

**THESE DRAWINGS CAN BE FOUND IN THE SEPARATE
ELECTRONIC PDF ON THE GSD WEBSITE**

**DRAWINGS
LOCATION SPECIFIC HYDRANT
REPLACEMENT SHEETS**



CONSTRUCTION NOTES:

1. ALL LOCATIONS OF WATERLINES AND VALVES ARE APPROXIMATE. SIGNIFICANT POTHOLING WILL BE NECESSARY TO DETERMINE LOCATION, SIZE, & TYPE OF WATERLINE TO BE CONNECTED TO.
2. CONTRACTOR RESPONSIBLE FOR COMPLETING POTHOLING AND VERIFYING NECESSARY INFORMATION PRIOR TO ORDERING PARTS. CONTRACTOR MUST POTHOLE UNTIL THE WATERLINES ARE FOUND.
3. ALL APPURTINENT PARTS THAT ARE NEEDED TO COMPLETE THE INSTALLATION OF THE FIRE HYDRANT AND VALVE ARE THE CONTRACTOR'S RESPONSIBILITY.
4. CONTRACTOR SHALL CONTACT USA PRIOR TO ANY UNDERGROUND WORK.

HYDRANT REPLACEMENT LOCATIONS

1. SPROWEL CREEK RD & RIVERVIEW
2. REDWOOD DR. @ HUMBOLDT REDWOODS INN
3. ALDERPOINT RD. @ TANK DRIVEWAY
4. SPROWEL CREEK RD @ BAKER LANE
5. REDWOOD DR. @ CALICO'S
6. LOCUST @ FIRE DEPT.
7. REDWOOD DR. @ HWY 101 OC/BEAR CREEK RD.
8. WALLEN RD. @1221



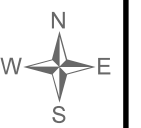
Garberville Sanitary District
 P.O. Box 211, Garberville, Ca 95542
 Phone: (707)923-9566 www.garbervillesd.org

Project Name:
Measure Z Hydrant Replacement Project

Drawn By
 J. SHORT

Date
 12/15/17

Scale
 1:7,200



Location
OVER VIEW



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1:500



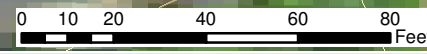
Location
1



CONNECT TO <E> 8" WL IN SPROWEL CREEK RD.
 USING SADDLE TAP

CONSTRUCTION NOTES:
 1. REMOVE <E> HYDRANT & GV FOR HYDRANT & CAP <E> WL
 2. INSTALL <N> 6" C900 WL FROM <N> 6" GV TO <E> 8" WL IN SPROWEL CREEK RD.
 3. INSTALL <N> 6" GV AND HYDRANT
 4. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - WtrMtr
 - SanSwrCO
 - <E> 8" C900 WATER LINE
 - HUMCO APNs



CONSTRUCTION NOTES:
 4. INSTALL <N> 6" C900 WL FROM
 <N> HYDRANT AND GV TO <E> 8" WL
 WITH SADDLE TAP



CONSTRUCTION NOTES:
 1. REMOVE <E> HYDRANT & VALVE
 2. CAP <E> WL
 3. INSTALL NEW HYDRANT, <N> GV, AND
 <N> 6X4 TEE WITH BLIND FLANGE
 ON <N> 6" C900 WL



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Scale



Location
1



CONSTRUCTION NOTES:

1. POT HOLE BEHIND SIDEWALK UNTIL <E> 6" WL IS FOUND.
2. INSTALL <N> 6" GV ON <E> 6" WL
3. INSTALL <N> 8" C900 WL FROM <N> GV TO <E> 8" WL IN REDWOOD DR.
4. RECONNECT <E> WM TO <N> 6" WL
5. REMOVE <E> HYDRANT & ISOLATION VALVE FOR HYDRANT & CAP <E> WL
6. INSTALL <N> 6" GV AND HYDRANT OFF <N> 8" WL
7. REPLACE WHOLE SIDEWALK PANELS FROM BACK OF CURB TO BACK OF WALK IN ALL AREAS IMPACTED BY CONSTRUCTION.
8. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

CONNECT TO <E> 8" WL IN REDWOOD DR. MAY REQUIRE CUSTOM FABRICATED CONNECTION

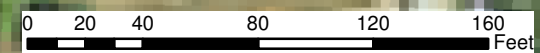
<E> 6" WL WILL BE FULL OF WATER WHEN SHUTOFF & WILL NEED TO BE EMPTIED TO COMPLETE WORK INDICATED

MAIN WATER STORAGE TANK

SHUTOFF VALVE FOR <E> 6" WL

REDWOOD DR.

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - WtrMtr
 - SanSwrCO
 - HUMCO APNs





CONSTRUCTION NOTES:
 1. POTHOLE BEHIND SIDEWALK UNTIL <E> 6" WL IS FOUND.
 2. INSTALL <N> 6" GV ON <E> 6" WL

<E> 6" WL WILL BE FULL OF WATER WHEN SHUTOFF & WILL NEED TO BE EMPTIED TO COMPLETE WORK INDICATED



REDWOOD DR.

7. Replace whole sidewalk panels from back back of curb to back of walk in all areas impacted by construction. AREA IN YELLOW IS MINIMUM CONCRETE REPLACEMENT AREA

CONNECT TO <E> 8" WL IN REDWOOD DR. AND ADD <N> BLIND FLANGE OFF END OF CONNECTION.

WILL LIKELY REQUIRE CUSTOM FABRICATED CONNECTION.

CONTRACTOR TO SUBMIT LAYOUT OF SPECIAL CONNECTION, ALL <N> WATERLINES, VALVES, TEES, WYES, ETC. FOR GENERAL MANAGER APPROVAL PRIOR TO ORDERING PARTS.

CONSTRUCTION NOTES:
 3. INSTALL <N> 8" C900 WL FROM <N> GV TO <E> 8" WL IN REDWOOD DR.
 5. REMOVE <E> 6" WL, HYDRANT & ISOLATION VALVE FOR HYDRANT
 6. INSTALL <N> 6" GV AND HYDRANT OFF <N> 8" WL
 8. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

4. RECONNECT <E> WM TO <N> 6" WL

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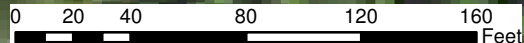
Location
2



CONSTRUCTION NOTES:
 1. INSTALL APPROX 60' OF <N> 6" C900 WL FROM <E> 6" DI WL TO BACK OF <E> FENCE AT ALDERPOINT ROAD DRIVEWAY.
 2. INSTALL <N> 6" GV AND HYDRANT
 3. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE CONNECTIONS AND INSTALLATION.

ALDERPOINT ROAD

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - WtrMtr
 - SanSwrCO
 - <E> 8" C900 WATER LINE
 - HUMCO APNs



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Scale
 1:800



Location
3



CONSTRUCTION NOTES:

1. CONNECT TO <E> ABOVE GROUND DI WITH 4X6 TEE,
2. INSTALL 6" DI WL AND SUPPORTED 6" GV ABOVE GROUND.
3. CONVERT TO 6" C900 PVC AS ENTERS GROUND.
4. INSTALL <N> 6" C900 WL FROM GV TO FENCE PANEL.
5. INSTALL <N> 6" GV AND HYDRANT OFF <N> 6" WL
6. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE CONNECTION AND INSTALLATION.



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Scale



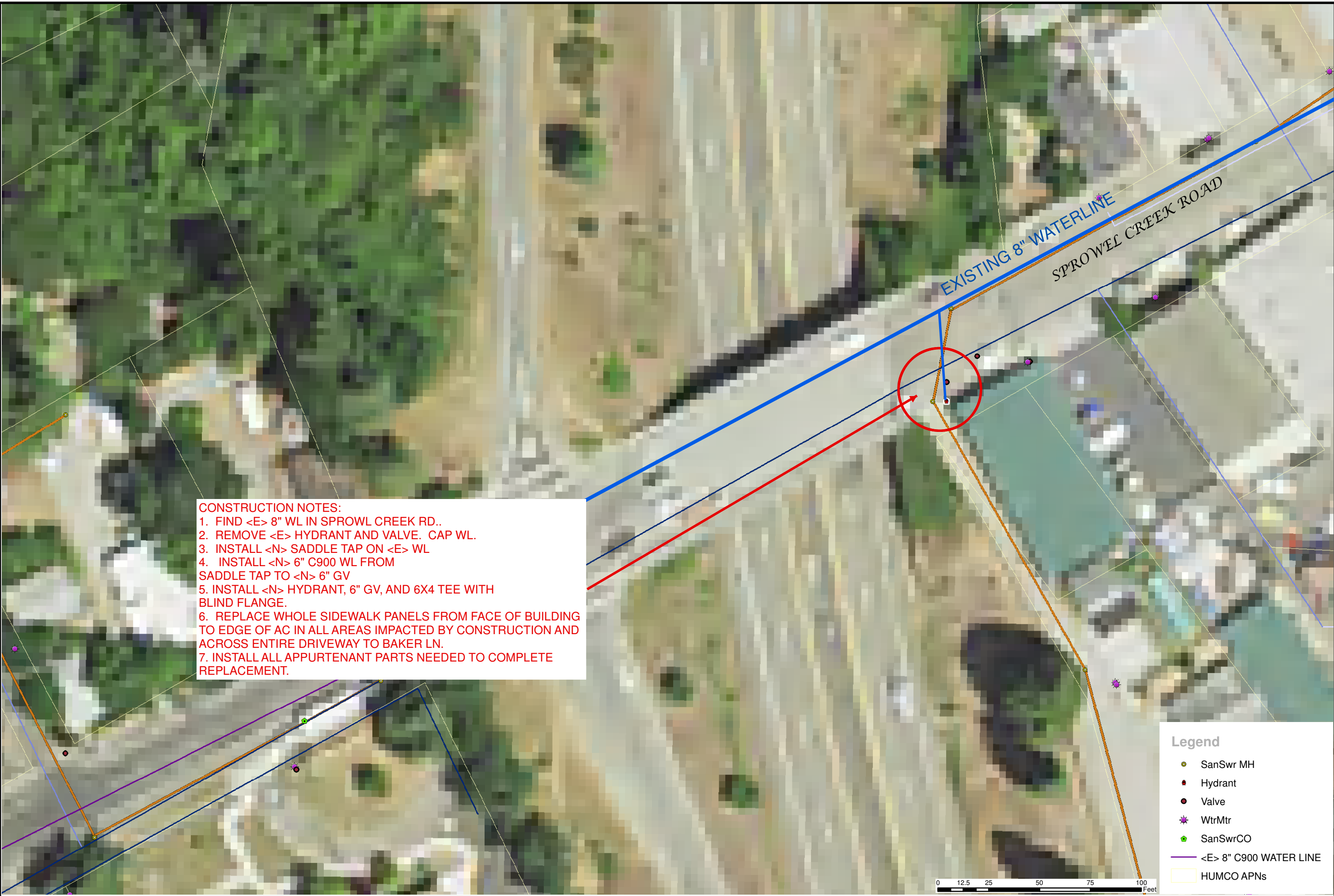
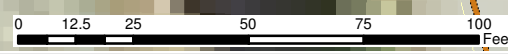
Location
3



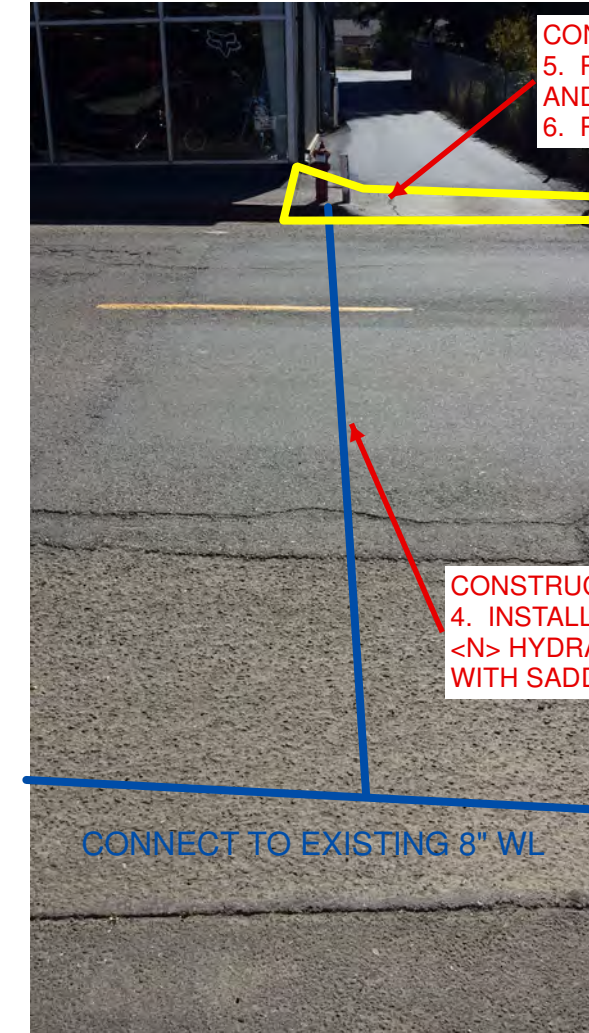
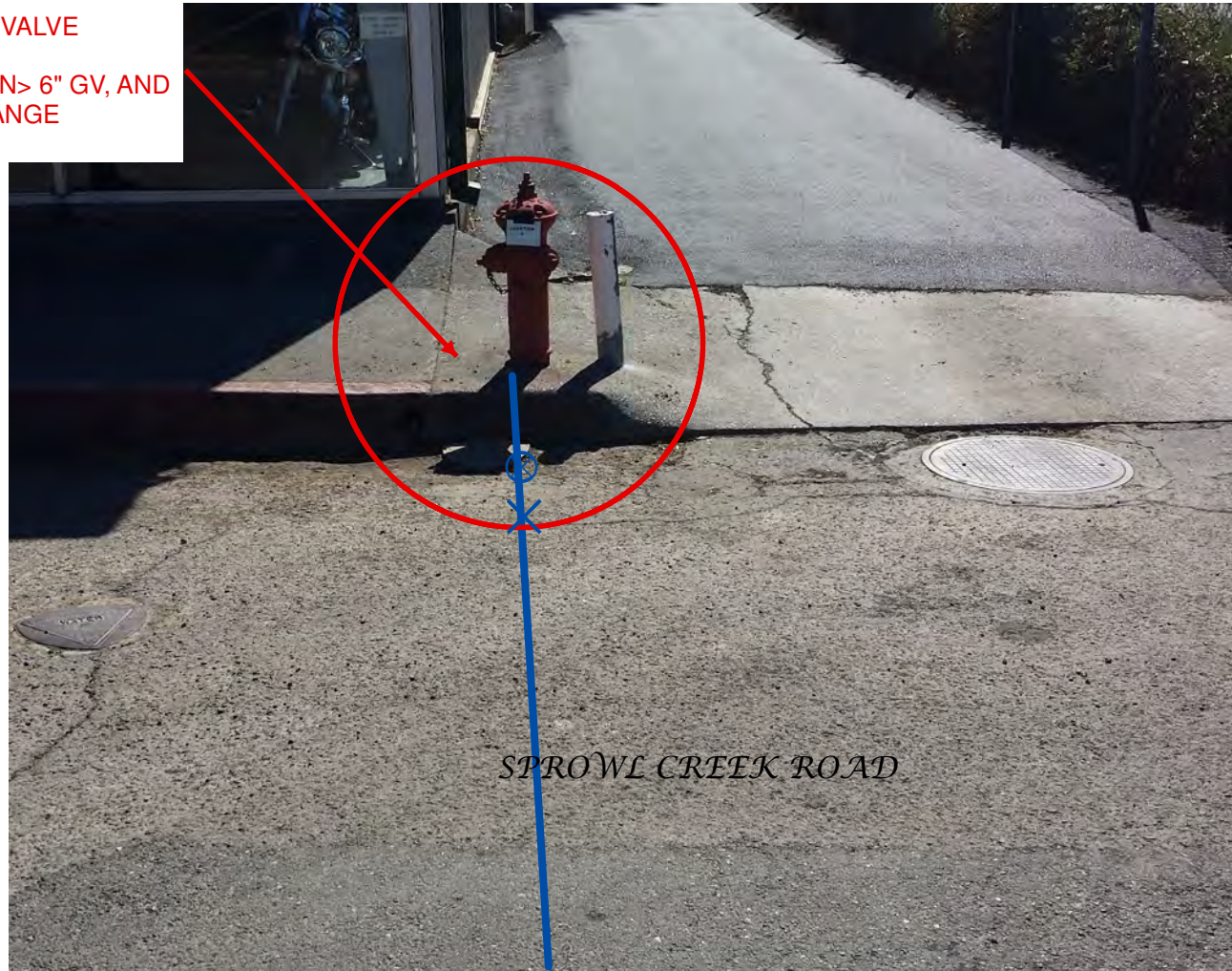
CONSTRUCTION NOTES:
 1. FIND <E> 8" WL IN SPROWL CREEK RD..
 2. REMOVE <E> HYDRANT AND VALVE. CAP WL.
 3. INSTALL <N> SADDLE TAP ON <E> WL
 4. INSTALL <N> 6" C900 WL FROM SADDLE TAP TO <N> 6" GV
 5. INSTALL <N> HYDRANT, 6" GV, AND 6X4 TEE WITH BLIND FLANGE.
 6. REPLACE WHOLE SIDEWALK PANELS FROM FACE OF BUILDING TO EDGE OF AC IN ALL AREAS IMPACTED BY CONSTRUCTION AND ACROSS ENTIRE DRIVEWAY TO BAKER LN.
 7. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

EXISTING 8" WATERLINE
SPROWL CREEK ROAD

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - WtrMtr
 - SanSwrCO
 - <E> 8" C900 WATER LINE
 - HUMCO APNs



CONSTRUCTION NOTES:
 1. REMOVE <E> HYDRANT & VALVE
 2. CAP <E> WL
 3. INSTALL NEW HYDRANT, <N> 6" GV, AND <N> 4X6 TEE WITH BLIND FLANGE ON <N> 6" C900 WL



CONSTRUCTION NOTES:
 5. REPLACE CONCRETE WALKWAY AND DRIVEWAY TO BRIDGE.
 6. RESET BOLLARD IF NECESSARY.

CONSTRUCTION NOTES:
 4. INSTALL <N> 6" C900 WL FROM <N> HYDRANT AND GV TO <E> 8" WL WITH SADDLE TAP

CONNECT TO EXISTING 8" WL



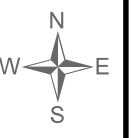
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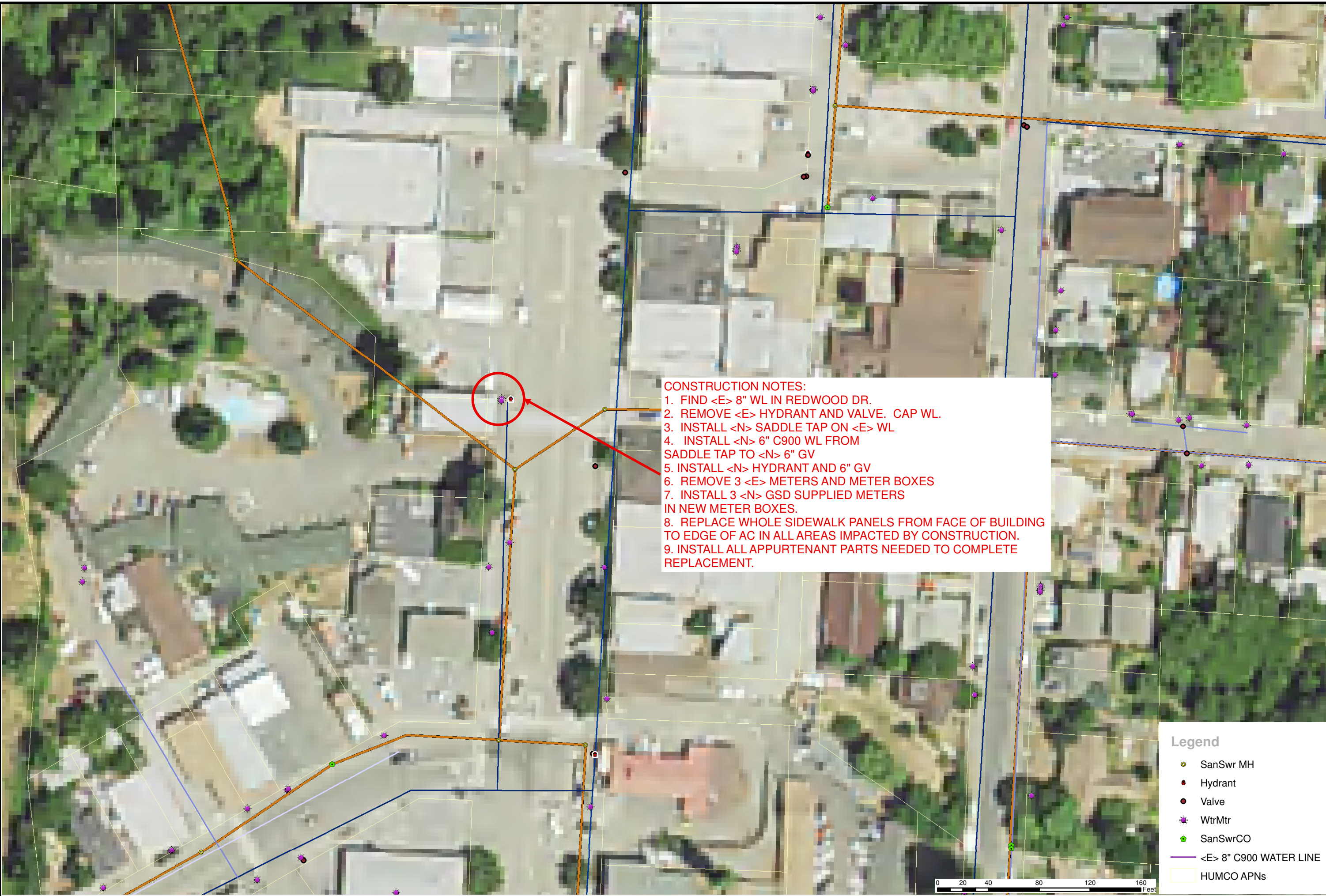
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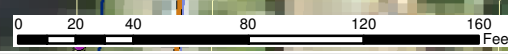


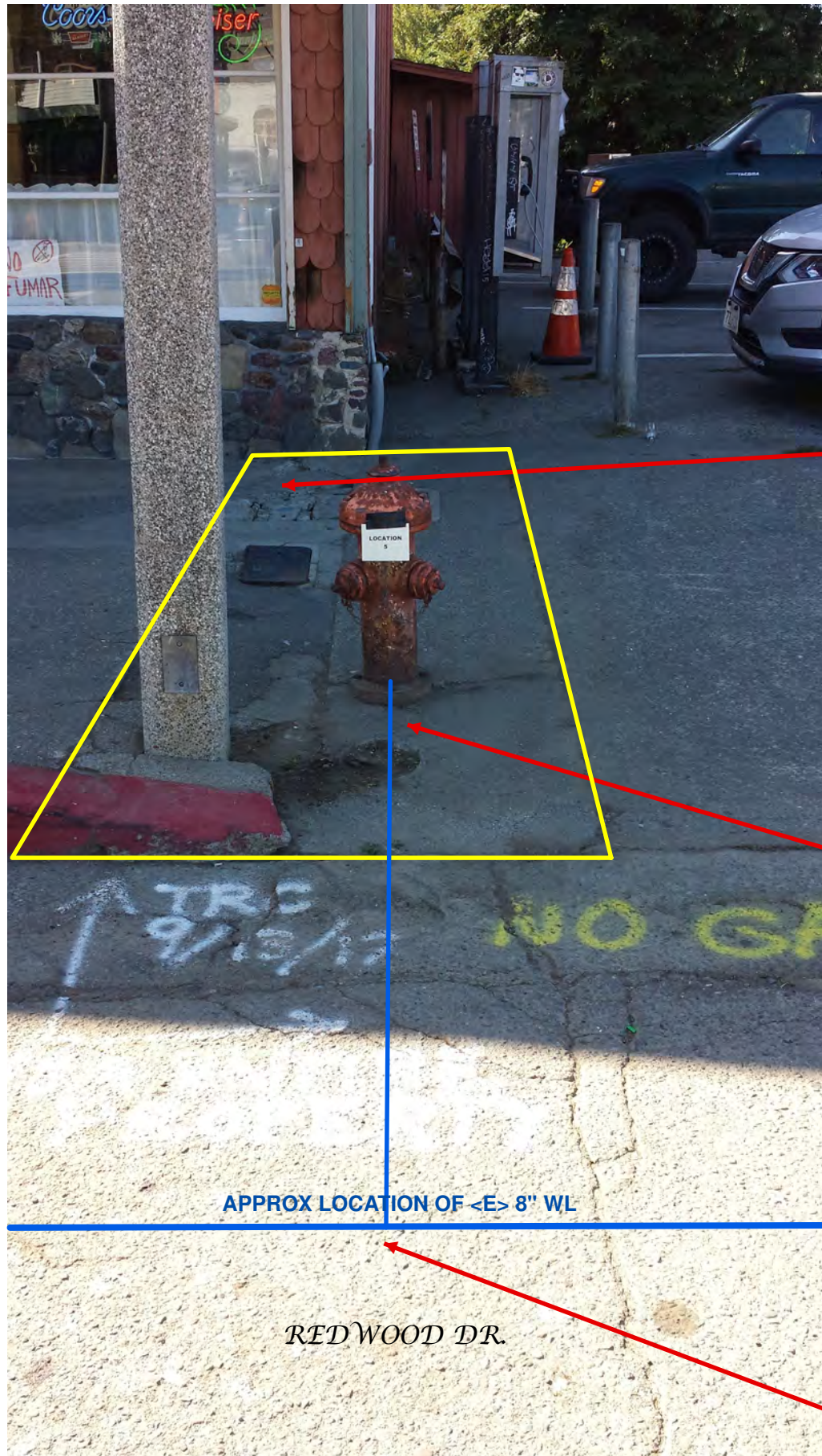
Location
4



CONSTRUCTION NOTES:
 1. FIND <E> 8" WL IN REDWOOD DR.
 2. REMOVE <E> HYDRANT AND VALVE. CAP WL.
 3. INSTALL <N> SADDLE TAP ON <E> WL
 4. INSTALL <N> 6" C900 WL FROM SADDLE TAP TO <N> 6" GV
 5. INSTALL <N> HYDRANT AND 6" GV
 6. REMOVE 3 <E> METERS AND METER BOXES
 7. INSTALL 3 <N> GSD SUPPLIED METERS IN NEW METER BOXES.
 8. REPLACE WHOLE SIDEWALK PANELS FROM FACE OF BUILDING TO EDGE OF AC IN ALL AREAS IMPACTED BY CONSTRUCTION.
 9. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - WtrMtr
 - SanSwrCO
 - <E> 8" C900 WATER LINE
 - HUMCO APNs





= MINIMUM CONCRETE REPLACEMENT AREA

- 6. REMOVE 3 <E> METERS AND METER BOXES
- 7. INSTALL 3 <N> GSD SUPPLIED METERS IN NEW METER BOXES.
- 8. REPLACE WHOLE SIDEWALK PANELS FROM FACE OF BUILDING TO EDGE OF AC IN ALL AREAS IMPACTED BY CONSTRUCTION.

- CONSTRUCTION NOTES:
- 1. FIND <E> 8" WL IN REDWOOD DR.
 - 2. REMOVE <E> HYDRANT AND VALVE. CAP WL.
 - 3. INSTALL <N> SADDLE TAP ON <E> 8" WL
 - 4. INSTALL <N> 6" C900 WL FROM SADDLE TAP TO <N> 6" GV
 - 5. INSTALL <N> HYDRANT AND 6" GV
 - 9. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

APPROX LOCATION OF <E> 8" WL

REDWOOD DR.

CONNECT TO <E> 8" WL IN REDWOOD DR.



BACK OF HYDRANT



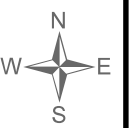
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Scale



Location
5



REDWOOD DR.

LOCUST ST.

CONGER

CONSTRUCTION NOTES:
 1. REMOVE <E> HYDRANT & <E> WL TO LOCUST
 2. INSTALL <N> 4" GV AND HYDRANT
 3. INSTALL <N> 4" C900 WL FROM <N> 4" GV TO <E> 4" WL IN LOCUST
 4. RECONNECT AND RELOCATE WATER METER AS NEEDED.
 5. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

- Legend**
- SanSwr MH
 - Hydrant
 - Valve
 - ★ WtrMtr
 - SanSwrCO
 - HUMCO APNs





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Scale

1:700

Date

11/15/17

Drawn By

J. SHORT

Location

6







LOCATION
6

CONSTRUCTION NOTES:
 1. REMOVE <E> HYDRANT & <E> WL TO LOCUST
 2. INSTALL <N> 4" GV AND HYDRANT
 3. INSTALL <N> 4" C900 WL FROM <N> 4" GV TO <E> 4" WL IN LOCUST
 4. RECONNECT AND RELOCATE WATER METER AS NEEDED.
 5. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

LOCUST ST.

APPROX LOCATION OF <E> WL

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Scale 	Location 6	




CONSTRUCTION NOTES:

1. REMOVE <E> HYDRANT AND VALVE & CAP OLD WL.
2. POT HOLE IN REDWOOD DR. AND BEAR CREEK RD. TO FIND <E> WL.
3. INSTALL <N> 6" GV AND HYDRANT
4. INSTALL SADDLE TAP ON <E> 8" WL IN REDWOOD DR.
5. INSTALL <N> 6" C900 WL FROM <N> 6" GV TO <E> 8" WL IN REDWOOD DR.
6. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.

Legend

- SanSwr MH
- Hydrant
- Valve
- ✱ WtrMtr
- SanSwrCO
- HUMCO APNs




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1:1,000

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Location
7



THE EXACT CONFIGURATION OF THE CONNECTION OF THIS HYDRANT IS NOT KNOWN. <E> WL SIZES MAY VARY FROM THOSE SHOW ON THE PLANS. POTHOILING AND VERIFICATION PRIOR TO ORDERING PARTS BY THE CONTRACTOR IS CRITICAL. CONTRACTOR SHALL POTHOLE UNTIL BOTH <E> 4" AND 8" WL IS FOUND.

CONSTRUCTION NOTES:

1. REMOVE <E> HYDRANT AND VALVE AND CAP OLD WL
2. POTHOLE IN REDWOOD DR. AND BEAR CREEK RD. TO FIND <E> WL.
3. INSTALL <N> 6" GV AND HYDRANT
4. INSTALL SADDLE TAP ON <E> 8" WL IN REDWOOD DR.
5. INSTALL <N> 6" C900 WL FROM <N> 6" GV TO <E> 8" WL IN REDWOOD DR.
6. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE REPLACEMENT.



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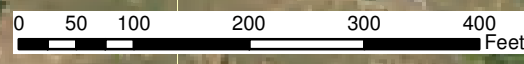
Location
7



CONSTRUCTION NOTES:
 1. REMOVE <E> WHARF HYDRANT.
 2. INSTALL <N> HYDRANT AND <N> 4" GV.
 3. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE CONNECTIONS AND INSTALLATION.

Legend

- SanSwr MH
- Hydrant
- Valve
- WtrMtr
- SanSwrCO
- HUMCO APNs



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1:2,000

Location

8



CONSTRUCTION NOTES:
1. REMOVE <E> WHARF HYDRANT

CONSTRUCTION NOTES:
2. INSTALL <N> HYDRANT AND <N> 4" GV
3. INSTALL ALL APPURTENANT PARTS NEEDED TO COMPLETE CONNECTION AND INSTALLATION.

Location	8		Scale		Date	11/15/17	Drawn By	J. SHORT	Project Name: Measure Z Hydrant Replacement Project	 Garberville Sanitary District P.O. Box 211, Garberville, Ca 95542 Phone: (707)923-9566 www.garbervillesd.org