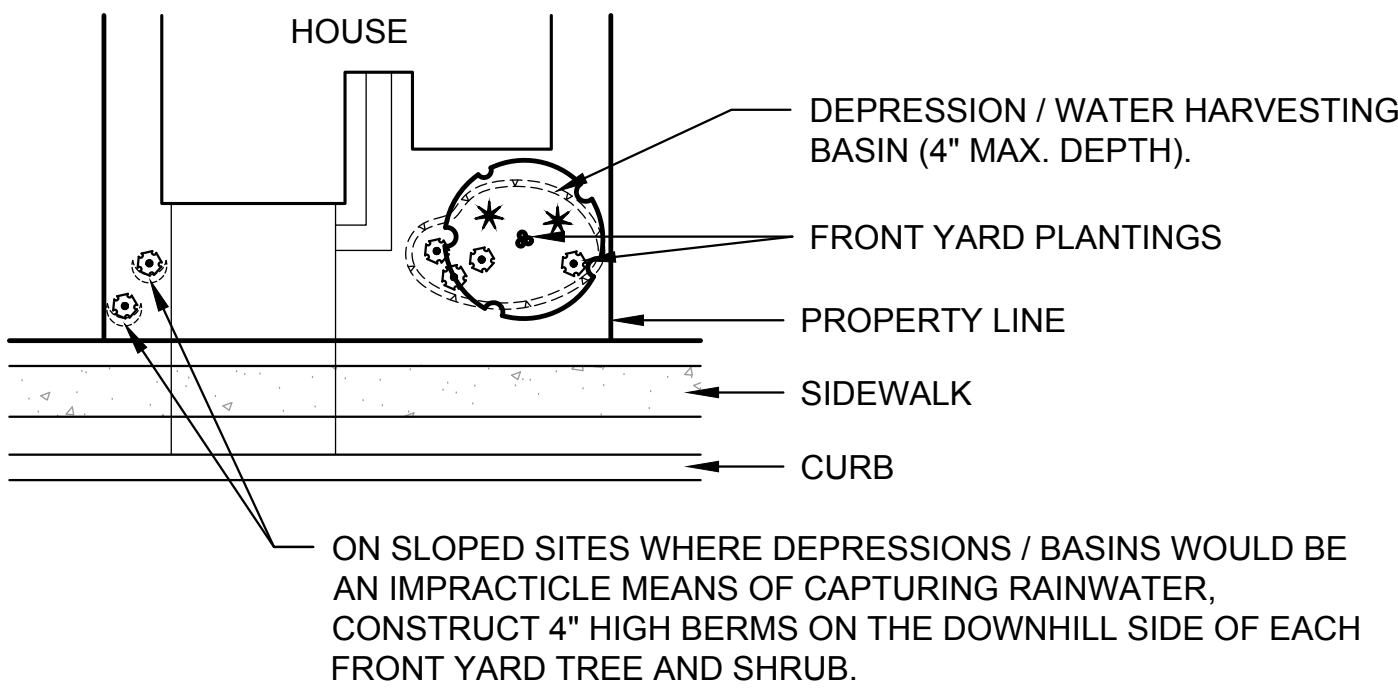


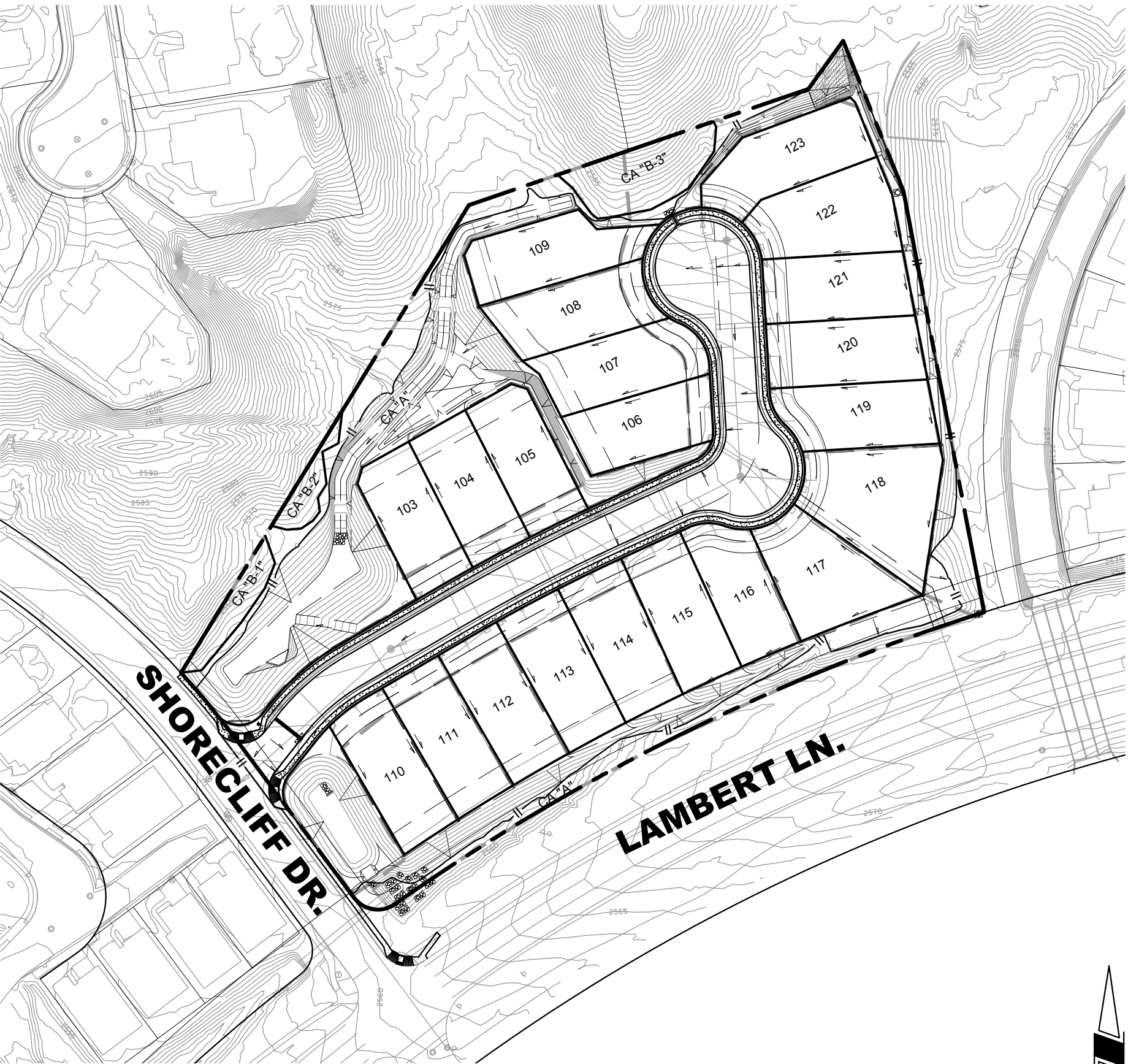
RAINWATER HARVESTING PLAN FOR:
RIVER'S EDGE
LOTS 103-123
1901060

RAINWATER HARVESTING
GENERAL NOTES

1. TOTAL AREA OF ALL NEW IMPERVIOUS SURFACES INCLUDING PAVEMENTS, SIDEWALKS, HARDSCAPE AREAS AND BUILDINGS IS: 119,000 ± SQ. FT. (ASSUMED MAXIMUM BASED ON BUILDING SETBACKS)
2. TOTAL VOLUME OF RAINWATER HARVESTING PROVIDED IS: 9,049 CU. FT. ± (DOES NOT INCLUDE FRONT YARD AREAS.)
3. RAINWATER HARVESTING MEASURES EMPLOYED FOR THIS DEVELOPMENT CONSIST OF THE FOLLOWING:
 - PASSIVE RAINWATER HARVESTING BASINS IN FRONT YARDS
 - PASSIVE RAINWATER HARVESTING BASINS IN COMMON AREAS WHERE POSSIBLE BASED ON GRADING DESIGN
 - PASSIVE RAINWATER HARVESTING IN DETENTION BASIN
4. ALL RAINWATER HARVESTING MEASURES SHOWN ON THIS PLAN SHALL BE INTEGRATED INTO BOTH THE LANDSCAPE INSTALLATION AS WELL AS THE SITE GRADING CONSTRUCTION.
5. ONLY THE LOT GRADING SCHEME(S) IDENTIFIED ON THE APPROVED GRADING PLAN SHALL BE OFFERED TO THE INDIVIDUAL HOME BUYER FOR EACH LOT LISTED. PER THE FINAL SITE PLAN SUBMITTED CONCURRENTLY WITH THIS PLAN, PROPOSED LOT GRADING SCHEMES ARE AS FOLLOWS:
 - LOTS 103-114 - TYPE 'A' (FRONT DRAINING)
 - LOT 115-123 - TYPE 'C' (REAR DRAINING)
6. FOR LOTS WITH FULLY GRADED FRONT YARDS, CATCHMENT AREAS TO UTILIZE RAINWATER MUST BE ESTABLISHED FOR PLANT USE. AT A MINIMUM, DEPRESSIONS AND/OR WELLS MUST BE ESTABLISHED FOR ALL TREES.
7. THIS PROJECT IS DESIGNED TO COMPLY WITH THE REQUIREMENTS OF ZONING CODE SECTION 27.6.D.4.c THROUGH THE USE OF PASSIVE WATER HARVESTING BASINS IN COMMON AREAS AND FRONT YARDS. SITE CHARACTERISTICS PREVENT EIGHTY (80) PERCENT OF THE AREA WITHIN EACH LINEAR BUFFER YARD SEGMENT AND WITHIN COMMON AREAS TO BE GRADED TO A MINIMUM DEPTH OF FOUR (4) INCHES TO ENABLE COLLECTION OF RAINWATER, AS NOTED ON SHEET 2.



TYPICAL FRONT YARD WATER HARVESTING

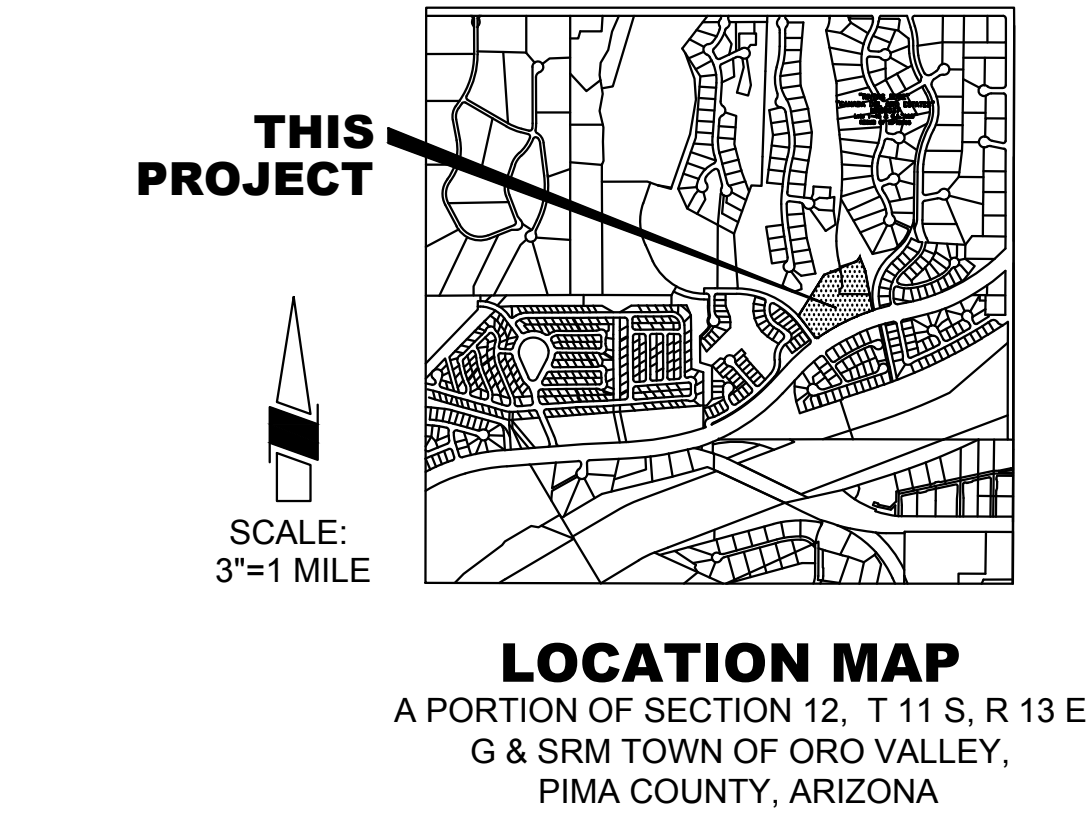


KEY MAP

SYMBOL LEGEND

- PROPERTY BOUNDARY
- LOT LINE
- BUILDING SETBACK
- EASEMENT
- TOP/TOE OF SLOPE
- GRADING LIMIT
- WATERSHED BOUNDARY
- PROPOSED SEWER LINE AND MANHOLE
- PROPOSED SEWER LINE AND CLEANOUT
- PROPOSED WATER LINE AND VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED WATER METER

1901060



PROJECT DIRECTORY:

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SHEET INDEX

SHT.	#	SHEET DESCRIPTION
RW-01	1	COVER SHEET
RW-02	2	RAINWATER HARVESTING PLAN

APPROVAL

TOWN ENGINEER DATE

PLANNING AND ZONING ADMINISTRATOR DATE

OV1801921
OV1600944, OV12-03-20
RIVERS EDGE (MELCOR) PLANNED AREA DEVELOPMENT #7

RW-01

RAINWATER HARVESTING PLAN FOR:

RIVER'S EDGE
LOTS 103-123

LOTS 103-123 AND COMMON AREAS 'A' & 'B-1' - B-3"
BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 12,
TOWNSHIP 12 SOUTH, RANGE 13 EAST, GILA & SALT RIVER MERIDIAN,
TOWN OF ORO VALLEY, PIMA COUNTY, ARIZONA.

1901060

HORIZ : 1" = 30'

VERT : N/A

SHEET 1 OF 2





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F:\4191_River's_Edge\Landscape\4191A-WTR HARVEST PLAN.dwg Plotted: Oct. 17, 2019

RAINWATER HARVESTING PLAN FOR:

RIVER'S EDGE

LOTS 103-123

LOTS 103-123 AND COMMON AREAS "A" & "B", 8.3"
BEING A PORTION OF THE SOUTHEAST QUARTER OF SECTION 12,
TOWNSHIP 12 SOUTH, RANGE 13 EAST, GILA & SALT RIVER MERIDIAN
TOWN OF ORO VALLEY, PIMA COUNTY, ARIZONA



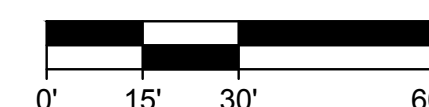
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CHICAGO • LOS ANGELES • SEATTLE • SAN JOSE • DALLAS • HOUSTON

DESIGNED BY: MEF	DATE: 10/19	CHECKED BY:	DATE:
DRAWN BY: MEF	DATE: 10/19	APPROVED BY:	DATE:

[illegible]

SCALE: 1" = 30'



RW-02

OV1801921
OV1600944, OV12-03-20
RIVERS EDGE (MELCOR) PLANNED AREA DEVELOPMENT #7

SHEET 2 OF 2