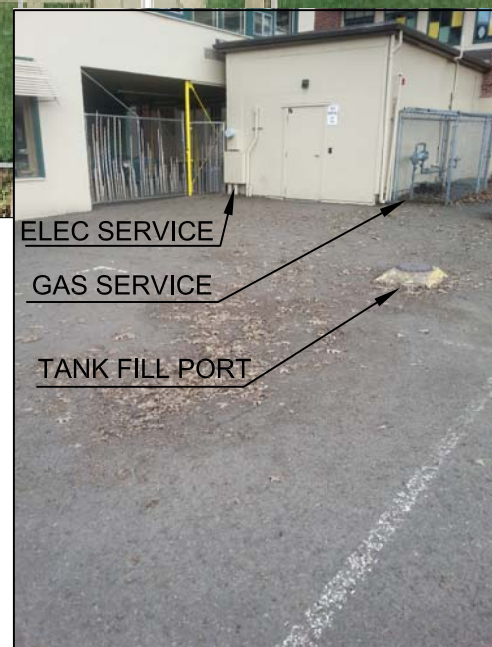
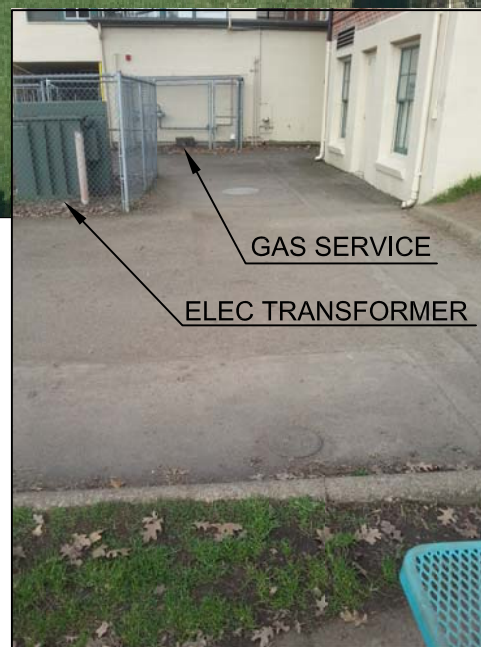


WEST ELEVATION
NO SCALE

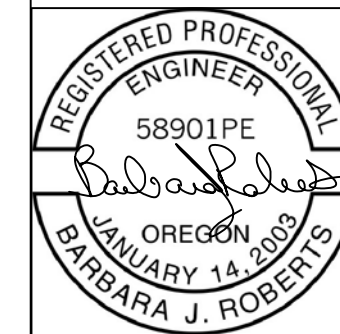


SOUTH ELEVATION
NO SCALE



**RC
E**
Roberts Consulting
& Engineering, Inc.

3220 Tilden St. Office: 541-689-9197
Eugene, Or 97404 Fax: 541-463-5443
bjr@rcengine.com



EXPIRATION DATE: 12/31/2016



Facilities
Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

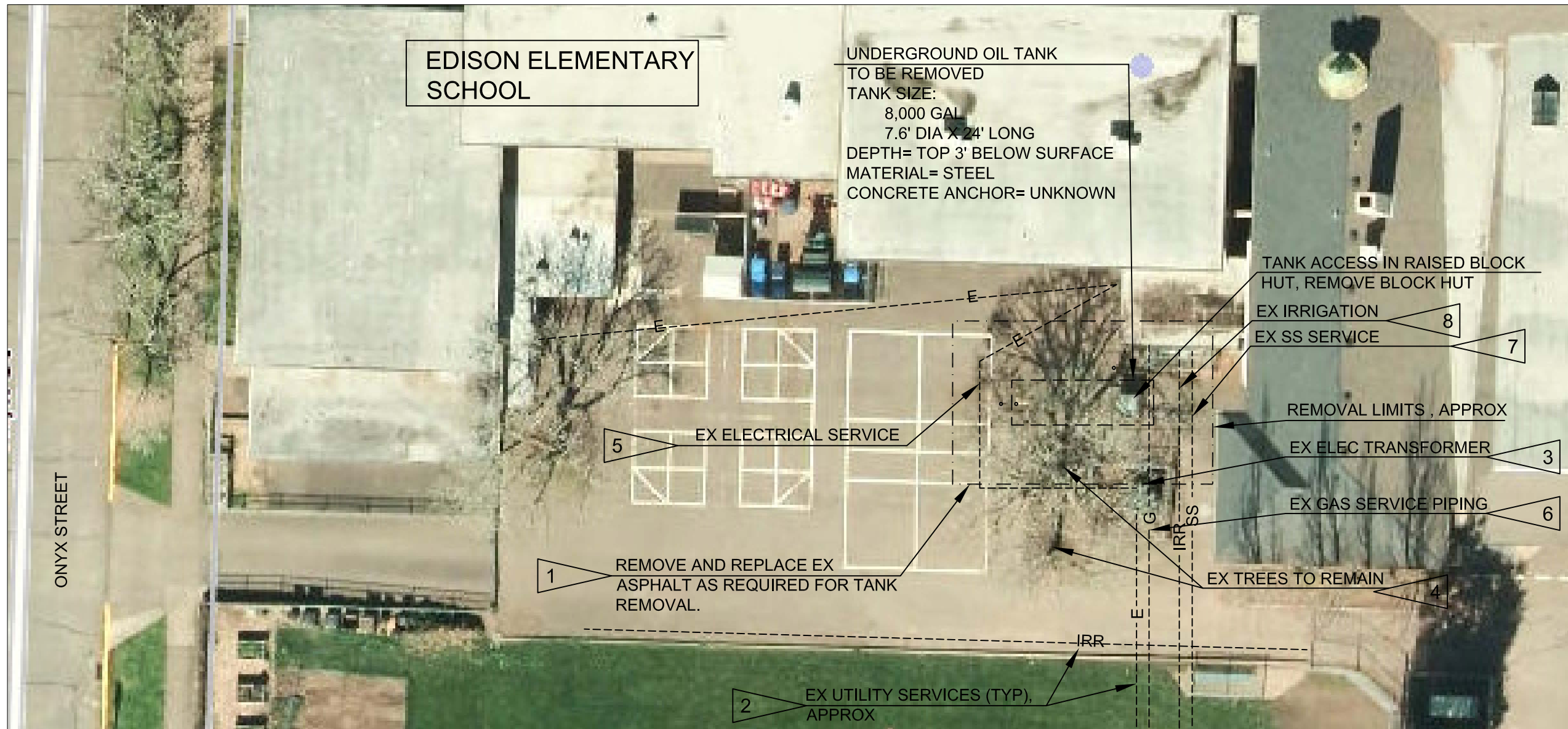
EDISON ELEMENTARY
SCHOOL
1328 EAST 22ND AVE
EUGENE, OR 97405

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

DATE: 04/07/15

SITE PLAN

SHEET:
5.0 OF 17



**RC
RE**
Roberts Consulting & Engineering, Inc.
3220 Tilden St. Eugene, Or 97404
Office: 541-689-9197
Fax: 541-463-5443
bjr@rcengin.com

REGISTERED PROFESSIONAL ENGINEER
58901PE
Barbara J. Roberts
OREGON
JANUARY 14, 2003
BARBARA J. ROBERTS
EXPIRATION DATE: 12/31/2016



Facilities Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE DECOMMISSION OIL TANKS 2015
EDISON ELEMENTARY SCHOOL
1328 EAST 22ND AVE
EUGENE, OR 97405

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

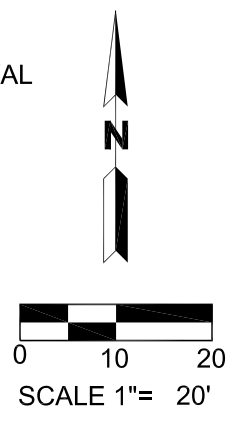
DATE: 04/07/15
TANK REMOVAL PLAN SHEET:
5.1 OF 17

SHEET NOTES:

1. OIL TANK LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ACTUAL LIMITS TO BE LOCATED IN THE FIELD BY THE ENGINEER.
2. BOILER HAS ALREADY BEEN DISCONNECTED AND PIPES CAPPED.
3. . REMOVE TANK, PIPES AND CATHODIC PROTECTION TO BLDG. BACKFILL AREA WITH CDF TO 24" BELOW FINISH GRADE. REPAIR/FILL HOLES IN WALL FROM PIPE REMOVAL WITH GROUT TO SEAL.
4. SAWCUT,REMOVE AND REPAIR PAVEMENT PER DETAILS 1/1.2 AND 2/1.2. PLACE 24" TOPSOIL IN LANDSCAPE AREAS.
5. CONTRACTOR TO SHORE FOR EXCAVATION IF TANK REMOVAL REQUIRES EXCAVATION UNDER ADJACENT BUILDING FOUNDATION.
6. UTILITY SERVICES TO BLDG SHALL NOT BE DISRUPTED UNLESS APPROVED BY 4J.

CONSTRUCTION NOTES:

1. REMOVE AND REPLACE EX ASPHALT AS REQUIRED FOR TANK REMOVAL. REMOVE EX ASPHALT PERPENDICULAR TO TANK REMOVAL EXCAVATION. FINAL ASPHALT REMOVAL AREA TO BE RECTANGULAR IN SHAPE.
2. EX UTILITY LOCATIONS SHOWN ARE APPROXIMATE, BASED ON RECORD DRAWINGS AND PUBLIC UTILITY LOCATES. CONTRACTOR TO POT HOLE AND VERIFY LOCATIONS PRIOR TO TANK REMOVAL WORK. PROTECT EX UTILITIES AND REPLACE ANY COMPONENTS DAMAGED DURING EXCAVATION.
3. EX ELECTRICAL TRANSFORMER TO REMAIN. PROTECT CONCRETE BASE AND SHORE IF REQUIRED TO PREVENT UNDERMINING DURING EXCAVATION
4. EXISTING TREES TO REMAIN. REMOVE NORTH TREE IF MORE THAN 30% OF ROOTS ARE DISTURBED. COORDINATE WITH 4J IF LIMBS REQUIRE PRUNING TO ACCOMMODATE EXCAVATION EQUIPMENT.
5. COORDINATE WITH EWEB TO REROUTE ELECTRICAL SERVICE OUTSIDE EXCAVATION AREA BEFORE BEGINNING WORK. ELECTRICAL SERVICE TO BLDG SHALL NOT BE DISRUPTED. COORDINATE WITH 4J IS TEMPORARY SHUTDOWN IS REQUIRED FOR CHANGE OVER.
6. COORDINATE WITH NW NATURAL TO DISCONNECT GAS SERVICE PRIOR TO EXCAVATION AND REPLACE AFTER TANK REMOVAL IS COMPLETE. COORDINATE WITH 4J.
7. BLDG SANITARY SERVICE TO REMAIN IN SERVICE. IF PIPE REQUIRES REMOVAL, INSTALL BYPASS SYSTEM.
8. REMOVE AND REPLACE IRRIGATION PIPE, AS REQUIRED, TO ACCOMMODATE TANK REMOVAL WORK.



**RC
RE**
Roberts Consulting
& Engineering, Inc.

3220 Tilden St. Eugene, Or 97404
Office: 541-689-9197
Fax: 541-463-5443
bjr@rcengin.com

REGISTERED PROFESSIONAL
ENGINEER
58901PE
Barbara J. Roberts
OREGON
JANUARY 14, 2003
BARBARA J. ROBERTS

EXPIRATION DATE: 12/31/2016



Facilities
Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

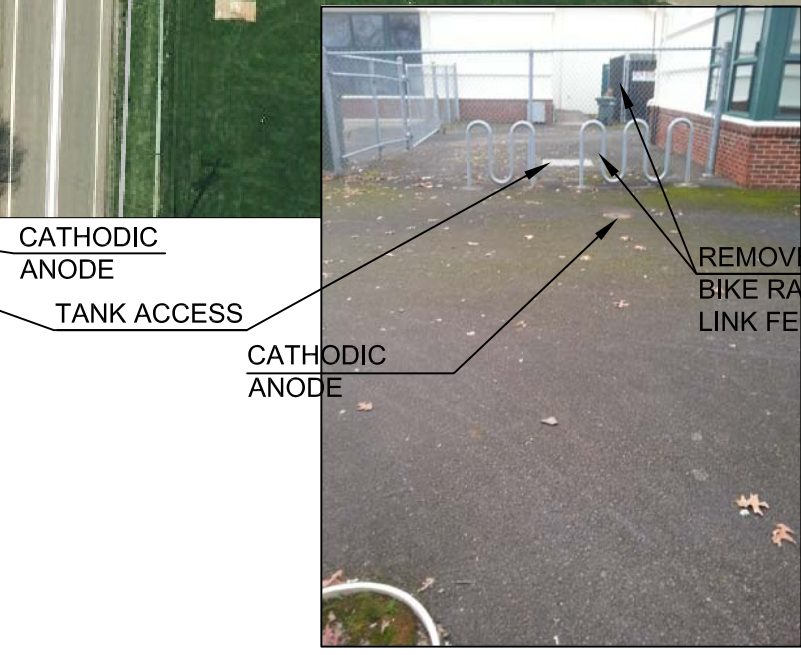
KELLY MIDDLE SCHOOL
850 HOWARD AVENUE
EUGENE, OR 97404

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

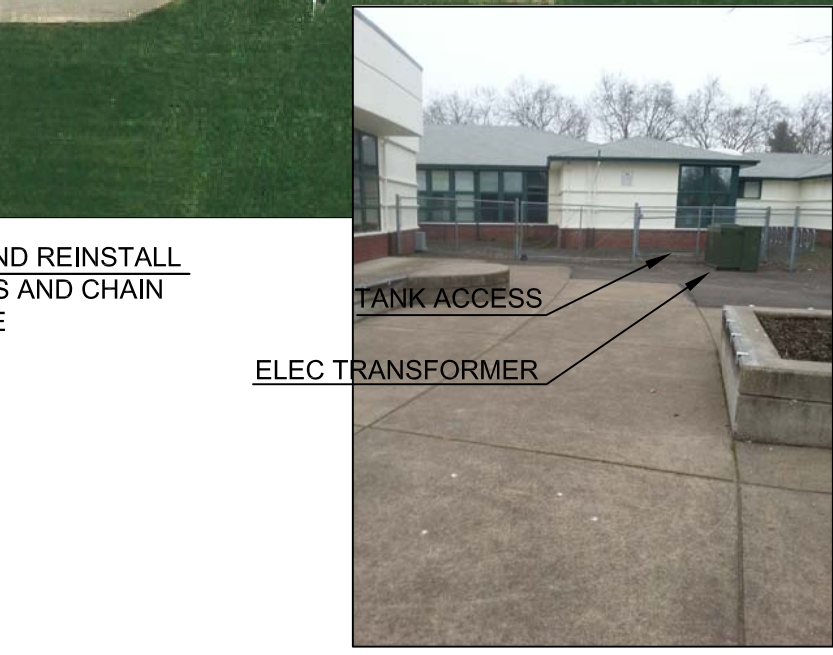
DATE: 04/07/15
SITE PLAN
SHEET:
6.0 OF 17



WEST ELEVATION
NO SCALE



EAST ELEVATION
NO SCALE



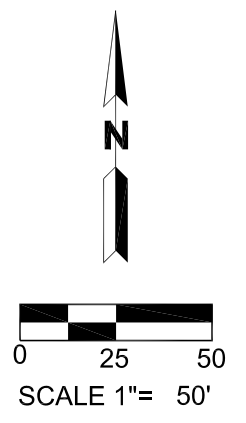
SOUTH ELEVATION
NO SCALE

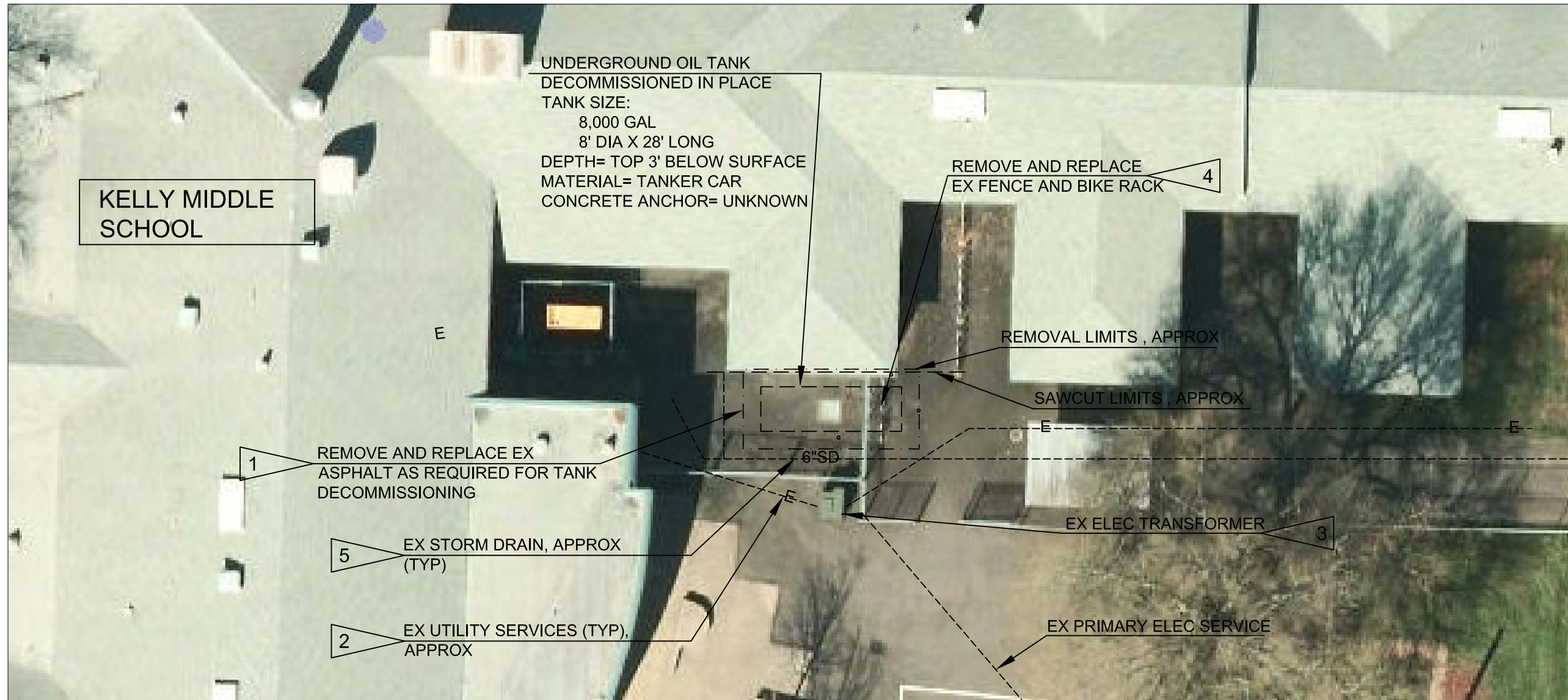
CATHODIC
ANODE
TANK ACCESS

CATHODIC
ANODE

REMOVE AND REINSTALL
BIKE RACKS AND CHAIN
LINK FENCE

TANK ACCESS
ELEC TRANSFORMER





RC
RE
 Roberts Consulting & Engineering, Inc.
 3220 Tilden St. Eugene, Or 97404
 Office: 541-689-9197 Fax: 541-463-5443
 bjr@rcengin.com

REGISTERED PROFESSIONAL ENGINEER
 58901PE
Barbara J. Roberts
 OREGON
 JANUARY 14, 2003
 BARBARA J. ROBERTS
 EXPIRATION DATE: 12/31/2016

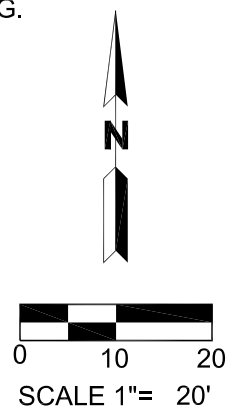
4J
 Facilities Management
 School District 4J
 715 W. 4th Avenue
 Eugene, OR 97402
 (541) 687-3257

SHEET NOTES:

1. OIL TANK LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ACTUAL LIMITS TO BE LOCATED IN THE FIELD BY THE ENGINEER.
2. BOILER HAS ALREADY BEEN DISCONNECTED AND PIPES CAPPED.
3. REMOVE TOP OF TANK AND DECOMMISSION IN ACCORDANCE WITH DEQ REQUIREMENTS. REMOVE PIPES AND CATHODIC PROTECTION TO BLDG. BACKFILL AREA WITH CDF TO 24" BELOW FINISH GRADE. REPAIR/FILL HOLES IN WALL FROM PIPE REMOVAL WITH GROUT TO SEAL.
4. SAWCUT, REMOVE AND REPAIR PAVEMENT PER DETAILS 1/1.2 AND 2/1.2.
4. CONTRACTOR TO SHORE FOR EXCAVATION IF TANK DECOMMISSIONING REQUIRES EXCAVATION UNDER ADJACENT BUILDING FOUNDATION.
5. CONTRACTOR TO SHORE FOR EXCAVATION IF TANK DECOMMISSIONING REQUIRES EXCAVATION UNDER ADJACENT BUILDING FOUNDATION.
6. UTILITY SERVICES TO BLDG SHALL NOT BE DISRUPTED UNLESS APPROVED BY 4J.

CONSTRUCTION NOTES:

1. REMOVE AND REPLACE EX ASPHALT AS REQUIRED FOR TANK DECOMMISSIONING EXCAVATION. REMOVE EX ASPHALT PERPENDICULAR TO TANK EXCAVATION. FINAL ASPHALT REMOVAL AREA TO BE RECTANGULAR IN SHAPE.
2. EX UTILITY LOCATIONS SHOWN ARE APPROXIMATE, BASED ON RECORD DRAWINGS AND PUBLIC UTILITY LOCATES. CONTRACTOR TO POT HOLE AND VERIFY LOCATIONS PRIOR TO TANK DECOMMISSIONING WORK. PROTECT EX UTILITIES AND REPLACE ANY COMPONENTS DAMAGED DURING EXCAVATION.
3. EX ELECTRICAL TRANSFORMER TO REMAIN. PROTECT CONCRETE BASE AND SHORE IF REQUIRED TO PREVENT UNDERMINING DURING EXCAVATION.
4. REMOVE AND SALVAGE EX FENCE AND BIKE RACK. STORE MATERIALS ON-SITE DURING TANK DECOMMISSIONING. REINSTALL FENCE AND BIKE RACK IN EX LOCATIONS. USE NEW FENCE POSTS FOR FENCE INSTALLATION.
5. REMOVE AND REPLACE EX STORM DRAIN AS REQUIRED FOR TANK DECOMMISSIONING.

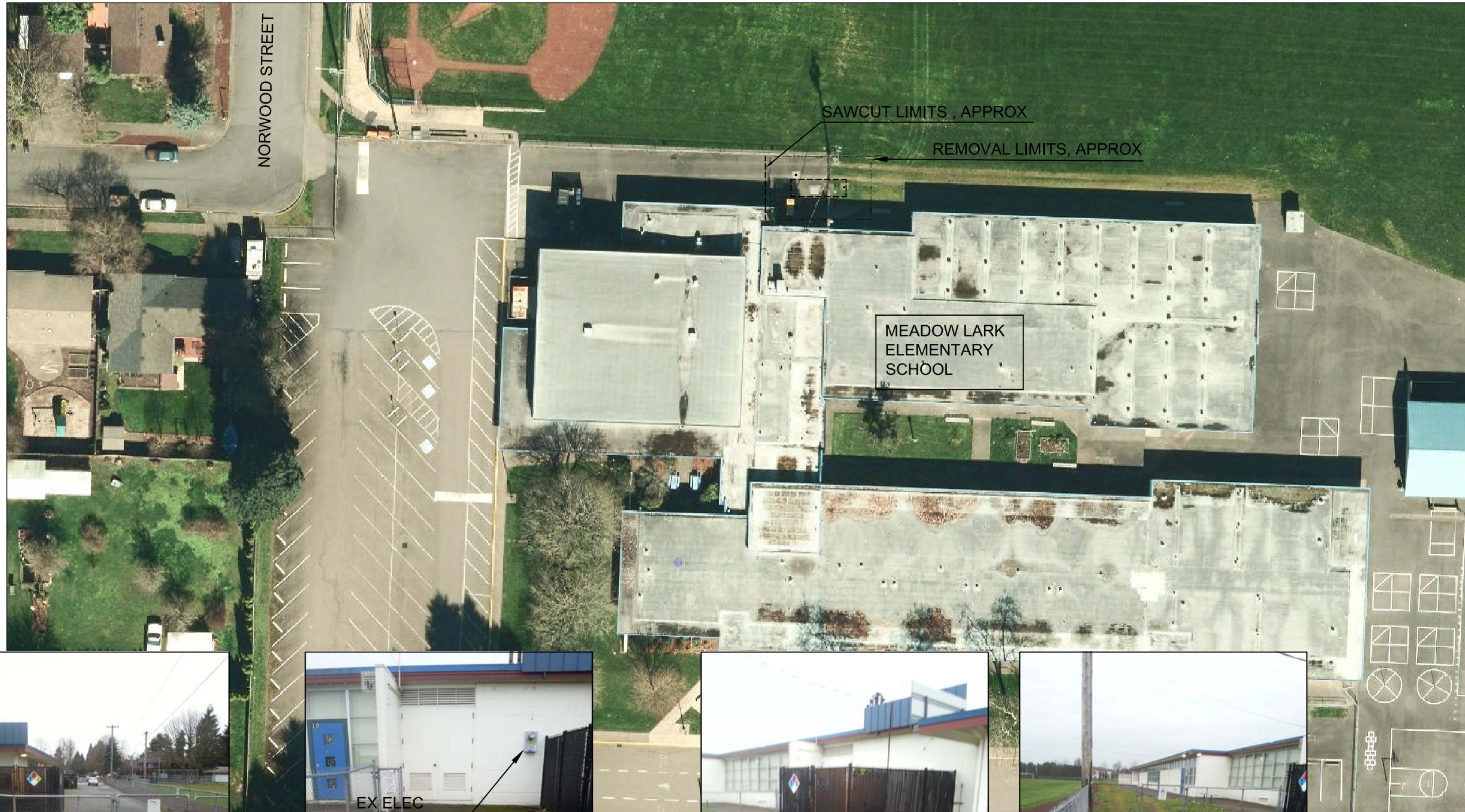


MULTISITE DECOMMISSION OIL TANKS 2015

KELLY MIDDLE SCHOOL
 850 HOWARD AVENUE
 EUGENE, OR 97404

PROJECT NO: 141602
 DRAWN: BJR
 CHECKED: BJR

DATE: 04/07/15
TANK REMOVAL PLAN
 SHEET:
6.1 OF 17



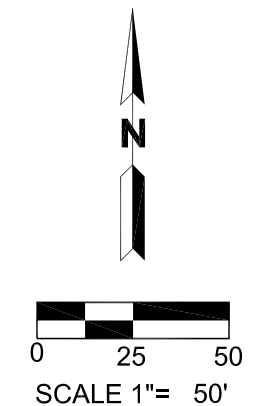
EAST ELEVATION
NO SCALE



NORTH ELEVATION
NO SCALE



WEST ELEVATION
NO SCALE



**RC
RE**
Roberts Consulting
& Engineering, Inc.
3220 Tilden St. Eugene, Or 97404
Office: 541-689-9197
Fax: 541-463-5443
hr@rcree.com

REGISTERED PROFESSIONAL
ENGINEER
58901PE
Barbara J. Roberts
OREGON
JANUARY 14, 2003
BARBARA J. ROBERTS
EXPIRATION DATE: 12/31/2016

Facilities
Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

MEADOWLARK
ELEMENTARY SCHOOL
1500 QUEENS WAY
EUGENE, OR 97403

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

DATE: 04/07/15
SITE PLAN

SHEET:
7.0 OF 17



4J

Facilities
Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

MEADOWLARK
ELEMENTARY SCHOOL
1500 QUEENS WAY
EUGENE, OR 97403

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

DATE: 04/07/15
**TANK
REMOVAL PLAN**
SHEET:
7.1 OF 17

SHEET NOTES:

1. OIL TANK LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ACTUAL LIMITS TO BE LOCATED IN THE FIELD BY THE ENGINEER.
2. BOILER HAS ALREADY BEEN DISCONNECTED AND PIPES CAPPED.
3. REMOVE TANK, PIPES AND CATHODIC PROTECTION TO BLDG. BACKFILL AREA WITH CDF TO 24" BELOW FINISH GRADE. REPAIR/FILL HOLES IN WALL FROM PIPE REMOVAL WITH GROUT TO SEAL.
4. SAWCUT, REMOVE AND REPAIR PAVEMENT PER DETAILS 1/1.2 AND 2/1.2. REPLACE CONCRETE PAD PER DETAIL 3/1.2. PLACE 24" TOPSOIL IN LANDSCAPE AREAS AND SEED DISTURBED LAWN AREAS.
5. CONTRACTOR TO SHORE FOR EXCAVATION IF TANK REMOVAL REQUIRES EXCAVATION UNDER ADJACENT BUILDING FOUNDATION.

6. UTILITY SERVICES TO BLDG SHALL NOT BE DISRUPTED UNLESS APPROVED BY 4J.

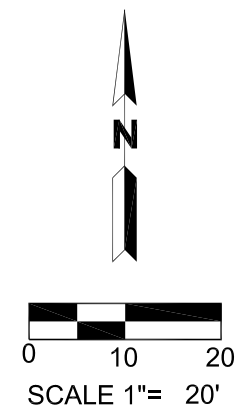
CONSTRUCTION NOTES:

1. REMOVE AND REPLACE EX ASPHALT AS REQUIRED FOR TANK REMOVAL. REMOVE EX ASPHALT PERPENDICULAR TO TANK REMOVAL EXCAVATION. FINAL ASPHALT REMOVAL AREA TO BE RECTANGULAR IN SHAPE.
2. EX UTILITY LOCATIONS SHOWN ARE APPROXIMATE, BASED ON RECORD DRAWINGS. CONTRACTOR TO POT HOLE AND VERIFY LOCATIONS PRIOR TO TANK REMOVAL WORK. PROTECT EX UTILITIES AND REPLACE ANY COMPONENTS DAMAGED DURING EXCAVATION.
3. PROTECT ELEC SERVICE. ELECTRICAL SERVICE OVER TANK TO BE RELOCATED PRIOR TO TANK REMOVAL. CONTRACTOR TO COORDINATE WITH EWEB FOR RELOCATION.

4. HIRE ELECTRICIAN TO REMOVE AND REPLACE GENERATOR. COORDINATE WITH 4J FOR ON-SITE STORAGE LOCATION. REMOVE GENERATOR CONCRETE PAD, AS REQUIRED, FOR TANK REMOVAL. POUR NEW CONCRETE PAD AND REPLACE GENERATOR.

5. REMOVE AND SALVAGE EX CHAIN LINK FENCING AROUND GENERATOR AND ADJACENT LAWN. STORAGE MATERIALS ON-SITE DURING TANK REMOVAL. REINSTALL FENCE IN EX LOCATIONS. USE NEW FENCE POSTS FOR FENCE INSTALLATION.

6. COORDINATE WITH NW NATURAL TO REMOVE AND REPLACE GAS SERVICE PIPING ABOVE TANK REMOVAL AREA. COORDINATE WITH 4J FOR DISRUPTION OF SERVICE.



**RC
RE**
Roberts Consulting
& Engineering, Inc.
3220 Tilden St. Eugene, Or 97404
Office: 541-689-9197
Fax: 541-463-5443
bjr@rcengin.com

REGISTERED PROFESSIONAL
ENGINEER
58901PE
Barbara J. Roberts
OREGON
JANUARY 14, 2003
BARBARA J. ROBERTS
EXPIRATION DATE: 12/31/2016

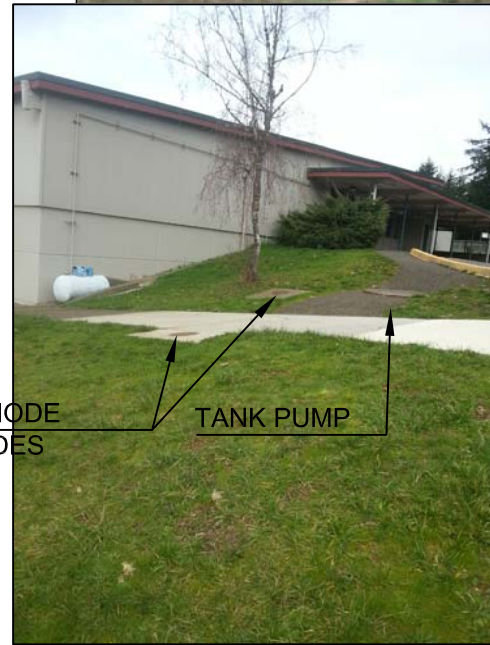
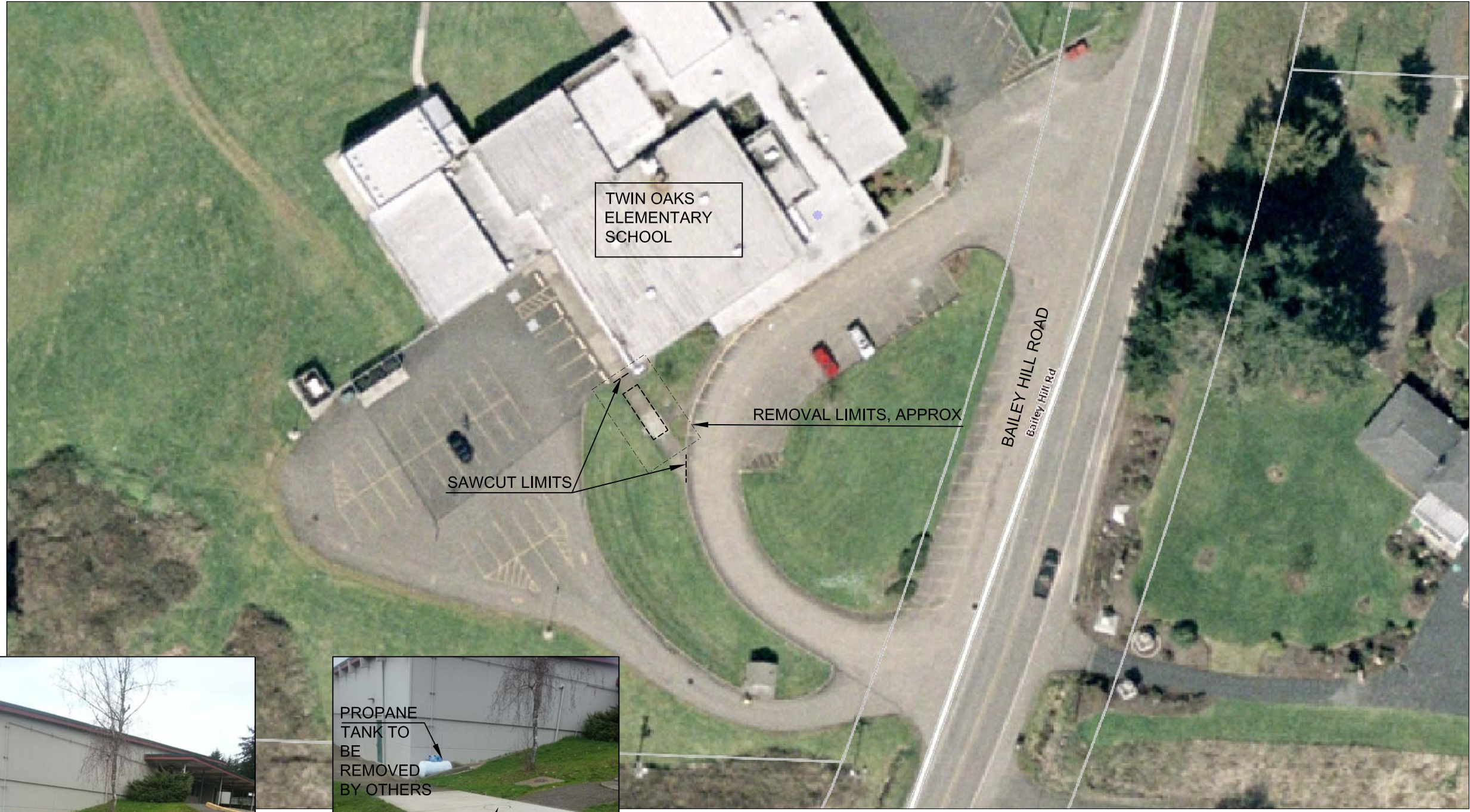
4J
Facilities
Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

TWIN OAKS
ELEMENTARY SCHOOL
85916 BAILEY HILL RD
EUGENE, OR 97405

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

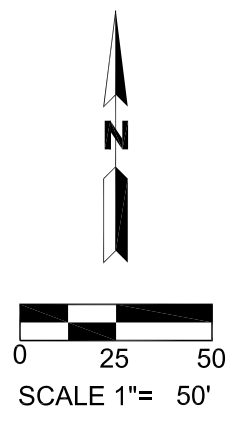
DATE: 04/07/15
SITE PLAN
SHEET:
8.0 OF 17



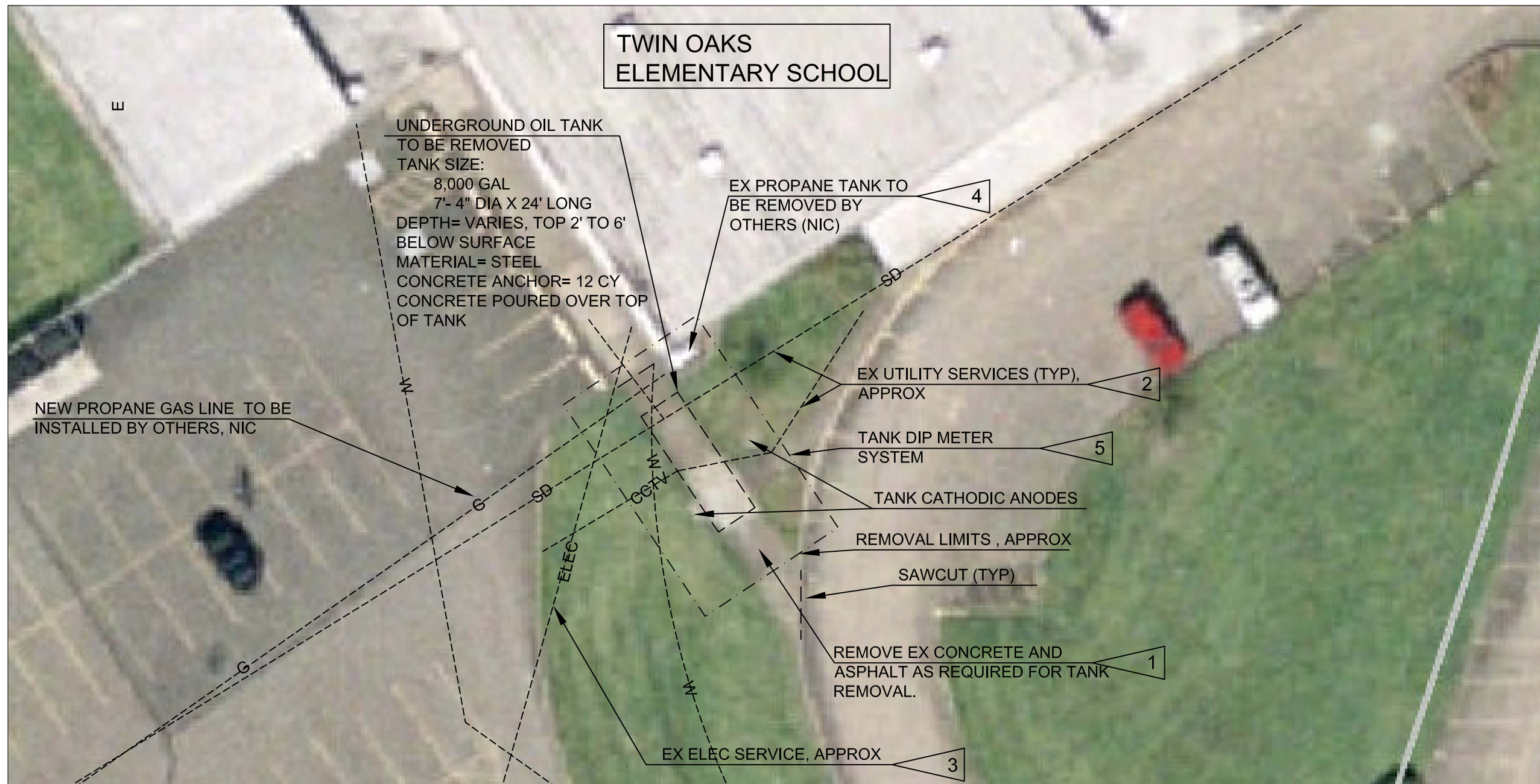
SOUTH WEST ELEVATION
NO SCALE



SOUTH ELEVATION
NO SCALE



**TWIN OAKS
ELEMENTARY SCHOOL**



SHEET NOTES:

1. OIL TANK LOCATIONS AND DIMENSIONS ARE APPROXIMATE. ACTUAL LIMITS TO BE LOCATED IN THE FIELD BY THE ENGINEER.
2. BOILER HAS ALREADY BEEN DISCONNECTED AND PIPES CAPPED.
3. REMOVE TANK, PIPES AND CATHODIC PROTECTION TO BLDG. BACKFILL AREA WITH CDF TO 24" BELOW FINISH GRADE. REPAIR/FILL HOLES IN WALL FROM PIPE REMOVAL WITH GROUT TO SEAL.
4. SAWCUT, REMOVE AND REPAIR PAVEMENT PER DETAILS 1/1.2 AND 2/1.2. PLACE 24" TOPSOIL IN LANDSCAPE AREAS AND SEED DISTURBED LAWN AREAS. REPLACE CONCRETE CURB PER DETAIL 4/1.2.

5. CONTRACTOR TO SHORE FOR EXCAVATION IF TANK REMOVAL REQUIRES EXCAVATION UNDER ADJACENT BUILDING FOUNDATION.

6. UTILITY SERVICES TO BLDG SHALL NOT BE DISRUPTED UNLESS APPROVED BY 4J.

CONSTRUCTION NOTES:

1. REMOVE EX ASPHALT PERPENDICULAR TO TANK REMOVAL EXCAVATION. FINAL ASPHALT REMOVAL AREA TO BE RECTANGULAR IN SHAPE. REMOVE CONCRETE IN FULL PANELS. DO NOT REPLACE ASPHALT PAVEMENT OR CONCRETE AND ASPHALT WALKS. BACKFILL TOP 24" OF WALK AREAS WITH TOPSOIL AND SEED. PLACE GRAVEL FROM CDF TO THE SURFACE OF VEHICLE PAVEMENT AREAS. TO BE PAVED LATER BY OTHERS.

2. EX UTILITY LOCATIONS SHOWN ARE APPROXIMATE, BASED ON RECORD DRAWINGS AND PUBLIC UTILITY LOCATES. CONTRACTOR TO POT HOLE AND VERIFY LOCATIONS PRIOR TO TANK REMOVAL WORK. PROTECT EX UTILITIES AND REPLACE ANY COMPONENTS DAMAGED DURING EXCAVATION.

3. PROTECT ELEC SERVICE. COORDINATE WITH EWEB FOR WORK ADJACENT UNDERGROUND ELECTRICAL.

4. PROTECT PROPANE TANK AND CONCRETE PAD FROM UNDERMINING.

5. OWNER WILL SALVAGE TANK DIP METER ASSEMBLY PRIOR TO CONTRACTOR BEGINNING WORK. CONTRACTOR TO REMOVE MANHOLE AND DISPOSE OF OFF-SITE.



3220 Tilden St. Eugene, Or 97404
Office: 541-689-9197
Fax: 541-463-5443
bjr@rcengin.com



EXPIRATION DATE: 12/31/2016



Facilities Management
School District 4J
715 W. 4th Avenue
Eugene, OR 97402
(541) 687-3257

MULTISITE
DECOMMISSION OIL
TANKS 2015

TWIN OAKS
ELEMENTARY SCHOOL
85916 BAILEY HILL RD
EUGENE, OR 97405

PROJECT NO: 141602
DRAWN: BJR
CHECKED: BJR

DATE: 04/07/15

**TANK
REMOVAL PLAN
SHEET:**

8.1 OF 17

