PRELIMINARY DEVELOPMENT PLAN
Shield Storage

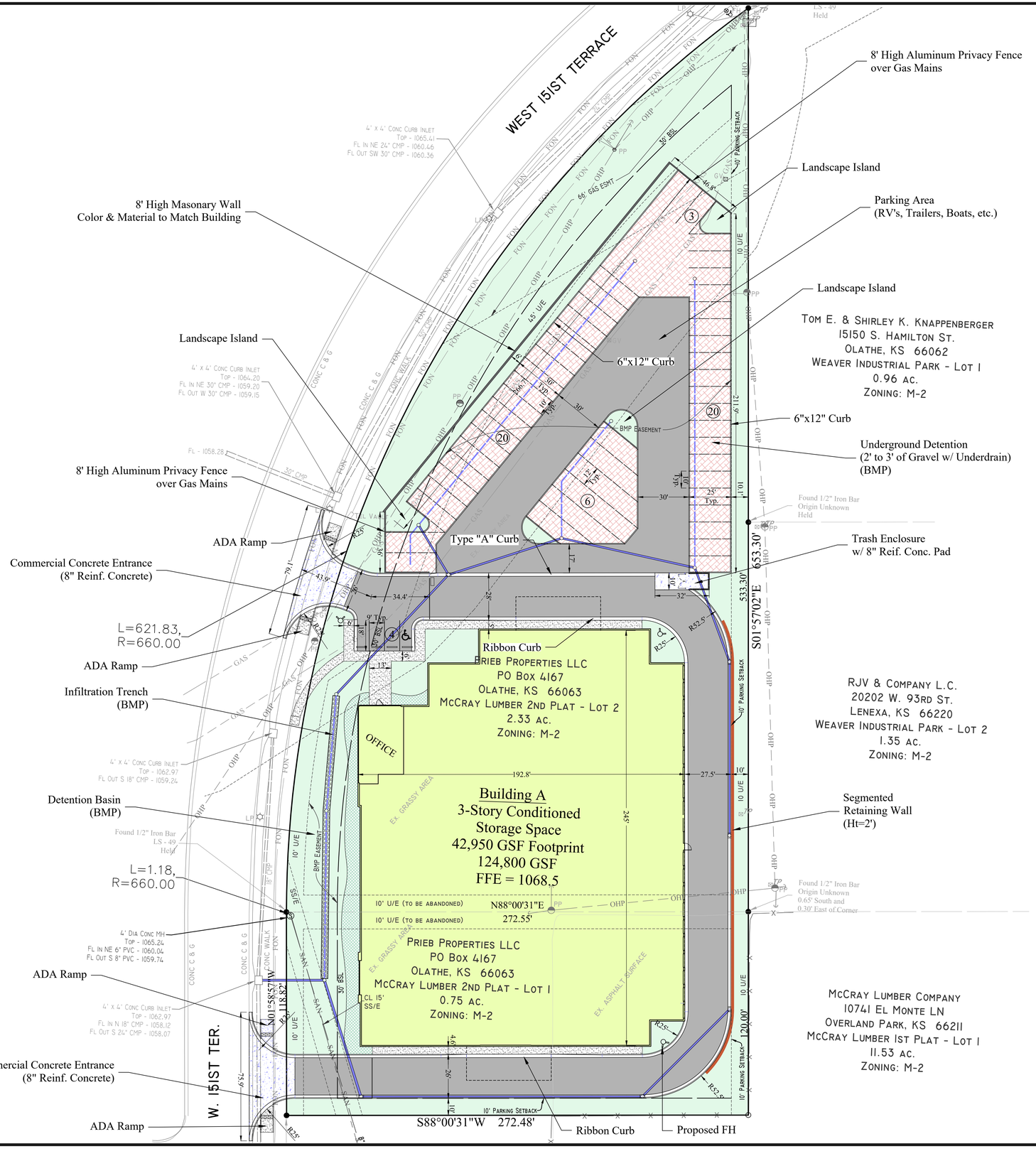
Legal Description of Parcel:
Lot 1 & 2, MCCRAY LUMBER 2ND PLAT, a subdivision of land in the City of Olathe, Johnson County. Contains 3.08 acres more or less.

General Notes:

1. All utility boxes shall be screened with landscaping.



LOCATION MAP
SECTION 12–T14–R23



LEGEND

- (19) PROPOSED NUMBER OF PARKING STALLS
- DENOTES CURB & GUTTER
- DENOTES 5" CONCRETE PAVEMENT
- DENOTES 4" SIDEWALK
- DENOTES PERMEABLE PAVEMENT W/ UNDERGROUND STORM WATER STORAGE
- DENOTES 8" REINFORCED CONCRETE
- DENOTES OPEN SPACE
- DENOTES LANDSCAPE AREAS
- DENOTES PROPOSED SELF ENCLOSED STORAGE UNITS

SITE SUMMARY

Total Site Area:	3.08± acres
Current Zoning:	M-2
No. of Stories:	3
Max Height of Building:	46 ft
Square Footage of Building:	43,500 sf
Square Footage of Storage:	129,500 sf
Square Footage of Office:	1,000 sf
Square Footage of Outdoor Storage:	28,545 sf
RV, Trailer, Boat Stalls	49
Open Space (28.2%):	0.68 ± acres
No. of Required Parking Spaces: (3.8 per 1,000 sf–Office)	4
No. of Parking Spaces:	3
No. of ADA Parking Spaces:	1

N

30 0 15 30
1"=30'

Sheet - C1

Site Plan

2018-55
Shield Storage
151st Terrace

Preliminary Development Plan

PREPARED FOR:
GREENSCAPE DEV. PARTNERS
C/O JUSTIN LEE
3450 TRIUMPH BLVD., SUITE 102
LEHI, UT 84043
(801) 753-5660
JUSTIN@GOGDP.NET

NAPIER ENGINEERING, LLC
207 S. 5th Street
Leavenworth, KS 66048
913.375.0482
brett@napiereng.com

Date of Preparation:
November 1, 2018

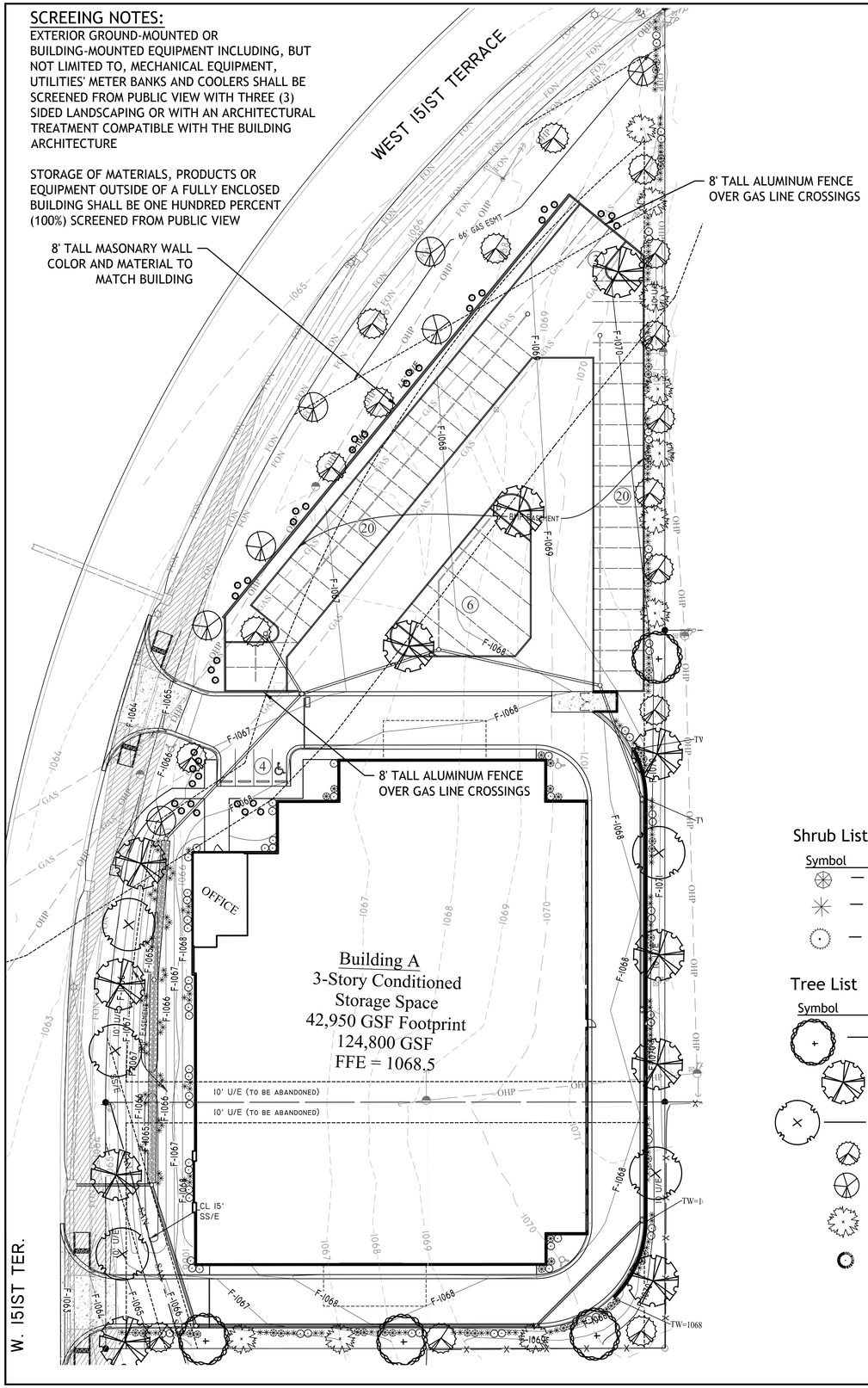
Revised Date:
February 4, 2019
-
-
-
2nd Submittal

BRETT A. NAPIER LICENSED 17507 KANSAS PROFESSIONAL ENGINEER

SCREEING NOTES:

EXTERIOR GROUND-MOUNTED OR BUILDING-MOUNTED EQUIPMENT INCLUDING, BUT NOT LIMITED TO, MECHANICAL EQUIPMENT, UTILITIES' METER BANKS AND COOLERS SHALL BE SCREENED FROM PUBLIC VIEW WITH THREE (3) SIDED LANDSCAPING OR WITH AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE BUILDING ARCHITECTURE

STORAGE OF MATERIALS, PRODUCTS OR EQUIPMENT OUTSIDE OF A FULLY ENCLOSED BUILDING SHALL BE ONE HUNDRED PERCENT (100%) SCREENED FROM PUBLIC VIEW



LANDSCAPE NOTES:

CONTRACTOR REQUIRED TO LOCATE ALL UTILITIES BEFORE INSTALLATION TO BEGIN.

Contractor shall verify all landscape material quantities and shall report any discrepancies to the Landscape Architect prior to installation.

No plant material substitutions are allow with Landscape Architect or Owners approval.

Contractor shall guarantee all landscape work and plant material for a period of one year from date of acceptance of the work by the Owner. Any plant material which dies during the one year guarantee period shall be replaced by the contractor during normal planting seasons.

Contractor shall be responsible for maintenance of the plants until completion of the job and acceptance by the Owner.

All plant material shall be specimen quality stock as determined in the "American Standards For Nursery Stock" published by The American Association of Nurseryman, free of plant diseases and pest, of typical growth of the species and having a healthy, normal root system.

Sizes indicated on the plant list are the minimum, acceptable size. In no case will sizes less than specified be accepted.

All shrub beds within lawn areas to receive a manicured edge.

All shrub beds shall be mulched with 3" of shredded cedar mulch.

Any area that is not improved with a building, pavement, or walkways, shall be sooded with a Turf-Type-Tall Fescue seed blend.

Landscape contractor shall provide a automatic irrigation for all turf and planting areas within the property. Irrigation system shall have it's own separate meter and valve.

No tree shall be planted within 15 feet of a streetlight or a fire hydrant.

Shrub List

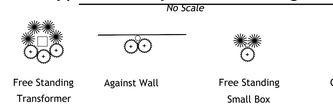
Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	51	Dwarf Winged Euonymus	Euonymus Alatus 'Compactus'	3 gal.	Cont.	4'o.c.
	162	Morning Light Maiden Grass	Miscanthos Sinensis 'Morning Light'	3 gal.	Cont.	4'o.c.
	69	Seagreen Juniper	Juniperus Chinensis 'Seagreen'	3 gal.	Cont.	4'o.c.

Tree List

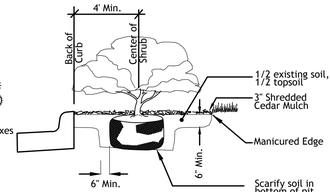
Symbol	Quantity	Common Name	Botanical Name	Size	Condition	Spacing
	4	October Glory Maple	Acer Rubrum 'October Glory'	2.5" cal	BB	As Shown
	11	Skyline Honeylocust	Gleditsia Triacanthos 'Skyline'	2.5" cal	BB	As Shown
	5	Hedge Maple	Acer Campestre ' Queen Elizabeth'	2.5" cal	BB	As Shown
	17	Prairiefire Crabapple	Malus Sp. 'Priariefire'	1.5" cal	BB	As Shown
	7	Prairiefire Crabapple	Malus Sp. 'Priariefire'	1.5" cal	BB	As Shown
	10	Canaert Juniper	Juniperus Virginiana 'Canaertii'	6' ht	BB	As Shown
	37	Skyrocket Juniper	Juniperus scopulorum 'Skyrocket'	6' ht	BB	As Shown

PRELIMINARY DEVELOPMENT PLAN
Shield Storage

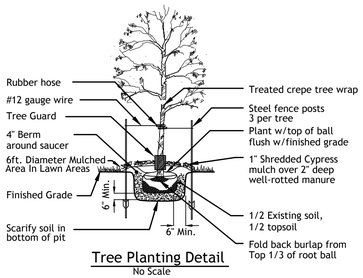
Typical Utility Box Screening Details
No Scale



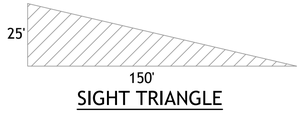
UTILITY BOXES SHALL BE CLUSTERED AS MUCH AS POSSIBLE



Shrub Bed & Parking Setback Detail
No Scale



Tree Planting Detail
No Scale



SIGHT TRIANGLE

SITE DATA:

WEST PROPERTY LINE 742'
REQUIRED:
STREET TREES 1/50' = 15
1 ORNAMENTAL / 3 TREES = 5
100% SCREEN PARKING LOT
25% OF BUILDING FACADE

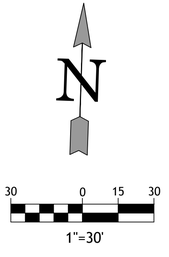
PROVIDED:
SHADE TREES = 7 (OVERHEAD POWER LINES)
ORNAMENTAL TREES = 13
PARKING LOT SHRUBS = SOLID FENCE
BUILDING FACADE SHRUBS= 32 = 25%

SOUTH PROPERTY LINE 272'
REQUIRED: TYPE 1 BUFFER
1 SHADE TREE 1/100' = 3
1 ORNAMENTAL / 100' = 3
1 EVERGREEN / 100' = 3
20 SHRUBS / 100' = 54

PROVIDED:
SHADE TREES = 3
ORNAMENTAL TREES = 3
EVERGREEN TREES = 3
SHRUBS = 54

EAST PROPERTY LINE 653'
REQUIRED: TYPE 1 BUFFER
1 SHADE TREE 1/100' = 7
1 ORNAMENTAL / 100' = 7
1 EVERGREEN / 100' = 7
20 SHRUBS / 100' = 131

PROVIDED:
SHADE TREES = 7
ORNAMENTAL TREES = 7
EVERGREEN TREES = 7
SHRUBS = 130



Sheet - L1

Landscape Plan

2018-55
Shield Storage
151st Terrace

Preliminary Development Plan

PREPARED FOR:
GREENSCAPE DEV. PARTNERS
C/O JUSTIN LEE
3450 TRIUMPH BLVD., SUITE 102
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(801) 753-5660
JUSTIN@GOGDP.NET

NAPIER ENGINEERING, LLC
207 S. 5th Street
Leavenworth, KS 66048
913.375.0482
brett@napiereng.com

Date of Preparation:
November 2, 2018

Revised Date:
1-31-19 CITY COMMENTS
2-19-19 COMMENTS
-
-

1st Submittal

WEST ELEVATION

CATEGORY 1 MATERIALS:
MINIMUM: 20%
ACTUAL: 58.9%
CLEAR GLAZING: 18.3%
STUCCO: 40.6%

CATEGORY 2 MATERIALS:
BLOCK: 17.6%
FIBER CEMENT PANEL: 19.4%
ARCH. METAL PANEL: 4.1%

CATEGORY 3 MATERIALS:
0

TRANSPARENCY:
18.3%

SIGNAGE:
1.1%

FACADE EXPRESSION TOOLS:
- WALL PROJECTION
- VARIATION IN HEIGHT
- WALL OFFSET
- INCREASE MATERIAL QUALITY

EAST ELEVATION

CATEGORY 1 MATERIALS:
MINIMUM: 20%
ACTUAL: 69.1%
STUCCO: 69.1%

CATEGORY 2 MATERIALS:
BLOCK: 15.1%
FIBER CEMENT PANEL: 1%

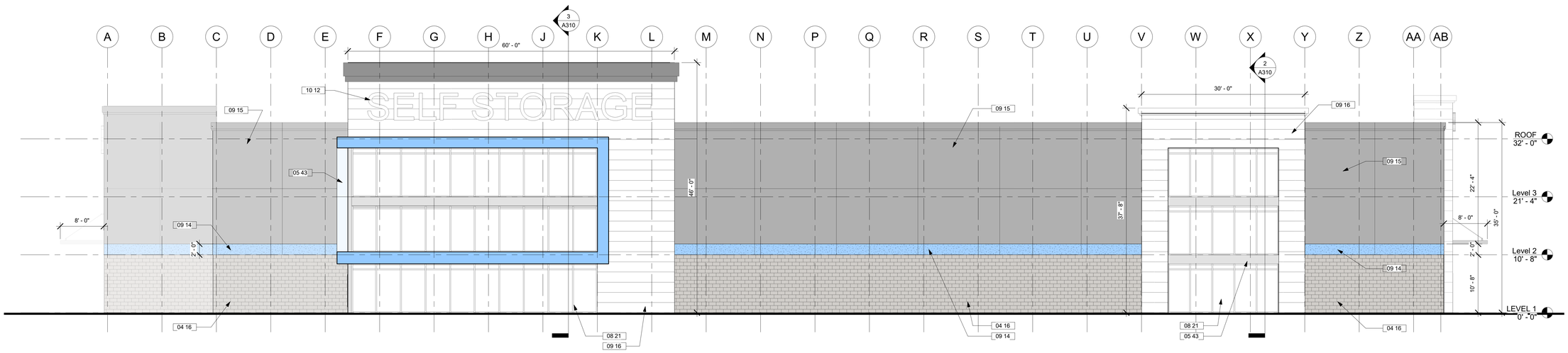
CATEGORY 3 MATERIALS:
14.8%

TRANSPARENCY:
0

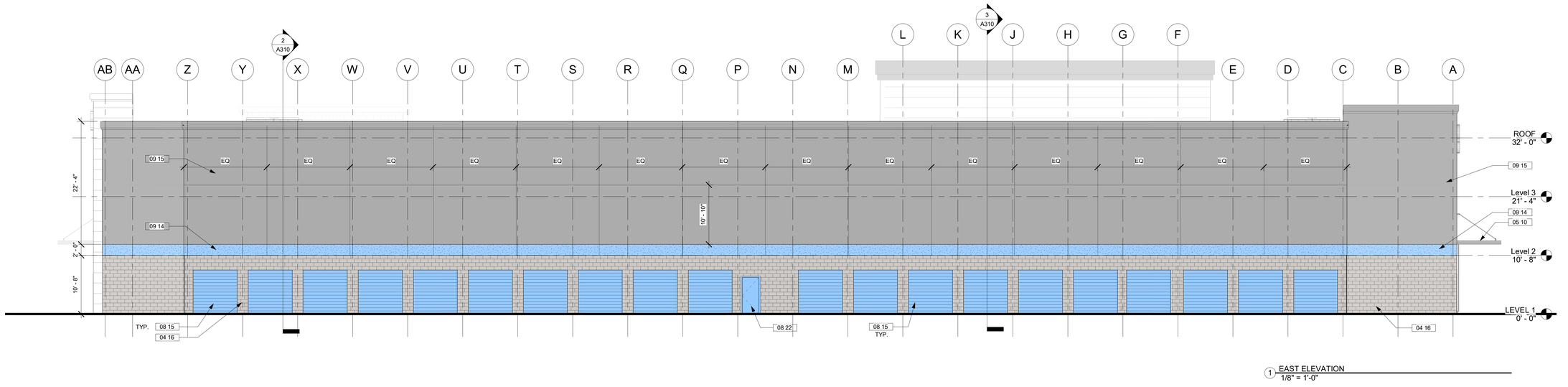
SIGNAGE:
0%

FACADE EXPRESSION TOOLS:
- WALL PROJECTION
- VARIATION IN HEIGHT
- INCREASE MATERIAL QUALITY

Keynote Legend	
Key Value	Keynote Text
04 16	8"X8"X16" SPLIT FACE BLOCK C.M.U., "BUEHNER BLOCK". PROVIDE REINFORCING PER STRUCTURAL ENGINEER. PROVIDE WEEPS AT BASE @ 32" O.C., COLOR:
05 10	METAL AWNING W/ TURN BUCKLES OVER LIGHT GAUGE GALVANIZED FRAMING W/ METAL PANEL SOFFIT. PROVIDE SOLID BLOCKING IN WALL FOR AWNING SUPPORT, TURN BUCKLE & FASCIA COLOR: BRONZE, SOFFIT COLOR:
05 43	21 GA. ALUMINUM PANEL (COLOR: TO BE SELECTED BY ARCHITECT)
07 13	PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT, CONNECT TO DRAINS AS SHOWN, TYPICAL, COLOR: TO MATCH STUCCO
08 15	8'-0"W X 8'-0"H EXTERIOR MANUAL OVERHEAD COILING DOOR, COVER GAP BETWEEN MASONRY AND STEEL FRAMING ALUMINUM W/ FLASHING W/ROLLED EDGE, COLOR: TO BE SELECTED BY ARCHITECT
08 18	ALUMINUM STOREFRONT SLIDING DOOR, "KAWNEER" OR APPROVED EQUAL, W/ CLEAR, DOUBLE GLAZING. PROVIDE BACKER ROD AND SEALANT ALL AROUND AND GALV. FLASHING AT HEAD, TYP., COLOR:
08 21	ALUMINUM STOREFRONT, "KAWNEER" OR APPROVED EQUAL, W/ CLEAR, DOUBLE GLAZING. PROVIDE BACKER ROD AND SEALANT ALL AROUND AND GALV. FLASHING AT HEAD, TYP., COLOR:
08 22	INSULATED EXTERIOR STEEL MAN DOOR W/ STEEL DOOR FRAME. COLOR:
09 14	STUC-O-FLEX PERM-FLEX ASSEMBLY (OR APPROVED EQUAL) (ACCENT COLOR: TO BE SELECTED BY ARCHITECT)
09 15	STUC-O-FLEX PERM-FLEX ASSEMBLY (OR APPROVED EQUAL) (COLOR: TO BE SELECTED BY ARCHITECT)
09 16	FIBER CEMENT PANEL (NICHIHA "ILLUMINATION" PRODUCT OR APPROVED EQUAL) COLOR: WHITE
10 12	EXTERIOR SIGNAGE NOT IN CONTRACT. PROVIDE POWER TO THIS LOCATION.



2 WEST ELEVATION
1/8" = 1'-0"



1 EAST ELEVATION
1/8" = 1'-0"

PRELIMINARY SITE APPROVAL

THE RICHARDSON DESIGN PARTNERSHIP, L.L.C.
510 South 600 East
Salt Lake City, Utah 84102
P: 801.355.6868
F: 801.355.6880

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CONSULTANT:

OWNER:
GREENSPACE DEV. PARTNERS

PROJECT:
151ST SELF STORAGE
OLATHE, KANSAS

DATE	DESCRIPTION

EXTERIOR ELEVATIONS

PROJECT # 180
DRAWN BY: Author
CHECKED BY: Checker

SHEET #
A210

2/1/2019 11:37:29 AM
C:\Users\Owner\GDP Companies Dropbox\GAP\Projects\180\00\Olathe 151st - 18000 Architecture\Revit\151st Terrace BUILDING A.rvt

NORTH ELEVATION

CATEGORY 1 MATERIALS:
MINIMUM REQ: 20%
ACTUAL: 61.5%
CLEAR GLAZING: 9.5%
STUCCO: 55.5%

CATEGORY 2 MATERIALS:
BLOCK: 19.4%
FIBER CEMENT PANEL: 12.4%
ARCH. METAL PANEL: 3.4%

CATEGORY 3 MATERIALS:
0

TRANSPARENCY:
11%

SIGNAGE:
7.2% OF WALL AREA

FACADE EXPRESSION TOOLS:
- WALL PROJECTION
- VARIATION IN HEIGHT
- WALL OFFSET
- INCREASE MATERIAL QUALITY

SOUTH ELEVATION

CATEGORY 1 MATERIALS:
MINIMUM REQ: 20%
ACTUAL: 57.7%
CLEAR GLAZING: 6.6%
STUCCO: 51.1%

CATEGORY 2 MATERIALS:
BLOCK: 21.7%
FIBER CEMENT PANEL: 20.6%

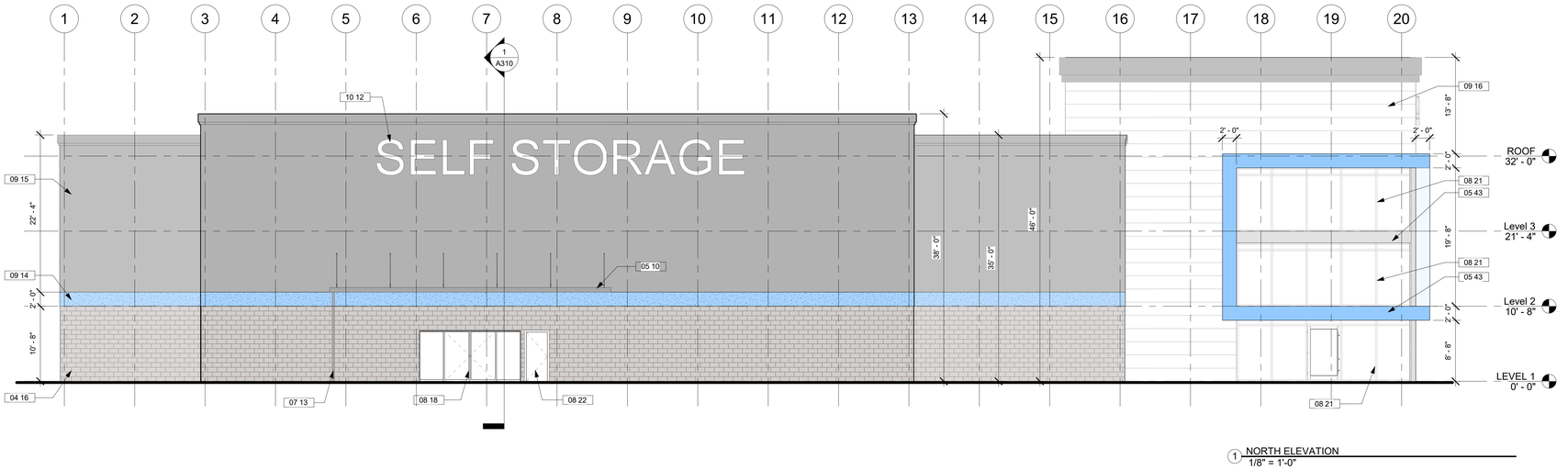
CATEGORY 3 MATERIALS:
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TRANSPARENCY:
6.6%

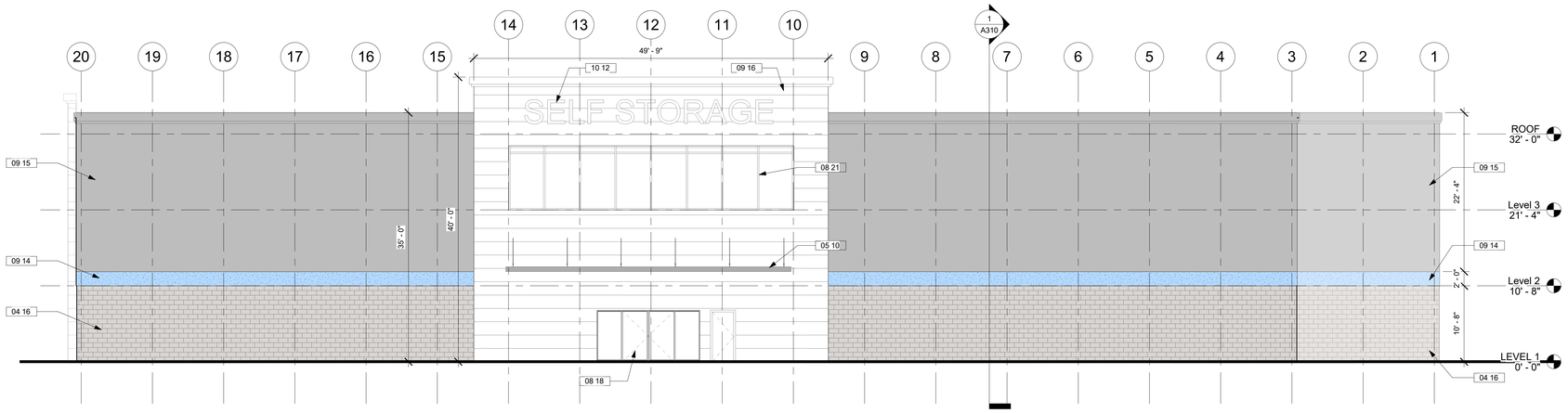
SIGNAGE:
1.5%

FACADE EXPRESSION TOOLS:
- WALL PROJECTION
- VARIATION IN HEIGHT
- INCREASE MATERIAL QUALITY

Keynote Legend	
Key Value	Keynote Text
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05 10	METAL AWNING W/ TURN BUCKLES OVER LIGHT GAUGE GALVANIZED FRAMING W/ METAL PANEL SOFFIT. PROVIDE SOLID BLOCKING IN WALL FOR AWNING SUPPORT, TURN BUCKLE & FASCIA COLOR: BRONZE, SOFFIT COLOR:
05 43	21 GA. ALUMINUM PANEL (COLOR: TO BE SELECTED BY ARCHITECT)
07 13	PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT, CONNECT TO DRAINS AS SHOWN, TYPICAL, COLOR: TO MATCH STUCCO
08 15	8'-0"W X 8'-0"H EXTERIOR MANUAL OVERHEAD COILING DOOR, COVER GAP BETWEEN MASONRY AND STEEL FRAMING ALUMINUM W/ FLASHING W/ROLLED EDGE, COLOR: TO BE SELECTED BY ARCHITECT
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09 16	FIBER CEMENT PANEL (NICHIHA "ILLUMINATION" PRODUCT OR APPROVED EQUAL) COLOR: WHITE
10 12	EXTERIOR SIGNAGE NOT IN CONTRACT. PROVIDE POWER TO THIS LOCATION.



1 NORTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"

THE RICHARDSON DESIGN PARTNERSHIP, L.L.C.
510 South 600 East
Salt Lake City, Utah 84102
P: 801.355.6868
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CONSULTANT:

OWNER:
GREENSPACE DEV.
PARTNERS

PROJECT:
151ST SELF STORAGE
OLATHE, KANSAS

DATE	DESCRIPTION

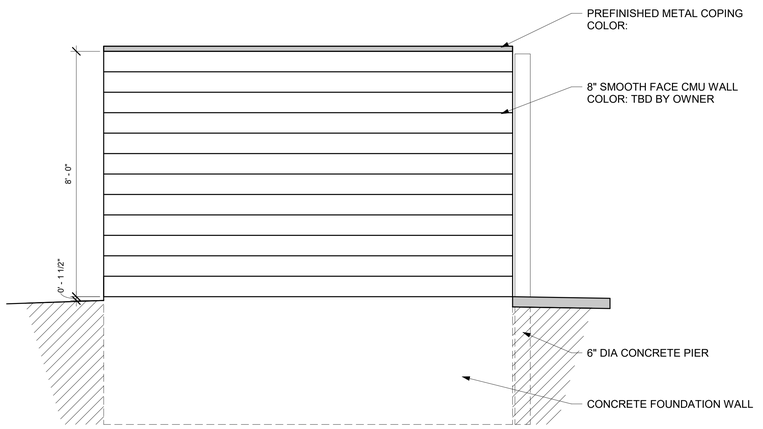
PRELIMINARY SITE APPROVAL

EXTERIOR ELEVATIONS

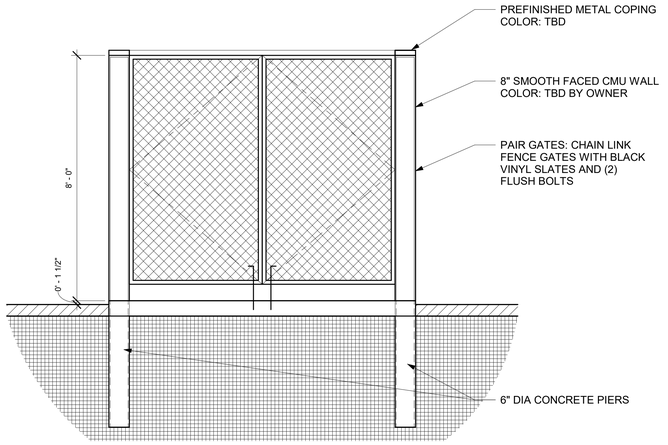
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CHECKED BY:: Checker

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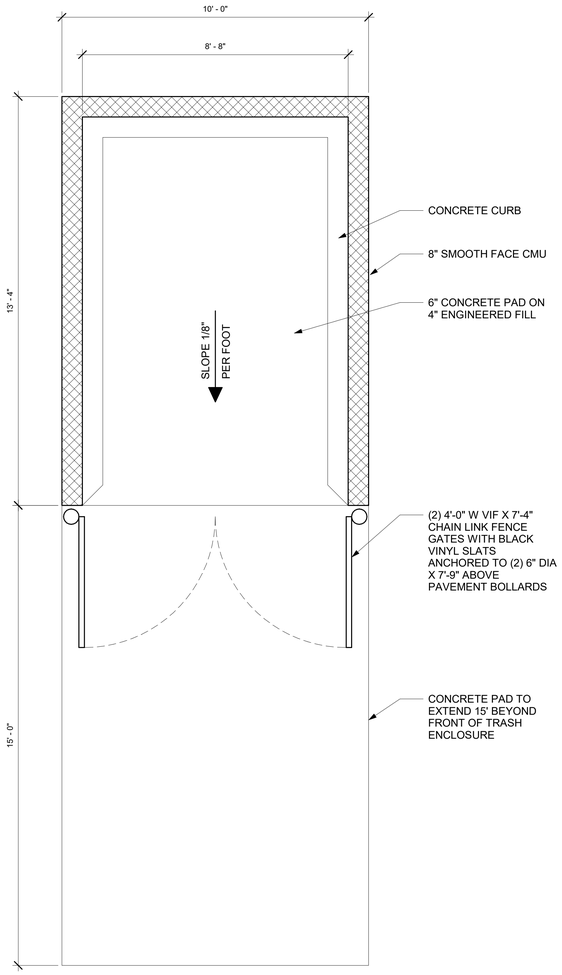
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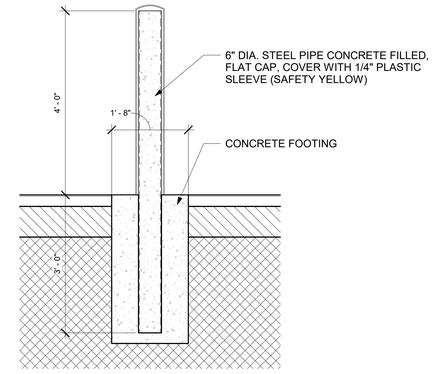
1 TRASH ENCLOSURE SIDE ELEVATION
1/2" = 1'-0"



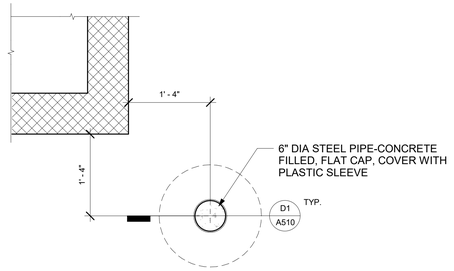
2 TRASH ENCLOSURE FRONT ELEVATION
1/2" = 1'-0"



C3 TRASH ENCLOSURE PLAN
1/2" = 1'-0"



D1 BOLLARD SECTION
3/4" = 1'-0"



D2 BOLLARD PLAN
1" = 1'-0"

THE RICHARDSON DESIGN PARTNERSHIP, L.L.C.
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Salt Lake City, Utah 84102
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CONSULTANT:

OWNER:
GREENSPACE DEV.
PARTNERS

PROJECT:
151ST SELF STORAGE
OLATHE, KANSAS

DATE	DESCRIPTION

PRELIMINARY SITE APPROVAL

SITE DETAILS

PROJECT # 1901
DRAWN BY: Author
CHECKED BY: Checker

SHEET #
A510

2/15/2019 11:59:38 AM
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