

STARLIGHT SOLAR

COUNTY OF SAN DIEGO, CA

PRELIMINARY GRADING PLAN

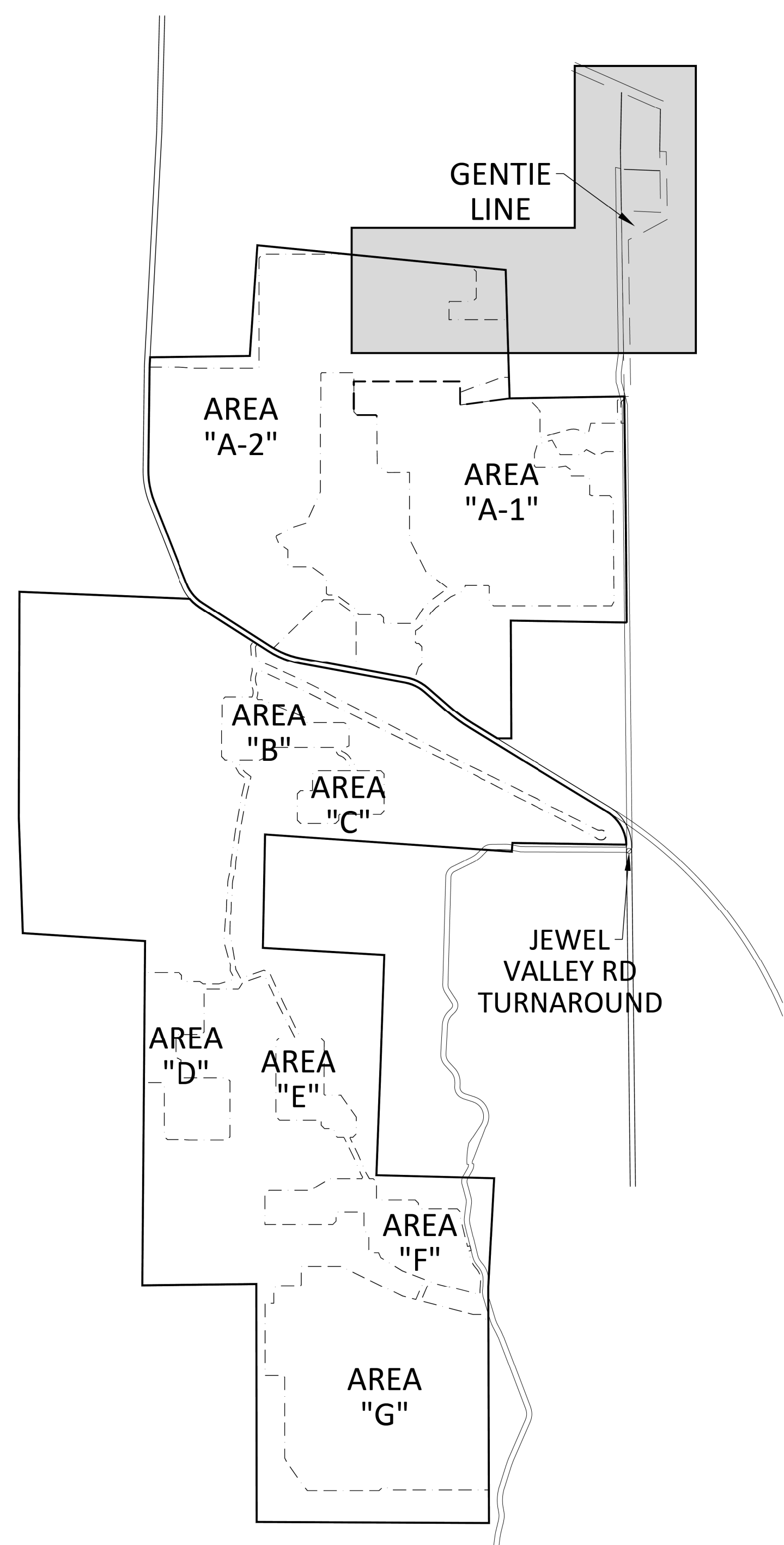


Table 1 – Baseline BMPs for Existing and Proposed Site Features

A. BMPs for Existing Natural Site Features (See Fact Sheet BL-1)			
1. Check the boxes below for each existing feature on the site.		2. Select the BMPs to be implemented for each identified feature. Explain why any BMP not selected is infeasible in Table 4.	
<input type="checkbox"/> Natural waterbodies		<input type="checkbox"/> Conserve natural features (SD-G)	<input type="checkbox"/> Provide buffers around waterbodies (SD-II)
<input checked="" type="checkbox"/> Natural storage reservoirs & drainage corridors		<input checked="" type="checkbox"/>	---
<input checked="" type="checkbox"/> Natural areas, soils, & vegetation (incl. trees)		<input checked="" type="checkbox"/>	---
B. BMPs for Common Impervious Outdoor Site Features (See Fact Sheet BL-2)			
1. Check the boxes below for each proposed feature.		2. Select the BMPs to be implemented for each proposed feature. If neither BMP SD-B nor SD-I is selected for a feature, explain why both BMPs are infeasible in Table 4.	
<input checked="" type="checkbox"/> Streets and roads	<input type="checkbox"/>	<input checked="" type="checkbox"/> a. Direct runoff to pervious areas (SD-B)	<input checked="" type="checkbox"/> b. Construct surfaces from permeable materials (SD-I)
<input type="checkbox"/> Sidewalks & walkways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> c. Minimize the size of impervious areas
<input type="checkbox"/> Parking areas & lots	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Check this box to confirm that all impervious areas on the site will be minimized where feasible.
<input checked="" type="checkbox"/> Driveways	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If this box is not checked, identify the surfaces that cannot be minimized in Table 4, and explain why it is infeasible to do so.
<input type="checkbox"/> Patios, decks, & courtyards	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Hardcourt recreation areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Other:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. <input checked="" type="checkbox"/> BMPs for Rooftop Areas: Check this box if rooftop areas are proposed and select at least one BMP below. (See Fact Sheet BL-3)			
If no BMPs are selected, explain why they are infeasible in Table 4.			
1. Direct runoff to pervious areas (SD-B)		2. Install green roofs (SD-C)	
<input checked="" type="checkbox"/>		<input type="checkbox"/>	
		3. Install rain barrels (SD-E)	
		<input type="checkbox"/>	
D. <input type="checkbox"/> BMPs for Landscaped Areas: Check this box if landscaping is proposed and select at least one BMP below. (See Fact Sheet BL-4)			
If no BMPs are selected, explain why they are infeasible in Table 4.			
1. Sustainable Landscaping (SD-K)			
<input type="checkbox"/>			

Notes: All features and BMPs must be shown on applicable construction plans. See applicable Fact Sheets in Appendix C of the BMP Design Manual for additional information.
Notes: Use Table 4 to explain BMP infeasibility or inapplicability, or to describe features or BMPs not listed in this table. Additional explanation may be required by the County.

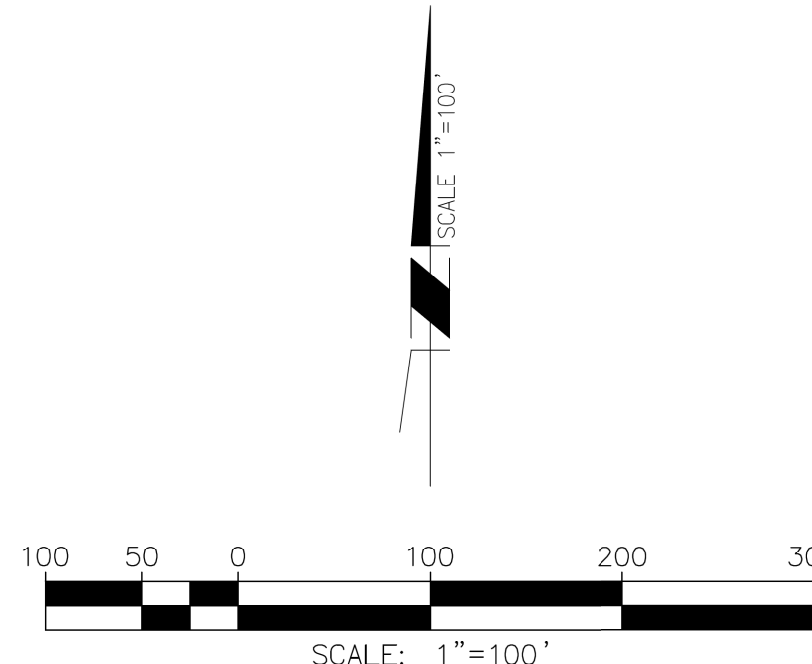
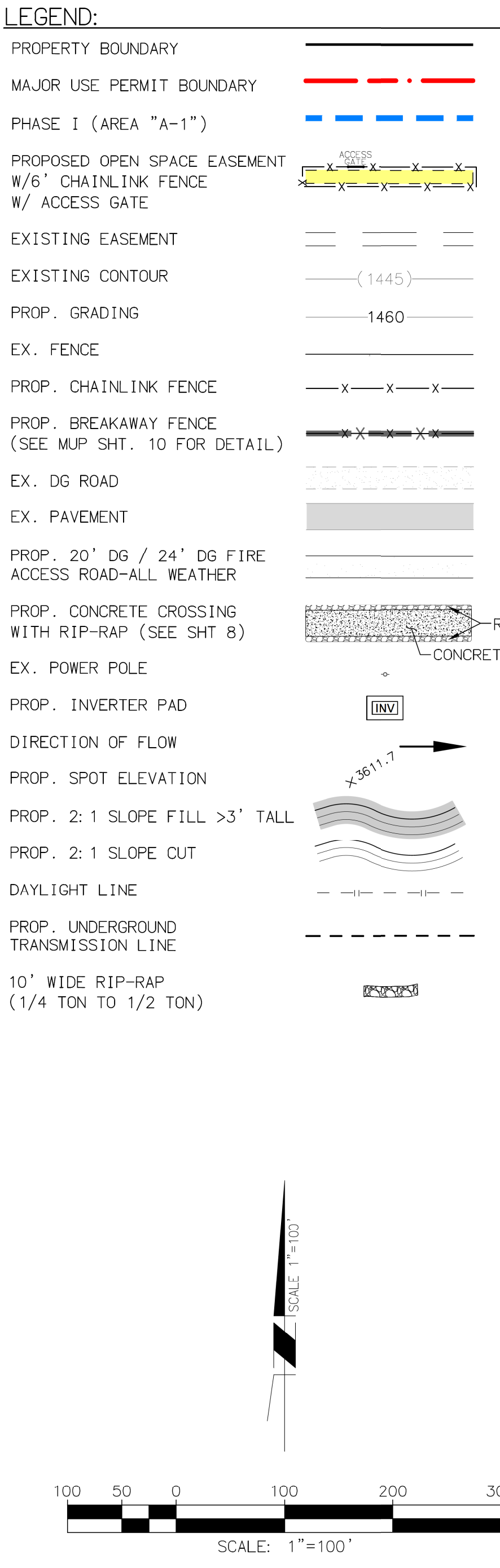
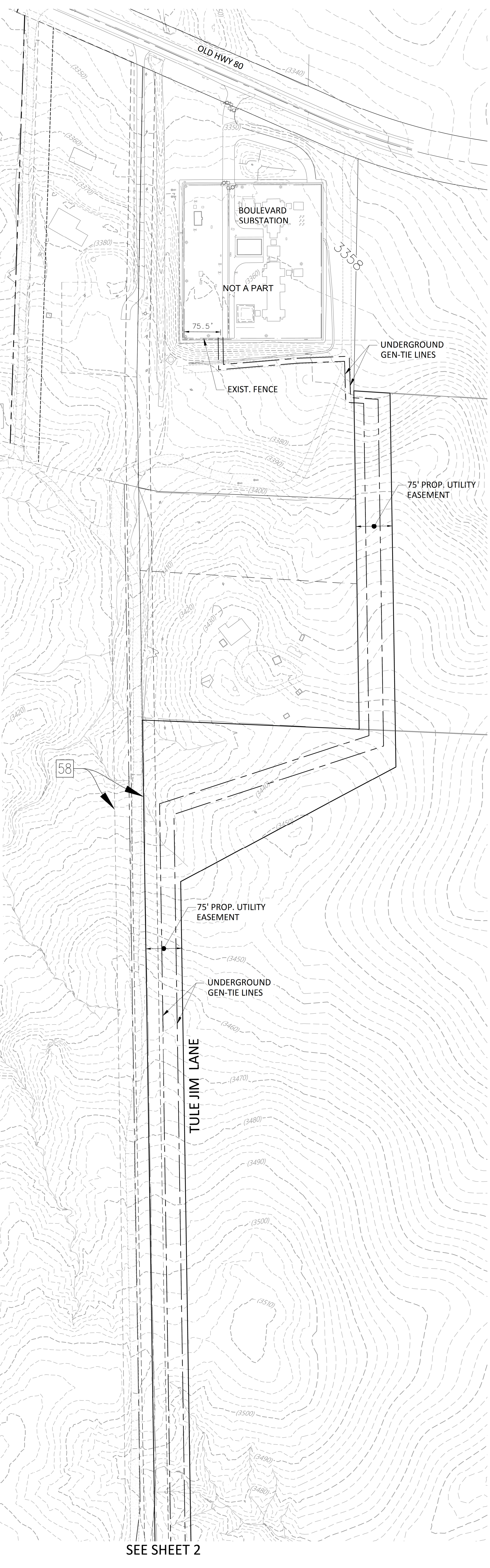
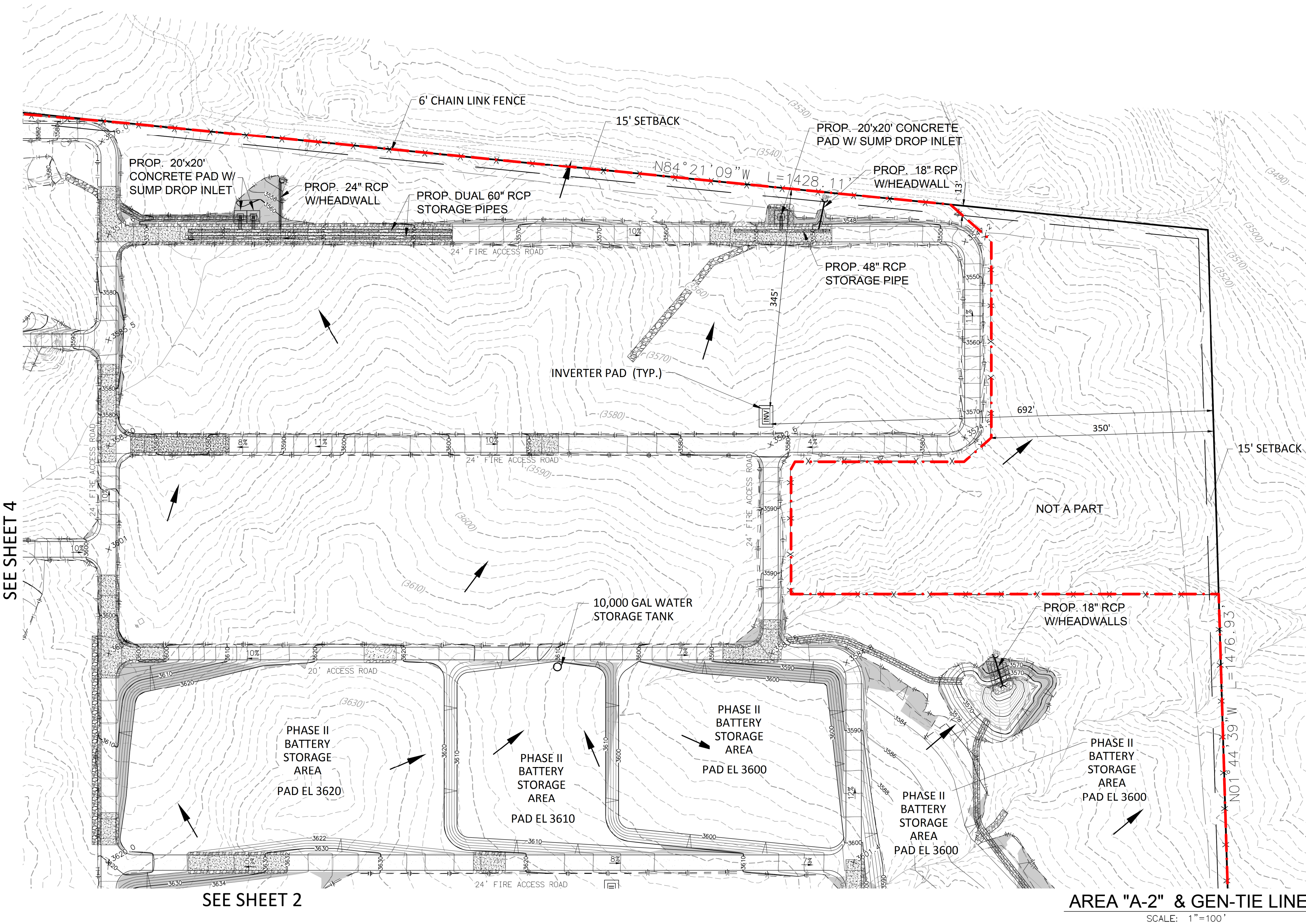
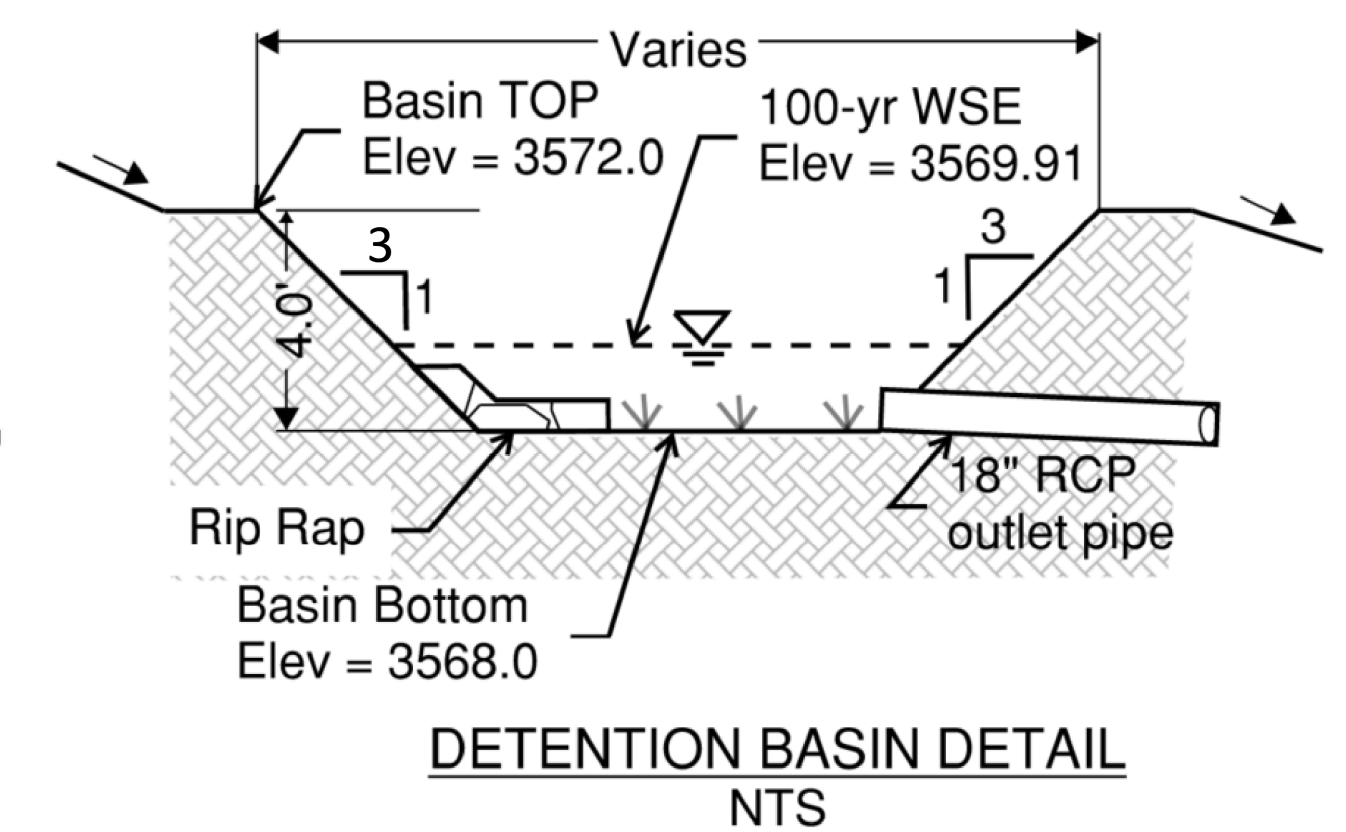
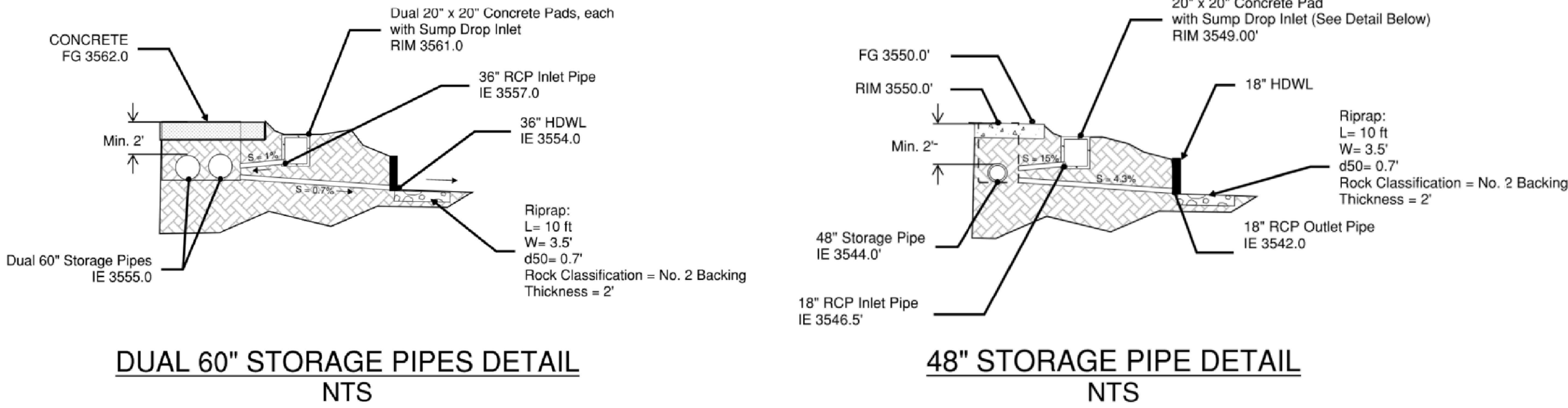
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Table 3 – Minimum Construction Stormwater BMPs

Minimum Required BMPs by Activity Type		References	
Select all applicable activities and at least one BMP for each		Caltrans ⁵	County of San Diego
<input checked="" type="checkbox"/> Erosion Control for Disturbed Slopes (choose at least 1 per season) <input type="checkbox"/> Vegetation Stabilization Plantings (Summer) <input checked="" type="checkbox"/> Hydraulic Stabilization Hydroseeding (Summer) <input checked="" type="checkbox"/> Bonded Fiber Matrix or Stabilized Fiber Matrix (Winter) <input type="checkbox"/> Physical Stabilization Erosion Control Blanket (Winter)		SS-2, SS-4 SS-4 SS-3 SS-7	
<input checked="" type="checkbox"/> Erosion control for disturbed flat areas (slope < 5%) <input checked="" type="checkbox"/> County Standard Lot Perimeter Protection Detail <input checked="" type="checkbox"/> Use of Item A erosion control measures on flat areas <input checked="" type="checkbox"/> County Standard Desilting Basin (must treat all site runoff) <input checked="" type="checkbox"/> Mulch, straw, wood chips, soil application		SC-2 SS-3, SS-4, SS-7 SC-2 SS-6, SS-8	PDS 659 ⁶ PDS 660 ⁷
<input type="checkbox"/> Energy dissipation (required to control velocity for concentrated runoff or dewatering discharge) <input type="checkbox"/> Energy Dissipater Outlet Protection		SS-10	RSD D-40 ¹⁰
<input checked="" type="checkbox"/> Sediment control for all disturbed areas <input checked="" type="checkbox"/> Silt Fence <input checked="" type="checkbox"/> Fiber Rolls (Straw Wattles) <input checked="" type="checkbox"/> Gravel & Sand Bags <input type="checkbox"/> Dewatering Filtration <input type="checkbox"/> Storm Drain Inlet Protection <input checked="" type="checkbox"/> Engineered Desilting Basin (sized for 10-year flow)		SC-1 SC-5 SC-6, SC-8 NS-2 SC-10 SC-2	
<input checked="" type="checkbox"/> Preventing offsite tracking of sediment <input checked="" type="checkbox"/> Stabilized Construction Entrance <input checked="" type="checkbox"/> Construction Road Stabilization <input checked="" type="checkbox"/> Entrance/Exit Tire Wash <input checked="" type="checkbox"/> Entrance/Exit Inspection & Cleaning Facility <input checked="" type="checkbox"/> Street Sweeping and Vacuuming		TC-1 TC-2 TC-3 TC-1 SC-7	
<input checked="" type="checkbox"/> Materials Management <input checked="" type="checkbox"/> Material Delivery & Storage <input checked="" type="checkbox"/> Spill Prevention and Control		WM-1 WM-4	
<input checked="" type="checkbox"/> Waste Management <input checked="" type="checkbox"/> Waste Management Concrete Waste Management <input checked="" type="checkbox"/> Solid Waste Management <input checked="" type="checkbox"/> Sanitary Waste Management <input checked="" type="checkbox"/> Hazardous Waste Management		WM-8 WM-5 WM-9 WM-6	

⁵ See Caltrans 2017 Construction Site Best Management Practices (BMP) Manual available at: <https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks>
⁶ Planting or Hydroseeding may be installed between May 1st and August 15th. Slope irrigation must be in place and operable for slopes > 3 feet. Vegetation must be watered and established prior to October 1st. A contingency physical BMP must be implemented by August 15th if vegetation is not established by that date. If landscaping is proposed, erosion control measures must also be used while landscaping is being established. Established vegetation must have a subsurface mat of intertwined mature roots with a uniform vegetative coverage of 70 percent of the natural vegetative coverage or more on all disturbed areas.
⁷ All slopes over three feet must have established vegetative cover prior to final permit approval.
⁸ County PDS 659, Standard Lot Perimeter Protection Design System (Bldg. Division)
⁹ County PDS 660, County Standard Desilting Basin for Disturbed Areas of 1 Acre or Less Bldg. Division
¹⁰ Regional Standard Drawing D-40 – Rip Rap Energy Dissipater (also acceptable for velocity reduction)
¹¹ Applicants are responsible to apply appropriate BMPs for specific wastes (e.g., BMP WM-8 for concrete).

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SHEET 3 OF 9
MARCH 15, 2024
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AREA "A-2"