCALE: NTS

Vega™
OUTDOOR

FEATURES

- IP66 protection rating and ETL listed for wet location.
- Field replacement for LED array and driver in simple and requires minimal effort.
- Excellent thermal management achieved through a precision-engineered die-cast aluminum fixture body.
- LED luminaire reliability, L70 >50,000 hours at 70% lumen maintenance).
- LED light source exceeds 94.1% 60C Four lumen maintenance, as required for commercial fixtures per LM-80 testing methodology.
- Hours and L80 light source as tested to LM-79 standards.
- Varying beam spread options are available. Narrow Flood (24 degree) or Wide Flood (50 degree).
- 3 step MacAdam ellipse color (warm) and RAs CRI are available (contact factory for details).
- Injection molded diffuser seamlessly threads into fixture body, acrylic is UV stable, F1 rated and UL-94-HB flame rated.
- Quality construction includes heavy gauge sheet metal, die-cast aluminum, and injection molded acrylic.
- Standard powder coat paint offered, however all RAL colors available.
- Contact factory for additional modifications or options.

MEASUREMENTS

WT. 6 LBS

MATCHING FIXTURES

Icence p.68

OCL www.ocl.com

3 TYPE 'EW1EM'
PH-2 SCALE: NTS

CATALOG NO _____

TYPE NO. _____ JOB NAME _____

LytePro32
Architectural LED Wall Sconce

ORDERING INFORMATION

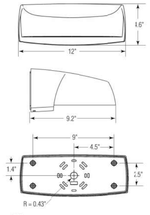
Catalog Number: Example: LP32T

LP	32	COLOR
SERIES	SIZE	
LP- LytePro32 Architectural LED Wall Sconce	**32-** Hi-Lumen LEDs	**T-** Titanium **W-** White **P-** Bronze

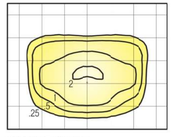
ACCESORIES

PCB 1- Button-type photocontro. 2-1/8" x 1" x 3/4". 3.8" NPS threaded nipple for use in boxes, fittings and other protective enclosures.

TECHNICAL INFORMATION



PHOTOMETRIC DATA



Horizontal Footcandles
Delivered Lumens = 3,840
Mounting Height = 18.00 Ft
Maximum Caculated Value = 2.28 Fc

PRODUCT SPECIFICATIONS

- Provides safety and security in residential and commercial applications in locations such as entrances, over garages, wall signs and locations along perimeters and pathways.
- Requires only 71 system watts for environmentally-friendly operation. Thirty-two high-output LED's offer lumen maintenance L_{70} 54,000 hrs at 40° C ambient.
- Patented Philips LED Optical System individually controls the placement of light in the target area.
- Type III distribution with shielded optics collect and redirects light to optimize performance.
- 4000K neutral color temperature delivers maximum light with high efficiency.
- Functions in environments with temperatures that range from -30°C to 40°C.
- Housing constructed of heavy die cast aluminum, integral heat sink
- Corrosion resistant Duraplex II polyester powder coated finish available in white, bronze and titanium
- Glass lens is fully sealed to keep out water insects and dust.
- Electronic Class 1 LED driver accepts 120-277v, 50/60Hz input (constant current)
- Integral cast aluminum heat sink ensures cool operation
- Complete with integral spice chamber.
- Built-in bubble level for accuracy.
- Universal mounting plate with hook and lock mounting.
- Optional field installed PCB1 photocontrol for automatic all night lighting.
- 5,840 delivered lumens
- IES Type III
- CRI 73
- Efficacy: 82 LPW
- ETL tested suitable for wet location
- 5 year limited warranty[1]
- **Design Lights Consortium® qualified**

DESIGNLIGHTS CONSORTIUM

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Specifications are subject to change without notice
www.philips.com/luminaires

05/13

PHILIPS Stonco

4 TYPE 'EW2'
PH-2 SCALE: NTS

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Denver, Colorado 80202
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303.296.3039 FAX
aedesign@aedesign-inc.com
www.aedesign-inc.com
ARCHITECTURAL ENGINEERING DESIGN GROUP, INC.

RVP architecture
architecture/planning/consulting
a colorado professional corporation
4141 Arapahoe Avenue Suite 100
Boulder, Colorado 80303
Ph: (303) 443-5355 Fax: (303) 444-5085

Boulder Amplifiers
1585 South Arthur Avenue
The Business Center at CTC
Louisville, Colorado

PROJ NO: 13-08
DATE: MARCH 5, 2014
REV:SITE DEVELOPMENT

MAY 5, 2014 ⚠1

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PHOTOMETRIC CUTS AND SCHEDULES

PH-2

LEGEND:

Bollard	B
Concrete	CONC
Electric Box	EB
Electric Transformer	ET
Fiber Optic Manhole	FOMH
Fiber Optic Ped	FOP
Fire Hydrant	FH
Gas Valve	GV
Irrigation Control Valve	ICV
Light Pole	LP
Sanitary Manhole	SSMH
Storm Manhole	STMH
Stop Sign	STS
Telephone Ped	TP
Water Cleanout	WCO
Water Meter	WM
Water Valve	WV

U.S. SURVEY FEET
SCALE: 1"=30'

-30' -15' 0' 15' 30' 60'

LEGEND:

Marked Storm Sewer — ST —

Marked Sanitary Sewer — SS —

Fence — X — X — X —

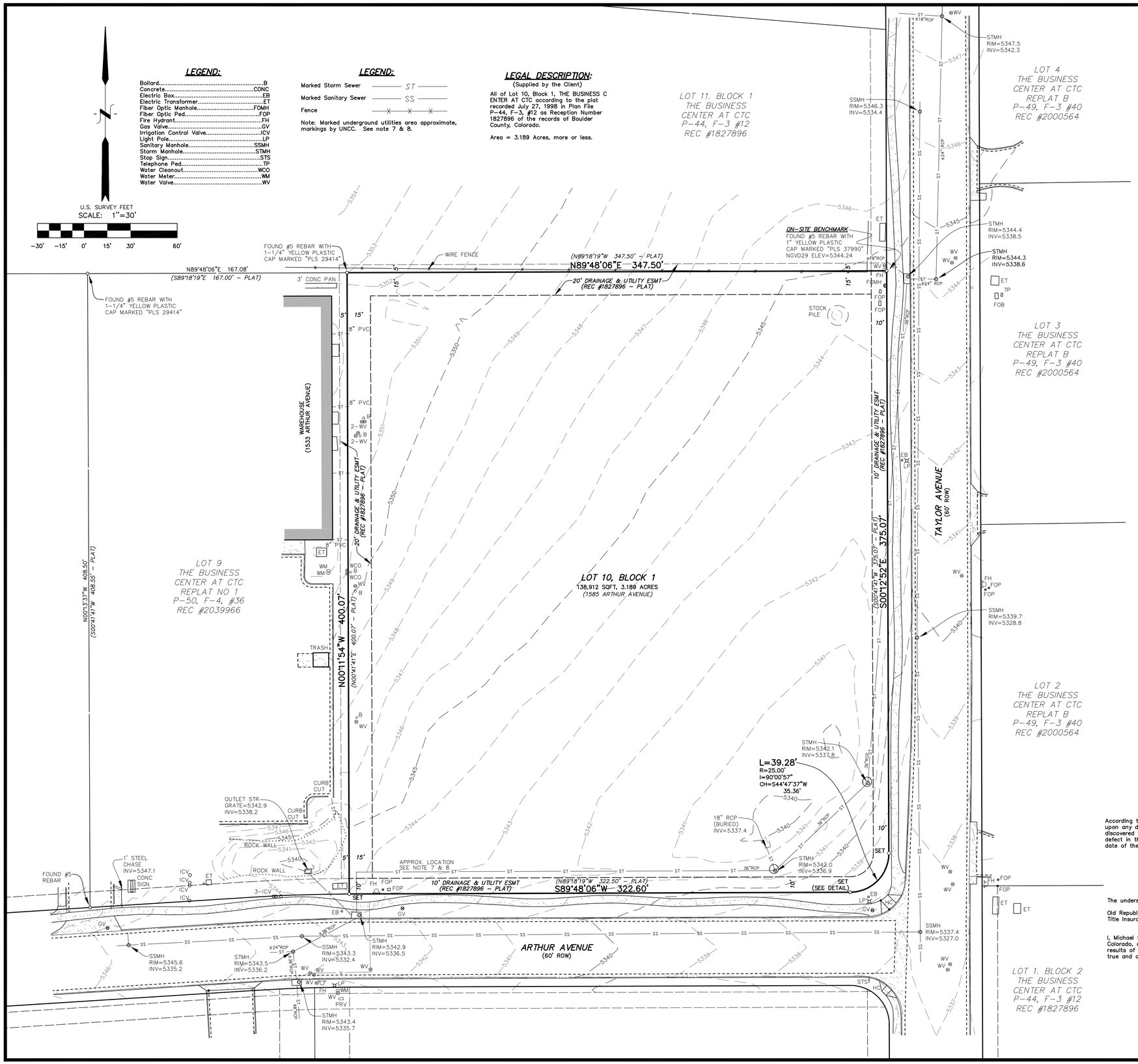
Note: Marked underground utilities area approximate, markings by UNCC. See note 7 & 8.

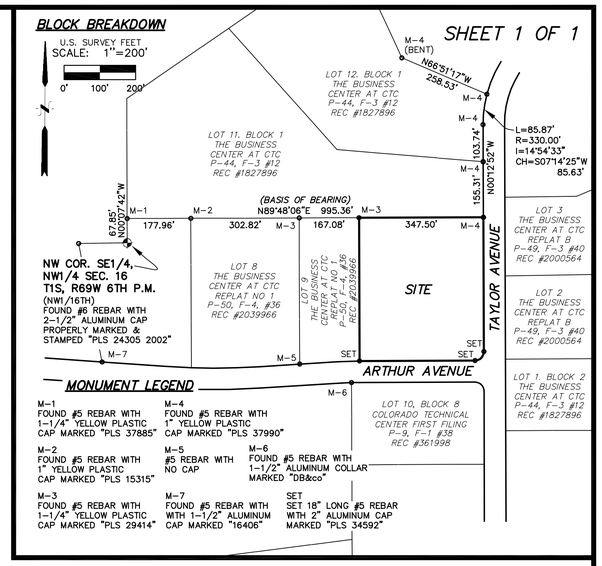
LEGAL DESCRIPTION:

(Supplied by the Client)

All of Lot 10, Block 1, THE BUSINESS C ENTER AT CTC according to the plat recorded July 27, 1998 in Plan File P-44, F-3, #12 as Reception Number 1827896 of the records of Boulder County, Colorado.

Area = 3.189 Acres, more or less.





MONUMENT LEGEND

M-1 FOUND #5 REBAR WITH 1-1/4" YELLOW PLASTIC CAP MARKED "PLS 37885"

M-2 FOUND #5 REBAR WITH 1" YELLOW PLASTIC CAP MARKED "PLS 15315"

M-3 FOUND #5 REBAR WITH 1-1/4" YELLOW PLASTIC CAP MARKED "PLS 29414"

M-4 FOUND #5 REBAR WITH 1" YELLOW PLASTIC CAP MARKED "PLS 37990"

M-5 #5 REBAR WITH NO CAP

M-6 FOUND #5 REBAR WITH 1-1/2" ALUMINUM COLLAR MARKED "DB&co"

M-7 FOUND #5 REBAR WITH WITH 1-1/2" ALUMINUM CAP MARKED "16406"

SET SET 18" LONG #5 REBAR WITH 2" ALUMINUM CAP MARKED "PLS 34592"

NOTES:

1.) Bearings shown on the accompanying Land Survey Plat are based on the assumption that the South Line of Lot 11, Block 1, bears N89°48'06"E, as monumented and shown hereon, (GRID NORTH).

2.) The PRIMARY BENCHMARK used to determine the basis of elevations for this survey is NGS Q413, a standard NGS stainless steel rod in monument box. Published NGVD29 Elevation = 5292.92 U.S. Survey Feet. Elevation transferred to site by GPS rapid static methods. On-site Benchmark shown hereon.

3.) The exterior boundary, recorded easements and rights-of-way, if any, are shown on the accompanying Land Survey Plat as disclosed in Land Title Guaranty Company order number ABB70371183, dated April 03, 2013 at 8:00 a.m. Lands shown hereon may also be subject to the exceptions in said commitment number. Other interests or easements may exist. Per the request of the owner or owners agent, no additional research was completed by Kervin Inc.

THE PARCEL IS SUBJECT TO THE FOLLOWING EXCEPTIONS:

The effect of planned unit development recorded September 27, 1979 in P-9, F-1 No. 37. (Exception 9)

Term, agreement, provisions, conditions as contained in subdivision agreement between the City of Louisville, a Municipal Corporation, and MDA Corporation, a Colorado Corporation, Recorded October 24, 1979, under reception no. 367004. (Exception 10)

Restrictive covenants, which do not contain a forfeiture or reverted clause, but omitting any covenants or restrictions, if any, based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, or source of income, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as contained in instrument recorded October 24, 1979, under reception no. 367003, and as amended in instrument recorded May 11, 1998, under reception no. 1801341. (Exception 11)

The effect of order and decree creating Colorado Technological Center Metropolitan District recorded July 19, 1983, under reception no. 562730. (Exception 12)

Easements, conditions, covenants, restrictions, reservations and notes on the plat of the Business Center at C.T.C. recorded July 27, 1998 under reception no. 1827896. (Exception 13)

Terms, conditions and provisions of development agreement recorded August 14, 1996 under reception no. 1634409. (Exception 14)

All oil, gas and other minerals as reserved in deed recorded March 10, 1944 in book 742 at page 11. (Exception 15)

Terms, conditions and provisions of annexation agreement recorded January 03, 1980 under reception no. 377414. (Exception 16)

The effect of the Business Center at C.T.C. final P.U.D. map recorded July 27, 1998 at plan file no. P-44, F-3, nos. 14 through 19. (Exception 17)

The effect of the Business Center at C.T.C. pczd general development plan recorded July 27, 1998 under plan file no. P-44, F-3 nos. 10 and 11 and amendment recorded July 14, 1999 under plan file no. P-48, F-3, no. 1. (Exception 18)

The effect of certificate of organization for the Northwest Parkway Public Highway Authority, recorded June 30, 1999, under reception no. 1955530. (Exception 19)

4.) Bearings shown on the final plat for The Business Center at CTC were rotated 0°53'23" counter clockwise to grid north.

5.) The parcel is vacant, no buildings exist.

6.) Fieldwork was completed in May 2013 by Michael S. Kervin, PLS. Horizontal and vertical measurements were obtained by using a Leica 1203 and a Leica 1200 GPS system, a combination of conventional and GPS measurements were utilized.

7.) All underground utilities should be field verified by the appropriate agency prior to any construction.

8.) The size, type, location and inverts of all underground storm and sanitary sewer pipes are approximate. Accurate measurements sometimes cannot be obtained due to manhole rim offsets and pipe locations within structures. It is suggested by Kervin Inc., before construction, pothole and as-built all underground storm and sanitary sewer structures.

NOTICE:

According to Colorado law you MUST commence any legal action based upon any defect in this survey within three years after you first discovered such defect. In NO event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR'S CERTIFICATE:

The undersigned hereby certifies to the following:

Old Republic National Title Insurance Company AND Land Title Guarantee Company 5975 Greenwood Plaza Boulevard Greenwood Village, CO 80111

I, Michael Sean Kervin, a duly licensed land surveyor in the State of Colorado, do hereby certify that this Land Survey Plat, reflects the results of a survey made by me or under my direct supervision, and is true and correct to the best of my knowledge and belief.

5/09/13

COLORADO REGISTERED MICHAEL SEAN KERVIN 34592 PROFESSIONAL LAND SURVEYOR

KERVIN INC.
MICHAEL SEAN KERVIN
COLORADO LICENSED PROFESSIONAL
LAND SURVEYOR NO. 34592

LAND SURVEY PLAT & TOPOGRAPHIC MAP

LOT 10, BLOCK 1 THE BUSINESS CENTER AT C.T.C.

A TRACT OF LAND LOCATED IN THE NW1/4 OF SECTION 16, T1S, R69W, 6TH P.M., CITY OF LOUISVILLE, COUNTY OF BOULDER, STATE OF COLORADO.

KERVIN INC SURVEYING
55 ASPEN PLACE
EVERGREEN, CO
970-531-8499
303-232-3848

DRAWN BY: MSK	DATE: 05/09/13	REVISIONS & DATE: TITLE COMMENTS MSK 5-6-13	T1S R69W 16
CHECKED BY: MSK	SCALE: 1"=30'		
JOB NO: 2013-10	NAME: ISP		