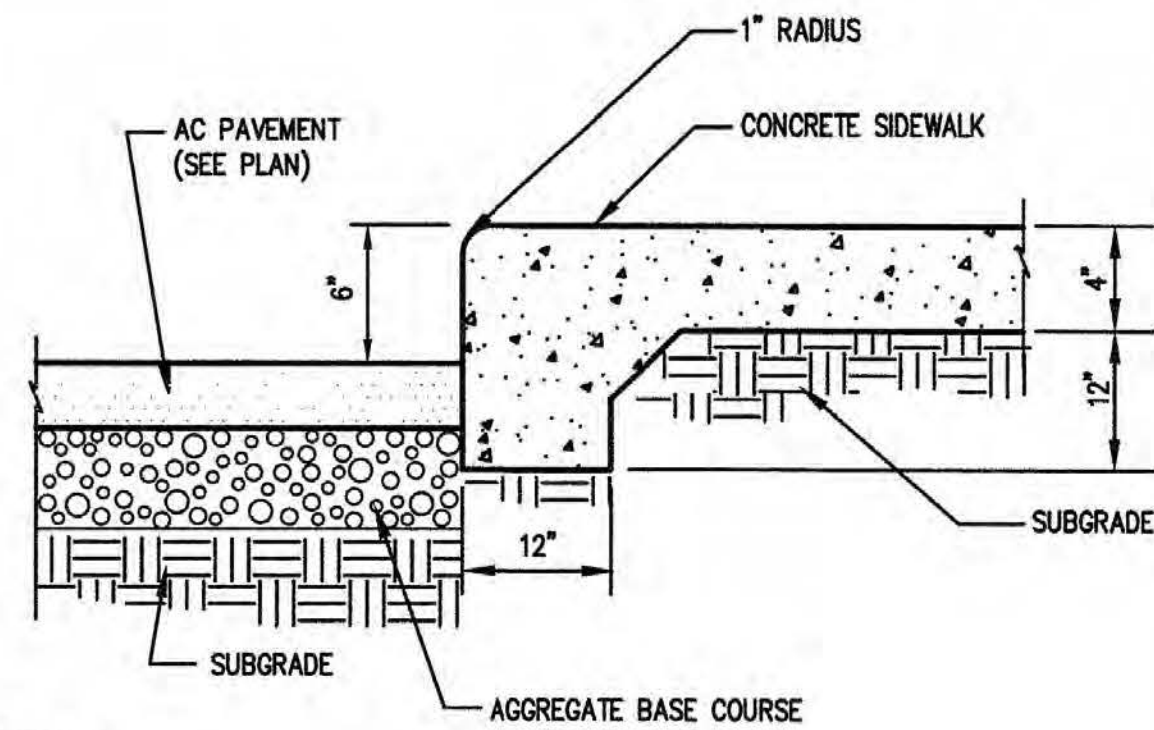
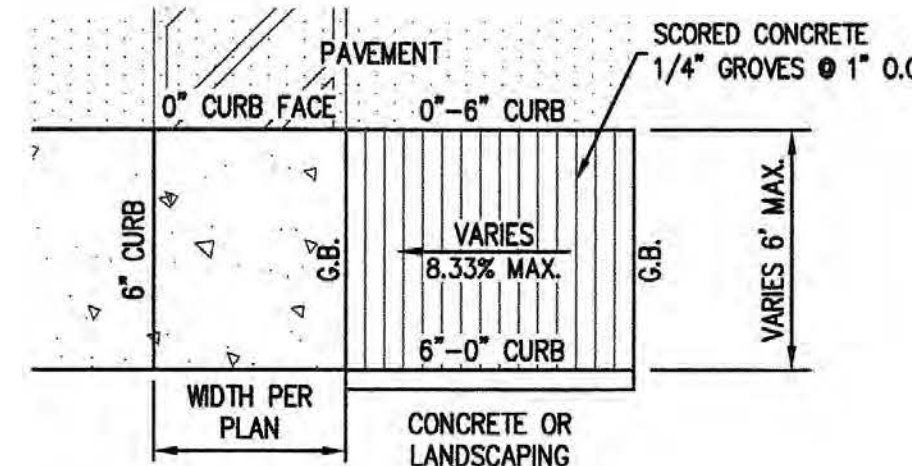


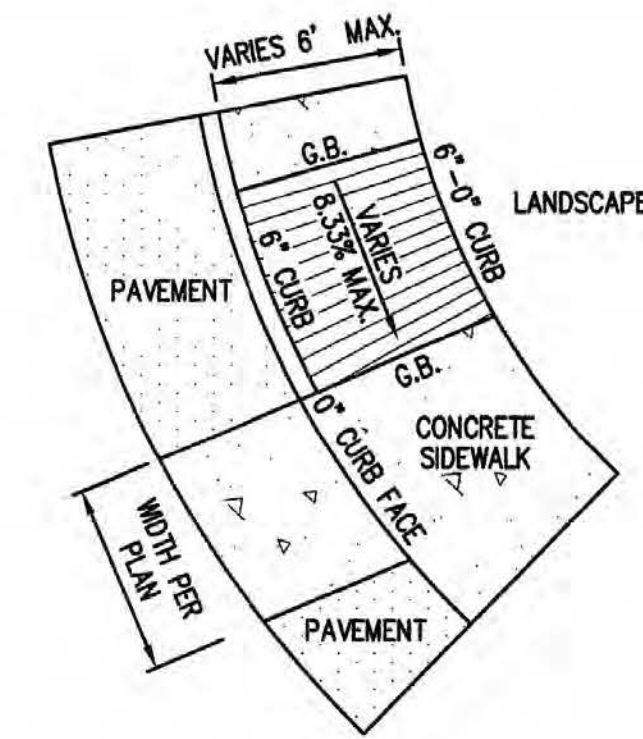
NOTE:
CONTROL JOINTS SHALL BE PLACED EVERY 5'-0"
O.C. W/ EXPANSION JOINTS EVERY 20'-0" O.C.



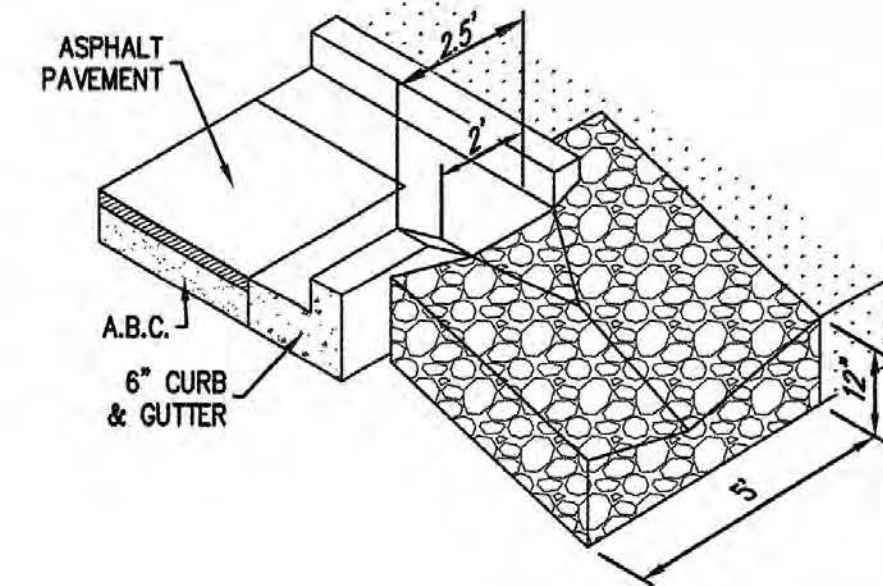
NOTE:
CONTROL JOINTS SHALL BE PLACED EVERY 5'-0"
O.C. W/ EXPANSION JOINTS EVERY 20'-0" O.C.



CASE A



CASE B



CURB OPENING W/ SPILLWAY

MONOLITHIC CURB/SIDEWALK (FLUSH)

4

MONOLITHIC CURB/SIDEWALK

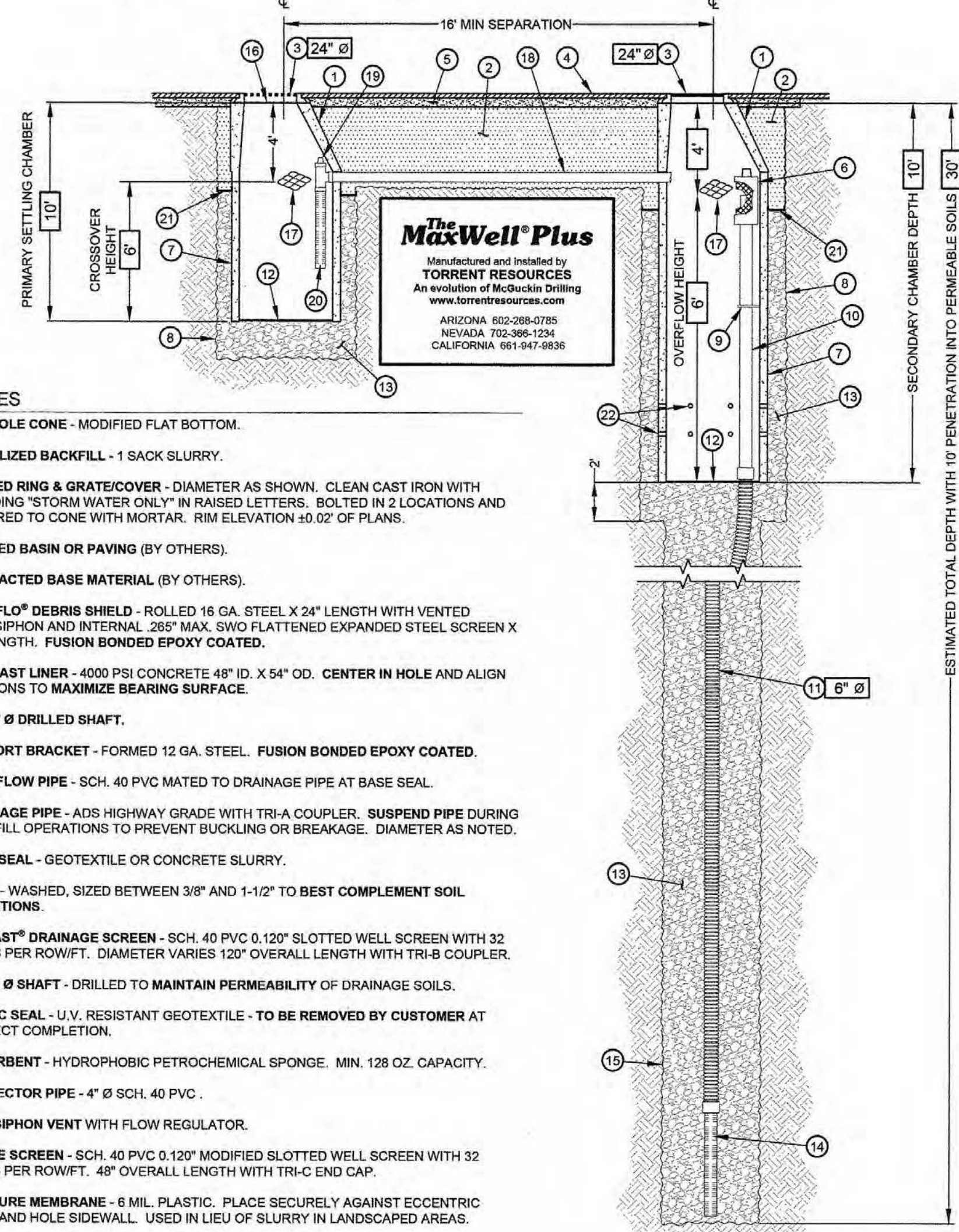
5

ADA CURB RAMP

6

7

The MaxWell® Plus Drainage System Detail And Specifications



- NOTES**
- MANHOLE CONE - MODIFIED FLAT BOTTOM.
 - STABILIZED BACKFILL - 1 SACK SLURRY.
 - BOLTED RING & GRATE/COVER - DIAMETER AS SHOWN. CLEAN CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS. BOLTED IN 2 LOCATIONS AND SECURED TO CONE WITH MORTAR. RIM ELEVATION ±0.02' OF PLANS.
 - GRADED BASIN OR PAVING (BY OTHERS).
 - COMPACTED BASE MATERIAL (BY OTHERS).
 - PUREFLO® DEBRIS SHIELD - ROLLED 16 GA. STEEL X 24" LENGTH WITH VENTED ANTI-SIPHON AND INTERNAL .265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN X 12" LENGTH. FUSION BONDED EPOXY COATED.
 - PRE-CAST LINER - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.
 - MIN. 6" Ø DRILLED SHAFT.
 - SUPPORT BRACKET - FORMED 12 GA. STEEL. FUSION BONDED EPOXY COATED.
 - OVERFLOW PIPE - SCH. 40 PVC MATED TO DRAINAGE PIPE AT BASE SEAL.
 - DRAINAGE PIPE - ADS HIGHWAY GRADE WITH TRI-A COUPLER. SUSPEND PIPE DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. DIAMETER AS NOTED.
 - BASE SEAL - GEOTEXTILE OR CONCRETE SLURRY.
 - ROCK - WASHED, SIZED BETWEEN 3/8" AND 1-1/2" TO BEST COMPLEMENT SOIL CONDITIONS.
 - FLOFAST® DRAINAGE SCREEN - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. DIAMETER VARIES 120" OVERALL LENGTH WITH TRI-B COUPLER.
 - MIN. 4" Ø SHAFT - DRILLED TO MAINTAIN PERMEABILITY OF DRAINAGE SOILS.
 - FABRIC SEAL - U.V. RESISTANT GEOTEXTILE - TO BE REMOVED BY CUSTOMER AT PROJECT COMPLETION.
 - ABSORBENT - HYDROPHOBIC PETROCHEMICAL SPONGE. MIN. 128 OZ. CAPACITY.
 - CONNECTOR PIPE - 4" Ø SCH. 40 PVC.
 - ANTI-SIPHON VENT WITH FLOW REGULATOR.
 - INTAKE SCREEN - SCH. 40 PVC 0.120" MODIFIED SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT. 48" OVERALL LENGTH WITH TRI-C END CAP.
 - MOISTURE MEMBRANE - 6 MIL. PLASTIC. PLACE SECURELY AGAINST ECCENTRIC CONE AND HOLE SIDEWALL. USED IN LIEU OF SLURRY IN LANDSCAPED AREAS.
 - EIGHT (8) PERFORATIONS PER FOOT, 2 ROWS MIN.

AZ Lic. R0027465 A, R0027467 B-4, ADRW303
CA Lic. 57690, C-42, HAZ
NY Lic. 020502 A - 184 Lic. 9054 GFD4
U.S. Patent No. 4,923,320 - Trademark 1974, 1990, 2004

AZ MAXWELL PLUS

DRYWELL

8

KIWAMI ON BELL
5327 W. BELL RD. GLENDALE, AZ 85306
GLENDALE, ARIZONA

DATE:

REVISIONS:

TITLE:
DETAILS

DATE: 11/27/2024

PROJ. #: 2082

C-5

5 of 6



DSD PROJECT # 222005