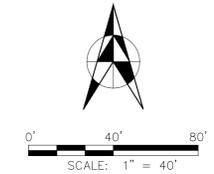
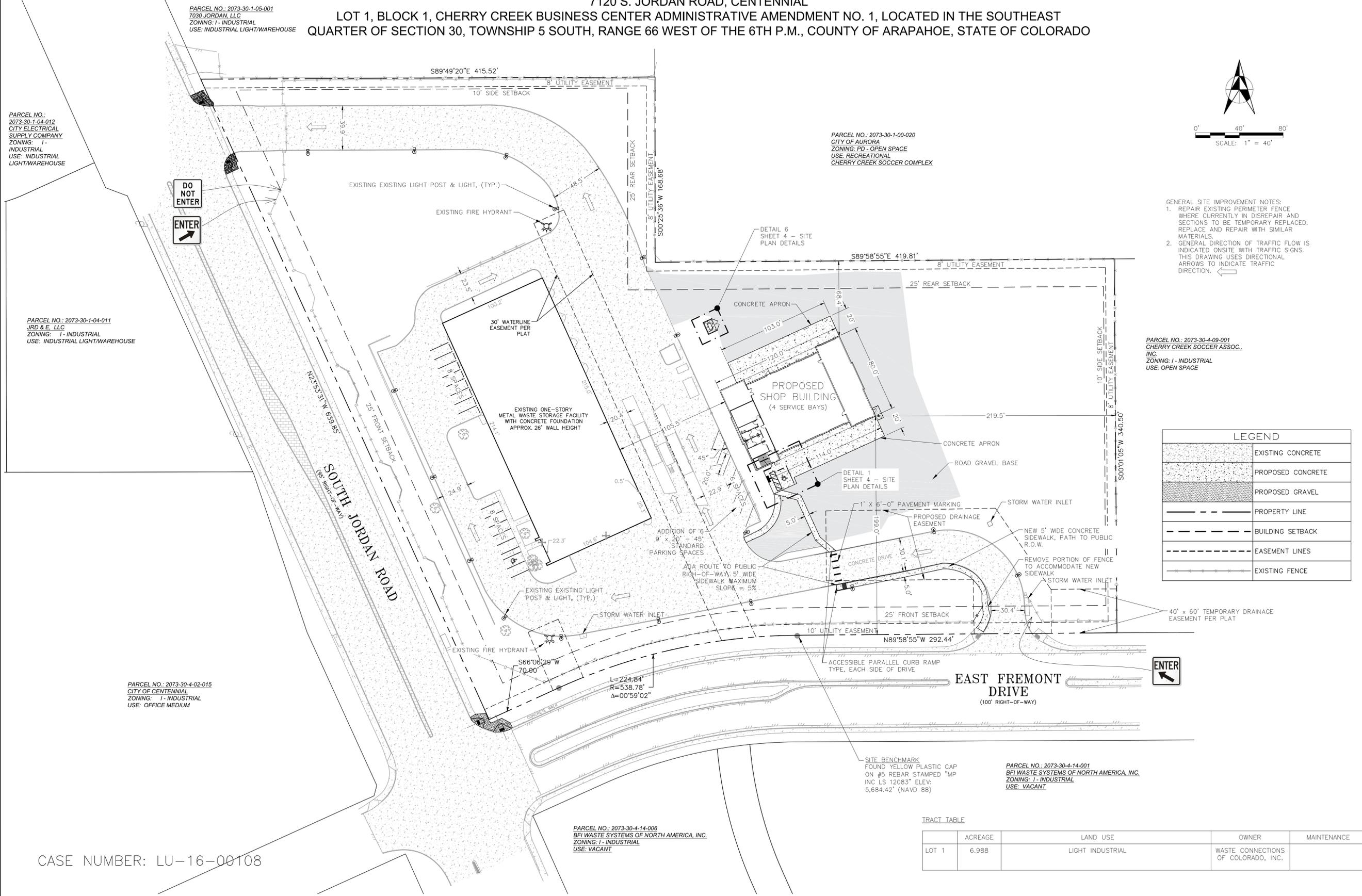


SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



- GENERAL SITE IMPROVEMENT NOTES:**
- REPAIR EXISTING PERIMETER FENCE WHERE CURRENTLY IN DISREPAIR AND SECTIONS TO BE TEMPORARILY REPLACED. REPLACE AND REPAIR WITH SIMILAR MATERIALS.
 - GENERAL DIRECTION OF TRAFFIC FLOW IS INDICATED ON SITE WITH TRAFFIC SIGNS. THIS DRAWING USES DIRECTIONAL ARROWS TO INDICATE TRAFFIC DIRECTION.

LEGEND	
	EXISTING CONCRETE
	PROPOSED CONCRETE
	PROPOSED GRAVEL
	PROPERTY LINE
	BUILDING SETBACK
	EASEMENT LINES
	EXISTING FENCE

PARCEL NO.: 2073-30-4-09-001
CHERRY CREEK SOCCER ASSOC., INC.
ZONING: I - INDUSTRIAL
USE: OPEN SPACE

OLSEN PERFORMANCE TEAM, LLC
27518 Wishing Oak LNDG
Spring, TX 77386
t.olsen@olsenperformance.com
(303) 880-4458

TRACT TABLE

LOT	ACREAGE	LAND USE	OWNER	MAINTENANCE
LOT 1	6.988	LIGHT INDUSTRIAL	WASTE CONNECTIONS OF COLORADO, INC.	

PARCEL NO.: 2073-30-4-14-006
BFI WASTE SYSTEMS OF NORTH AMERICA, INC.
ZONING: I - INDUSTRIAL
USE: VACANT

PARCEL NO.: 2073-30-4-14-001
BFI WASTE SYSTEMS OF NORTH AMERICA, INC.
ZONING: I - INDUSTRIAL
USE: VACANT

PARCEL NO.: 2073-30-4-02-015
CITY OF CENTENNIAL
ZONING: I - INDUSTRIAL
USE: OFFICE MEDIUM

PARCEL NO.: 2073-30-1-04-012
CITY ELECTRICAL SUPPLY COMPANY
ZONING: I - INDUSTRIAL
USE: INDUSTRIAL LIGHT/WAREHOUSE

PARCEL NO.: 2073-30-1-04-011
JRD & E, LLC
ZONING: I - INDUSTRIAL
USE: INDUSTRIAL LIGHT/WAREHOUSE

PARCEL NO.: 2073-30-1-05-001
7030 JORDAN, LLC
ZONING: I - INDUSTRIAL
USE: INDUSTRIAL LIGHT/WAREHOUSE

CASE NUMBER: LU-16-00108

JORDAN TRANSFER STATION SHOP PROJECT
SITE PLAN
SITE PLAN



JOB NO. OPT15-034
SCALE 1" = 40'
DATE November 1, 2016
SHEETS 10 SHEET 3

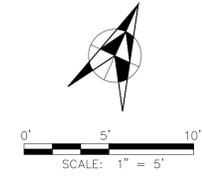
By	Date	Description
BJS	2/25/16	ISSUED FOR PERMIT
BJS	3/22/16	ISSUED FOR 2ND SUBMITTAL
BJS	3/22/16	ISSUED FOR 3RD SUBMITTAL
BJS	10/19/16	ISSUED FOR 4TH SUBMITTAL
BJS	11/07/16	ISSUED FOR 5TH SUBMITTAL

DRAWN: BJO
CHECKED: BJO
DESIGNED: BJO
FILENAME: Site Plan_Site-Plan.dwg

C:\Users\GPT\OneDrive\Documents\City of Centennial\Submittal\Site Plan_Site-Plan.dwg Plot Date: 11/1/2016 3:49 PM

SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



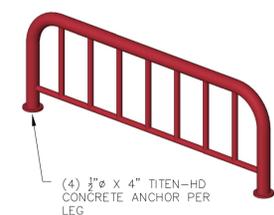
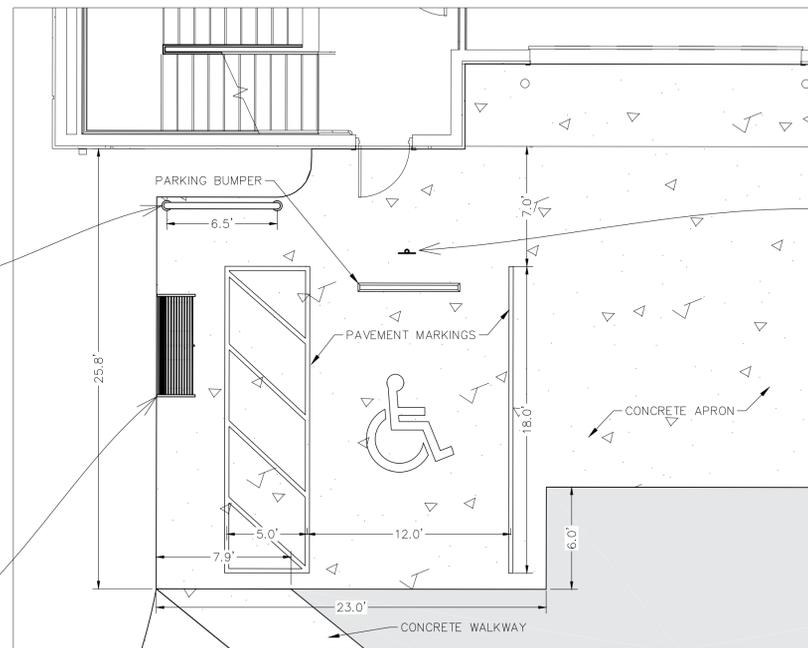
By	Date	Description
BJS	2/25/16	ISSUED FOR PERM
BJS	3/22/16	ISSUED FOR 2ND SUBMITTAL
BJS	3/22/16	ISSUED FOR 3RD SUBMITTAL
BJS	10/19/16	ISSUED FOR 4TH SUBMITTAL
BJS	11/07/16	ISSUED FOR 5TH SUBMITTAL

**JORDAN TRANSFER STATION SHOP PROJECT
SITE PLAN
SITE PLAN DETAILS**



OLSEN PERFORMANCE TEAM, LLC
27518 Wishing Oak LNDG
Spring, TX 77386
t.olsen@olsenperformance.com
(303) 880-4458

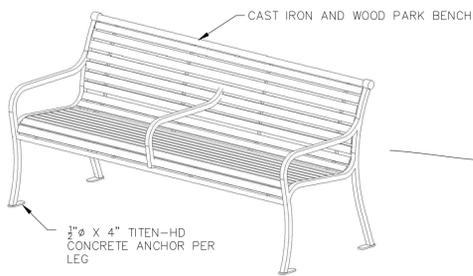
JOB NO.	OPT15-034
SCALE	
DATE	November 1, 2016
SHEETS	10
SHEET	4



4 BIKE RACK
NOT TO SCALE

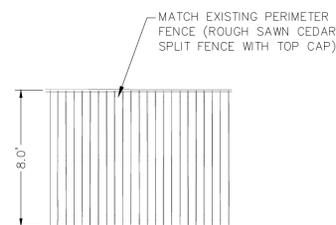


2 ACCESSIBLE PARKING SIGN DETAIL
NOT TO SCALE

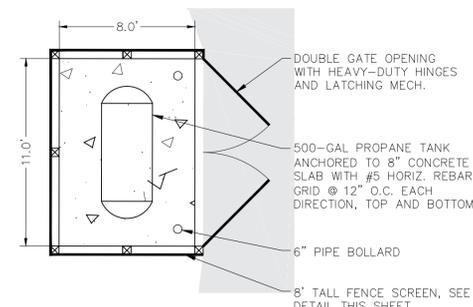


3 PARK BENCH
NOT TO SCALE

1 ACCESSIBLE PARKING DETAIL
1" = 5'-0"



5 FENCE SCREEN DETAIL
1" = 5'-0"



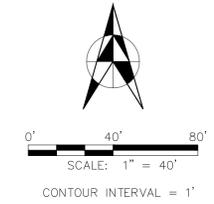
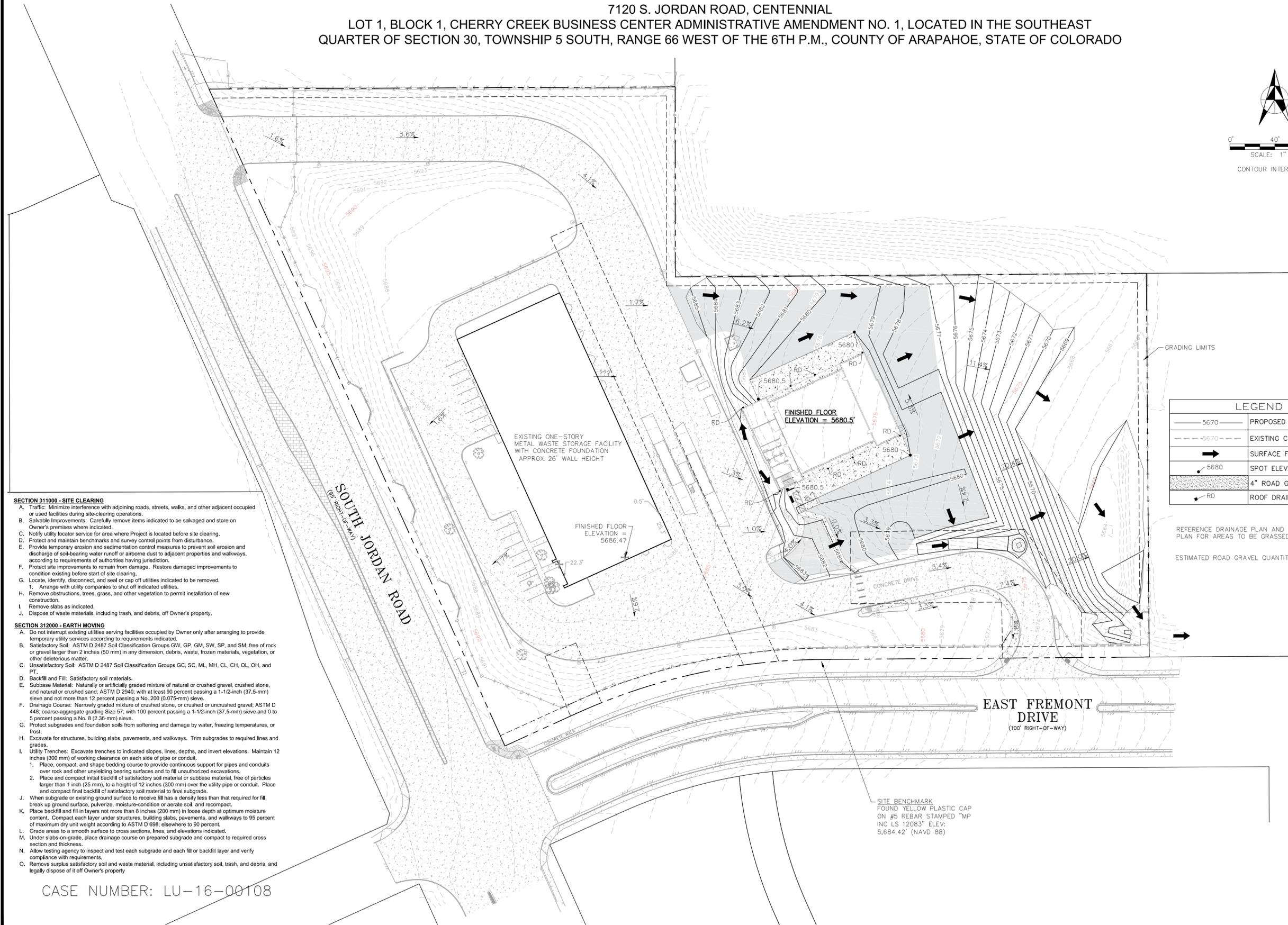
6 FENCE SCREEN DETAIL
1" = 5'-0"

CASE NUMBER: LU-16-00108

C:\Users\GPT\OneDrive\Documents\City of Centennial\Submittal\Site Plan_Site-Plan.dwg Plot Date: 11/1/2016 3:49 PM

SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



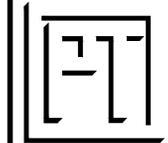
LEGEND	
—5670—	PROPOSED CONTOURS
- - -5670- - -	EXISTING CONTOURS
➔	SURFACE FLOW DIRECTION
●5680	SPOT ELEVATION
[Pattern]	4" ROAD GRAVEL
—RD	ROOF DRAIN

REFERENCE DRAINAGE PLAN AND LANDSCAPE PLAN FOR AREAS TO BE GRASSED.
ESTIMATED ROAD GRAVEL QUANTITY = 355 CU YD

- SECTION 311000 - SITE CLEARING**
- Traffic: Minimize interference with adjoining roads, streets, walks, and other adjacent occupied or used facilities during site-clearing operations.
 - Salvage Improvements: Carefully remove items indicated to be salvaged and store on Owner's premises where indicated.
 - Notify utility locator service for areas where Project is located before site clearing.
 - Protect and maintain benchmarks and survey control points from disturbance.
 - Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways, according to requirements of authorities having jurisdiction.
 - Protect site improvements to remain from damage. Restore damaged improvements to condition existing before start of site clearing.
 - Locate, identify, disconnect, and seal or cap off utilities indicated to be removed.
 - Arrange with utility companies to shut off indicated utilities.
 - Remove obstructions, trees, grass, and other vegetation to permit installation of new construction.
 - Remove slabs as indicated.
 - Dispose of waste materials, including trash, and debris, off Owner's property.
- SECTION 312000 - EARTH MOVING**
- Do not interrupt existing utilities serving facilities occupied by Owner only after arranging to provide temporary utility services according to requirements indicated.
 - Satisfactory Soil: ASTM D 2487 Soil Classification Groups GW, GP, GM, SW, SP, and SM; free of rock or gravel larger than 2 inches (50 mm) in any dimension, debris, waste, frozen materials, vegetation, or other deleterious matter.
 - Unsatisfactory Soil: ASTM D 2487 Soil Classification Groups GC, SC, ML, MH, CL, CH, OL, OH, and PT.
 - Backfill and Fill: Satisfactory soil materials.
 - Subbase Material: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940, with at least 90 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 12 percent passing a No. 200 (0.075-mm) sieve.
 - Drainage Course: Narrowly graded mixture of crushed stone, or crushed or uncrushed gravel; ASTM D 448, coarse-aggregate grading Size 57, with 100 percent passing a 1-1/2-inch (37.5-mm) sieve and 0 to 5 percent passing a No. 8 (2.36-mm) sieve.
 - Protect subgrades and foundation soils from softening and damage by water, freezing temperatures, or frost.
 - Excavate for structures, building slabs, pavements, and walkways. Trim subgrades to required lines and grades.
 - Utility Trenches: Excavate trenches to indicated slopes, lines, depths, and invert elevations. Maintain 12 inches (300 mm) of working clearance on each side of pipe or conduit.
 - Place, compact, and shape bedding course to provide continuous support for pipes and conduits over rock and other unyielding bearing surfaces and to fill unauthorized excavations.
 - Place and compact initial backfill of satisfactory soil material or subbase material, free of particles larger than 1 inch (25 mm), to a height of 12 inches (300 mm) over the utility pipe or conduit. Place and compact final backfill of satisfactory soil material to final subgrade.
 - When subgrade or existing ground surface to receive fill has a density less than that required for fill, break up ground surface, pulverize, moisture-condition or aerate soil, and recompact.
 - Place backfill and fill in layers not more than 8 inches (200 mm) in loose depth at optimum moisture content. Compact each layer under structures, building slabs, pavements, and walkways to 95 percent of maximum dry unit weight according to ASTM D 698; elsewhere to 90 percent.
 - Grade areas to a smooth surface to cross sections, lines, and elevations indicated.
 - Under slabs-on-grade, place drainage course on prepared subgrade and compact to required cross section and thickness.
 - Allow testing agency to inspect and test each subgrade and each fill or backfill layer and verify compliance with requirements.
 - Remove surplus satisfactory soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off Owner's property.

CASE NUMBER: LU-16-00108

JORDAN TRANSFER STATION SHOP PROJECT
SITE PLAN
GRADING PLAN



OLSEN PERFORMANCE TEAM, LLC
27518 Wishing Oak LNDG
Spring, TX 77386
t.olsen@olsenperformance.com
(303) 880-4458

JOB NO. OPT15-034	
SCALE 1" = 40'	
DATE November 1, 2016	
SHEETS	SHEET
10	5

By	Date	Description
BJO	2/25/16	ISSUED FOR PERM
BJO	3/22/16	ISSUED FOR 2ND SUBMITTAL
BJO	3/22/16	ISSUED FOR 3RD SUBMITTAL
BJO	10/19/16	ISSUED FOR 4TH SUBMITTAL
BJO	11/07/16	ISSUED FOR 5TH SUBMITTAL

DRAWN	BJO
CHECKED	BJO
DESIGNED	BJO
FILENAME	Site Plan_Site-Plan.dwg

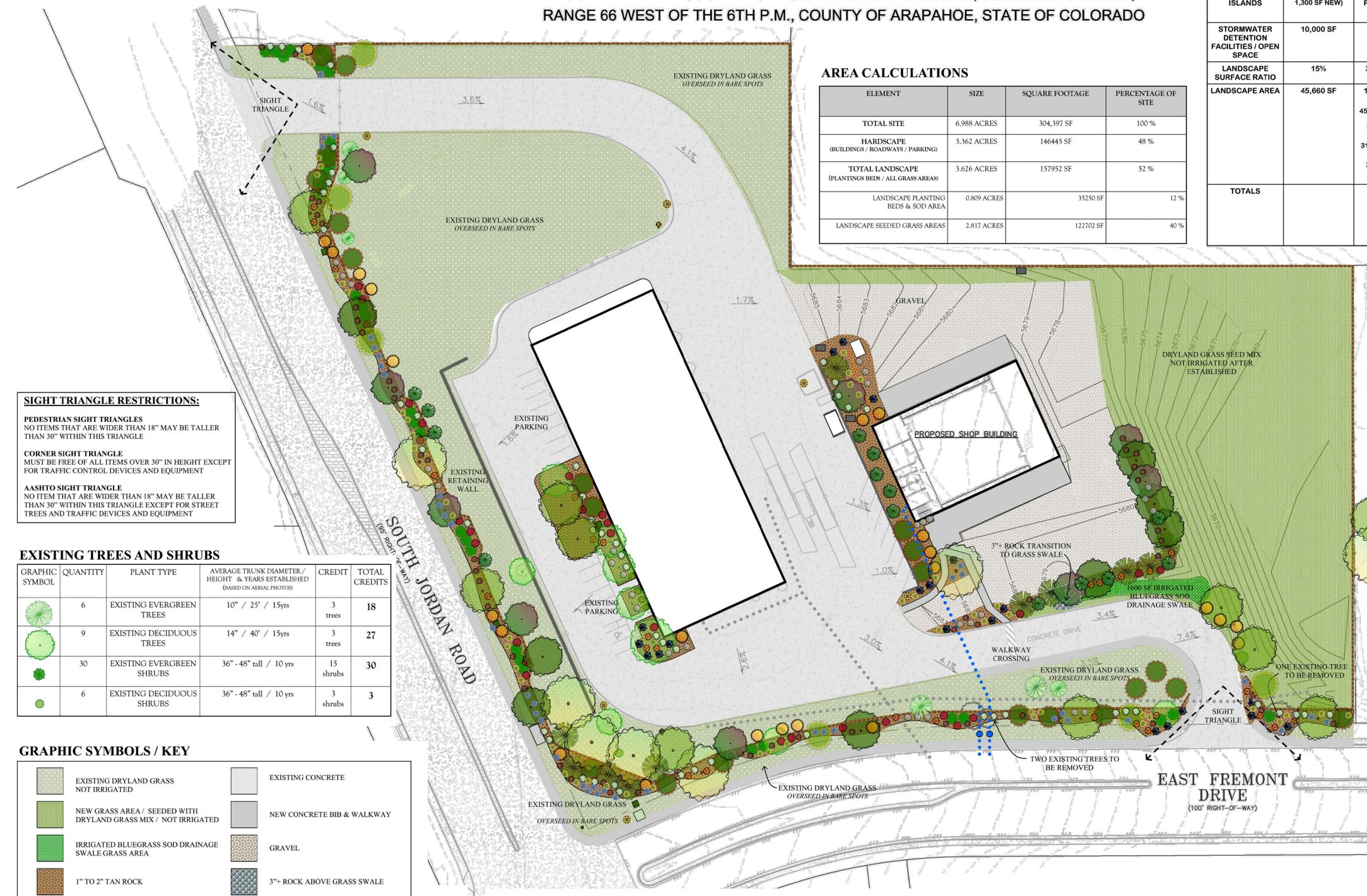
C:\Users\OP\OneDrive\Documents\City of Centennial\Submittal\Site Plan_Site-Plan.dwg Plot Date: 11/1/2016 3:49 PM

SITE PLAN

JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
 LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1,
 LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH,
 RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

NOTE: ENTIRE SITE IS REQUIRED TO BE BROUGHT INTO LANDSCAPING COMPLIANCE PER ARTICLE 8 IN THE CITY OF CENTENNIAL LAND DEVELOPMENT CODE



AREA CALCULATIONS

ELEMENT	SIZE	SQUARE FOOTAGE	PERCENTAGE OF SITE
TOTAL SITE	6.988 ACRES	304,397 SF	100 %
HARDSCAPE (BUILDINGS / ROADWAYS / PARKING)	3.362 ACRES	146,445 SF	48 %
TOTAL LANDSCAPE (PLANTINGS BEDS & SOD AREA)	3.626 ACRES	157,952 SF	52 %
LANDSCAPE PLANTING BEDS & SOD AREA	0.809 ACRES	35,250 SF	12 %
LANDSCAPE SEEDED GRASS AREAS	2.817 ACRES	122,702 SF	40 %

LANDSCAPE REQUIREMENTS

LANDSCAPE AREA	AREA	CALCULATIONS	PLANT UNIT MODEL TYPE	TOTAL REQUIRED	TOTAL PROVIDED
STREET TREES	950 LINEAR FEET	TYPICALLY 1 TREE PER 50 LINEAR FEET OF RIGHT-OF-WAY. FRONTAGE +25 = 19	N/A	19 TREES	37 TREES (11 NEW LARGE, 21 SMALL, 3 EVERGREEN & 2 EXISTING LARGE)
BUFFERVARDS	N/A	DEPENDS; SEE LDC TABLE 12-8-202, 12-8-404 AND 12-8-406	—	—	—
PARKING LOT LANDSCAPING ISLANDS	3,900 SF (2,600 SF EXISTING, 1,300 SF NEW)	23 PARKING SPACES 1 TREE PER 10 PARKING SPACES	N/A	2 TREES	33 TREES (11 NEW LARGE, 11 SMALL, 6 EVERGREEN & 5 EXISTING LARGE)
STORMWATER DETENTION FACILITIES / OPEN SPACE	10,000 SF	N/A	N/A	N/A	10,000 SF
LANDSCAPE SURFACE RATIO	15%	304,397 SF X 0.15	N/A	45,660 SF	85,500 SF
LANDSCAPE AREA	45,660 SF	1.00 PLANT UNITS PER 1000 SF 45,660 SF MINUS 3,900 SF MINUS 10,000 SF = 31,760 SF 31,760 SF + 1,000 SF = 32,760 SF 32,760 SF / 1,000 = 32.76 32.76 X 1.00 = 32.76 (round to nearest five hundredths)	ALTERNATIVE A LARGE TREE - 1 SMALL TREES - 2 EVERGREENS - 1 SHRUBS - 11 31.8 PLANT UNITS	LARGE TREES - 32 SMALL TREES - 64 EVERGREENS - 34 SHRUBS & - 350 GRASSES	LARGE TREES - 37 SMALL TREES - 19 EVERGREENS - 34 SHRUBS - 138 GRASSES - 212
TOTALS				LARGE TREES - 53 SMALL TREES - 64 EVERGREENS - 32 SHRUBS & - 350 GRASSES 499	LARGE TREES - 66 SMALL TREES - 61 EVERGREENS - 43 SHRUBS & - 350 GRASSES 499

SIGHT TRIANGLE RESTRICTIONS:

PEDESTRIAN SIGHT TRIANGLES
NO ITEMS THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THIS TRIANGLE

CORNER SIGHT TRIANGLE
MUST BE FREE OF ALL ITEMS OVER 30" IN HEIGHT EXCEPT FOR TRAFFIC CONTROL DEVICES AND EQUIPMENT

AASHTO SIGHT TRIANGLE
NO ITEM THAT ARE WIDER THAN 18" MAY BE TALLER THAN 30" WITHIN THIS TRIANGLE EXCEPT FOR STREET TREES AND TRAFFIC DEVICES AND EQUIPMENT

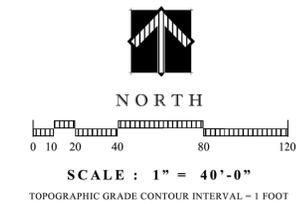
EXISTING TREES AND SHRUBS

GRAPHIC SYMBOL	QUANTITY	PLANT TYPE	AVERAGE TRUNK DIAMETER / HEIGHT & YEARS ESTABLISHED (BASED ON AERIAL PHOTOS)	CREDIT	TOTAL CREDITS
	6	EXISTING EVERGREEN TREES	10" / 25' / 15yrs	3 trees	18
	9	EXISTING DECIDUOUS TREES	14" / 40' / 15yrs	3 trees	27
	30	EXISTING EVERGREEN SHRUBS	36" - 48" tall / 10 yrs	15 shrubs	30
	6	EXISTING DECIDUOUS SHRUBS	36" - 48" tall / 10 yrs	3 shrubs	3

GRAPHIC SYMBOLS / KEY

	EXISTING DRYLAND GRASS NOT IRRIGATED		EXISTING CONCRETE
	NEW GRASS AREA / SEEDED WITH DRYLAND GRASS MIX / NOT IRRIGATED		NEW CONCRETE BIB & WALKWAY
	IRRIGATED BLUEGRASS SOD DRAINAGE SWALE GRASS AREA		GRAVEL
	1" TO 2" TAN ROCK		3"+ ROCK ABOVE GRASS SWALE
	DOMESTIC WATER SERVICE LINE		WATER SERVICE TAP
	DOMESTIC SEWER SERVICE LINE		GROUND MOUNTED LIGHT POLES
	PROPANE GAS SERVICE LINE		EXISTING SOLID FENCE
	FIRE HYDRANT		GROUND LEVEL UTILITY BOXES

CASE NUMBER: LU-16-00108



NEW TREES & SHRUBS TO BE INSTALLED

* Installed sizes listed will meet or exceed height requirements

Graphic Symbol	Quantity	Common Name	Botanical Name	Height	Spread	* Installed size
Large Deciduous / Shade Trees						
	8	Western Catalpa	Catalpa speciosa	50'	30'	2 1/2" cal.
	9	Shademaster Locust	Gleditsia triacanthos inermis 'Shademaster'	50'	35'	2 1/2" cal.
	9	Frontier Elm	Ulmus 'Frontier'	40'	30'	2 1/2" cal.
	6	Kentucky Coffeetree	Gymnocladus dioica	60'	50'	3" cal.
Small Deciduous / Ornamental Trees						
	6	Goldenrain Tree	Koeleruteria paniculata	30'	25'	2" cal.
	21	Hot Wings Maple	Acer tataricum 'Garann'	25'	20'	2" cal.
	24	Shadblow Serviceberry (multi-trunk / clump)	Amelanchier canadensis	10'	10'	1 1/2" cal. (8' tall)
Evergreen Trees						
	11	Austrian Pine	Pinus nigra	50'	20'	10'
	14	Pinyon Pine	Pinus edulis	25'	15'	8'
Deciduous Shrubs						
	29	Red Chokeberry	Aronia arbutifolia 'Brilliantissima'	7'	6'	5 gal.
	28	Miss Kim Lilac	Syringa patula 'Miss Kim'	5'	5'	5 gal.
	28	Fragrant Sumac	Rhus aromatica	6'	5'	5 gal.
Evergreen Shrubs						
	20	Blue Chip Juniper	Juniperus horizontalis 'Blue Chip'	10'	6'	5 gal.
Ornamental Grasses						
	72	Maiden Grass	Miscanthus sinensis 'Gracillimus'	4-5'	3-5'	5 gal.
	50	Red Switch Grass	Panicum virgatum 'Shenandoah'	3-4'	2-3'	1 gal.
	53	Feather Reed Grass	Calamagrostis acutiflora 'Karl Foerster'	4-5'	2'	1 gal.
	37	Blue Avena Oat Grass	Helictotrichon sempervirens	2-3'	2-3'	1 gal.



JORDAN TRANSFER STATION SHOP PROJECT
 SITE PLAN
 LANDSCAPE PLAN

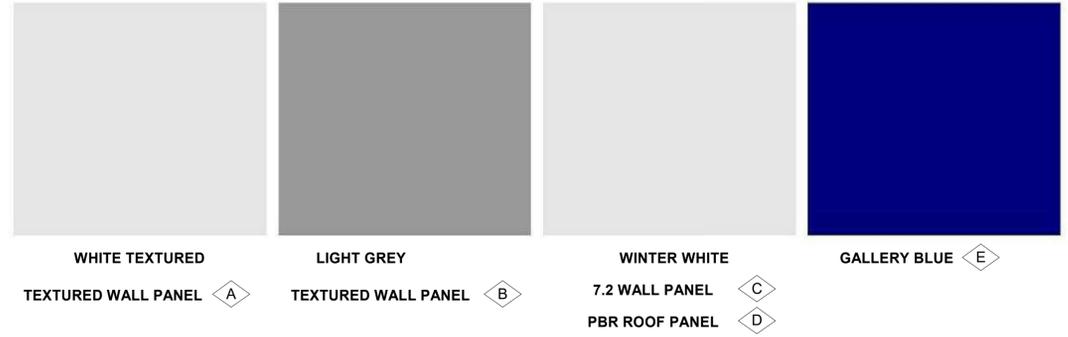
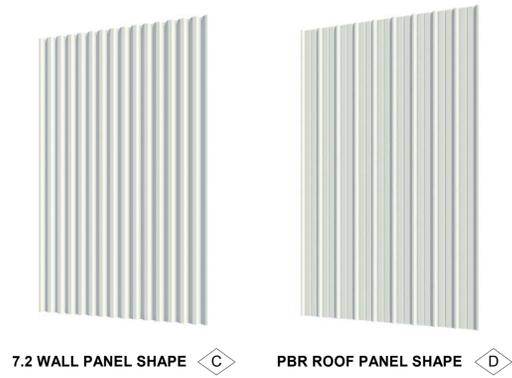


OLSEN PERFORMANCE TEAM, LLC
 27518 Wishing Oak LN DG
 Spring, TX 77386
 b.olsen@olsenperformance.com
 (303) 880-4458

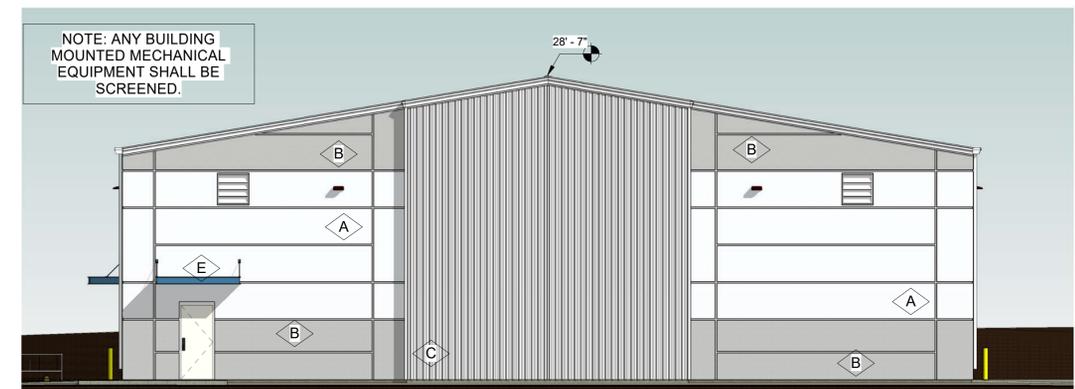
JOB NO. OPT15-034
 SCALE: 1" = 40'
 DATE: October 18, 2016
 SHEETS: 10 SHEET: 6

SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER
OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



S South Elevation
1/8" = 1'-0"



E East Elevation
1/8" = 1'-0"



N North Elevation
1/8" = 1'-0"



W West Elevation
1/8" = 1'-0"



LOOKING NORTHWEST FROM SOUTHERN ENTRANCE ROAD



SOUTHEAST BUILDING ELEVATION RENDERING



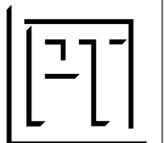
NORTHEAST BUILDING ELEVATION RENDERING

CASE NUMBER: LU-16-00108

By	Date	Description
BJD	10/16/2016	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS
BJD	10/20/16	ISSUED FOR PERMITS

DESIGNED	BJD
CHECKED	BJD
APPROVED	BJD

JORDAN TRANSFER STATION SHOP PROJECT
 SITE PLAN
 BUILDING ELEVATIONS



OLSEN PERFORMANCE
TEAM, LLC
27518 Wishing Oak LN DG
Spring, TX 77386
olsean@olseanperformance.com
(303) 880-4458

JOB NO. OPT15-034

SCALE

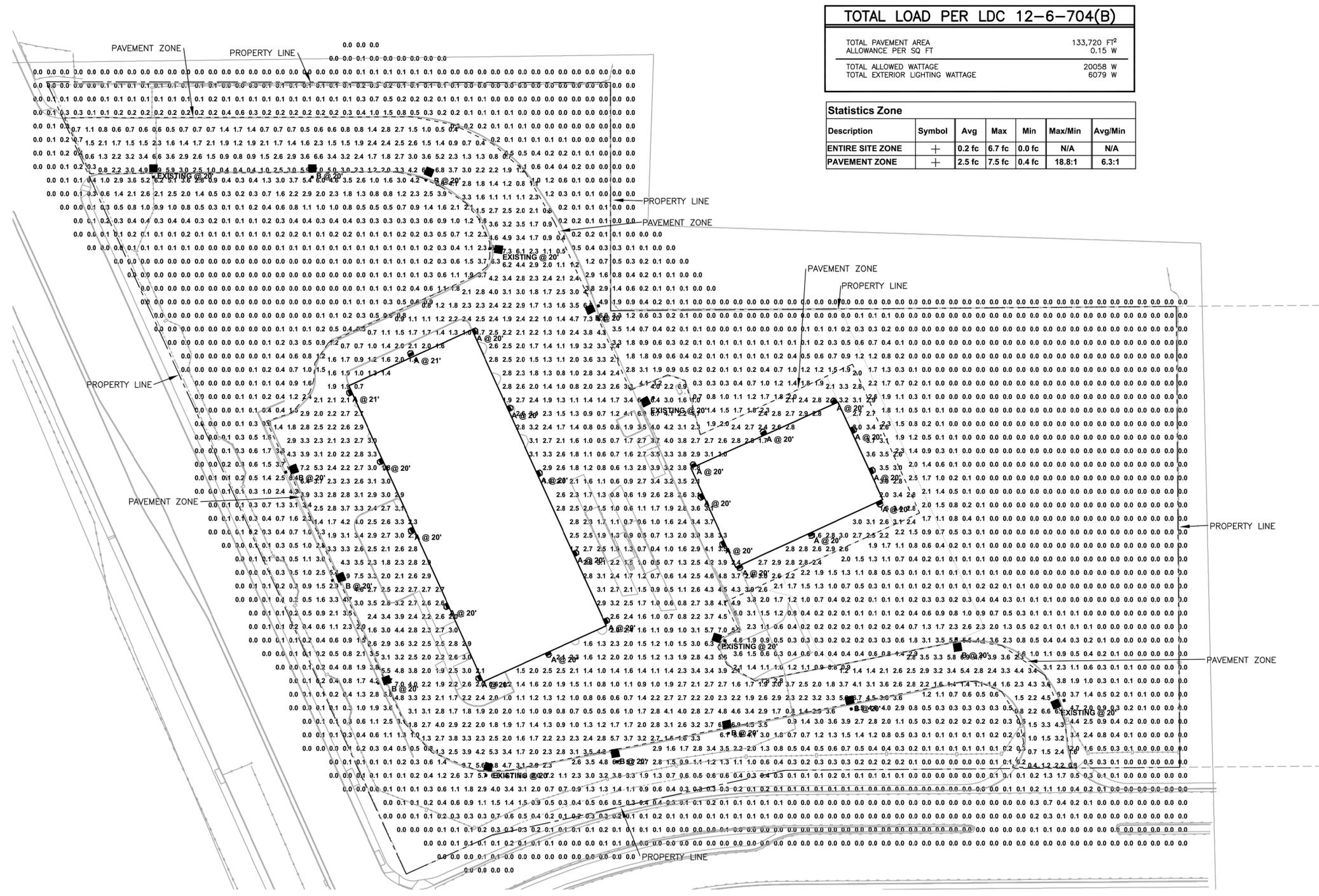
DATE October 16, 2016

SHEETS 10 SHEET 8

10 8

SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO



TOTAL LOAD PER LDC 12-6-704(B)	
TOTAL PAVEMENT AREA	133,720 FT ²
ALLOWANCE PER SQ FT	0.15 W
TOTAL ALLOWED WATTAGE	20058 W
TOTAL EXTERIOR LIGHTING WATTAGE	6079 W

Statistics Zone						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
ENTIRE SITE ZONE	+	0.2 fc	6.7 fc	0.0 fc	N/A	N/A
PAVEMENT ZONE	+	2.5 fc	7.5 fc	0.4 fc	18.8:1	6.3:1

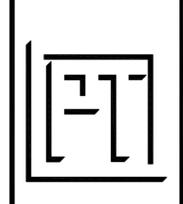


SITE PHOTOMETRIC

CASE NUMBER: LU-16-00108

Date	Description
5/20/16	ISSUED FOR PERMIT
6/29/16	ISSUED FOR 2ND SUBMITTAL
9/23/16	ISSUED FOR 3RD SUBMITTAL
10/18/16	ISSUED FOR 4TH SUBMITTAL
11/01/16	ISSUED FOR 5TH SUBMITTAL

JORDAN TRANSFER STATION SHOP PROJECT
SITE PLAN
PHOTOMETRIC PLAN



OLSEN PERFORMANCE
 TEAM, LLC
 27518 Wishing Oak LNDC
 Spring, TX 77386
 b.olsen@olsenperformance.com
 (303) 880-4458

ENGINEERING BY:
BELFAY ENGINEERING P.C.
 Mechanical/Electrical Consulting Engineers
 2811 West 9th Ave. TEL: (303) 892-5980
 Denver, CO 80204 FAX: (303) 892-5979
 email: belfay@belfay.com

JOB NO.	OPT15-034
SCALE	
DATE	August 25, 2016
SHEETS	SHEET
10	9

S:\Drawings\2016 Jordan Transfer Station Shop 1603A\Barlow\Drawings\Photometric\1603A-Photometric.rvt Plot Date: 8/16/2016 9:19 AM

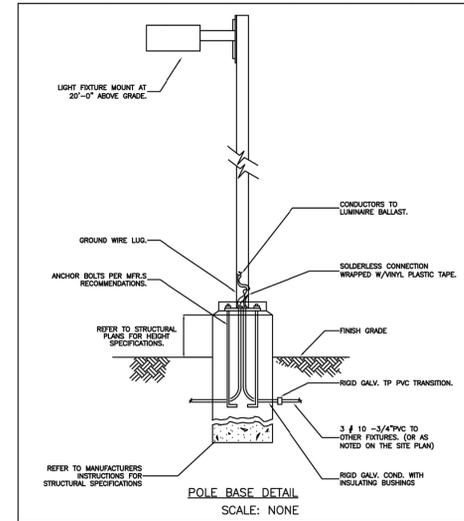
SITE PLAN JORDAN TRANSFER STATION SHOP PROJECT

7120 S. JORDAN ROAD, CENTENNIAL
LOT 1, BLOCK 1, CHERRY CREEK BUSINESS CENTER ADMINISTRATIVE AMENDMENT NO. 1, LOCATED IN THE SOUTHEAST QUARTER OF SECTION 30, TOWNSHIP 5 SOUTH, RANGE 66 WEST OF THE 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO

By	Date	Description
BJO	5/29/16	ISSUED FOR PERMIT
BJO	8/29/16	ISSUED FOR 2ND SUBMITTAL
BJO	9/23/16	ISSUED FOR 3RD SUBMITTAL
BJO	10/18/16	ISSUED FOR 4TH SUBMITTAL
BJO	11/01/16	ISSUED FOR 5TH SUBMITTAL

DRAWN: BJO
CHECKED: BJO
DESIGNED: BJO
FILENAME: 16034E-photometric.dwg

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Lumens Allowed Per LDC 12-6-706	Light Loss Factor	Wattage
	A	22	PHILIPS STONCO	LPW32-7 (FULL CUT-OFF)	LytePro 32 LED Medium Wall Sconce CAST GRAY ENAMEL ALUMINUM AND PLASTIC HOUSING, CLEAR GLASS ENCLOSURE	32 WHITE LEDS WITH CLEAR PLASTIC OPTICS BELOW EACH	1	LPW32-7.IES	6911	N/A	1	70.5
	EXISTING	6	N/A	MCL-3-250 (FULL CUT-OFF)	TYPE III	250 WATT PULSE-START CLEAR ED-28 HORIZONTAL BURN	1	Mcl3250.ies	22000	60,000	1	283
	B	10	PHILIPS STONCO	MCL-3-250 (FULL CUT-OFF)	TYPE III	250 WATT PULSE-START CLEAR ED-28 HORIZONTAL BURN	1	Mcl3250.ies	22000	60,000	1	283



No.	Label	Location					
		X	Y	Z	MH	Orientation	
1	A	625.00	538.00	20.00	20.00	333.43	
2	A	573.00	515.00	20.00	20.00	333.43	
3	A	521.00	491.00	20.00	20.00	333.43	
4	A	639.00	517.00	20.00	20.00	63.43	
5	A	653.00	487.00	20.00	20.00	63.43	
6	A	659.00	463.00	20.00	20.00	156.80	
7	A	608.00	440.00	20.00	20.00	156.80	
8	A	555.00	416.00	20.00	20.00	156.80	
9	A	527.00	468.00	20.00	20.00	243.44	
10	A	543.00	433.00	20.00	20.00	243.44	
14	A	266.00	545.00	21.00	21.00	245.32	
17	A	289.00	494.00	20.00	20.00	243.44	
20	A	311.00	573.00	21.00	21.00	334.98	
21	A	433.00	426.00	20.00	20.00	63.43	
22	A	456.00	376.00	20.00	20.00	63.43	
24	A	362.00	334.00	20.00	20.00	243.44	
25	A	413.00	352.00	20.00	20.00	154.98	
26	A	312.00	443.00	20.00	20.00	243.44	
27	A	338.00	387.00	20.00	20.00	243.44	
28	A	406.00	485.00	20.00	20.00	63.43	
29	A	384.00	533.00	20.00	20.00	63.43	
30	A	358.00	590.00	20.00	20.00	63.43	
1	B	638.00	311.00	20.00	20.00	348.69	
2	B	238.00	704.00	20.00	20.00	0.00	
3	B	464.00	272.00	20.00	20.00	348.69	
4	B	218.00	486.00	20.00	20.00	69.78	
5	B	253.00	406.00	20.00	20.00	70.02	
6	B	450.00	609.00	20.00	20.00	246.04	
7	B	716.00	363.00	20.00	20.00	171.87	
8	B	547.00	293.00	20.00	20.00	348.69	
9	B	287.00	330.00	20.00	20.00	70.02	
10	B	322.00	702.00	20.00	20.00	22.62	
1	EXISTING	120.00	704.00	20.00	20.00	0.00	
2	EXISTING	369.69	651.36	20.00	20.00	95.19	
3	EXISTING	491.00	641.00	20.00	20.00	243.44	
4	EXISTING	544.21	361.36	20.00	20.00	289.65	
5	EXISTING	366.80	281.74	20.00	20.00	15.81	
6	EXISTING	795.79	317.15	20.00	20.00	247.17	

TYPE A

The Philips Stonco LytePro LED Small Wall Sconce LPW32 features outstanding value in a compact, architectural design. This wall sconce features state-of-the-art, long-life and maintenance savings, in a combined discreet LED package with high precision over-optic design. This powerful and precise combination offers outstanding energy savings with excellent photometric performance. LPW32 is ideal for building perimeters and corridors in addition to wall lighting applications requiring strong lateral spacing and forward pattern projection.

Catalog Number	Description	UPC Code
LPW32-28DGY	LPW32, 71W, 700mA, 4000K, 120-277V, Dark gray textured paint	786034960564
LPW32-28WH	LPW32, 71W, 700mA, 4000K, 120-277V, White textured paint	786034960571
LPW32-28BZ	LPW32, 71W, 700mA, 4000K, 120-277V, Bronze textured paint	786034960588
LPW32-71BZPCB	LPW32, 71W, 700mA, 4000K, 120V, Bronze textured paint, w/button photocell	786034960595
LPW32-71BZDMR	LPW32, 71W, 700mA, 4000K, 120V or 277V, Bronze textured paint, w/motion response	786034960601

Catalog Number	Description	UPC Code
LPWCVRLP3-BZ	LPW Universal wall cover mounting plate, Bronze textured paint	786034960618

Family	Drive current	Voltage	Finish	Options
LPW32 = LytePro 32 LED Small Wall Sconce	7 = 700mA drive current	8 = 120-277V 1 = 120V DT = Dual Tap, 120V or 277V	8Z = Bronze textured paint DGY = Dark gray textured paint WH = White textured paint	PCL = Button photocell MR = Motion response

¹ Color availability and options vary by model; consult stock luminaire ordering guide above.

LPW16 09/15 page 1 of 3

TYPE B

CATALOG NO. _____ JOB NAME _____

TYPE NO. _____

MCL Series Medium Cutoff Roadway Luminaire (Type III Distribution)

ORDERING INFORMATION
Catalog Number: Example: MCL300MATURPC-8

FEATURE	DISTRIBUTION	WATTAGE	LAMP SOURCE	OPTIONS	VOLTAGE
MCL Medium Cutoff Roadway Luminaire	3-Type III	150-150W 175-170W 250-250W 320-320W 350-350W 400-400W	MA-Metal Halide LX-LX High Pressure Sodium PMA-per constant wattage auto regulated pulse start Metal Halide	A-Adjustable arm 15° max. F-Single fusing 120V, 277V FFS-Double fusing 200V, 240V, 480V TLR/PC-Twist lock photocell PCB-Button type photocell (not available with "A" option)	1-120V 2-208V 3-240V 4-277V 8-480V 8-120V 208V 240V 277V

ACCESSORIES
MCLV5-MCL Vandal Shield (Lexan).
MCLG5-MCL Glare Shield.
MCLS2-Replacement Lens Kit.

MOUNTING ACCESSORIES
MCLTA25R-two @ 90°
MCLTA35R-three @ 120°
MCLRP4A-MCL 4" Round Pole Adapter
MCLTA10R-MCL Tenon Adapter (2 3/8 OD) drilled for one
MCLTA20R-MCL Tenon Adapter (2 3/8 OD) drilled for two @ 180°
MCLTA30R-MCL Tenon Adapter (2 3/8 OD) drilled for three
MCLTA40R-MCL Tenon Adapter (2 3/8 OD) drilled for four
MCLTA55R-two @ 90°
MCLTA10S-MCL Tenon Adapter (2 3/8 OD) drilled for one SQ
MCLTA20S-MCL Tenon Adapter (2 3/8 OD) drilled for two @ 180° SQ
MCLTA30S-MCL Tenon Adapter (2 3/8 OD) drilled for three SQ
MCLTA40S-MCL Tenon Adapter (2 3/8 OD) drilled for four SQ
MCL10-MCL 5" SQ Wall Mounting Plate
MCL4WR-MCL 5" SQ Thru Wire Box
MCL11A-MCL 11" Arm
MCLARMLRSC-MCL 6" arm with Twist Lock Photocell and Shorting Clip
MCLHSS-House Side Shield

TECHNICAL INFORMATION
High Pressure Sodium: 150W ED-23, 250W ED-18, 400W ED-18
Metal Halide: 175W ED-28, 250W ED-28, 400W ED-37

PHILIPS Stonco

CASE NUMBER: LU-16-00108

JORDAN TRANSFER STATION SHOP PROJECT
SITE PLAN
SCHEDULE, LOCATIONS, AND SPEC SHEET



OLSEN PERFORMANCE TEAM, LLC
27518 Spring Oak LNDC
Spring, TX 77386
t.olsen@olsenperformance.com
(303) 880-4458

JOB NO. OPT15-034

SCALE

DATE August 25, 2016

SHEETS 10 SHEET 10

ENGINEERING BY:
BELFAY ENGINEERING P.C.
Mechanical/Electrical Consulting Engineers
2811 West 9th Ave. TEL: (303) 892-5980
Denver, CO 80204 FAX: (303) 892-5979
email: belfay@belfay.com