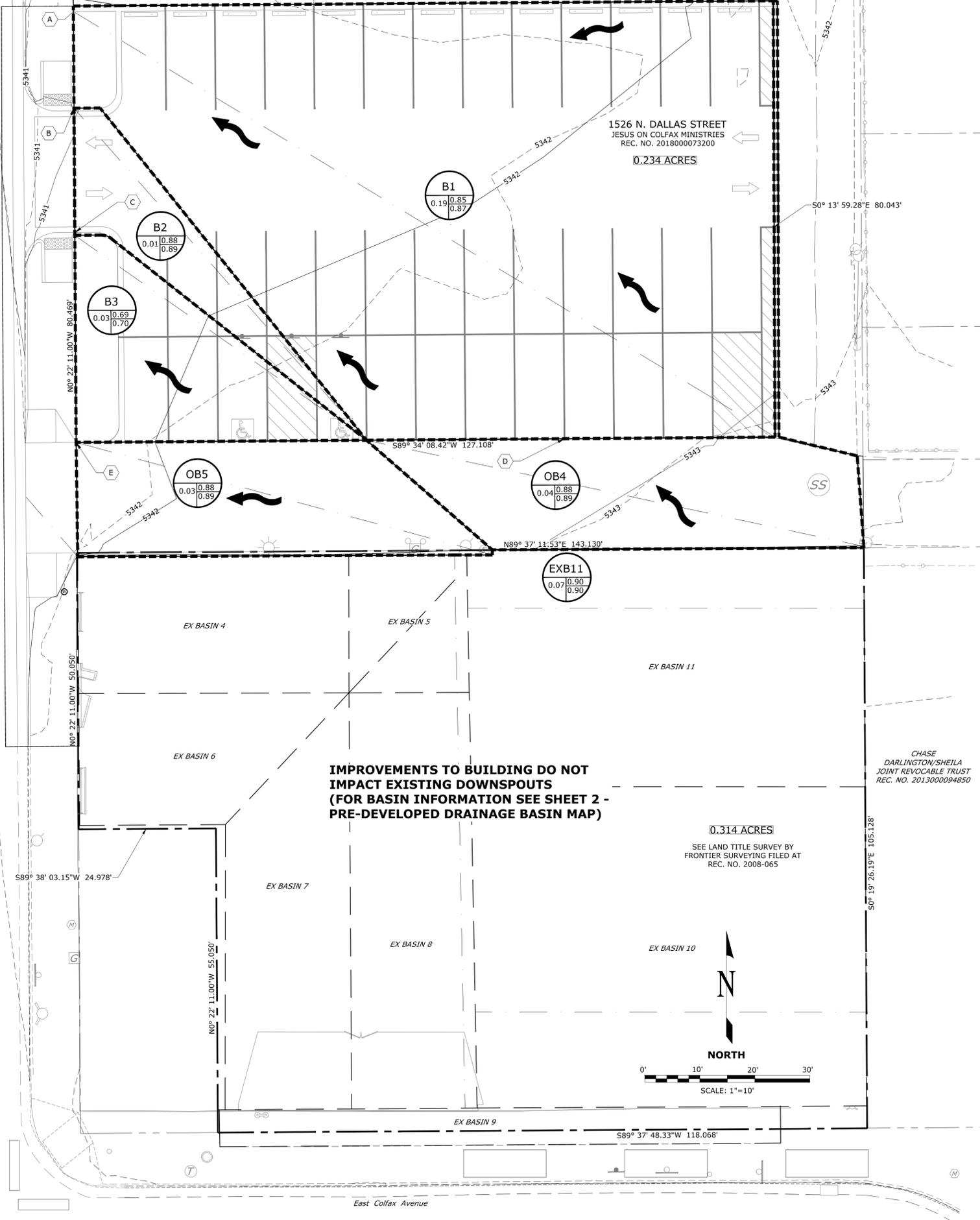


VALDEZ GABRIEL
REC. NO. 20060202000117190

N89° 45' 39.33"E 127.299'



JESUS ON COLFAX BUILDING RENOVATION PRELIMINARY DRAINAGE PLAN

PART OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 3 SOUTH, RANGE 67
WEST OF THE 6TH P.M.,
CITY OF AURORA,
ADAMS COUNTY, COLORADO



VICINITY MAP
SCALE: N.T.S.

NOTES:

- THE JESUS ON COLFAX BUILDING RENOVATION, IS LOCATED IN PART OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 3 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF AURORA, ADAMS COUNTY, STATE OF COLORADO.
- SITE SURVEY FOR THIS PROJECT WAS PREPARED BY FORESIGHT WEST SURVEYING INC., DENVER, CO. DATUM USED IS BASED ON COLORADO STATE PLANE, CENTRAL ZONE COORDINATE SYSTEM. COORDINATES SHOWN ON THIS PLAN HAVE BEEN CORRECTED TO GROUND BY AVERAGE SCALE FACTOR PER SURVEY DOCUMENTATION. SEE THE AURORA SUBDIVISION FILING NO. 962 FOR ALL SURVEY INFORMATION.
- BASIS OF BEARINGS STATEMENT REQUIRED PER 38-51-106(1)(E), C.R.S.: BEARINGS ARE BASED UPON THE WEST LINE OF LOTS 20 AND 21, BLOCK 25, BEARING N00°22'11"W, EVIDENCED BY FOUND 1" BRASS PLUGS IN SIDEWALK STAMPED FSI PLS 25953 ON 1.00' OFFSET TO THE LINE AS SHOWN ON ALTA/ACSM LAND TITLE SURVEY FILED UNDER REC. NO. 2008-065, BOOK 1, PAGE 3485.
- ELEVATIONS ARE BASED UPON CITY OF AURORA BENCH MARK 3567345E002 (G-005A) BEING A 3" BRASS CAP @ NE COR CURB OPENING INLET BEING APPROX.. 50 FT EAST OF THE NE COR OF THE INTERSECTION OF DAYTON AND COLFAX. ELEVATION: 5343.40 NAVD 1988.
- PEAK FLOW RATES (Q) CALCULATED BY UDFCD PEAK RUNOFF PREDICTION BY THE RATIONAL METHOD WORKBOOK, VERSION 2.00 (MAY 2017).
- SEE SITE PLAN DRAWINGS FOR MORE DETAIL ON PROPOSED SITE REDEVELOPMENT DESIGN.
- CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, OF DIMENSIONS AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT
- SEE FINAL DRAINAGE REPORT FOR DETAILED CALCULATIONS AND PRE-DEVELOPED DRAINAGE BASIN MAP.

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINES
- EX LOT LIMITS
- EX CONCRETE EDGE
- 5280 --- EX MAJOR CONTOUR
- 5280 --- EX MINOR CONTOUR
- 5280 --- PRO MAJOR CONTOUR
- 5280 --- PRO MINOR CONTOUR
- PRO BASIN FLOWPATH
- PRO BASIN DELINEATION LIMIT
- DESIGN POINT
- FLOW DIRECTION DESIGNATION
- EXISTING TEXT/CALLOUT
- PROPOSED TEXT/CALLOUT
- BASIN BUBBLE
- BASIN ID
- COEFFICIENT MINOR
- COEFFICIENT MAJOR
- ACRES

| Drawing Index | |
|---------------|-----------------------------------|
| Sheet Number | Sheet Title |
| 1 | POST-DEVELOPED DRAINAGE BASIN MAP |
| 2 | PRE-DEVELOPED DRAINAGE BASIN MAP |

| DRAINAGE BASIN SUMMARY (*SEE NOTE 5) | | | | | |
|--------------------------------------|--------------|--------------|----------|-----------|------------|
| BASIN | DESIGN POINT | AREA (ACRES) | Q2 (CFS) | Q10 (CFS) | Q100 (CFS) |
| B1 | A | 0.19 | 0.44 | 0.72 | 1.28 |
| B2 | B | 0.01 | 0.04 | 0.06 | 0.11 |
| B3 | C | 0.03 | 0.05 | 0.08 | 0.14 |
| OB4 | D | 0.04 | 0.09 | 0.15 | 0.27 |
| OB5 | E | 0.03 | 0.08 | 0.13 | 0.23 |

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Greenwood Village, CO 80111
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Fax: 303.714.4800
Web: samuelengineering.com
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Suite 9C, Box 222
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303.589.3213
Shawn Sikkema

JESUS ON COLFAX
PRELIMINARY DRAINAGE PLAN
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| REV | DATE | ISSUED FOR |
|-----|----------|-------------|
| A | 02-01-21 | CITY REVIEW |

POST-DEVELOPED
DRAINAGE BASIN
MAP

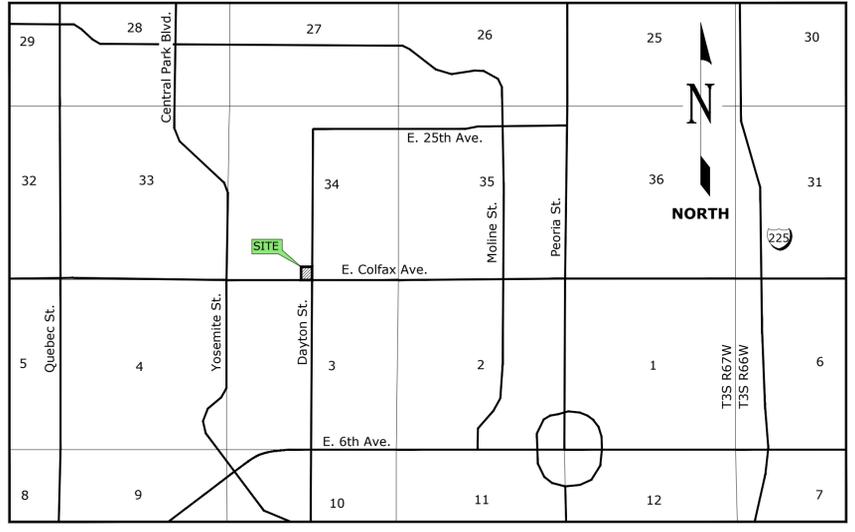
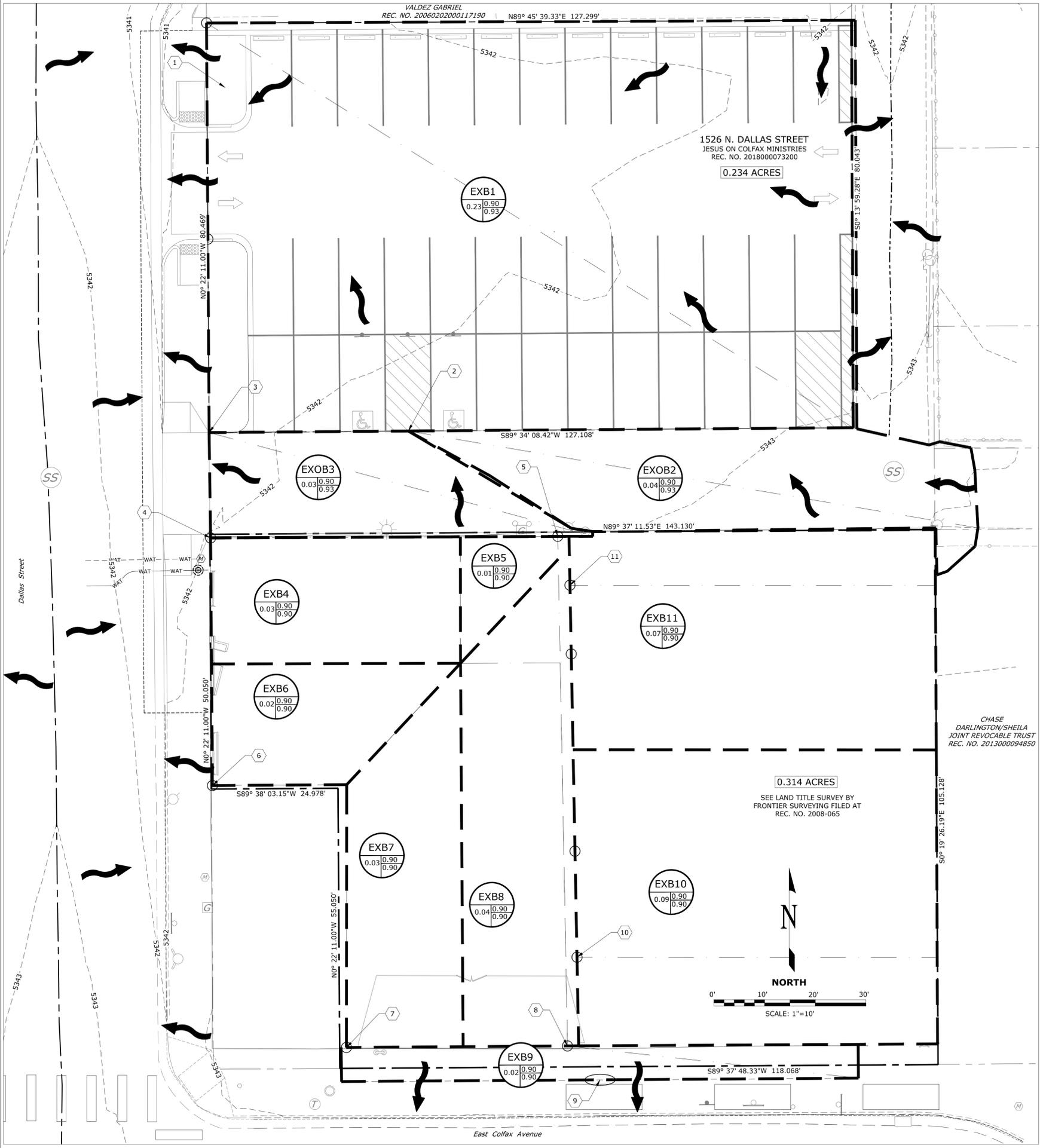
| PROJECT NUMBER | DATE |
|----------------|----------|
| 20213 | 01-29-21 |

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| DRAWN BY | DESIGNED BY | APPROVED BY |
|----------|-------------|-------------|
| BPS | LER | MCB |

FILE NAME AND PATH: S:\Projects\20213_DOC_Site_Parking\CAD\Civil\Drawings\Site Plan\20213-POST Developed Drainage Map Plan.dwg
CTB FILE: SE STD_B&W_PALF_SIZE.CTB PRINTED: February 1, 2021 8:41:58 AM

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 CTB FILE: SE STD_B&W_PALF_SIZE.CTB PRINTED: February 1, 2021 8:41:08 AM ROOT



VICINITY MAP
SCALE: N.T.S.

NOTES:

1. THE JESUS ON COLFAX BUILDING RENOVATION, IS LOCATED IN PART OF THE SOUTHWEST QUARTER OF SECTION 34, TOWNSHIP 3 SOUTH, RANGE 67 WEST OF THE 6TH P.M. CITY OF AURORA, ADAMS COUNTY, STATE OF COLORADO.
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5. PEAK FLOW RATES (Q) CALCULATED BY UDFCD PEAK RUNOFF PREDICTION BY THE RATIONAL METHOD WORKBOOK, VERSION 2.00 (MAY 2017).

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY LINES
- - - EX LOT LIMITS
- - - EX CONCRETE EDGE
- - - EX MAJOR CONTOUR
- - - EX MINOR CONTOUR
- - - EX BASIN FLOWPATH
- - - EX BASIN DELINEATION LIMIT
- A DESIGN POINT
- FLOW DIRECTION DESIGNATION
- EXISTING TEXT/CALLOUT
- PROPOSED TEXT/CALLOUT
- BASIN BUBBLE
- A BASIN ID
- 0.75 COEFFICIENT MINOR
- 0.45 COEFFICIENT MAJOR
- 0.60 ACRES

DRAINAGE BASIN SUMMARY (*SEE NOTE 5)

| BASIN | DESIGN POINT | AREA (ACRES) | Q2 (CFS) | Q10 (CFS) | Q100 (CFS) |
|-------|--------------|--------------|----------|-----------|------------|
| EXB1 | 1 | 0.23 | 0.59 | 0.98 | 1.76 |
| EXOB2 | 2 | 0.04 | 0.10 | 0.17 | 0.31 |
| EXOB3 | 3 | 0.03 | 0.07 | 0.11 | 0.21 |
| EXB4 | 4 | 0.03 | 0.07 | 0.12 | 0.21 |
| EXB5 | 5 | 0.01 | 0.03 | 0.05 | 0.09 |
| EXB6 | 6 | 0.02 | 0.05 | 0.09 | 0.15 |
| EXB7 | 7 | 0.03 | 0.08 | 0.14 | 0.25 |
| EXB8 | 8 | 0.04 | 0.09 | 0.16 | 0.29 |
| EXB9 | 9 | 0.02 | 0.04 | 0.07 | 0.12 |
| EXB10 | 10 | 0.09 | 0.22 | 0.40 | 0.70 |
| EXB11 | 11 | 0.07 | 0.17 | 0.30 | 0.52 |

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| REV | DATE | ISSUED FOR |
|-----|----------|-------------|
| A | 02-01-21 | CITY REVIEW |
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PRE-DEVELOPED DRAINAGE BASIN MAP

| PROJECT NUMBER | DATE |
|----------------|----------|
| 20213 | 01-29-21 |

2

| DRAWN BY | DESIGNED BY | APPROVED BY |
|----------|-------------|-------------|
| BPS | LER | MCB |

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