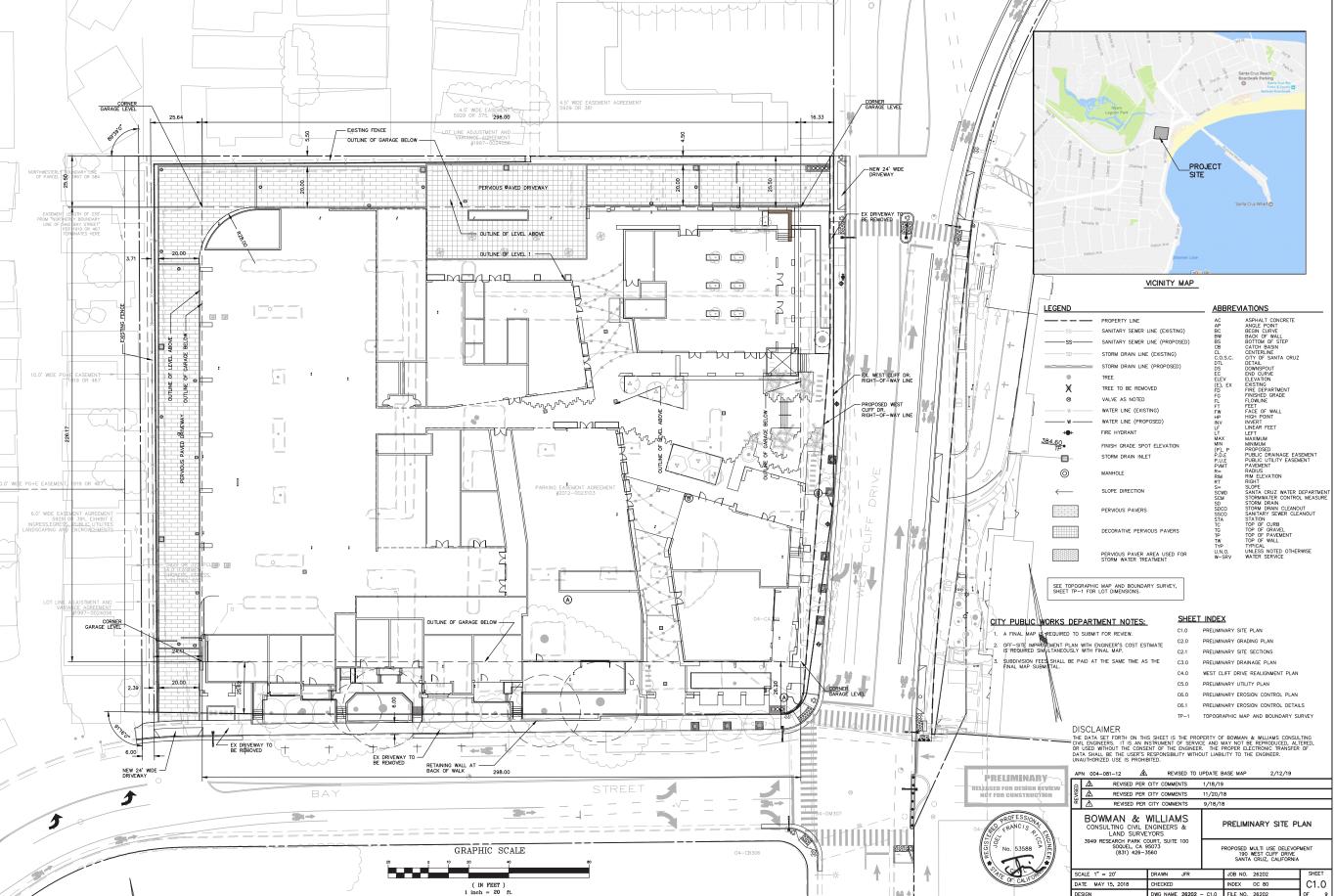
04 CIVIL

- A. PRELIMINARY SITE PLAN
- **B. PRELIMINARY GRADING PLAN**
- **C. PRELIMINARY SITE SECTIONS**
- D. PRELIMINARY DRAINAGE PLAN
- E. PRELIMINARY REALIGNMENT PLAN
- F. PRELIMINARY UTILITY PLAN
- G. PRELIMINARY EROSION CONTROL PLAN
- H. PRELIMINARY EROSION CONTROL DETAIL
- I. TOPOGRAPHY MAP & BOUNDARY SURVEY
- J. FIRE TRUCK TURNING CLIFF DR./BAY ST. ROUNDABOUT PLAN
- K. 40 FOOT TRUCK TURNING CLIFF DR./BAY ST. ROUNDABOUT PLAN
- L. 45 FOOT BUS TURNING CLIFF DR./BAY ST. ROUNDABOUT PLAN
- M. 40 FOOT BUS TURNING CLIFF DR./BAY ST. ROUNDABOUT PLAN
- N. TRACTOR TRAILER TURNING CLIFF DR./BAY ST. ROUNDABOUT PLAN



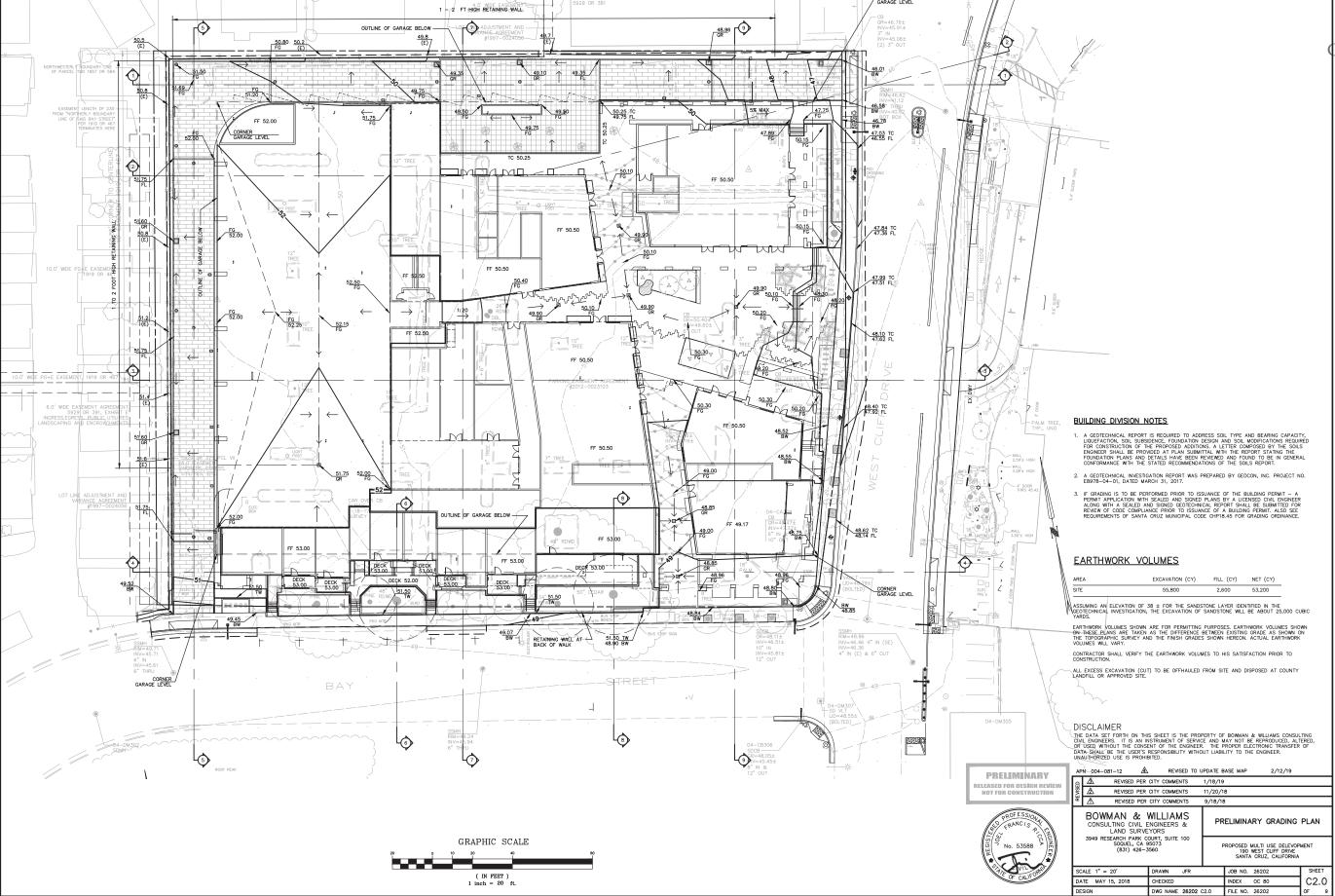






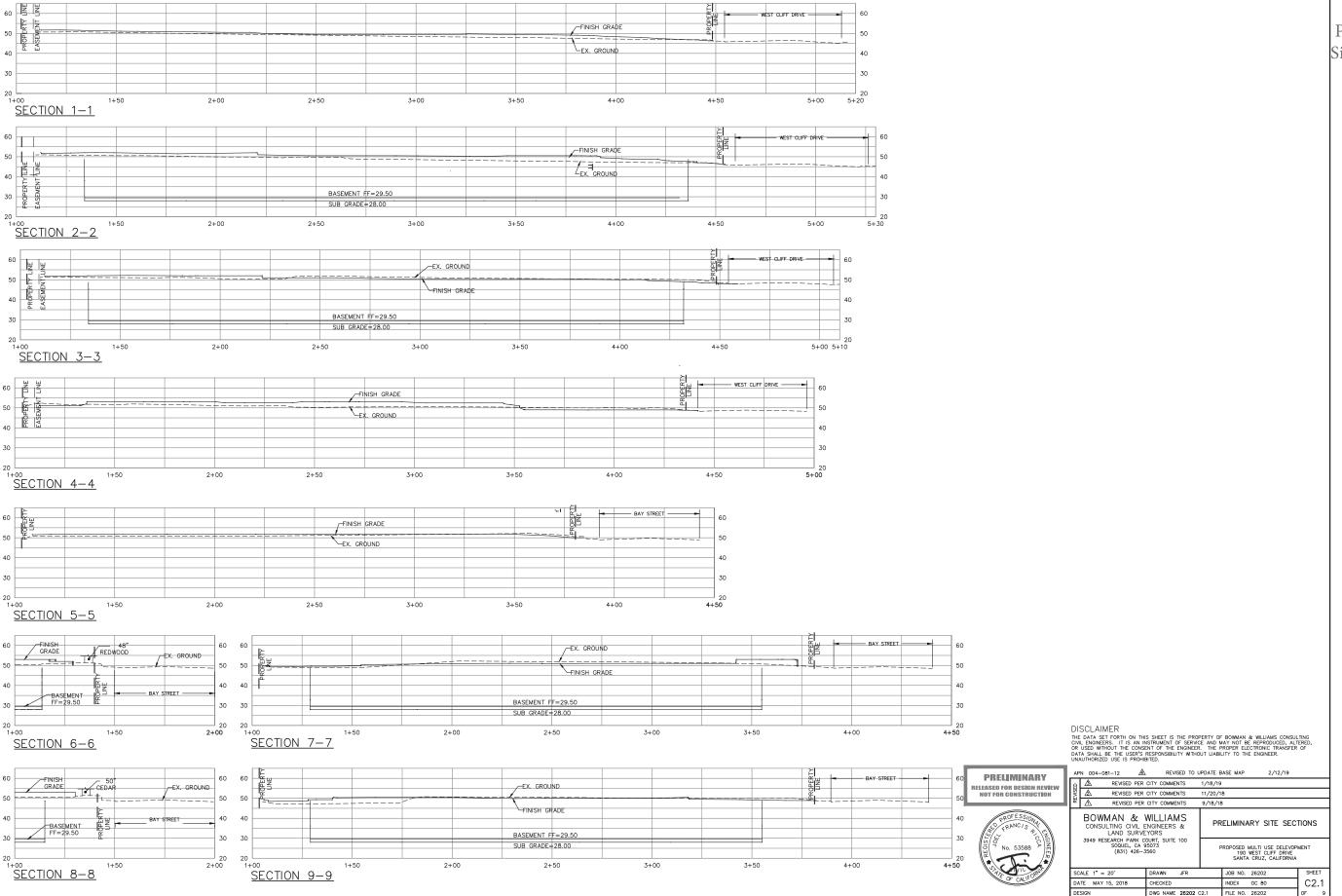


Preliminary Grading Plan



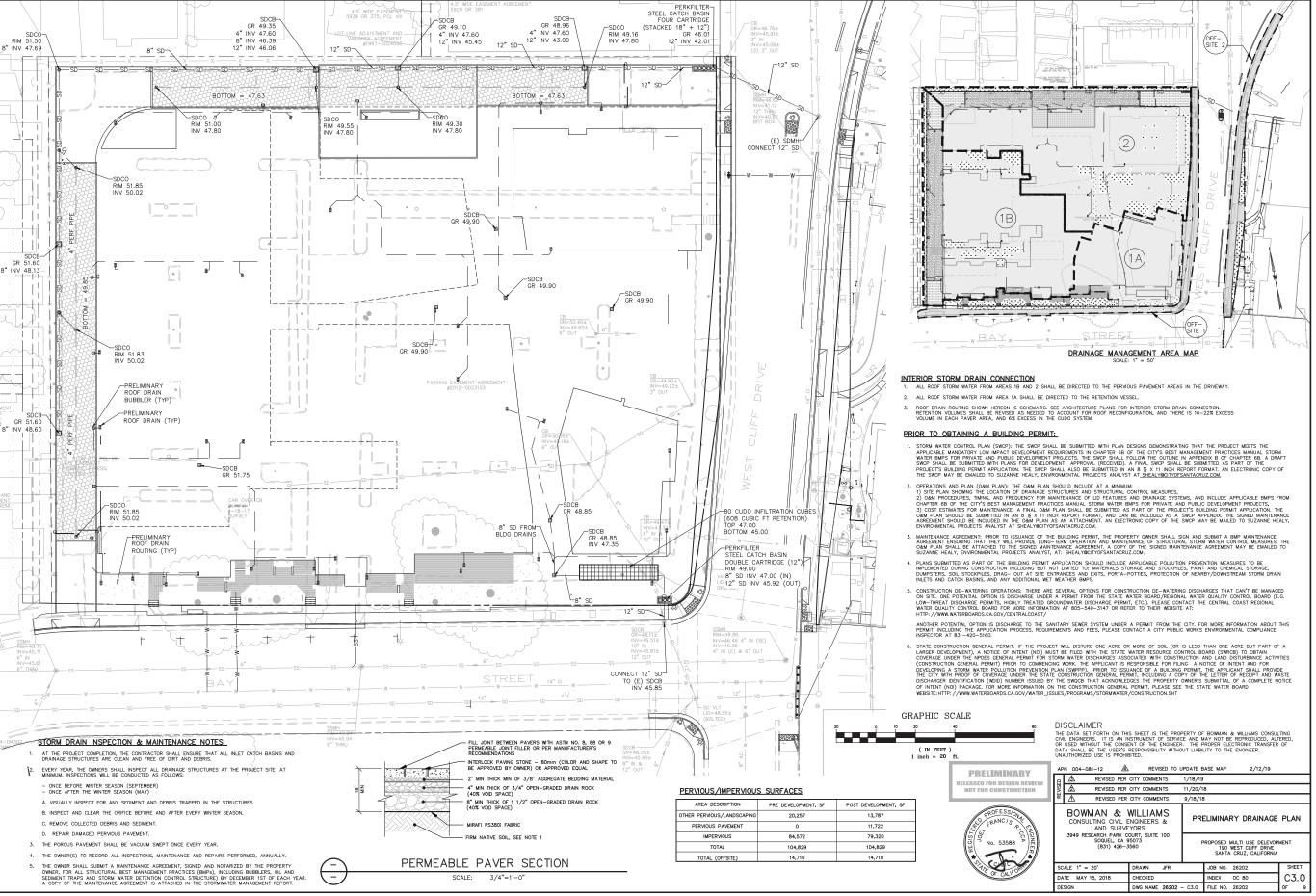












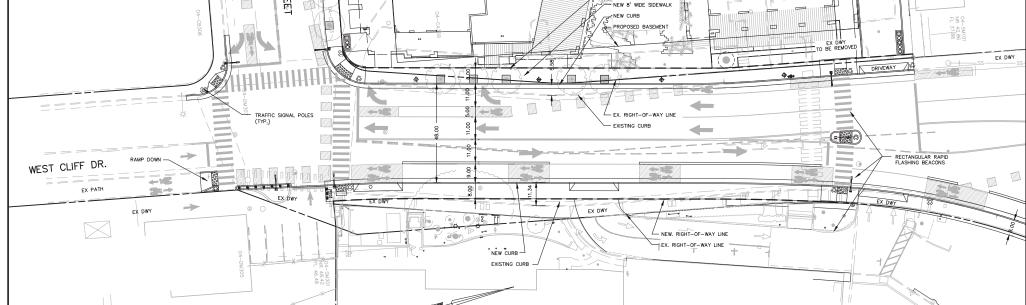




-Signalized Inersection

Plan

ITEMS TO BE ADDRESSED AT THE BUILDING PERMIT PHASE:





190 WEST CLIFF DR. GRAPHIC SCALE (IN FEET) 1 inch = 20 ft. WEST CLIFF DR. TYPICAL SECTION DISCLAIMER
THE DATA SET FORTH ON THIS SHEET IS THE PROPERTY OF BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS. IT IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPROJUCED, ALTERED OR USED WITHOUT THE CONSENT OF THE REQUISER. THE PROPER ELECTRONIC TRANSFER OF DATA SHALL BE THE USER'S RESPONSIBILITY WITHOUT LIABILITY TO THE ENGINEER. UNAUTHORIZED USE IS PROHIBITED.

	AP	N 004-081-12	A	REVISED	TO UPDA	E BASE	MAP	2/12/19
EW	SED	⚠ REVIS	SED PER CITY	COMMENTS	1/18	/19		
1	1151	A REVIS	ED PER CITY	COMMENTS	11/2	0/18		
_	Ä	⚠ REVIS	SED PER CITY	COMMENTS	9/1	B/18		
N		BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS & LAND SURVEYORS						DR. REALIGNMENT PLAN D INTERSECTION
		3949 RESEARCH SOQU (831			PROF	190 W	ULTI USE DELEVOPMENT JEST CLIFF DRIVE CRUZ, CALIFORNIA	

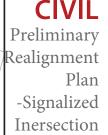
SCALE 1" = 20'	DRAWN JFR	JOB NO. 26202	SHEET
DATE MAY 15, 2018	CHECKED	INDEX OC 80	C4.0
DESIGN	DWG NAME 26202 C4.0	FILE NO. 26202	OF 9





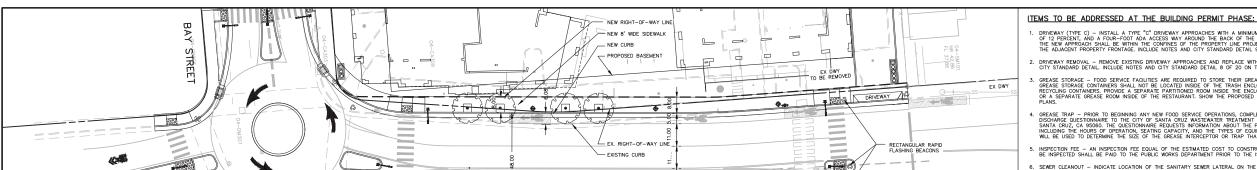
PRELIMINARY

175 WEST CLIFF DR.











190 WEST CLIFF DR. GRAPHIC SCALE (IN FEET) 1 inch = 20 ft. WEST CLIFF DR. TYPICAL SECTION

DISCLAIMER
THE DATA SET FORTH ON THIS SHEET IS THE PROPERTY OF BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS. IT IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPROJUCED, ALTERED OR USED WITHOUT THE CONSENT OF THE REQUIRET. THE PROPER ELECTRONIC TRANSFER OF DATA SHALL BE THE USER'S RESPONSIBILITY WITHOUT LIABILITY TO THE ENGINEER. UNAUTHORIZED USES IN PROHIBITED. PRELIMINARY

w	AP	N 004-081-12	<u>/4\</u>	REVISED	10 U	PDATE BASE	MAP		2/12/19	
	Ω	⚠ REVIS	ED PER CITY	COMMENTS		1/18/19				
	REVISED	A REVIS	ED PER CITY	COMMENTS		11/20/18				
_	2	⚠ REVIS	ED PER CITY	COMMENTS		9/18/18				
	BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS & LAND SURVEYORS					WEST		PLA	REALIGNM N BOUT	IENT
)		3949 RESEARCH PARK COURT, SUITE 100 SOQUEL, CA 95073 (831) 426–3560				PROPOSED MULTI USE DELEVOPMENT 190 WEST CLIFF DRIVE SANTA CRUZ, CALIFORNIA				NT

SCALE 1" = 20'	DRAWN JFR	JOB NO. 26202	SHEET
DATE MAY 15, 2018	CHECKED	INDEX OC 80	C4.0
DESIGN	DWG NAME 26202 C4.0	FILE NO. 26202	OF 9



WEST CLIFF DR.



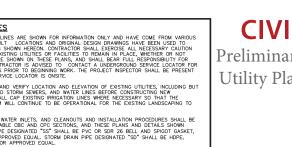
175 WEST CLIFF DR.

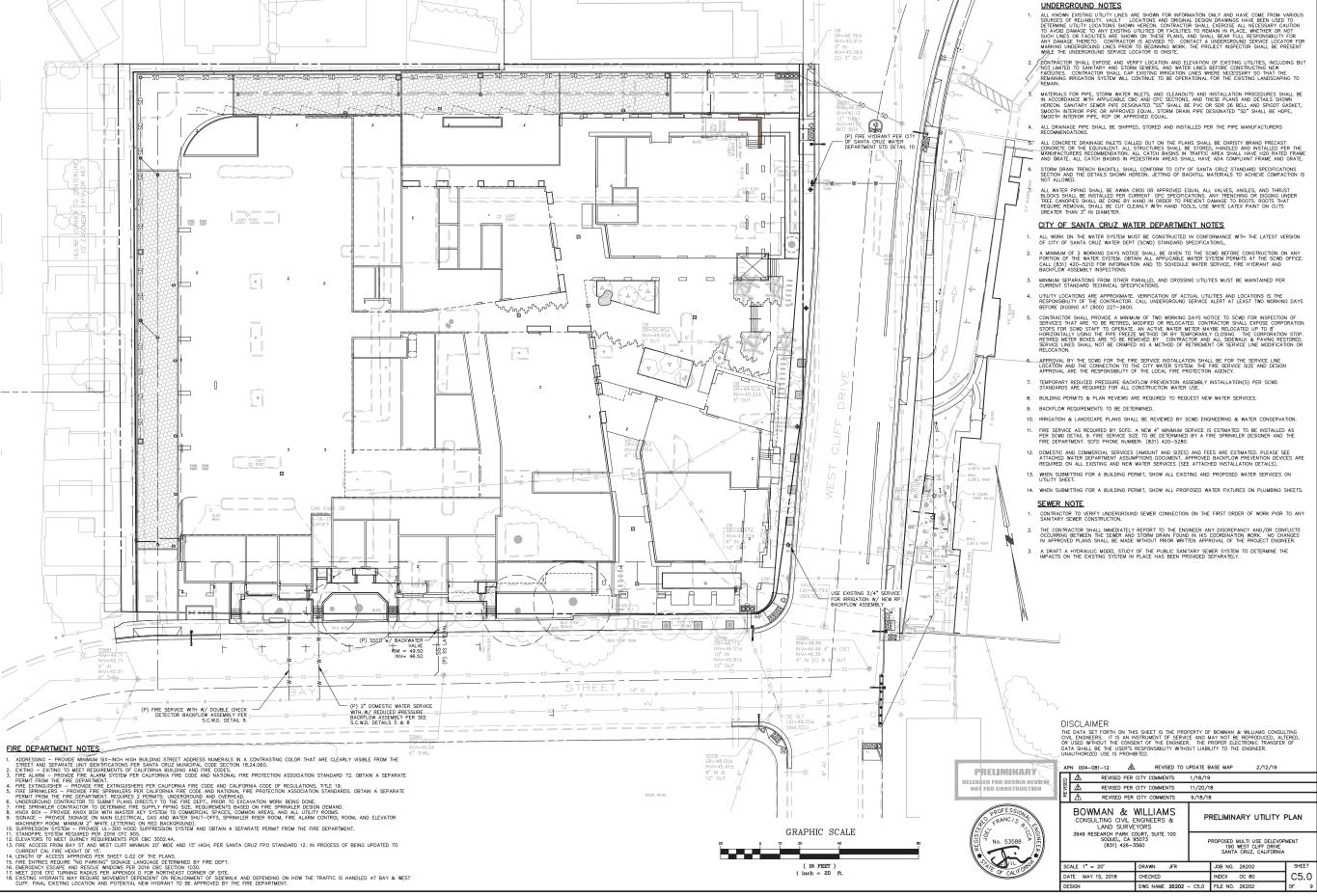
Plan





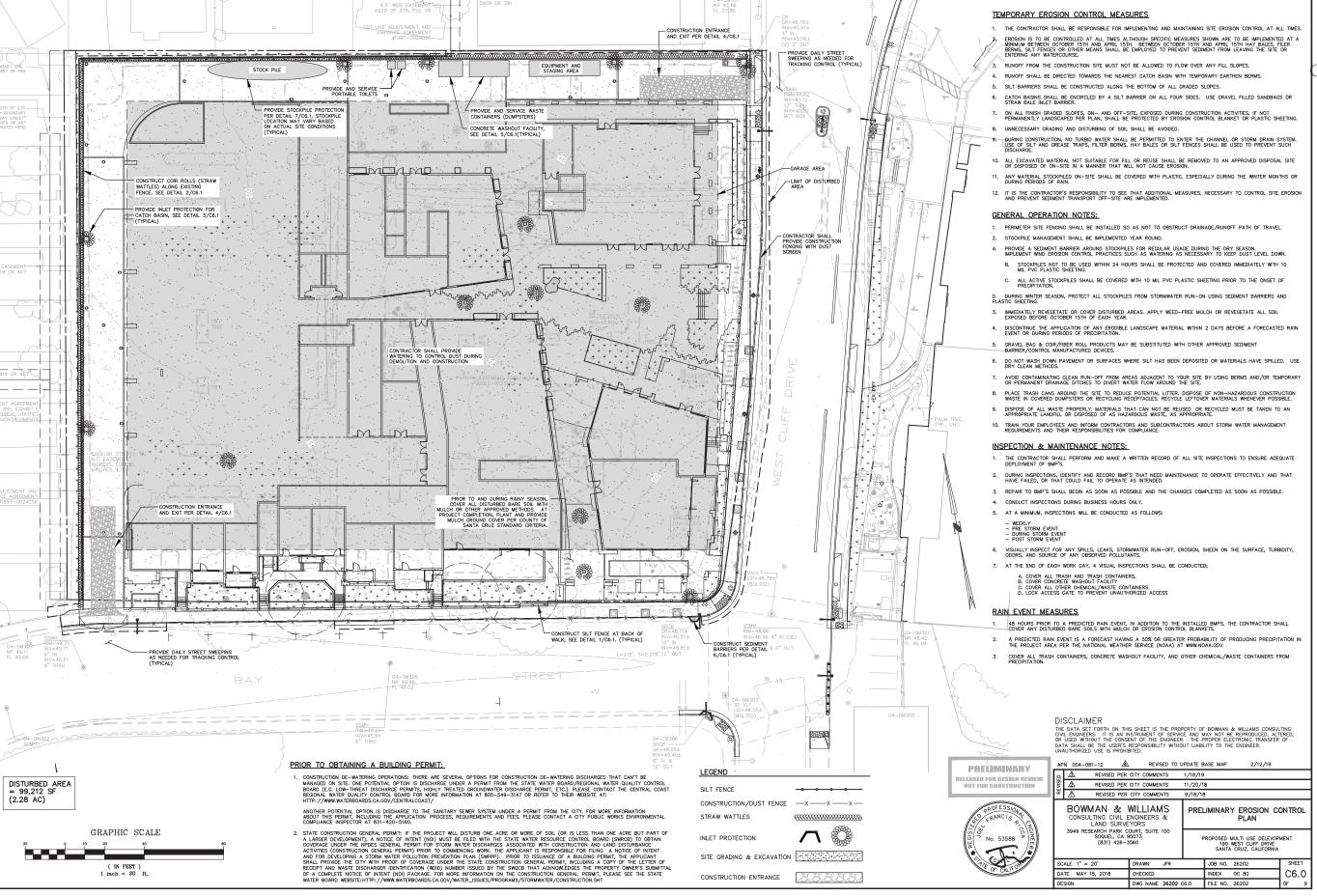
190 W. CLIFF DR. Design Permit Application March 04, 2019 Santa Cruz, CA







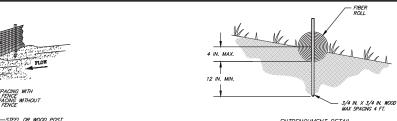


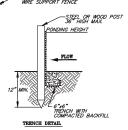






Control Detail

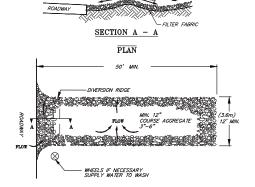




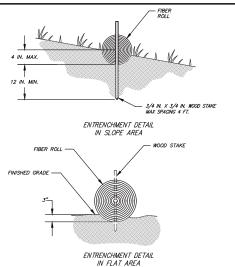
EXTRA STRENGTH FILTER FABRIC NEEDED WITHOUT WIRE MESH SUPPORT

NOTES:
1. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY. 2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT. 3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF—SITE AND CAN BE PERMANENTLY STABILIZED.

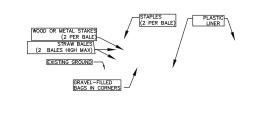
SILT FENCE NTS











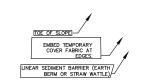


STRAW BALES

CONTRACTOR MAY PROVIDE PORTABLE CONCRETE WASHOUT OR CONDUCT CONCRETE WASHING OFF-SITE AT AN APPROVED FACILITY.

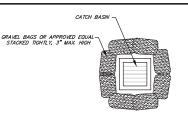




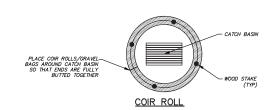




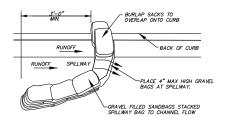




GRAVEL BAG



STORM DRAIN PROTECTION



- INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

SEDIMENT BARRIER SCALE: NTS

DISCLAIMER

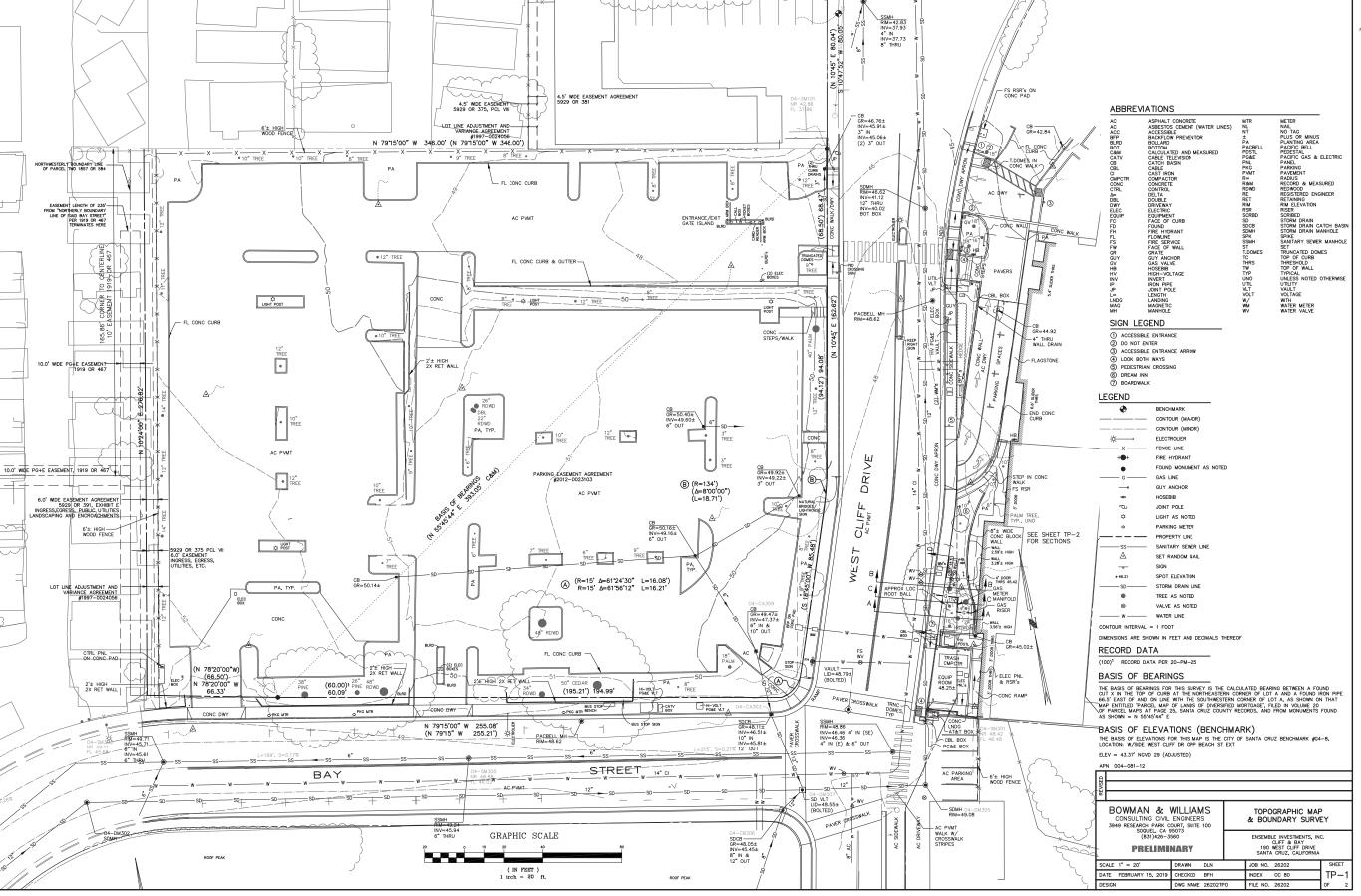


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ı	Θ	◬	REVISED	PER CITY	COMMENTS	1/	′ 18/19		
ı	REVISED	Δ	REVISED	PER CITY	COMMENTS	11	/20/18		
ı	22	Δ	REVISED	PER CITY	COMMENTS	9,	/18/18		
	BOWMAN & WILLIAMS CONSULTING CIVIL ENGINEERS & LAND SURVEYORS							NARY EROSION ROL DETAIL	
	3949 RESEARCH PARK COURT, SUITE 100 SOQUEL, CA 95073					DBODOSED MI	ILTI LICE DELEVORMENT	-	

INDEX OC 80 C6.1 DATE MAY 15, 2018 CHECKED DWG NAME 26202 C6.0 FILE NO. 26202

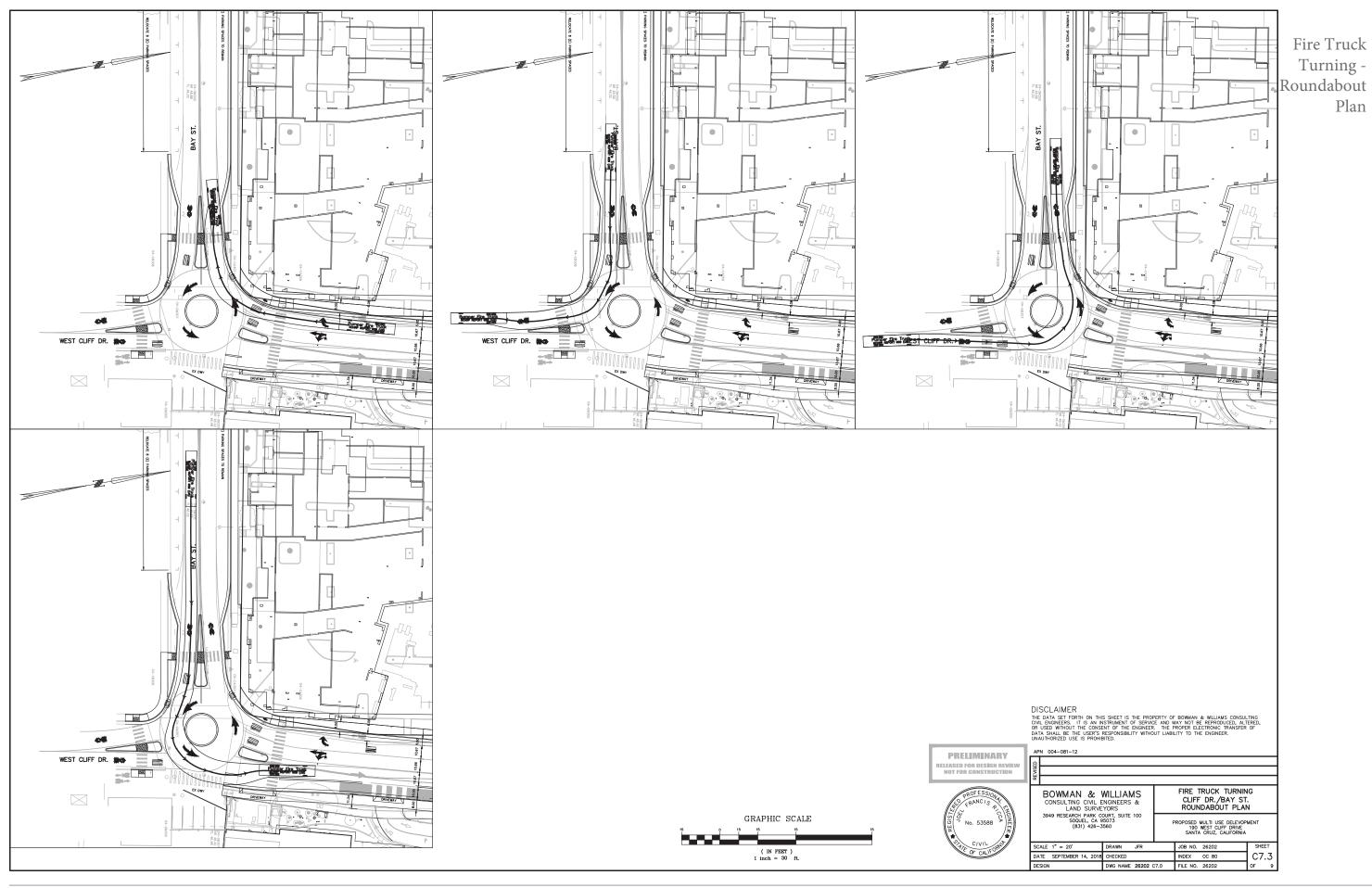








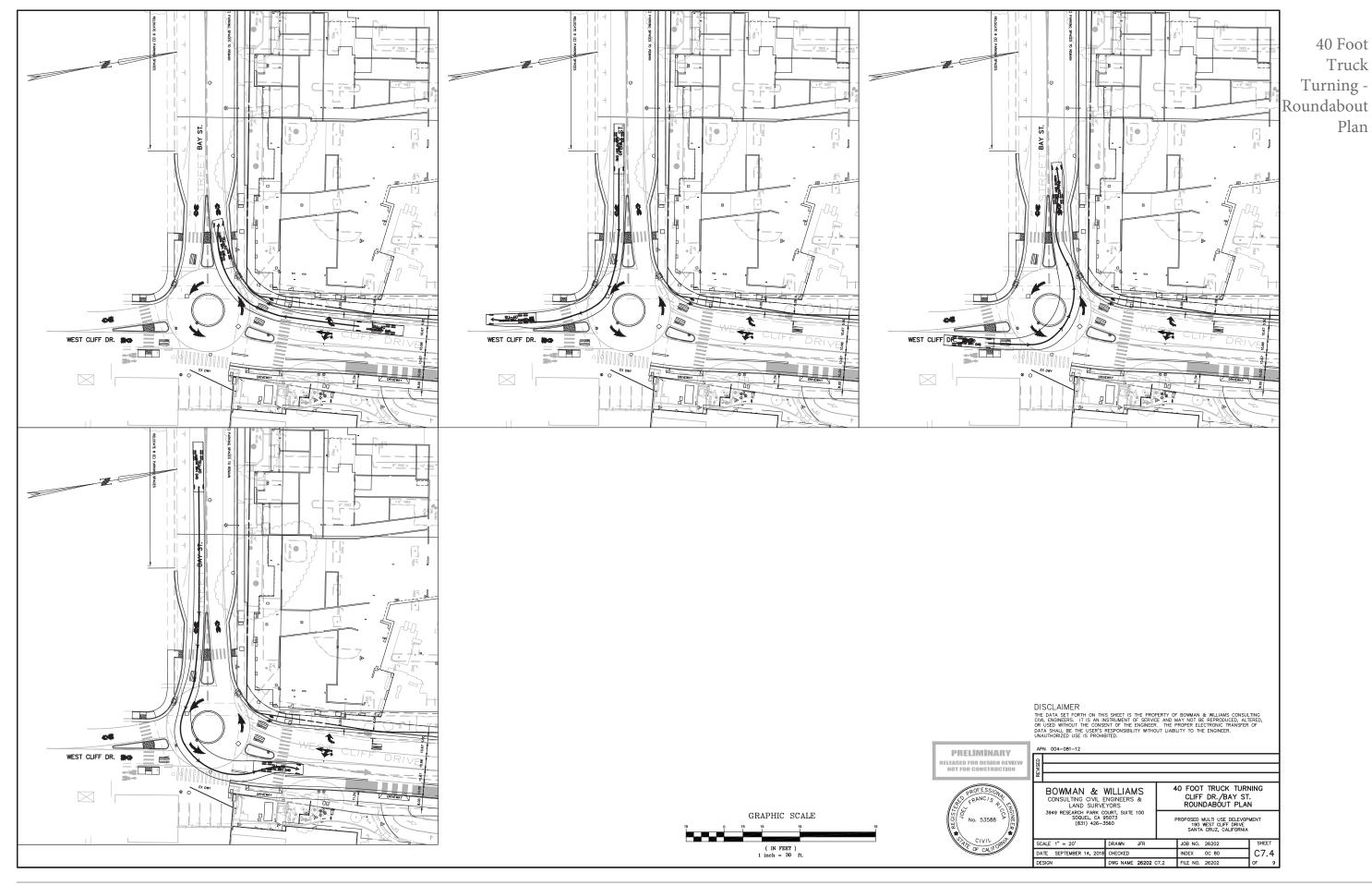








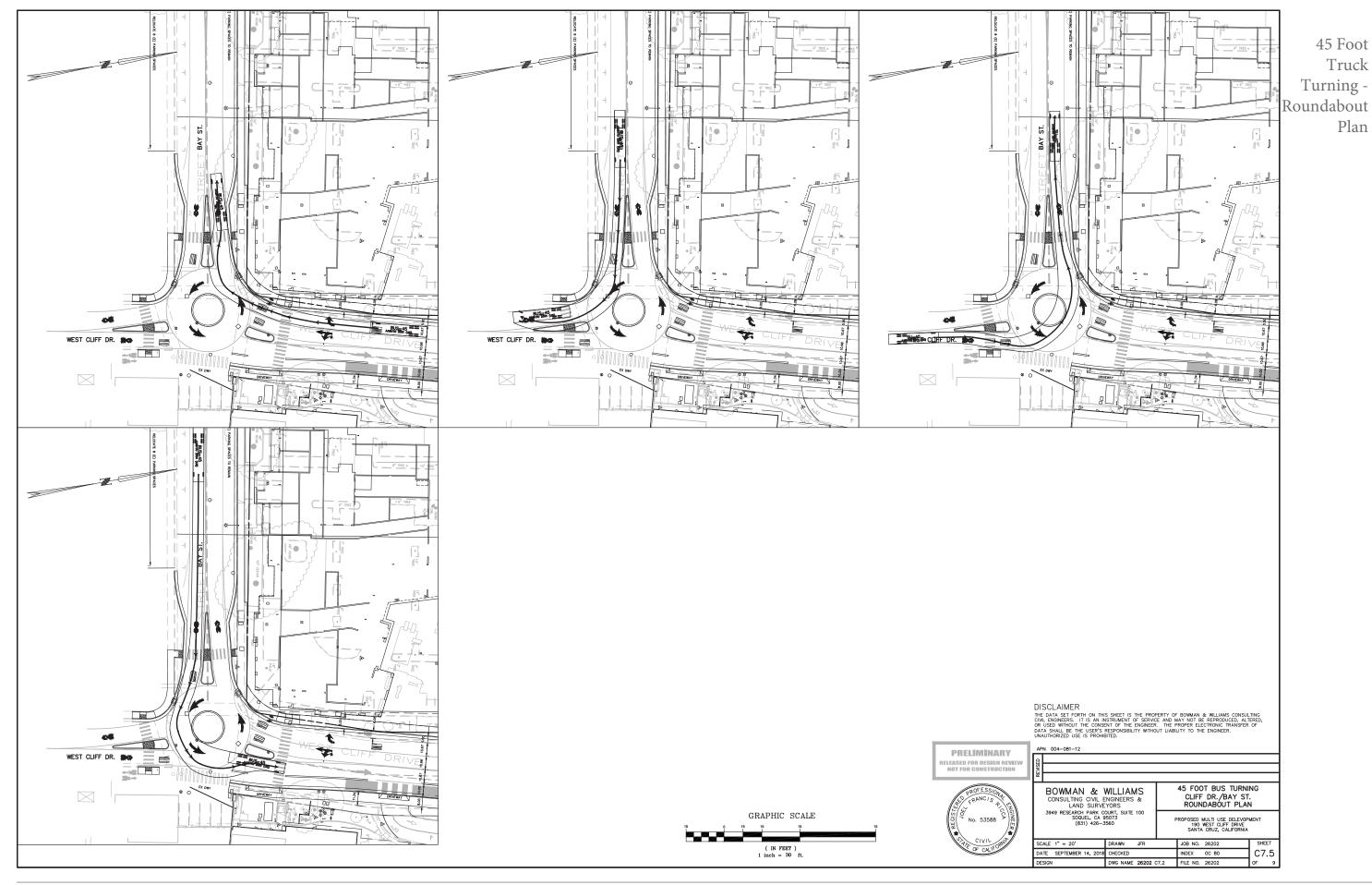
40 Foot Truck





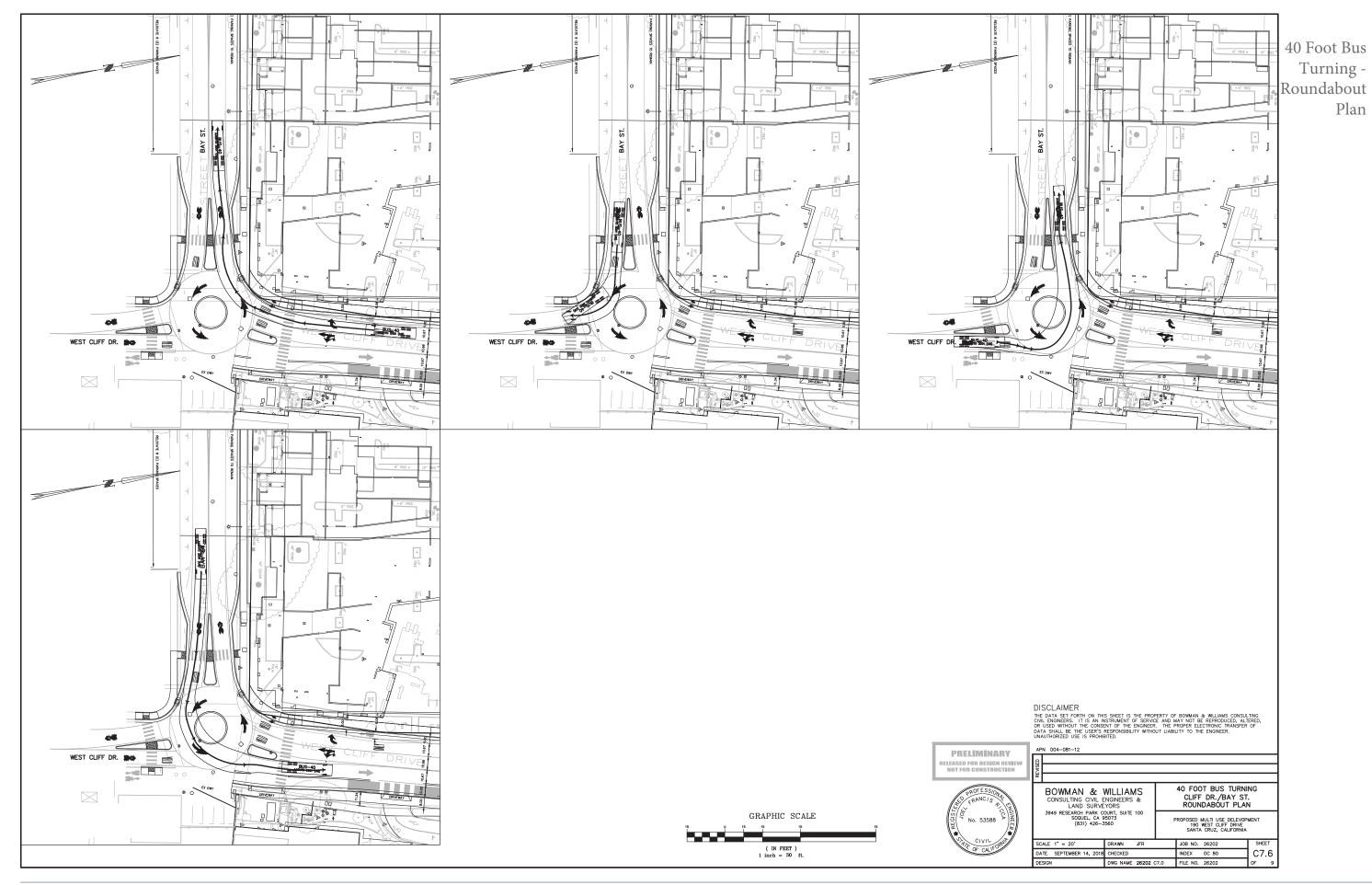


45 Foot Truck













Tractor Trailer

