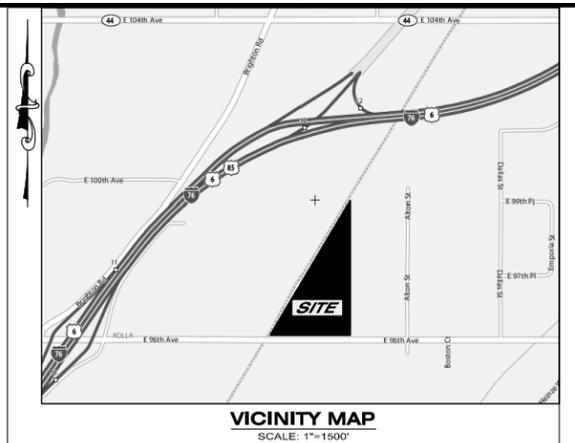
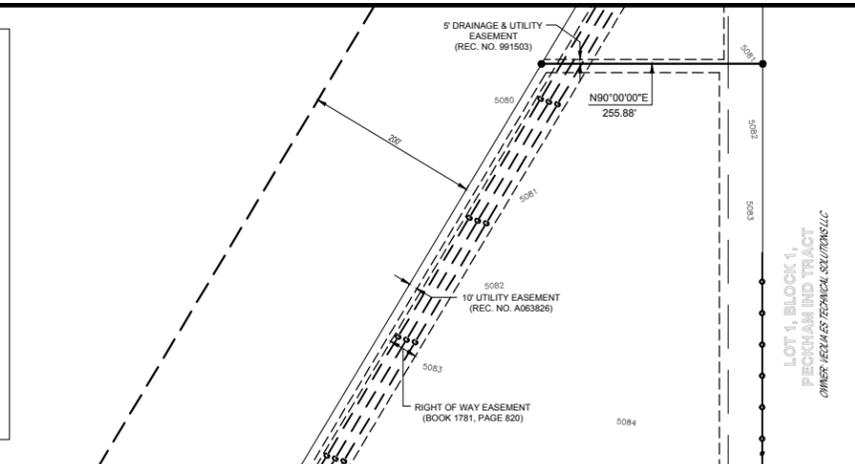
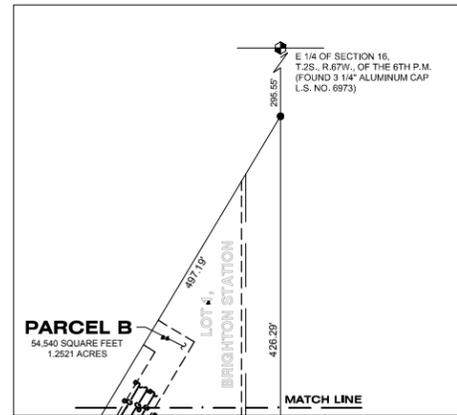




--- APPROXIMATE LOCATION OF ABOVE GROUND PIPES



LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF ADAMS, STATE OF COLORADO, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

LOT 1, BLOCK 1, FIRST ADDITION TO BRIGHTON STATION, COUNTY OF ADAMS, STATE OF COLORADO.

PARCEL B:

LOT 1, BRIGHTON STATION, COUNTY OF ADAMS, STATE OF COLORADO.

SURVEYOR'S CERTIFICATE:

I, CHARLES N. BECKSTROM, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT A SURVEY WAS CONDUCTED UNDER MY SUPERVISION AND THE MAP HEREOF ACCURATELY REPRESENTS SAID SURVEY, TO THE BEST OF MY KNOWLEDGE. NO TITLE SEARCH WAS MADE BY ME TO DETERMINE OWNERSHIP OR EASEMENTS RECORDED OR UNRECORDED.

CHARLES N. BECKSTROM
PROFESSIONAL L.S. NO. 33202

Email: beckstrom@engineerservicesco.com



NOTES:

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT NUMBER AND DOES NOT CONSTITUTE A TITLE SEARCH BY THIS SURVEYOR FOR OTHER EASEMENTS AND/OR EXCEPTIONS OF RECORD.

BY GRAPHIC PLOTTING ONLY THE SUBJECT PROPERTY IS SITUATED IN FLOOD ZONE "X" AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAN ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 080100007H LAST REVISED MARCH 5, 2007. NO OFFICE CALCULATIONS OR FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS INFORMATION.

BEARINGS ARE BASED ON THE EAST LINE OF LOT 1, BLOCK 1, BEARING S00°00'00"E AS REFERENCED ON THE PLAT OF 1ST ADDITION TO BRIGHTON STATION AND BOUNDED BY THE MONUMENTS SHOWN HEREON.

BENCHMARK: ADAMS COUNTY BM #5060 - U.S.G.S. 3 3/4" BRASS CAP LOCATED EAST OF THE INTERSECTION OF INTERSTATE 76 AND EAST 96TH AVENUE 0.8 MILES EAST OF INTERSTATE 76, 50' NORTH OF THE CENTER OF EAST 96TH AVENUE, AND 40.6' NORTHWEST OF THE UNION PACIFIC RAILROAD TRACKS. ELEVATION: 5094.845 (NAVD 1988 DATUM)

ALL UTILITY INFORMATION WAS OBTAINED FROM FIELD SURFACE EVIDENCE AT THE TIME OF THIS SURVEY AND IS SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON SAID FIELD OBSERVATIONS.

ALL UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION.

THIS SITE IS CURRENTLY ZONED: I-3 (HEAVY INTENSITY INDUSTRIAL DISTRICT)

THERE WERE NO VISIBLE STRIPED PARKING ON THE SUBJECT PROPERTY AT THE TIME OF THIS SURVEY.

POSTED SITE ADDRESS: 8681 EAST 96TH AVENUE

NOTICE:

ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER 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.

ANY PERSON WHO KNOWINGLY REMOVES, ALTERS, OR DEFACTS ANY PUBLIC LAND SURVEY MONUMENT, LAND BOUNDARY MONUMENT, OR ACCESSORY COMBATS A CLASS TWO (2) MISDEMEANOR, PURSUANT TO STATE STATUTE 18-4-508 OF THE COLORADO REVISED STATUTES.

CITY STAFF CERTIFICATE:

Approved by the Department of Community Development of the City of Commerce City, this ___ day of ___, A.D. ___

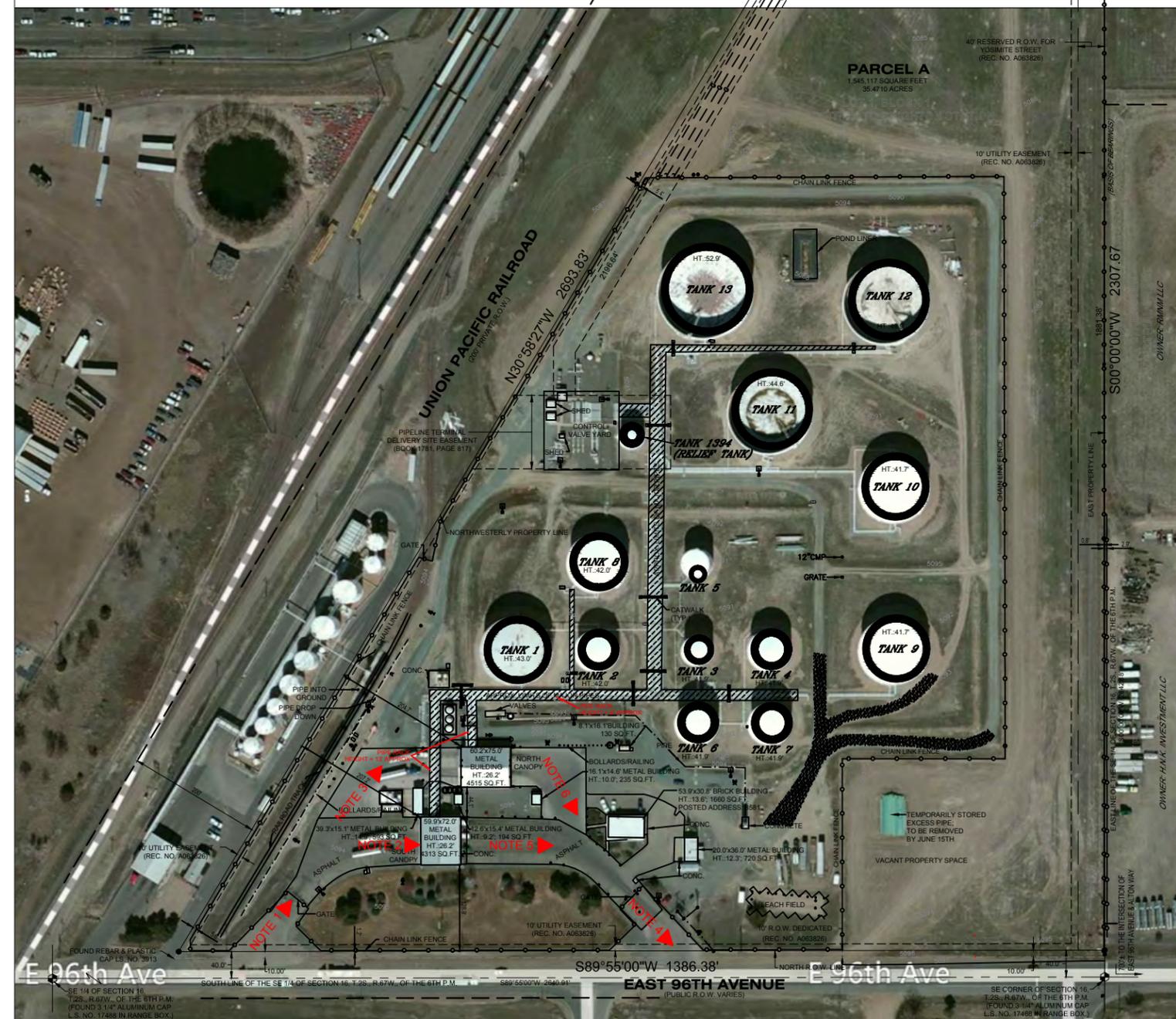
Department of Community Development Signature

Not to Scale

LEGEND

	OVERHEAD UTILITY LINE
	FENCE LINE
	CONTOUR LINE
	ACCESS PLATE
	BOLLARD
	CLEANOUT
	ELECTRICAL BOX
	ELECTRICAL METER
	FIRE HYDRANT
	GAS METER
	IRRIGATION VALVE
	LIGHT POLE
	POWER POLE
	SIGN
	WATER VALVE
	SET 5/8"X24" PIN & YELLOW PLASTIC CAP L.S. NO. 33202 UNLESS NOTED OTHERWISE
CONC.	CONCRETE
(TYP.)	TYPICAL
(XXXX)	AS RECORDED
BK-PG.	BOOK - PAGE
REC. NO.	RECEPTION NUMBER
HT.	STRUCTURE HEIGHT
	SECONDARY ACCESS

- DETAILS:**
1. ENTRY DISTANCE FROM RIGHT OF WAY TO GATE = 135'
 2. ENTRY DISTANCE FROM GATE TO SOUTH CANOPY = 225'
 3. ENTRY DISTANCE FROM GATE TO NORTH CANOPY = 368'
 4. EXIT DISTANCE FROM GATE TO RIGHT OF WAY = 140'
 5. EXIT DISTANCE FROM SOUTH CANOPY TO GATE = 285'
 6. EXIT DISTANCE FROM NORTH CANOPY TO GATE = 294'
 7. EXISTING CHAIN LINK FENCE HEIGHT = 5'-8" FENCE AND 1'-4" BARBED WIRE (7' OVERALL)
 8. FUTURE CHAIN LINK FENCE HEIGHT = 6'-0" FENCE AND 1'-4" BARBED WIRE, 3 STRANDS (7'-4" OVERALL)



THIS DRAWING IS THE PROPERTY OF SINCLAIR TRANSPORTATION COMPANY AND MAY NOT BE USED EXCEPT IN CONNECTION WITH THIS COMPANY. ALL RIGHTS OF DESIGN OR INVENTION RESERVED.



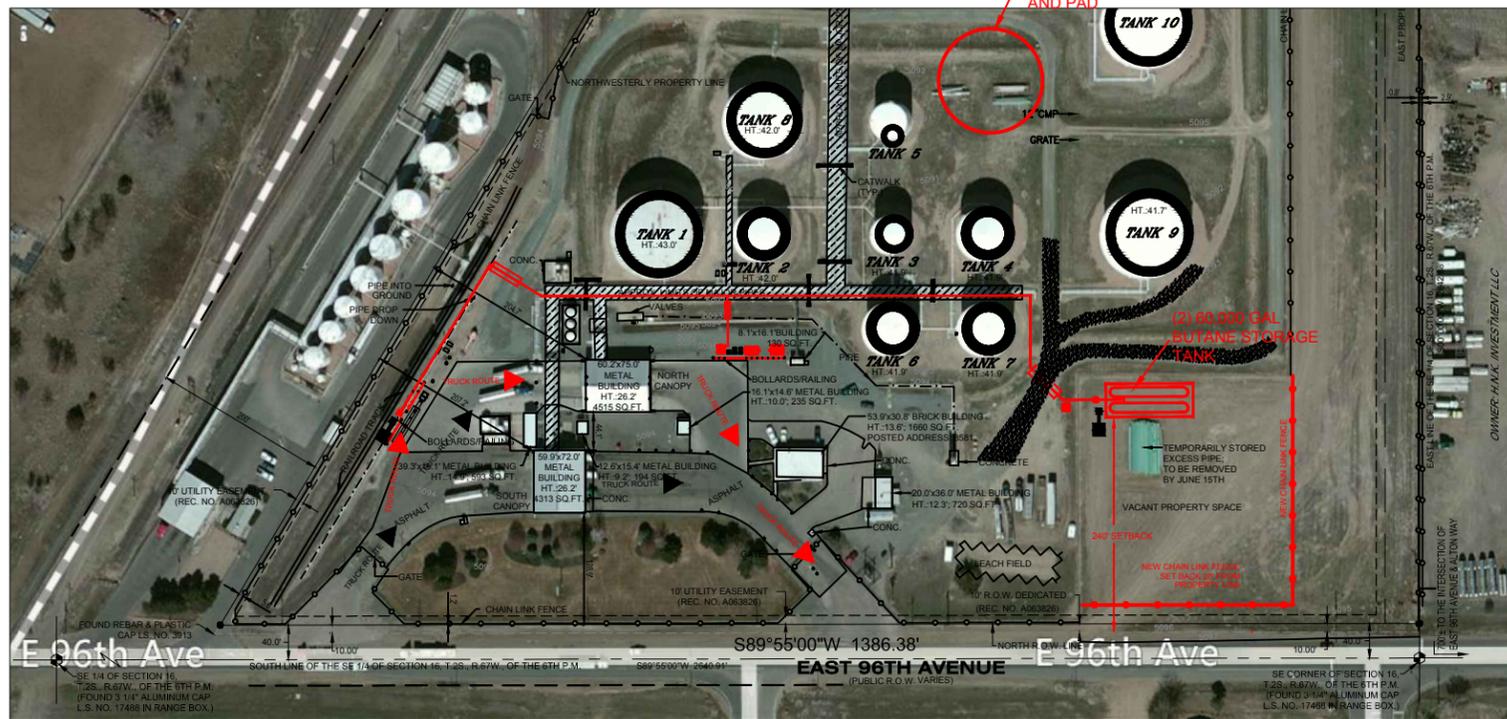
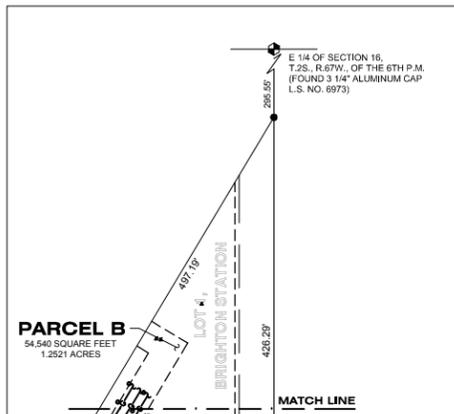
NAME	DATE
DRAWN BY: SDH	3/10/2014
CHECKED BY:	
APPROVED BY:	

Denver Products Terminal
Conditional Use Permit
Existing Operations

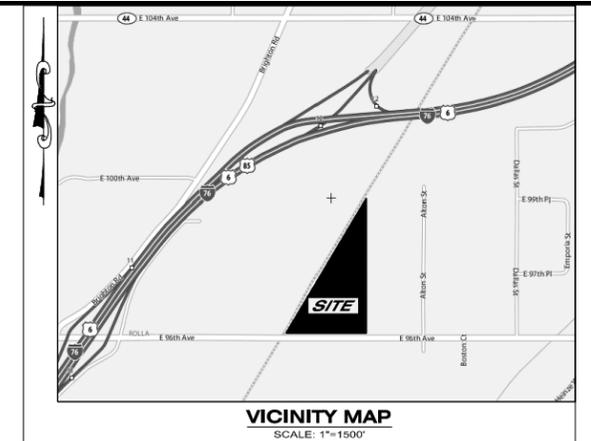
LOCATION: DENVER, CO
DRAWING NO. SHEET 2



APPROXIMATE LOCATION OF ABOVE GROUND PIPES



AREA MAP WITH PROPOSED STORAGE TANK



VICINITY MAP
SCALE: 1"=1500'

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF ADAMS, STATE OF COLORADO, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

LOT 1, BLOCK 1, BRIGHTON STATION, COUNTY OF ADAMS, STATE OF COLORADO.

PARCEL B:

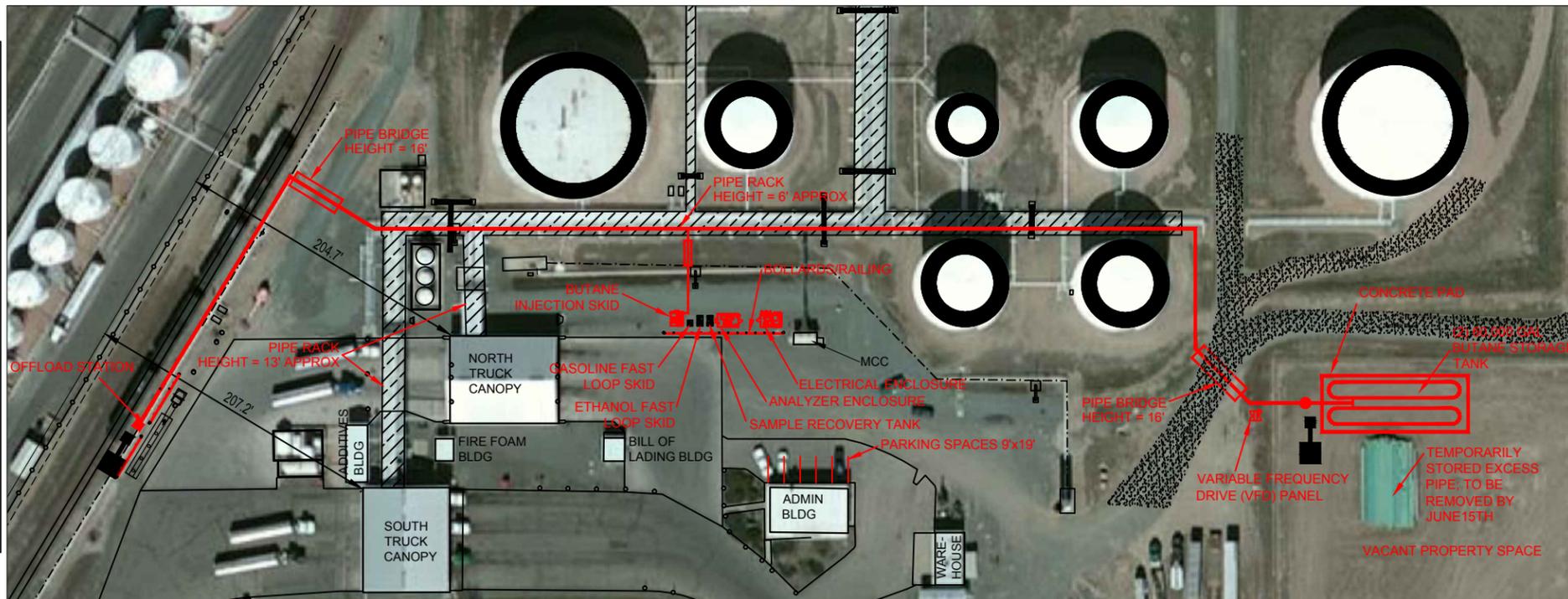
LOT 1, BRIGHTON STATION, COUNTY OF ADAMS, STATE OF COLORADO.

SURVEYOR'S CERTIFICATE:

I, CHARLES N. BECKSTROM, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT A SURVEY WAS CONDUCTED UNDER MY SUPERVISION AND THE MAP HEREOF ACCURATELY REPRESENTS SAID SURVEY, TO THE BEST OF MY KNOWLEDGE. NO TITLE SEARCH WAS MADE BY ME TO DETERMINE OWNERSHIP OR EASEMENTS RECORDED OR UNRECORDED.

CHARLES N. BECKSTROM
PROFESSIONAL L.S. NO. 33202

Email: checkstrom@engineerserviceco.com



BUTANE BLENDING OPERATIONS MAP

NOTES:

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT NUMBER AND DOES NOT CONSTITUTE A TITLE SEARCH BY THIS SURVEYOR FOR OTHER EASEMENTS AND/OR EXCEPTIONS OF RECORD.

BY GRAPHIC PLOTTING ONLY THE SUBJECT PROPERTY IS SITUATED IN FLOOD ZONE "X" AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAN ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 08010007H LAST REVISED MARCH 5, 2007. NO OFFICE CALCULATIONS OR FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS INFORMATION.

BEARINGS ARE BASED ON THE EAST LINE OF LOT 1, BLOCK 1, BEARING 500°00'00"E AS REFERENCED ON THE PLAT OF 1ST ADDITION TO BRIGHTON STATION AND BOUNDED BY THE MONUMENTS SHOWN HEREON.

BENCHMARK: ADAMS COUNTY BM #5090 - U.S.G.S. 3 3/4" BRASS CAP LOCATED EAST OF THE INTERSECTION OF INTERSTATE 76 AND EAST 96TH AVENUE 0.8 MILES EAST OF INTERSTATE 76, 50' NORTH OF THE CENTER OF EAST 96TH AVENUE, AND 40.6' NORTHWEST OF THE UNION PACIFIC RAILROAD TRACKS. ELEVATION: 5094.845 (NAVD 1988 DATUM)

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ALL UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION.

THIS SITE IS CURRENTLY ZONED: I-3 (HEAVY INTENSITY INDUSTRIAL DISTRICT)

THERE WERE NO VISIBLE STRIPED PARKING ON THE SUBJECT PROPERTY AT THE TIME OF THIS SURVEY.

POSTED SITE ADDRESS: 8681 EAST 96TH AVENUE

NOTICE:

ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BE BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

ANY PERSON WHO KNOWINGLY REMOVES, ALTERS, OR DEFACTS ANY PUBLIC LAND SURVEY MONUMENT, LAND BOUNDARY MONUMENT, OR ACCESSORY COMBATS A CLASS TWO (2) MISDEMEANOR, PURSUANT TO STATE STATUTE 18-4-508 OF THE COLORADO REVISED STATUTES.

CITY STAFF CERTIFICATE:

Approved by the Department of Community Development of the City of Commerce City, this ___ day of ___, A.D. ___

Department of Community Development Signature

- DETAILS:
- EXISTING CHAIN LINK FENCE HEIGHT = 5'-8" FENCE AND 1'-4" BARBED WIRE (7" OVERALL)
 - NEW CHAIN LINK FENCE HEIGHT = 6'-0" FENCE AND 1'-4" BARBED WIRE, 3 STRANDS (7'-4" OVERALL)

REV	DESCRIPTION	DATE
5		
4		
3	MODIFIED AS PER FINAL REVIEW	SDH 5/15/2014
2	MODIFIED AS PER CITY MARKUPS	SDH 4/24/2014
1	MODIFIED TO MEET CITY MEETING SUGGESTIONS	SDH 3/25/14

THIS DRAWING IS THE PROPERTY OF SINCLAIR TRANSPORTATION COMPANY AND MAY NOT BE USED EXCEPT IN CONNECTION WITH THIS COMPANY. ALL RIGHTS OF DESIGN OR INVENTION RESERVED.



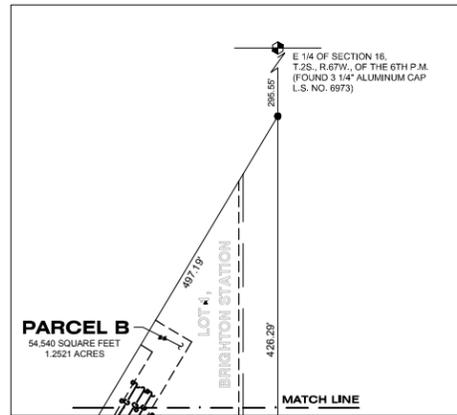
NAME	DATE
DRAWN BY: SDH	3/10/2014
CHECKED BY:	
APPROVED BY:	

Denver Products Terminal
Conditional Use Permit
Proposed Operations

LOCATION: DENVER, CO
DRAWING NO. SHEET 4



APPROXIMATE LOCATION OF ABOVE GROUND PIPES



LANDSCAPE LEGEND

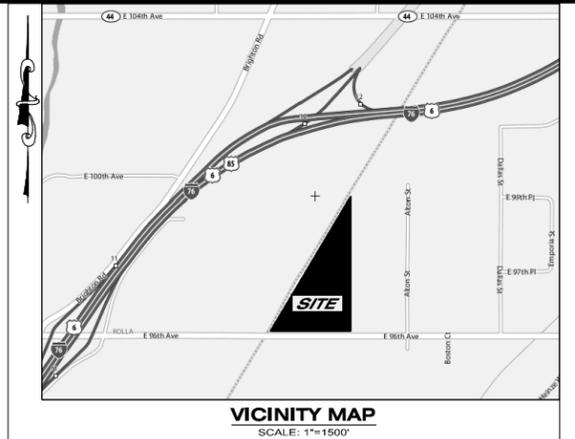
- FUTURE SODDED AREA
- FUTURE ROCK MULCH
- FUTURE EVERGREEN TREES (2)
- FUTURE DECIDUOUS TREES (2)
- FUTURE SHRUBS (16)

EXISTING LANDSCAPE SQ FOOTAGE

Number of Trees	35
Deciduous	14
Evergreen	21
Shrubs	23
Sq Ft of Sod	42,500

FUTURE TREES

TYPE	SPECIES
Deciduous	Staghorn Sumac, Cutleaf Maple
Evergreen	Austrian Pine, Colorado Blue Spruce
Evergreen Shrubs	Juniper



VICINITY MAP
SCALE: 1"=1500'

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF ADAMS, STATE OF COLORADO, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

LOT 1,
BLOCK 1,
FIRST ADDITION TO BRIGHTON STATION,
COUNTY OF ADAMS,
STATE OF COLORADO.

PARCEL B:

LOT 1,
BRIGHTON STATION,
COUNTY OF ADAMS,
STATE OF COLORADO.

SURVEYOR'S CERTIFICATE:

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CHARLES N. BECKSTROM
PROFESSIONAL L.S. NO. 33202

Email: cbeckstrom@engineerservicesco.com

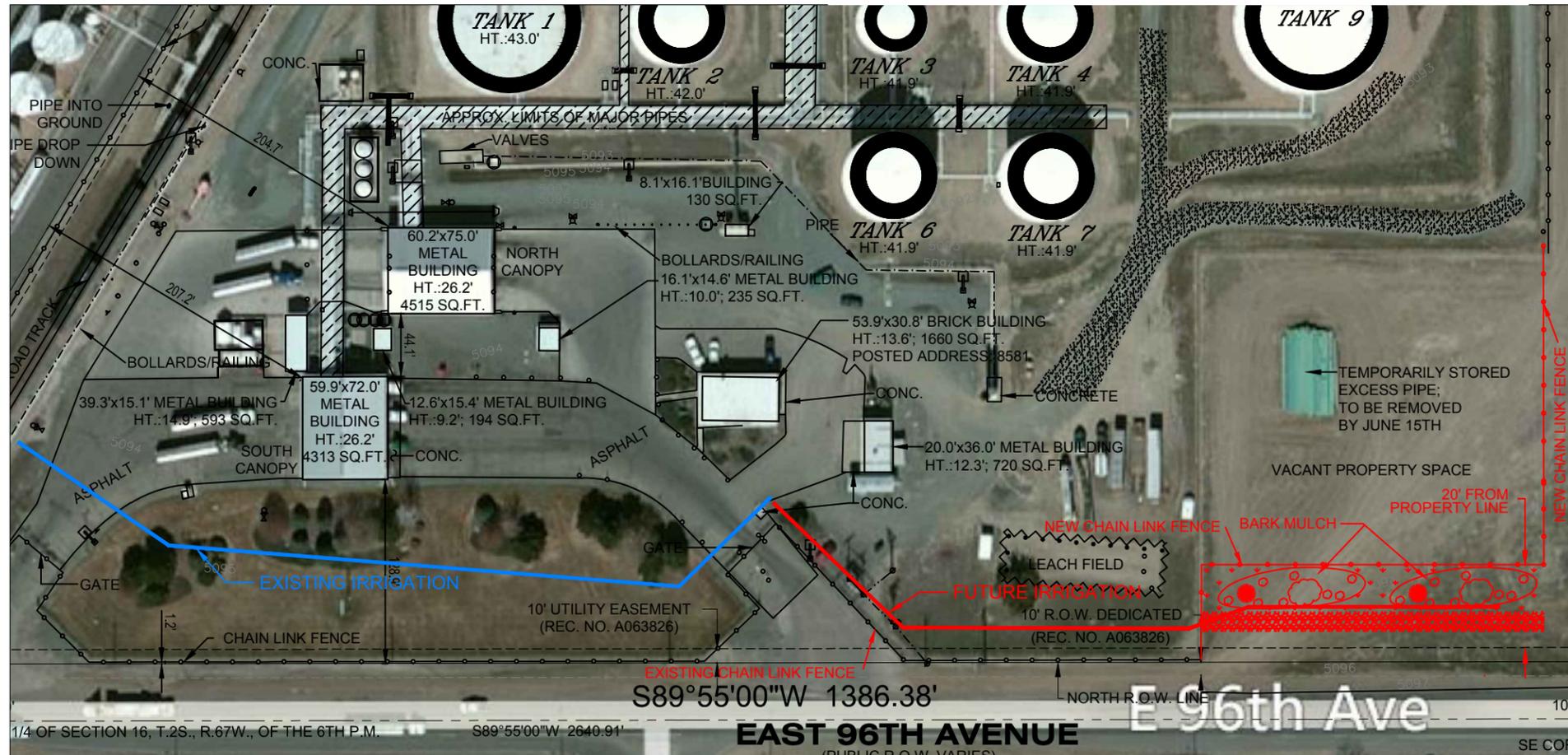


Not to Scale

LEGEND

- OVERHEAD UTILITY LINE
- FENCE LINE
- CONTOUR LINE
- ACCESS PLATE
- BOLLARD
- CLEANOUT
- ELECTRICAL BOX
- ELECTRICAL METER
- FIRE HYDRANT
- GAS METER
- IRRIGATION VALVE
- LIGHT POLE
- POWER POLE
- SIGN
- WATER VALVE
- SET 5/8"x24" PIN & YELLOW PLASTIC CAP L.S. NO. 33202 UNLESS NOTED OTHERWISE
- CONC.
- (TYP.)
- AS RECORDED
- BK-PG.
- REC. NO.
- HT.
- SECONDARY ACCESS

- DETAILS:**
- EXISTING CHAIN LINK FENCE HEIGHT = 5'-8" FENCE AND 1'-4" BARBED WIRE (7' OVERALL)
 - NEW CHAIN LINK FENCE HEIGHT = 6'-0" FENCE AND 1'-4" BARBED WIRE; 3 STRANDS (7'-4" OVERALL)



NOTES:

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT NUMBER AND DOES NOT CONSTITUTE A TITLE SEARCH BY THIS SURVEYOR FOR OTHER EASEMENTS AND/OR EXCEPTIONS OF RECORD.

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BEARINGS ARE BASED ON THE EAST LINE OF LOT 1, BLOCK 1, BEARING S00°00'00"E AS REFERENCED ON THE PLAT OF 1ST ADDITION TO BRIGHTON STATION AND BOUNDED BY THE MONUMENTS SHOWN HEREON.

BENCHMARK: ADAMS COUNTY BM #5090 - U.S.G.S. 3/4" BRASS CAP LOCATED EAST OF THE INTERSECTION OF INTERSTATE 76 AND EAST 96TH AVENUE 0.8 MILES EAST OF INTERSTATE 76, 50' NORTH OF THE CENTER OF EAST 96TH AVENUE, AND 40.6' NORTHWEST OF THE UNION PACIFIC RAILROAD TRACKS. ELEVATION: 5094.845 (NAVD 1988 DATUM)

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ALL UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION.

THIS SITE IS CURRENTLY ZONED: I-3 (HEAVY INTENSITY INDUSTRIAL DISTRICT)

THERE WERE NO VISIBLE STRIPED PARKING ON THE SUBJECT PROPERTY AT THE TIME OF THIS SURVEY.

POSTED SITE ADDRESS: 8581 EAST 96TH AVENUE

NOTICE:

ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BE BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

ANY PERSON WHO KNOWINGLY REMOVES, ALTERS, OR DEFACES ANY PUBLIC LAND SURVEY MONUMENT, LAND BOUNDARY MONUMENT, OR ACCESSORY COMBATS A CLASS TWO (2) MISDEMEANOR, PURSUANT TO STATE STATUTE 18-4-508 OF THE COLORADO REVISED STATUTES.

CITY STAFF CERTIFICATE:

Approved by the Department of Community Development
of the City of Commerce City,
this ___ day of ___, A.D. ___

Department of Community Development Signature

THIS DRAWING IS THE PROPERTY OF SINCLAIR TRANSPORTATION COMPANY AND MAY NOT BE USED EXCEPT IN CONNECTION WITH THIS COMPANY. ALL RIGHTS OF DESIGN OR INVENTION RESERVED.



NAME	DATE
DRAWN BY: SDH	3/10/2014
CHECKED BY:	
APPROVED BY:	

Denver Products Terminal
Conditional Use Permit
Proposed Landscape

LOCATION: DENVER, CO
DRAWING NO.
SHEET 5





1) Administrative Building – South and West Elevations



2) Tank Services Trailer – South and West Elevations



3) Storage Building – North and West Elevations



4) Truck Canopy #1 (2-bay) – North and East Elevations



5) Truck Canopy #2 (3-bay) – North and East Elevations



6) Motor Control Center – South and East Elevations



7) Fire Foam Building – South and East Elevations



8) Bill of Lading Building – South and East Elevations



9) Additive Building – North and West Elevations



10) Motor Control Center (Pipeline) – South and East Elevations



11) Cut Shack – South and West Elevations



12) Pipeline Office / Storage #1 – South and East Elevations



13) Pipeline Office / Storage #2 – South and East Elevations



14) Proposed Electrical and Analyzer Enclosures (Examples)

CITY STAFF CERTIFICATE:
 Approved by the Department of Community Development
 of the City of Commerce City,
 this ____ day of _____, A.D. ____.

Department of Community Development Signature

REV	DESCRIPTION	DATE	BY
5			
4			
3			
2	MODIFIED AS PER CITY MARKUPS	4/24/2014	SDH
1	MODIFIED TO MEET CITY MEETING SUGGESTIONS	3/25/14	SDH

THIS DRAWING IS THE PROPERTY OF
 SINCLAIR TRANSPORTATION COMPANY
 AND MAY NOT BE USED EXCEPT IN
 CONNECTION WITH THIS COMPANY. ALL
 RIGHTS OF DESIGN OR INVENTION
 RESERVED.



NAME	DATE
DRAWN BY: SDH	3/18/2014
CHECKED BY:	
APPROVED BY:	

*Denver Products Terminal
 Conditional Use Permit
 Architectural Elevations*

LOCATION: DENVER, CO
 DRAWING NO.
SHEET 6





Round Tapered Steel Poles - Light Duty

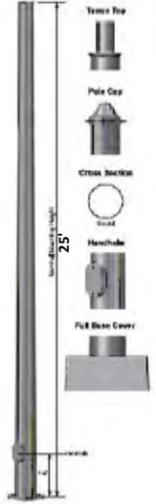
ORDERING INFORMATION

Catalog Number: Example: S90A200D10V

Head Number	Mounting	Finish	Color	Warranty	Options
S90A01	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A02	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A03	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A04	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A05	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A06	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A07	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A08	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A09	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A10	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A11	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A12	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A13	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A14	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A15	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A16	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
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S90A31	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A32	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
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S90A37	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A38	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A39	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A40	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A41	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A42	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A43	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A44	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A45	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A46	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A47	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A48	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A49	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A50	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A51	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A52	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A53	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
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S90A55	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A56	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A57	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A58	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A59	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A60	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A61	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A62	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A63	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A64	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A65	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A66	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A67	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A68	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A69	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A70	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A71	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A72	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A73	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A74	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A75	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A76	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A77	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A78	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A79	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A80	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A81	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A82	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A83	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A84	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A85	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A86	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A87	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A88	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A89	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A90	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A91	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A92	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A93	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A94	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A95	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A96	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A97	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A98	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A99	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard
S90A00	Top Mounting	Galv. Steel	Galv. Steel	5 Year	Standard

PRODUCT SPECIFICATIONS

- The pole shaft conforms to ASTM A501 Grade A with a minimum tensile strength of 51,000 psi. This is a one piece hot dipped galvanized steel.
- A pole cap and anchor are provided for top mount applications and for 15' and 20' pole heights. A pole cap is provided for pole heights of 25' and 30' pole heights.
- A standard handhole and grounding bracket will be provided.
- The pole shaft is provided with a standard handhole and grounding bracket. The handhole is provided to provide an entrance to the pole shaft for inspection and repair.
- The anchor bolts conform to ASTM A501 Grade A and are provided with two hot dip galvanized nuts and washers. The anchor bolts are provided with a minimum of 12" of thread. The anchor bolts are provided with a minimum of 12" of thread.
- All structural fasteners are galvanized high strength carbon steel. All non structural fasteners are galvanized or zinc coated carbon steel or stainless steel.
- Standard finishes are galvanized, zinc coated or any of Stanco's VHTCH Protection Systems. Additional finish options available upon request.
- Please reference Design Criteria Specification for appropriate design conditions.



Stanco is a Philips company



Round Tapered Steel Poles - Light Duty

TECHNICAL INFORMATION

Anchorage Data

Basic OD (In.)	Wall (In.)	Height (In.)	Base Plate		Anchor Bolt	
			Area (In.²)	Thickness (In.)	Length (In.)	Projection (In.)
10	1/8	10	10.0	1/2	10.0	1.0
12	1/8	12	12.0	1/2	12.0	1.0
14	1/8	14	14.0	1/2	14.0	1.0
16	1/8	16	16.0	1/2	16.0	1.0
18	1/8	18	18.0	1/2	18.0	1.0
20	1/8	20	20.0	1/2	20.0	1.0
22	1/8	22	22.0	1/2	22.0	1.0
24	1/8	24	24.0	1/2	24.0	1.0
26	1/8	26	26.0	1/2	26.0	1.0
28	1/8	28	28.0	1/2	28.0	1.0
30	1/8	30	30.0	1/2	30.0	1.0
32	1/8	32	32.0	1/2	32.0	1.0
34	1/8	34	34.0	1/2	34.0	1.0
36	1/8	36	36.0	1/2	36.0	1.0
38	1/8	38	38.0	1/2	38.0	1.0
40	1/8	40	40.0	1/2	40.0	1.0
42	1/8	42	42.0	1/2	42.0	1.0
44	1/8	44	44.0	1/2	44.0	1.0
46	1/8	46	46.0	1/2	46.0	1.0
48	1/8	48	48.0	1/2	48.0	1.0
50	1/8	50	50.0	1/2	50.0	1.0
52	1/8	52	52.0	1/2	52.0	1.0
54	1/8	54	54.0	1/2	54.0	1.0
56	1/8	56	56.0	1/2	56.0	1.0
58	1/8	58	58.0	1/2	58.0	1.0
60	1/8	60	60.0	1/2	60.0	1.0
62	1/8	62	62.0	1/2	62.0	1.0
64	1/8	64	64.0	1/2	64.0	1.0
66	1/8	66	66.0	1/2	66.0	1.0
68	1/8	68	68.0	1/2	68.0	1.0
70	1/8	70	70.0	1/2	70.0	1.0
72	1/8	72	72.0	1/2	72.0	1.0
74	1/8	74	74.0	1/2	74.0	1.0
76	1/8	76	76.0	1/2	76.0	1.0
78	1/8	78	78.0	1/2	78.0	1.0
80	1/8	80	80.0	1/2	80.0	1.0
82	1/8	82	82.0	1/2	82.0	1.0
84	1/8	84	84.0	1/2	84.0	1.0
86	1/8	86	86.0	1/2	86.0	1.0
88	1/8	88	88.0	1/2	88.0	1.0
90	1/8	90	90.0	1/2	90.0	1.0
92	1/8	92	92.0	1/2	92.0	1.0
94	1/8	94	94.0	1/2	94.0	1.0
96	1/8	96	96.0	1/2	96.0	1.0
98	1/8	98	98.0	1/2	98.0	1.0
100	1/8	100	100.0	1/2	100.0	1.0

LOAD AND DIMENSIONAL DATA

Height (In.)	Basic OD (In.)	Wall (In.)	Wind Load (psf)		Snow Load (psf)		Point Load (lb)
			15 mph	30 mph	10 psf	20 psf	
10	10	1/8	10	10	10	10	100
12	12	1/8	12	12	12	12	120
14	14	1/8	14	14	14	14	140
16	16	1/8	16	16	16	16	160
18	18	1/8	18	18	18	18	180
20	20	1/8	20	20	20	20	200
22	22	1/8	22	22	22	22	220
24	24	1/8	24	24	24	24	240
26	26	1/8	26	26	26	26	260
28	28	1/8	28	28	28	28	280
30	30	1/8	30	30	30	30	300
32	32	1/8	32	32	32	32	320
34	34	1/8	34	34	34	34	340
36	36	1/8	36	36	36	36	360
38	38	1/8	38	38	38	38	380
40	40	1/8	40	40	40	40	400
42	42	1/8	42	42	42	42	420
44	44	1/8	44	44	44	44	440
46	46	1/8	46	46	46	46	460
48	48	1/8	48	48	48	48	480