

MGE Charging HUB

Urban Design Commission
October 7, 2020



Potter
Lawson

Success by Design



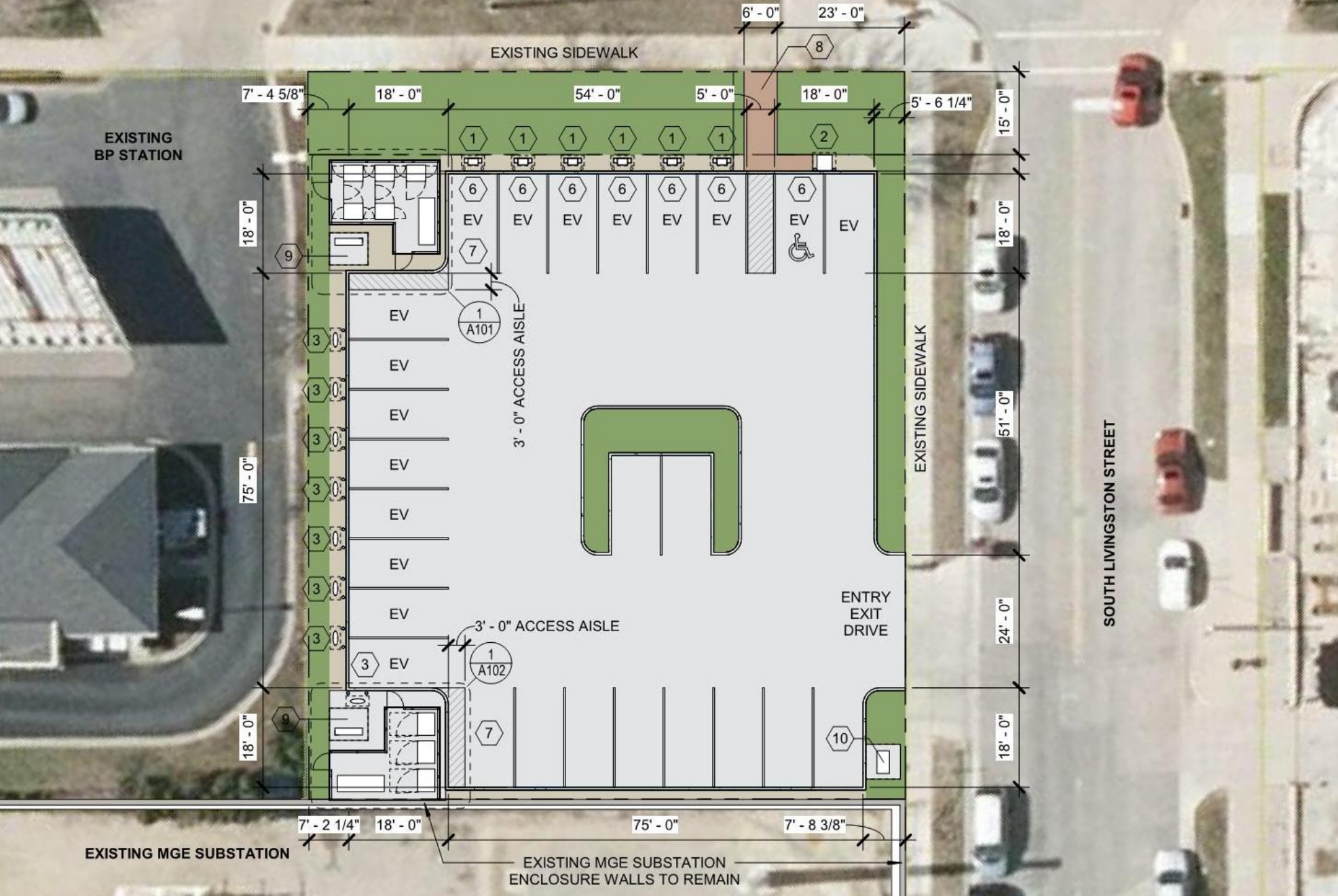
Site Location



South Livingston Street View



Existing Conditions



PARKING COUNT
 16 EV PARKING STALLS
 9 REGULAR FULL SIZE STALLS
 1 ACCESSIBLE PARKING STALL
 26 TOTAL PARKING STALLS

ALL PARKING STALL DIMENSIONS ARE 9'-0" X 18'-0".

- ① CHARGING STATION TYPE 1 (BTC)
- ② CHARGING STATION TYPE 2 (BTC - ALL IN ONE)
- ③ CHARGING STATION TYPE 3 (TESLA)
- ④ CHARGING CABINET TYPE 1 (BTC)
- ⑤ CHARGING CABINET TYPE 2 (TESLA)
- ⑥ PAINTED BOLLARDS TWO AT EACH CHARGING STATION
- ⑦ METAL PANEL WALL CLAD EQUIPMENT SCREENING ENCLOSURE
- ⑧ PERVIOUS PAVERS
- ⑨ TRANSFORMER MOUNTED ON CONCRETE SLAB
- ⑩ SWITCHGEAR MOUNTED ON CONCRETE SLAB

- LANDSCAPE/PLANTING AREA
- PLANTING / MULCH AREA
- PAVEMENT

Site Plan

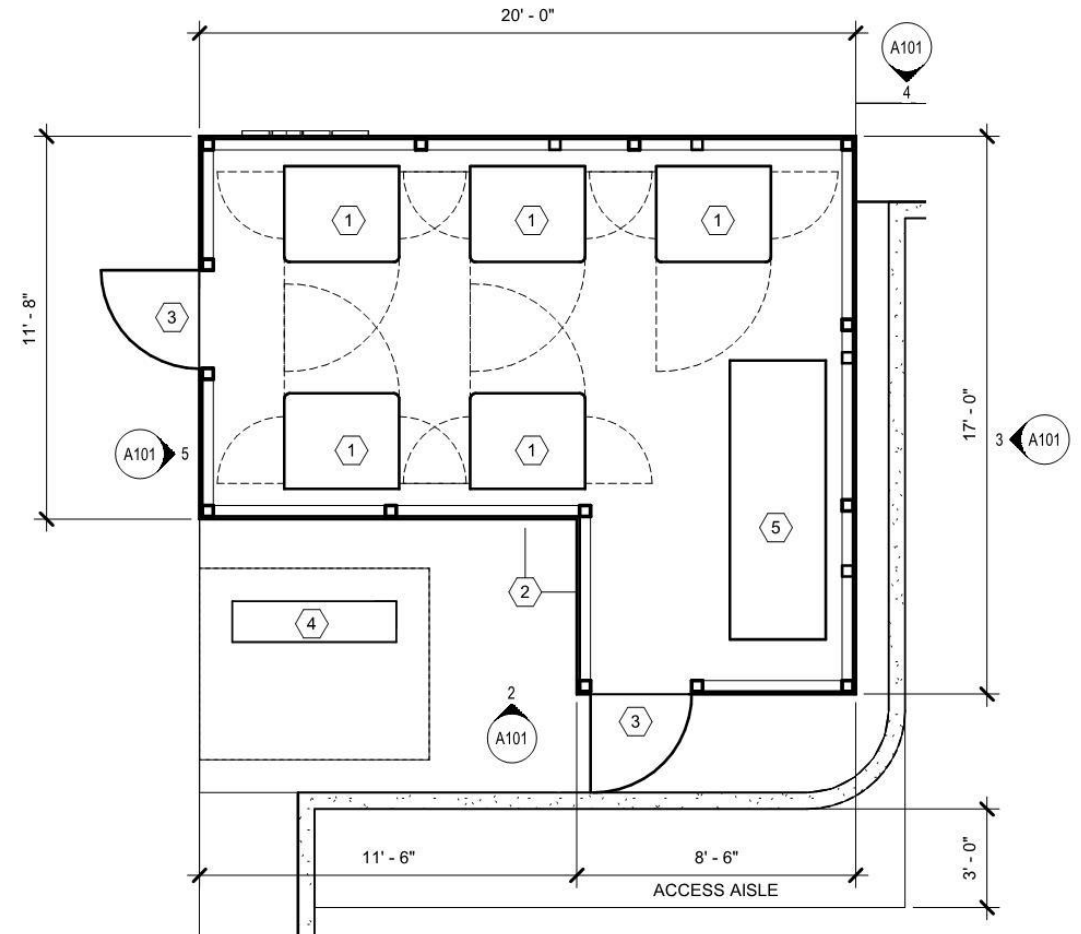
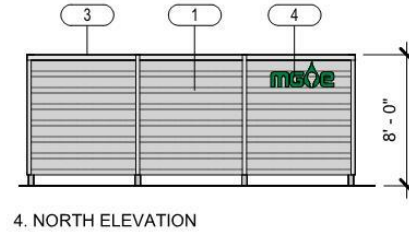
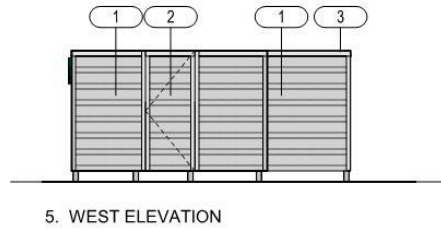
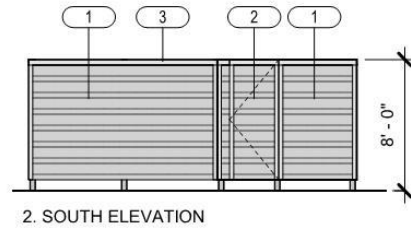
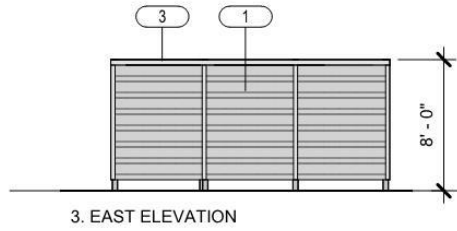


BTC charging stations



Tesla charging stations

Charging Stations

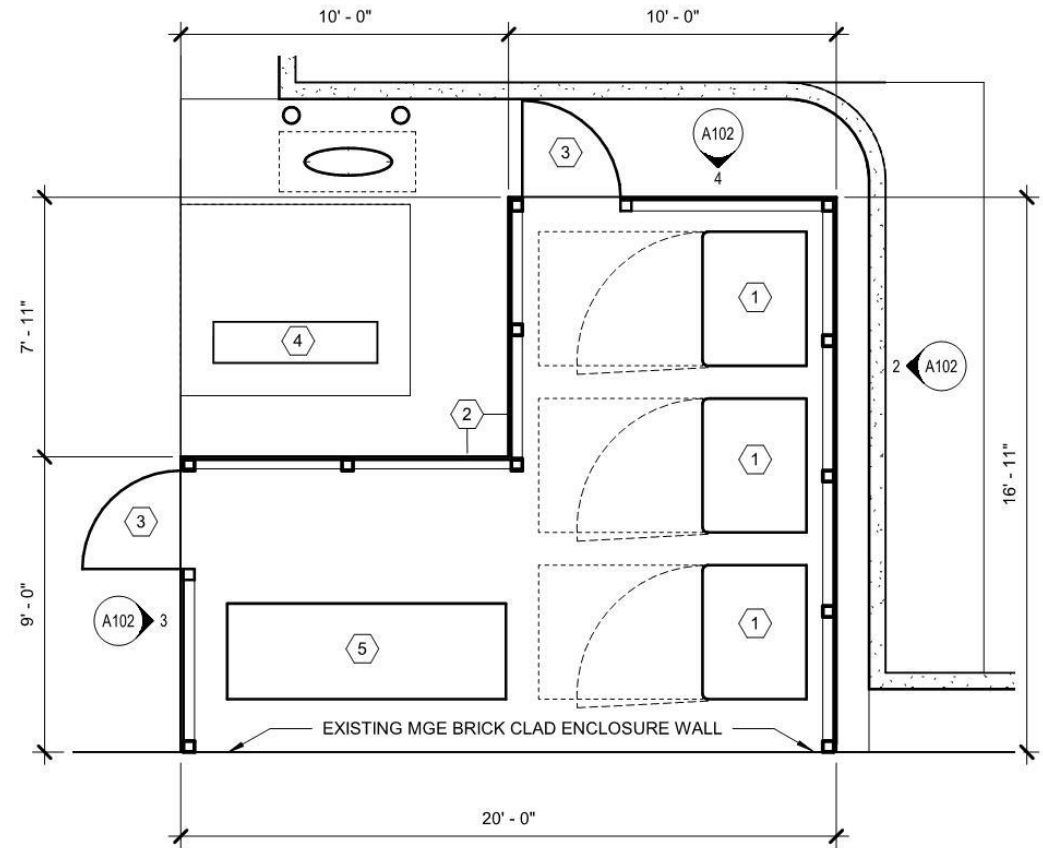
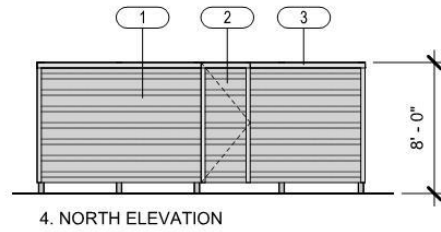
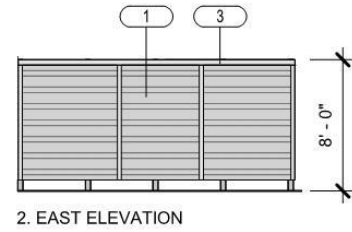
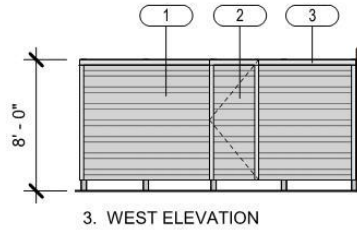


1 ENCLOSURE PLAN - NORTH
A101 1/4" = 1'-0"

- | | |
|---|---|
| 1 METAL PANEL WALL TYPE 1
CS-630 - FINISH SILVERSMITH | 1 CHARGING CABINET TYPE 1 (BTC) |
| 2 ACCESS GATE CLAD WITH
METAL PANEL WALL TYPE 1 | 2 METAL PANEL WALL CLAD
EQUIPMENT SCREENING ENCLOSURE |
| 3 METAL TRIM OR COPING FINISH
TO MATCH METAL WALL PANEL | 3 EQUIPMENT SCREENING ENCLOSURE
ACCESS GATE |
| 4 POTENTIAL SIGNAGE LOCATION | 4 ELECTRICAL TRANSFORMER |
| | 5 ELECTRICAL SWITCHGEAR |



Equipment enclosures



1 ENCLOSURE PLAN - SOUTH
 A102 1/4" = 1'-0"

- 1 METAL PANEL WALL TYPE 1 CS-630 - FINISH SILVERSMITH
- 2 ACCESS GATE CLAD WITH METAL PANEL WALL TYPE 1
- 3 METAL TRIM OR COPING FINISH TO MATCH METAL WALL PANEL
- 4 POTENTIAL SIGNAGE LOCATION
- 1 CHARGING CABINET TYPE 1 (TESLA)
- 2 METAL PANEL WALL CLAD EQUIPMENT SCREENING ENCLOSURE
- 3 EQUIPMENT SCREENING ENCLOSURE ACCESS GATE
- 4 ELECTRICAL TRANSFORMER
- 5 ELECTRICAL SWITCHGEAR



Equipment enclosures

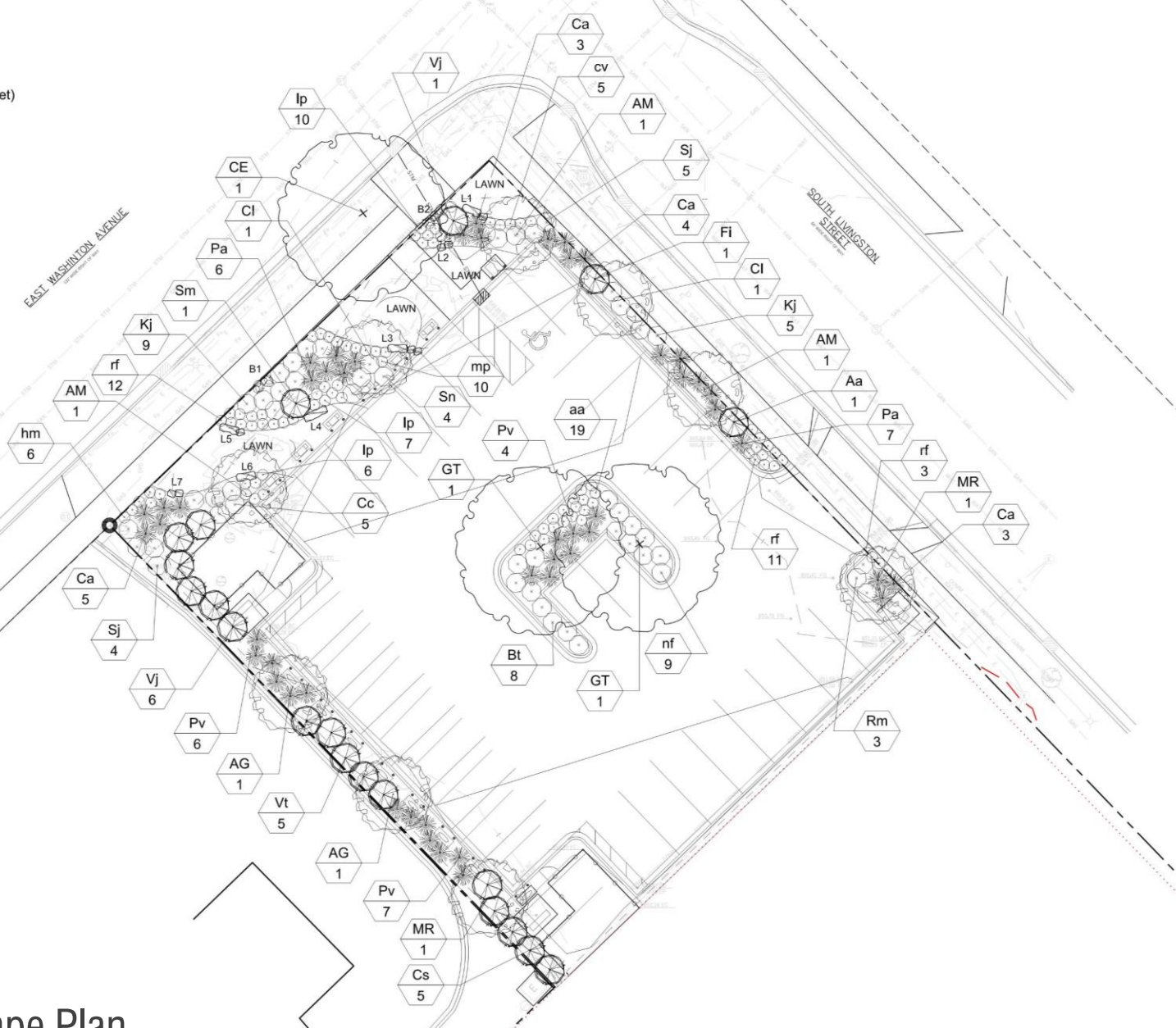


SCALE
0 15 30

SCALE: 1" = 30'
(scaled for 30x42 sheet)

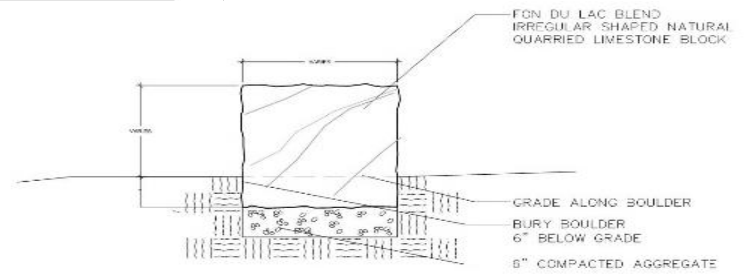
EAST WASHINGTON AVENUE
10' WIDE SIDEWALK

SOUTH LIVINGSTON STREET
10' WIDE SIDEWALK



LANDSCAPE PLANT LEGEND

Symbol	Botanical name	Common Name	Size	Root	Remarks
SHADE TREES					
CE	<i>Celtis occidentalis</i>	Common Hackberry	2.5" Cal.	B&B	
GT	<i>Gleditsia tricanthos</i> 'Skyline'	Skyline Honeylocust	2.5" Cal.	B&B	
ORNAMENTAL TREES					
AG	<i>Acer ginnala</i>	Amur Maple	5' HT.	B&B	
AM	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	5-6' HT.	B&B	
CI	<i>Crataegus crus-galli</i> var <i>inermis</i>	Thornless Cockspur Hawthorn	1.5" Cal.	B&B	
MR	<i>Malus</i> 'Red Jewel'	Red Jewel Crabapple	1.5" Cal.	B&B	
SHRUBS					
Bt	<i>Berberis thunbergii</i> 'Concorde'	Concorde Barberry	2 gal	Pot	
Cc	<i>Caryopteris x clandonensis</i> Arthur Simmonds	Arthur Simmonds Caryopteris	3 gal	Pot	
Cs	<i>Cornus sericea</i> 'Bailey'	Bailey Dogwood	3 gal	Pot	
Fj	<i>Forsythia x intermedia</i> 'Sunrise'	Sunrise Forsythia	2 gal	Pot	
Kj	<i>Kerria Japonica</i>	Japanese Kerria	2 gal.	Pot	
Rm	<i>Ribes alpinum</i> 'Green Mound'	Green Mound Alpine Currant	2 gal	Pot	
Sj	<i>Spiraea japonica</i> 'Anthony Waterer'	Anthony Waterer Spiraea	2 gal	Pot	
Sn	<i>Spiraea nipponica</i> 'Snowmound'	Snowmound spiraea	2 gal	Pot	
Sm	<i>Syringa patula</i> 'Miss Kim'	Miss Kim Lilac	3 gal	Pot	
Vj	<i>Viburnum x juddi</i>	Judd Viburnum	5 gal	B&B	
Vt	<i>Viburnum trilobum</i> 'Spring Green'	Spring Green American Cranberrybush Viburnum	5 gal	B&B	
GRASSES					
Ca	<i>Calamagrostis x acutifolia</i> 'Karl Foerster'	Karl Foerster's Feather Reed Grass	1 Gal.	CG	
Pa	<i>Pennisetum alopecuroides</i> 'Hameln'	Dwarf Fountain Grass	2 Gal.	CG	
Pv	<i>Panicum virgatum</i> 'Shenandoah'	Shenandoah Switch Grass	2 Gal.	CG	
PERENNIALS					
aa	<i>Astilbe x arendsii</i> 'Fanal'	Fanal Astilbe	1 Gal.	Container	
cv	<i>Coreopsis verticillata</i> 'Zagreb'	Zagreb Coreopsis	1 Gal.	Container	
hm	<i>Heuchera micrantha</i> 'Purple Palace'	Purple Palace Coralbells	1 Gal.	Container	
lp	<i>Liatris pycnostachya</i>	Prairie Blazingstar	1 Gal.	Container	
mp	<i>Monarda</i> 'Petite Delight'	Petite Delight Beebalm	1 Gal.	Container	
nf	<i>Nepta x fassennii</i> 'Walkers'	Walkers Low Catmint	1 Gal.	Container	
rf	<i>Rudbeckia fulgida</i> 'Goldstrum'	Goldstrum Black-eyed Susan	1 Gal.	Container	



8 LIMESTONE BOULDER
TYPICAL

SCALE: NTS

Landscape Plan



Site Features



East Washington Avenue & South Livingston Street



East Washington Avenue



East Washington Avenue



East Washington Avenue & South Livingston Street corner

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