UTILITY	COMPANY / CONTACT		TELEPHONE
PROJECT MANAGER	MANAGER CITY OF ELK GROVE CONNIE NELSON		916-478-3638
DRAINAGE	INAGE CITY OF ELK GROVE FERNANDO DUENAS		916-627-3434
CABLE TV	AT&T BROADBAND	ASTRID WILLARD	916-453-6136
CABLE TV	COMCAST	STEVE ABELIA	916-830-6757
ELECTRIC	S.M.U.D.	JACK GRAHAM	916-732-6643
FIRE	FIRE COSUMNES COMMUNITY SERVICES DISTRICT SHEILA WOLCOTT		916-405-7100
GAS	PG&E	MIKE WILLIAMS	916-386-5013
PARKS & RECREATION	COSUMNES COMMUNITY SERVICES DISTRICT	STEVE SIMS	916-947-1831
PHONE	FRONTIER COMMUNICATION	EVA MOREDOCK	916-691-5615
PHONE	SUREWEST	GRETCHEN HILLDEBRAND	916-691-5615
SEWER	SACRAMENTO AREA SEWER DISTRICT	ROB ESPINOZA	916-876-6386
TRANSIT	e-TRAN	JEAN FOLETTA	916-687-3030
WATER	ELK GROVE WATER SERVICE	BRUCE KAMILOS	916-585-9385
WATER	SACRAMENTO COUNTY WATER AGENCY	IMELDA TABBADA	916-874-4261
U.S.A.	UNDERGROUND SERVICE ALERT	811 or 1-800-22	7-2600

AB - aggregate base

IMPROVEMENT PLANS FOR:

INVESTIGATION BORINGS / MONITORING WELLS

IMPROVEMENTS PROJECT

WDR019

ABBREVIATIONS LIST:

PVC - polyvinyl chloride

sch - schedule SD - storm drain

SRI — Silica Resources Incorporated

(Typ) — typical w/ - with

SHEET INDEX:

1. TITLE SHEET

SITE 1: STRAWBERRY CREEK WATER QUALITY BASIN
2. VICINITY MAP, AERIAL VIEW & SITE LAYOUT PLAN

SITE 2: CITY OF ELK GROVE CORPORATION YARD
3. VICINITY MAP, AERIAL VIEW & SITE LAYOUT PLAN

<u>DETAILS:</u>
4. INVESTIGATION BORINGS PROFILES

5. INVESTIGATION BORINGS STANDARD CONSTRUCTION DETAILS

100% SUBMITTAL SEPTEMBER 2013

INVESTIGATION BORINGS / MONITORING WELLS

DATE:	SHEET:
SEPTEMBER 2013	1
SCALE:	
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PROJECT No.:	5
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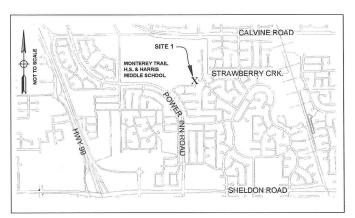
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

UHDORFF & SCALMANIN CONSULTING ENGINEERS 500 FIRST STREET WOODLAND, CALIFORNIA PHONE: (530) 661-0109

CHECKED:

IMPROVEMENTS PROJECT

TITLE SHEET

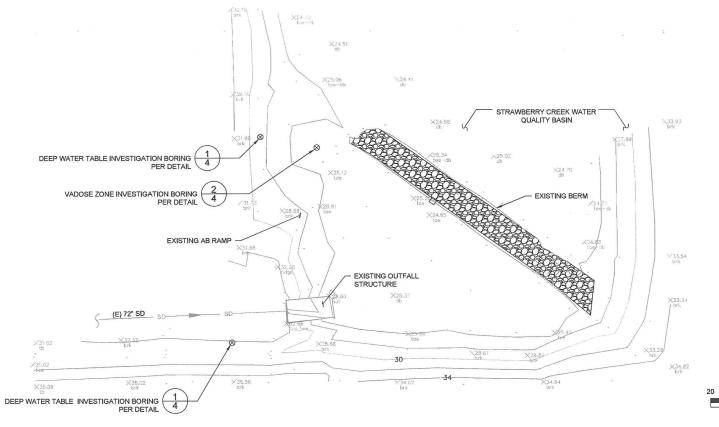


NOTES:

- CONTRACTOR TO VERIFY EXISTING
 UTILITIES PRIOR TO COMMENCEMENT
 OF WORK
- INVESTIGATION BORING LOCATIONS TO BE CONFIRMED BY DESIGN ENGINEER PRIOR TO CONSTRUCTION.

SITE 1 - VICINITY MAP
STRAWBERRY CREEK WATER QUALITY BASIN





UPGRADIENT DEEP WATER TABLE

INVESTIGATION BORING PER DETAIL

SITE 1 - AERIAL VIEW

STRAWBERRY CREEK WATER QUALITY BASIN

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LUHDORFF & SCALMANINI CONSULTING ENGINEERS
500 FIRST STREET
WOODLAND, CALIFORNIA
PHONE: (530) 661-0109

DESIGNED: .	
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SUBMITTAL SEPTEMBER 2013

NO. 9974

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TOP CALIFORNIA

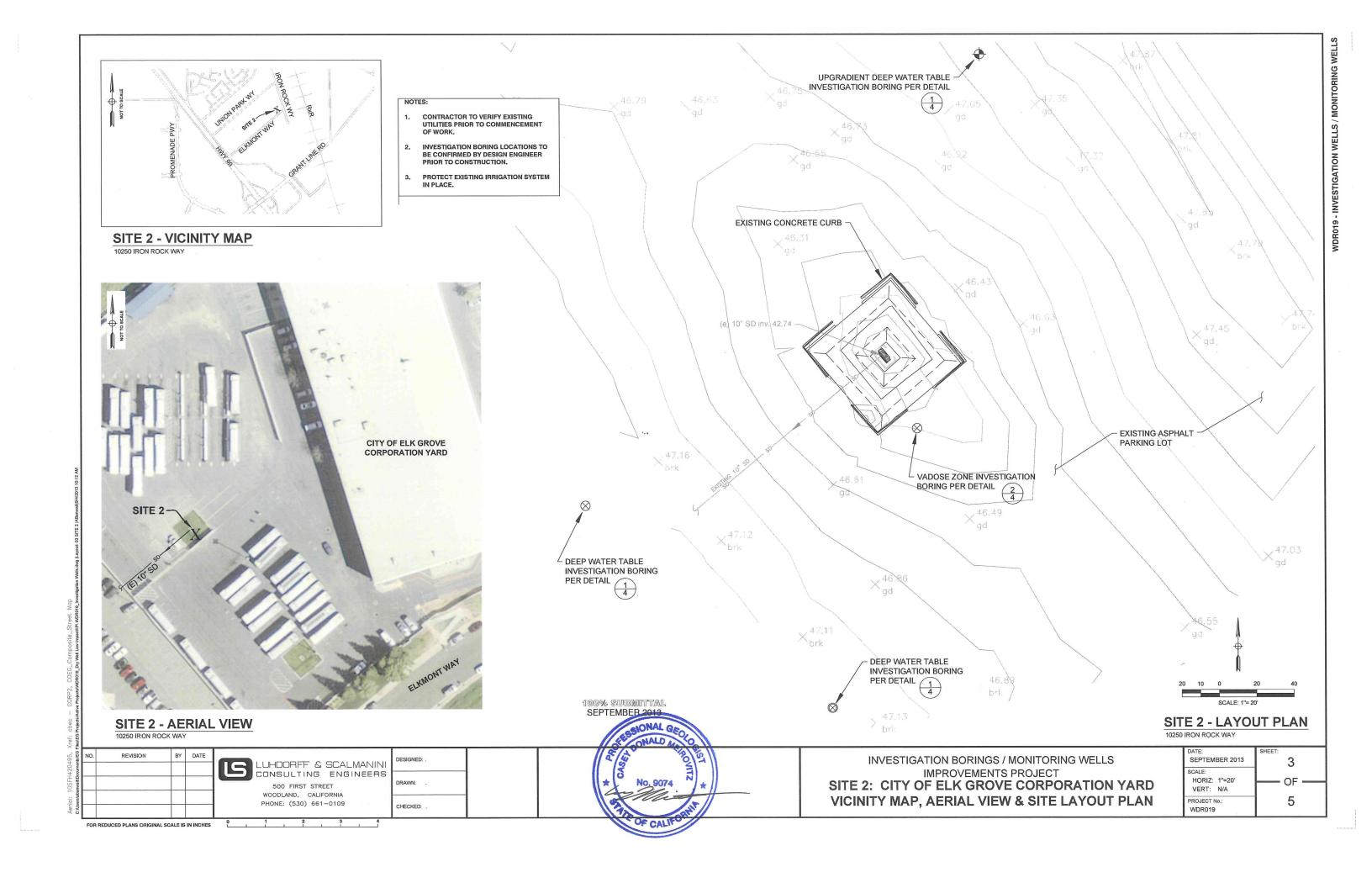
SITE 1 - LAYOUT PLAN
STRAWBERRY CREEK WATER QUALITY BASIN

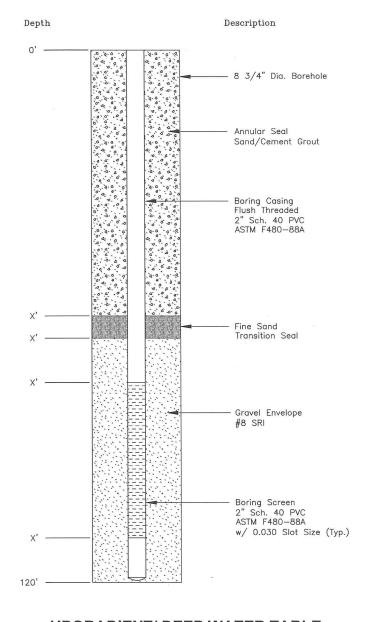
INVESTIGATION BORINGS / MONITORING WELLS
IMPROVEMENTS PROJECT
SITE 1: STRAWBERRY CREEK WATER QUALITY BASIN
VICINITY MAP, AERIAL VIEW & SITE LAYOUT PLAN

DATE: SEPTEMBER 2013	SHEET:
SCALE: HORIZ: 1"= 20' VERT: N/A	of
PROJECT No.: WDR019	5

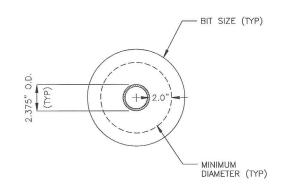
Aerial: 10SFH39055, Xref: Straw Base Exploded, COEG

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES





2 VADOSE ZONE INVESTIGATION BORING
NOT TO SCALE



3 INVESTIGATION BORING PLAN VIEW NOT TO SCALE

INVESTIGATION BORING DIMENSIONS

MIN. DIAMETER	6.375"
BIT SIZE	8-3/4"

UPGRADIENT/ DEEP WATER TABLE INVESTIGATION BORING

NOT TO SCALE

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NO. REVISION BY DATE

| SOUTH | SOUTH

INVESTIGATION BORINGS / MONITORING WELLS
IMPROVEMENTS PROJECT
INVESTIGATION BORINGS
PROFILES

DATE:
SEPTEMBER 2013

SCALE:
HORIZ: N/A
VERT: N/A

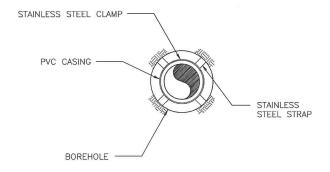
PROJECT No.:
WDR019

SHEET:

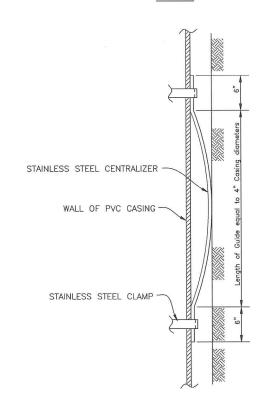
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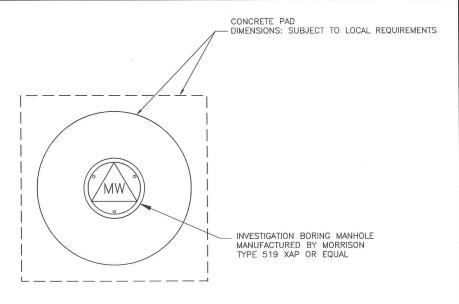


PLAN

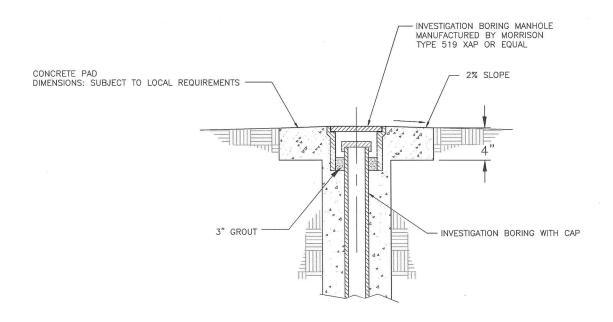


PROFILE





PLAN



FLUSH-MOUNT PROFILE

INVESTIGATION BORING SURFACE COMPLETION DETAILS NOT TO SCALE

LUHDORFF & SCALMANINI CONSULTING ENGINEERS 500 FIRST STREET

CHECKED:

INVESTIGATION BORINGS / MONITORING WELLS **IMPROVEMENTS PROJECT INVESTIGATION BORINGS** STANDARD CONSTRUCTION DETAILS

SEPTEMBER 2013 5 SCALE: HORIZ: N/A VERT: N/A 5 PROJECT No.: WDR019

REVISION BY DATE

WOODLAND, CALIFORNIA PHONE: (530) 661-0109

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