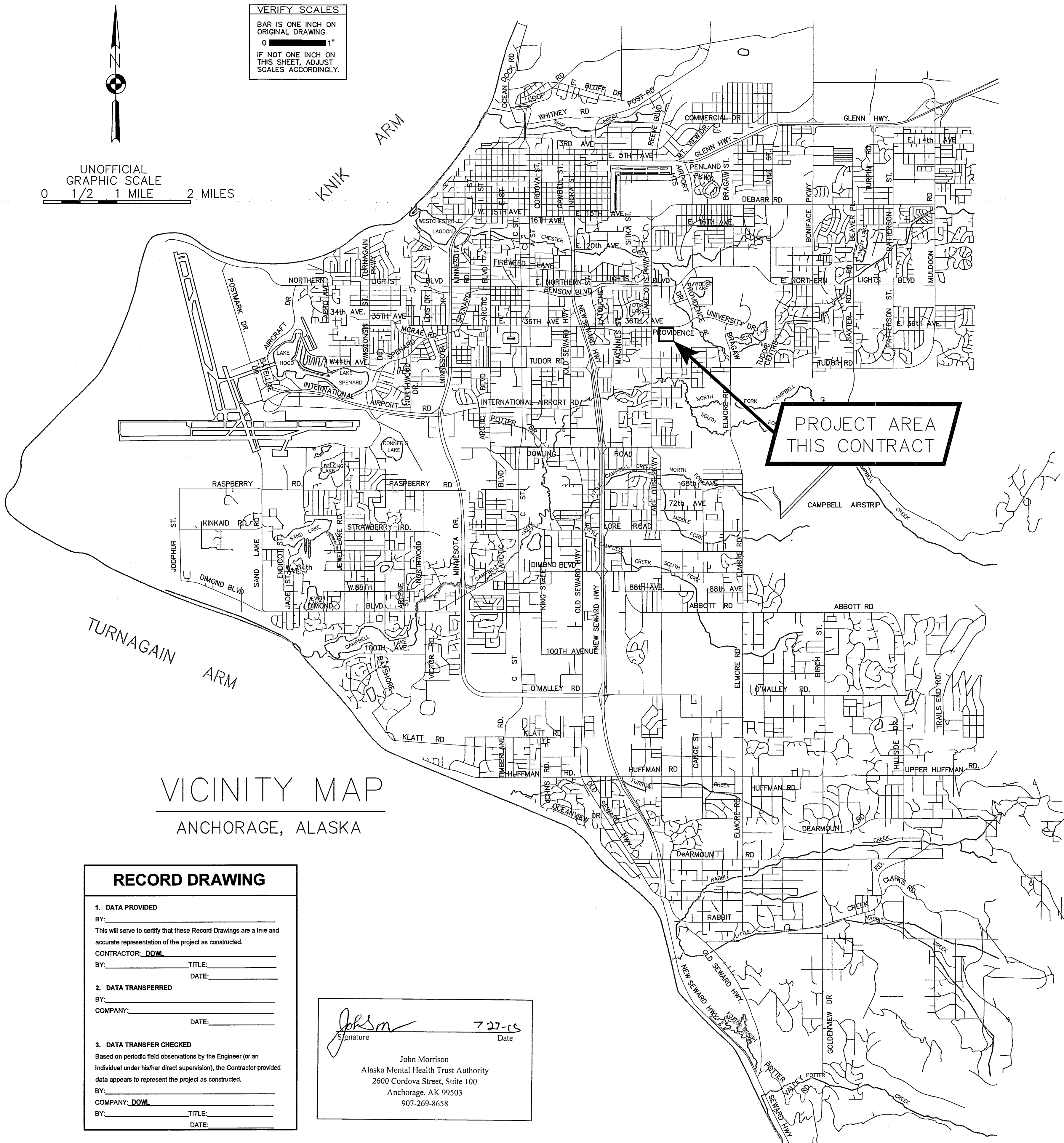




VICINITY MAP
ANCHORAGE, ALASKA

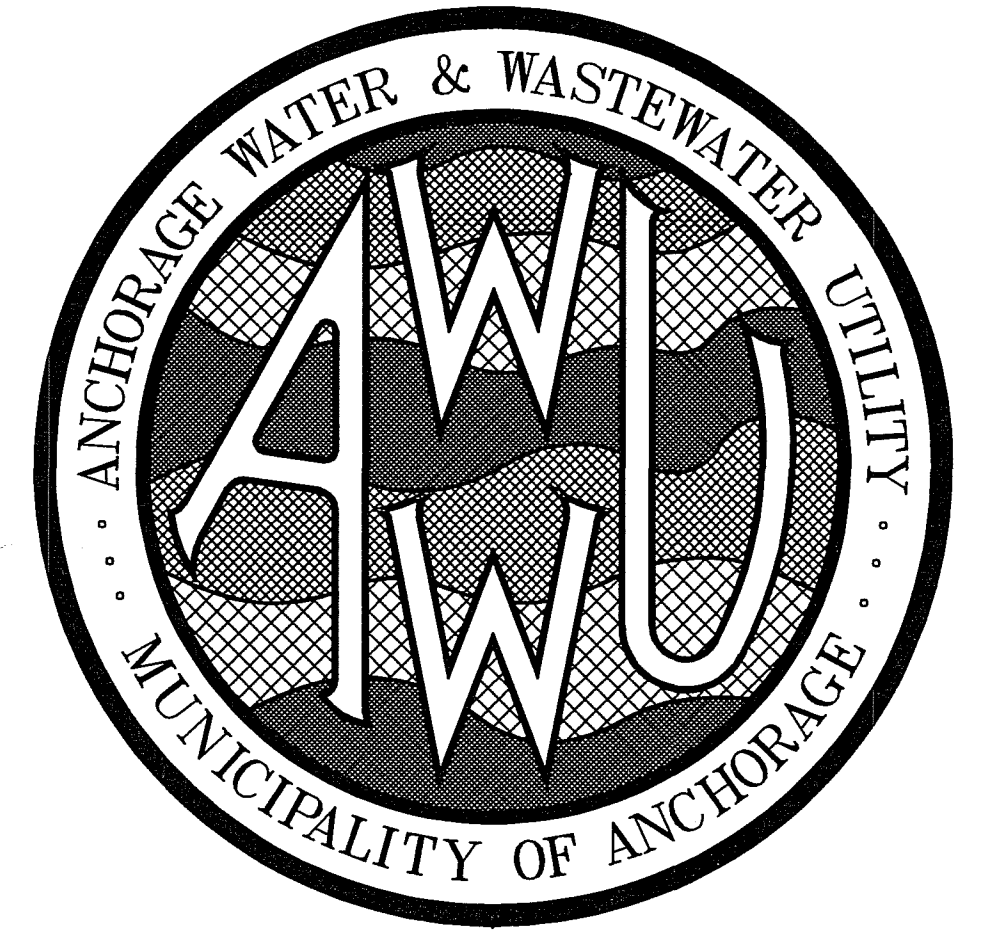
RECORD DRAWING

1. DATA PROVIDED
BY: _____
This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
CONTRACTOR: DOWL
BY: _____ TITLE: _____
DATE: _____

2. DATA TRANSFERRED
BY: _____
COMPANY: _____
DATE: _____

3. DATA TRANSFER CHECKED
Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.
BY: _____
COMPANY: DOWL
BY: _____ TITLE: _____
DATE: _____


John Morrison
Alaska Mental Health Trust Authority
2600 Cordova Street, Suite 100
Anchorage, AK 99503
907-269-8658



MUNICIPALITY OF ANCHORAGE
WATER AND WASTEWATER UTILITY

PROVIDENCE-CHESTER CREEK SUBDIVISION
TRACT C-2

BASED UPON AWWU'S INTERPRETATION OF THE DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL IS TO ENSURE THAT THE PLANS WERE DESIGNED TO AWWU'S STANDARDS AND THE SIGNEE IS NOT LIABLE FOR ANY ERRORS OR OMISSIONS.

APPROVED FOR CONSTRUCTION
By Anchorage Water and Wastewater Utility

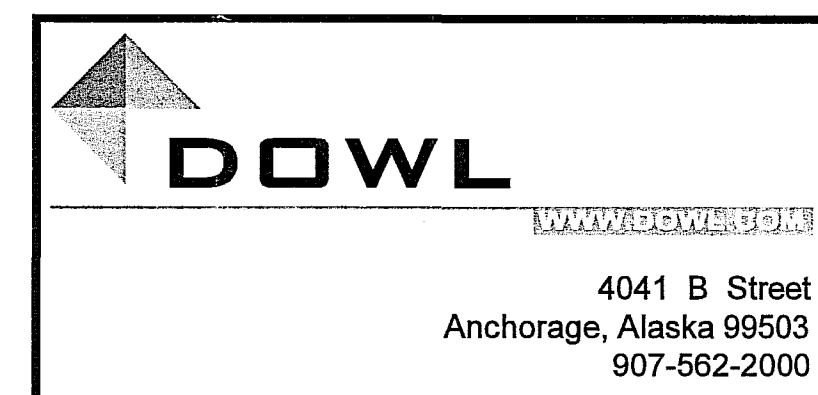
Date: 9/17/16 By: 

PROJECT IDENTIFICATION No. WS15-008

07/29/2015

SHEET INDEX

SHEET NO.	SUBJECT
1	COVER SHEET
2	ABBREVIATIONS, KEY MAPS, LEGEND AND NOTES
3	SURVEY CONTROL
4	DEMOLITION PLAN
5	WATER PLAN AND PROFILE
6	SANITARY SEWER PLAN & PROFILE



LEGEND

EXISTING	PROPOSED	
		PROPERTY LINE
		ADJACENT PROPERTY
		ROW CENTERLINE
		EASEMENT LINE
		CONTROL POINT
		SURVEY MONUMENT
		REBAR
		BENCH MARK
		BUILDING
		CONCRETE
		EDGE OF PAVEMENT
		CURB AND GUTTER
		FENCE
		EDGE OF TREES
		TREE CONIFEROUS
		TREE DECIDUOUS
		WATER LINE
		VALVE / KEYBOX
		FIRE HYDRANT
		CAP
		SEWER LINE
		SEWER MANHOLE
		SEWER CLEANOUT
		STORM DRAIN LINE
		STORM DRAIN MANHOLE
		CATCH BASIN (TOP or FIELD INLET)
		CATCH BASIN (SIDE INLET)
		GAS LINE
		COMMUNICATION LINE
		TELECOMMUNICATIONS PEDESTAL
		OVERHEAD ELECTRIC LINE
		UNDERGROUND ELECTRIC LINE
		POWER POLE / UTILITY POLE
		LIGHTPOLE
		ELECTRIC PEDESTAL
		ELECTRIC METER
		JUNCTION BOX
		TEST BORING
		TEST PIT
		TRAFFIC SIGNAL POLE
		TRAFFIC BOX
		GUY WIRE & ANCHOR
		BOLLARD
		SIGN
		STATION LINE & LABEL

SOILS LEGEND

AS	ASPHALT PAVEMENT
GM	SILTY GRAVEL WITH SAND
GP	POORLY GRADED GRAVEL WITH SAND
GP GM	POORLY GRADED GRAVEL WITH SILT AND SAND
ML	INORGANIC SILTS AND CLAY
PT	PEAT AND OTHER HIGHLY ORGANIC SOILS
SM	SILTY SAND WITH GRAVEL
SM ML	SILTY SAND AND CLAY
SP	POORLY GRADED SANDS, GRAVELLY SANDS
SP SM	POORLY GRADED SAND WITH SILT AND GRAVEL
SW	WELL GRADED SANDS, GRAVELLY SANDS
	DEPTH OF GROUNDWATER ON DATE INDICATED

REFERENCED MASS DETAILS

30-1	CURB AND GUTTER CROSS SECTIONS
30-8	PERPENDICULAR CURB RAMP
40-2	PAVEMENT CUT REPLACEMENT
50-1	SANITARY MANHOLE TYPE "A" PIPE 8" TO 24"
50-4	TYPE A AND B MANHOLE BASE PLAN
50-5	MANHOLE HEIGHTS
50-6	MANHOLE STEP
50-8	MANHOLE COVER
50-9	MANHOLE FRAME
60-6	THRUST BLOCK
60-8	TYPICAL VALVE BOX



BEFORE YOU DIG
CALL FOR FREE
UNDERGROUND
LOCATION

Locate Call Center of Alaska
Anchorage Area.....278-3121 DR 811
Statewide.....800-478-3121
who will notify subscribed utilities only.
Other utilities need to be contacted
individually.

SEWER NOTES

- EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF SANITARY SEWER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SANITARY SEWER SERVICE TO THE EXISTING CUSTOMERS IF DEEMED NECESSARY BY THE ENGINEER.
- ALL MANHOLES SHALL HAVE A MINIMUM OF ONE SIX-INCH (6") GRADE RING AND MAXIMUM GRADE RING ADJUSTMENT SHALL NOT EXCEED EIGHTEEN (18") INCHES, PER MASS.
- ALL SANITARY SEWER MAINS AND SERVICE LINES SHALL BE C900, DR18 POLYVINYL CHLORIDE (PVC) PIPE.
- SANITARY SEWER SERVICES SHALL BE 8-INCHES, UNLESS NOTED ON PLANS WITH A MINIMUM SLOPE FOR 8-INCH SERVICES TO BE 0.4%, PER SECTION 30.02.01.05 OF THE DCPM.
- WHERE FEASIBLE, SANITARY SEWER SERVICES SHALL BE PLACED NO CLOSER THAN: 15 FEET HORIZONTALLY MEASURED TO ANY FIRE HYDRANT OR FIRE HYDRANT LEG; 10 FEET HORIZONTALLY MEASURED TO ANY WATER MAIN, WATER SERVICE, STORM SEWER, FOOTING DRAIN, STREET LIGHT, TRANSFORMER PAD, ELECTRICAL/TELEPHONE/CABLE BOX; AND 5 FEET HORIZONTALLY MEASURED TO ANY SIDE LOT LINE.
- ALL PIPE BEDDING SHALL BE CLASS E MATERIAL.
- SEWER MAIN AND SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- THE CONTRACTOR SHALL RELOCATE ANY SEWER SERVICE CONNECTIONS INSTALLED WITH LESS THAN MINIMUM STANDARD MEASURED DISTANCES PRIOR TO FINAL ACCEPTANCE BY AWWU.
- STATIONING IS ALONG CENTERLINE OF PIPE. ELEVATIONS ARE TO PIPE INVERT, MANHOLE INVERT, TOP OF RIM, OR CLEANOUT ELEVATION UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL SEQUENCE WORK TO ENSURE SANITARY SEWER LINE IS PROTECTED AGAINST FREEZING PRIOR TO COMMISSIONING OF PIPE.

WATER CONSTRUCTION NOTES

- AWWU, AFD AND EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF WATER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER SERVICE TO THE EXISTING CUSTOMERS IF THE OUTAGE EXCEEDS 6-HOURS OR IF DEEMED NECESSARY BY THE ENGINEER. THE CONTRACTOR SHALL HAVE A TEMPORARY WATER SERVICE PLAN REVIEWED AND APPROVED BY ADEC.
- ALL WATER SERVICE SHALL BE PVC C900 DR18 WITH CERTA-LOK® RJLB.
- ALL BENDS, TEES, FIRE HYDRANTS, AND DEAD-ENDS SHALL HAVE RESTRAINED FITTINGS.
- NO PIPE LENGTH LESS THAN EIGHT (8") FEET SHALL BE INCORPORATED IN THE WATER SYSTEM EXCEPT FOR THOSE NECESSARY FOR FIRE HYDRANTS OR VALVE LOCATIONS UNLESS RESTRAINED.
- THRUST RESTRAINT SHALL BE PROVIDED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTINGS (OR EQUAL) ON ALL JOINTS. THE USE OF THRUST BLOCKS ARE REQUIRED FOR PVC PIPE.
- WATER MAIN SHALL BE 8" UNLESS NOTED ON PLANS.
- WATER SERVICES SHALL BE PLACED NO CLOSER THAN: 15 FEET HORIZONTALLY MEASURED TO ANY FIRE HYDRANT OR FIRE HYDRANT LEG; 10 FEET HORIZONTALLY MEASURED TO ANY SANITARY SEWER MAIN, SANITARY SEWER SERVICE, STORM SEWER, FOOTING DRAIN, STREET LIGHT, TRANSFORMER PAD, ELECTRICAL/TELEPHONE/CABLE BOX; AND 5 FEET HORIZONTALLY MEASURED TO ANY SIDE LOT LINE
- THE CONTRACTOR SHALL HAVE THE NEWLY INSTALLED WATER SERVICE OPEN BORE FLUSHED TO BE WITNESSED BY AWWU. PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE PRIOR TO INSTALLATION OF WATER SERVICE.
- ALL WATER SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- ALL WATER SERVICES SHALL HAVE A MINIMUM OF 10 FEET OF BURY AT ALL POINTS.
- NO DEFLECTION ALLOWED ON PVC.
- ALL PIPE BEDDING SHALL BE CLASS "E" MATERIAL.
- THE CONTRACTOR SHALL RELOCATE ANY WATER SERVICE CONNECTIONS INSTALLED WITH LESS THAN MINIMUM STANDARD DISTANCES PRIOR TO ACCEPTANCE BY AWWU.
- CONTRACTOR SHALL INSTALL CATHODIC PROTECTION IN ACCORDANCE WITH SECTION 20.10.04 OF THE AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL.

BASED UPON AWWU'S INTERPRETATION OF THE
DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL
IS TO ENSURE THAT THE PLANS WERE DESIGNED TO
AWWU STANDARDS AND THE SIGNEE IS NOT
LIABLE FOR ANY ERRORS OR OMISSIONS.

APPROVED FOR CONSTRUCTION
By Anchorage Water and Wastewater Utility

Date 9/17/16 By [Signature]

ABBREVIATIONS

AC	ASBESTOS CEMENT	MOA	MUNICIPALITY OF ANCHORAGE
ACP	ASPHALT CONCRETE PAVEMENT	ML&P	MUNICIPAL LIGHT & POWER
ADEC	ALASKA DEPARTMENT OF	N	NORTH
	ENVIRONMENTAL CONSERVATION	NFS	NON-FROST SUSCEPTIBLE
AFD	ANCHORAGE FIRE DEPARTMENT	NTS	NOT TO SCALE
APPROX	APPROXIMATE	O&M	OPERATIONS AND MAINTENANCE
AWWU	ANCHORAGE WATER & WASTEWATER UTILITY	OC	OVERHEAD COMMUNICATIONS
		OE	OVERHEAD ELECTRIC
BM	BENCH MARK	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
BOP	BOTTOM OF PIPE	PSI	POUNDS PER SQUARE INCH
C&G	CURB AND GUTTER	PVC	POLYVINYL CHLORIDE
CC	CURB CUT	R	RADIUS
CI	CAST IRON	RCP	REINFORCED CONCRETE PIPE
COM	COMMUNICATIONS	RJIB	RESTRAINED JOINT INTEGRAL BELL
CN	CONCRETE	ROW	RIGHT OF WAY
DCPM	DESIGN AND CONSTRUCTION PRACTICES MANUAL	RT	RIGHT TURN
		S	SOUTH
DI	DUCTILE IRON	SDCB	STORM DRAIN CATCH BASIN
DIA	DIAMETER	SDCB	SANITARY SEWER CLEANOUT
DR	DRAIN	SDMH	STORM DRAIN MANHOLE
E	EAST	SSMH	SANITARY SEWER MANHOLE
ESMT	EASEMENT	ST	STEEL
ELEC	ELECTRICAL	STA	STATION
ELEV	ELEVATION	STD	STANDARD
EP	EDGE OF PAVEMENT	TB	TEMPORARY BENCHMARK
INV	INVERT	TBC	TOP BACK OF CURB
LF	LINEAR FEET	TELE MH	TELEPHONE MANHOLE
LT	LEFT	T&E	TELEPHONE & ELECTRIC
MAX	MAXIMUM	TYP	TYPICAL
MASS	MOA STANDARD SPECIFICATIONS	W	WEST
MIN	MINIMUM		

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN 2015 EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS), AS CURRENTLY AMENDED, AND THE 2012 AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL.
- MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION BETWEEN WATER AND SANITARY OR STORM SEWER MAINS AND SERVICES. SANITARY AND STORM SEWER JOINTS SHALL BE PLACED A MINIMUM OF NINE(9) FEET FROM ANY WATERLINE CROSSING.
- MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MAINS OR SERVICES) OR SANITARY SEWER (MAINS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, THEN PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND PROVIDE A MINIMUM OF 4-INCH THICK INSULATION.
- ALL WATER/SEWER PIPE INSULATION SHALL BE RIGID BOARD, HIGH DENSITY EXTRUDED POLYSTYRENE, MIN. 60 P.S.I., FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R-20 PER FOUR (4) INCH THICK INSULATION.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
- IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE, THE DIMENSIONED LOCATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.
- THE CONTRACTOR SHALL FOLLOW ALL MUNICIPALITY OF ANCHORAGE REGULATIONS FOR NOISE, HOURS OF OPERATIONS, AND DUST CONTROL.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED AT THE JOB SITE.
- LOCATIONS DEPICTED FOR THE UTILITIES AND OTHER EXISTING FEATURES ARE APPROXIMATE. SOME UTILITIES HAVE BEEN LOCATED FROM RECORD DRAWINGS AND SOME FROM UTILITY COMPANY LOCATES, AND THEREFORE MAY NOT BE VISIBLE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL UTILITIES AND SHALL EXERCISE CAUTION DURING CONSTRUCTION.
- SHORING OF UTILITY POLES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
- UNDERGROUND AND OVERHEAD ELECTRICAL AND TELECOMMUNICATION LINES AND POLES OCCUR WITHIN THE PROJECT AREA; CONTRACTOR SHALL COORDINATE WORK ACCORDINGLY. ALL WORK IN CLOSE PROXIMITY TO EXISTING LINES AND POLES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES, CODES AND GUIDELINES, AND THE ELECTRICAL FACILITY CLEARANCE REQUIREMENTS OF THE GOVERNING UTILITY. FOLLOW GUIDELINES FOR THE PROPER SUPPORT OF CABLES AND CONDUITS WHEN CONDUCTING EXCAVATION AROUND SUCH FACILITIES. HAND DIGGING IS REQUIRED WITHIN TWO FEET OF BURIED ELECTRICAL CABLE.
- COORDINATE ALL EXCAVATION NEAR GAS LINES WITH GAS UTILITY COMPANY. CONTRACTOR SHALL COMPLY WITH ALL UTILITY SAFETY REQUIREMENTS AND ALLOW/COORDINATE UTILITY INSPECTION WITH THE UTILITY OWNER PRIOR TO BACKFILLING.
- TACK COAT SHALL BE APPLIED TO THE SAWN FACE OF ASPHALT.
- WATER RESULTING FROM CONTRACTOR'S DEWATERING EFFORT SHALL NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS UNLESS REQUIRED PERMITS ARE OBTAINED BY CONTRACTOR. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO DIVERT WATER FROM THE EXCAVATION ONTO THE ROADWAYS. CONTRACTOR SHALL PROVIDE DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS.
- CONTRACTOR SHALL RESTORE DISTURBED PROPERTY TO PRECONSTRUCTION CONDITION(S), UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENTS FOR RESTORING DISTURBED PROPERTY SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE, UNLESS BID ITEMS ARE PROVIDED.
- MAINTAIN INTEGRITY OF EXISTING FILL BENEATH PAVEMENT THAT IS ADJACENT TO TRENCH.
- DIMENSIONS SHOWN ARE TO EDGE OF PAVEMENT, GRADE BREAK, EDGE OF CONCRETE, OR FACE OF SIDEWALK.

WATER KEYMAP (GRID SW1734)

SCALE: NTS

SEWER KEY MAP (GRID SW1734)

SCALE: NTS

VERIFY SCALE

THIS BAR REPRESENTS
ONE INCH ON ORIGINAL
DRAWING.

0" 1"

IF BAR IS NOT ONE
INCH, ADJUST DRAWING
SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: N/A
VERT SCALE:

RECORD DRAWING

Note: To be filled out on original drawings upon project completion.

- DATA PROVIDED BY: XXXXX
This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
CONTRACTOR: XXXXX
BY: _____ TITLE: XXXXX
DATE: 00/00/00
- DATA TRANSFERRED BY: XXXXX
COMPANY: XXXXX
DATE: 00/00/00

- Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.
DATA TRANSFER CHECKED BY: XXXXX
COMPANY: XXXXX
BY: _____ TITLE: XXXXX
DATE: 00/00/00

REUSE OF DOCUMENTS

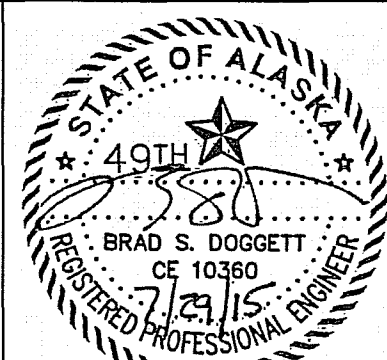
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COMPANY NAME
DOWL

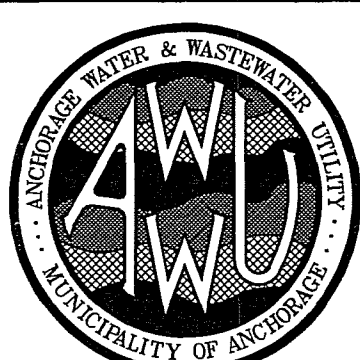
ADDRESS
4041 B STREET
ANCHORAGE, AK 99503

PHONE
907-562-2000

CONSULTANT



SEAL



OWNER

MUNICIPALITY OF ANCHORAGE WATER &
WASTE WATER UTILITY

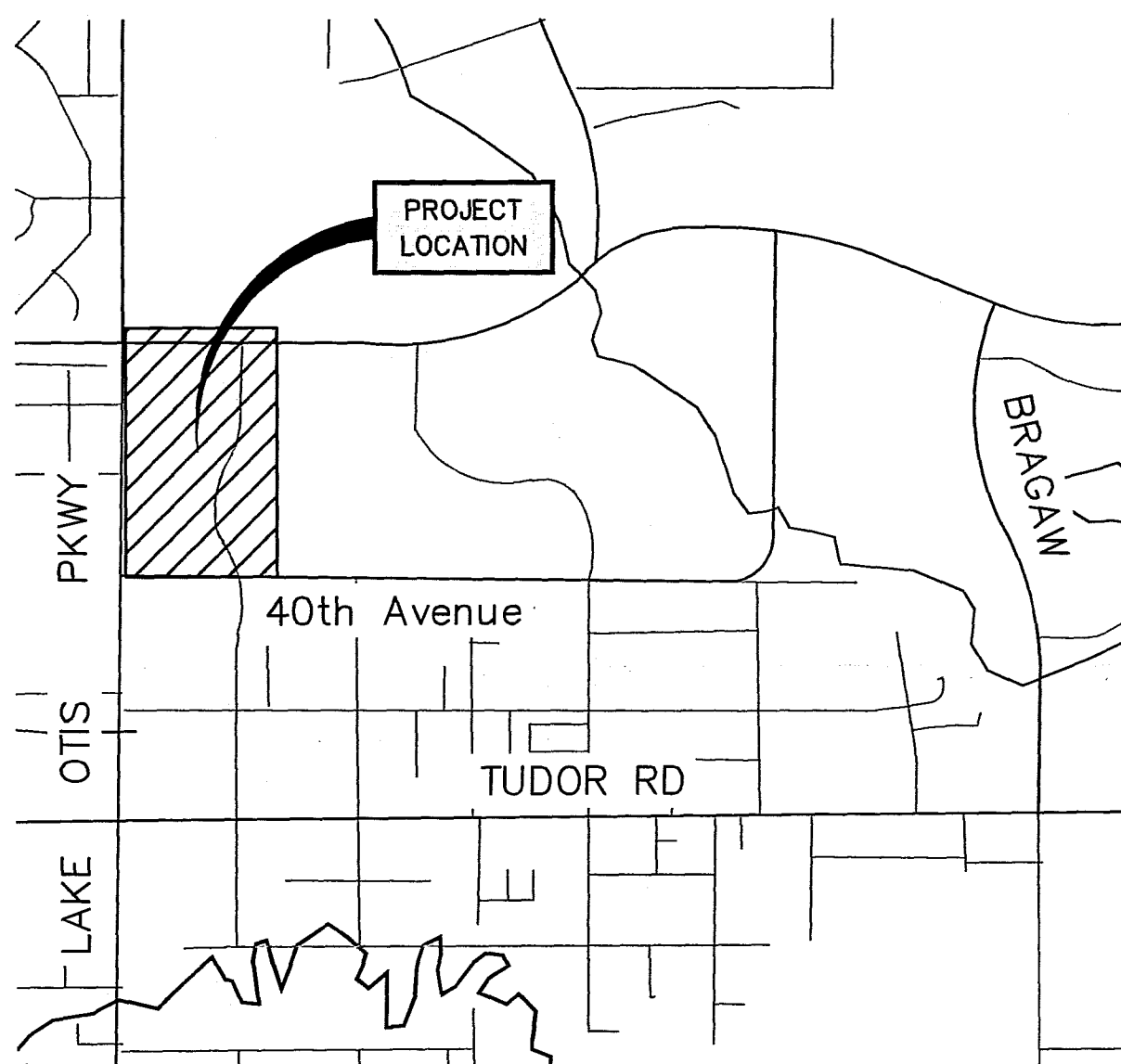
PROVIDENCE - CHESTER CREEK SUBDIVISION TRACT C-2

ABBREVIATIONS, KEYMAPS,
LEGEND AND NOTES

HORZ SCALE: N/A DATE: JULY 2015 GRID: SW1734

AWWU PRIVATE DEVELOPMENT #: WS15-008

SHEET 2 of 6

**VICINITY MAP - GRID**

SCALE 1" = 1000'

SURVEY CONTROL NOTES**HORIZONTAL CONTROL**

This project is located entirely within the Anchorage Bowl 2000 adjustment, a local surface grid coordinate system expressed in U.S. Survey feet units developed by the Alaska Department of Transportation.

The Basis of Coordinates is NGS Station O'Malley, located near the intersection of the New Seward Highway and O'Malley Road. Said station has Anchorage Bowl 2000 coordinates of 303939.2310 N, 353362.5446 E. U.S. Survey Feet.

The Basis of Bearings is a local plane bearing between NGS Station O'Malley and NGS Station Loop 2 USE RM 3 1964. NGS Station Loop 2 USE RM 3 1964 bears N 01°43'26.4"E a distance of 49488.4476 feet from NGS Station O'Malley. NGS Station Loop 2 USE RM 3 1964 has Anchorage Bowl 2000 coordinates of 353405.2778 N, 354851.3982 E. U.S. Survey Feet.

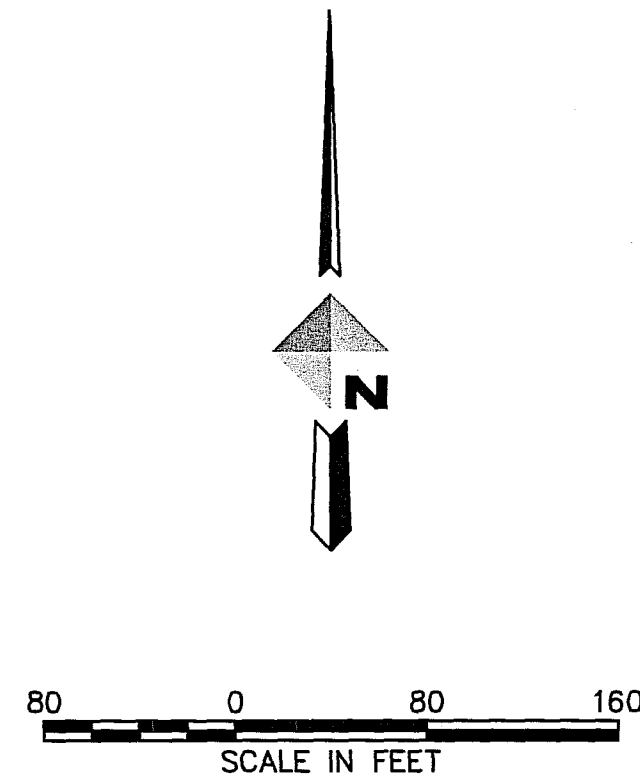
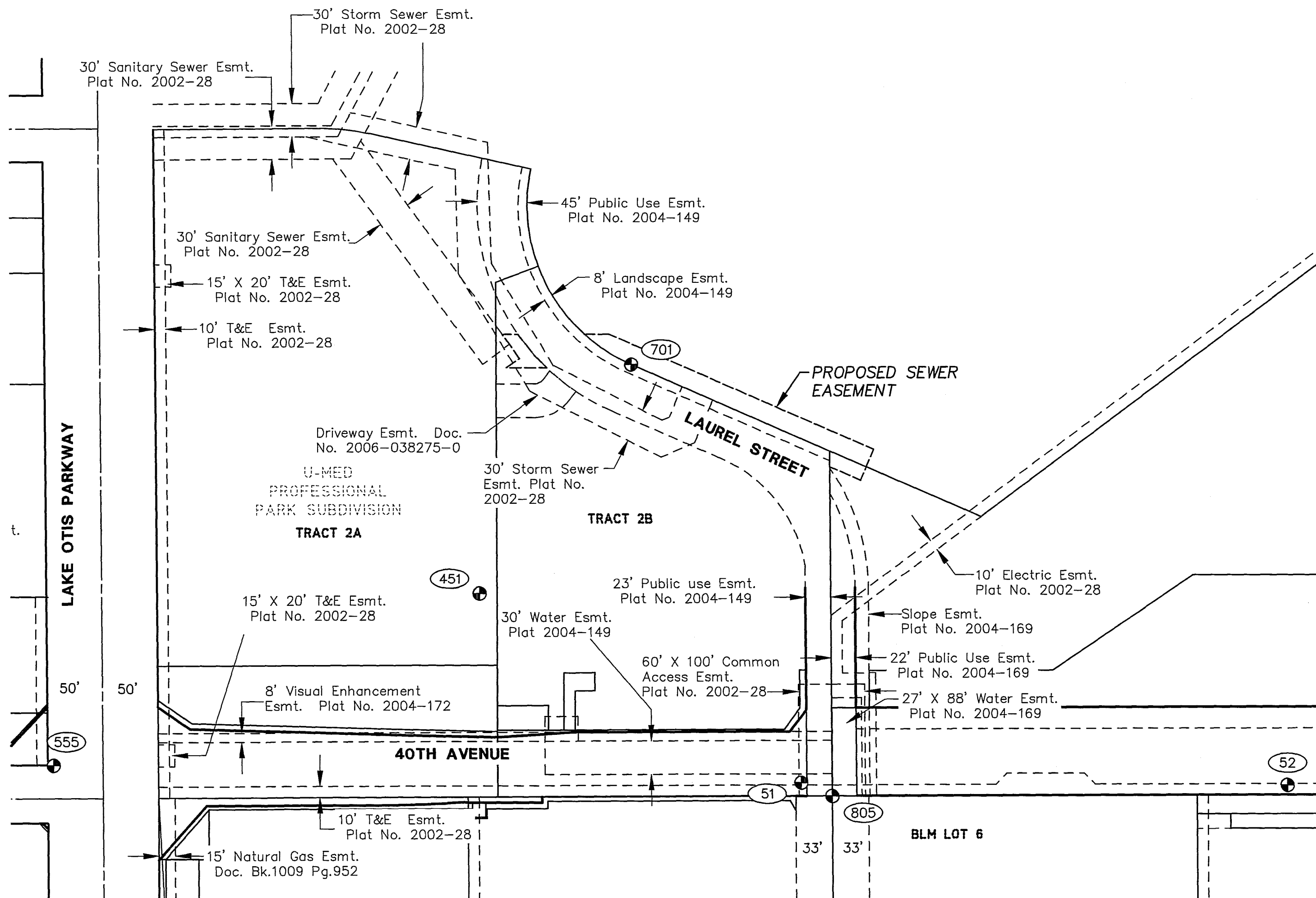
To convert the local coordinates to NAD83 (92) State Plane coordinates expressed in U.S. Survey Feet, translate using +2296868.6878 N usf, +1312517.4904 E usf, and scale using 0.9998910192.

VERTICAL CONTROL

Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevation is Benchmark "GAAB-17" having a value of 154.49 feet and "GAAB-101" having a value of 136.22 feet. The datum is NGS 1972 ADJUST.

SURVEY NOTES

- The field survey was performed by DOWL from November 2006 to February 2007, May 2009, and January 2011. Field survey information for this project is located in DOWL HKM Field Book No. 2085, Pages 1 through 67, Field Book No. 2086, Pages 2 through 69, Field Book No. 2087, Pages 1 through 74, Field Book No. 2090, Pages 1 through 76, Field Book No. 2097, Pages 1 through 27 and 63 through 64, Field Book No. 2099, Pages 63 through 69.
- All distances are ground distances reduced to horizontal in U.S. Feet.
- Feet to Meter conversion factor is 1200/3937.
- Background property information shown hereon is based on plats, deeds, or record of surveys researched for this project and is shown for orientation purposes only.
- Whether listed or not, all monuments or property markers, corners, or accessories which will be disturbed or buried, shall be referenced and reestablished in their original position (AS 19.10.260) and recorded (AS 34.65.040).
- Underground Natural Gas, Telephone, Electric, and Cable TV lines were not field located.
- Location of water utility lines is approximate. They are drawn from valve to valve using As-Built information and were not field located.

**LEGEND**

- SURVEY MONUMENT
- CONTROL POINT NUMBER
- ADJACENT PROPERTY
- ROW CENTERLINE
- EASEMENT

SURVEY CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
51	328,296.68	357,265.23	-	Alum. Cap
52	328,294.23	357,705.13	-	Alum. Cap
451	328,465.90	356,974.69	-	Alum. Cap
555	328,313.07	356,589.00	-	Brass Cap
701	328,670.26	357,112.26	-	Alum. Cap
805	328,284.71	357,293.52	-	Alum. Cap

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APPROVED FOR CONSTRUCTION

By Anchorage Water and Wastewater Utility

Date 9/17/16

VERIFY SCALE

THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING.

0" 1"

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: 1"=80'
VERT SCALE:

RECORD DRAWING

Note: To be filled out on original drawings upon project completion.

1. DATA PROVIDED BY: XXXXX

This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.

CONTRACTOR: XXXXX

BY: _____ TITLE: XXXXX

DATE: 00/00/00

2. DATA TRANSFERRED BY: XXXXX

COMPANY: XXXXX

DATE: 00/00/00

3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.

DATA TRANSFER CHECKED BY: XXXXX

COMPANY: XXXXX

BY: _____ TITLE: XXXXX

DATE: 00/00/00

REUSE OF DOCUMENTS

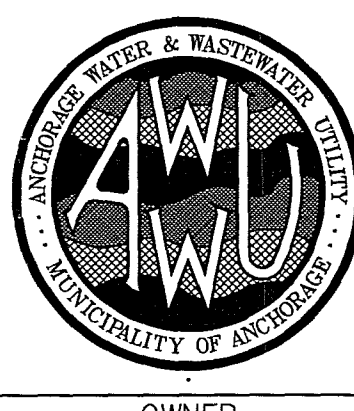
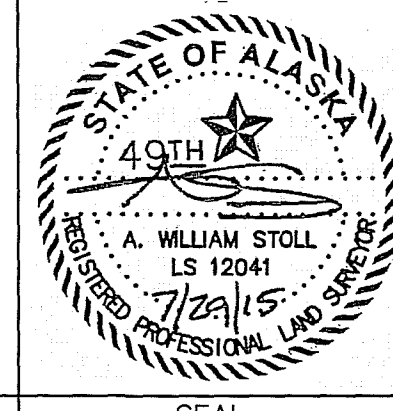
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COMPANY NAME
DOWL

ADDRESS
4041 B STREET
ANCHORAGE, AK 99503

PHONE
907-562-2000

CONSULTANT



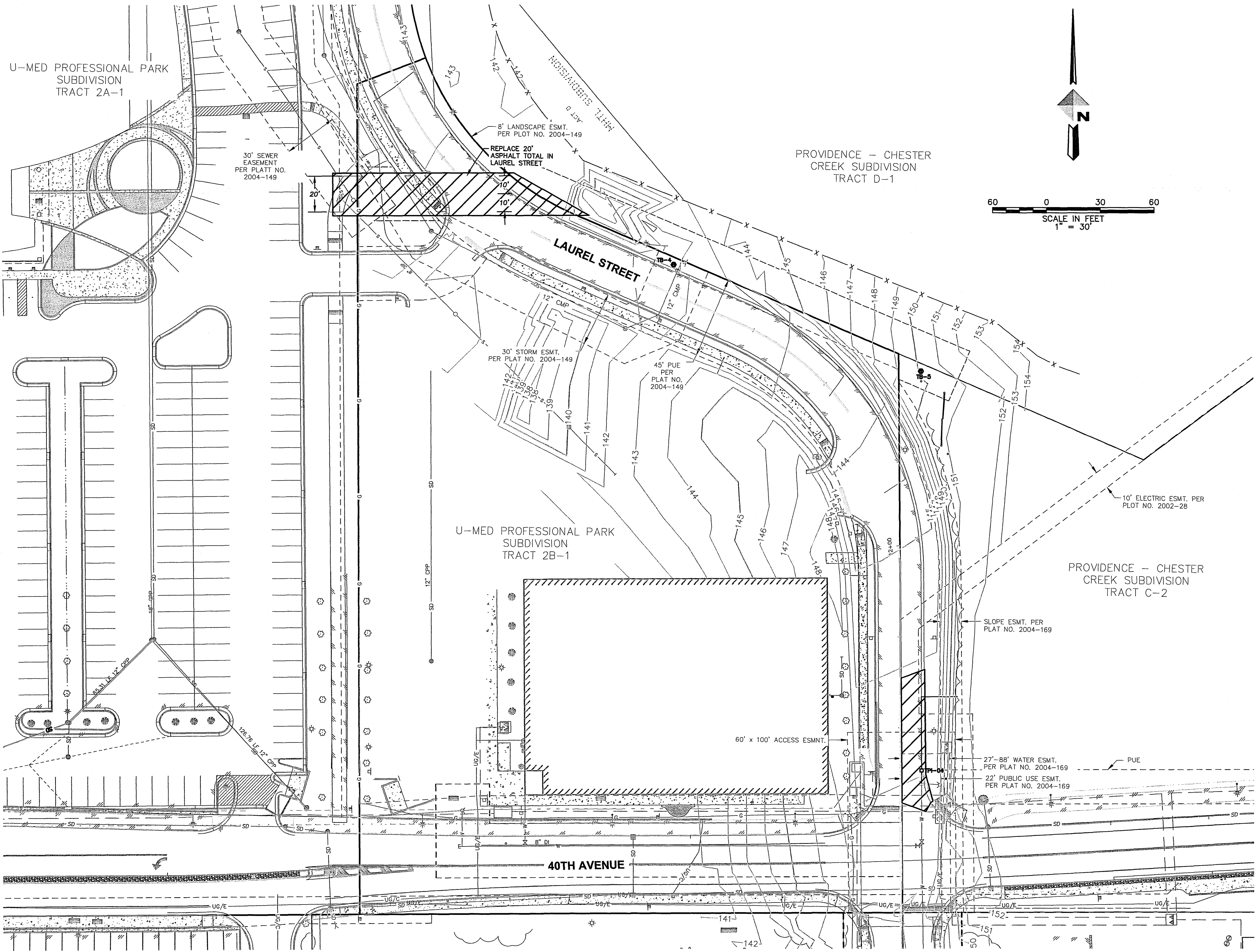
MUNICIPALITY OF ANCHORAGE WATER & WASTE WATER UTILITY

PROVIDENCE - CHESTER CREEK SUBDIVISION TRACT C-2

SURVEY CONTROL

HORZ SCALE: 1"=80'
VERT SCALE:
DATE: JULY 2015
GRID: SW1734
AWWU PRIVATE DEVELOPMENT #: WS15-008

SHEET 3 of 6



DEMOLITION KEY



REMOVE ASPHALT/CONCRETE

BASED UPON AWWA'S INTERPRETATION OF THE DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL IS TO ENSURE THAT THE PLANS WERE DESIGNED TO AWWA'S STANDARDS AND THE SIGNEE IS NOT LIABLE FOR ANY ERRORS OR OMISSIONS.

APPROVED FOR CONSTRUCTION
By Anchorage Water and Wastewater Utility

Date 9/17/15

VERIFY SCALE

THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING.

0" 1"

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: 1"=30'
VERT SCALE:

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
BASE			TELEPHONE						
TOPOGRAPHY			ELECTRIC						
PROFILE			CABLE TV						
SANITARY SEWER			TRAFFIC SIGNAL						
STORM SEWER			DESIGN						
WATER			QUANTITIES						
GAS			MUN. FINAL CHECK						
PLAN CHECK					REVISIONS				

RECORD DRAWING

Note: To be filled out on original drawings upon project completion.

1. DATA PROVIDED BY: XXXXX
This will serve to certify that these Record Drawings are a true and accurate representation of the project as constructed.
CONTRACTOR: XXXXX
BY: _____ TITLE: XXXXX
DATE: 00/00/00
2. DATA TRANSFERRED BY: XXXXX
COMPANY: XXXXX
DATE: 00/00/00
3. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed.
DATA TRANSFER CHECKED BY: XXXXX
COMPANY: XXXXX
BY: _____ TITLE: XXXXX
DATE: 00/00/00

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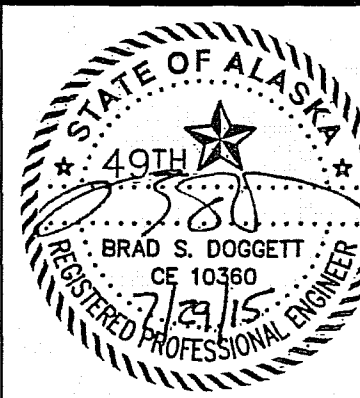
COMPANY NAME

DOWL

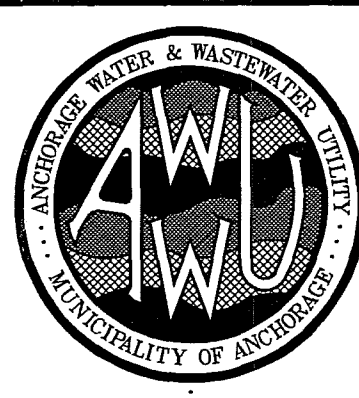
ADDRESS
4041 B STREET
ANCHORAGE, AK 99503

PHONE
907-562-2000

CONSULTANT



SEAL



OWNER

MUNICIPALITY OF ANCHORAGE WATER & WASTE WATER UTILITY

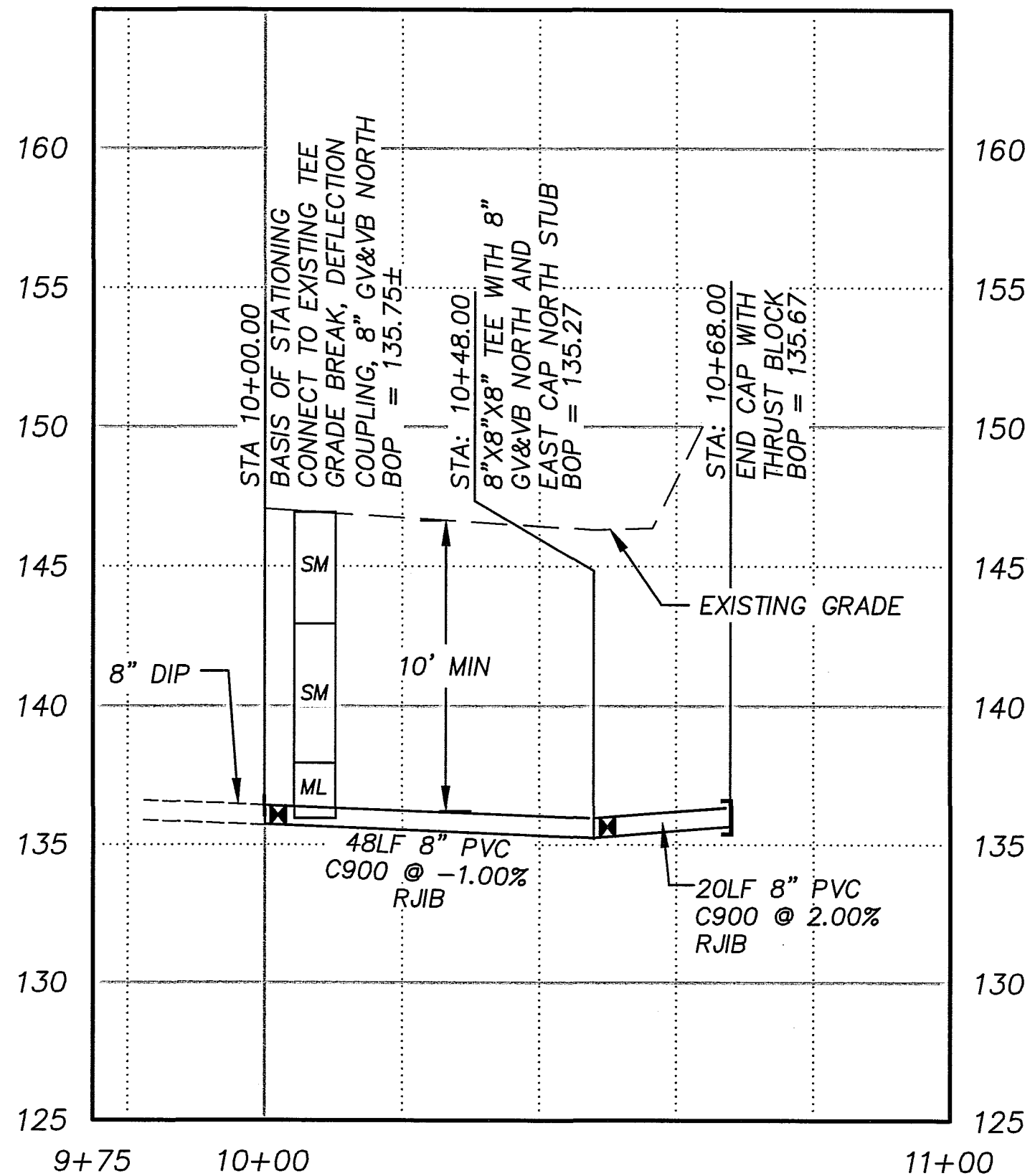
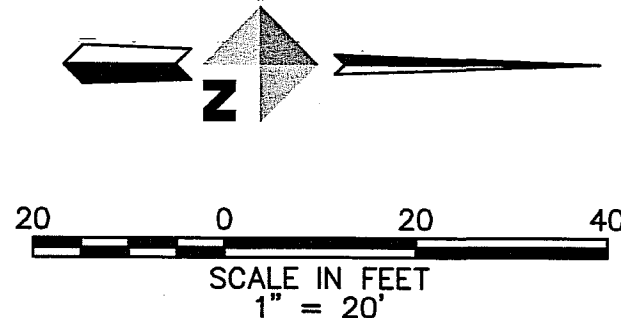
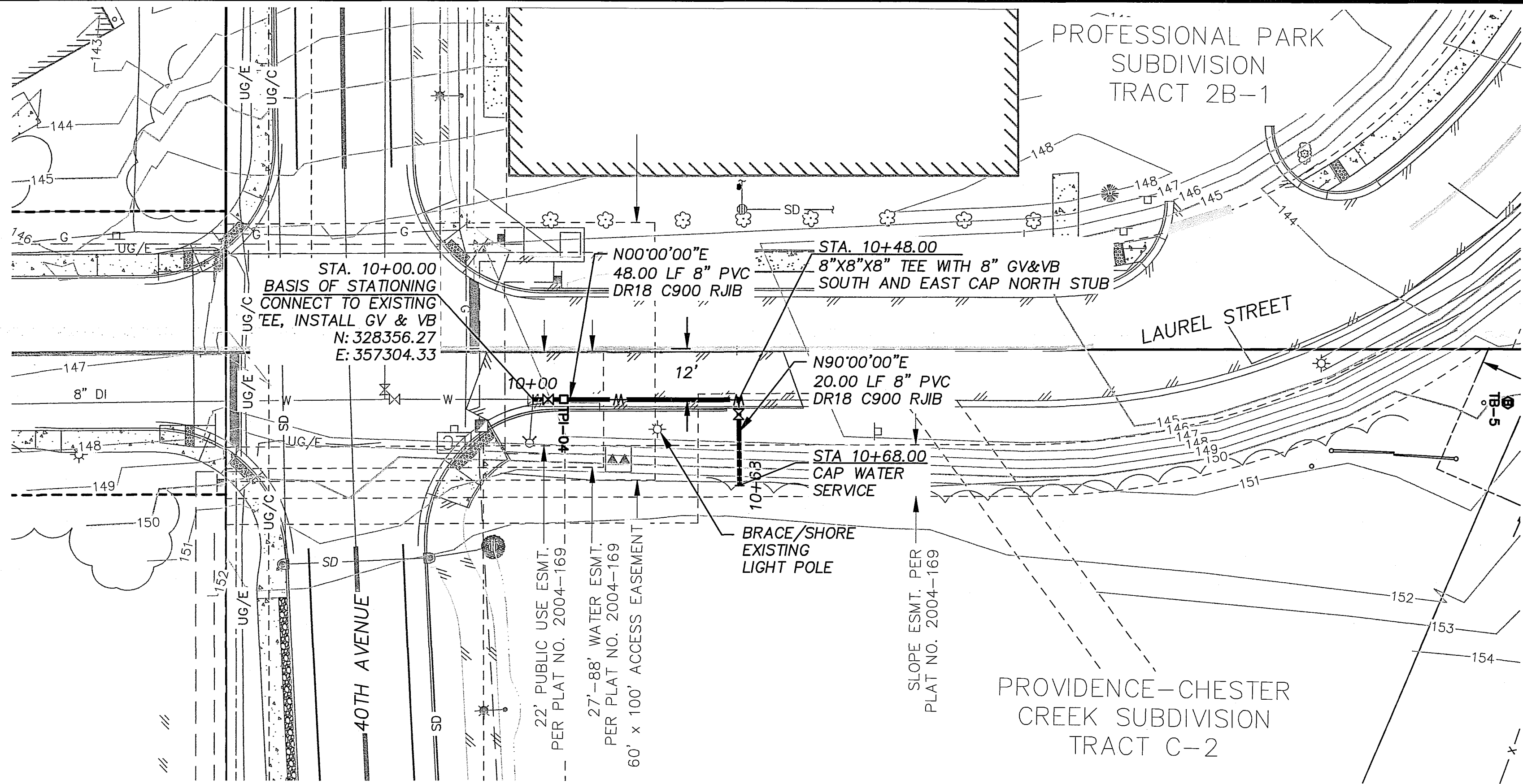
PROVIDENCE - CHESTER CREEK SUBDIVISION TRACT C-2

DEMOLITION PLAN

HORZ SCALE: 1"=30' DATE: JULY 2015 GRID: SW1734

VERT SCALE: AWWU PRIVATE DEVELOPMENT #: WS15-008

SHEET 4 of 6



NOTES:

1. AFTER FLUSHING, TESTING, AND DISINFECTION DRAIN SERVICE AND MAIN TO NEW GV&VB JUST NORTH OF THE HYDRANT.

BASED UPON AWWU'S INTERPRETATION OF THE DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL IS TO ENSURE THAT THE PLANS WERE DESIGNED TO AWWU'S STANDARDS AND THE SIGNER IS NOT LIABLE FOR ANY ERRORS OR OMISSIONS.

APPROVED FOR CONSTRUCTION

By Anchorage Water and Wastewater Utility

Date 9/17/15

Signature

VERIFY SCALE

THIS BAR REPRESENTS ONE INCH ON ORIGINAL DRAWING.

0" 1"

IF BAR IS NOT ONE INCH, ADJUST DRAWING SCALE ACCORDINGLY.

FULL SIZE SCALE
HORZ SCALE: 1"=20'
VERT SCALE: 1"=5'

DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY
BASE	----	----	TELEPHONE	----	----				
TOPOGRAPHY	----	----	ELECTRIC	----	----				
PROFILE	----	----	CABLE TV	----	----				
SANITARY SEWER	----	----	TRAFFIC SIGNAL	----	----				
STORM SEWER	----	----	DESIGN	----	----				
WATER	----	----	QUANTITIES	----	----				
GAS	----	----	MUN. FINAL CHECK	----	----				
PLAN CHECK					REVISIONS				

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COMPANY: XXXXX
BY: _____ TITLE: XXXXX
DATE: 00/00/00

REUSE OF DOCUMENTS

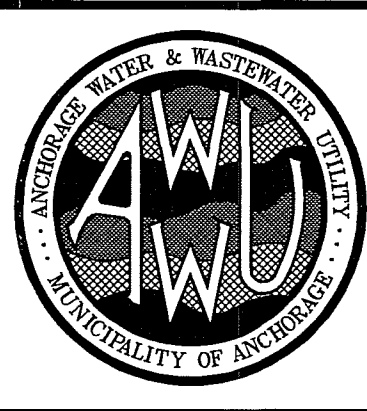
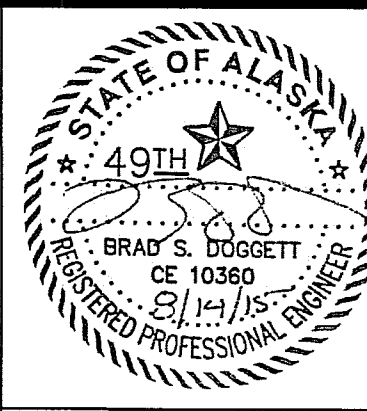
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COMPANY NAME
DOWL

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4041 B STREET
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PHONE
907-562-2000

CONSULTANT



MUNICIPALITY OF ANCHORAGE WATER & WASTE WATER UTILITY

PROVIDENCE - CHESTER CREEK SUBDIVISION TRACT C-2

WATER PLAN AND PROFILE

HORZ SCALE: 1"=20'

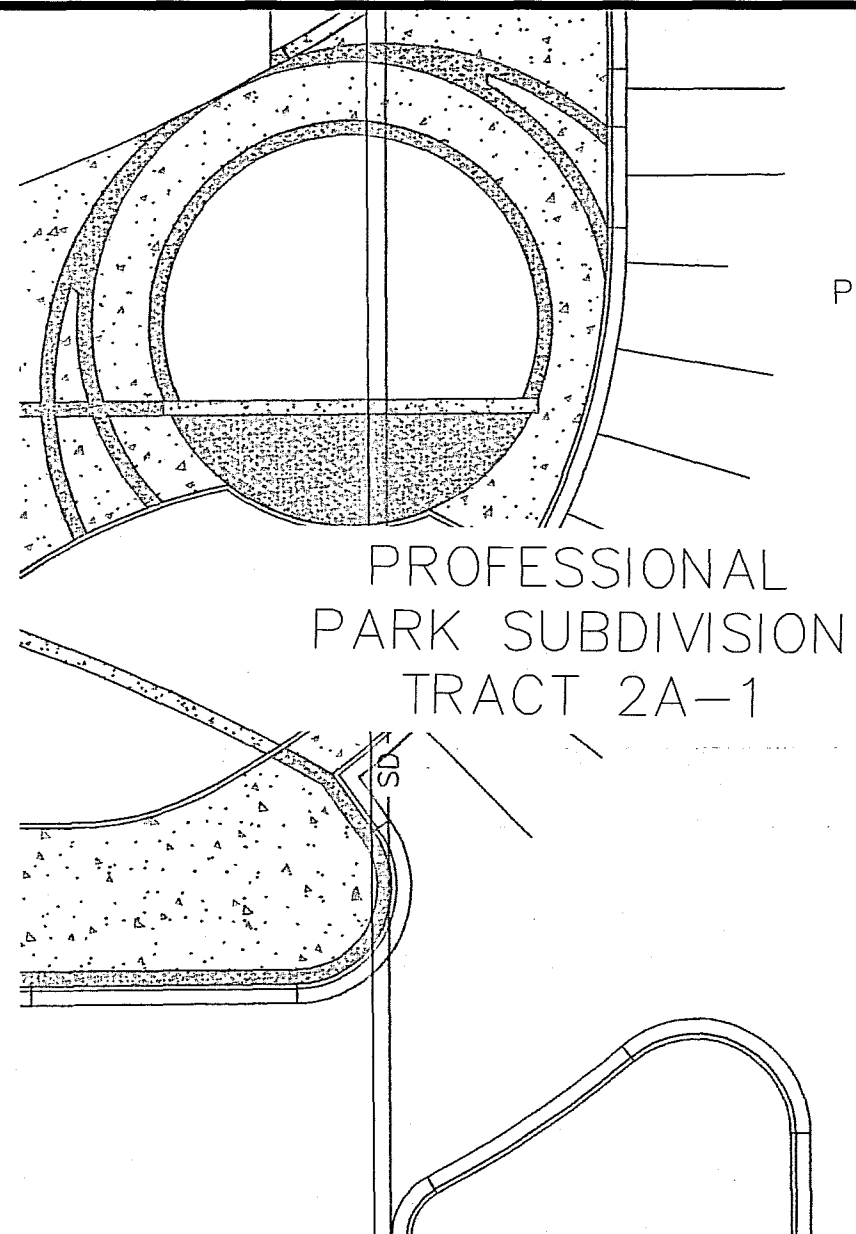
VERT SCALE: 1"=5'

DATE: JULY 2015

GRID: SW1734

AWWU PRIVATE DEVELOPMENT #: WS15-008

SHEET 5 of 6

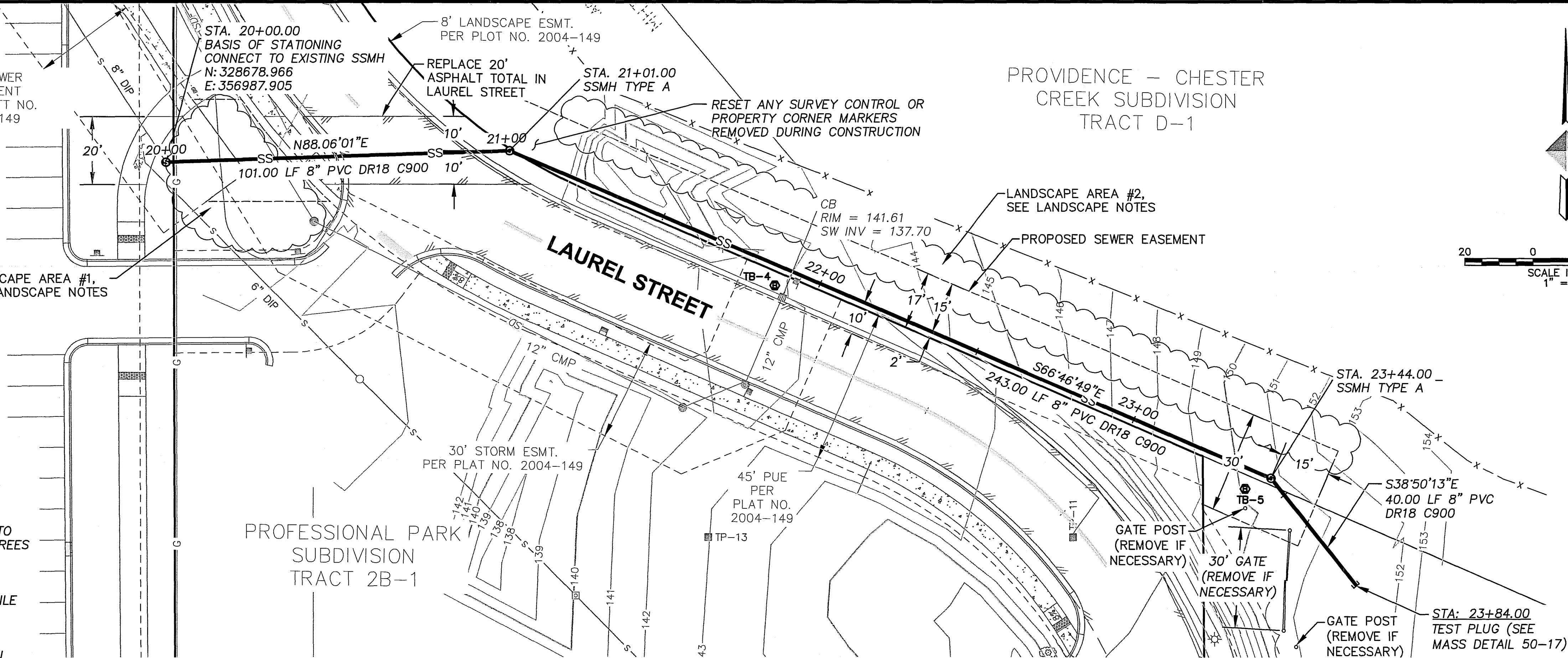
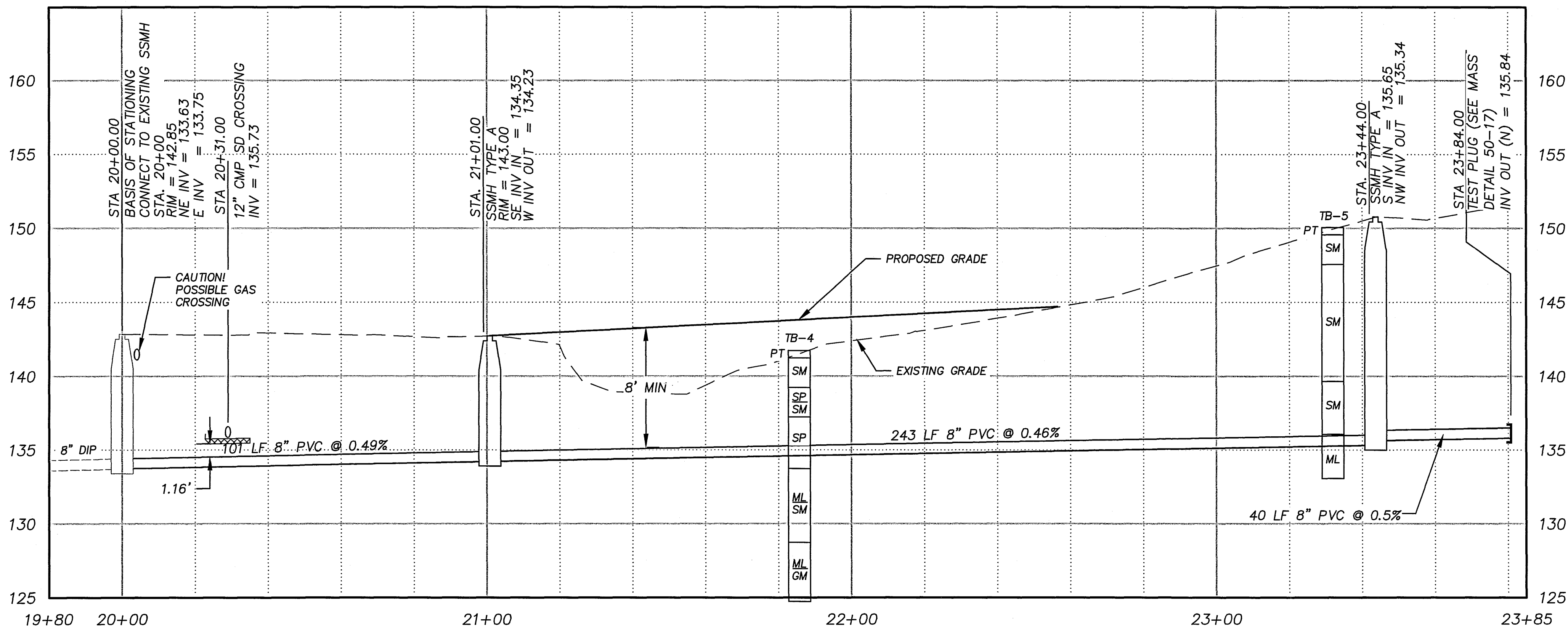
PROFESSIONAL
PARK SUBDIVISION
TRACT 2A-130' SEWER
EASEMENT
PER PLATT NO.
2004-149LANDSCAPE AREA #1,
SEE LANDSCAPE NOTES

LANDSCAPE NOTES:

- CLEAR ALL TREES SHRUBS WITHIN 10 FEET OF THE NEW SEWER PIPE.
- IN LANDSCAPE AREA #2, MINIMIZE TRENCH WIDTH TO THE EXTENT PRACTICAL TO PRESERVE ROOTS OF TREES OUTSIDE THE 10 FOOT CLEAR ZONE. GRIND THE STUMPS TO THE FINISH GRADE IF THE STUMP IS LOCATED WITHIN THE 10 FOOT CLEAR AREA BUT OUTSIDE THE TRENCH EXCAVATION. DO NO STOCKPILE OR STAGE ANY MATERIALS OR EQUIPMENT ON THE MCLAUGHLIN YOUTH CENTER SIDE OF TRENCH.
- MAINTAIN EXISTING CLEARING BETWEEN MCLAUGHLIN SECURITY FENCE AND EXISTING VEGETATION.
- ESTIMATED LANDSCAPE REQUIREMENTS:

AREA #1 1 PRUNUS VIRGINIANA, 2-INCH CALIPER
10 ROSA RUGOSA, 24 INCH
TOPSOIL AND SOD AS REQUIRED TO REPAIR
DAMAGED TURF AREA.

AREA #2 30 BIRCH TREES (1-1/2 CALIPER)
25 WHITE SPRUCE (48-INCH MINIMUM)
- CONTRACTOR SHALL PROVIDE A ONE-YEAR MAINTENANCE AGREEMENT FOR ESTABLISHMENT OF NEW PLANT MATERIAL. AGREEMENT SHALL INCLUDE WEEKLY WATERING FROM THE DATE OF PLANTING THROUGH THE SAME DATE OF THE FOLLOWING YEAR. WINTER SHUT-DOWN FOR WATERING SHALL OCCUR FROM OCTOBER 15 THROUGH MAY 15 OF THE FOLLOWING YEAR. WATERING SHALL CONSIST OF DEEP WATERING EACH PLANT, SUCH THAT WATER PENETRATES WELL INTO EACH ROOTBALL. WATERING MAY BE SUSPENDED FOR WEEKS IN WHICH TOTAL RAINFALL IS GREATER THAN 1/2-INCH. AT THE END OF THE ONE YEAR MAINTENANCE AGREEMENT, NEW LANDSCAPE MATERIALS WILL BE INSPECTED FOR HEALTH. PLANT MATERIALS THAT ARE DEAD OR SHOWING SERIOUS SIGNS OF STRESS, TO INCLUDE BROWN PATCHES ON THE WHITE SPRUCE OR LOSS OF LEAVES ON BIRCH TREES SHALL BE REPLACED WITH NEW MATERIALS OF THE SAME CALIPER OR HEIGHT.
- DO NOT PLANT TREES WITHIN 10 FEET OF THE NEW SEWER PIPE.
- PROVIDE PLANTING PLAN FOR REVIEW AND APPROVAL TO ENGINEER PRIOR TO PLANTING.
- CONTRACTOR MAY COORDINATE STAGING OF MATERIALS AND EQUIPMENT ON TRACT C-2 WITH BRYAN YACKEL, PROJECT MANAGER, TRUST LAND OFFICE, 269-7927.

20 0 20 40
SCALE IN FEET
1" = 20'BASED UPON AWWU'S INTERPRETATION OF THE
DESIGN ENGINEER'S INTENT, THIS PLAN APPROVAL
IS TO ASSURE THAT THE PLANS WERE DESIGNED TO
AWWU'S STANDARDS AND THE SIGNEE IS NOT
LIABLE FOR ANY ERRORS OR OMISSIONS.

APPROVED FOR CONSTRUCTION
By Anchorage Water and Wastewater Utility
Date 9/17/16VERIFY
SCALETHIS BAR REPRESENTS
ONE INCH ON ORIGINAL
DRAWING.

0" 1"

IF BAR IS NOT ONE
INCH, ADJUST DRAWING
SCALE ACCORDINGLY.FULL SIZE SCALE
HORZ SCALE: 1"=20'
VERT SCALE: 1"=5'

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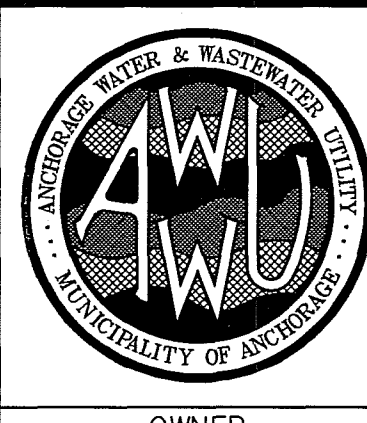
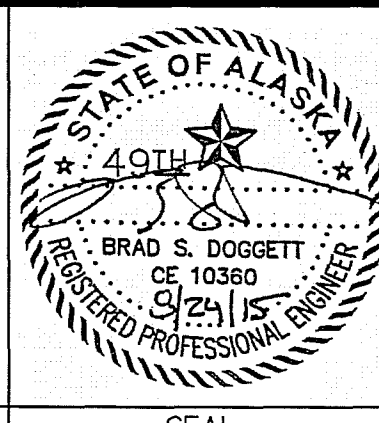
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PHONE
907-562-2000

CONSULTANTMUNICIPALITY OF ANCHORAGE WATER &
WASTE WATER UTILITY

PROVIDENCE - CHESTER CREEK SUBDIVISION TRACT C-2

SANITARY SEWER PLAN AND PROFILE

HORZ SCALE: 1"=20'
VERT SCALE: 1"=5'
DATE: JULY 2015
GRID: SW1734
AWWU PRIVATE DEVELOPMENT #: WS15-008

SHEET 6 of 6