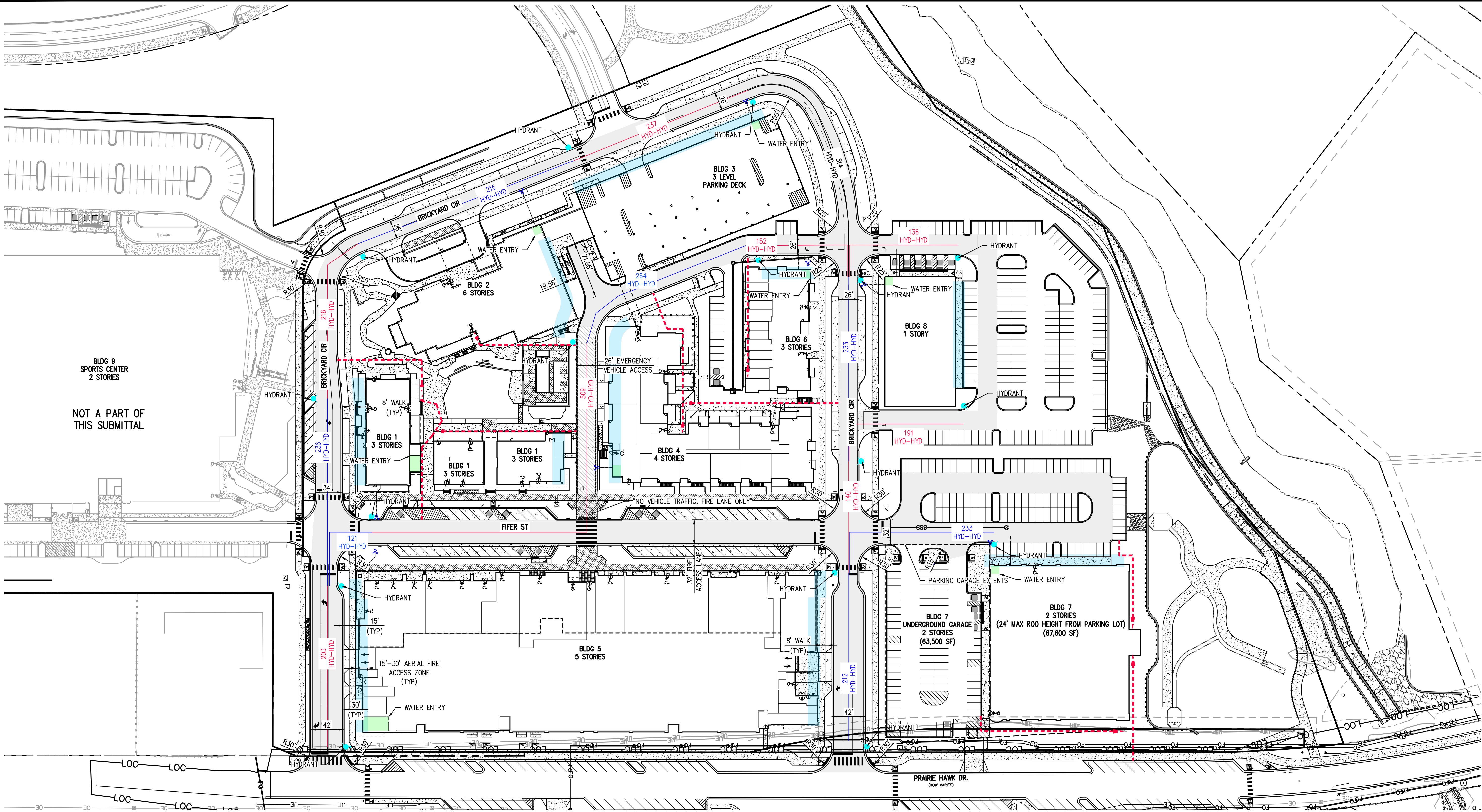


NO CHANGES ARE TO BE MADE TO THIS DRAWING WITHOUT WRITTEN PERMISSION OF HARRIS KOCHER SMITH.

Project: P-102002007ENGINEERINGSPRSDP - FIRE ACCESS PLAN LAYOUT  
Drawing: P-102002007ENGINEERINGSPRSDP - FIRE ACCESS PLAN LAYOUT  
Revision: 1.0  
Date: 11/18/2023  
By: [Signature]  
Checked: [Signature]  
Harris Kocher Smith  
1120 Lincoln Street, Suite 1000  
Denver, Colorado 80203  
P: 303.623.6300 F: 303.623.6311  
HarrisKocherSmith.com



NOTES:

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2. FDC LOCATIONS ARE PLACED TO BEST SERVE THE BUILDING AND DOES NOT MEET THE TOWN STANDARD OF A DISTANCE FROM THE BUILDING OF ONE AND A HALF TIMES THE BUILDING HEIGHT.
3. A STANDARD 50% REDUCTION, A 62.5% REDUCTION WITH A SPRINKLER DENSITY OF 0.2 GPM/SQ FT, OR A 75% REDUCTION WITH A SPRINKLER DENSITY OF 0.3 GPM/SQ FT SHALL BE USED TO CALCULATE A FIRE FLOW WITH A MAXIMUM FIRE FLOW OF 2000 GPM.

| TABLE 1. THE BRICKYARD - FIRE FLOW TABLE |                      |                   |                   |               |                                              |                                                                                      |                                                |                                                 |                                 |
|------------------------------------------|----------------------|-------------------|-------------------|---------------|----------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------|---------------------------------|
| BUILDING                                 | TOTAL SQUARE FOOTAGE | CONSTRUCTION TYPE | NUMBER OF STORIES | SPRINKLED     | UNADJUSTED FIRE FLOW (IFC TABLE B105.1)(GPM) | CALCULATED FIRE FLOW (75% REDUCTION FOR SPRINKLERED BUILDING (IFC TABLE B105.1)(GPM) | MINIMUM NUMBERS OF HYDRANTS (IFC TABLE C105.1) | AVG SPACING BETWEEN HYD (FT) (IFC TABLE C105.1) | FIRE FLOW TO EACH HYDRANT (GPM) |
| Building 1                               | 49,100               | Type III-B        | 3                 | YES, NFPA 13  | 4750                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 2                               | 99,000               | Type I-A & III-A  | 6                 | YES, NFPA 13  | 4420                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 3                               | 81,500               | I-B               | 3                 | YES, NFPA 13  | 3000                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 4                               | 108,000              | V-A               | 4                 | YES, NFPA 13  | 6000                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 5                               | 493,403              | Type I-A & V-A    | 5                 | YES, NFPA 13  | 6740                                         | 1685                                                                                 | 1                                              | 450                                             | 1685                            |
| Building 6                               | 35,000               | V-B               | 3                 | YES, NFPA 13R | 5000                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 7                               | 67,900               | II-A              | 2                 | YES, NFPA 13  | 3750                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 8                               | 15,000               | II-A              | 1                 | YES, NFPA 13  | 1750                                         | 1500                                                                                 | 1                                              | 500                                             | 1500                            |
| Building 9                               | 145,593              | Type II-B         | 2                 | YES, NFPA 13  | 8000                                         | 2000                                                                                 | 2                                              | 450                                             | 1500                            |

LEGEND:

- PROPERTY BOUNDARY
- FIRE ACCESS LANE (20' MIN)
- EMERGENCY VEHICLE ACCESS
- 15'-30' AERIAL FIRE ACCESS ROAD
- WATER ENTRY
- HOSE PULL
- PR FDC
- PR FIRE HYDRANT
- BUILDING ENTRANCE
- BUILDING LETTER

THE BRICKYARD - FIRE ACCESS PLAN

SCALE: 1" = 60'

60 0 60 120  
SCALE: 1" = 60'

SITUATED IN THE NORTHEAST 1/4 OF SECTION 10 AND THE NORTHWEST 1/4 OF SECTION 11 TOWNSHIP 8 SOUTH, RANGE 66 WEST OF THE 6TH P.M.  
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO.

**FIRE ACCESS PLAN**



MATCH LINE - KEY MAP

WOLFENBERG CDT

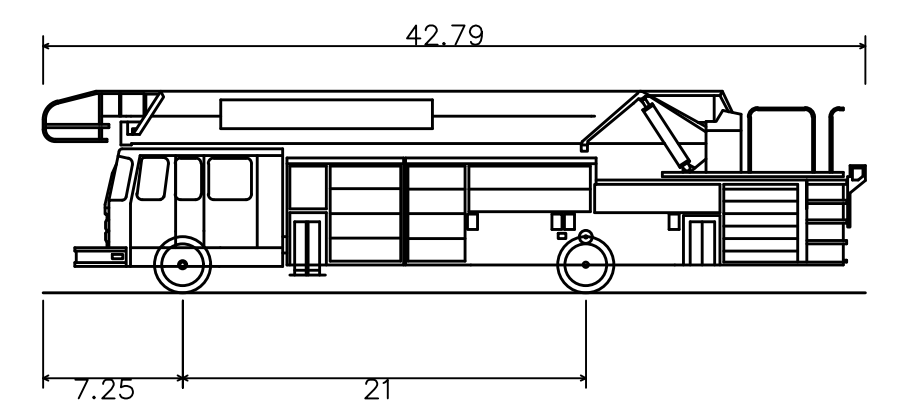
PRAIRIE HAWK DRIVE

LORDS ROAD

MATCH LINE - KEY MAP

BRICKYARD (ON-SITE)

PRAIRIE HAWK DRIVE (OFF-SITE)



|                             |                        |
|-----------------------------|------------------------|
| 06-12-2024                  | Castle Rock Fire Truck |
| Overall Length              | 42.790ft               |
| Overall Width               | 8.330ft                |
| Overall Body Height         | 11.67ft                |
| Min Body Ground Clearance   | 0.920ft                |
| Track Width                 | 8.330ft                |
| Lock-to-lock time           | 6.00s                  |
| Curb to Curb Turning Radius | 36.167ft               |

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PROPERTY BOUNDARY

FIRE ACCESS LANE  
(20' MIN)

EMERGENCY VEHICLE  
ACCESS

15'-30' AERIAL FIRE  
ACCESS ROAD

WATER ENTRY

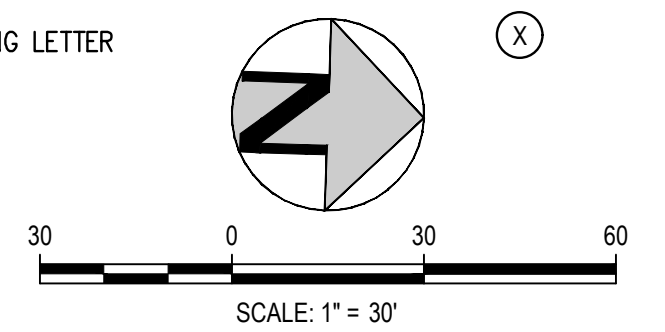
HOSE PULL

PR FDC

PR FIRE HYDRANT

BUILDING ENTRANCE

BUILDING LETTER



## THE BRICKYARD

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 plotted: THU 08/21/25 8:34:27P By: Libbey Enders\$06

Received: THU 08/21/25 8:34:27P By: Libbey Endersbo



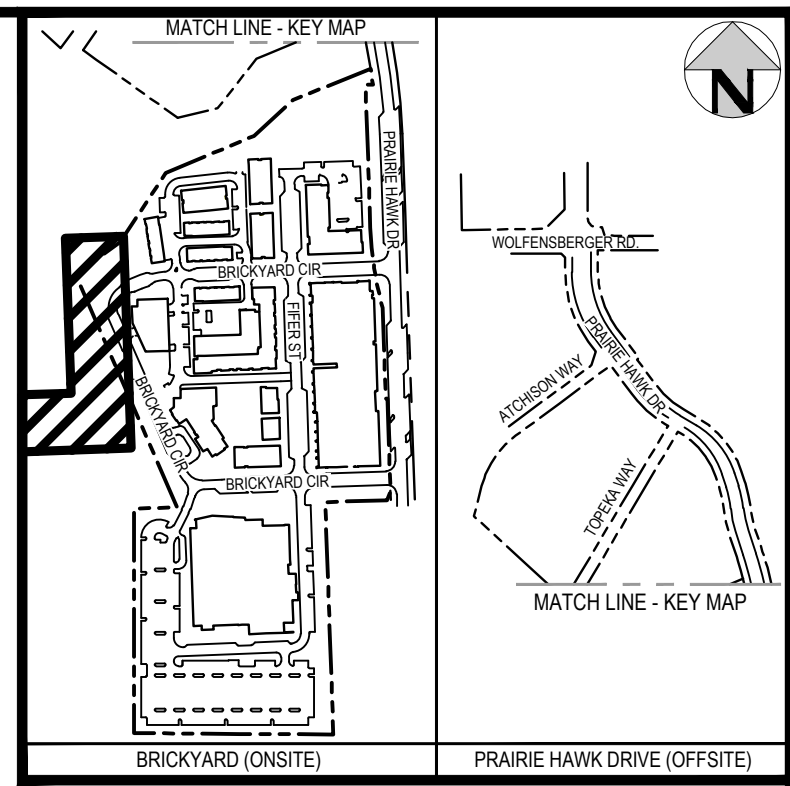
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## PROJECT #: 200726

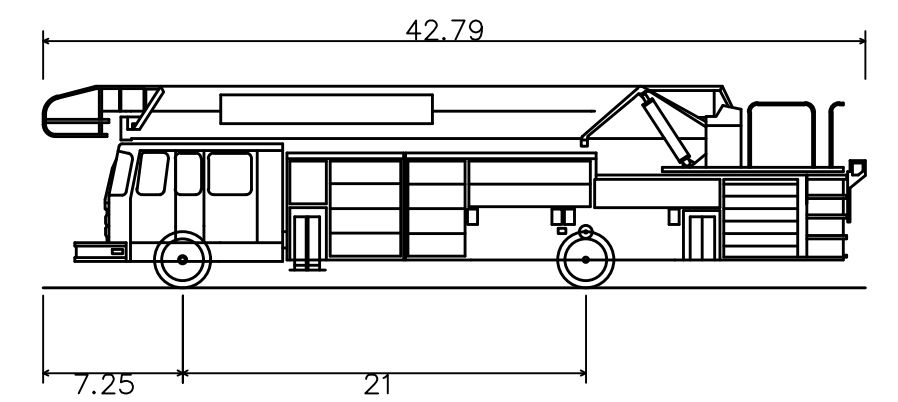
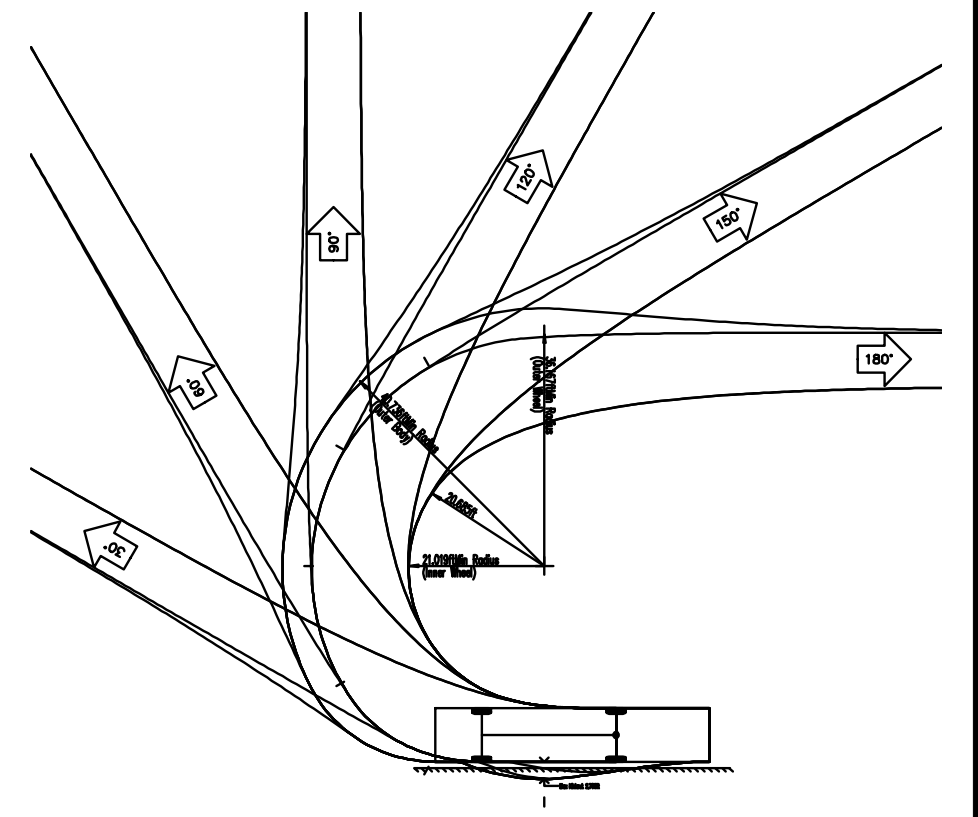
# THE BRICKYARD

SITUATED IN THE NORTHEAST 1/4 OF SECTION 10 AND THE NORTHWEST 1/4 OF SECTION 11 TOWNSHIP 8 SOUTH, RANGE 66 WEST OF THE 6TH P.M.  
TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO.

# FIRE ACCESS PLAN



## KEY MAP

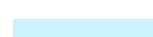
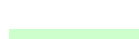


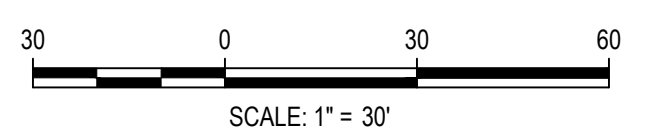
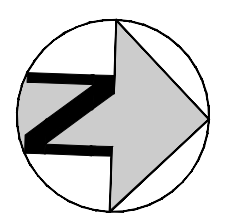
|                             |                        |          |
|-----------------------------|------------------------|----------|
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| Overall Width               |                        | 8.330ft  |
| Overall Body Height         |                        | 11.67ft  |
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LEGEND:

|                                    |                                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------|
| PROPERTY BOUNDARY                  |  |
| FIRE ACCESS LANE<br>(20' MIN)      |  |
| EMERGENCY VEHICLE<br>ACCESS        |  |
| 15'-30' AERIAL FIRE<br>ACCESS ROAD |  |
| WATER ENTRY                        |  |
| HOSE PULL                          |  |
| PR FDC                             |  |
| PR FIRE HYDRANT                    |  |
| BUILDING ENTRANCE                  |  |
| BUILDING LETTER                    |  |



## DETAIL FIRE ACCESS PLAN

SHEET 7 OF 7

## THE BRICKYARD

MATCH LINE - SEE SHEET 3

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E:\THU 08/12/20 E:\34-377 UR - Urban Evidence

PROJECT #: 200726