

## GENERAL NOTES

- APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
- THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICES, INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT OF 1973 AND AMENDMENTS THERE TO (16 USC SECTION 1531 ET SEQ.)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, A LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
- IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT ID. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.
- "PUBLIC IMPROVEMENT SUBJECT TO DESLUTTER OR DAMAGE," IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT-ISSUING AUTHORITY.
- ALL EXISTING AND/OR PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH SECTION 144.0240 OF THE MUNICIPAL CODE.
- PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.
- DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE CITY INSPECTOR.
- AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE CITY OF SAN DIEGO.
- THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CALIFORNIA DEPARTMENT OF FISH AND GAME, COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL UTILITY BOXES SERVING AS HANDHOLES THAT ARE NOT IN "AS-BUILT" CONDITION IN SIDEWALK, DAMAGED BOXES, OR THOSE THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE SHALL BE REMOVED AND REPLACED WITH NEW BOXES, INCLUDING WATER, SEWER, TRAFFIC SIGNALS, STREET LIGHTS, DRY UTILITIES-SODAK, COX, ETC. ALL NEW METAL LIDS SHALL BE SLIP RESISTANT (FRICTION FACTOR >= 0.50) AND INSTALLED FLUSH WITH SIDEWALK GRADE. IF A SLIP RESISTANT METAL LID IS NOT COMMERCIALY AVAILABLE FOR THAT USE, NEW BOXES AND LIDS SHALL BE INSTALLED.

STREET ADT DATA TABLE				
STREET NAME	CLASSIFICATION	ADT (VEHICLES)	RIGHT-OF-WAY (FT)	85TH PRECINCTILE SPEED (MPH)
TORREY PINES SCENIC DRIVE	UNCLASSIFIED	< 5,000	60'	---
NORTH TORREY PINES ROAD (SOUTH OF GENESEE AVE.)	6 -- LANE MAJOR	17,230	102' -- 104.6'	NB -- 44 SB -- 45
GENESEE AVENUE	6 -- PRIMARY ARTERIAL	33,150	133'	EB -- 55 WB -- 53

## REFERENCE DRAWINGS

25865-D, 27840-D, 29428-D, AND MAP NO. 12911

## TOPOGRAPHY

PROJECT DESIGN CONSULTANTS  
PHOTOGRAMMETRY DEPARTMENT, DATE FLOWN 05-10-08  
FIELD SURVEY SHOTS DATED 03-11-08, 06-18-08, 01-27-09, AND 02-18-09

## BENCHMARK

LOCATION: TORREY PINES SCENIC DRIVE  
INDEX: 2638/16952  
ELEVATION : 374.191

## ASSESSOR'S PARCEL NO.

342-010-18

## IMPORTANT NOTICE

SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID.  
FOR YOUR DIG ALERT ID. NUMBER, CALL UNDERGROUND SERVICE ALERT:  
TOLL FREE 1-800-422-4133 TWO (2) WORKING DAYS BEFORE YOU DIG.

## CONTRACTOR'S NOTE

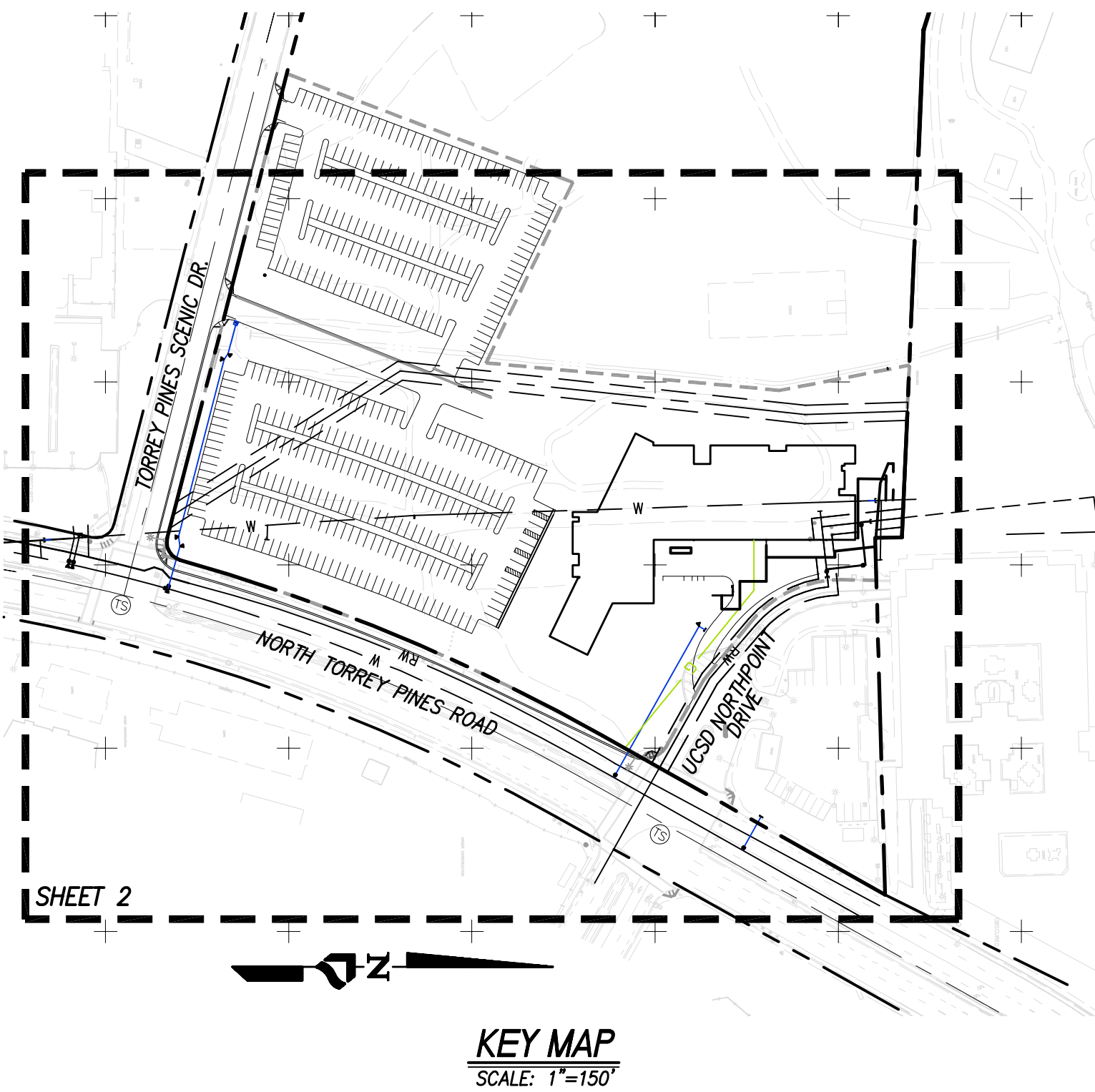
UNAUTHORIZED CHANGES & USES:  
THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CITY OF SAN DIEGO HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF CITY OF SAN DIEGO PROFESSIONAL.

California Council  
of Civil Engineers  
& Land Surveyors

P:\3658\ENGR\PLANS\Imp\_WTR\_Traffic\3658\_WTR\_Traffic01.dwg 5/5/2009 4:52:07 PM

# PUBLIC IMPROVEMENT PLANS FOR: SANFORD CONSORTIUM FOR REGENERATIVE MEDICINE SAN DIEGO, CALIFORNIA



## SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	WATER ABANDONMENT PLAN
3	PLAN AND PROFILE SHEET
101	TRAFFIC CONTROL PLAN
102	TRAFFIC CONTROL PLAN

## LEGAL DESCRIPTION

LOT 1324 OF THE PUEBLO LANDS OF SAN DIEGO

## APPLICANT

HENSEL PHELPS CONSTRUCTION CO.  
2880 TORREY PINES SCENIC DR.  
LA JOLLA, CA 92037 -- JOBSITE  
P.O. BOX 12139  
LA JOLLA, CA 92039-2139 -- MAILING  
TEL. NO. (858) 678-0171  
FAX NO. (858) 678-0378

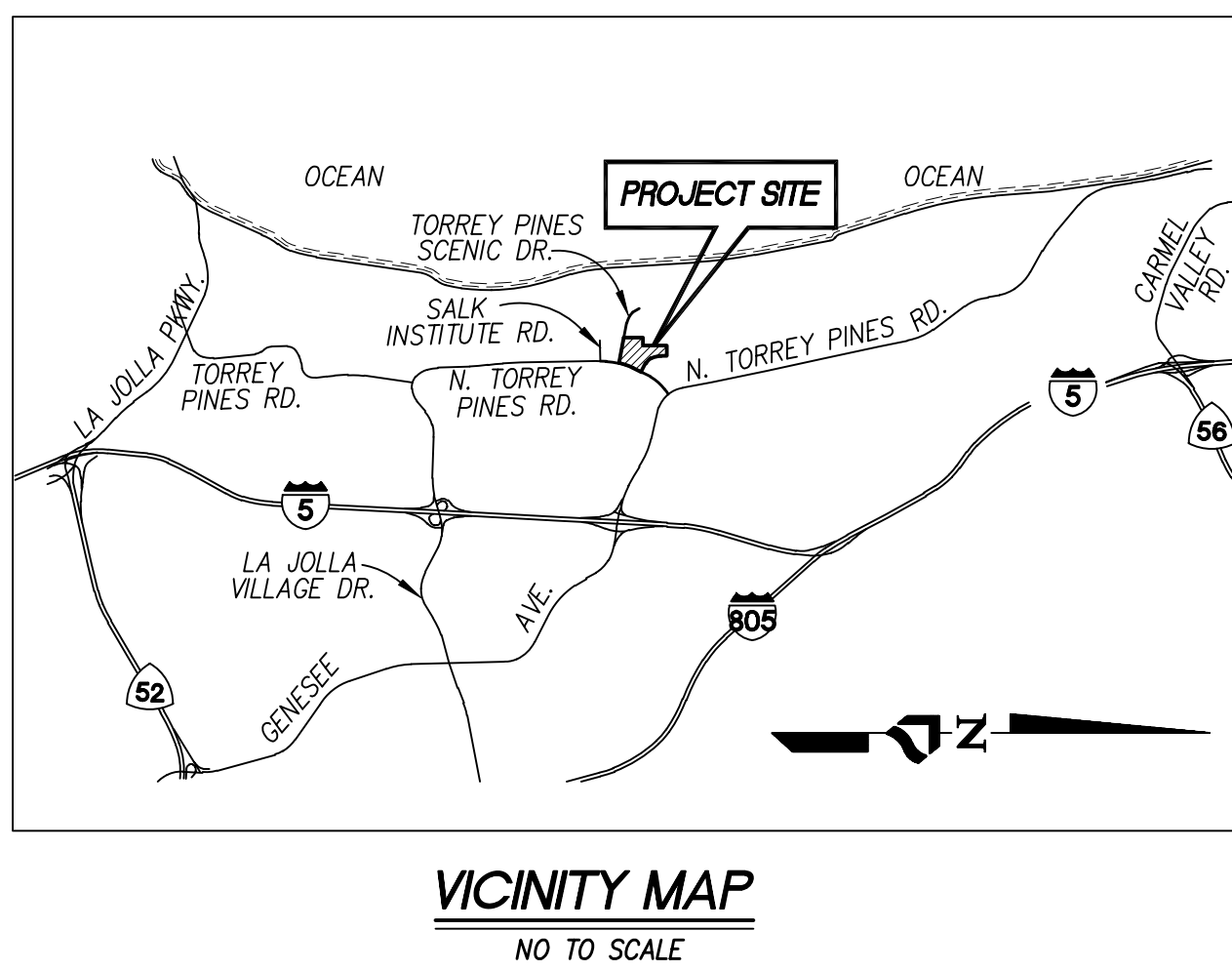
## OWNER

UCSD  
9500 GILMAN DRIVE  
SAN DIEGO, CALIFORNIA 92037  
(658) 822-2983

## SPECIAL NOTES FOR CONTRACTOR

- CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS WORKING ON THE SITE, INCLUDING GRADING, DRAINAGE, LANDSCAPING AND IRRIGATION.
- THE DEVELOPER SHALL COMPLY WITH ALL SAN DIEGO COUNTY APCD MEASURES REGARDING CONTROL OF NUISANCE FROM THE GENERATION OF DUST AND FUMES DURING CONSTRUCTION. DUST CONTROL MEASURES CAPABLE OF ATTAINING DUST CONTROL EFFICIENCIES OF 75 PERCENT SHALL BE IMPLEMENTED. MEASURES SHALL INCLUDE: (1) TWICE-DAILY WATERING OF DISTURBANCE AREA, AND (2) CHEMICAL STABILIZATION OF OFF-ROAD HAUL ROUTES.
- PAVING IN ALL AREAS WITHIN PUBLIC EASEMENT WHERE THERE IS PAVING, SHALL BE PER SOH. J (SDG-113).

CONSTRUCTION CHANGE TABLE			
CHANGE	DATE	SHEET NUMBERS REVISED OR ADDED THIS CHANGE	



## WATER AND SEWER NOTES

- LOCATE WATER SERVICE (METER BOX) AND SEWER HOUSE CONNECTIONS (SEWER CLEANOUT) OUT OF DRIVEWAYS. THE SEWER HOUSE CONNECTIONS SHALL BE A MINIMUM OF 5 FEET DOWNHILL FROM THE WATER SERVICE.
- ALL CONNECTIONS TO EXISTING WATER MAINS ARE TO BE DONE BY THE CITY'S WATER DEPARTMENT FOR WHICH THE FOLLOWING FEES WILL BE CHARGED. IF THE CONNECTIONS ARE NOT READY TO BE MADE AND THE FEES PAID BEFORE 4-3-2010 THE CITY RESERVES THE RIGHT TO ADJUST THE FEES ACCORDING TO THE FEE SCHEDULE IN EFFECT AT THE TIME THE CONNECTION IS MADE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXPOSE THE EXISTING MAIN AT THE CONNECTION POINT AND TO INSTALL THE NEW MAIN AT THE ALIGNMENT AND GRADE, WHICH WILL PERMIT THE CITY TO MAKE A "STRAIGHT-IN" CONNECTION WITHOUT USING MORE THAN 10 LINEAL FEET OF PIPE.

(COST)	(TYPE OF CONNECTION)	(SHEET)
ITEM NO. 1: \$ 5,107	PERMANENT 10" CUT AND PLUG	2
ITEM NO. 2: \$ 5,107	TEMPORARY 10" CUT AND PLUG	2
ITEM NO. 3: \$ 6,725	10"x10" STRAIGHT-IN CONNECTION	2
ITEM NO. 4: \$ 5,107	TEMPORARY 10" CUT AND PLUG	2
ITEM NO. 5: \$ 5,725	10"x10" STRAIGHT-IN CONNECTION	2
ITEM NO. 6: \$ 318	10" WET TAP	3
ITEM NO. 7: \$ 318	10" WET TAP	3
ITEM NO. 8: \$ 5,107	PERMANENT 10" CUT AND PLUG	3
ITEM NO. 9: \$ 8,181	16"x8" TEE CUT IN	3

CONTRACTOR TO SET SADDLE/TAPPING SLEEVE AND CORP. STOP/TAPPING VALVE FOR ALL WET TAPS.

3. ALL VALVES WILL BE FLANGED TO CROSSES AND TEES. ONLY GATE VALVES SHALL BE USED IN FIRE HYDRANT INSTALLATIONS.

4. ALL BURIED DUCTILE AND GRAY CAST IRON FITTINGS, VALVES AND APPURTENANCES SHALL BE COATED WITH A DIELECTRIC COATING. A LIQUID EPOXY COATING SYSTEM PER AWWA C-210 AT 24 MILS MINIMUM DRY FILM THICKNESS (ADFT), OR A COLD APPLIED THREE PART SYSTEM PETROLEUM WAX TAPE PER AWWA C-217, OR A 100% POLYURETHANE COATING OF 24 MILS NOT SUITABLE FOR BURIED USE.

5. ALL PROPOSED WATER AND SEWER FACILITY INSTALLATIONS SHALL BE CONSTRUCTED WITH MATERIALS CURRENTLY LISTED IN THE MOST CURRENT EDITION OF THE CITY OF SAN DIEGO WATER UTILITIES DEPARTMENT APPROVED MATERIALS LIST AS REFERENCED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. RECENT REVISIONS INCLUDE BUT ARE NOT LIMITED TO THE REQUIREMENT FOR POLYMER CONCRETE WATER METER BOXES INSTEAD OF STANDARD PRECAST CONCRETE WATER METER BOXES.

## DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.



PROJECT DESIGN CONSULTANTS  
Planning | Landscape Architecture | Engineering | Survey

701 B Street, Suite 800  
San Diego, CA 92101  
619.228.6471 Tel  
619.228.0440 Fax

DATE	REGISTERED	DESIGNED BY	IN REVIEW	SURVEY REVIEW
12-31-09	12-31-09	LISA W. LENCIK, R.E. S4320		

CONSTRUCTION SITE PRIORITY: LOW  
BUILDING PLAN FILE NO. P.T.S. NO.: \_\_\_\_\_  
ENGINEERING PERMIT NO.: \_\_\_\_\_

## PRIVATE CONTRACT

WATER & RECLAIMED WATER RELOCATION PLAN FOR:

SANFORD CONSORTIUM FOR REGENERATIVE MEDICINE

LOT 1324 OF THE PUEBLO LANDS OF SAN DIEGO

CITY OF SAN DIEGO, CALIFORNIA  
DEVELOPMENT SERVICES DEPARTMENT  
SHEET 1 OF 5 SHEETS

FOR CITY ENGINEER DATE T.M.W.

DESCRIPTION BY APPROVED DATE FILMED

ORIGINAL PDC

AS-BUILTS PDC

CONTRACTOR INSPECTOR DATE STARTED DATE COMPLETED

34961-1 -D