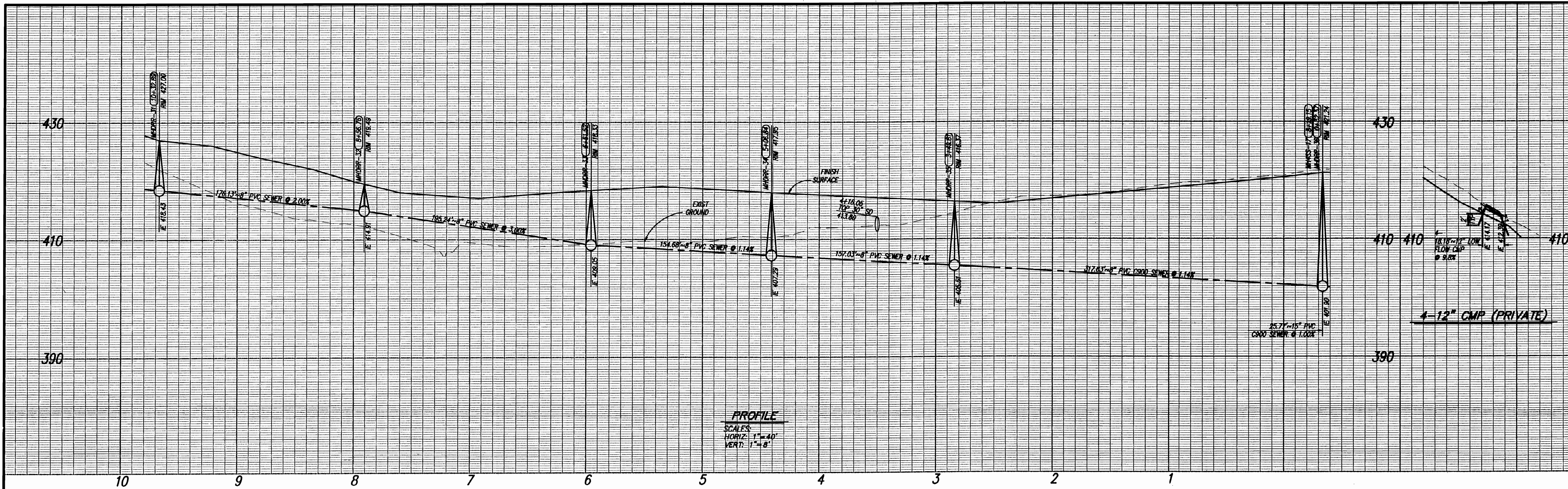




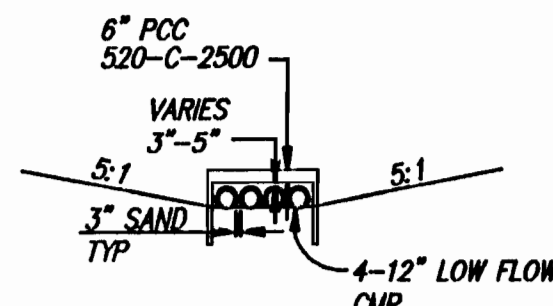
PROFILE
SCALE:
HORIZ: 1"=40'
VERT: 1"=8'

- CONSTRUCTION NOTES
- (51) 8" PVC SEWER MAIN
 - (68) MANHOLE
 - (178) 12" CMP STORM DRAIN (PRIVATE)

NOTE
1. SEE SHEET 103 FOR STORM DRAIN IMPROVEMENTS
2. GRADING SHOWN IS PER L-2986

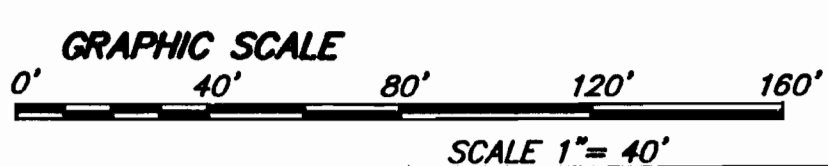
SEWER DATA TABLE				
SYMBOL	DELTA/BEARING	RADIUS	LENGTH	
S1	N83°27'15"W		176.13'	
S2	N62°14'22"W		78.85'	
S3	S70°32'24"E	200.00'	115.39'	
S4	N84°42'14"E		154.68'	
S5	N85°27'40"W		126.78'	
S6	08°40'04"E	200.00'	30.26'	
S7	N76°47'36"W		76.22'	
S8	N70°11'00"E	400.00'	160.69'	
S9	N80°11'24"E		80.53'	

STORM DRAIN DATA TABLE			
SYMBOL	DELTA/BEARING	RADIUS	LENGTH
SD1	N40°05'05"W		18.18'



PIPE DETAIL

PLAN
SCALE: 1"=40'



NOLTE
BEYOND ENGINEERING
15090 AVENUE OF SCIENCE, SUITE 101 SAN DIEGO, CA 92128
658.385.0500 TEL 658.385.0400 FAX WWW.NOLTE.COM

No.	Description	Approved by	Date
RECORD PLAN		RIS.	4/16/99

PERMITS	
HABITAT LOSS PERMIT NO.	
TENTATIVE MAP NO. TM 5066R	
N.O.I. NO. 937S31052	
REZONE PERMIT NO. 95-001	
MAJOR USE PERMIT NO. P87-036W3	
GRADING PERMIT NO. L-2986	

BENCH MARK	
DESCRIPTION:	3" BRASS DISK IN MONUMENT WELL STAMPED
LOCATION:	C/L INTERSECTION THORNHUNT RD & CT
RECORD FROM:	CITY OF SAN DIEGO (PT. NO. 399, R.O.S. 14492)
ELEVATION:	622.05
DATUM:	NGVD 29 (FEET)

PRIVATE CONTRACT		
SHEET 61	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	255 SHEETS

PLANS FOR THE IMPROVEMENT OF:	
SEWER VICINITY OF COMMUNITY PARK	

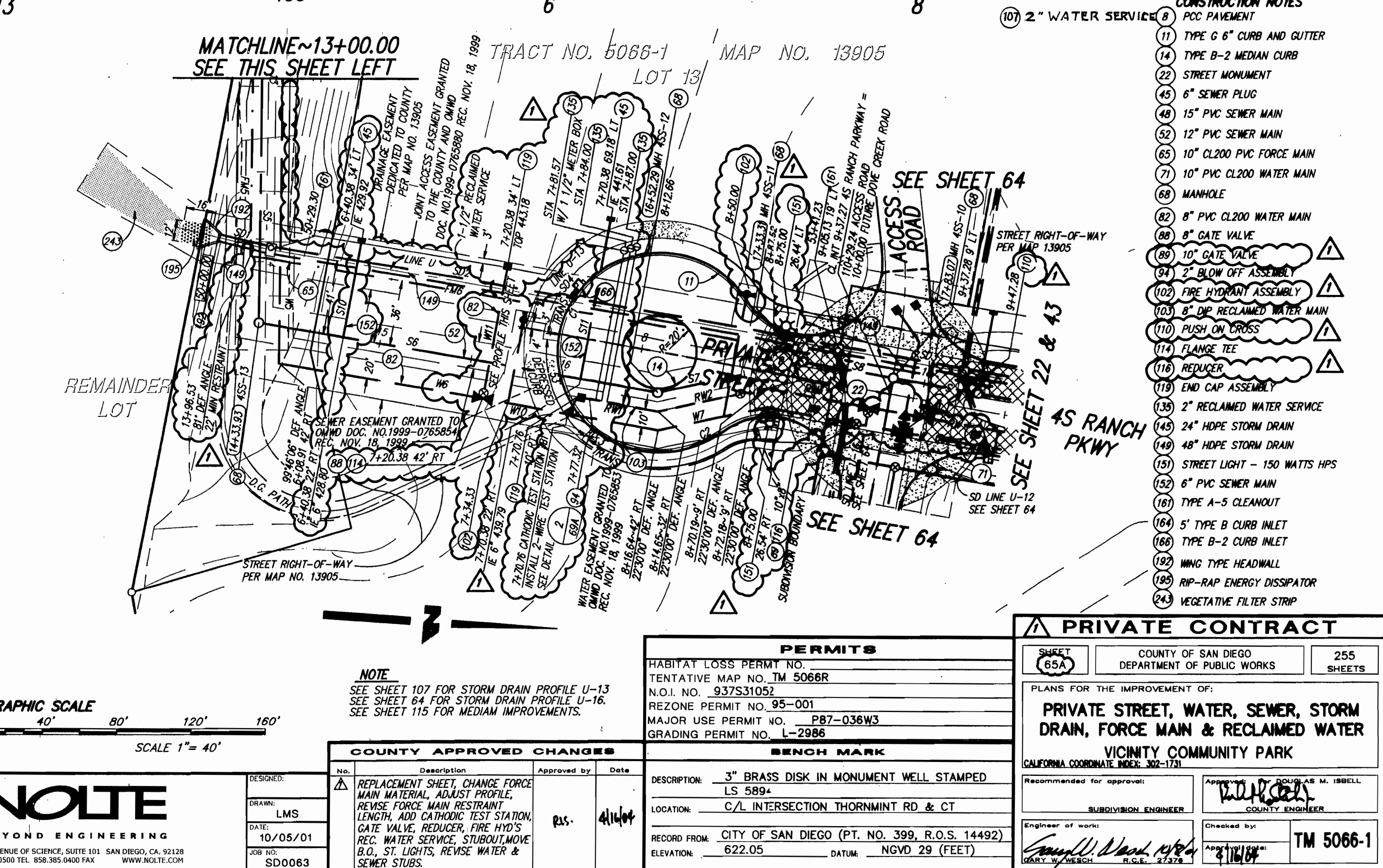
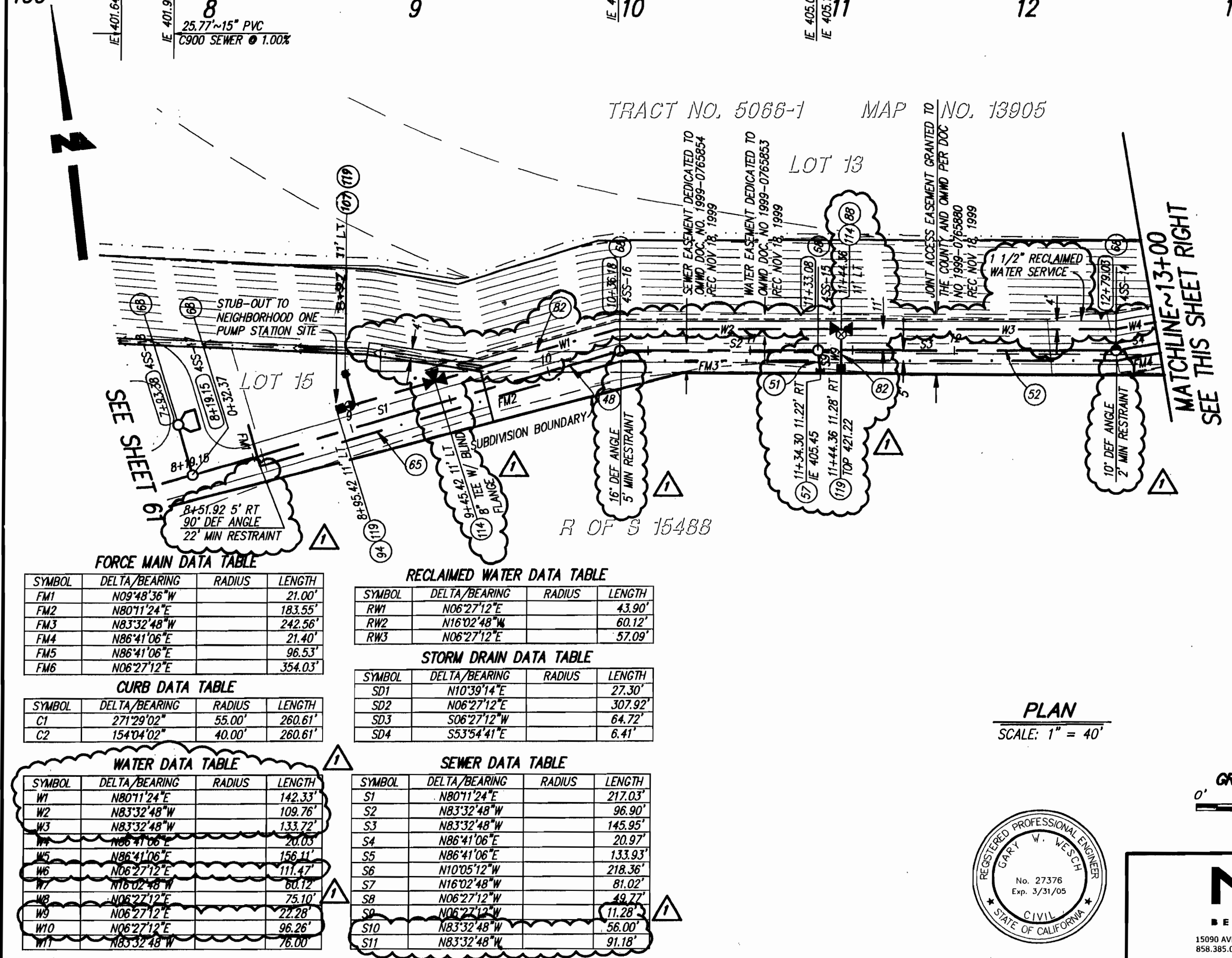
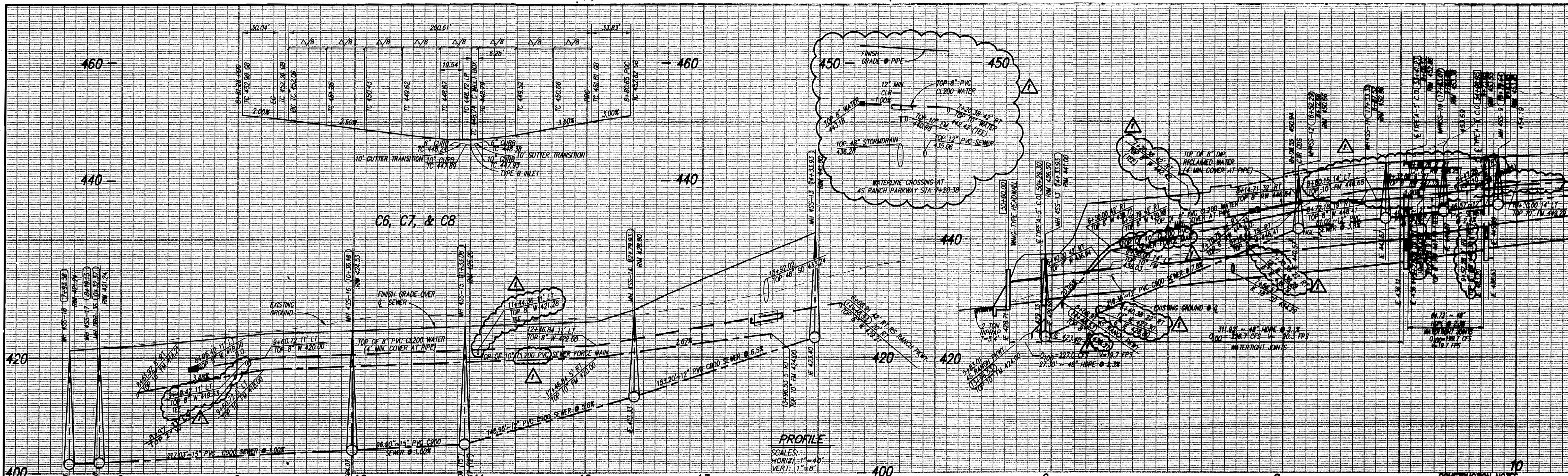
Recommended for approval:	Approved: DOUGLAS M. ISBELL FOR COUNTY ENGINEER
SUBDIVISION ENGINEER	Checked by: Gary W. Wesch
Engineer of work:	Approval date: 11-23-99
GARY W. WESCH R.G.E. 27376	TM 5066-1

FILE NO.

PTG. DATE: 10/30/99
SERVER: NAS02E083.000.GADY
PATH: IP61DWG
PTG. TIME: 16:19
PLOTTER: IP61DWG
DRAWING NAME: IP61DWG

DEC 28 1999
MICROFILMED

ENGINEER'S NAME: NOLTE AND ASSOCIATES
PHONE NO. (658) 385-0500



FORCE MAIN DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
FM1	N03°48'36"W	21.00'	
FM2	N80°11'24"E	183.55'	
FM3	N83°32'48"W	242.56'	
FM4	N86°41'06"E	21.40'	
FM5	N86°41'06"E	96.53'	
FM6	N06°27'12"E	354.03'	

RECLAIMED WATER DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
RW1	N06°27'12"E	43.90'	
RW2	N16°02'48"W	60.12'	
RW3	N06°27'12"E	57.09'	

CURB DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
C1	271°29'02"	55.00'	260.61'
C2	154°04'02"	40.00'	260.61'

SEWER DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
S1	N10°39'14"E	27.30'	
S2	N06°27'12"E	307.92'	
S3	S06°27'12"W	64.72'	
S4	S53°54'41"E	6.41'	

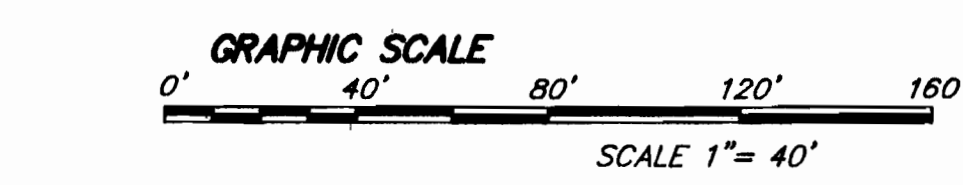
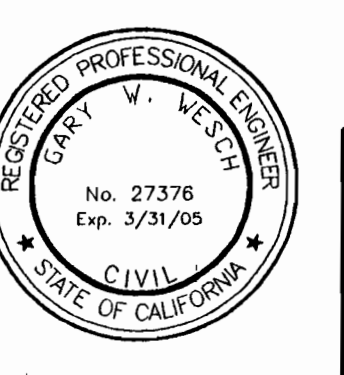
STORM DRAIN DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
SD1	N10°39'14"E	27.30'	
SD2	N06°27'12"E	307.92'	
SD3	S06°27'12"W	64.72'	
SD4	S53°54'41"E	6.41'	

WATER DATA TABLE

SYMBOL	DELTA/BEARING	RADIUS	LENGTH
W1	N80°11'24"E	142.33'	
W2	N83°32'48"W	109.76'	
W3	N83°32'48"W	133.72'	
W4	N86°41'06"E	21.03'	
W5	N86°41'06"E	156.11'	
W6	N06°27'12"E	111.47'	
W7	N16°02'48"W	80.12'	
W8	N06°27'12"E	75.10'	
W9	N06°27'12"E	22.28'	
W10	N06°27'12"E	96.26'	
W11	N83°32'48"W	78.00'	

PLAN
SCALE: 1" = 40'



NOLTE
BEYOND ENGINEERING
15090 AVENUE OF SCIENCE, SUITE 101 SAN DIEGO, CA 92128
619.385.0500 TEL. 619.385.0400 FAX
WWW.NOLTE.COM

NOTE
SEE SHEET 107 FOR STORM DRAIN PROFILE U-13
SEE SHEET 64 FOR STORM DRAIN PROFILE U-16
SEE SHEET 115 FOR MEDIAN IMPROVEMENTS.

COUNTY APPROVED CHANGES

No.	Description	Approved by	Date
1	REPLACEMENT SHEET, CHANGE FORCE MAIN MATERIAL, ADJUST PROFILE, REVERSE FORCE MAIN RESTRAINT, LENGTH, ADD CATHODIC TEST STATION, GATE VALVE, REDUCER, FIRE HYD'S REC. WATER SERVICE, STUBOUT/MOVE B.O., ST. LIGHTS, REVERSE WATER & SEWER STUBS.	RUS	4/14/04

PERMITS
HABITAT LOSS PERMIT NO. TENTATIVE MAP NO. 5066R
N.O.I. NO. 937531052
REZONE PERMIT NO. 95-001
MAJOR USE PERMIT NO. PB7-036W3
GRADING PERMIT NO. L-2986

BENCH MARK
DESCRIPTION: 3" BRASS DISK IN MONUMENT WELL STAMPED
LOCATION: C/L INTERSECTION THORNHUNT RD & CT
RECORD FROM: CITY OF SAN DIEGO (PT. NO. 399, R.O.S. 14492)
ELEVATION: 622.05 DATUM: NGVD 29 (FEET)

PRIVATE CONTRACT

SHEET 65A COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 255 SHEETS

PLANS FOR THE IMPROVEMENT OF:
PRIVATE STREET, WATER, SEWER, STORM DRAIN, FORCE MAIN & RECLAIMED WATER
VICINITY COMMUNITY PARK
CALIFORNIA COORDINATE INDEX: 302-1731

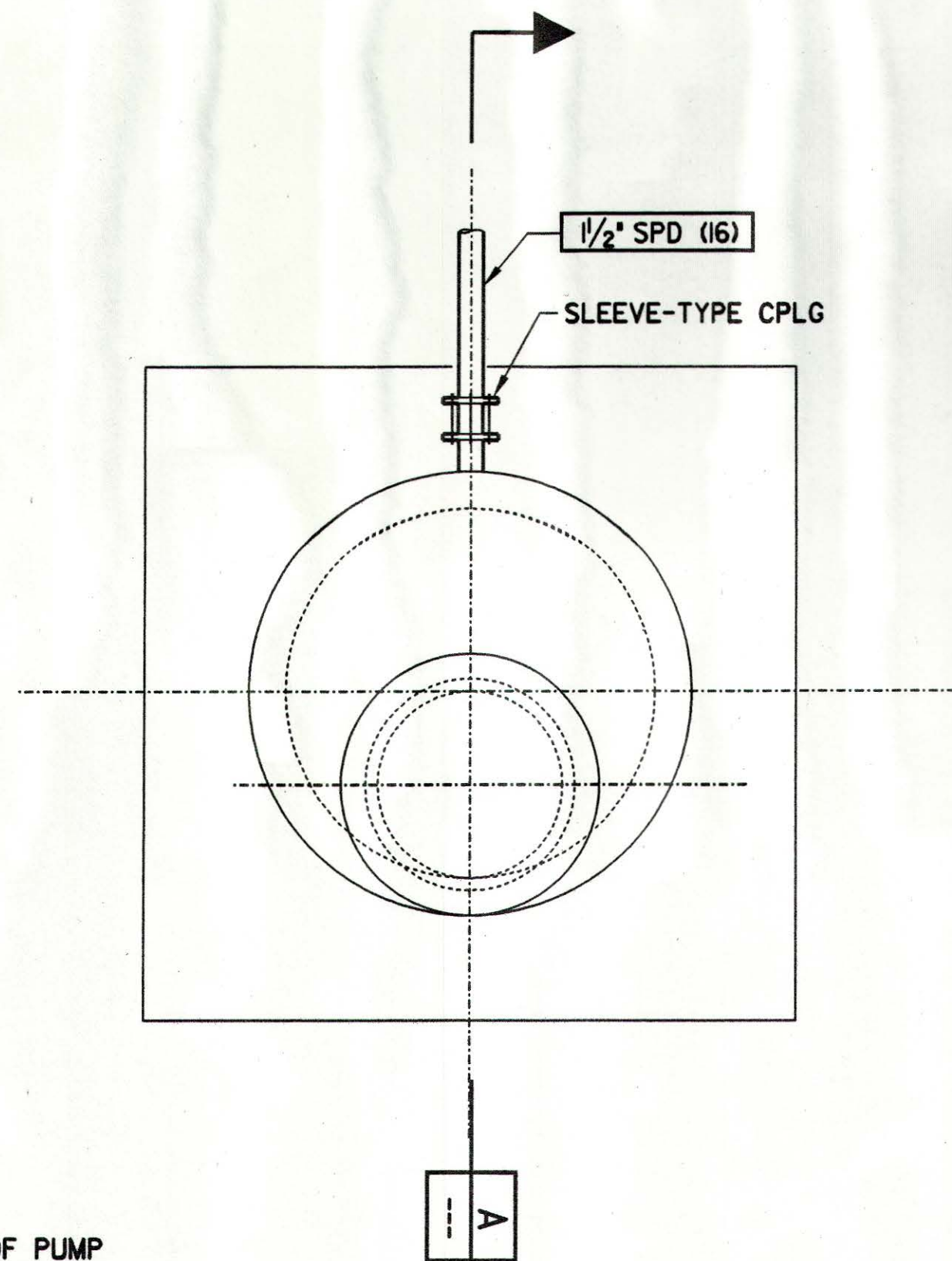
Recommended for approval: [Signature] SUBDIVISION ENGINEER
Engineer of work: [Signature] CIVIL ENGINEER
Checked by: [Signature] COUNTY ENGINEER

PROJECT NO. 589-
DATE: 10/05/01
JOB NO. SD0063

APPROVED BY: [Signature] DATE: 4/14/04

RECORD PLAN

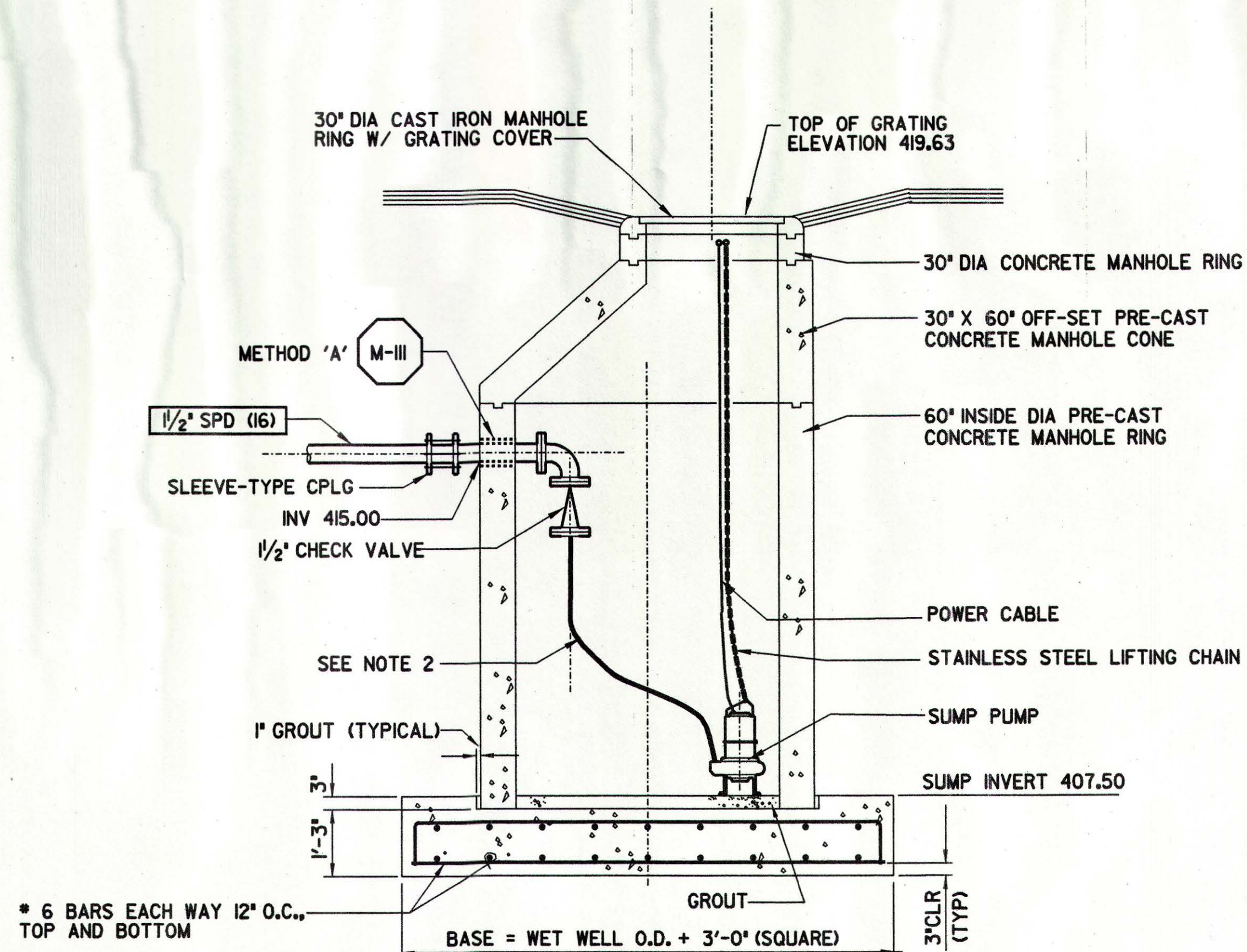
ENGINEER'S NAME: NOLTE ASSOCIATES
PHONE NO. (619) 385-0500



NOTES :

1. FOR LOCATION OF STORM WATER PUMP STATION SEE CIVIL SHEET I2C-3
2. 1/2" REINFORCED NEOPRENE PRESSURE HOSE. LENGTH OF HOSE SHALL ALLOW FOR REMOVAL OF PUMP THROUGH GRATING COVER. PROVIDE QUICK CONNECT FITTING AT PUMP.

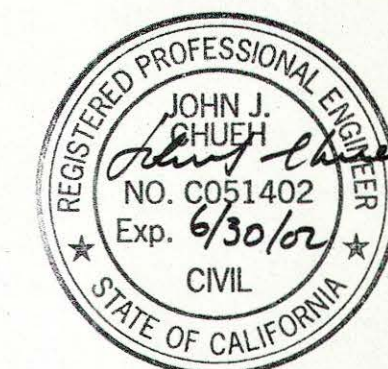
PLAN - STORM WATER PUMP STATION
SCALE: 1/2" = 1'-0"



SECTION
SCALE: 1/2" = 1'-0"

The limited review of this document by PBS & J on behalf of the Olivenhain Municipal Water District, is intended as a limited review only for general conformance with: (1) This approved Design/Build documents, (2) Accepted standards of practice within the industry, and (3) The standards of the Olivenhain Municipal Water District. This limited review in no way is intended, nor shall it act, to relieve the Design/Build Team of any professional liability to the responsibility to provide a complete and functional facility that is compliant with all applicable specifications, standards, codes, and regulations.

PBS & J
Date: 8/23/01 By: J. J. J.



REV	DATE	BY	OMWD	DESCRIPTION

SCALE	WARNING
1/2" = 1'-0"	IF THIS BAR DOES NOT MEASURE IT THEN DRAWING IS NOT TO SCALE

DESIGNED	J.G.
DRAWN	L.R.M.
CHECKED	P.F.W.

SUBMITTED BY	PROJECT MANAGER	50802	12/13/00
		LICENSE NO.	DATE
	COMPANY OFFICER	33699	12/13/00
		LICENSE NO.	DATE



MONTGOMERY WATSON
Pasadena, California

APPROVED	8-29-01
OLIVENHAIN MWD	DATE
APPROVED	DATE
FILANC CONSTRUCTION CO.	DATE

KELWOOD DEVELOPMENT COMPANY
4S RANCH SANITATION DISTRICT
WASTEWATER TREATMENT PLANT EXPANSION TO 2.0 MGD
NEIGHBORHOOD NO.1 PUMP STATION
STORM WATER P.S. PLAN AND SECTION

SHEET
12M-6
OF 6 SHEETS

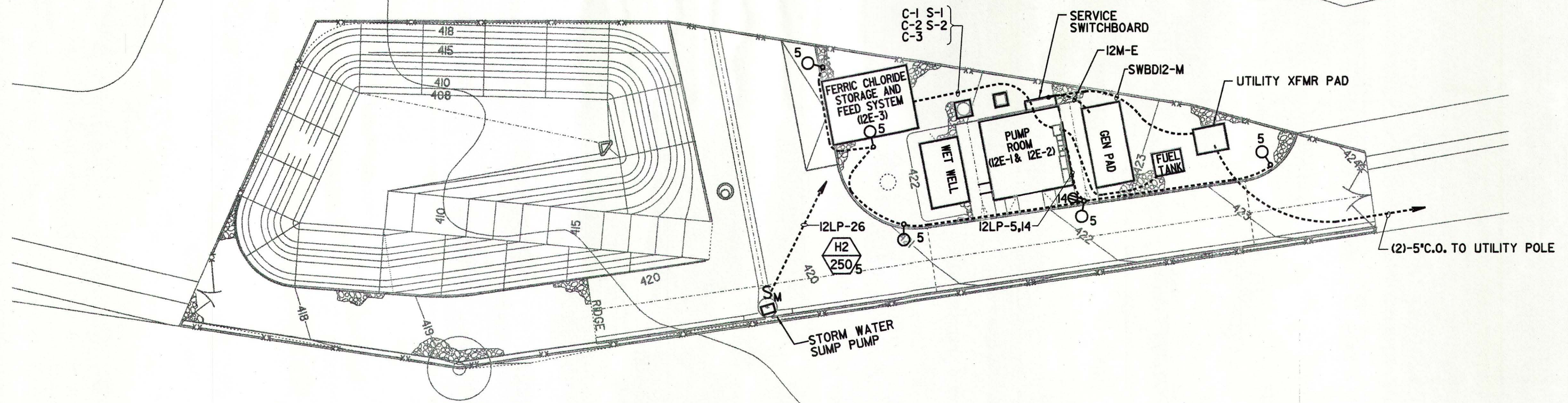
Plot Date: 12-DEC-2000 14:25

Job No: MW Job # File: p:\Projects\4SR\general details\ele\neighbor\4srne01.dwg



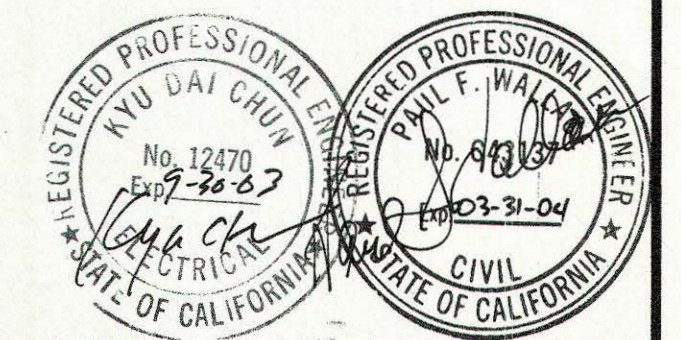
NOTES:

1. ELECTRIC SERVICE AND TRANSFORMER PAD SHALL COMPLY WITH SDG & E SERVICE REQUIREMENTS.
2. TELEPHONE SERVICE SHALL COMPLY WITH TEL. CO SERVICE REQUIREMENTS.
3. CONDUIT FOR ROADWAY LIGHTING SHALL BE 1" MINIMUM AND WIRES SHALL BE #10 AWG MINIMUM.



The limited review of this document by PBS & J on behalf of the Olivenhain Municipal Water District, is intended as a limited review only for general conformance with: (1) This approved Design/Build documents, (2) Accepted standards of practice within the industry, and (3) The standards of the Olivenhain Municipal Water District. This limited review in no way is intended, nor shall it act, to relieve the Design/Build Team of any professional liability to the responsibility to provide a complete and functional facility that is compliant with all applicable specifications, standards, codes, and regulations.

PBS & J
Date 8/22/01 By [Signature]



REVISIONS				SCALE 1"=20'		WARNING 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE		DESIGNED K. D. CHUN DRAWN N. CHRAKIAN CHECKED K. D. CHUN		SUBMITTED BY PROJECT MANAGER [Signature] COMPANY OFFICER [Signature]		50802 LICENSE NO. 33699 DATE 12/13/00		MONTGOMERY WATSON Pasadena, California		APPROVED [Signature] OLIVENHAIN MWD APPROVED [Signature] FILANC CONSTRUCTION CO.		8.29.01 DATE		KELWOOD DEVELOPMENT COMPANY 45 RANCH SANITATION DISTRICT WASTEWATER TREATMENT PLANT EXPANSION TO 2.0 MGD NEIGHBORHOOD NO. 1 PUMP STATION ELECTRICAL SITE PLAN		SHEET E-1 OF 5 SHEETS	
------------------	--	--	--	------------------------	--	---	--	---	--	---	--	--	--	--	--	---	--	-------------------------------	--	--	--	--	--