


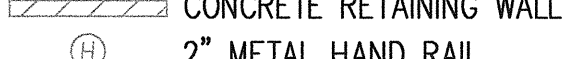



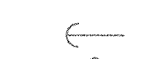

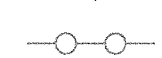

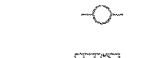

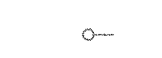









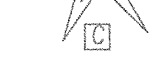





























FILE: A:\106-1\106097 Multicare ED\Design\CAO2\Draws\DOT WD STD DETAILS.dwg
DATE & TIME: Sep 24, 2008 - 1:10pm
PLOTTER: B7i oliverd

LEGEND AND ABBREVIATIONS

EXISTING		PROPOSED	
	FIELD LOCATED MONUMENT AS NOTED		ROCKERY
	STORM VAULT		CONCRETE RETAINING WALL
	FOUND REBAR & CAP		2" METAL HAND RAIL
	STORM MANHOLE		GAS VALVE
	STORM CATCH BASIN		STORM CLEAN OUT
	SANITARY SEWER MANHOLE		GUY WIRE
	FIRE HYDRANT		WATER BLOW OFF
	WATER VALVE		CHAIN LINK FENCE
	IRRIGATION CONTROL VALVE		POWER POLE
	WATER METER		MAIL BOX
	FIRE DEPARTMENT CONNECTION		ELECTRIC SWITCH
	POST INDICATOR VALVE		FILLER CAP
	POWER METER		ACCESS MANHOLE
	GAS VALVE		GROUND HOLE CAP
	ELECTRIC TRANSFORMER		PVC CONDUIT
	EXISTING PAINTED WATER LINE		DECIDUOUS LANDSCAPE TREE
	EXISTING PAINTED GAS LINE		EVERGREEN LANDSCAPE TREE
	EXISTING PAINTED CABLE LINE		CABLE TV RISER
	EXISTING PAINTED ELECTRIC LINE		
	EXISTING PAINTED TELEPHONE LINE		
	EXISTING SANITARY SEWER LINE		
	EXISTING STORM LINE		
	YARD LIGHT		
	JUNCTION BOX		
	POWER VAULT		
	TELEPHONE MANHOLE		
	TELEPHONE RISER		
	POWER MANHOLE		
	SIGN		
	POWER TRANSFORMER		
	LIGHT POLE		
	SIGNAL POLE		
	ELECTRIC JUNCTION BOX		

CONSTRUCTION SEQUENCE:

1. ARRANGE NECESSARY PRE-CONSTRUCTION MEETINGS WITH THE CITY OF TACOMA CONSTRUCTION DIVISION AND BUILDING AND LAND USE SERVICE, TACOMA POWER, TACOMA WATER, MULTICARE HEALTH SYSTEMS, ARCHITECT, AND ENGINEER.
2. STAKE PROJECT LIMITS PRIOR TO BEGINNING CONSTRUCTION.
3. NOTIFY MULTICARE HELTH SYSTEMS IN WRITING ABOUT SCHEDULED UTILITY AND ROAD CLOSURES AT LEAST 14 DAYS PRIOR TO CONSTRUCTION.
4. INSTALL ALL APPLICABLE TESC FACILITIES PER BUILDING PERMIT PLANS. MAINTAIN ALL TESC FACILITIES DURING THE LENGTH OF THE CONSTRUCTION PROCESS. ADDITIONAL FACILITIES MAY BE REQUIRED AS FIELD CONDITIONS WARRANT.
5. CONSTRUCT TEMPORARY UTILITIES AND DEMOLISH UTILITIES PER APPROVED PLANS. COORDINATE UTILITY DISRUPTIONS WITH UTILITY PROVIDERS AND ADJACENT PROPERTY OWNERS AT LEAST 14 DAYS PRIOR TO CONSTRUCTION.
6. COORDINATE INSTALLATION OF UTILITIES WITH UTILITY PROVIDERS, KEEPING MULTICARE HEALTH SYSTEMS AND ARCHITECT INFORMED OF ALL TASKS.
7. REMOVE TEMPORARY UTILITIES AFTER REPLACEMENT UTILITIES ARE IN PLACE. INSTALL ALL NEW CURB, GUTTER, SIDEWALK, AND PAVEMENT.
8. REMOVE TESC FACILITIES ONLY AFTER OBTAINING FINAL APPROVAL FROM CITY INSPECTOR.

ELEVATION DATUM

CITY OF TACOMA DATUM (NAVD 29)
BENCHMARK NO. 2472- COPPER NAIL IN CASE
@ 6TH AVE & S 1ST STREET
ELEVATION = 351.436

TBM "A" SET TEMPORARY BENCHMARK, TOP SW BOLT OF
1-3 @ SW CORNER OF INTERSECTION OF
J STREET & 6TH AVENUE
ELEVATION = 318.51

BASIS OF BEARING

PUBLISHED WA STATE PLANE COORDINATES
(NETWORK NAD83/91)
MONUMENT #1434 N 708895.6540 E 1155348.1940
MONUMENT #1432 N 709364.3960 E 1156012.2390
BASED ON PUBLISHED VALUES FROM CITY OF TACOMA

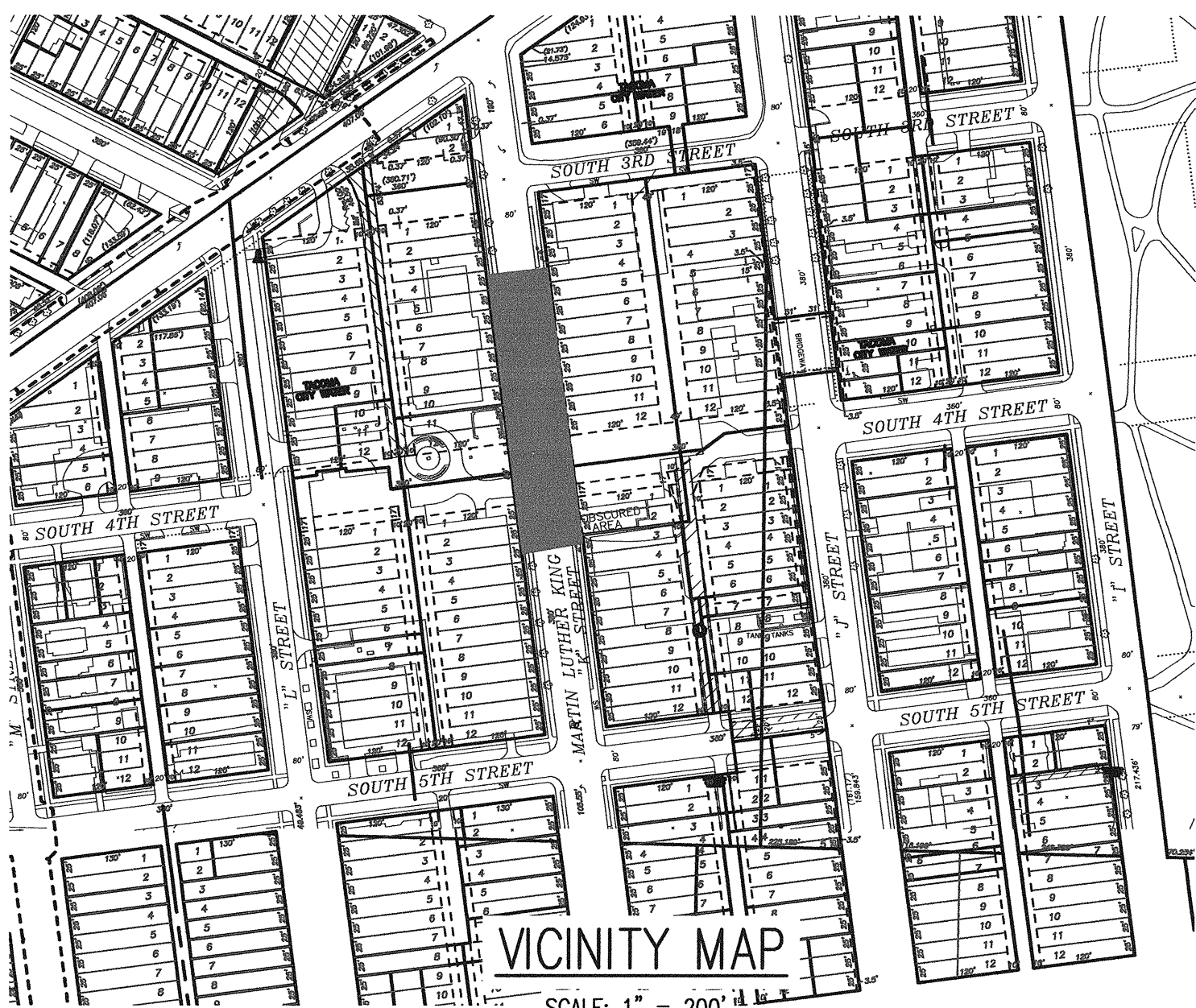
UTILITY CONTACTS:

SHEET INDEX:

- 1 COVER
- 2 STANDARD NOTES
- 3 SURVEY AND HORIZONTAL CONTROL PLAN
- 4 DEMOLITION PLAN
- 5 PLAN AND PROFILE
- 6 CURVE DATA TABLE AND SPOT ELEVATIONS
- 7 CITY OF TACOMA STANDARD DETAILS
- 8 CITY OF TACOMA STANDARD DETAILS
- 9 MISCELLANEOUS DETAILS

GENERAL PLAN NOTES

1. COORDINATE ALL WORK WITH ON-SITE DOCUMENTS FOR BUILDING PERMITS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE NOTIFICATION AND COORDINATION WITH THE CITY OF TACOMA.
3. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2006 WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AS MODIFIED FOR USE BY THE CITY OF TACOMA AND THE CITY OF TACOMA STANDARD PLANS.
4. A COPY OF THE APPROVED PLANS AND SPECIFICATIONS SHALL BE ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
6. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OR THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
7. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF UTILITIES BY CONTACTING A UTILITY LOCATE SERVICE AND SHALL PROVIDE SUFFICIENT NOTIFICATION TO THE APPROPRIATE UTILITY COMPANY PRIOR TO STARTING WORK.
8. THE CONTRACTOR SHALL NOTIFY THE TACOMA FIRE DEPARTMENT (253) 591-5737 24 HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE FIRE DEPARTMENT OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
9. THE CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE ACCESS ON ALL AFFECTED STREETS AT ALL TIMES.
10. MAINTAIN AND PROTECT ALL MANHOLES, CATCH BASINS, FIRE HYDRANTS, MONITORING WELLS, WATER VALVES, PIPING, SURVEY MONUMENTS, TRAFFIC CONTROL BOXES, WATER METERS AND ENGINEER OTHER IMPROVEMENTS UNLESS OTHERWISE NOTED ON THE PLANS. CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY THE CONSTRUCTION OPERATIONS AT NO ADDITIONAL COST TO THE OWNER.
11. SEE ELECTRICAL PLANS FOR RELOCATION OF STREET LIGHTING.
12. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 24 MONTHS FROM THE DATE OF CITY APPROVAL. THE CITY RESERVES THE RIGHT TO REQUIRE REVISIONS, ADDITIONS, DELETIONS, OR MODIFICATIONS SHOULD CONSTRUCTION BE DELAYED BEYOND THIS TIME LIMITATION OR IF FIELD CONDITIONS ARE DIFFERENT FROM WHAT IS DEPICTED ON THESE PLANS.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TRAFFIC CONTROL PLAN TO THE CITY THAT MEETS THE CRITERIA OF PAGES 9-13 OF THE CITY OF TACOMA DESIGN MANUAL. CONTACT FOR SPECIFIC TRAFFIC CONTROL REQUIREMENTS FOR THIS PROJECT. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED AND APPROVED PRIOR TO COMMENCING WORK.



TRAFFIC CONTROL NOTES

GENERAL SPECIFICATIONS:
THE FOLLOWING SPECIAL TRAFFIC CONTROLS SHALL SUPPLEMENT SECTIONS 1-07.23 AND 1-10 OF THE WSDOT/APWA STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY ENGINEER. ALL TRAFFIC CONTROL DEVICES MUST MEET THE REQUIREMENTS ESTABLISHED BY THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. MUST BE ON SITE AND ACCESSIBLE FOR INSPECTION AT ALL TIMES BY LAW ENFORCEMENT OR INSPECTORS.

NO ACTIVITY WILL BE PLACED IN SUCH A WAY AS TO DETOUR, SLOW, OR ALTER TRAFFIC FLOW DURING PEAK COMMUTE HOURS. THESE TIMES ARE GENERALLY FROM 7 A.M. TO 9 A.M. AND 4 P.M. AND 6 P.M. THE TRAFFIC ENGINEER MAY ALLOW AN EXCEPTION WITH PRIOR APPROVAL.

PERSONS IN CHARGE OF MAINTAINING OR ESTABLISHING TRAFFIC CONTROL AND CHANNELIZATION MUST HAVE A CERTIFIED FLAGGER CONTROL CARD IN THEIR POSSESSION AND MUST BE ON THE SITE AT ALL TIMES OR BE REPRESENTED BY ANOTHER KNOWLEDGEABLE CERTIFIED PERSON.

A FLAGGER CANNOT BE USED TO DIRECT TRAFFIC FLOW THROUGH A SIGNALIZED INTERSECTION AGAINST THE SIGNAL INDICATIONS. WHEN FLAGGERS ARE USED NEAR SIGNALIZED INTERSECTIONS, CARE WILL BE USED TO CLEAR THE INTERSECTION OF TRAFFIC BEFORE THE SIGNAL CHANGE. IN SOME SITUATIONS, THE TRAFFIC SIGNAL SECTION MAY TURN THE SIGNAL TO AN ALL WAY STOP FOR FLAGGER CONTROL. PRIOR APPROVAL MUST BE OBTAINED FROM THE TRAFFIC ENGINEER.

A UNIFORMED POLICE OFFICER IS REQUIRED TO DIRECT TRAFFIC THROUGH A SIGNALIZED INTERSECTION AGAINST THE SIGNAL INDICATIONS. POLICE OFFICERS MAY ALSO BE REQUIRED DURING ACTIVITIES FOR TRAFFIC CALMING IF SPEEDS ARE HIGH, PEDESTRIAN OR VEHICULAR VOLUME IS EXTREMELY HIGH, OR DURING EMERGENCIES.

THE CONTRACTOR SHALL COORDINATE ANY CLOSURES AND COOPERATE WITH THE VARIOUS BUSINESSES AND/OR RESIDENCES ADJACENT TO THE PROJECT SITE. A MINIMUM OF ONE ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES AT ALL TIMES.

THREE (3) WORKING DAYS PRIOR TO ANY STREET CLOSURE, THE CONTRACTOR SHALL NOTIFY :

TRAFFIC ENGINEERING (591-5500)
TACOMA FIRE DEPT. (627-0151)
TACOMA POLICE DEPT. (591-5951)
EMERGENCY DISPATCH (593-4721 - OPT.#3)
SCHOOL TRANSPORTATION OFFICE (596-1855)
PIERCE TRANSIT (581-8021)
TACOMA REFUSE (591-5544)

ADDITIONAL REQUIREMENTS:

SPECIAL TRAFFIC CONTROL PROVISIONS WILL BE DETERMINED PRIOR TO PERMIT SUBMITTAL, AND WILL BE OUTLINED HERE.

FAILURE TO COMPLY THESE SPECIFICATIONS IS A TRAFFIC INFRACTION AND, NOT WITHSTANDING ANY FINES OR PENALTIES LEVED AGAINST THE PERSON, FIRM OR CORPORATION INVOLVED, IF A SAFETY HAZARD EXISTS, THE WORK MAY BE ORDERED STOPPED AND THE OBSTRUCTION CLEARED BY THE PERSON, FIRM OR CORPORATION RESPONSIBLE OR BY THE CITY AT THAT RESPONSIBLE PARTY'S EXPENSE.

kpff Consulting Engineers
1201 Pacific Avenue, Suite 800
Tacoma, Washington 98402
(253) 396-0150 Fax (253) 396-0162

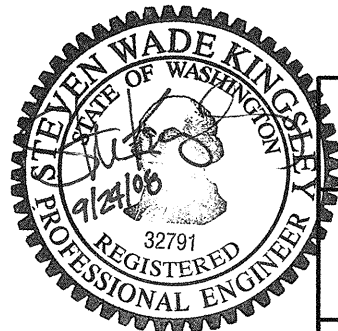
CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

NO
REVISION
DATE
APPD

FINAL
CONSTRUCTION
CHECKED
BY
DATE
FIELD
BOOKS

DATE
9/26/08
DESIGNED
ABO
DRAWN
REB

CHECKED
AS SHOWN
FILE NAME
SWK



CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS

MULTICARE MEDICAL CENTER

EMERGENCY DEPARTMENT & CANCER CARE CENTER EXPANSION
COVER SHEET

SHEET NO.
SHEET 1 OF 9