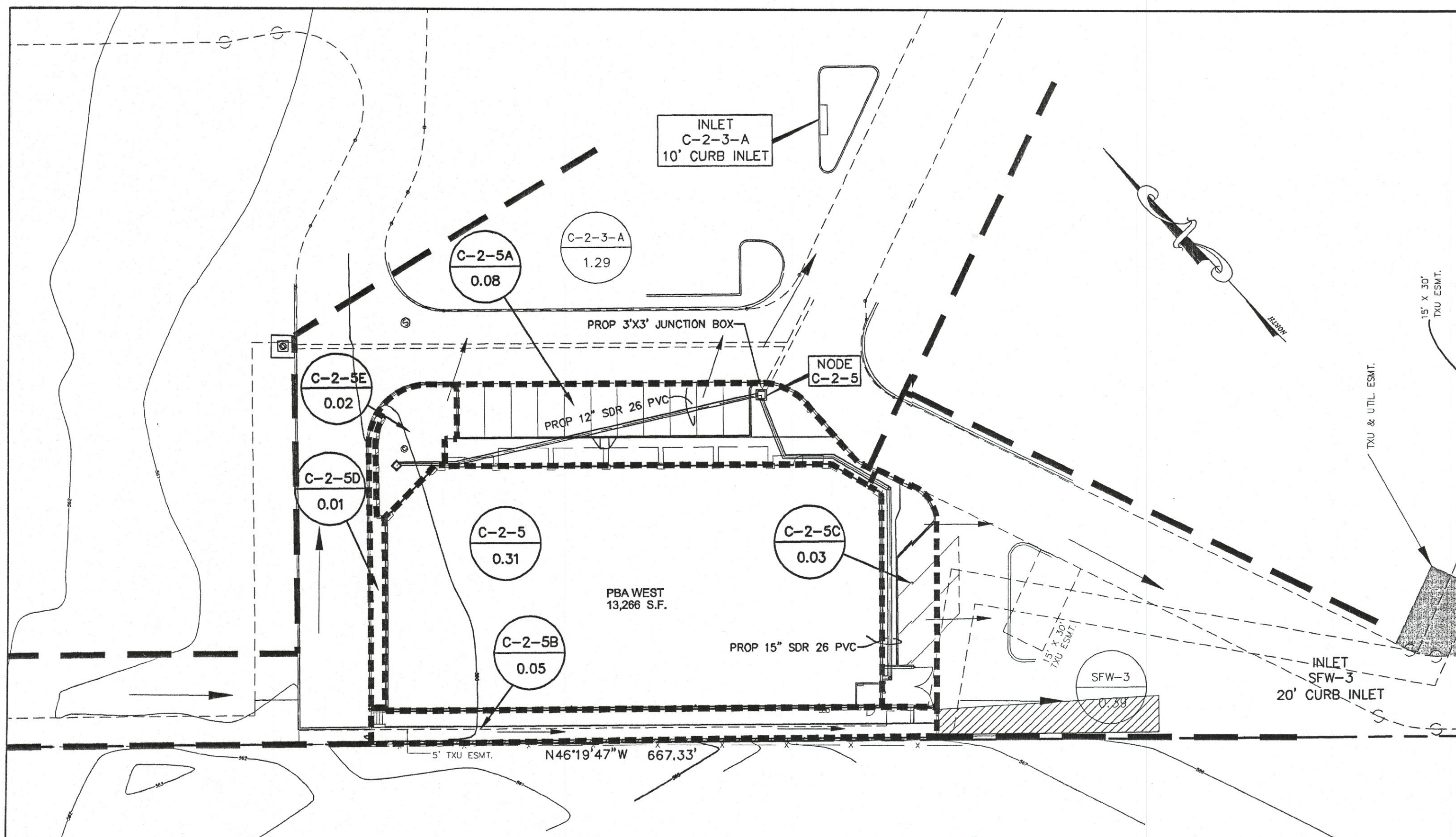


EXISTING CONDITIONS



PROPOSED CONDITIONS

EXISTING DRAINAGE AREA SUMMARY						
DRAINAGE AREA	DOWNSSTREAM INLET	i_{100} (in/hr)	c	AREA (ac)	DISCHARGE Q_{100} (cfs)	COMMENTS
C-2-3-A	C-2-3-A	9.8	0.9	1.29	11.38	Per Master Plan design
C-2-5	C-2-5	9.8	0.9	0.51	4.50	Per Master Plan design
SFW-3	SFW-3	9.8	0.9	0.39	3.44	Per Master Plan design

PROPOSED DRAINAGE AREA SUMMARY						
DRAINAGE AREA	DOWNSSTREAM INLET	i_{100} (in/hr)	c	AREA (ac)	DISCHARGE Q_{100} (cfs)	COMMENTS
C-2-5	C-2-5	9.8	0.9	0.32	2.82	Per Master Plan design
C-2-5A	C-2-3-A	9.8	0.9	0.08	0.71	Per new configuration
C-2-5B	SFW-3	9.8	0.9	0.05	0.44	Per new configuration
C-2-5C	SFW-3	9.8	0.9	0.03	0.26	Per new configuration
C-2-5D	C-2-3-A	9.8	0.9	0.01	0.09	Per new configuration
C-2-5E	C-2-5	9.8	0.9	0.02	0.18	Per Master Plan design

NARRATIVE:

THE OVERALL DRAINAGE SHED AND STORM FLOWS REMAIN THE SAME AS PER THE ORIGINAL MASTER PLAN.

DUE TO THE SITE CONFIGURATIONS, SOME MINOR AMOUNTS OF STORM FLOWS WILL BE DIVERTED TO OTHER POINTS OF COLLECTION.

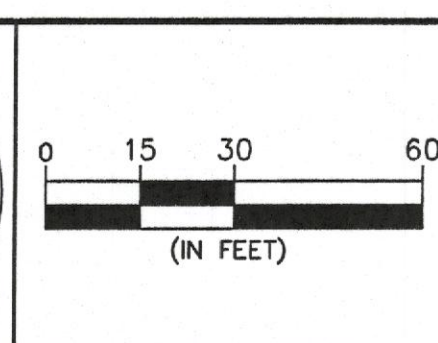
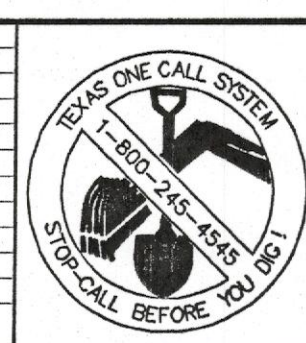
DRAINAGE INLET C-2-3-A WILL RECEIVE 0.8 CFS FROM THE SITE THAT WAS NOT PREVIOUSLY MASTER PLANNED. THIS INLET HOWEVER, DRAINS TO THE SAME PIPE NETWORK AS INLET C-2-5.

DRAINAGE INLET SFW-3, WILL RECEIVE 0.7 CFS FROM THE SITE THAT WAS NOT PREVIOUSLY MASTER PLANNED.

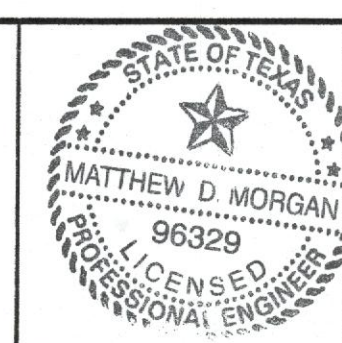
BOTH OFFSITE INLETS DRAIN TO POND 1A, SO THE NET AFFECT ON THE POND CAPACITY AND VOLUME REMAINS UNCHANGED.

THE ADDITIONAL FLOWS ARE EXPECTED TO HAVE A NEGLIGIBLE AFFECT EITHER ON PIPE CAPACITY OR HYDRAULIC GRADE LINE.

REV	DATE	BY	DESCRIPTION



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



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DATE: _____ NAME: _____

ENGINEERS ARCHITECTS SURVEYORS PLANNERS

THE WALLACE GROUP INC.

PBA WEST RETAIL BUILDING
 ROCKWALL CROSSING
 DRAINAGE AREA MAP & CALCULATIONS

SHEET
 C6.0
 OF 9 SHEETS