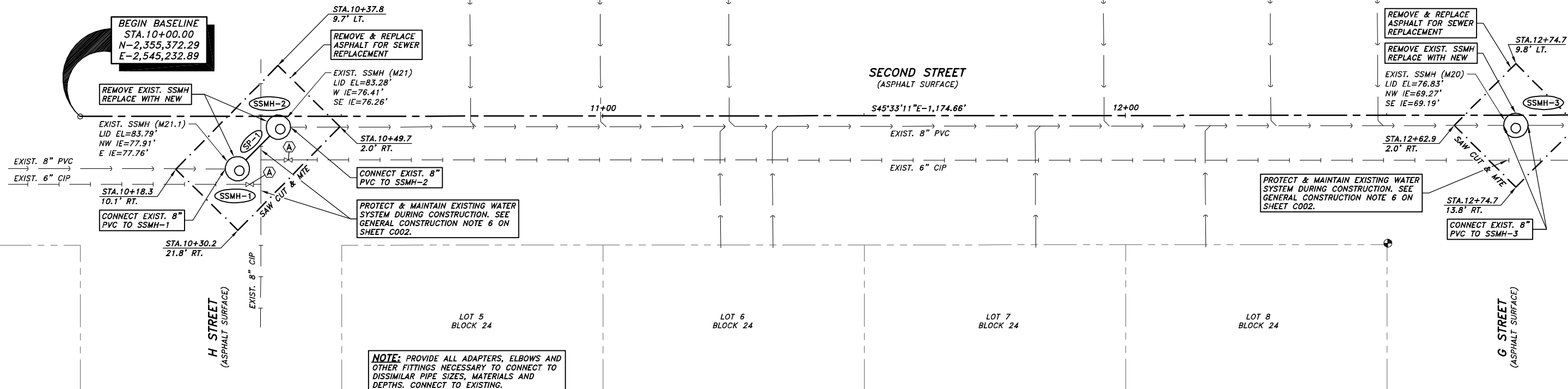
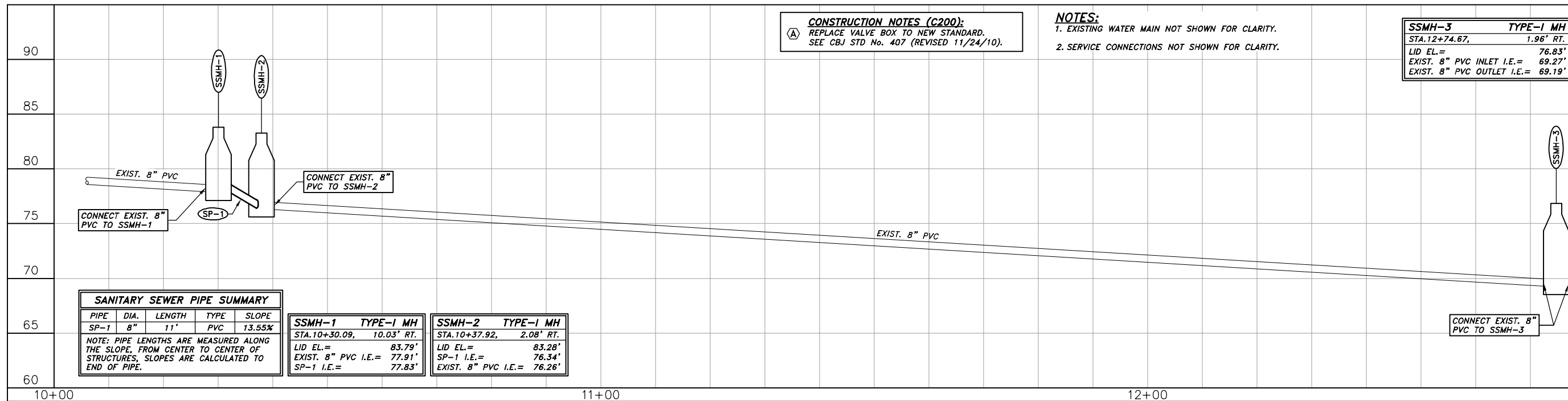


DIAL BEFORE YOU DIG!
586-1333

U/G POWER, TELEPHONE & T.V.
SHOWN ON THIS DRAWING INDICATE
EXISTENCE ONLY AND DO NOT
SUBSTITUTE FOR FIELD LOCATES



MATCH LINE STA.12+85, SHEET C201

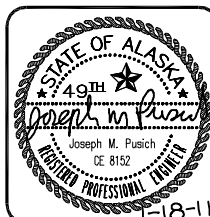
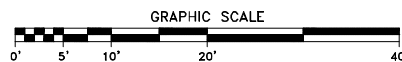


MATCH LINE STA.12+85, SHEET C201

DESIGN JMP/KAP
DRAWN KAP
CHECK JMP
APPROVED JMP
FILE:

No.	DATE	REVISION	BY	APRVD.

PLAN & PROFILE
SECOND STREET
STA.10+00 to STA.12+85



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rmengineering@rmjuneau.com

**SECOND STREET
DOUGLAS RECONSTRUCTION**
CBJ CONTRACT No. E11-152
CITY & BOROUGH OF JUNEAU, ALASKA

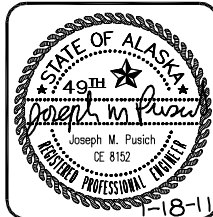
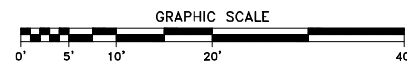
DATE: JAN. 18, 2011
R & M NO. 101375
SHEET C200

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APPROVED	JMP
FILE:	

No.	DATE	REVISION	BY	APRVD.

PLAN & PROFILE
SECOND STREET
STA.12+85 to STA.15+75



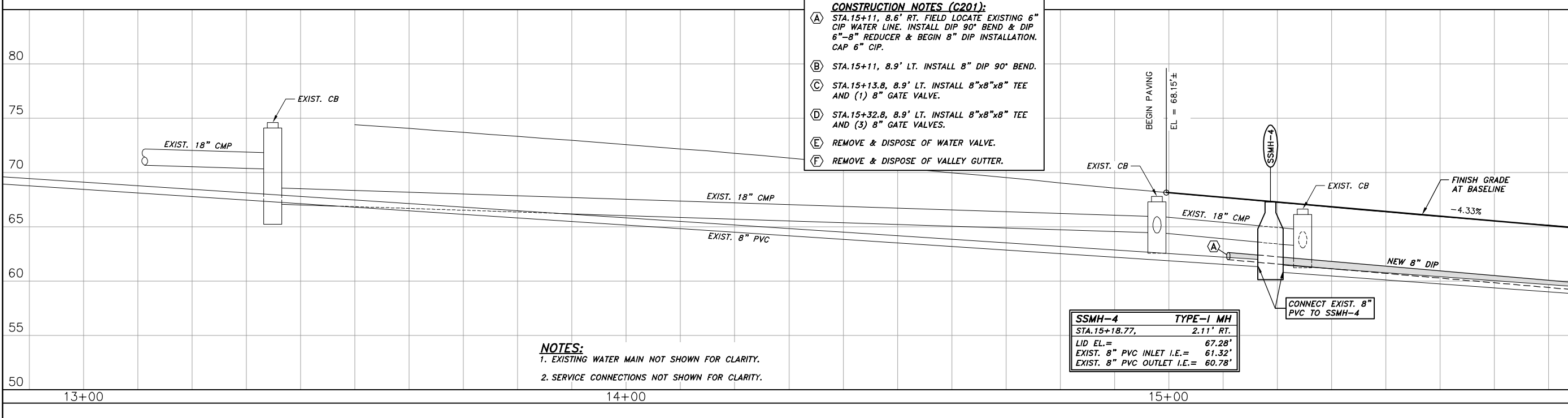
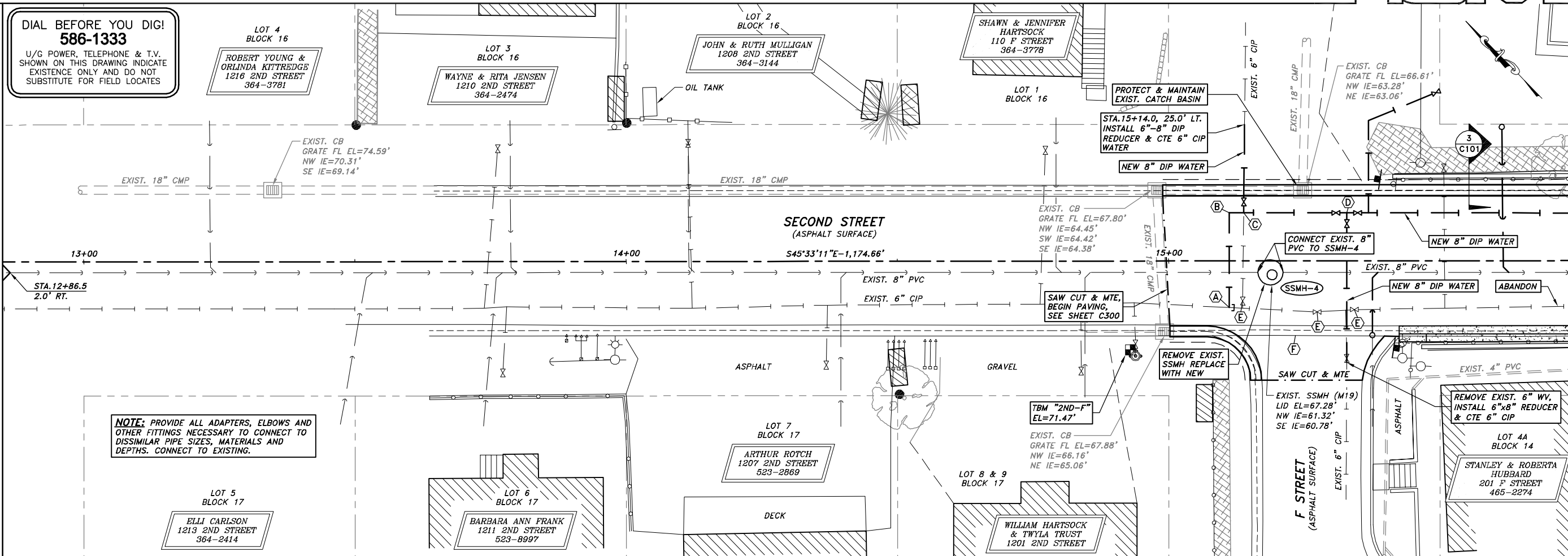
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DATE:	JAN. 18, 2011
R & M NO.	101375
SHEET	C201

MATCH LINE STA.12+85, SHEET C200

MATCH LINE STA.15+75, SHEET C202

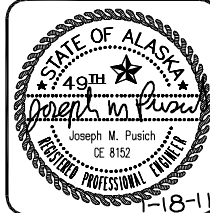
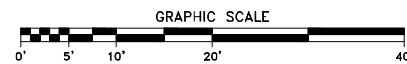


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DRAWN KAP
CHECK JMP
APPROVED JMP
FILE:

No. DATE REVISION BY APRVD.

PLAN & PROFILE
SECOND STREET
STA.15+75 to STA.18+80



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DATE: JAN. 18, 2011
R & M NO. 101375

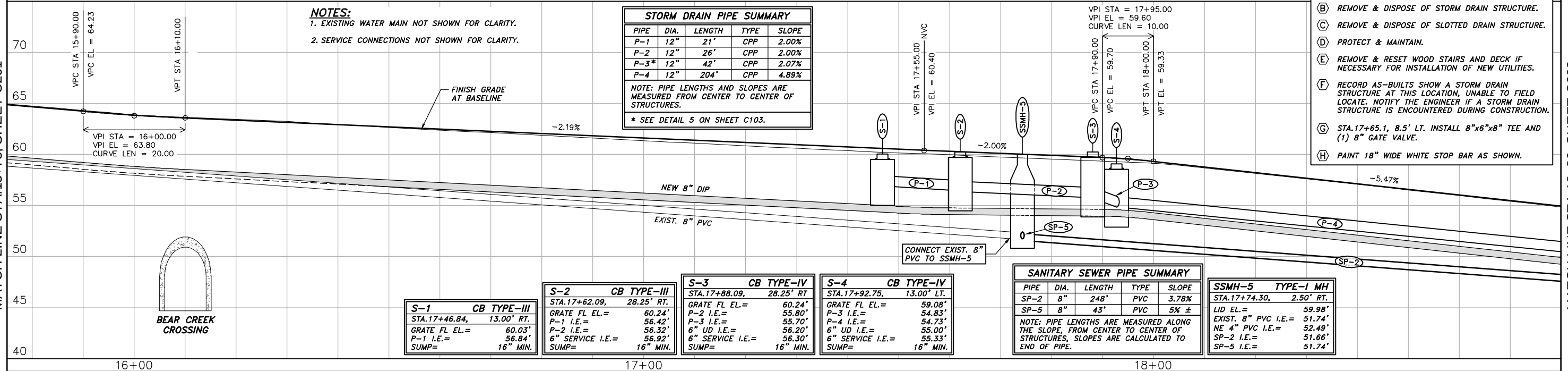
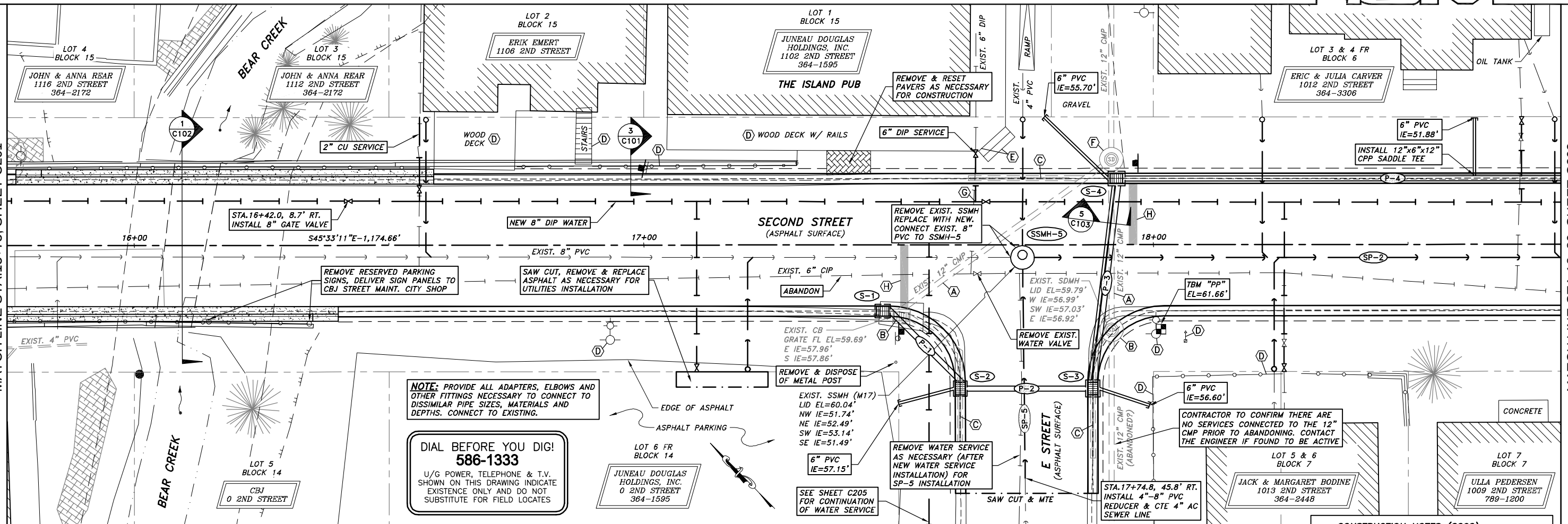
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MATCH LINE STA.15+75, SHEET C201

MATCH LINE STA.15+75, SHEET C201

MATCH LINE STA.18+80, SHEET C203

MATCH LINE STA.18+80, SHEET C203

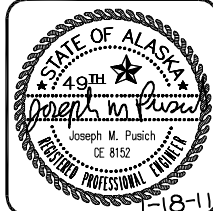
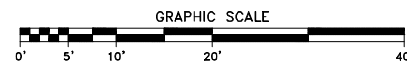


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PLAN & PROFILE
SECOND STREET
STA.18+80 to STA.21+74



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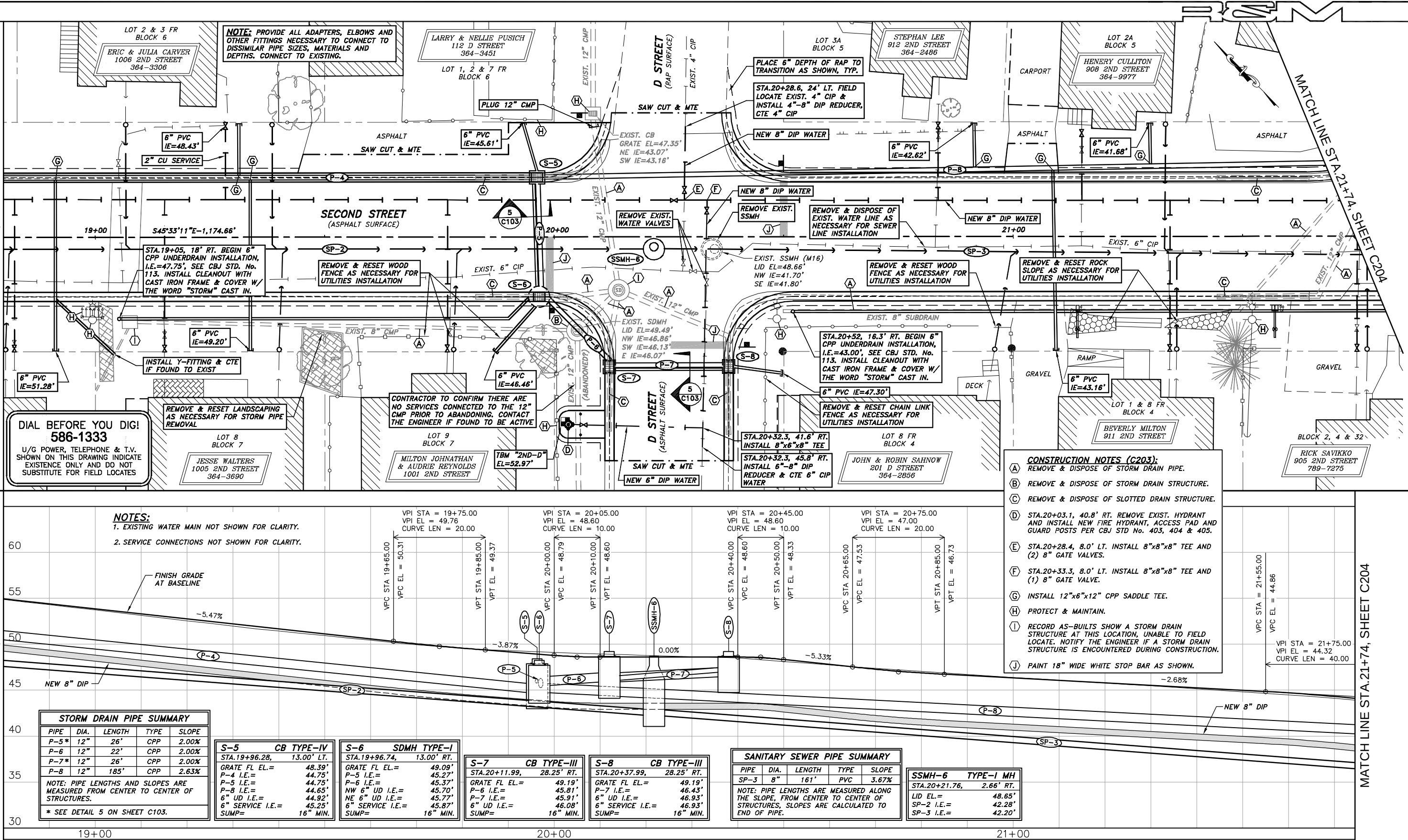
**SECOND STREET
DOUGLAS RECONSTRUCTION**
CBJ CONTRACT No. E11-152
CITY & BOROUGH OF JUNEAU, ALASKA

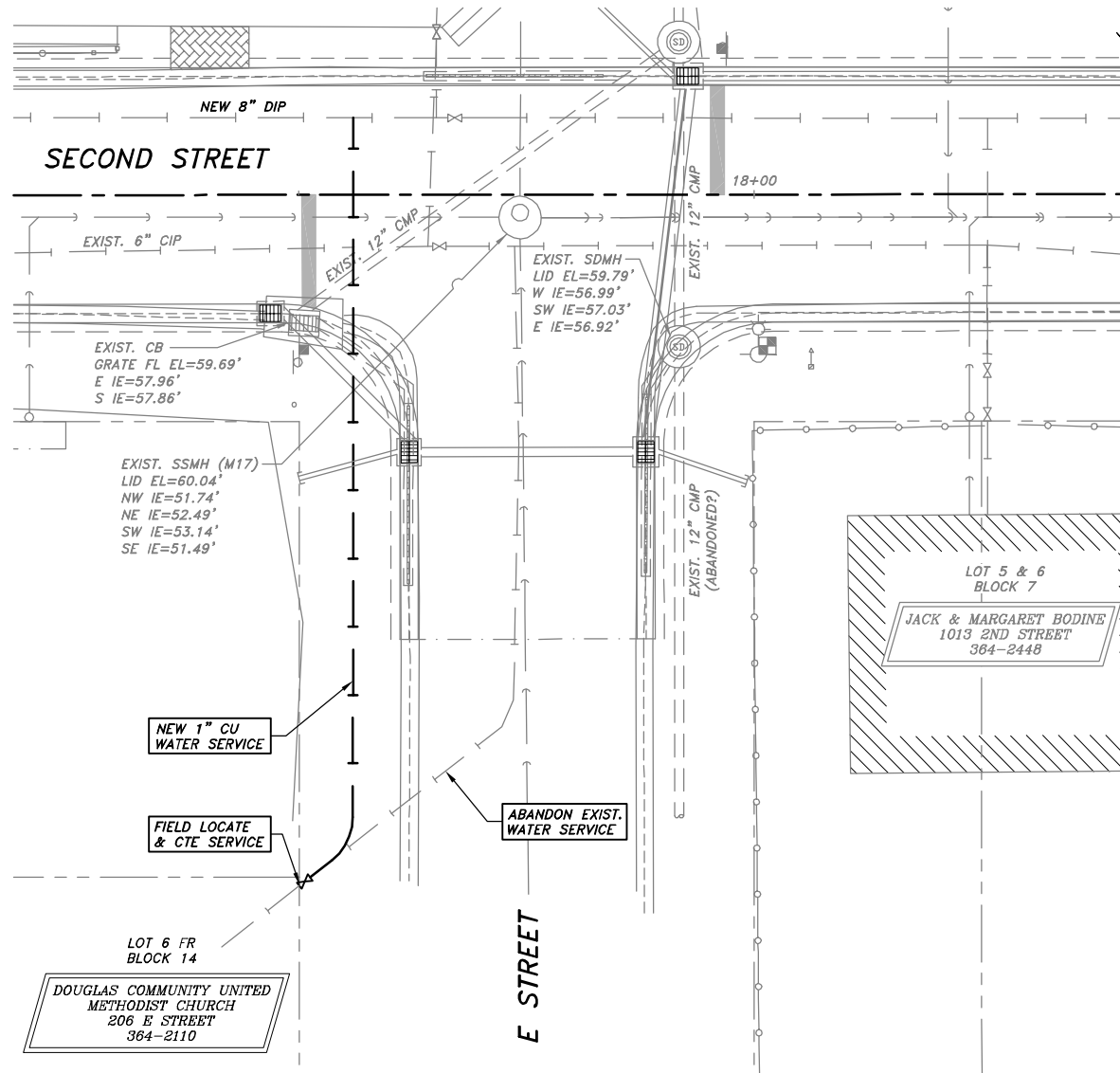
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R & M NO. 101375
SHEET C203

MATCH LINE STA.18+80, SHEET C202

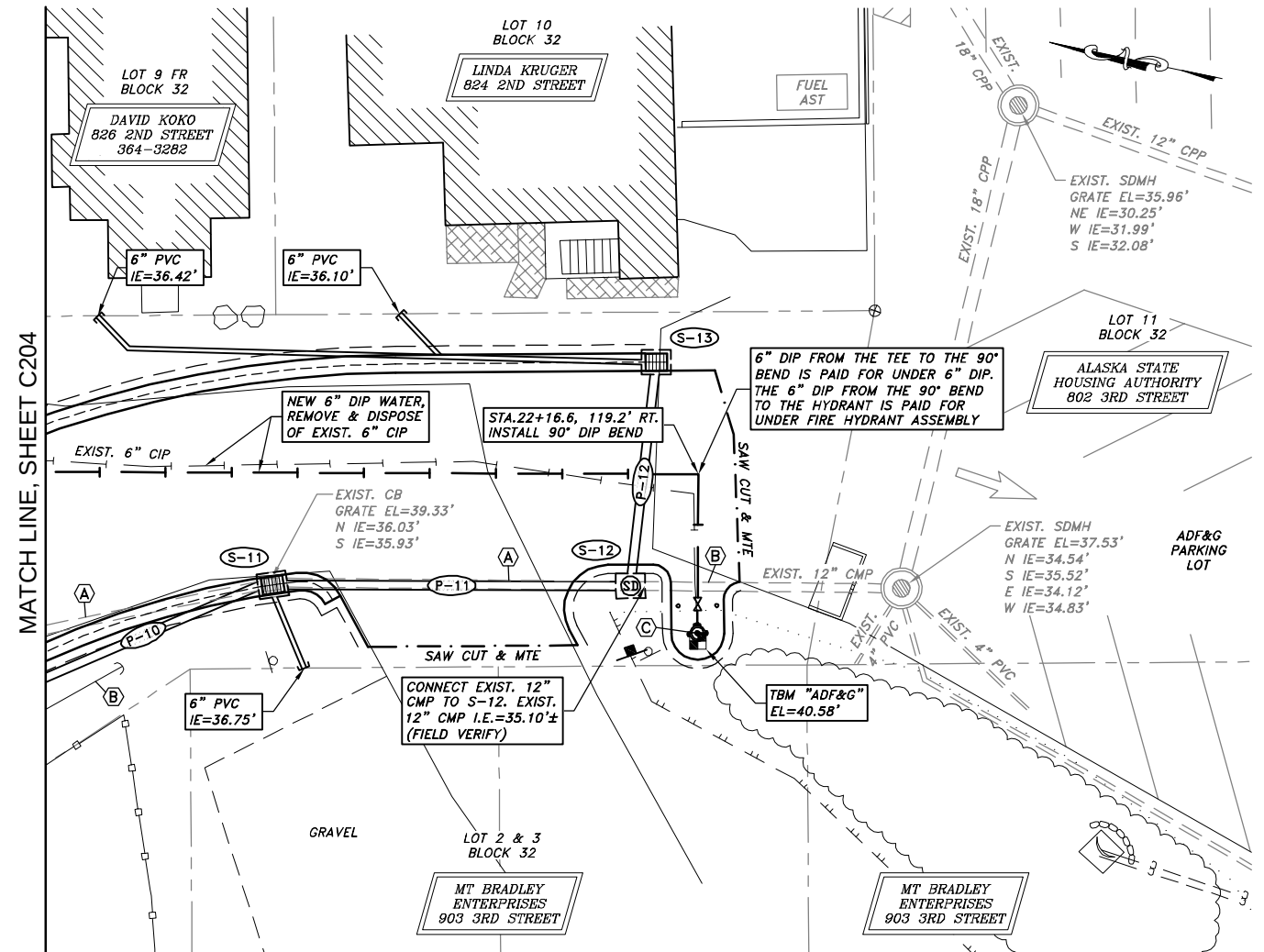
MATCH LINE STA.18+80, SHEET C202

MATCH LINE STA.21+74, SHEET C204





WATER SERVICE FOR 206 E STREET



- CONSTRUCTION NOTES (C205):**
- (A) REMOVE & DISPOSE OF STORM DRAIN PIPE.
 - (B) PROTECT & MAINTAIN.
 - (C) STA.21+98.5, 119.2' RT. REMOVE EXIST. HYDRANT AND INSTALL NEW FIRE HYDRANT, ACCESS PAD AND GUARD POSTS PER CBJ STD No. 403, 404 & 405.

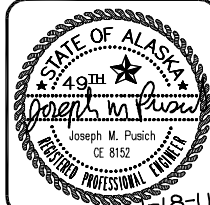
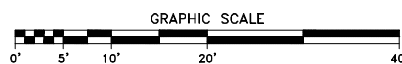
NOTE: PROVIDE ALL ADAPTERS, ELBOWS AND OTHER FITTINGS NECESSARY TO CONNECT TO DISSIMILAR PIPE SIZES, MATERIALS AND DEPTHS. CONNECT TO EXISTING.

S-11	CB TYPE-III	S-12	CB TYPE-III	S-13	CB TYPE-III
STA.22+04.00,	70.93' RT.	STA.22+03.89,	111.55' RT.	STA.22+29.31,	114.47' RT.
GRATE FL EL.=	39.56'	LID EL.=	39.20'	GRATE FL EL.=	37.75'
P-10 I.E.=	36.03'	P-11 I.E.=	35.20'	P-11 I.E.=	35.46'
P-11 I.E.=	35.93'	P-12 I.E.=	35.20'	P-12 I.E.=	35.79'
6" SERVICE I.E.=	36.53'	EXIST. 12" CMP I.E.=	35.10'	SUMP=	16" MIN.
SUMP=	16" MIN.	SUMP=	16" MIN.		

STORM DRAIN PIPE SUMMARY				
PIPE	DIA.	LENGTH	TYPE	SLOPE
P-11	12"	41'	CPP	1.78%
P-12	12"	26'	CPP	1.00%

NOTE: PIPE LENGTHS AND SLOPES ARE MEASURED FROM CENTER TO CENTER OF STRUCTURES.

PLAN VIEW
ADF&G INTERSECTION



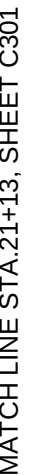
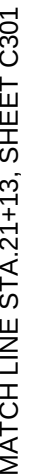
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**SECOND STREET
DOUGLAS RECONSTRUCTION**
CBJ CONTRACT No. E11-152
CITY & BOROUGH OF JUNEAU, ALASKA

DATE: JAN. 18, 2011
R & M NO. 101375
SHEET C205

DESIGN JMP/KAP
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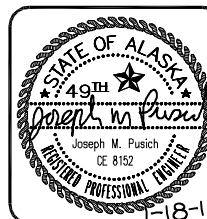
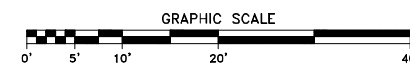
NOTES:

1. SEE TYPICAL SECTIONS FOR OTHER GRADING INFORMATION.
2. SEE PROFILES FOR VERTICAL CURVE INFORMATION.
3. STATIONS, OFFSETS, ELEVATIONS AND CURVE INFORMATION ARE GIVEN ALONG THE FRONT FACE OF VALLEY GUTTER, UNLESS OTHERWISE NOTED.

DESIGN JMP/KAP
DRAWN KAP
CHECK JMP
APPROVED JMP
FILE:

No.	DATE	REVISION	BY	APPRD.
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VALLEY GUTTER LAYOUT PLAN
STA.15+05 to STA.21+13



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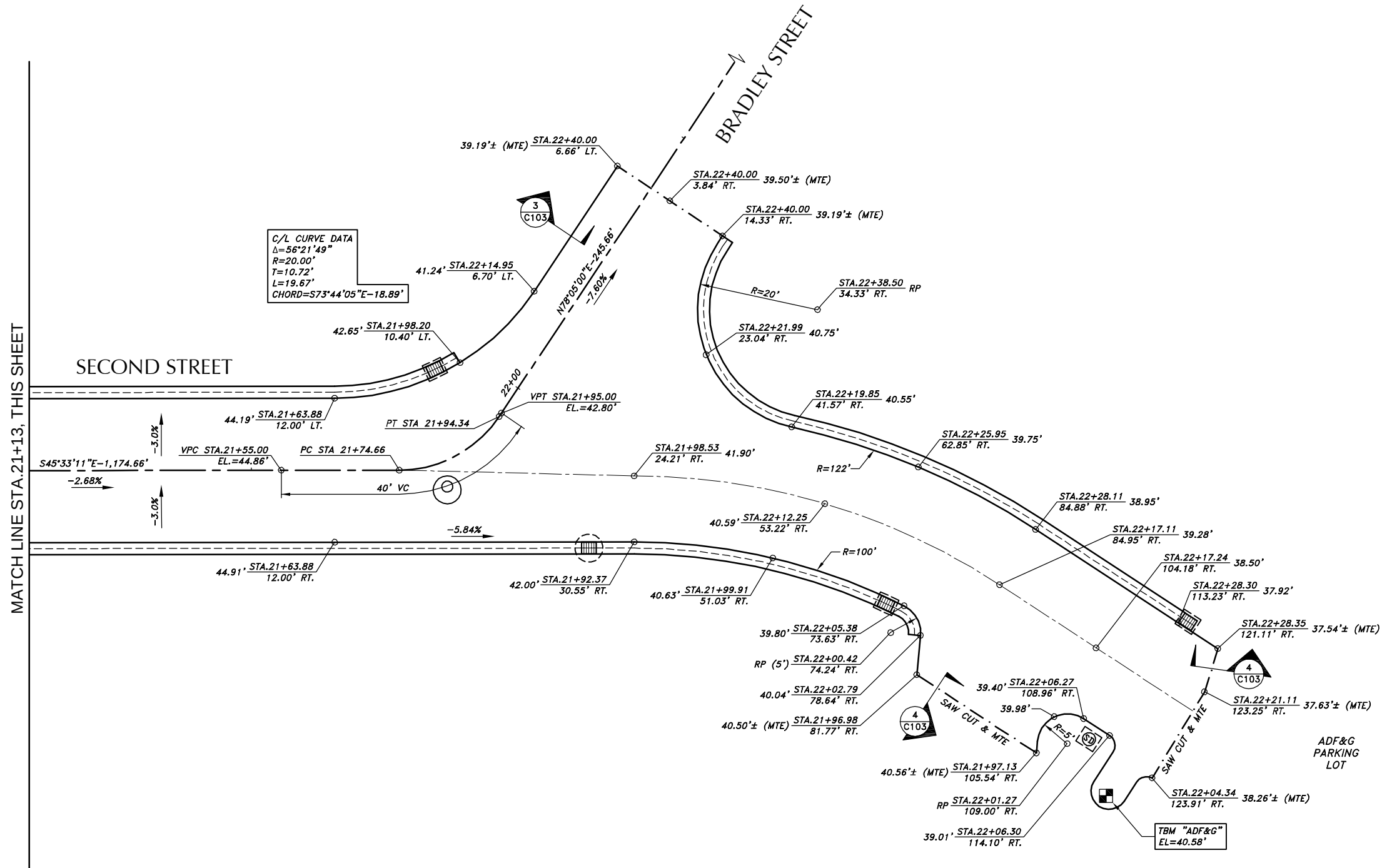
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**SECOND STREET
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CBJ CONTRACT No. E11-152
CITY & BOROUGH OF JUNEAU, ALASKA

DATE: JAN. 18, 2011
R & M NO. 101375

SHEET **C300**

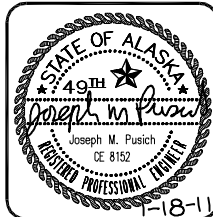
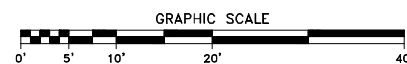


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APPROVED	JMP
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No.	DATE	REVISION	BY	APRVD.

VALLEY GUTTER LAYOUT PLAN STA.21+13 to STA.22+40



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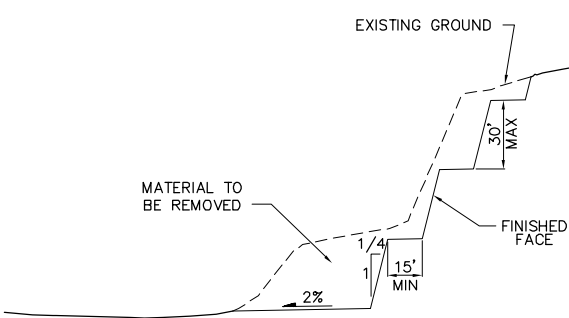
**SECOND STREET
 DOUGLAS RECONSTRUCTION**
 CBJ CONTRACT No. E11-152
 CITY & BOROUGH OF JUNEAU, ALASKA

DATE:	JAN. 18, 2011
R & M NO.	101375
SHEET	C301

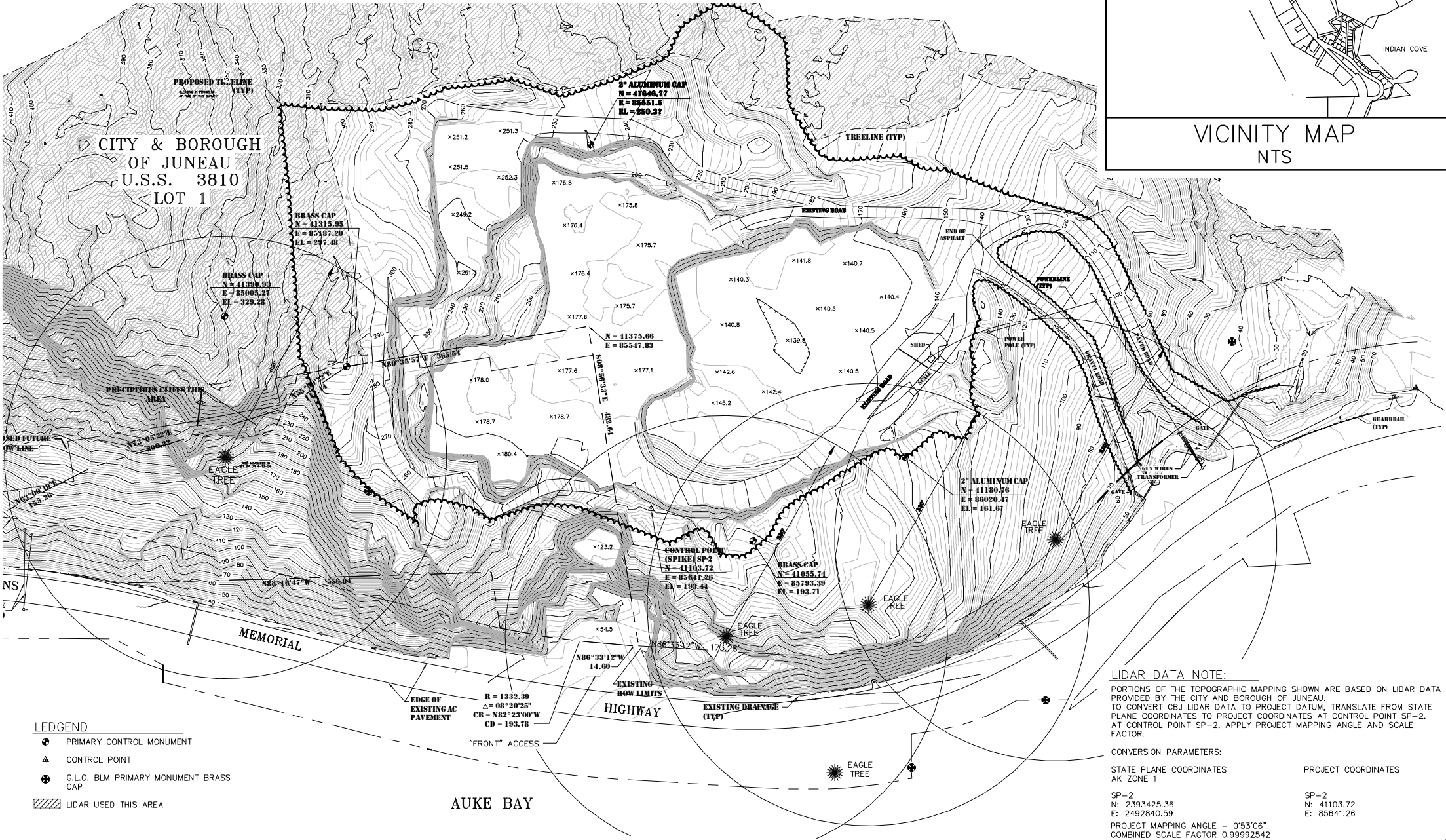
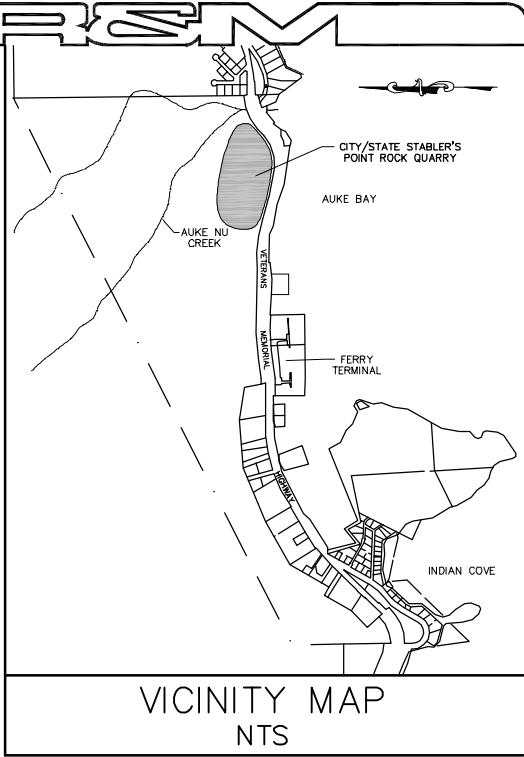
GENERAL NOTES

- 1) ALL INDIVIDUAL MINING PLANS SHALL BE APPROVED, IN WRITING, BY THE OWNER PRIOR TO CLEARING OR EXCAVATION.
- 2) ALL OVERBURDEN SHALL BE REMOVED TO A MINIMUM DISTANCE OF 15' FROM THE FINISHED WORKING FACE.
- 3) THE CUTBANK OF THE OVERBURDEN SHALL BE SLOPED TO THE NATURAL ANGLE OF REPOSE, BUT SHALL BE NO STEEPER THAN 1 TO 1.
- 4) ALL DEAD TREES AND SNAGS WHICH ARE SUFFICIENTLY TALL TO REACH THE WORK AREA SHALL BE FELLED.
- 5) ALL OVERBURDEN, CLEARING, MERCHANTABLE TIMBER AND GRUBBING DEBRIS SHALL BE DISPOSED OF OFF SITE, OR AS DIRECTED BY THE ENGINEER.
- 6) THE QUARRY SHALL BE LEFT IN A NEAR, ORDERLY AND WELL DRAINED CONDITION. ALL OVERHANGS AND LOOSE ROCK SHALL BE REMOVED.
- 7) AFTER EXCAVATION IS COMPLETE, THE AREA SHALL BE CLEANED UP AND LEFT AS SHOWN ON THE QUARRY USAGE PLAN.
- 8) ALL MATERIALS LEAVING THE QUARRY LIMITS SHALL BE CONTAINED WITHIN THE HAULING VEHICLE.
- 9) ALL DEBRIS AND OTHER BY-PRODUCTS OF TOPSOIL SCREENING OPERATIONS SHALL BE DISPOSED OF OFF SITE, OR AS APPROVED BY THE CITY.
- 10) APPROXIMATE LIMITS OF DEVELOPMENT SPECIFIC TO THIS PROJECT WILL BE FIELD STAKED BY THE CITY.
- 11) THE MATERIALS WITHIN THE QUARRY THAT ARE MADE AVAILABLE TO THE CONTRACTOR FOR THIS PROJECT, MAY NOT MEET THE MATERIAL SPECIFICATIONS FOR THIS PROJECT WITHOUT PROCESSING EFFORTS BY THE CONTRACTOR. THESE EFFORTS MAY INCLUDE, BUT ARE NOT LIMITED TO, SCREENING AND SORTING AND PRIMARY CRUSHING.
- 12) MATERIAL STOCKPILED OFF-SITE MUST HAVE PRIOR APPROVAL OF THE PROJECT MANAGER.
- 13) ALL THE REQUIREMENTS AND CONDITIONS OF CONDITIONAL USE PERMIT NUMBER USE2001-00022 AND VAR2001-00017, SHALL BE MET. IN PARTICULAR, NOT THE CONDITIONS WITH REGARD TO THE EAGLE TREES, BLASTING, NOISE MANAGEMENT PLAN AND TRAFFIC CONTROL.
- 14) THE CONTRACTOR SHALL COORDINATE EXTRACTION ACTIVITY WITH OTHER CONTRACTORS WHO MAY BE USING THE SITE PER CONDITIONAL USE PERMIT NUMBER USE2001-00022 AND VAR2001-00017.
- 15) COMPRESSION BRAKES SHALL BE USED ONLY AS NECESSARY FOR SAFETY AND SHALL MEET THE REQUIREMENTS OF THE NOISE MANAGEMENT PLAN.
- 16) ALL QUARRY OPERATIONS SHALL BE RESTRICTED TO THE FOLLOWING TIME PERIODS: MONDAY THROUGH FRIDAY FROM 8:00 AM - 4:30 PM. BLASTING IS RESTRICTED TO 10:00 AM - 12:00 PM AND 1:00 PM - 3:00 PM, MONDAY THROUGH FRIDAY.
- 17) MARCH 1 THROUGH MAY 31 IS AN EAGLE NESTING PERIOD. NO BLASTING WITHIN 330'. BLASTING IS ALLOWED AFTER MAY 31 WITH AN EAGLE MONITOR PRESENT. IF NEST IS NOT OCCUPIED, A MONITOR IS NOT REQUIRED. DRILLING IS ALLOWED OUTSIDE OF THE 330' ZONE.
- 18) AREA LAST SURVEYED JANUARY 2010.
- 19) THE CONTRACTOR SHALL SUBMIT A \$10,000 CASH BOND FOR ROCK OR TOPSOIL PROCESSING WITHIN THE QUARRY PROJECT MINING AREA.
- 20) ACCESS TO OTHER MINING AREAS MUST BE MAINTAINED THROUGH THE EXCAVATION MINING AREA.
- 21) ORGANIC OVERBURDEN FREE FROM LARGE WOODY DEBRIS MAY BE PLACED TO A DEPTH OF ONE FOOT ON THE FILL SLOPE OF THE LOWER ACCESS ROAD.

- E) RECLAMATION PLAN.
- F) A TRAFFIC CONTROL PLAN APPROVED BY ADOT/PF.
- G) ALL CONTRACTOR INDIVIDUAL MINING PLANS FOR REMOVAL OF MATERIAL FROM THE QUARRY SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER LICENSED TO PRACTICE IN THE STATE OF ALASKA.
- H) EACH TRUCK SHALL RECORD ITS LOAD WEIGHT ON A CBJ SCALE TICKET PRIOR TO LEAVING THE QUARRY.
- I) THE MANAGEMENT FEE FOR MATERIAL IS \$1.60/TON.
- J) ALL CONTRACTORS MUST BE IN GOOD STANDING WITH THE CITY AND BOROUGH OF JUNEAU.
- K) ALL MATERIAL FEES SHALL BE PAID PRIOR TO FINAL PAYMENT.
- L) IF THE CONTRACTOR ELECTS TO USE THIS MATERIAL SOURCE FOR THIS PROJECT, ESTIMATES OF QUANTITIES AND A MINING PLAN MUST BE SUBMITTED WITHIN TWO WEEKS OF NOTICE TO PROCEED.



SAMPLE SECTION A-A



INDIVIDUAL MINING PLAN

THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE OWNER PRIOR TO BEGINNING ANY OPERATIONS WITHIN THE QUARRY LIMITS.

OPERATIONS SHALL NOT PROCEED UNTIL THE CONTRACTOR'S INDIVIDUAL MINING PLAN HAS BEEN APPROVED BY THE CITY.

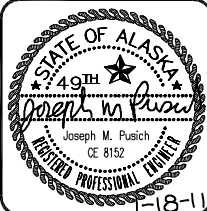
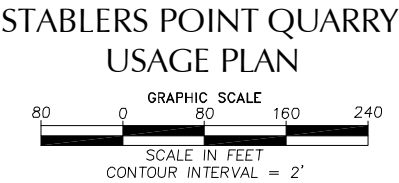
- A) MINING PLAN - INCLUDE PLANNED TOTAL EXCAVATION QUANTITY, PLANNED SECTION (SEE SAMPLE CROSS SECTION A-A), EXCAVATION LIMITS, CLEARING AND GRUBBING LIMITS.
- B) NOISE CONTROL PLAN AND EQUIPMENT SOUND CERTIFICATIONS.
- C) STRIPPING / OVERBURDEN DISPOSAL PLAN.
- D) DRAINAGE AND POLLUTION PLAN.

LIDAR DATA NOTE:
PORTIONS OF THE TOPOGRAPHIC MAPPING SHOWN ARE BASED ON LIDAR DATA PROVIDED BY THE CITY AND BOROUGH OF JUNEAU. TO CONVERT CBJ LIDAR DATA TO PROJECT DATUM, TRANSLATE FROM STATE PLANE COORDINATES TO PROJECT COORDINATES AT CONTROL POINT SP-2. AT CONTROL POINT SP-2, APPLY PROJECT MAPPING ANGLE AND SCALE FACTOR.

CONVERSION PARAMETERS:

STATE PLANE COORDINATES AK ZONE 1	PROJECT COORDINATES
SP-2 N: 2393425.36 E: 2492840.59	SP-2 N: 41103.72 E: 85641.26
PROJECT MAPPING ANGLE - 0°53'06" COMBINED SCALE FACTOR 0.99992542	

- LEDGEND**
- PRIMARY CONTROL MONUMENT
 - ▲ CONTROL POINT
 - ✱ G.L.O. BLM PRIMARY MONUMENT BRASS CAP
 - /// LIDAR USED THIS AREA



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SECOND STREET DOUGLAS RECONSTRUCTION
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DATE: JAN. 18, 2011
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SHEET C400