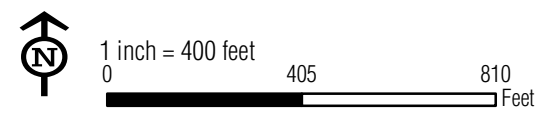


Permanent Impact Totals
 PSS Wetland Impacts: 0.078 acre
 PEM Wetland Impacts: 0.016 acre
 Other WOTUS Impacts: 1.753 acres

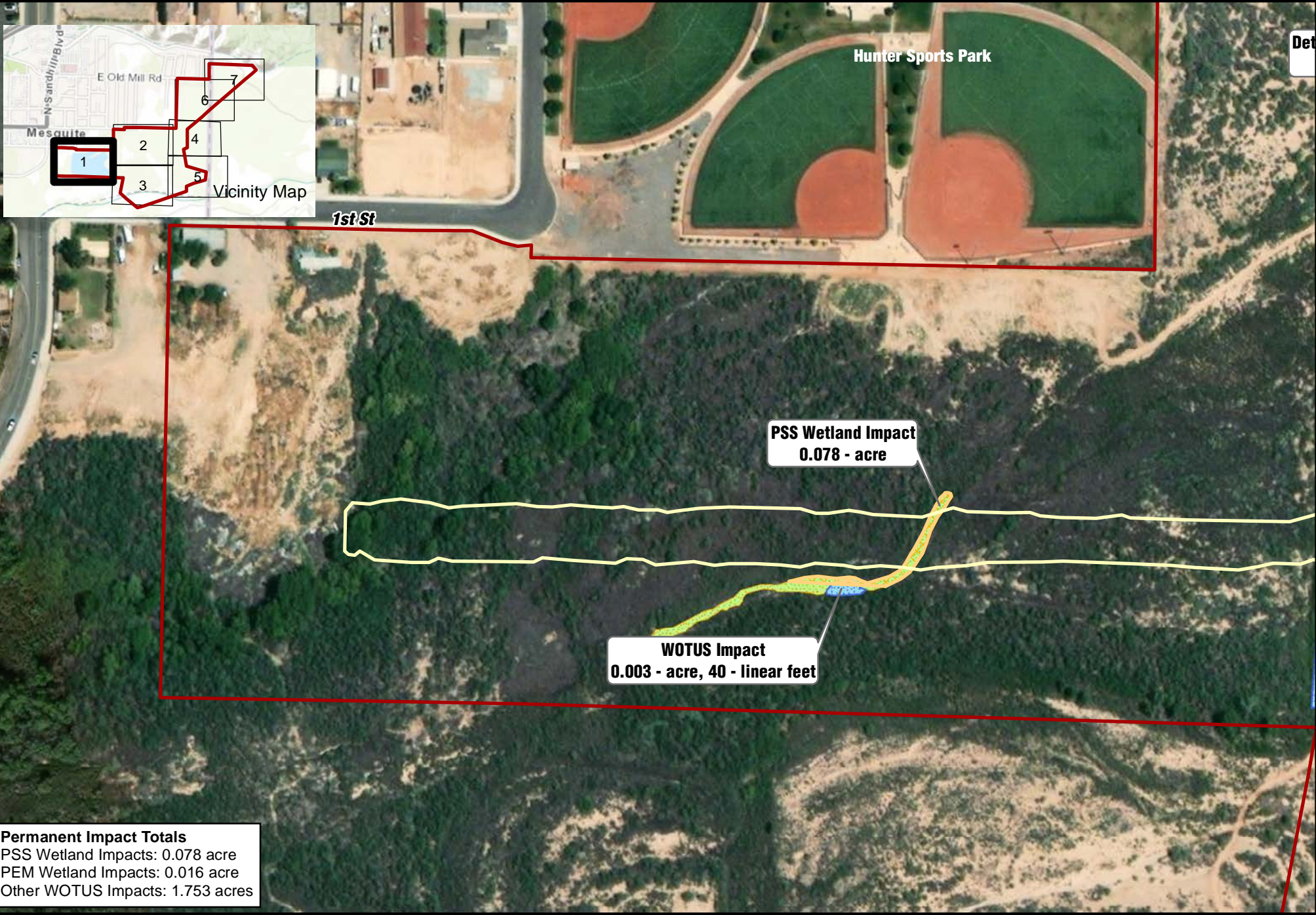
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 Datum: North American 1983
 Impacts Based on June 2022 Design
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- Study Area
- Levee
- Temporary Impacts
- Permanent Impacts
- PEM Wetland
- PSS Wetland
- Waters of the U.S.



Virgin River Flood Levee
 Aquatic Resources Impact Map

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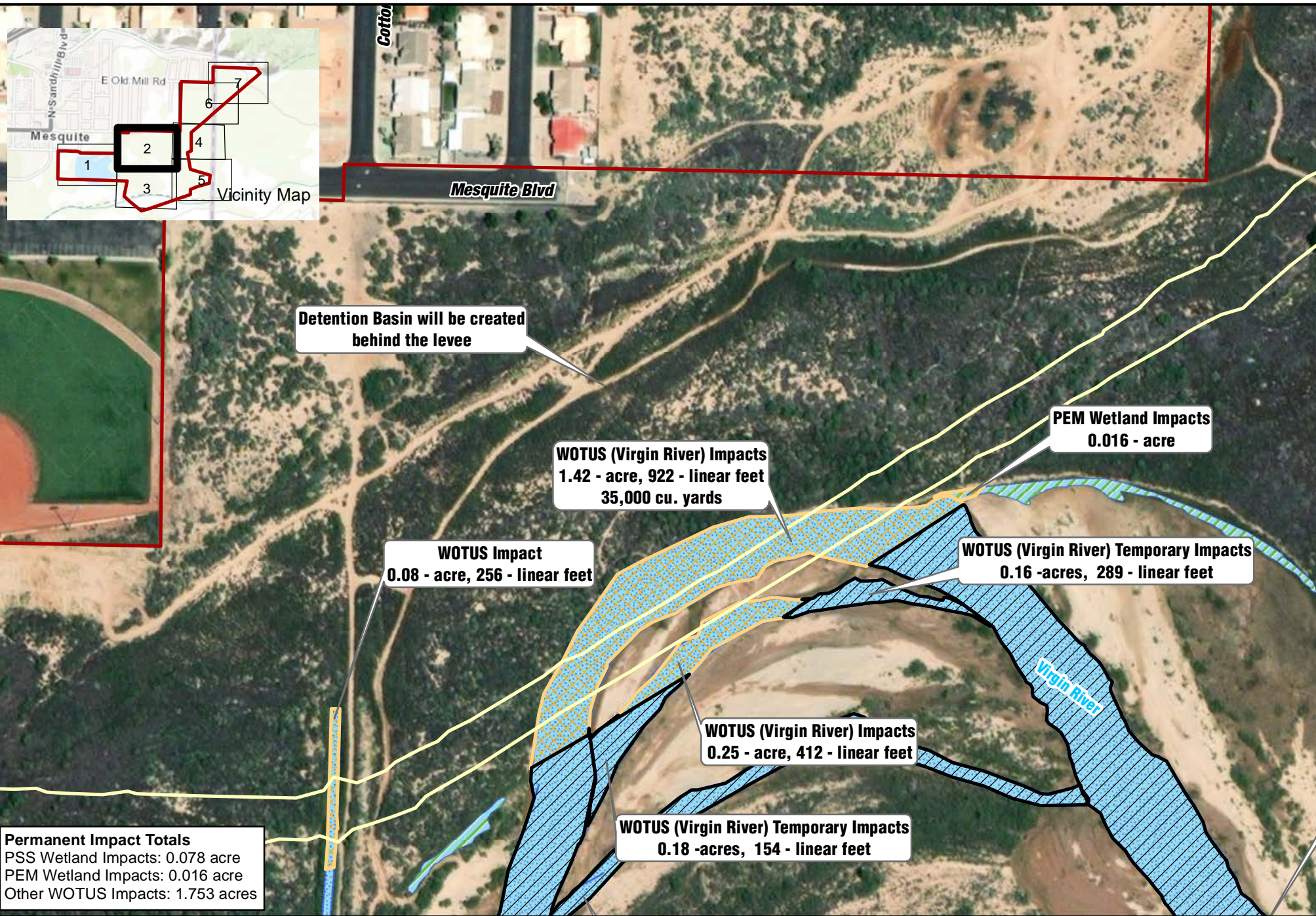
Permanent Impact Totals
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 Other WOTUS Impacts: 1.753 acres

Projection: Lambert Conformal Conic
 Datum: North American 1983
 Impacts Based on June 2022 Design
 Map Created by Horrocks Engineers on 12/14/2022 11:43:22 AM

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Detention Basin will be created behind the levee

WOTUS (Virgin River) Impacts
 1.42 - acre, 922 - linear feet
 35,000 cu. yards

PEM Wetland Impacts
 0.016 - acre

WOTUS Impact
 0.08 - acre, 256 - linear feet

WOTUS (Virgin River) Temporary Impacts
 0.16 - acres, 289 - linear feet

WOTUS (Virgin River) Impacts
 0.25 - acre, 412 - linear feet

WOTUS (Virgin River) Temporary Impacts
 0.18 - acres, 154 - linear feet

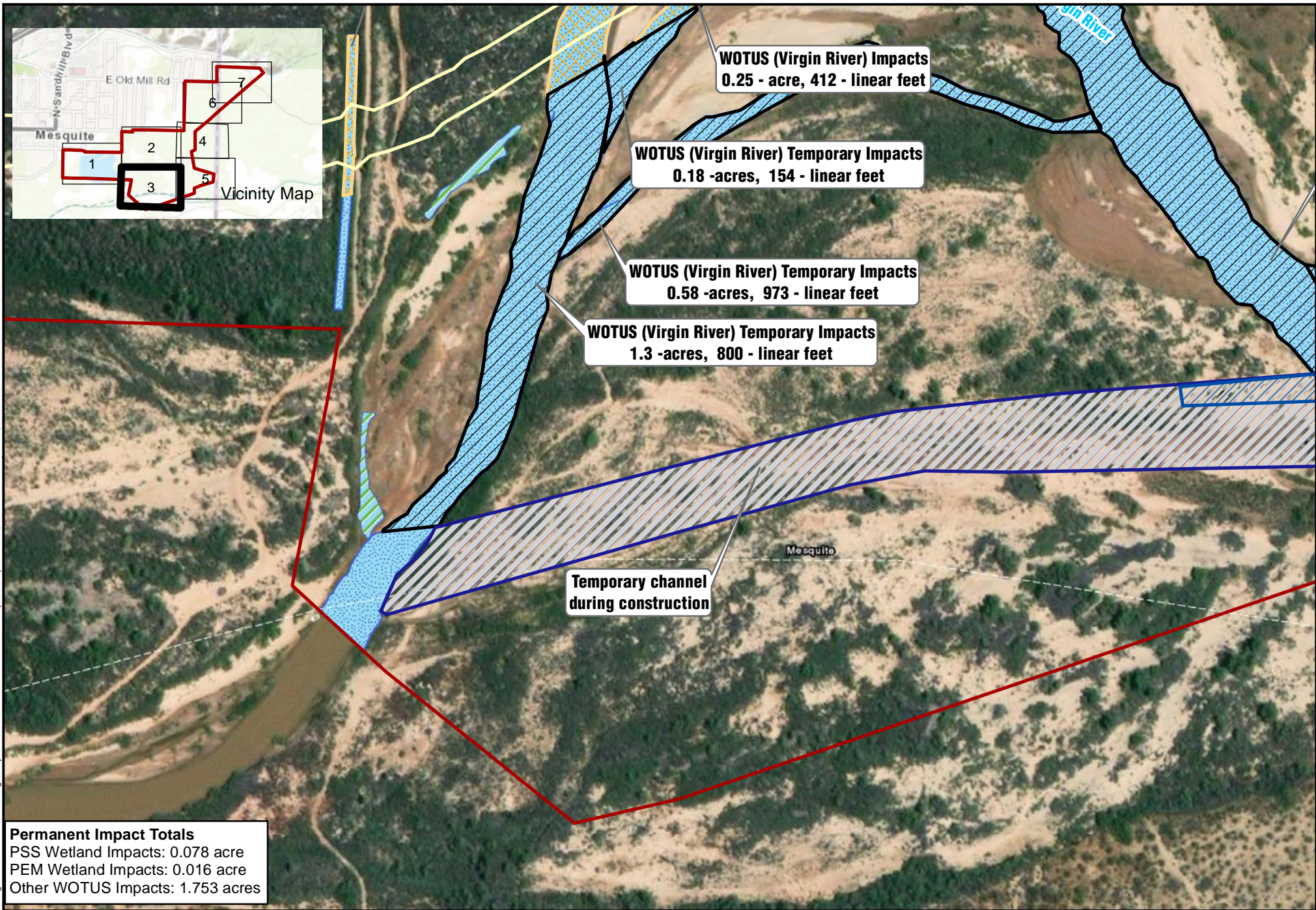
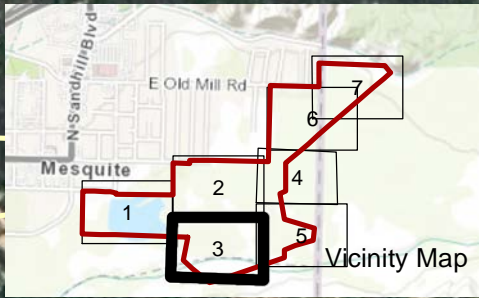
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 Other WOTUS Impacts: 1.753 acres

Projection: Lambert Conformal Conic
 Datum: North American 1983
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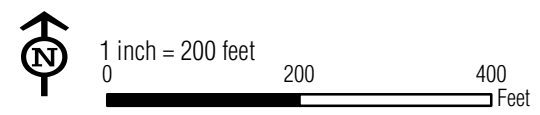
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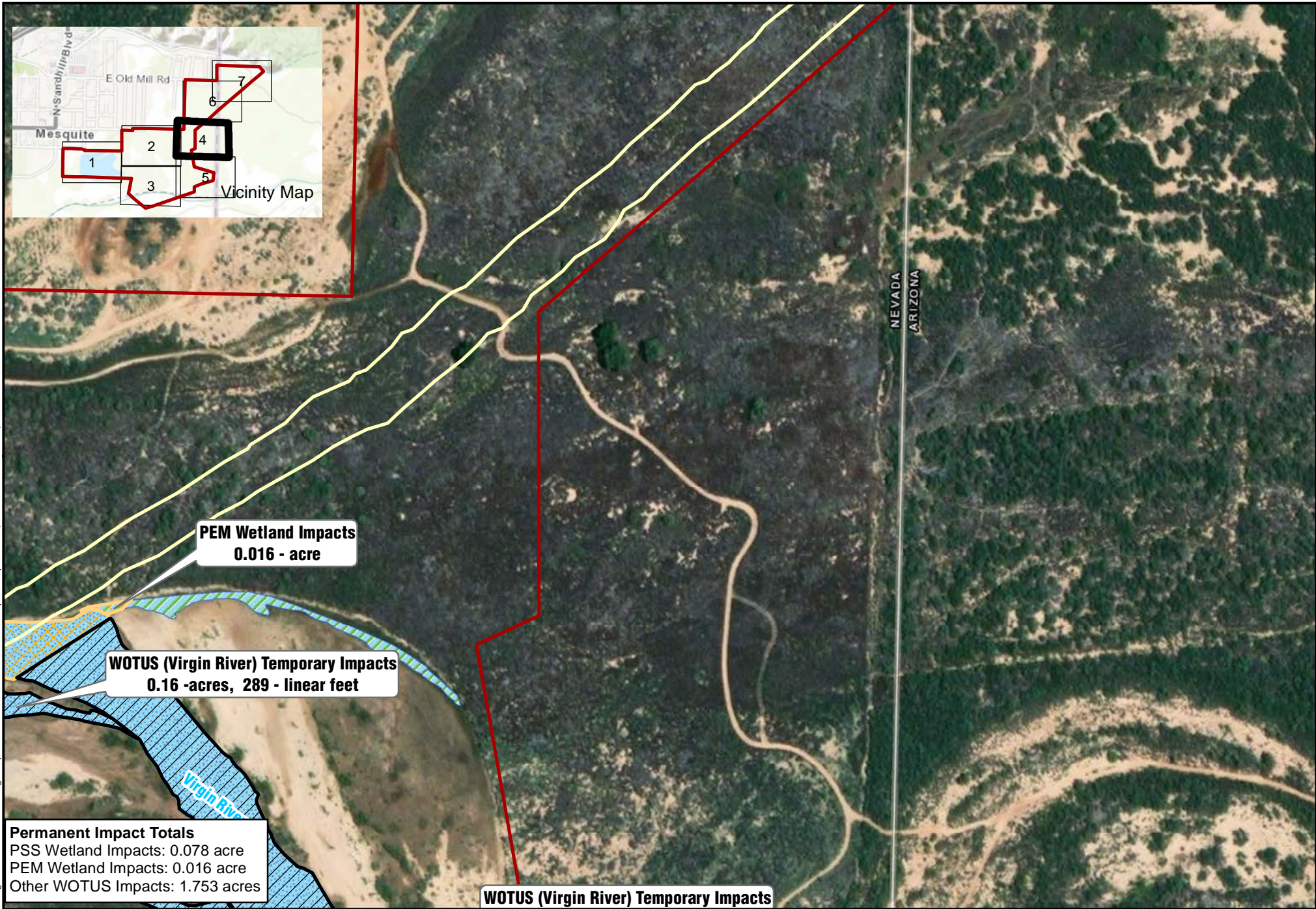
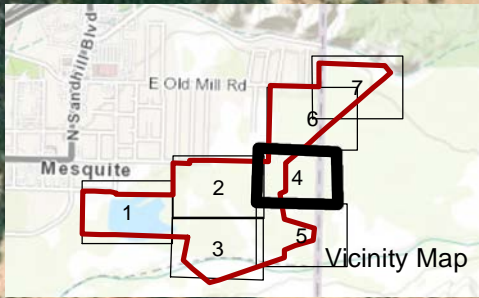
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 Other WOTUS Impacts: 1.753 acres

Projection: Lambert Conformal Conic
 Datum: North American 1983
 Impacts Based on June 2022 Design
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- Study Area
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PEM Wetland Impacts
0.016 - acre

WOTUS (Virgin River) Temporary Impacts
0.16 -acres, 289 - linear feet

Permanent Impact Totals
PSS Wetland Impacts: 0.078 acre
PEM Wetland Impacts: 0.016 acre
Other WOTUS Impacts: 1.753 acres

WOTUS (Virgin River) Temporary Impacts

NEVADA
ARIZONA

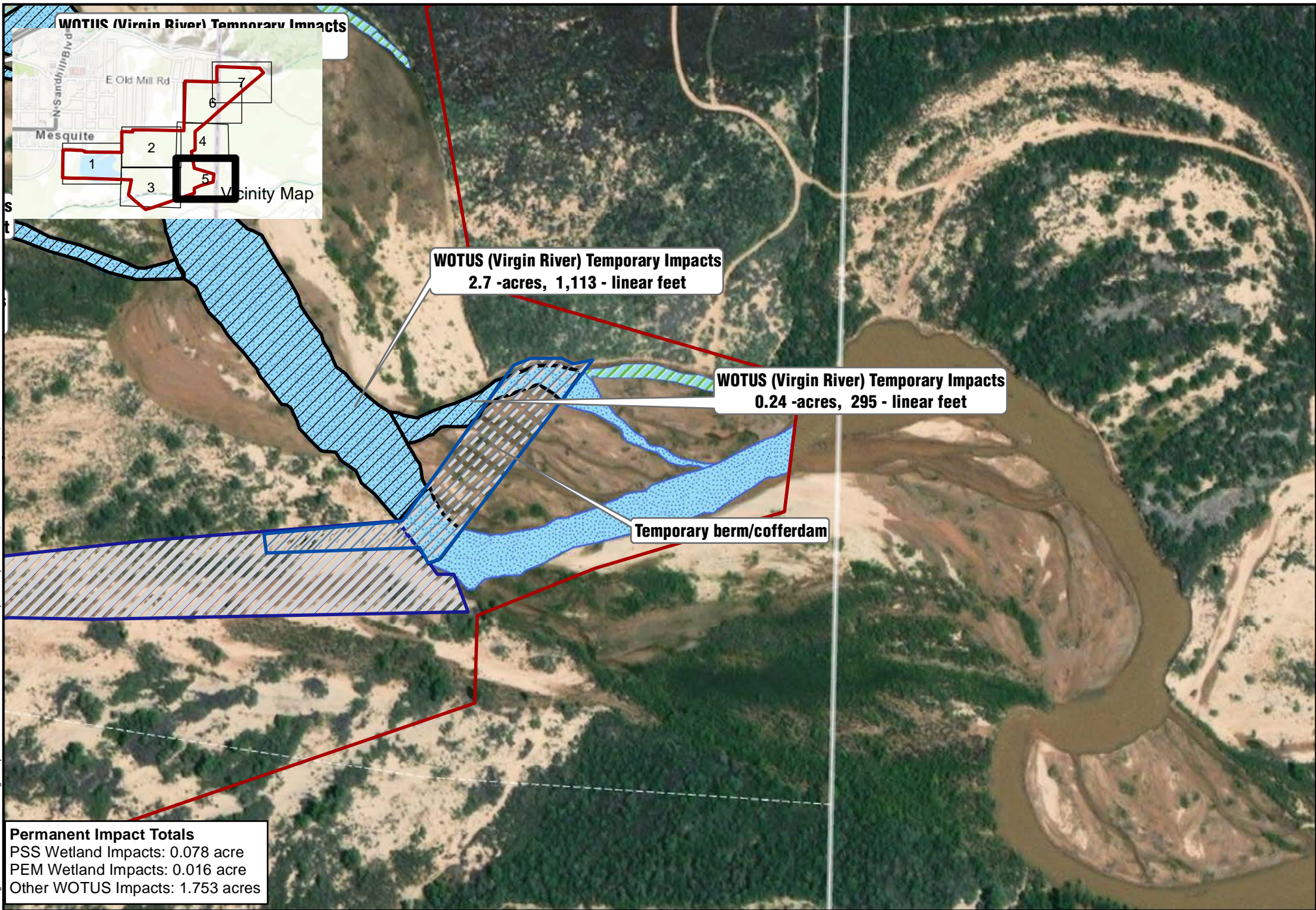
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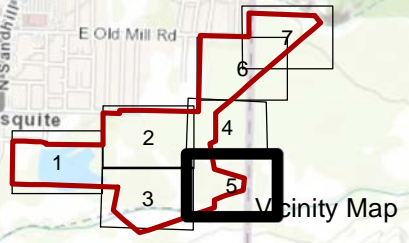
- Study Area
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1 inch = 200 feet
0 200 400 Feet



WOTUS (Virgin River) Temporary Impacts



WOTUS (Virgin River) Temporary Impacts
2.7 -acres, 1,113 - linear feet

WOTUS (Virgin River) Temporary Impacts
0.24 -acres, 295 - linear feet

Temporary berm/cofferdam

Permanent Impact Totals
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PEM Wetland Impacts: 0.016 acre
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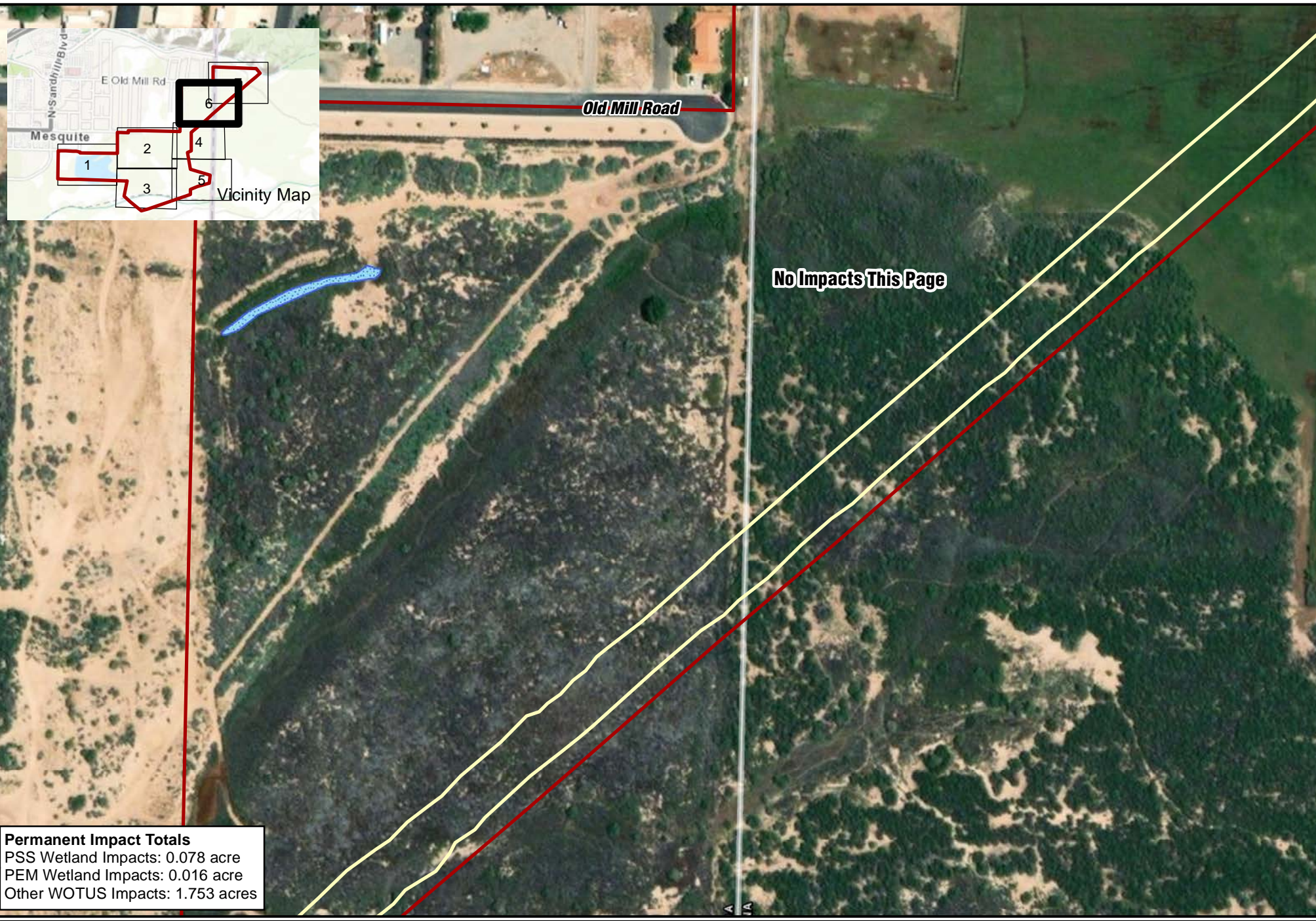
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1 inch = 200 feet
0 200 400 Feet

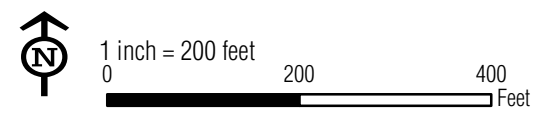
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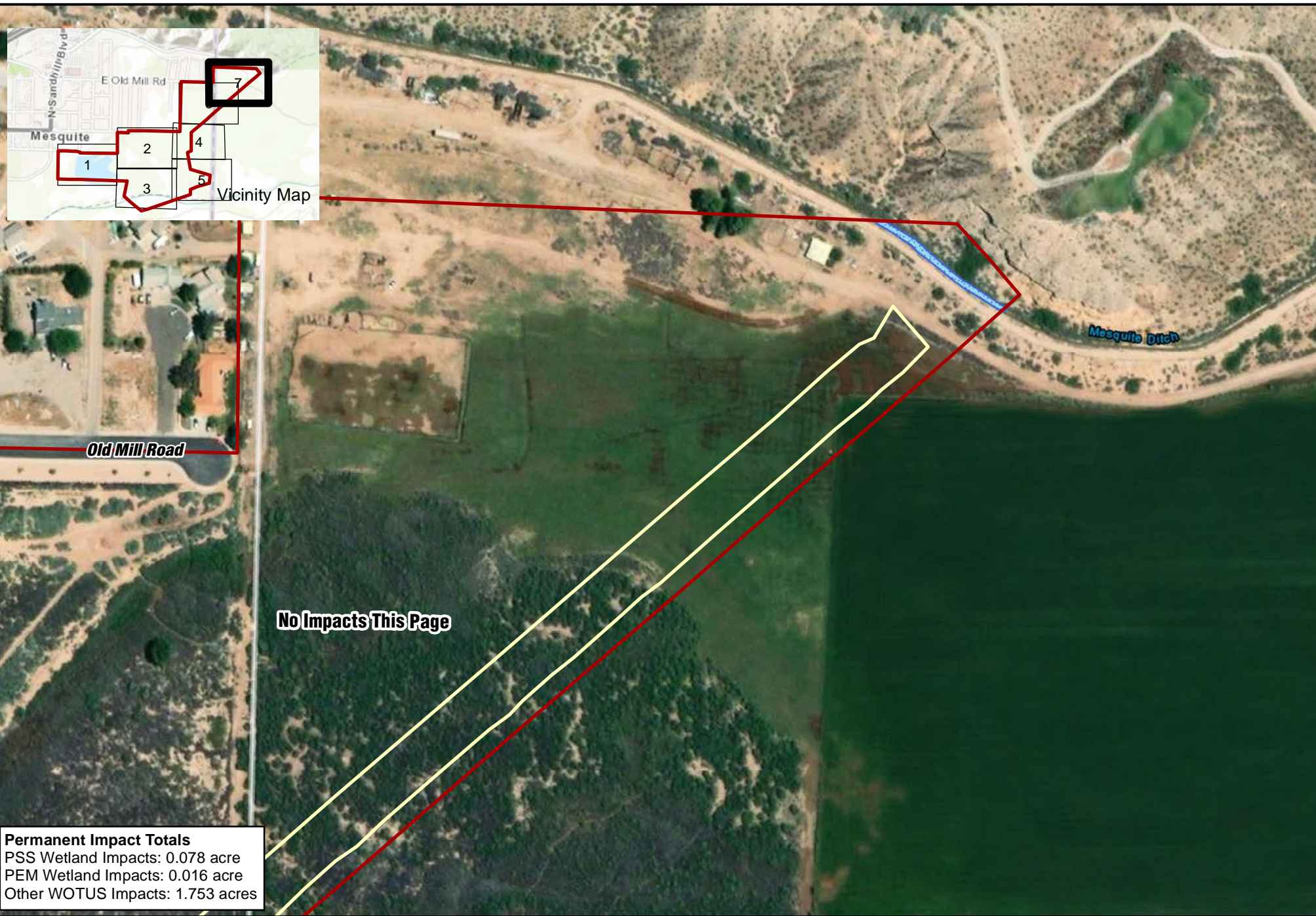
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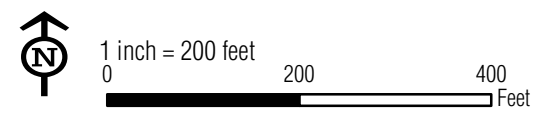
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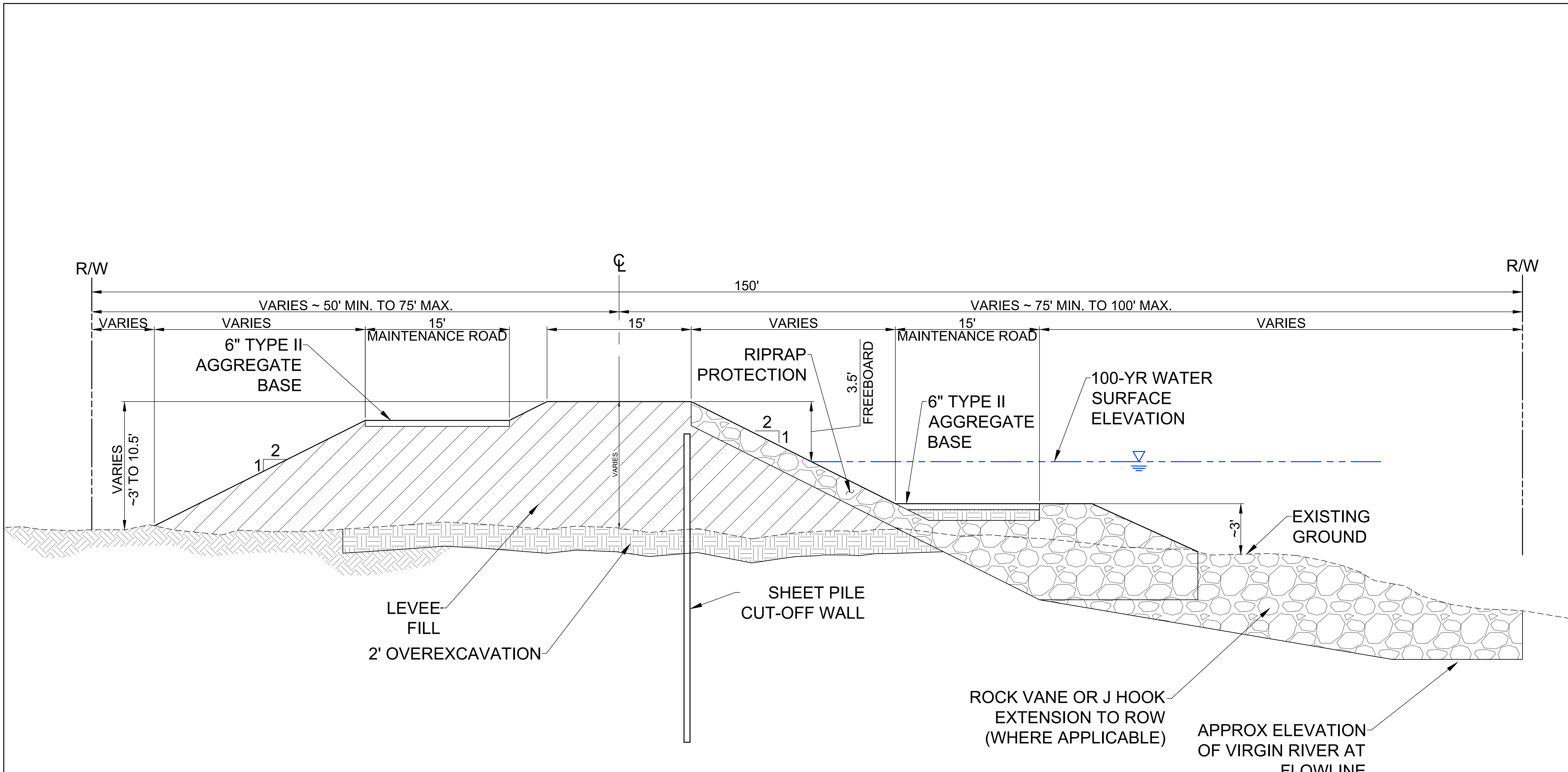
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A LEVEE TYPICAL SECTION
 SCALE: NTS

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