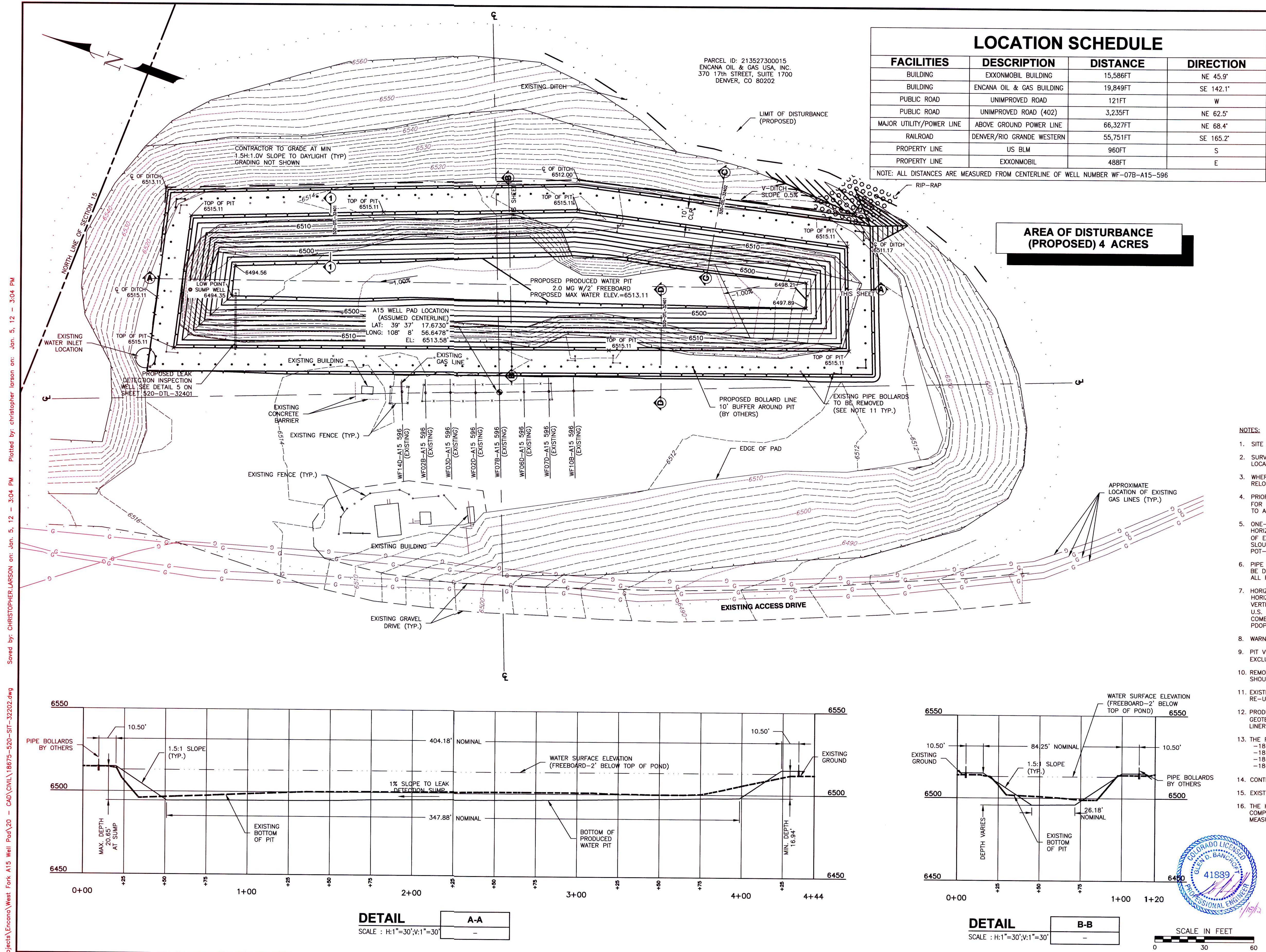
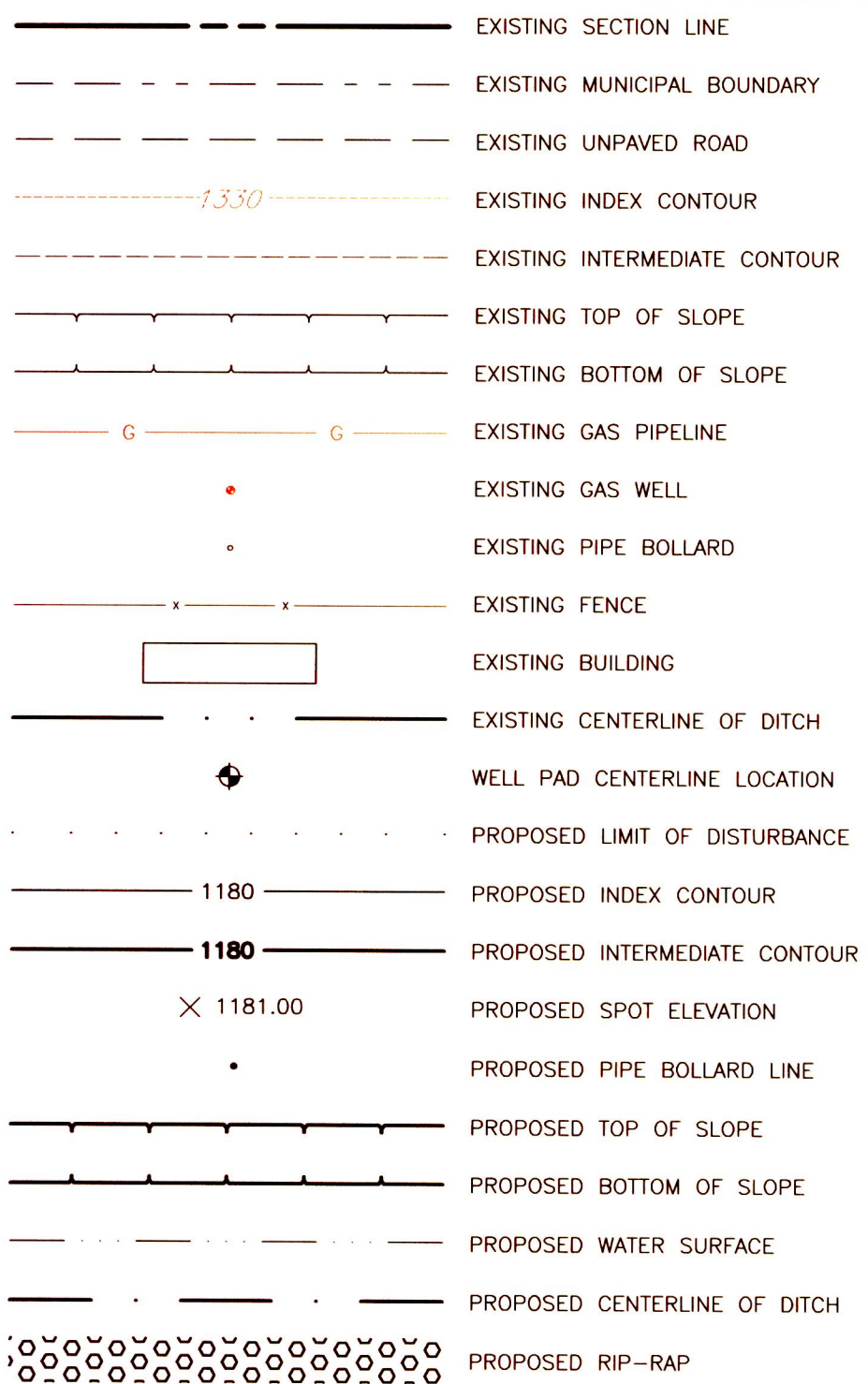


File Path S:\ActiveProjects\Encana\West Fork A15 Well Pad_20 - CAD\CIVIL\18675-520-SIT-32202.dwg Saved by: CHRISTOPHER LARSON on: Jan. 5, 12 - 3:04 PM Plotted by: christopher larson on: Jan. 5, 12 - 3:04 PM



LEGEND



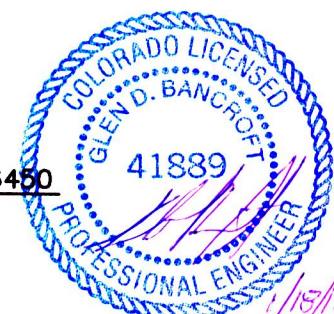
NOTES:

- SITE FEATURES AND TOPOGRAPHY WERE SURVEYED BY UNIVERSALPEGASUS INTERNATIONAL ON 7/21/11.
- SURVEY BENCHMARK AND SURVEY CONTROL SHOULD BE ESTABLISHED BY THE CONTRACTOR FOR PIT LOCATION, DEPTH AND SLOPE LIMITS, PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
- WHERE WATERLINE RISER INTERFERES WITH PROPOSED PRODUCED WATER PIT, RISER SHALL BE RELOCATED BY OTHERS, PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
- PRIOR TO ANY EXCAVATION WORK ON A PAD THAT HAS PIPELINES, THE PIPELINE SHALL BE PREPPED FOR CONSTRUCTION. PIPELINE SHALL BE LOCKED-OUT/TAGGED OUT, PURGED, WATER TESTED AND OPEN TO ATMOSPHERE.
- ONE-CALL SHALL BE MADE IN ACCORDANCE WITH COLORADO STATE LAW. AFTER ALL PIPES HAVE BEEN HORIZONTAL LOCATED, DEPTH OF PIPES MUST BE DETERMINED WHEN PIPELINES ARE WITHIN TWO FEET OF EXCAVATION. THIS SHALL BE DONE BY DIGGING 6" DOWN ON EITHER SIDE OF THE PIPE AND SLOUGHING OFF THE MATERIAL BY HAND TO LOCATE THE PIPE. WHERE SPACE IS CONFINED, POT-HOLING SHALL BE USED TO LOCATE THE PIPE.
- PIPE BOLLARD, FENCING, SWING GATE, EMERGENCY EGRESS PERSONNEL GATES AND BIRD NETTING TO BE DESIGNED AND LOCATED BY OTHERS. PIPE BOLLARDS SHOWN ON PLAN ARE FOR INFORMATION ONLY. ALL PIPE BOLLARD PLACEMENT SHOULD AVOID EXISTING GAS AND WATER LINE INTERFERENCE.
- HORIZONTAL DATUM=NA83
HORIZONTAL PROJECTION=COLORADO CENTRAL ZONE
VERTICAL DATUM=NAVD88 (GEOID 03)
U.S. SURVEY FEET (GRID)
COMBINED SCALE FACTOR=0.99966821
PDOP=1.28
- WARNING SIGNS & ENTRY REGULATORY SIGNAGE TO BE PROVIDED & INSTALLED BY OWNER.
- PIT VOLUME SHOWN ON PLANS IS MEASURED FROM WATER SURFACE ELEVATION TO BOTTOM OF BIT AND EXCLUDES THE 2' FREEBOARD VOLUME.
- REMOVE EXISTING LINERS AND FILL IN EXISTING PIT WITH SPOILS FROM NEW PIT EXCAVATION. SPOILS SHOULD BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- EXISTING STEEL PIPE BOLLARDS IN CONSTRUCTION AREA SHALL BE REMOVED AND SET ASIDE FOR RE-USE. HOLES SHALL BE FILLED WITH ONSITE FILL MATERIAL AND THOROUGHLY COMPACTED.
- PRODUCED WATER PIT LINER SYSTEM SHALL CONSIST OF A PRIMARY AND SECONDARY LINER, A GEOTEXTILE CUSHION (OCL) LAYER, AND INTERSTITIAL DRAINAGE LAYER WITH LEAK DETECTION WELL. FOR LINER SYSTEM DETAILS SEE DWG. 520-DTL-32401.
- THE FOLLOWING PROJECT SPECIFICATIONS SHALL BE INCORPORATED BY REFERENCE:
 - 18675-520-SPC-001 EARTHWORK AND PIT CONSTRUCTION
 - 18675-520-SPC-002 GEOSYNTHETIC CLAY LINER
 - 18675-520-SPC-003 GEOTEXTILE DRAINAGE LAYER
 - 18675-520-SPC-004 GEOMEMBRANE LINER
- CONTRACTOR TO INSTALL RIP-RAP (2" MATERIAL) AT DITCH OUTFALL SHOWN.
- EXISTING DITCHES SHALL BE RETURNED TO FUNCTIONAL CONDITION ONCE WORK IS COMPLETE.
- THE HILLSIDE NORTH AND EAST OF PIT SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER COMPLETION OF FINISHED GRADING. CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES AS REQUIRED.

PRELIMINARY EARTHWORK CALCULATIONS:
2944 CYDS CUT
869 CYDS FILL
2075 CYDS NET CUT

ISSUED FOR CONSTRUCTION
01/05/12

Know what's below.
Call before you dig.



SCALE IN FEET
0 30 60



DRAWN SWH DATE 08/05/11
CHECKED GDB DATE 11/15/11
APPROVED GDB DATE 11/18/11
SCALE 1"=30'-0" SHEET 2 OF 2
JOB NO. 18675
CLIENT ENCANA NATURAL GAS
CLIENT JOB NO. -

CIVIL/STRUCTURAL
WEST FORK PARACHUTE CREEK - A15 WELL PAD
PRODUCED WATER PIT
LOCATION & GRADING PLAN

TSS R96W

GARFIELD COUNTY, COLORADO



DRAWING NO.
18675-520-SIT-32202

REV.
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