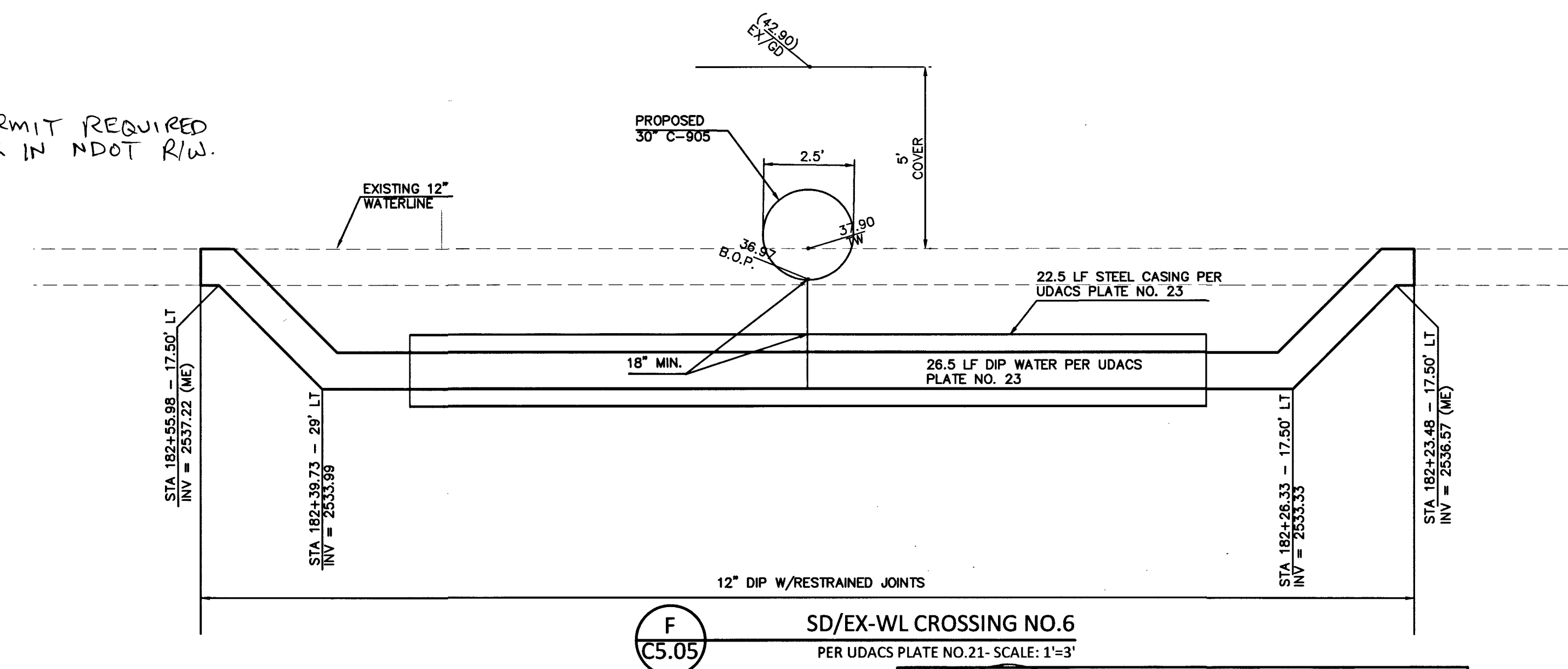
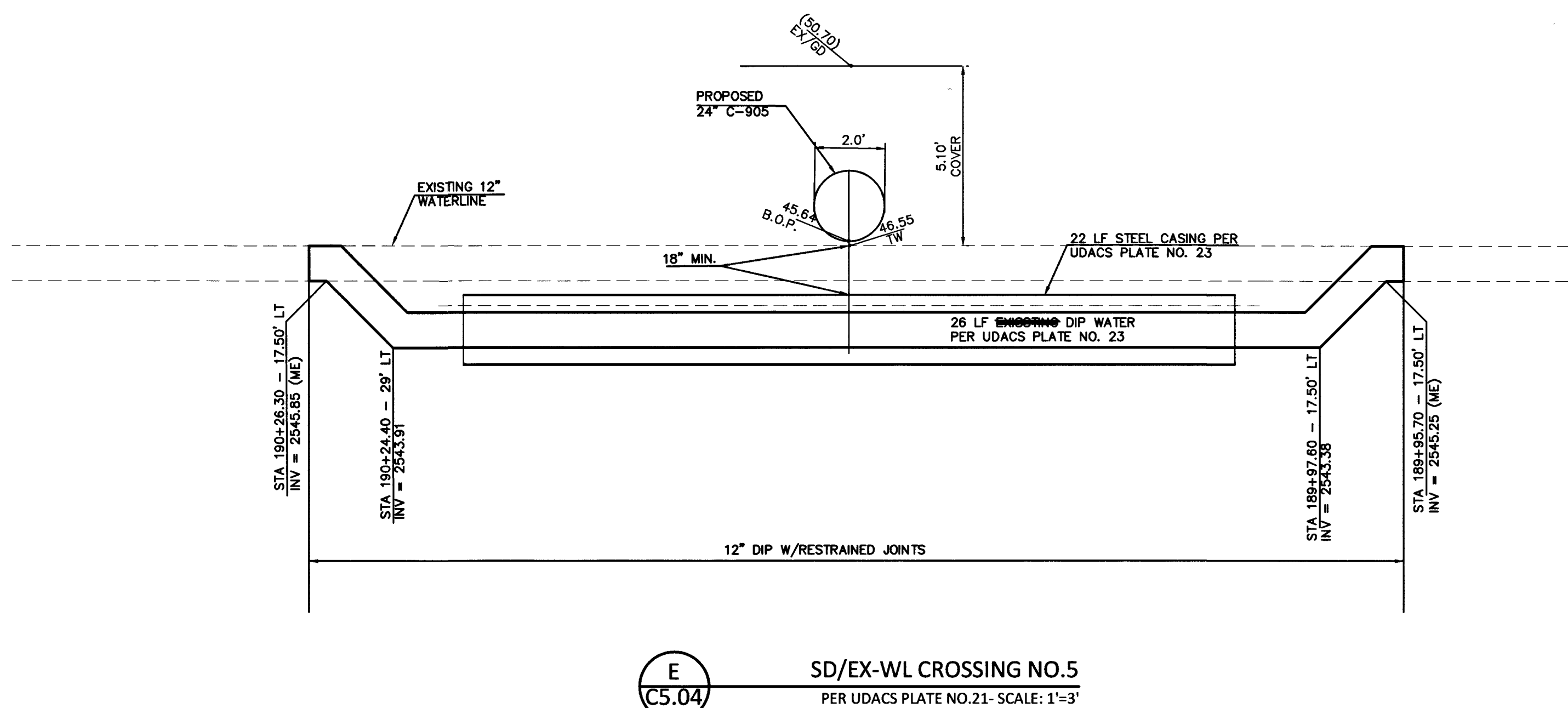
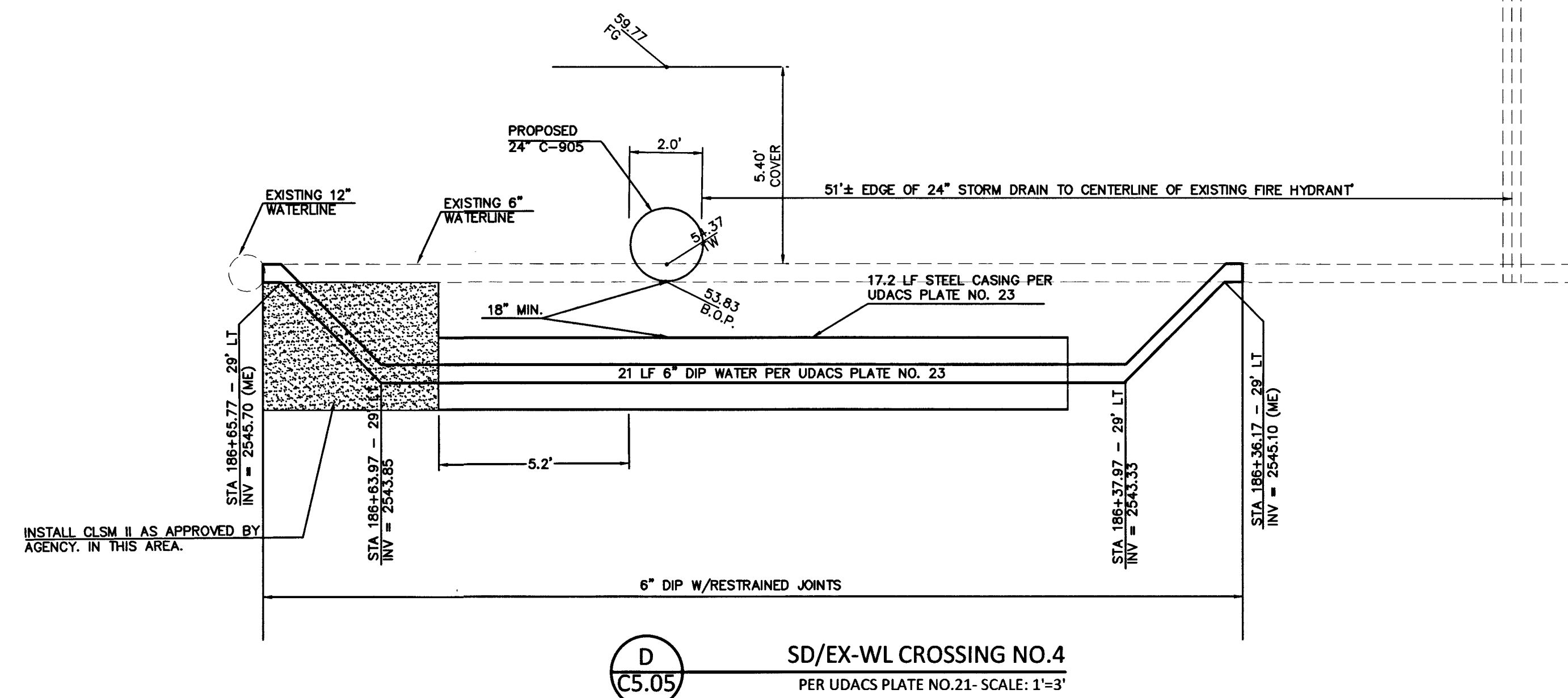




APPROVED FOR CONSTRUCTION

4. *SHAD: BR*

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

DATE: *10/24/16* PROJECT NO: *124663*

LVVWD APPROVED FIRE FLOW *12-75* GPM AT 20 PSI RESIDUAL

SHEETS: C1.01, C1.02, C4.05- C4.09, C4.10, C4.11, C4.12, C4.13, C5.01, C5.02, C5.03, C5.04, C5.05, *C5.11, C5.12*

CALL BEFORE YOU DIG AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY Call  1-800-227-2600	AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEMS. IT'S COSTLY. CALL BEFORE YOU DO UNDERGROUND WORK  CALL 1-702-432-5300 (FOR THE AREA)	AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD WORK  1-702-227-2925
--	--	--

COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. NO CONFLICTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

LEGEND

<u>EXISTING</u>	<u>PROPOSED</u>	
(0.00)	0.00	ELEVATION TAG
XXX	XXX	
		DRAIN INLET
		RETAINING WALL
		SCREEN WALL
		UTILITY POLE
		STREET LIGHT

EXISTING	PROPOSED	
--E--	--E--	POWER LINE/POLE
--T--	--T--	TELEPHONE LINE
--W--	--W--	WATER LINE
--SS--	--SS--	SANITARY SEWER LINE
--D--	--D--	STORM SEWER LINE
--G--	--G--	GAS LINE
(1)	(1)	STORM MANHOLE

EXISTING	PROPOSED	
		FIRE HYDRANT
		FIRE DEPARTMENT CONNECTION
		WATER VALVE
		REDUCER
		SEWER MANHOLE
		CLEANOUT
		GAS VALVE

EXISTING	PROPOSED	
_____	_____	PL-RIGHT-OF-WAY
_____	_____	PL-ADJACENT
----	----	CENTERLINE
----	----	EASEMENT LINE
=====	=====	FLOW LINE
—○—	—○—	SIGN W/POLE
	—⚡—	SAWCUT LINE
☼	☼	AREA LIGHT
□	■	WATER METER

EXISTING	PROPOSED	
		AC PAVEMENT
		6" TYPE "A" CURB
		24" TYPE "L" CURB & GUTTER
		30" ROLL CURB
		BACK WATER VALVE

**COLLINS
ENGINEERS²**
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.collinsengr.com

PROFESSIONAL ENGINEER—STATE OF NEVADA
 THOMAS D. MILLER
 EXP. 12-31-17
 CIVIL
 NO. 15776

IMPROVEMENT PLANS FOR DC PLAZA
APN:125-17-601-007,010,013,020 AND 021

STORM DRAIN/EXISTING WATER LINE CROSSING SECTIONS

8451 FARM ROAD
LAS VEGAS, NEVADA

NO.	DATE	DESIGN BY	DESCRIPTION
CEI PROJECT:			4136
DESIGN BY:			JDM SR
DRAWN BY:			JDM SR
CHECKED BY:			TDM P.E.
DATE: 09/19/16			
SCALE:			
SHEET NUMBER C5.05			
SHEET 24 OF 46			
107V6734 H#64486			