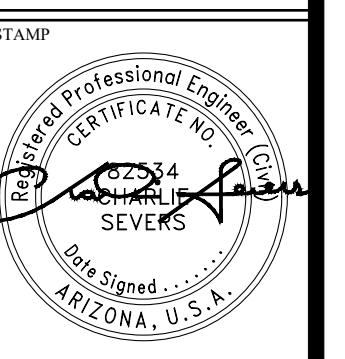


REVISIONS

PROJECT NO.
121044
DRAWN
C. DAHM
CHECKED
D. PHILLIPS
SUBMITTED DATES
OTB DATE
-

JSA CIVIL
Engineering | Planning | Management
111 TUMWATER BLVD SE, SUITE B203
TUMWATER, WA 98512



CRASH CHAMPIONS
COMMERCIAL DEVELOPMENT PROJECT
303 AUTOSHOW DRIVE
SURPRISE, ARIZONA

HillSide
architectural inc.

SHEET TITLE
STORMWATER PLAN

SHEET
C7.0
FSXX-XXXX

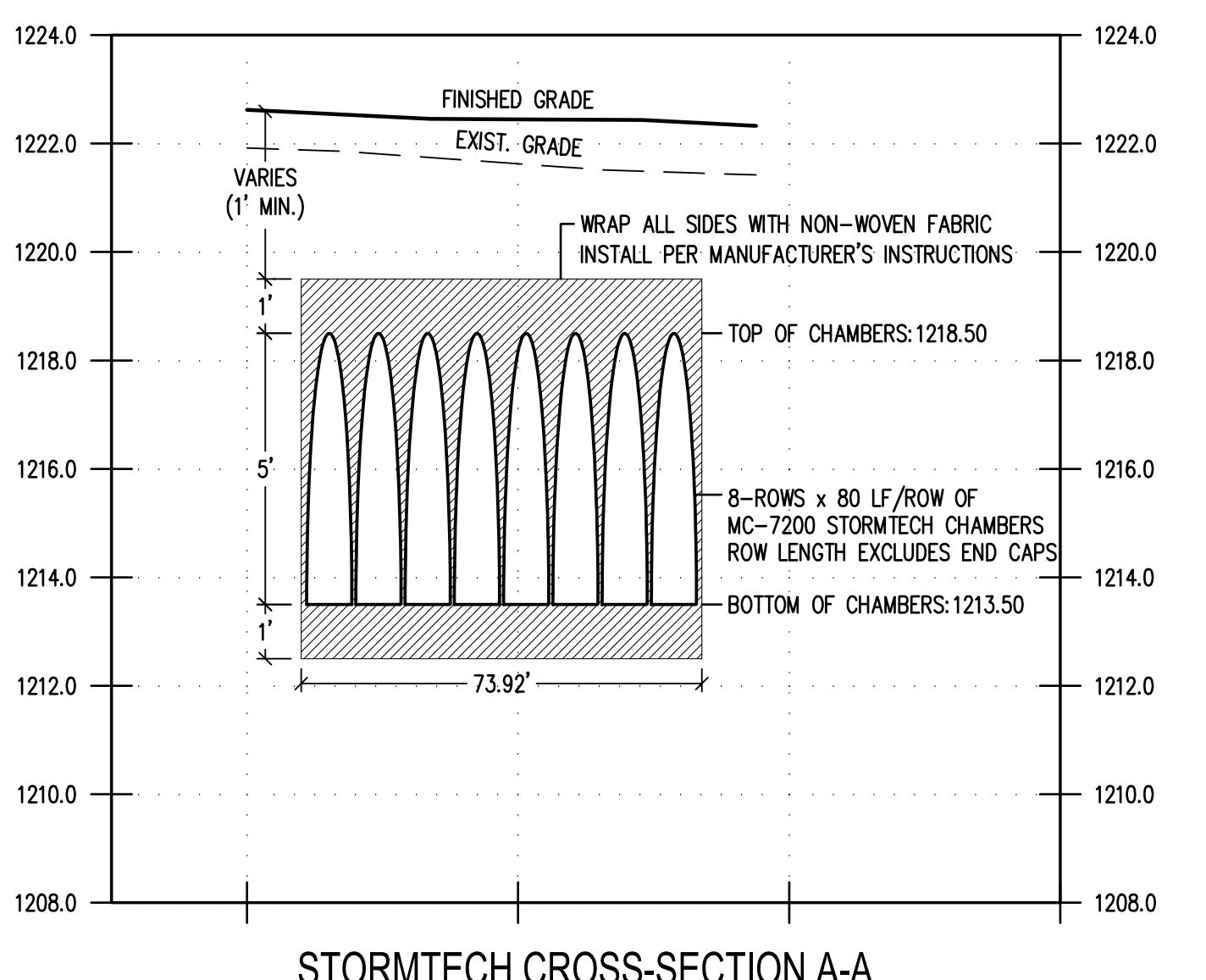
0 30 60
SCALE IN FEET

LEGEND

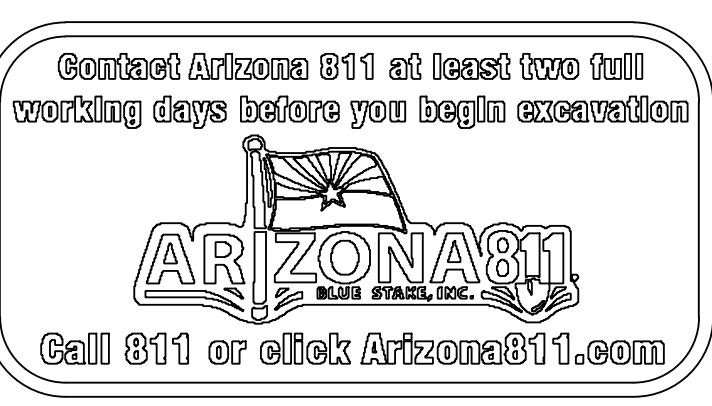
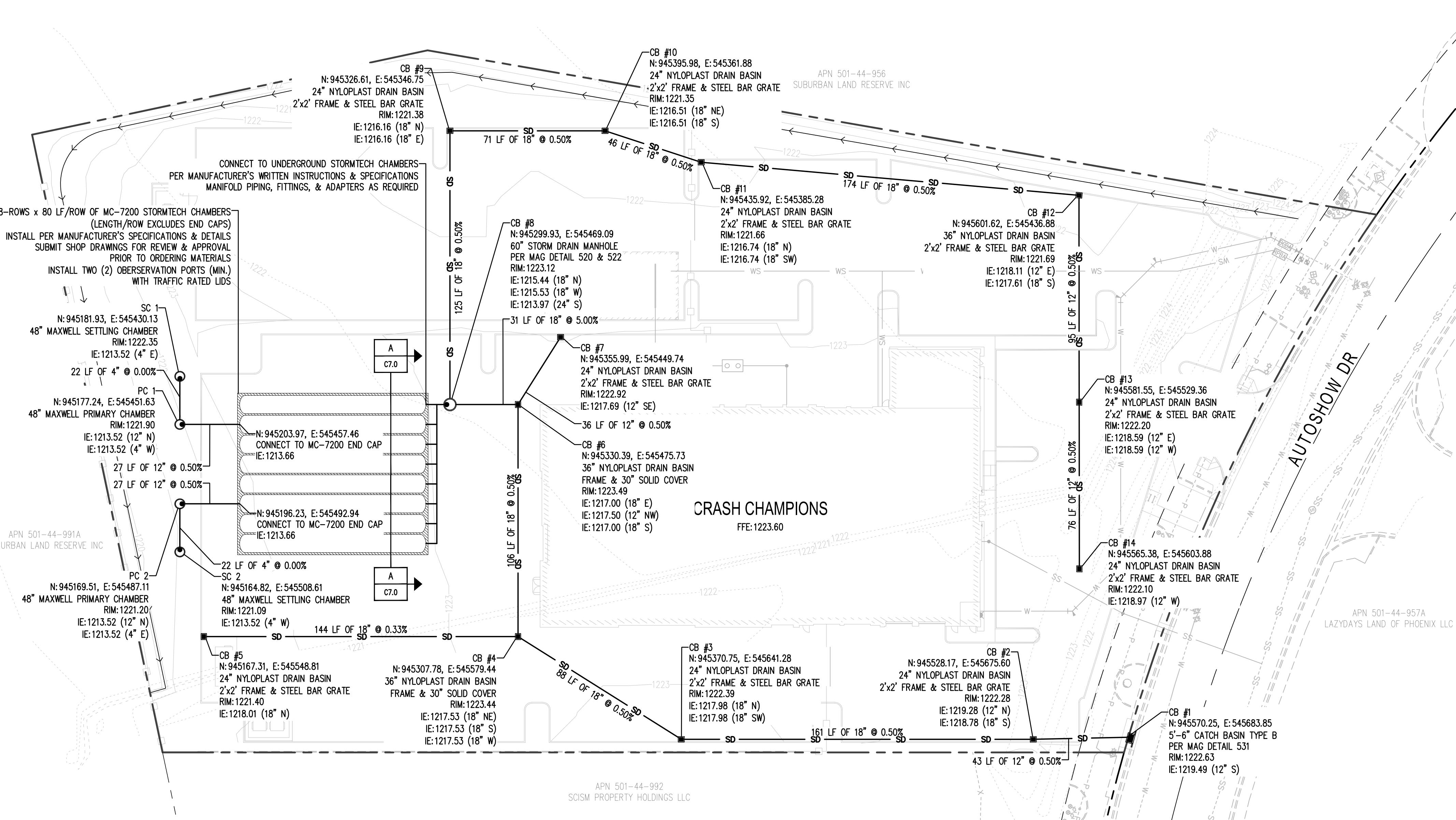
- PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING CURB & GUTTER
- PROPOSED BUILDING
- CEMENT CONCRETE BARRIER CURB
- WATER LINE
- WATER SERVICE LINE
- SEWER LINE
- SD ADS N-12 WT (WATER TIGHT) IB STORM LINE UNLESS OTHERWISE NOTED
- NYLOPLAST DRAIN BASIN: SEE C7.2 SIZE AS NOTED

GENERAL NOTES

- ALL UNDERGROUND STORAGE FACILITIES AND DISPOSAL FACILITIES SHOWN ON THIS PROJECT SHALL BE MAINTAINED BY THE OWNERS. THESE UNDERGROUND STORAGE FACILITIES SHALL BE MODIFIED, UPGRADED, OR REPLACED WITH SIMILAR OR OTHER APPROPRIATE DEVICES/MEASURES BY THE OWNERS WHEN THEY CEASE TO DRAIN THE WATER WITHIN A 36-HOUR PERIOD. REGULAR MAINTENANCE OF THE SILTING CHAMBER IS REQUIRED TO ACHIEVE THE BEST OPERATION OF THE DRYWELL/UNDERGROUND PERCOLATION CHAMBER(S).
- DURING SITE DEVELOPMENT, ALL DRYWELLS/UNDERGROUND PERCOLATION CHAMBERS SHALL BE SECURELY COVERED WITH FILTER CLOTH OR OTHER MATERIAL TO PREVENT THE INTRODUCTION OF EXCESSIVE SEDIMENT INTO THE SETTLING CHAMBER.
- STRUCTURES PC 1, PC 2, SC 1, AND SC 2 ARE PART OF A DRYWELL SYSTEM. THE DRYWELL SYSTEM SHALL BE A DUAL CHAMBER MAXWELL PLUS DRYWELL SYSTEM: SEE C7.2
- MATERIALS AND METHODS FOR THE DRYWELL CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, PRECAST CONCRETE COMPONENTS, CASTINGS, ROCK BACKFILL, PIPE, DRAINAGE SCREEN, AND ALL OTHER COMPONENTS REQUIRED TO CONSTRUCT THE DRYWELLS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR MAXWELL PLUS DRYWELLS BY TORRENT RESOURCES, INC.
- THE CONTRACTOR SHALL EMPLOY, AT THE CONTRACTOR'S EXPENSE A QUALIFIED, LICENSED CONTRACTOR TO CONSTRUCT AND INSTALL THE DRYWELLS WHICH SHALL BE TORRENT RESOURCES, INC., CALIFORNIA OR A PRIOR APPROVED A-GENERAL ENGINEERING CONTRACTOR WITH NOT LESS THAN THREE SUCCESSFULLY COMPLETED CONTRACTS WITH SIMILAR SOIL CONDITIONS, DEPTHS AND VOLUMES OF WORK CONTAINED IN THIS PROJECT. SUBMIT SATISFACTORY COMPLIANCE TO OWNER PRIOR TO ISSUANCE OF CONTRACT.
- THE DRYWELLS SHALL BE CONSTRUCTED TO A FINAL DEPTH THAT PENETRATES, AT A MINIMUM, TEN FEET INTO CLEAN PERMEABLE POROUS SOILS TO THE TERMINATION OF THE WELL.
- THE DRYWELLS SHALL BE DRILLED TO A SUFFICIENT DEPTH TO ACHIEVE A PERCOLATION RATE OF 0.1 CFS OR GREATER.



STORMTECH CROSS-SECTION A-A



CALL BEFORE YOU DIG

The contractor shall be fully responsible for the location and protection of all existing utilities. The contractor shall verify all utility locations prior to construction by calling the underground locate line at 811 a minimum of 48 hours prior to any excavation.