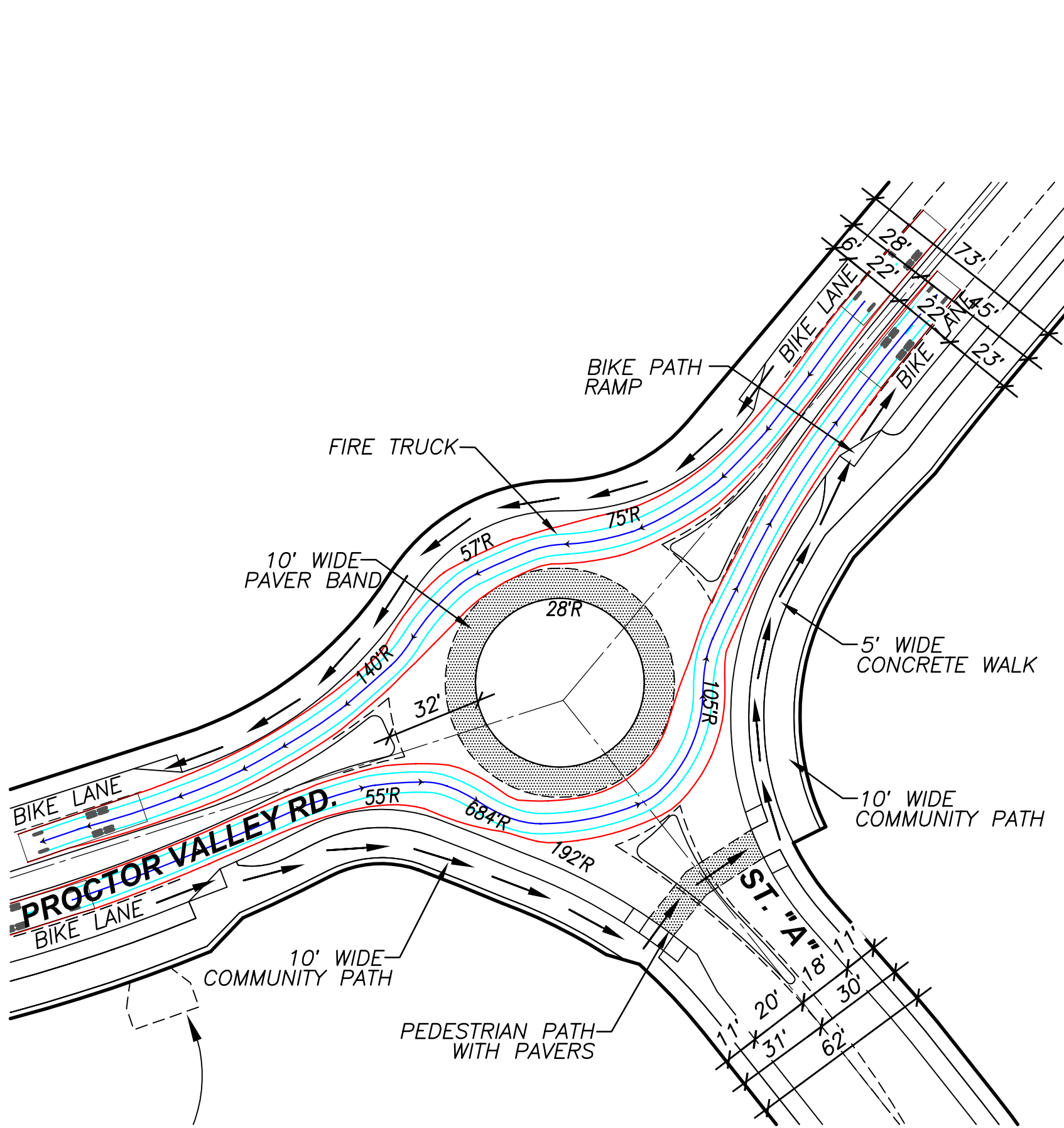
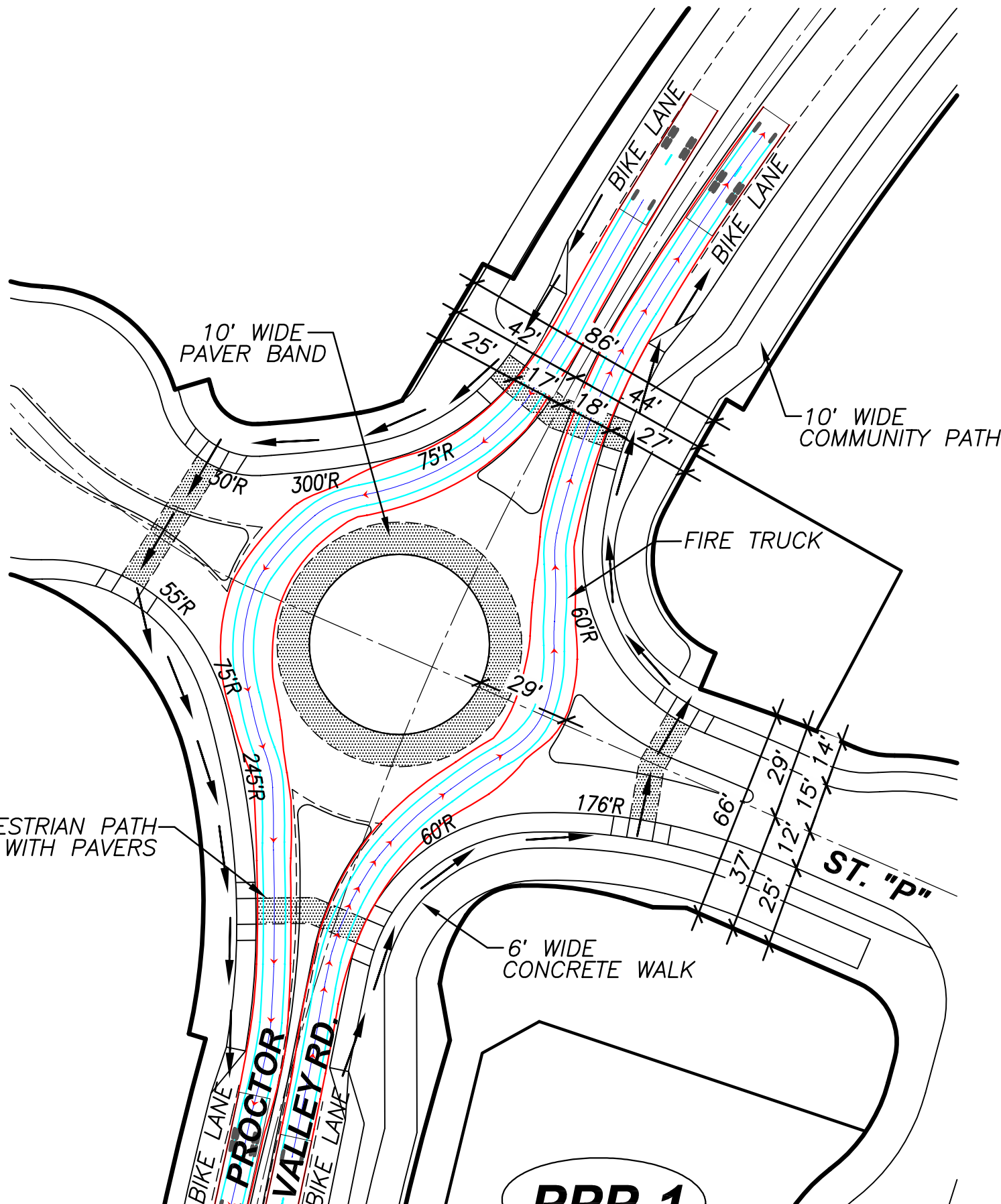
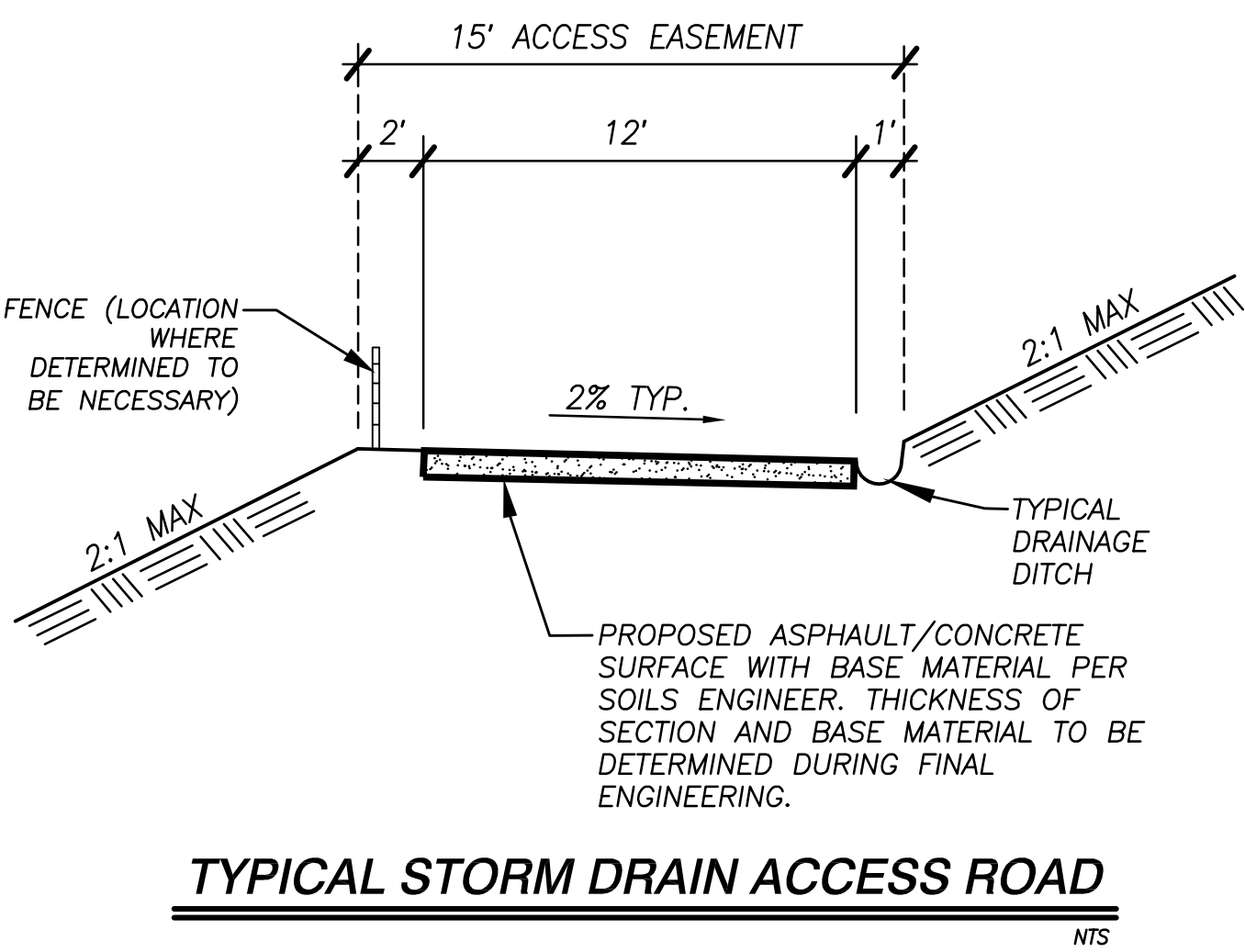




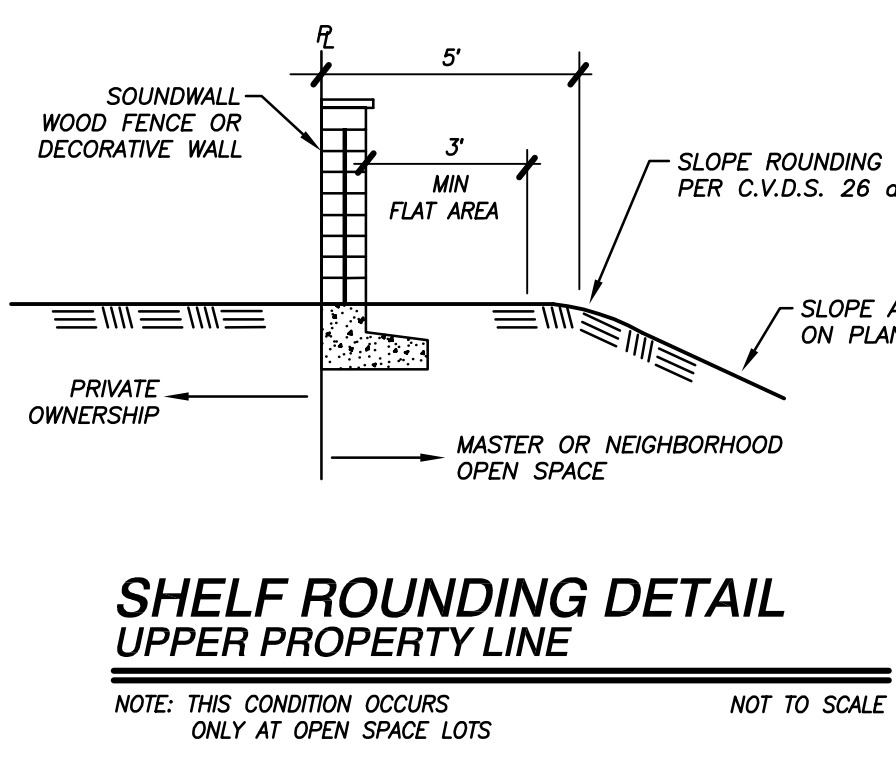
ROUNDBOUT # 1 - SOUTH VILLAGE
PROCTOR VALLEY RD & ST. "A"
NOT TO SCALE



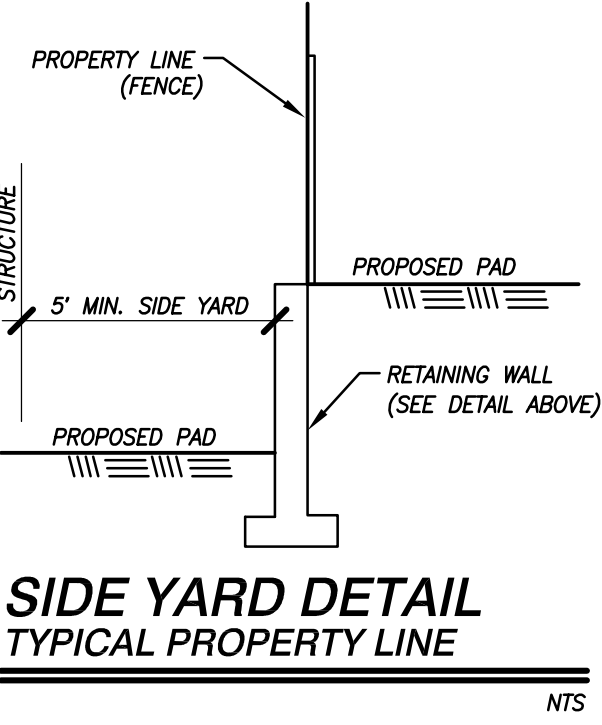
ROUNDBOUT # 2 - CENTRAL VILLAGE
PROCTOR VALLEY RD & ST. "P"
NOT TO SCALE



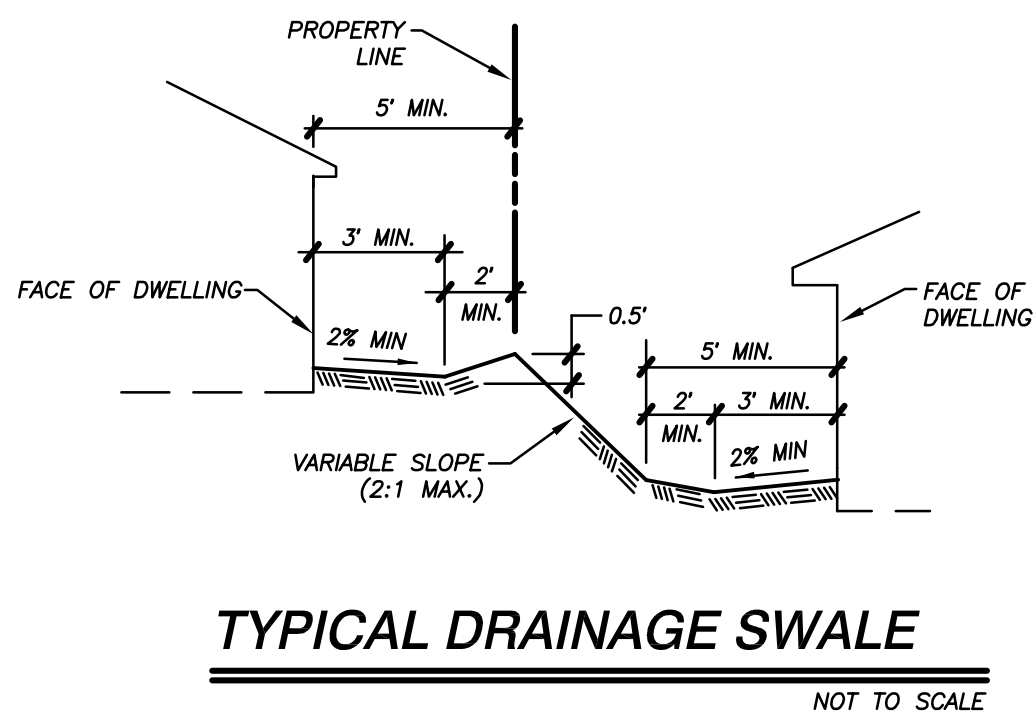
TYPICAL STORM DRAIN ACCESS ROAD
NTS



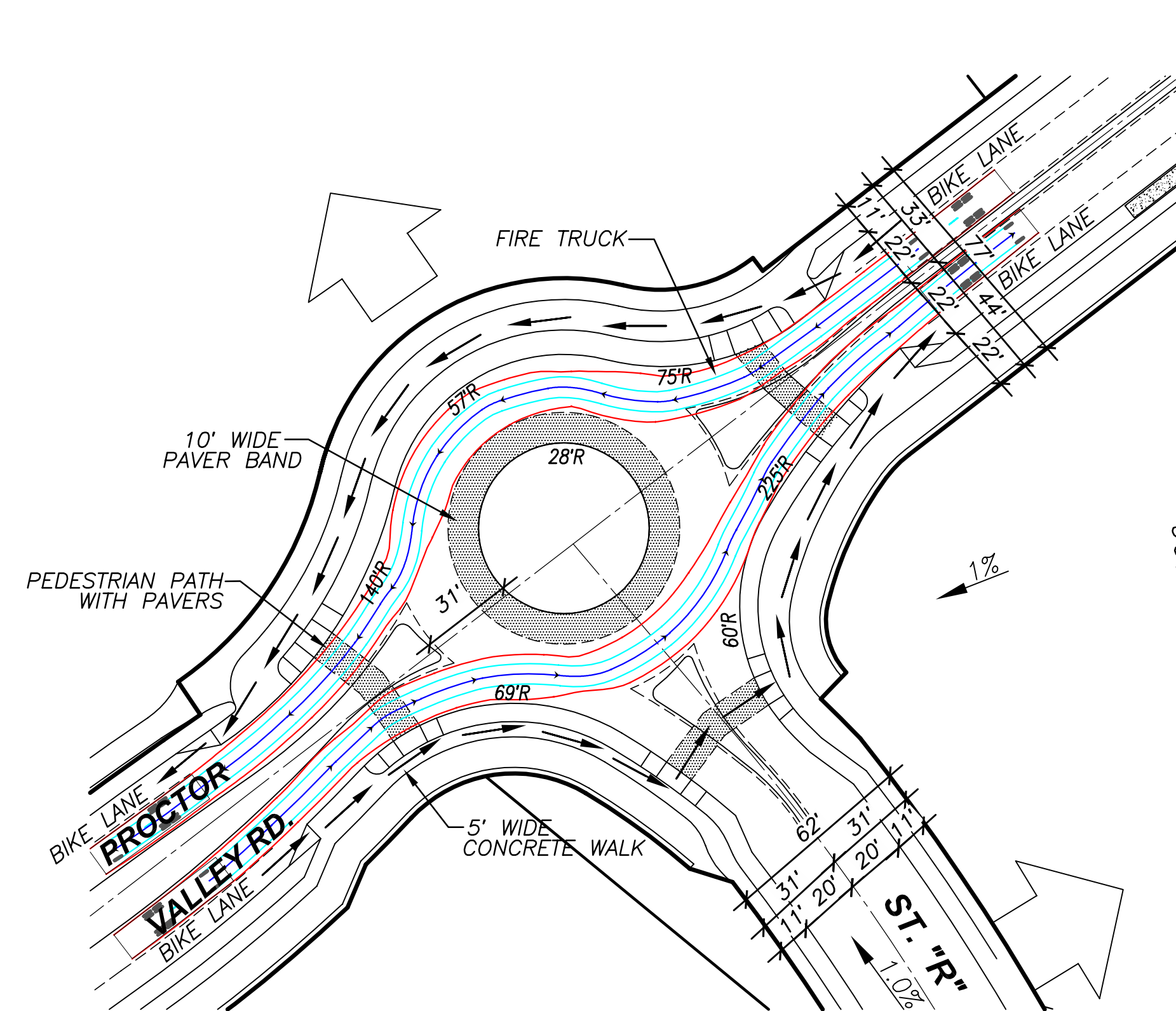
SHELF ROUNDING DETAIL
UPPER PROPERTY LINE
NOTE: THIS CONDITION OCCURS ONLY AT OPEN SPACE LOTS
NOT TO SCALE



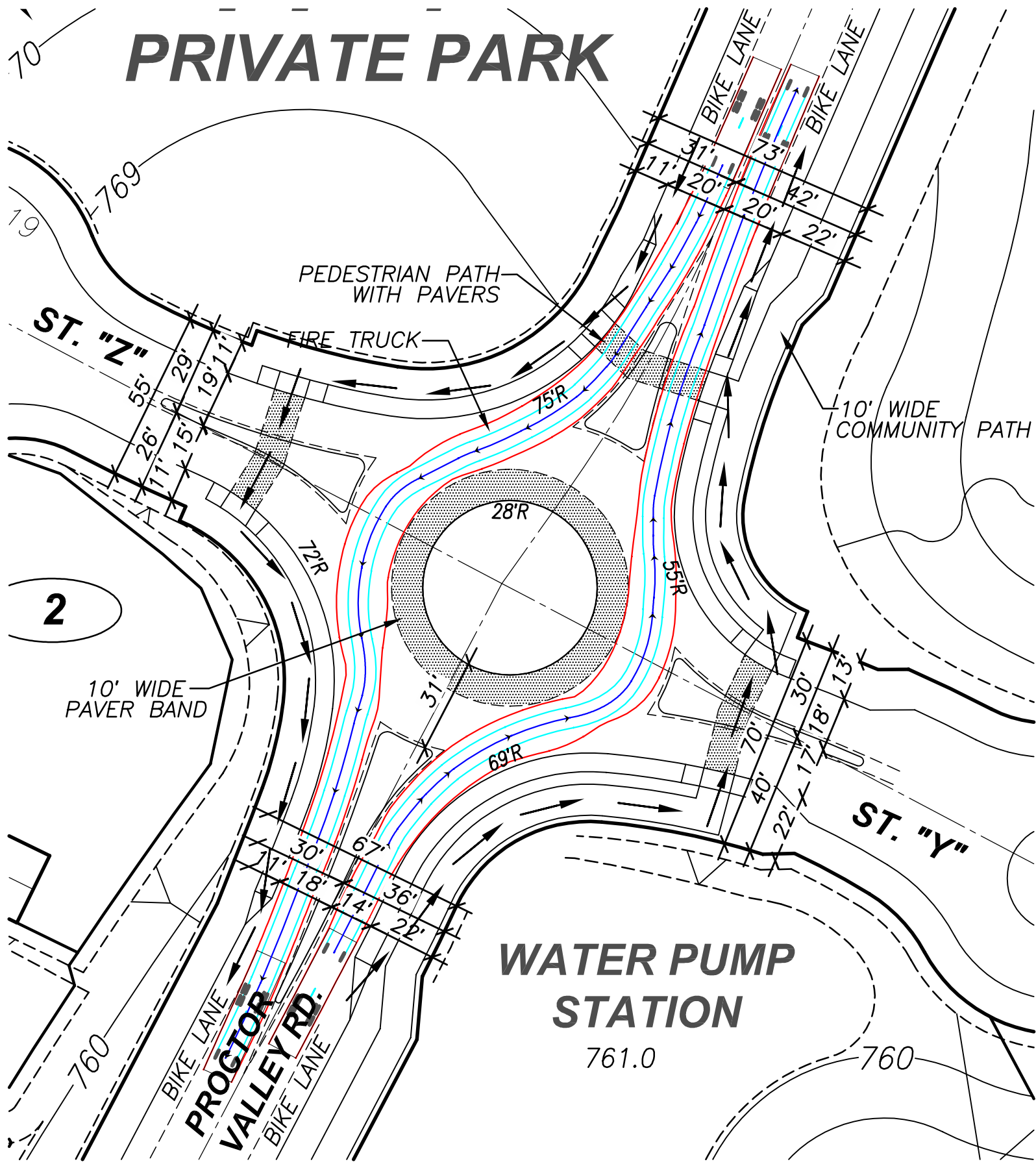
SIDE YARD DETAIL
TYPICAL PROPERTY LINE
NTS



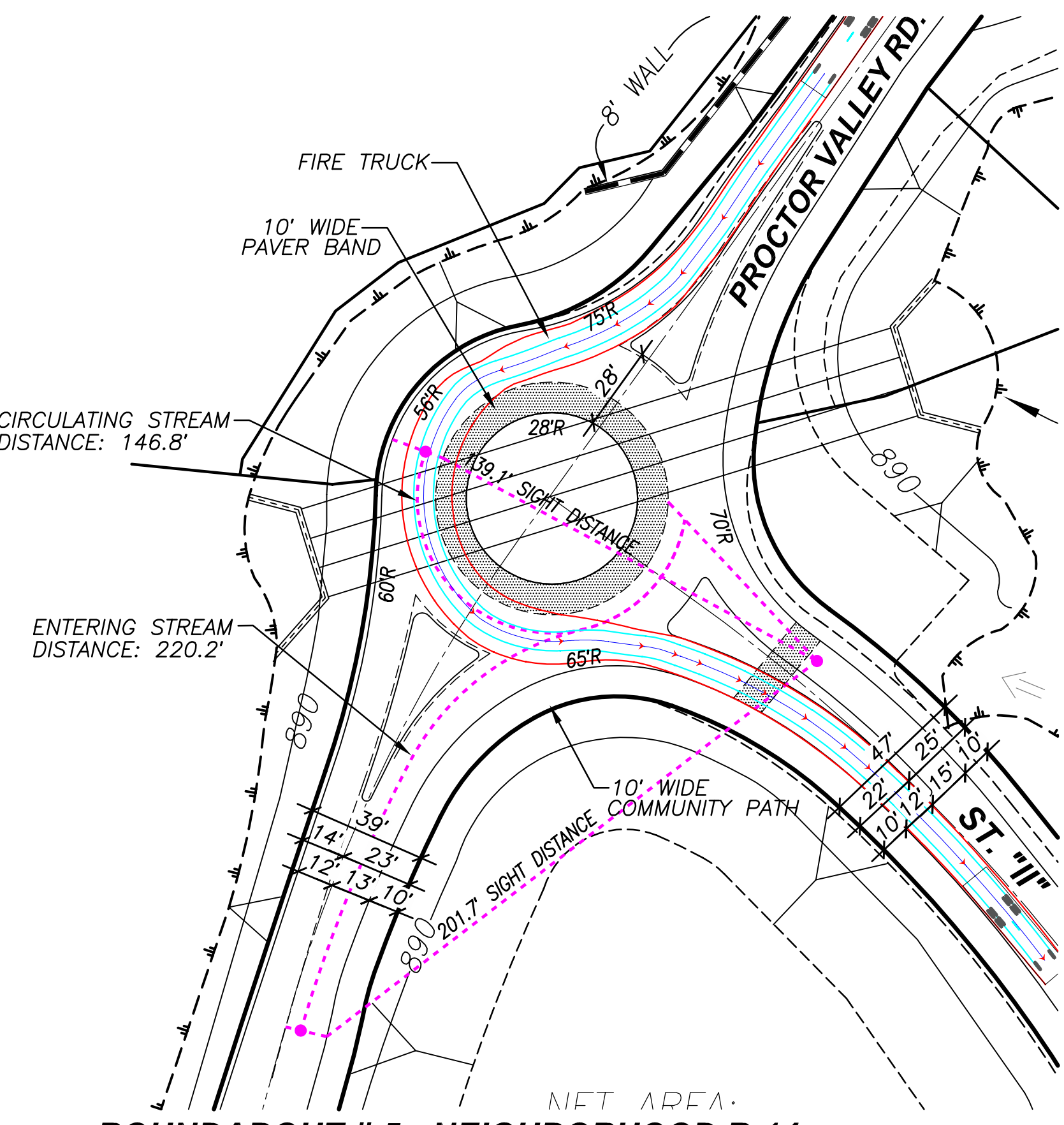
TYPICAL DRAINAGE SWALE
NOT TO SCALE



ROUNDBOUT # 3 - CENTRAL VILLAGE
PROCTOR VALLEY RD & ST. "R"
NOT TO SCALE



ROUNDBOUT # 4 - NORTH VILLAGE
PROCTOR VALLEY RD & ST. "W" & ST. "Z"
NOT TO SCALE

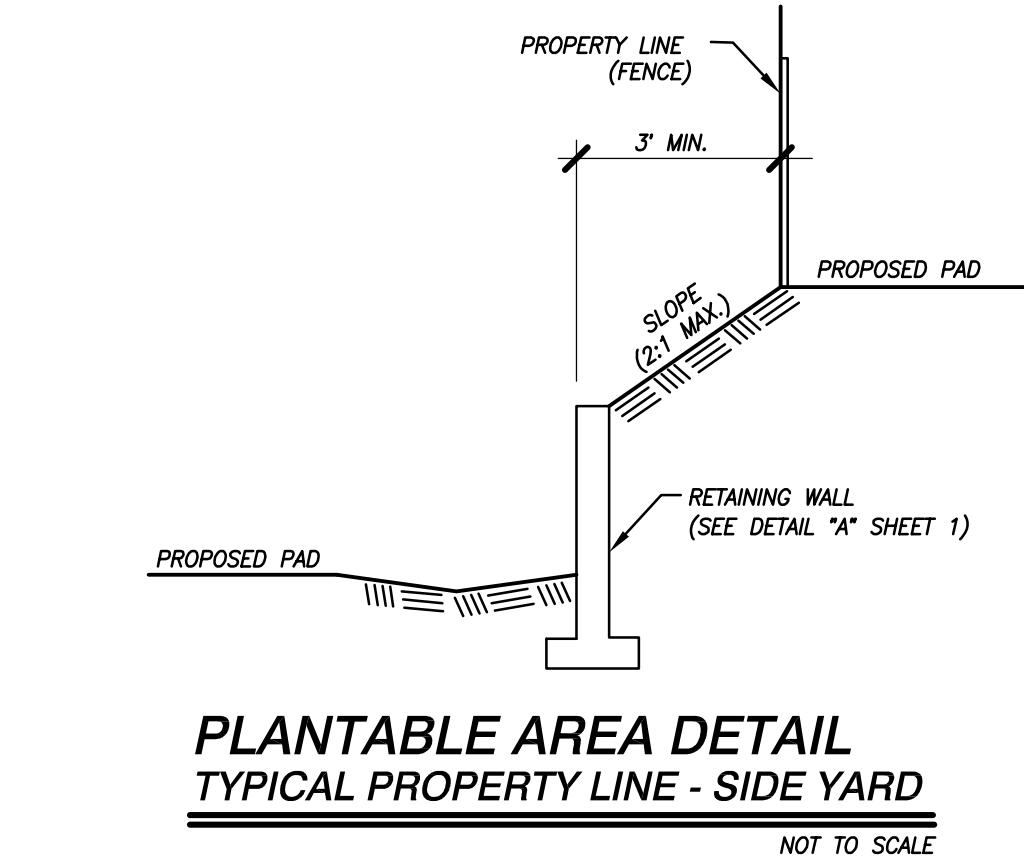


ROUNDBOUT # 5 - NEIGHBORHOOD R-14
PROCTOR VALLEY RD & ST. "II"
NOT TO SCALE

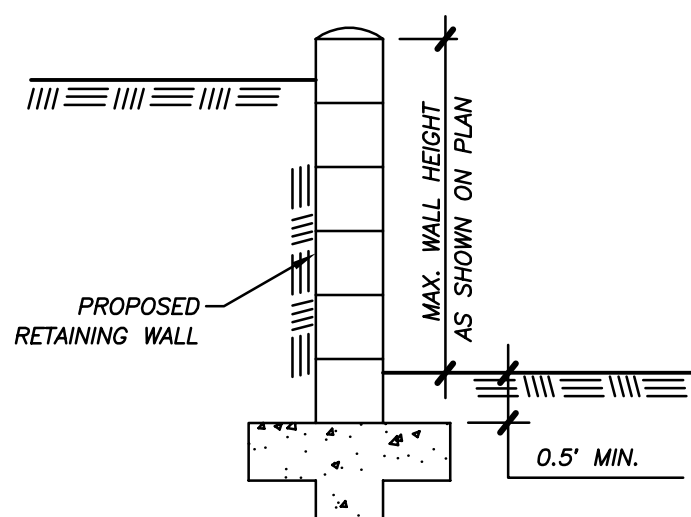
NOTE: SIGHT DISTANCE DETERMINED PER NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 672

FIRE TRUCK DIMENSIONS
LENGTH - 41.92'
WIDTH - 9.83'
WHEEL BASE - 20.83'

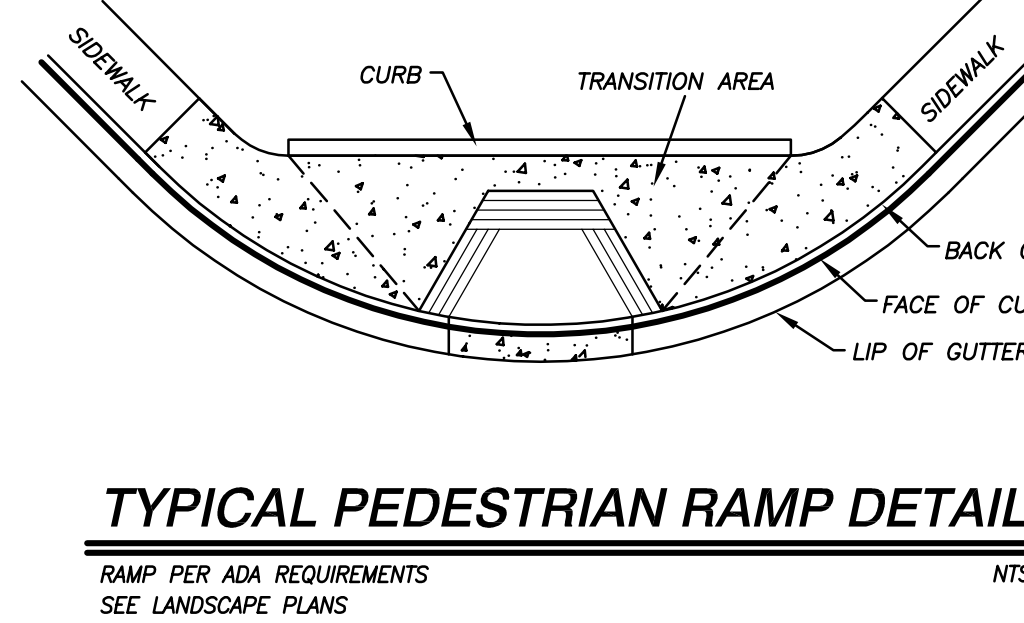
ROUNDBOUT DETAILS
SEE SHEET 2 FOR PRIMARY STREET CROSS SECTION INDEX



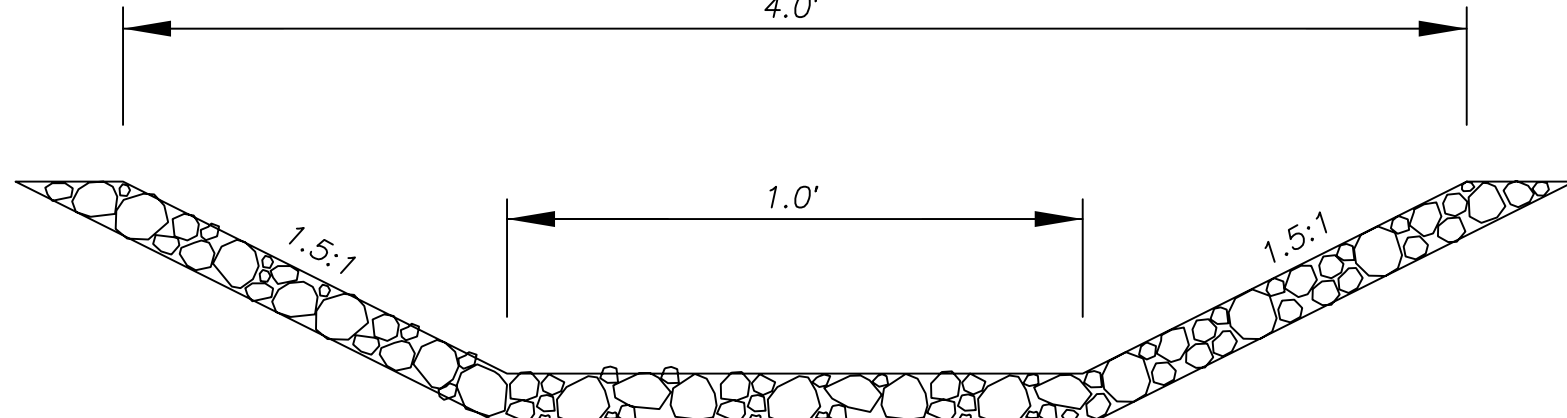
PLANTABLE AREA DETAIL
TYPICAL PROPERTY LINE - SIDE YARD
NOT TO SCALE



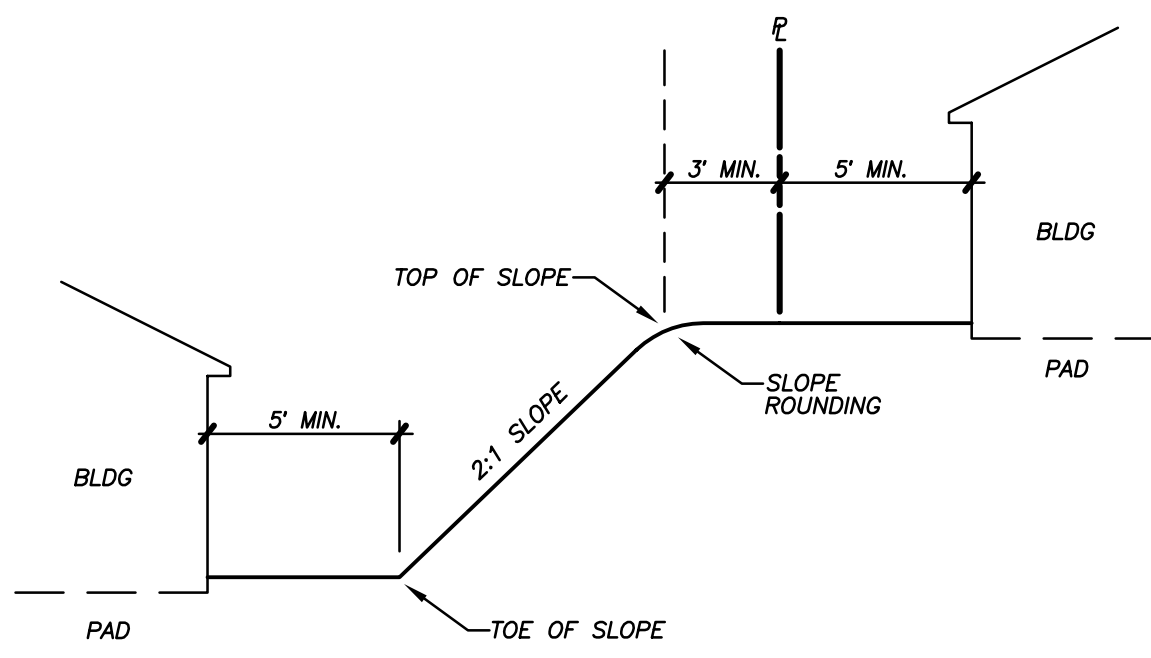
TYPICAL RETAINING WALL SECTION
NTS



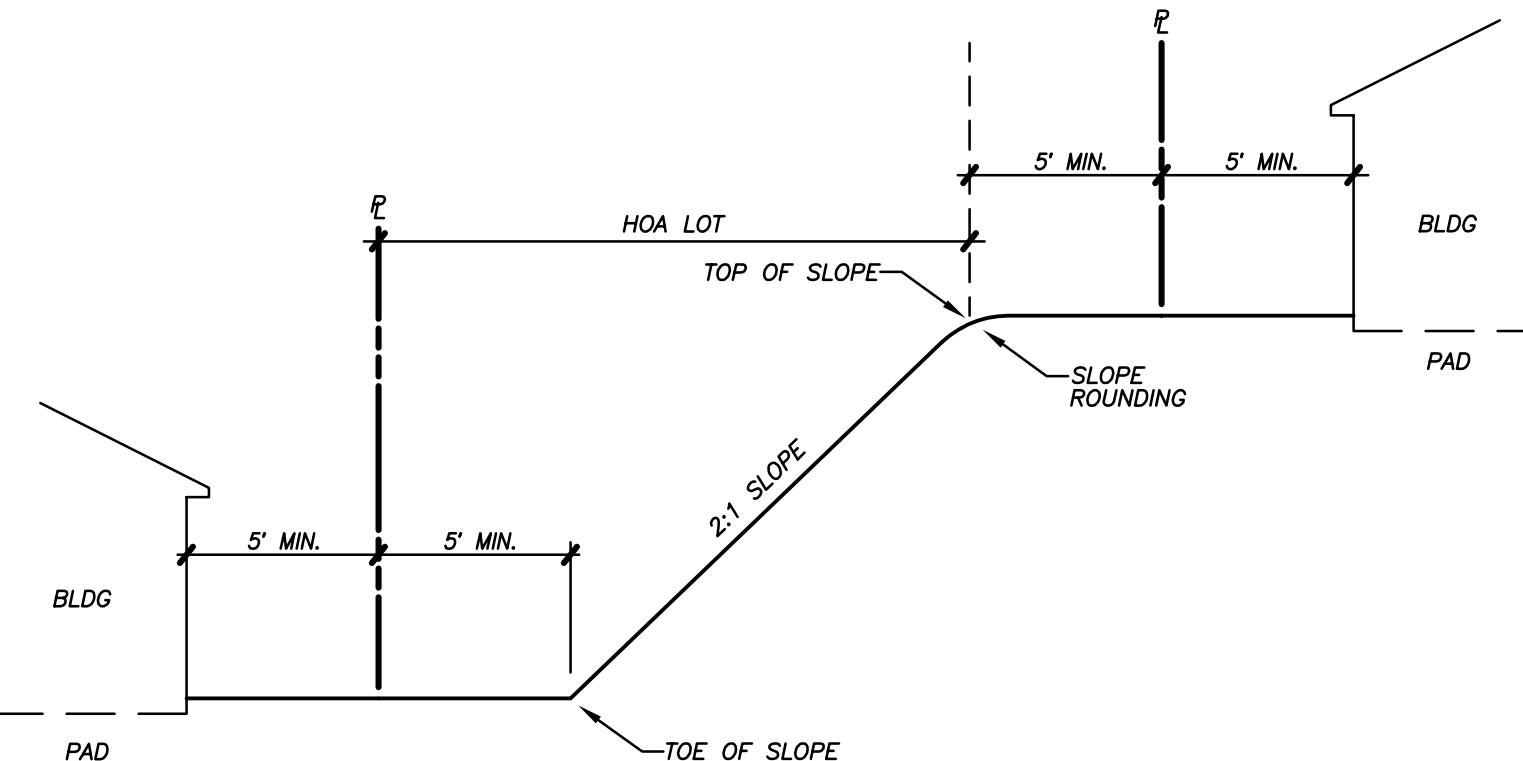
TYPICAL PEDESTRIAN RAMP DETAIL
RAMP PER ADA REQUIREMENTS
SEE LANDSCAPE PLANS
NTS



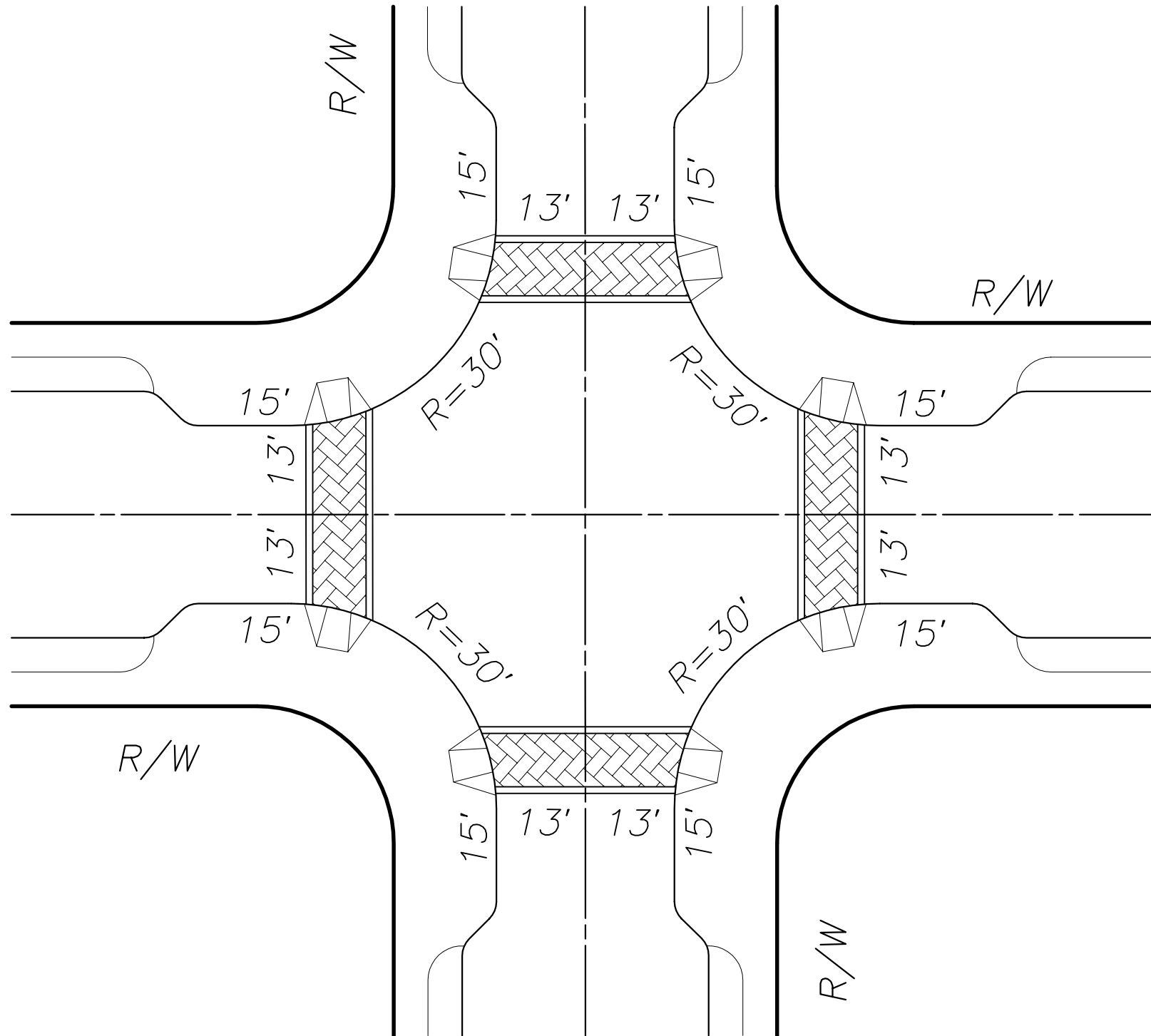
1' DEEP ROCK LINED CHANNEL DETAIL
NTS



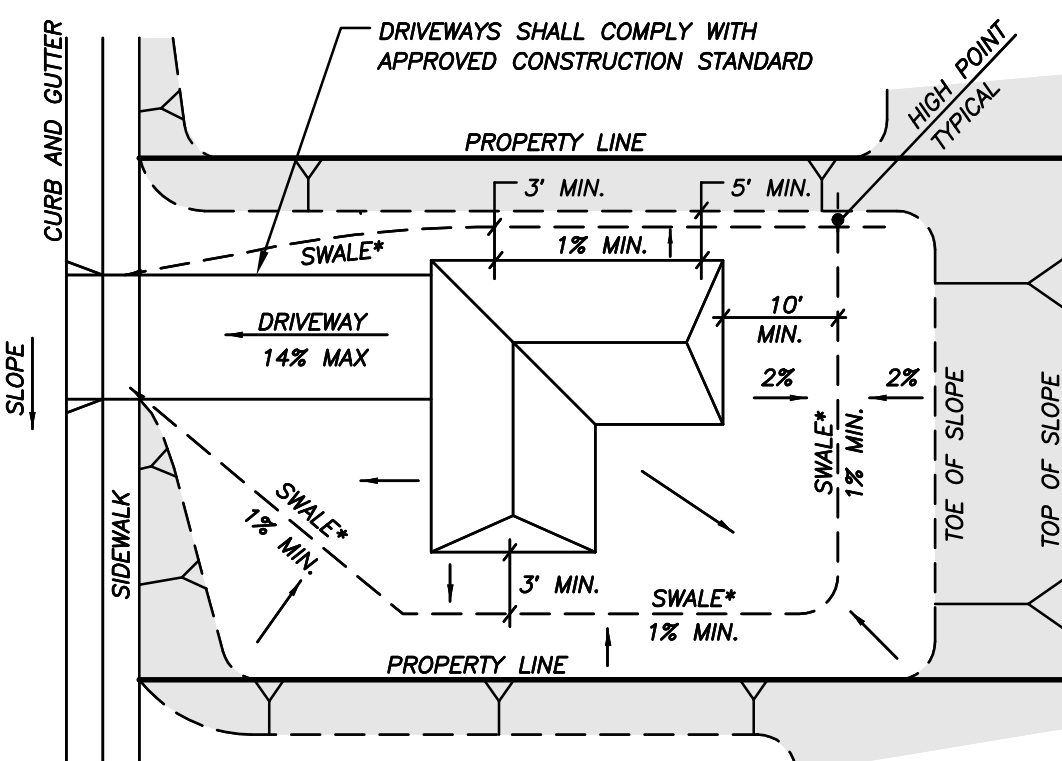
GRADING DETAIL
SLOPES UNDER 30° VERTICAL FEET
NOT TO SCALE



GRADING DETAIL
SLOPES OVER 30° VERTICAL FEET
★ SEE GEOTECH LETTER RE: BENCHES
NOT TO SCALE



TYPICAL INTERSECTION NECKDOWN
NOT TO SCALE



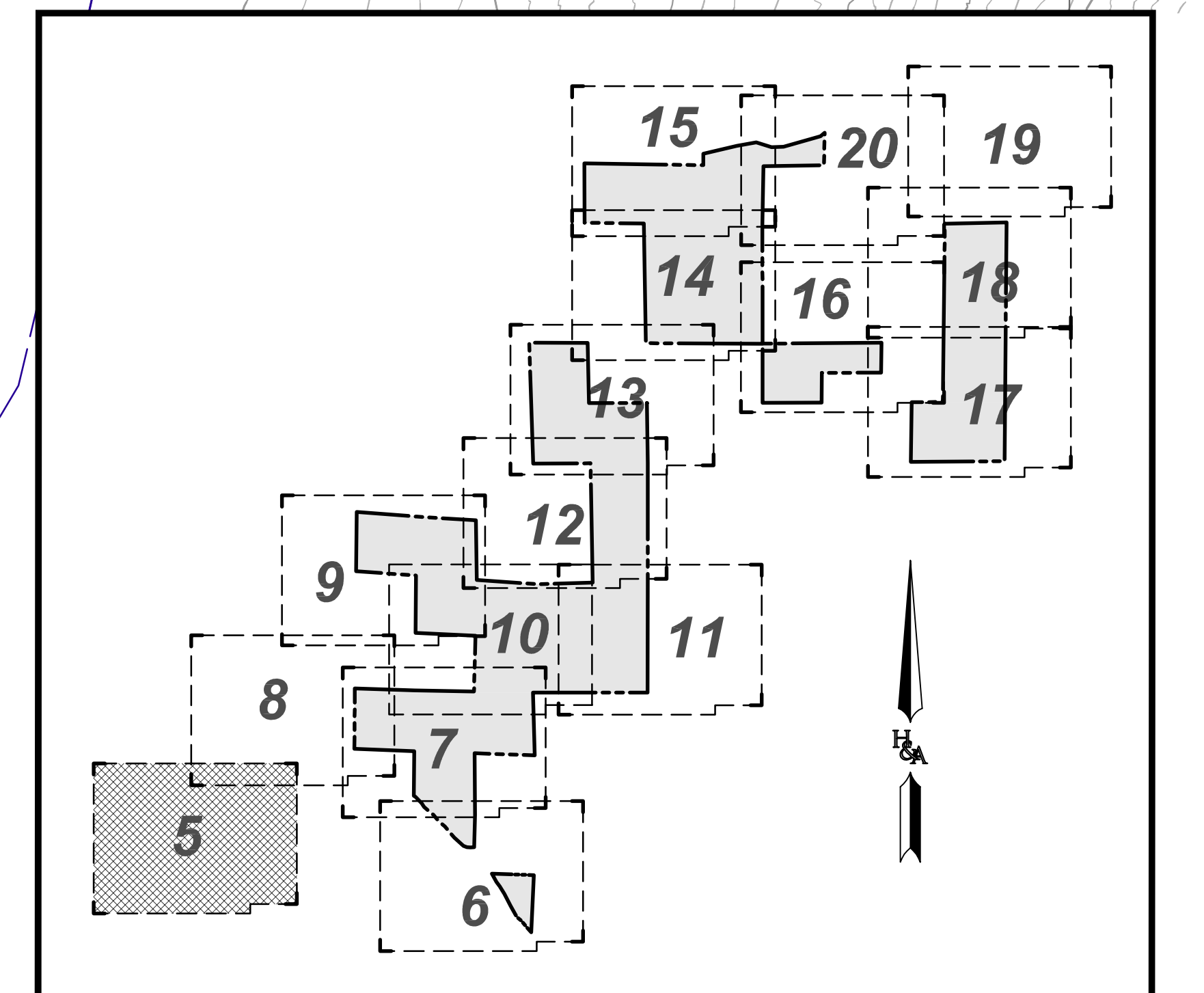
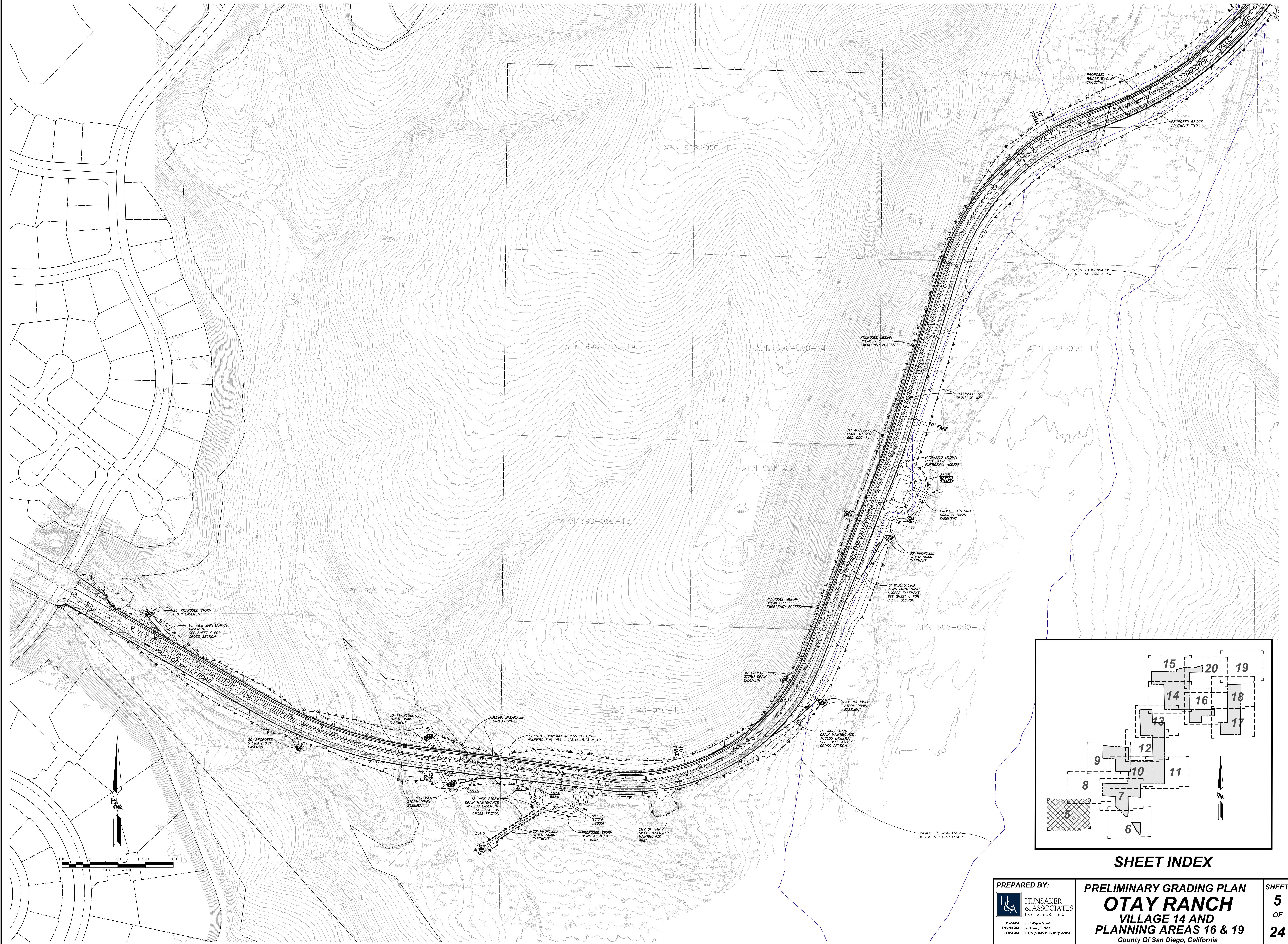
TYPICAL LOT DRAINAGE DETAIL
★ OPTIONAL USE OF AREA DRAINS WITH SWALES
NTS

DETAILS

PREPARED BY:
HUNSAKER & ASSOCIATES
SAN DIEGO, INC.
PLANNING: 9707 Waples Street
ENGINEERING: San Diego, CA 92121
SURVEYING: PH690638-6300 / TX658558-9414

PRELIMINARY GRADING PLAN
OTAY RANCH
VILLAGE 14 AND
PLANNING AREAS 16 & 19
County Of San Diego, California

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OF
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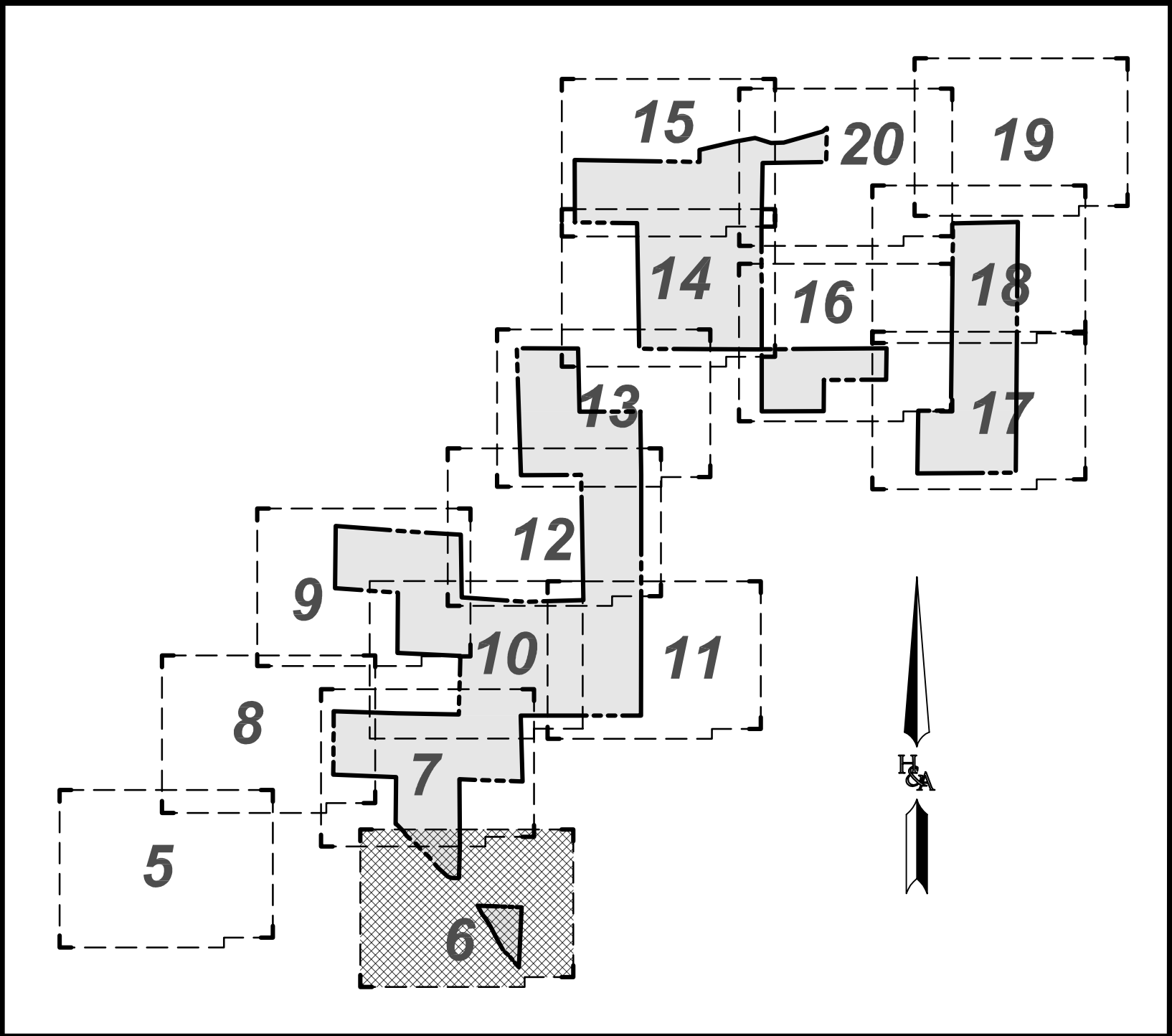
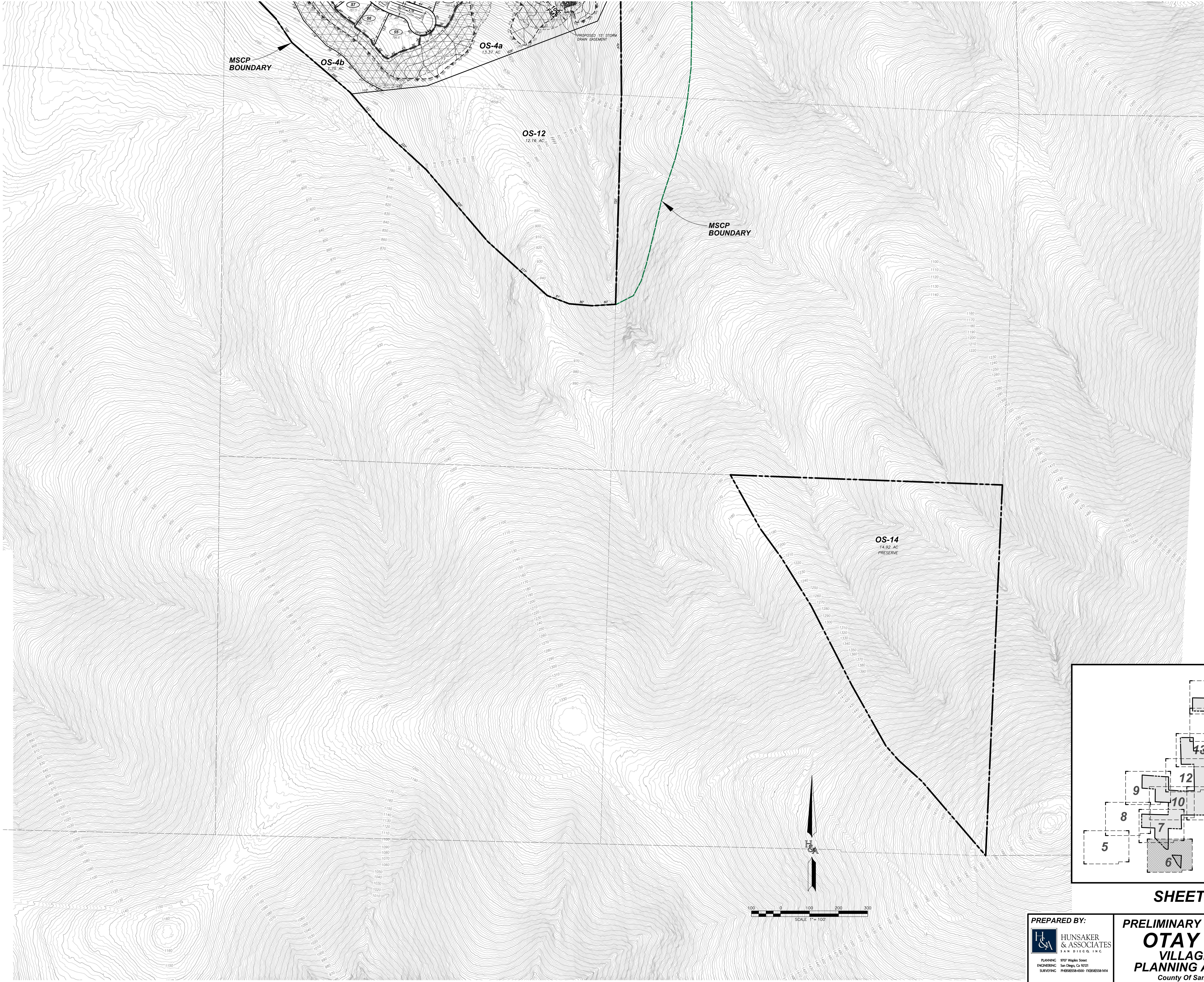


SHEET INDEX

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SAN DIEGO, CALIF.
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ENGINEERING: San Diego, CA 92121
SURVEYING: PH0905050-000 / PH0905050-001

PRELIMINARY GRADING PLAN
OTAY RANCH
VILLAGE 14 AND
PLANNING AREAS 16 & 19
County Of San Diego, California

SHEET
5
OF
24



SHEET INDEX

PREPARED BY:
HUNSAKER & ASSOCIATES
SAN DIEGO, INC.
PLANNING 9707 Wagon Street
ENGINEERING San Diego, CA 92121
SURVEYING PH060636-6300 FX050558-9414

PRELIMINARY GRADING PLAN
OTAY RANCH
VILLAGE 14 AND
PLANNING AREAS 16 & 19
County Of San Diego, California

SHEET
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