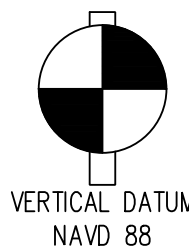


Mar 13, 2025 2:12:16pm - User: Ciaradahn
N:\V - PROJECTS\121.044 HILLSIDE ARCHITECTURE\121.044 CRASH CHAMPIONS SURPRISE, AZ\CAD\121.044 SD-01.DWG

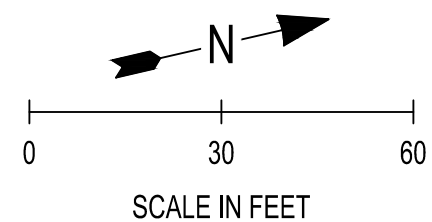
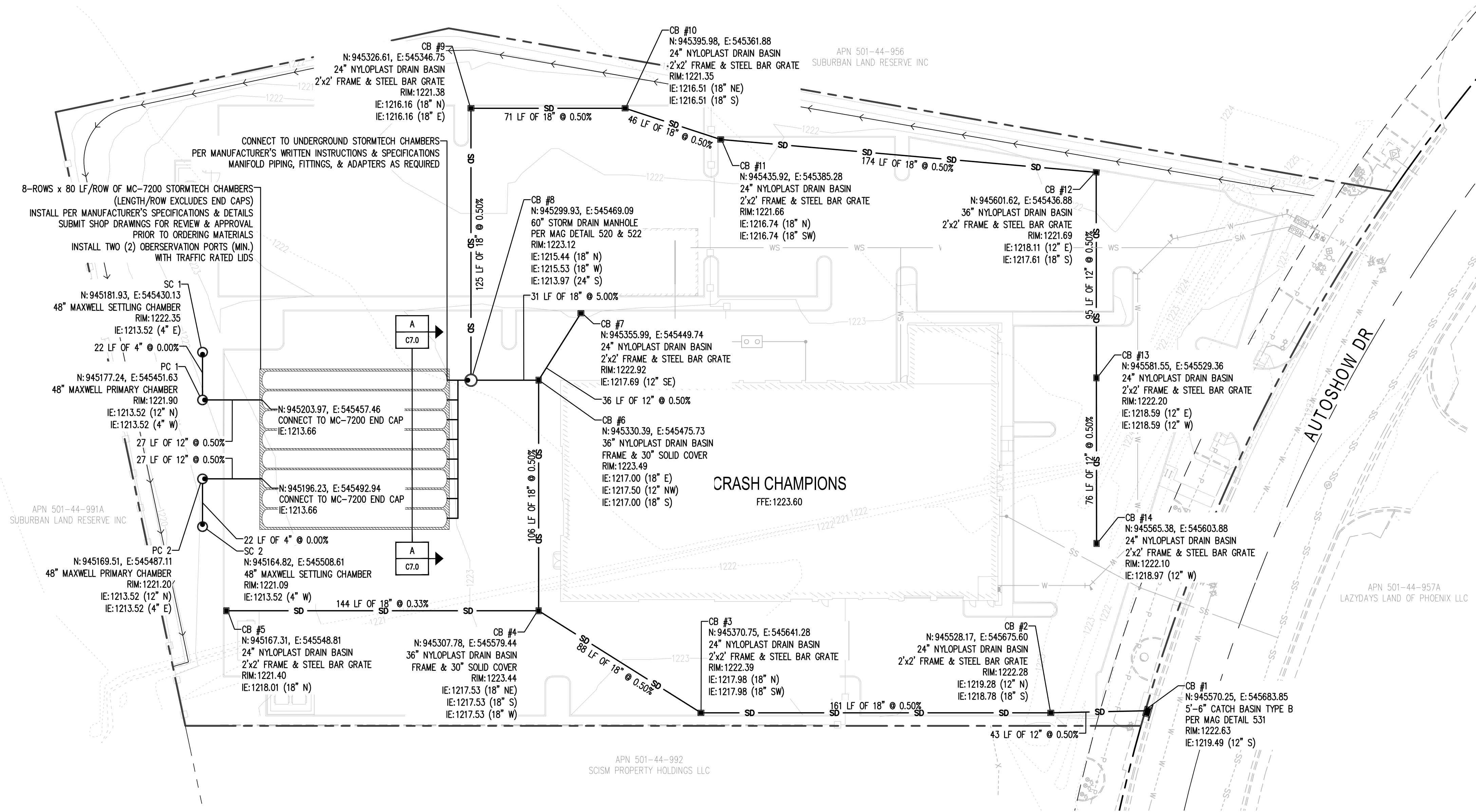


CALL BEFORE YOU DIG

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.



001 C7.0 STORMWATER PLAN

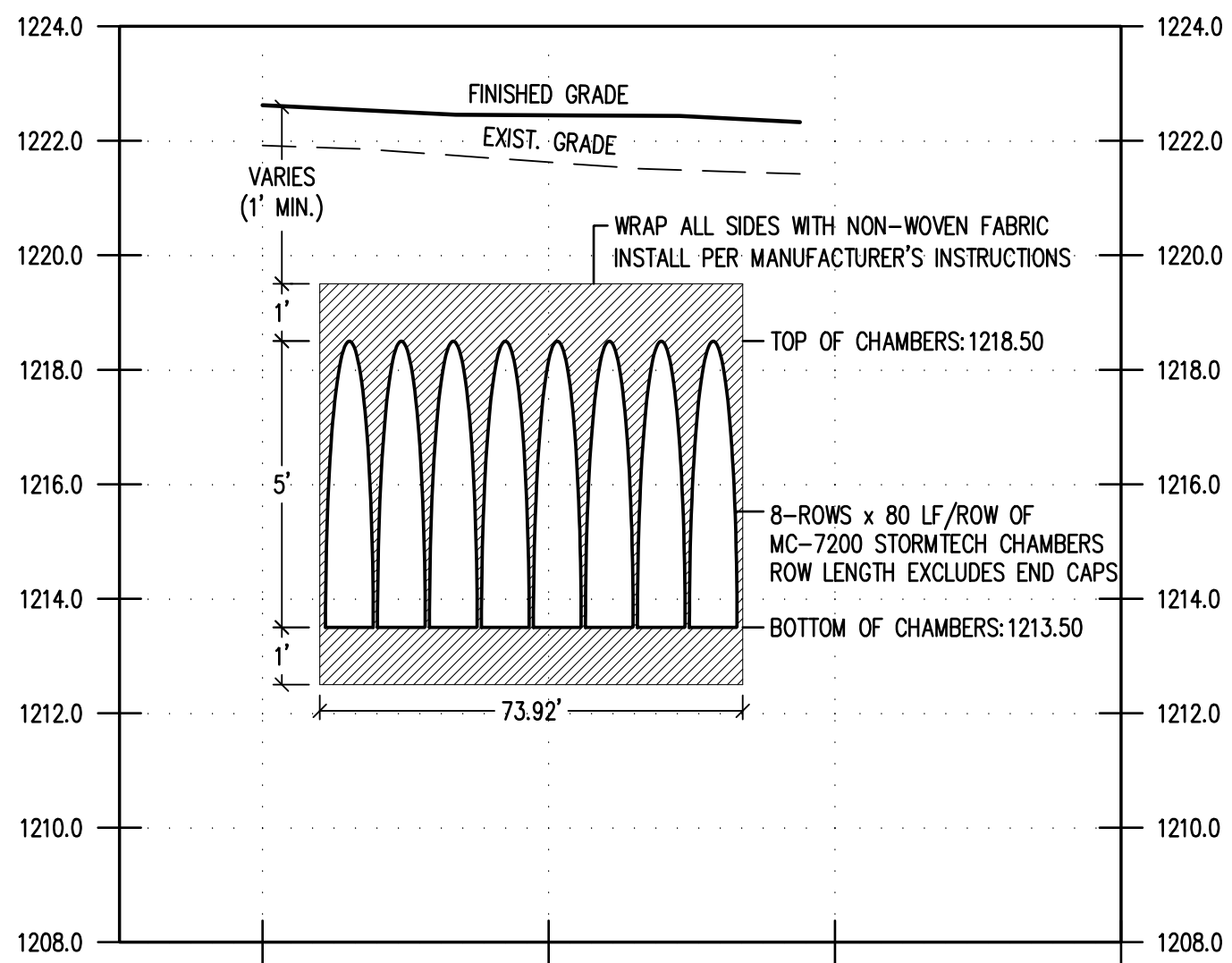


LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING CURB & GUTTER
- PROPOSED BUILDING
- CEMENT CONCRETE BARRIER CURB
- W WATER LINE
- WS WATER SERVICE LINE
- SS 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

REVISIONS	
PROJECT NO.	121.044
DRAWN	C. DAHM
CHECKED	D. PHILLIPS
SUBMITTAL DATES	
OTB DATE	
JSA CIVIL Engineering Planning Management 111 TUMWATER BLVD SE, SUITE B203 TUMWATER, WA 98512	
STAMP	
03/10/2025	
CRASH CHAMPIONS COMMERCIAL DEVELOPMENT PROJECT 303 AUTOSHOW DRIVE SURPRISE, ARIZONA	
SHEET TITLE	
STORMWATER PLAN	
SHEET	
C7.0	
FSXX-XXXX	