

SCOTTSDALE ROAD
N 00°05'59" E 2656.20' (BASIS OF BEARING)

FOUND 3" CITY OF SCOTTSDALE
BRASS CAP IN HANDHOLE
SOUTHWEST CORNER OF SECTION
23, T2N, R4E (0.6' DOWN)
(BENCHMARK = 1260.36')

N 00°05'59" E
224.96'

1955.39'

17.00'

INDIAN SCHOOL ROAD
S 89°39'16" E 2629.58'

657.19'

GRADING

MATCH LINE - SEE SHEET 3

20 10 0 20 40
GRAPHIC SCALE: 1"=20'



KEYNOTES

- 1 EXISTING ASPHALT TO REMAIN.
- 2 EXISTING CURB TO REMAIN.
- 3 EXISTING CONCRETE SIDEWALK TO REMAIN.
- 4 EXISTING STORM DRAIN MANHOLE TO REMAIN.
- 5 EXISTING FENCE TO REMAIN.
- 6 EXISTING DECORATIVE PAVERS TO REMAIN.
- 7 EXISTING STORM DRAIN PIPE TO REMAIN.
- 8 EXISTING MASONRY SCREEN WALL TO REMAIN.
- 9 NEW CONCRETE DRIVEWAY.
- 10 NEW ASPHALT PAVEMENT.
- 11 NEW CONCRETE WHEEL STOP.
- 12 NEW CONCRETE VERTICAL CURB.
- 13 NEW CONCRETE VERTICAL CURB AND GUTTER.
- 14 NEW VALLEY GUTTER.
- 15 NEW CONCRETE SIDEWALK.
- 16 NEW STEEL SCUPPER SET IN CONCRETE.
- 17 NEW ACCESSIBLE ACCESS RAMP.
- 18 NEW AMENITY AREA.
- 19 NEW CURB OPENING AND CONCRETE SPILLWAY.
- 20 NEW DECORATIVE PAVERS.
- 21 NEW ASPHALT EDGE.
- 22 NEW STORM DRAIN INLET.
- 23 NEW STORM DRAIN PIPE.
- 24 NEW MC-7200 STORMTECH RETENTION CHAMBERS.
41 CHAMBERS W/ 6 END CAPS
Vr = 11,418 CF
Vp = 11,651 CF
- 25 NEW DRYWELL
- 26 NEW 6" UNDERDRAIN THAT CONVEYS FLOW TO DRYWELL

PRELIMINARY IMPROVEMENT PLAN PREPARED FOR:

SCOTTSDALE UMC MULTIFAMILY

4140 NORTH MILLER ROAD
SCOTTSDALE, ARIZONA 85251
CITY OF SCOTTSDALE

GRADING & DRAINAGE PLAN



DRAWING NO.
GD1
SHEET NO. 2 OF 6

602-957-3350
rickengineering.com



RICK

2401 W PEORIA AVE, SUITE 130
PHOENIX, AZ 85029

SAN DIEGO ORANGE RIVERSIDE SACRAMENTO SAN LUIS OBISPO
SANTA CLARITA PHOENIX TUCSON LAS VEGAS DENVER

PROJECT NO:

72511

DRAWN/DESIGNED BY:

CN

JH

DATE:

12/04/2025

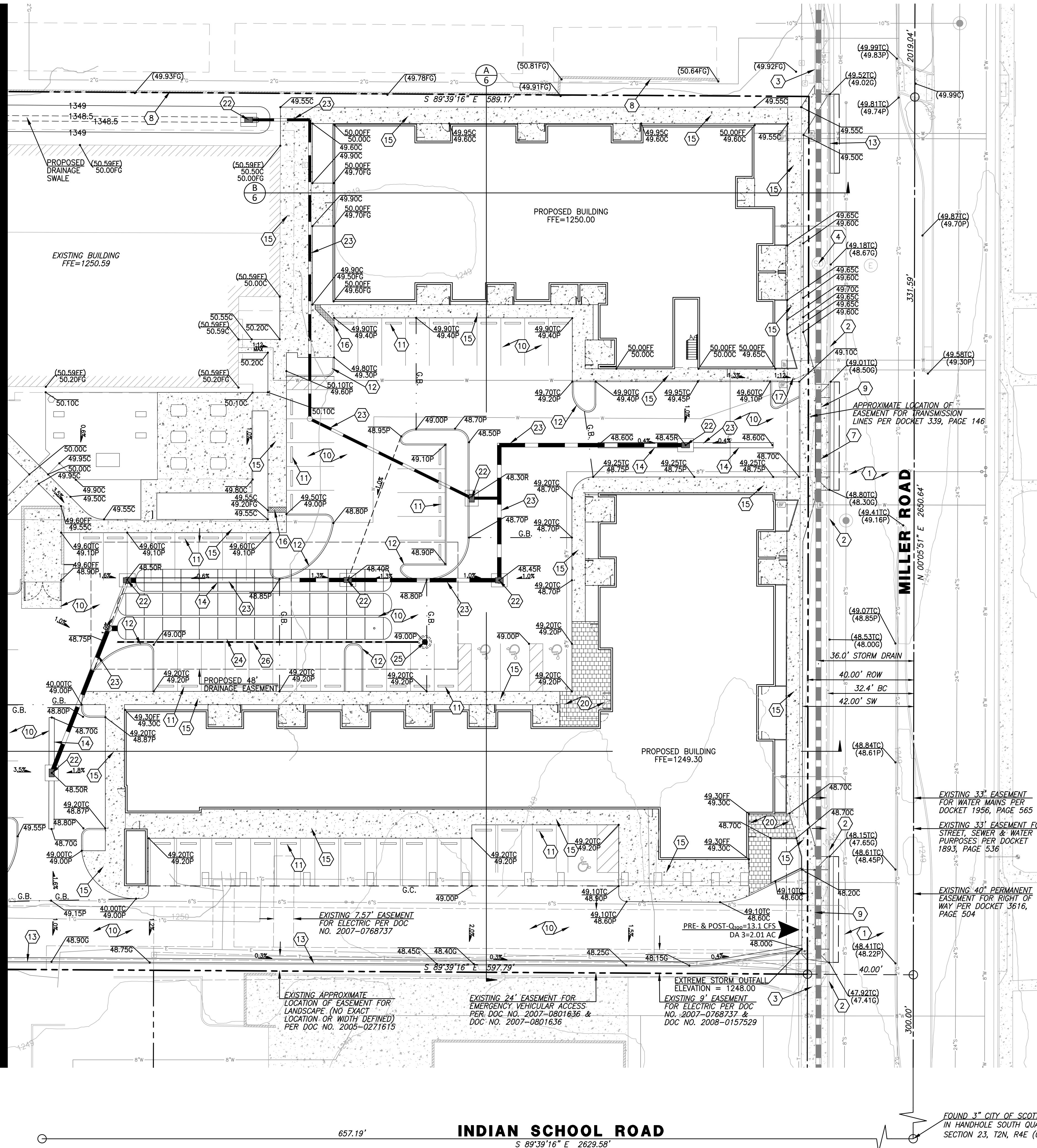
CHECKED BY:

SEAL:



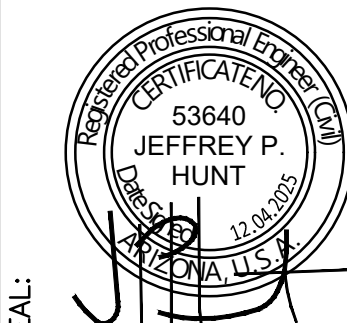
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MATCH LINE - SEE SHEET 2



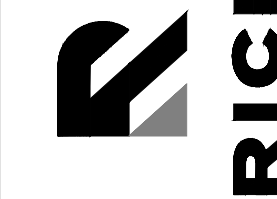
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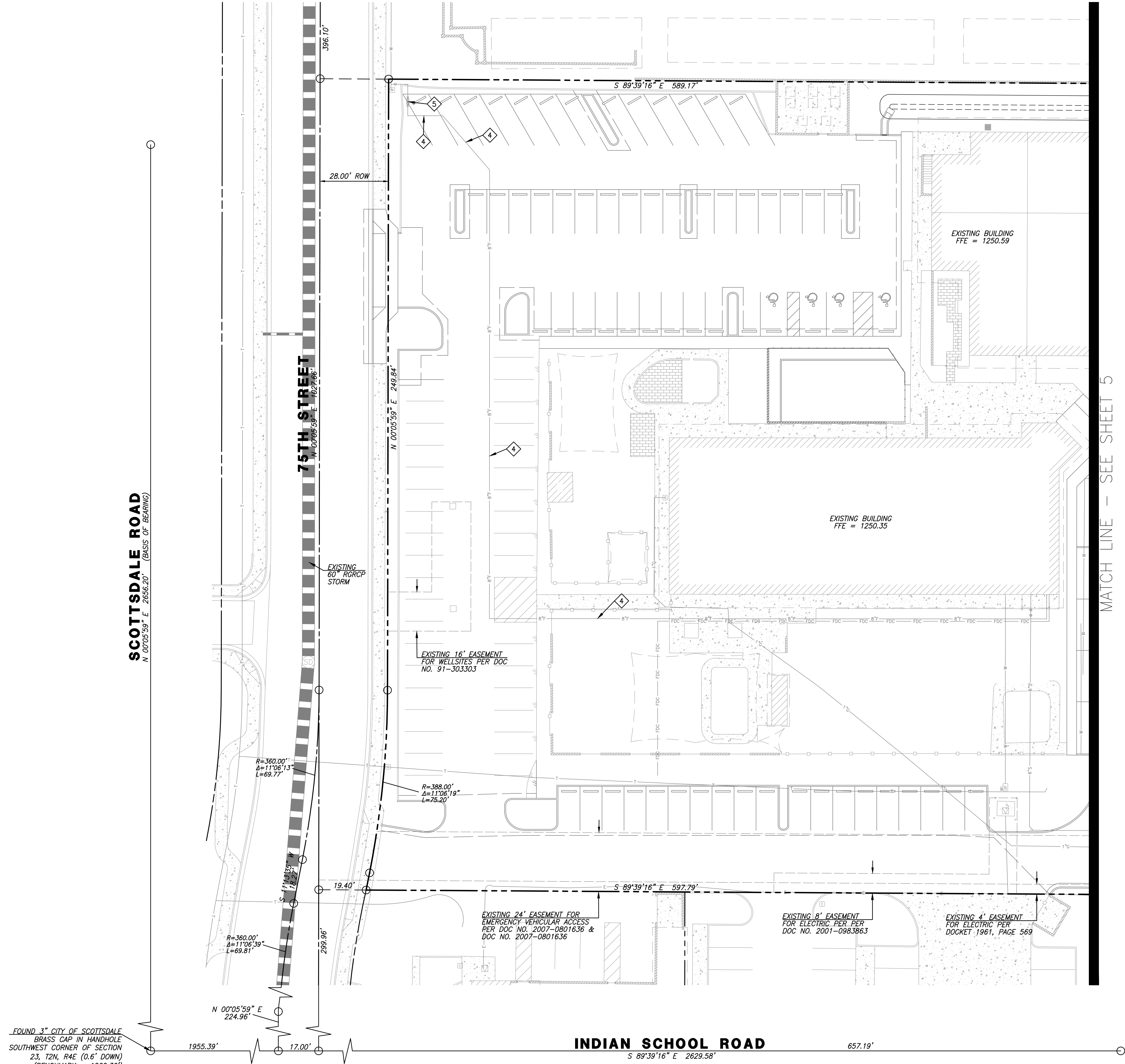


DRAWING NO.
GD2
SHEET NO. 3 OF 6

GRADING & DRAINAGE PLAN

PROJECT NO: 7251
DATE: 12/04/2025
DRAWN/DESIGNED BY: JH
CHECKED BY: CN

NO. BY DATE REVISION



- WATER KEYNOTES**
- 1 NEW 2" SERVICE AND METER FOR DOMESTIC WATER SERVICE.
 - 2 NEW 2" DOMESTIC WATER LINE.
 - 3 NEW RPPB DOMESTIC BACKFLOW PREVENTER PER CITY OF SCOTTSDALE DETAIL 2354.
 - 4 EXISTING 1-1/2" SERVICE TO REMAIN. RELOCATE METER TO OUTSIDE PUBLIC SIDEWALK AND PRESERVE SERVICE TO EXISTING BUILDING.
 - 5 EXISTING DOMESTIC WATER LINE TO REMAIN.
 - 6 NEW 1" SERVICE AND METER FOR IRRIGATION SERVICE.

- FIRE LINE KEYNOTES**
- 1 CONNECT TO EXISTING 8" WATER MAIN USING CUT-IN TEE FOR FIRE SERVICE. INSTALL PER CITY OF SCOTTSDALE DETAIL 2362-2.
 - 2 NEW 8" DIP FIRE LINE.
 - 3 NEW 8" FIRE BACKFLOW PREVENTER IN RISER ROOM.
 - 4 EXISTING FIRE LINE TO REMAIN
 - 5 EXISTING BACKFLOW PREVENTER TO REMAIN.

- PRIVATE SEWER KEYNOTES**
- 1 CONNECT TO EXISTING 8" PVC SEWER MAIN PER MAG DETAIL 440-3.
 - 2 NEW 6" PVC SDR-35 SEWER LINE.
 - 3 CONNECT TO BUILDING SANITARY SEWER.



SEAL:  **RICK** ENGINEERING

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PROJECT NO: 7251 | DRAWN/DESIGNED BY: JH
DATE: 12/04/2025 | CHECKED BY: CN

PRELIMINARY IMPROVEMENT PLAN PREPARED FOR:

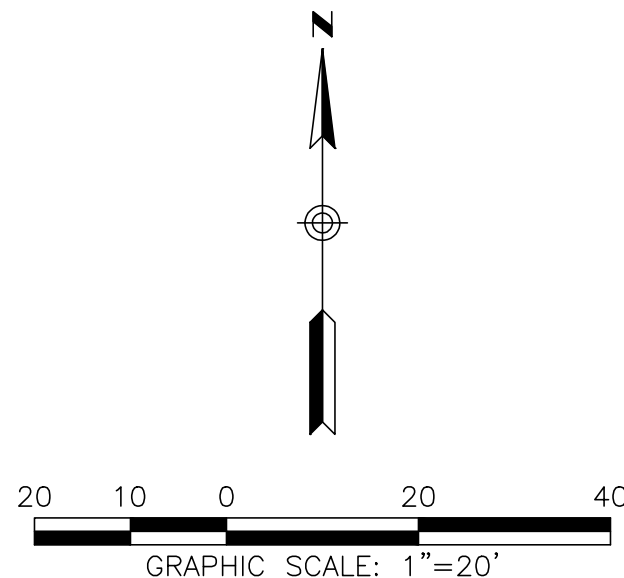
SCOTTSDALE UMC MULTIFAMILY

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CITY OF SCOTTSDALE

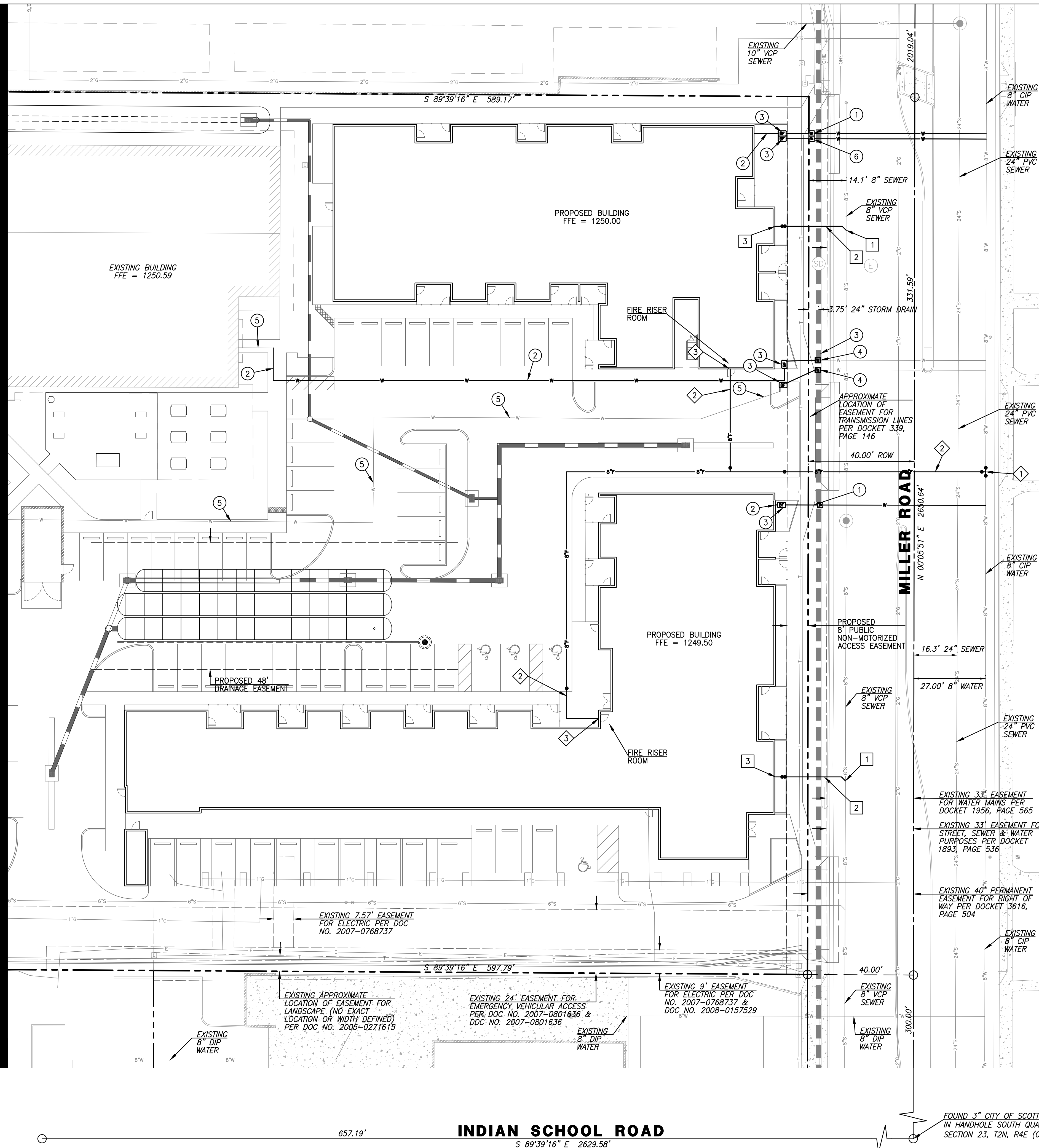
ONSITE UTILITY PLAN



DRAWING NO.
UT1
SHEET NO. 4 OF 6



MATCH LINE - SEE SHEET 4



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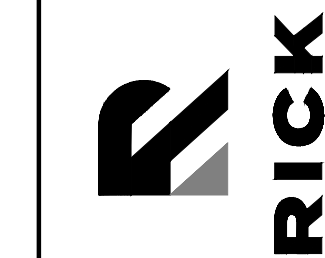
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DRAWING NO.
UT2
SHEET NO. 5 OF 6

PROJECT NO: 7251
DATE: 12/04/2025
DRAWN/DESIGNED BY: JH
CHECKED BY: CN

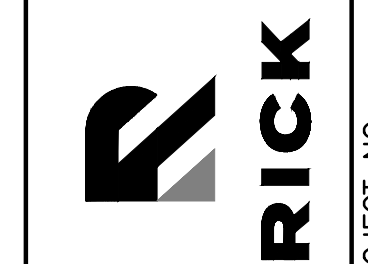
ONSITE UTILITY PLAN

14-DR-2025

[illegible]

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SCOTTSDALE UMC MULTIFAMILY

MENT PLAN PREPARED FOR:
SCOTTDALE UMC MULTI
4140 NORTH MILLER ROAD
SCOTTSDALE, ARIZONA 85251
CITY OF SCOTTSDALE

Contact Arizona 811 at least two full working days before you begin excavation



Call 811 or click Arizona811.com

DRAWING NO.
XSECT1
SHEET NO. 6 OF 6