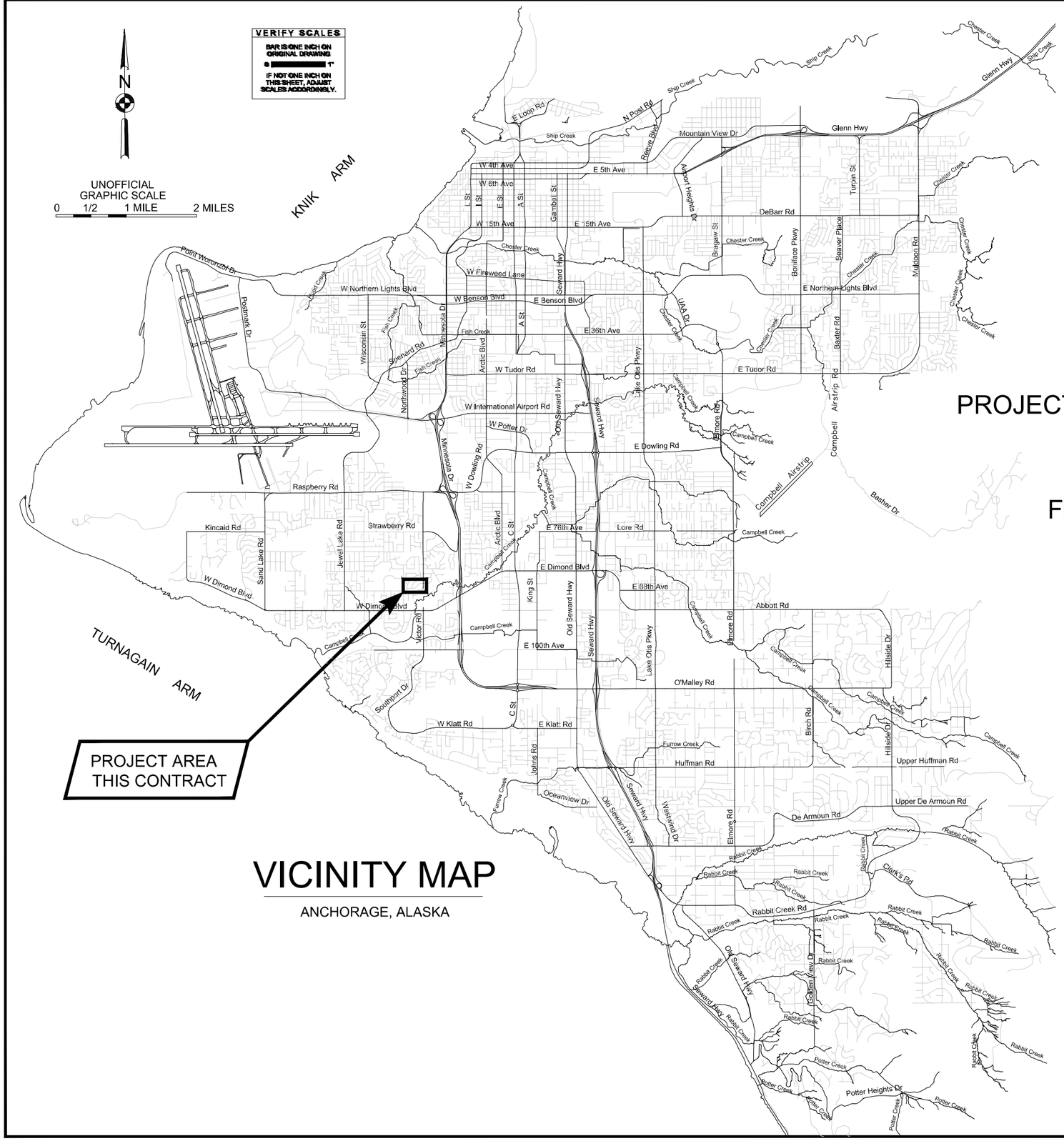

VICINITY MAP

ANCHORAGE, ALASKA

ANCHORAGE ALASKA

MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

TASHA DRIVE
FLAMINGO DRIVE TO NORTHWOOD STREET

PM&E PROJECT NUMBER 20-15
MARCH 2026
FINAL DESIGN

PREPARED BY:

CRW ENGINEERING GROUP
3940 ARCTIC BLVD, SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

APPROVED BY:

Melinda T Kohlhaas

MELINDA T. KOHLHAAS, P.E.
MUNICIPAL ENGINEER

SHEET INDEX

SHEET NO.	SHEET TITLE	SCHEDULE
GENERAL		
G1	COVER SHEET	ALL
G2	SHEET INDEX	ALL
G3	GENERAL NOTES	ALL
G4	LEGEND & ABBREVIATIONS	ALL
G5	KEY MAP	ALL
SURVEY		
V1	SURVEY CONTROL	ALL
V2	TEMPORARY EASEMENT AND PERMIT MAP	ALL
V3	TEMPORARY EASEMENT AND PERMIT MAP	ALL
V4	TEMPORARY EASEMENT AND PERMIT MAP	ALL
DEMOLITION		
B1	DEMOLITION PLAN	ALL
B2	DEMOLITION PLAN	ALL
B3	DEMOLITION PLAN	ALL
B4	DEMOLITION SUMMARY TABLES	ALL
B5	DEMOLITION SUMMARY TABLES	ALL
TYPICAL SECTIONS		
C1	TYPICAL SECTIONS	SCHED A
C2	TYPICAL SECTIONS	SCHED A
C3	TYPICAL SECTIONS	SCHED A
ROADWAY		
R1	ROADWAY PLAN & PROFILE	SCHED A&D
R2	ROADWAY PLAN & PROFILE	SCHED A&D
R3	ROADWAY PLAN & PROFILE	SCHED A
R4	ROADWAY PLAN & PROFILE	SCHED A&D
R5	INTERSECTION LAYOUT PLAN	SCHED A
R6	INTERSECTION LAYOUT PLAN	SCHED A
ROADWAY SUMMARY TABLES		
T1	ROADWAY SUMMARY TABLES	SCHED A
T2	ROADWAY SUMMARY TABLES	SCHED A&D
ROADWAY DETAILS		
D1	ROADWAY DETAILS	SCHED A
D2	ROADWAY DETAILS	SCHED A
D3	ROADWAY DETAILS	SCHED A
D4	ROADWAY DETAILS	SCHED A
D5	ROADWAY DETAILS	SCHED A
SIGNING & STRIPING		
S1	SIGNING & STRIPING	SCHED A
S2	SIGNING & STRIPING	SCHED A
STORM DRAIN		
SD1	STORM DRAIN PLAN & PROFILE	SCHED B
SD2	STORM DRAIN PLAN & PROFILE	SCHED B
SD3	STORM DRAIN PLAN & PROFILE	SCHED B
SD4	STORM DRAIN PLAN & PROFILE	SCHED B
SD5	STORM DRAIN DETAILS	SCHED B
SD6	STORM DRAIN DETAILS	SCHED B
SD7	STORM DRAIN DETAILS	SCHED B
SD8	STORM DRAIN SUMMARY TABLES	SCHED B
ILLUMINATION		
I1	ILLUMINATION PLAN	SCHED C
I2	ILLUMINATION PLAN & NOTES	SCHED C
I3	ILLUMINATION SCHEDULES & DETAILS	SCHED C
I4	LOAD CENTER DETAILS AND SCHEDULES	SCHED C

WORK SCHEDULES

A	ROADWAY IMPROVEMENTS
B	DRAINAGE IMPROVEMENTS
C	ILLUMINATION IMPROVEMENTS
D	WATER IMPROVEMENTS

File: \\crweng.com\Projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Sheet Index.dwg

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537
03/16/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

SHEET INDEX

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET G2 of G5

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE MUNICIPALITY OF ANCHORAGE (MOA) STANDARD SPECIFICATIONS, DATED 2024, (HEREINAFTER REFERRED TO AS MASS), THE LATEST EDITION OF THE ANCHORAGE WATER AND WASTEWATER UTILITY (AWWU) DESIGN AND CONSTRUCTION PRACTICES MANUAL (DCPM) AND THE SPECIAL PROVISIONS.

2. CAUTION!!! THE LOCATION OF THE EXISTING FEATURES AND UTILITIES SHOWN IN THESE DRAWINGS (PLAN & PROFILES) ARE APPROXIMATE. WHERE SINGLE CABLE, ELECTRIC, TELEPHONE, TRAFFIC, AND FIBER OPTIC LINES ARE SHOWN IN THE PLANS, MULTIPLE CONDUITS MAY EXIST IN THESE LOCATIONS AND SHALL BE PROTECTED IN PLACE BY CONTRACTOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL FEATURES AND UTILITIES ENCOUNTERED AND RECORD THEIR LOCATION ON THE CONTRACT RECORD DRAWINGS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE. CONTRACTOR SHALL SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED ON THE DRAWINGS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS WHICH ARE NOT SPECIFICALLY INDICATED AS BEING PROVIDED BY THE OWNER IN THE SPECIAL PROVISIONS. CONTRACTOR SHALL ADHERE TO ALL PERMIT REQUIREMENTS. THE PERMITS SHALL BE MAINTAINED ON THE PROJECT SITE. COPIES SHALL BE GIVEN TO THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

4. ALL WORK IN CLOSE PROXIMITY TO EXISTING OVERHEAD/UNDERGROUND TELEPHONE, CABLE, FIBER OPTIC, GAS, AND ELECTRIC UTILITIES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUTES, CODES AND GUIDELINES AND THE SHORING AND CLEARANCE REQUIREMENTS OF THE SERVING UTILITY. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.

5. LIMITS OF ROADWAY EXCAVATION SHOWN ON THE DRAWINGS ARE APPROXIMATE. ACTUAL LIMITS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER DURING CONSTRUCTION OPERATIONS.

6. GEOTECHNICAL (SOILS) INFORMATION IS INCLUDED IN THE CONTRACT DOCUMENTS.

7. ALL WORK SHALL BE PERFORMED WITHIN PUBLIC RIGHT-OF-WAY, PUBLIC USE EASEMENT, SLOPE EASEMENT, TEMPORARY CONSTRUCTION EASEMENT, DRAINAGE EASEMENT, ELECTRIC EASEMENT, INTRAGOVERNMENTAL USE PERMIT OR, TEMPORARY CONSTRUCTION PERMIT AREAS. THE EASEMENTS AND TEMPORARY CONSTRUCTION PERMITS ACQUIRED FOR THIS PROJECT MAY HAVE RESTRICTIONS. SEE CONTRACT DOCUMENTS FOR RESTRICTIONS.

8. CONTRACTOR SHALL RESTORE DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, TO PRE-CONSTRUCTION CONDITIONS, UNLESS OTHERWISE DIRECTED BY ENGINEER. PAYMENT FOR RESTORING DISTURBED PROPERTY OUTSIDE OF IDENTIFIED CONSTRUCTION LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE. DISTURBED AREAS NOT BEING PAVED OR FINISHED WITH GRAVEL/CONCRETE SHALL BE TOPSOILED AND SEEDED WITH SCHEDULE A SEEDING MIX UNLESS OTHERWISE NOTED.

9. PROJECT CLEARING AND GRUBBING LIMITS SHALL COINCIDE WITH THE LIMITS OF DISTURBANCE AS SHOWN ON THE DEMOLITION (B) SHEETS. CONTRACTOR SHALL OBTAIN APPROVAL OF THE CLEARING AND GRUBBING LIMITS BY THE ENGINEER PRIOR TO CLEARING AND GRUBBING, SEE SPECIFICATIONS FOR MORE INFORMATION. CONTRACTOR SHALL CLEAR TREE BRANCHES/LIMBS PER TREE CLEARING DETAILS SHOWN ON SHEET D5.

10. SLOPE LIMITS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE ACTUAL SLOPE LIMITS BASED ON PRECONSTRUCTION SURVEY DATA.

11. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, THE CONTRACTOR SHALL SAW CUT AND REMOVE ADDITIONAL PAVEMENT BEYOND THE INITIAL SAW CUT, A MINIMUM OF 1-FOOT ONTO UNDISTURBED ASPHALT. AT TRANSVERSE JOINTS FINAL SAW CUT LINE SHALL BE SKEWED 15° – 25° PER DETAIL 2, SHEET D3. ASPHALT TACK COAT SHALL BE APPLIED BY CONTRACTOR TO THE SAWN FACE OF ASPHALT PRIOR TO BEGINNING PAVING.

12. PAVEMENT CROSS SLOPE ON SIDE STREETS SHALL VARY AT INTERSECTIONS TO PROVIDE POSITIVE DRAINAGE. SEE ROADWAY (R) SHEETS FOR INTERSECTION LAYOUTS.

13. ALL WORK AND MATERIALS REQUIRED FOR REMOVING ANY LITTER OR DEBRIS CREATED BY CONSTRUCTION OPERATIONS WITHIN THE PROJECT LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.

14. ALL ORGANIC MATERIAL SHALL BE REMOVED FROM THE SUBGRADE TO A DEPTH TO BE DETERMINED BY THE ENGINEER. NO ORGANIC MATERIAL OR OTHER DELETERIOUS MATERIAL SHALL BE UTILIZED FOR BACKFILL.

15. THE CONTRACTOR SHALL SUBMIT RECORD SURVEY NOTES WITH THE RECORD DRAWINGS.

16. ROADWAY/DRIVEWAY EXCAVATION SHALL BE MEASURED BY EXCAVATED CROSS-SECTION AND SHALL BE LIMITED TO THE PAY LIMITS IDENTIFIED IN THE TYPICAL CROSS SECTIONS SHOWN ON THE C SHEETS, UNLESS ADDITIONAL EXCAVATION IS DIRECTED BY THE ENGINEER IN WRITING.

17. THE PROJECT ROADWAY CENTERLINE STATIONING IS NOT RIGHT-OF-WAY CENTERLINE PER SURVEY CONTROL DRAWINGS. SEE SURVEY CONTROL DRAWINGS FOR HORIZONTAL AND VERTICAL CONTROL.

18. ALL CURB LOCATIONS, RADIUS MEASUREMENTS AND ELEVATIONS ARE TO THE TOP BACK OF CURB (TBC) UNLESS OTHERWISE NOTED.

19. MAINTAIN A MINIMUM OF TEN FEET (10') HORIZONTAL AND EIGHTEEN INCHES (18") VERTICAL SEPARATION BETWEEN THE OUTSIDE OF PIPES FOR WATER MAINS AND SERVICES TO SANITARY SEWER OR STORM DRAIN. INSTALL INSULATION BOARD (R-18) BETWEEN THE PIPES WHEN THE VERTICAL SEPARATION IS BETWEEN EIGHTEEN INCHES (18") AND THIRTY-SIX INCHES (36"). INSULATION MAY BE OMITTED WHEN THE VERTICAL SEPARATION IS GREATER THAN THIRTY-SIX INCHES (36"). WHERE STORM OR SEWER CROSS A WATER LINE, THE JOINTS OF ALL PIPES ARE TO HAVE A MINIMUM SEPARATION OF NINE FEET (9') FROM THE CROSSING.

20. EXISTING WATER AND SEWER SERVICE LINES ARE NOT SHOWN IN THE PROFILES UNLESS SPECIFICALLY CALLED OUT.

21. ALL CURB AND GUTTER SHALL BE PAID AS "P.C.C. CURB AND GUTTER (ALL TYPES)".

22. EXISTING SHALLOW (CABLE, ELECTRIC, TELEPHONE, GAS, FIBER OPTIC, ETC) UTILITIES AND RELOCATED PROPOSED SHALLOW UTILITIES ARE NOT SHOWN IN THE TYPICAL CROSS SECTIONS. EXISTING SHALLOW UTILITY CROSSINGS ARE SHOWN AT AN ASSUMED ELEVATION IN THE PROFILES UNLESS OTHERWISE NOTED. RELOCATED PROPOSED SHALLOW UTILITIES ARE NOT SHOWN IN THE PLANS OR PROFILES. RELOCATED PROPOSED SHALLOW UTILITIES ARE TO BE RELOCATED BY OTHERS AS SHOWN IN THE UTILITY RELOCATION PLANS, SEE CONTRACT DOCUMENTS FOR MORE INFORMATION.

23. THE MATCH EXISTING ELEVATIONS AS SHOWN IN THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST PROPOSED GRADES AS REQUIRED TO MATCH INTO EXISTING ELEVATIONS PER THE DIRECTION OF THE ENGINEER.

24. ALL FILL, USABLE EXCAVATION, AND TRENCH BACKFILL SHALL BE COMPACTED TO NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, PER MASS DIVISION 20 EARTHWORK, BASED ON MODIFIED PROCTOR TEST VALUES. ALL FILLS SHALL BE PLACED IN LIFTS NOT EXCEEDING 12-INCHES.

25. FIRE HYDRANTS SHALL BE ADJUSTED TO FINAL GRADE BY AWWU O&M DIVISION ON A REIMBURSABLE BASIS. THE CONTRACTOR IS TO PROVIDE WRITTEN NOTICE TO THE ENGINEER A MINIMUM OF SEVEN (7) DAYS PRIOR TO THE NEED FOR FINAL FIRE HYDRANT ADJUSTMENT. THE WRITTEN NOTICE IS TO CONTAIN, AT A MINIMUM, THE MANUFACTURER AND MODEL NUMBER OF THE HYDRANT AND VERTICAL ADJUSTMENT NEEDED IN SIX (6") INCREMENTS.

26. THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING STORM DRAIN SYSTEM TO BE REPLACED/EXTENDED IS IN A DIFFERENT HORIZONTAL AND VERTICAL LOCATION OF THE PROPOSED STORM DRAIN SYSTEM TO BE INSTALLED IN LOCATIONS AS SHOWN ON THE STORM DRAIN (SD) SHEETS.

27. UNLESS OTHERWISE NOTED ALL VALVE BOXES, KEYBOXES, CLEANOUTS, CATCH BASINS, AND MANHOLES WITHIN THE CONSTRUCTION DISTURBANCE LIMITS SHALL BE ADJUSTED RELATIVE TO FINISH GRADE PER MASS, THESE DRAWINGS OR THE SPECIAL PROVISIONS.

28. IN CASE OF CONFLICT BETWEEN STATIONING AND DIMENSIONED LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS.

29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS 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.

30. WATER RESULTING FROM CONTRACTOR'S DEWATERING EFFORT MAY NOT BE PUMPED OR OTHERWISE DIVERTED INTO EXISTING STORM DRAINS OR CREEKS UNLESS PERMITS ARE OBTAINED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO, THOSE REQUIRED BY THE MOA STORM WATER PLAN REVIEW OFFICE. UNDER NO CIRCUMSTANCES WILL THE CONTRACTOR BE ALLOWED TO DIVERT WATER FROM AN EXCAVATION ONTO ROADWAYS. CONTRACTOR SHALL PROVIDE A DISPOSAL SITE FOR EXCESS WATER AND SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL PROVIDE COPIES OF NECESSARY PERMITS AND APPROVALS TO THE MOA RIGHT-OF-WAY PERMIT OFFICE.

CALL BEFORE YOU DIG!!!

Alaska Digline, Inc. Statewide	811
Alaska Railroad	265-2520
Military Fuel Lines	552-3760
State Storm Drains	333-2411

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537
03/16/26
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

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GENERAL NOTES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET G3 of G5

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 General Notes.dwg

PLAN LEGEND

PROPERTY

EXISTING	PROPOSED	
		CENTERLINE
		EASEMENT LINE
		PROPERTY LINE
		ROW LINE
		SECTION LINE
		TEMPORARY CONSTRUCTION EASEMENT/PERMIT

UTILITY

EXISTING	PROPOSED	
		ABANDONED UTILITY
C		CABLE TV LINE (UNDERGROUND)
OC		CABLE TV LINE (OVERHEAD)
U.C.		CABLE TV PEDESTAL
		CONTROLLER OR ATR CABINET
		CULVERT
		DRY WELL
E		ELECTRIC LINE (UNDERGROUND)
OE		ELECTRIC LINE (OVERHEAD)
OEC		ELECTRIC & CABLE TV LINE (OVERHEAD)
OET		ELECTRIC & TELEPHONE LINE (OVERHEAD)
		ELECTRIC JB TYPE IA
		ELECTRIC JB TYPE II
		ELECTRIC JB TYPE III
		ELECTRIC LOAD CENTER
E		ELECTRIC MANHOLE/JB
E.M.		ELECTRIC METER
U.E.		ELECTRIC PEDESTAL UNDERGROUND
		ELECTRIC SIGN
SC		ELECTRIC SWITCH CABINET
T		ELECTRIC TRANSFORMER
E		ELECTRIC VAULT
FO		FIBER OPTIC LINE (UNDERGROUND)
FO		FIBER OPTIC VAULT
FS	FS	FOOTING DRAIN SERVICE LINE
FS	FS	FOOTING DRAIN SERVICE CONNECTION
G		GAS LINE
G.M.		GAS METER
		GAS VALVE
		GUY POLE
		GUY ANCHOR
IR		IRRIGATION SYSTEM
		JOINT USE ELECTRIC & TELEPHONE POLE
L		LIGHTING LINE
		LUMINAIRE
		LUMINAIRE (PEDESTRIAN)
S	S	SANITARY SEWER LINE
		SANITARY SEWER MANHOLE
		SANITARY SEWER SERVICE CONNECTION
C.O.		SANITARY SEWER CLEANOUT
SD	SD	STORM DRAIN LINE
SB	SB	SUBDRAIN LINE
		STORM DRAIN CATCH BASIN
		STORM DRAIN CATCH BASIN MANHOLE OR MH
		STORM DRAIN MANHOLE
		STUBOUT CAPPED OR PLUGGED END
OT/C		TELEPHONE & CABLE TV LINE (OVERHEAD)
OT		TELEPHONE LINE (OVERHEAD)

UTILITY

EXISTING	PROPOSED	
T		TELEPHONE LINE (UNDERGROUND)
T		TELEPHONE MANHOLE
U.T.		TELEPHONE PEDESTAL
413	414	TRAFFIC DETECTOR LOOPS
TF		TRAFFIC LINE (UNDERGROUND)
		TRAFFIC SIGNAL POLE
		TRAFFIC SIGNAL POLE/LUMINAIRE
		UTILITY POLE
W	W	WATER LINE
		WATER FIRE HYDRANT
		WATER KEY BOX
W		WATER MANHOLE
		WATER VALVE
		WATER WELL

ROADWAY

EXISTING	PROPOSED	
		APPROX SLOPE LIMITS (CUT)
		APPROX SLOPE LIMITS (FILL)
		CURB & GUTTER
		EDGE OF PAVEMENT
		EDGE OF SIDEWALK/CONCRETE
		GUARDRAIL, BARRIER RAIL
		INTERLOCKING CONCRETE PAVERS
		RETAINING WALL (TYPE VARIES)
		STREET SIGN
		UNPAVED (GRAVEL) EDGE OF ROAD/DWY

MISCELLANEOUS

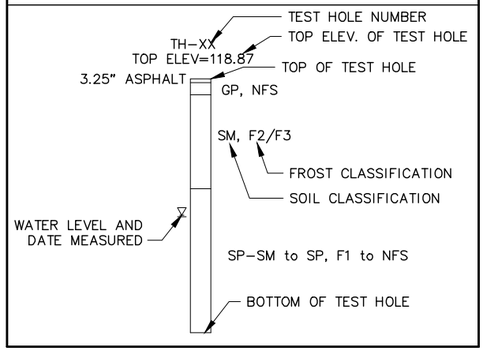
EXISTING	PROPOSED	
		BLUFF AREA/ EARTHWORK SLOPE
		BOULDER
		DECK
		DRAINAGE ARROW (DIRECTION OF FLOW)
		DRAINAGE SWALE
		FENCE (TYPE VARIES)
		FENCE (DECORATIVE)
		HOUSE OR STRUCTURE
		LANDSCAPING ROCK
M.B.	M.B.	MAILBOX (INDIVIDUAL)
		MAILBOX (CLUSTER)
N.B.		NEWS BOX
		PARKING METER
	1 PARCEL ADDRESS	PARCEL NUMBER WITH PARCEL ADDRESS BELOW
		RIPRAP (CLASS I)
		STREAM SUBSTRATE
		STREAM/EDGE OF WATERWAY
		TREE/SHRUB (CONIFEROUS)
		TREE/SHRUB (DECIDUOUS)
		TEST BORING OR TEST HOLE
		VEGETATION & BRUSH

PROFILE LEGEND

SYMBOL

EXISTING	PROPOSED	
		APPROXIMATE EXCAVATION LIMITS
		EXISTING GROUND OVER PIPE
	0.00%	GRADE AT CENTER LINE
		GRADE AT LEFT ROW
		GRADE AT RIGHT ROW
		PIPE (PROFILE)
		PIPE (SECTION)
		STORM DRAIN CATCH BASIN/OGS
		STORM DRAIN/SANITARY SEWER MANHOLE & PIPE
UTILITY CROSSING		UTILITY CROSSING (WATER/SEWER/STORM DRAIN)
C		UTILITY CROSSING (CABLE)
E		UTILITY CROSSING (ELECTRIC)
FO		UTILITY CROSSING (FIBER OPTIC)
G		UTILITY CROSSING (GAS)
T		UTILITY CROSSING (TELEPHONE)
		INSULATION
		RIPRAP (CLASS I)
		STREAM SUBSTRATE

LEGEND – SOIL



NOTES:

1. STANDARD LEGEND AND ABBREVIATIONS SHOWN. NOT ALL LEGEND ITEMS AND ABBREVIATIONS ARE PART OF THIS CONTRACT.
2. SOIL CLASSIFICATION IS BASED UPON UNIFIED SOIL CLASSIFICATION (ASTM D 2487–00), SEE GEOTECHNICAL SOIL BORING LOGS FOR MORE INFORMATION.
3. SEE LEGEND ON SHEET V1 FOR SURVEY CONTROL SYMBOLS. ADDITIONAL LEGEND AND ABBREVIATION ITEMS NOT SHOWN HERE ARE PROVIDED ON SPECIFIC SHEETS THROUGHOUT THE DRAWINGS.

COMMON ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
AC	ASPHALT CONCRETE	NWT	NO WATER TABLE
AC	ASBESTOS CONCRETE	OC	ON CENTER
APPROX/ APPX	APPROXIMATE	OCEW	ON CENTER EACH WAY
		OD	OUTSIDE DIAMETER
AVAP	AS VERTICAL AS POSSIBLE	OGS	OIL AND GRIT SEPARATOR
BM	BENCH MARK	OH	OVERHEAD
BOP	BEGINNING OF PROJECT	PC	POINT OF CURVATURE
BOS	BOTTOM OF STEEL	PCC	PORTLAND CONCRETE CEMENT/ POINT OF CONTINUOUS CURVATURE
C&G	CURB AND GUTTER		
CB	CATCH BASIN	PI	POINT OF INTERSECTION
CBMH	CATCH BASIN MANHOLE	PL, P/L	PROPERTY LINE
CI	CAST IRON	PCMP	PRECOATED CORRUGATED METAL PIPE
C/L, CL	CENTERLINE	PCPEP	PERFORATED CORRUGATED POLYETHYLENE PIPE
CMP	CORRUGATED METAL PIPE		
CO	CLEANOUT	PSL	POSTED SPEED LIMIT
CONST	CONSTRUCTION	PT	POINT OF TANGENCY
CPEP	CORRUGATED POLYETHYLENE PIPE	PUE	PUBLIC USE EASEMENT
CY	CUBIC YARD	PVC	POINT OF VERTICAL CURVATURE
DIA	DIAMETER	PVC	POLYVINYL CHLORIDE
DI	DUCTILE IRON	PVI	POINT OF VERTICAL INTERSECTION
DW	DETECTABLE WARNING	PVT	POINT OF VERTICAL TANGENT
DWY	DRIVEWAY	REINF	REINFORCEMENT
E	EAST	ROW, R/W	RIGHT OF WAY
ELEC	ELECTRIC / ELECTRICAL	RT, R	RIGHT
ELEV, EL	ELEVATION	S	SOUTH
EOP	END OF PROJECT / EDGE OF PAVEMENT	S/W	SIDEWALK
F&I	FURNISH AND INSTALL	SS	STAINLESS STEEL
FG	FINISHED GRADE	SEC COR	SECTION CORNER
GA	GAUGE	SF	SQUARE FOOT
GALV	GALVANIZED	SI	STREET INTERSECTION
GB	GRADE BREAK	ST	STREET
JB	JUNCTION BOX	STA	STATION / STATIONING
LC	LOAD CENTER	STD	STANDARD
IAW	IN ACCORDANCE WITH	STRUCT	STRUCTURE
ID	INSIDE DIAMETER	TBC	TOP BACK OF CURB
IE	INVERT ELEVATION	TBM	TEMPORARY BENCH MARK
INTX	INTERSECTION	TCP	TEMPORARY CONSTRUCTION PERMIT/ TRAFFIC CONTROL PLAN
INV	INVERT		
KB	KEYBOX	TELE	TELEPHONE
LF	LINEAR FOOT	TH	TEST HOLE
LT, L	LEFT	TOS	TOP OF STEEL
LUM	LUMINAIRE	TW	TOP OF WALL
MAX	MAXIMUM	TYP	TYPICAL
ME	MATCH EXISTING	UG	UNDERGROUND
MH	MANHOLE	UON	UNLESS OTHERWISE NOTED
MIN	MINIMUM	UTIL	UTILITY
MON	MONUMENT	VERT	VERTICAL
MSL	MEAN SEA LEVEL	VB	VALVE BOX
N	NORTH	VC	VERTICAL CURVE
N/A	NOT APPLICABLE	W	WEST
N.I.C.	NOT IN CONTRACT	W/	WITH
NTS	NOT TO SCALE		

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
2014–2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL

STATE OF ALASKA 49 TH Christopher T. Koenen CE-14537 05/16/26 REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

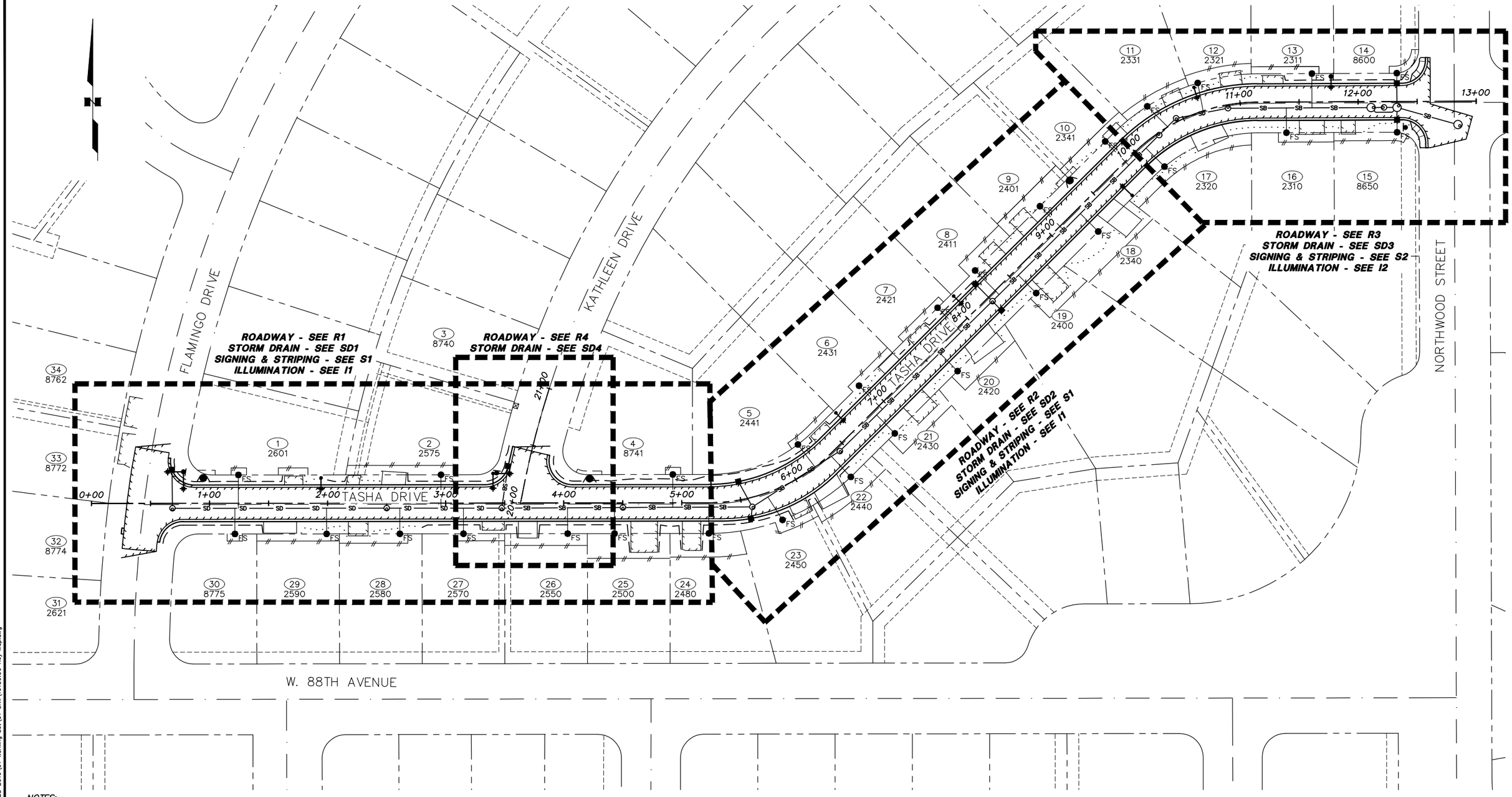
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

LEGEND & ABBREVIATIONS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET G4 of G5

File: \\crweng.com\Projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Legend & Abbreviations.dwg



NOTES:

1. *EXISTING UTILITIES, FEATURES & SOME EASEMENTS ARE NOT SHOWN FOR CLARITY.*
2. *NOT ALL SHEETS ARE CALLED OUT FOR CLARITY.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 80 40 0 40 80

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
03/20/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

KEY MAP

SCALE HOR. 1"=40'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET G5 of G5

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Key Map.dwg

HORIZONTAL CONTROL

COORDINATE SYSTEM:
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.

BASIS OF COORDINATES:
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.

BASIS OF BEARINGS:
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.

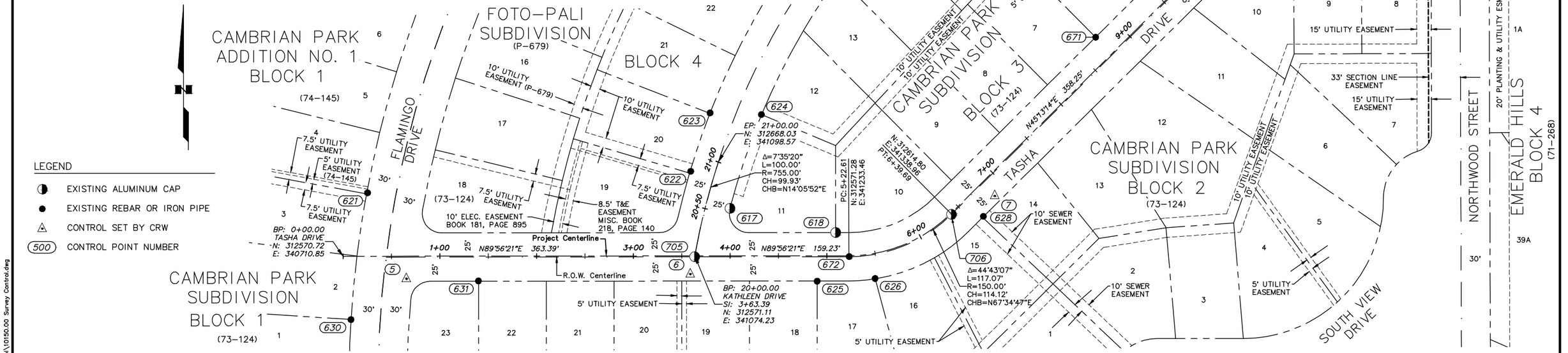
TRANSLATION PARAMETERS:
TO CONVERT THE LOCAL COORDINATES TO NAD83 (92) STATE PLANE COORDINATES EXPRESSED IN U.S. SURVEY FEET, TRANSLATE USING +2,296,868.6878 N U.S. SURVEY FEET, +1,312,517.4904 E U.S. SURVEY FEET, AND SCALE USING 0.9998910192.

VERTICAL CONTROL

PROJECT VERTICAL DATUM IS GAAB 1972 ADJUSTMENT HOLDING MOA BENCHMARK GAAB 39 WITH PUBLISHED ELEVATION OF 62.20', AS DESCRIBED ON PAGE D-36 OF THE MOA BENCHMARK BOOK, AND MOA BENCHMARK 2014-2326 WITH PUBLISHED ELEVATION OF 86.96' AS DESCRIBED ON THE ONLINE MOA SURVEY BENCHMARKS MAP.

SURVEY NOTES

1. FIELD SURVEY WAS CONDUCTED APRIL 30 THROUGH MAY 14, 2021.
2. ALL POINTS SHOWN HEREON WERE ESTABLISHED BY NETWORK STATIC GNSS, REDUNDANT RTK GNSS, OR CONVENTIONALLY VIA REPEATED ANGLES FROM MULTIPLE BACK SIGHTS.
3. THE TASHA DRIVE PROJECT ALIGNMENT IS OFFSET FROM THE TASHA DRIVE RIGHT-OF-WAY CENTERLINE. THE KATHLEEN DRIVE PROJECT ALIGNMENT COINCIDES WITH THE KATHLEEN DRIVE RIGHT-OF-WAY CENTERLINE.
4. ALL EASEMENTS SHOWN PER PLAT 73-124 UNLESS NOTED OTHERWISE.



HORIZONTAL CONTROL – TASHA DRIVE ALIGNMENT

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
*616	0+05.42	117.91 RT	312452.82	340716.39	FOUND 5/8" REBAR 0.4' BELOW GRADE
630	0+07.95	65.44 RT	312505.29	340718.87	FOUND 5/8" REBAR 1.0' BELOW GRADE
621	0+25.20	65.46 LT	312636.21	340735.97	FOUND 1/2" REBAR 0.6' ABOVE GRADE
*702	0+35.88	166.25 RT	312404.51	340746.90	FOUND 2" ALUMINUM CAP IN MONUMENT CASE
5	0+65.37	23.34 RT	312547.45	340776.24	SET 2" ALUMINUM CAP 0.3' BELOW GRADE
631	1+39.76	25.69 RT	312545.18	340850.63	FOUND 5/8" REBAR 0.6' BELOW GRADE
6	3+58.82	18.82 RT	312552.29	341069.68	SET 2" ALUMINUM CAP 0.3' BELOW GRADE
622	3+59.24	87.41 LT	312658.51	341069.99	FOUND 1/2" REBAR 0.9' ABOVE GRADE
705	3+63.20	1.00 RT	312570.11	341074.05	FOUND ALUMINUM CAP FLUSH WITH GRADE
623	3+79.32	147.64 LT	312718.77	341090.01	FOUND 5/8" REBAR 0.2' BELOW GRADE

* NOT SHOWN, OUTSIDE OF VIEWPORT

HORIZONTAL CONTROL – TASHA DRIVE ALIGNMENT

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
617	3+99.70	49.12 LT	312620.26	341110.49	FOUND 2" ALUMINUM CAP 0.3' BELOW GRADE
624	4+32.40	146.00 LT	312717.19	341143.09	FOUND Y.P.C. 0.2' ABOVE GRADE
625	4+89.84	26.31 RT	312544.93	341200.71	FOUND 1-1/4" I.P. FLUSH WITH GRADE
618	5+09.07	23.99 LT	312595.25	341219.89	FOUND 2" ALUMINUM CAP 0.2' BELOW GRADE
672	5+23.03	0.94 RT	312570.34	341233.88	FOUND 5/8" REBAR 0.5' BELOW GRADE
626	5+45.87	25.74 RT	312547.68	341260.62	FOUND 1-1/2" I.P. FLUSH WITH GRADE
706	6+39.36	1.00 RT	312613.87	341339.43	FOUND 1-1/2" ALUMINUM CAP FLUSH WITH GRADE
628	6+61.57	25.67 RT	312612.00	341372.58	FOUND 5/8" REBAR 0.1' BELOW GRADE
7	6+84.84	19.04 RT	312633.10	341384.42	SET 2" ALUMINUM CAP 0.3' BELOW GRADE
671	8+74.33	23.92 LT	312797.06	341488.66	FOUND REBAR 1.0' BELOW GRADE

HORIZONTAL CONTROL – TASHA DRIVE ALIGNMENT

POINT	STATION	OFFSET	NORTHING	EASTING	DESCRIPTION
707	9+97.56	1.00 RT	312866.18	341593.69	FOUND BENT 5/8" REBAR FLUSH WITH GRADE
670	10+12.06	24.06 LT	312895.21	341588.46	FOUND Y.P.C. 0.1' BELOW GRADE
619	10+63.46	23.98 LT	312924.43	341640.11	FOUND Y.P.C. 0.3' BELOW GRADE
629	11+08.31	25.88 RT	312884.67	341693.23	FOUND 5/8" REBAR 0.2' BELOW GRADE
708	11+15.10	1.00 RT	312909.68	341698.84	FOUND 5/8" REBAR FLUSH WITH GRADE
627	12+31.73	23.82 LT	312935.01	341815.37	FOUND 5/8" REBAR 0.2' BELOW GRADE
8	12+46.12	24.51 LT	312935.76	341829.75	SET 2" ALUMINUM CAP 0.4' BELOW GRADE
709	12+81.43	1.00 RT	312910.40	341865.17	FOUND 2" ALCAP IN MONUMENT CASE
*701	N/A	N/A	312404.38	340547.05	FOUND 2" ALUMINUM CAP IN MONUMENT CASE
620	N/A	N/A	312885.58	341915.28	FOUND 5/8" REBAR FLUSH WITH GRADE

* NOT SHOWN, OUTSIDE OF VIEWPORT

RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

GRAPHIC SCALE 100 50 0 50 100

CONSTRUCTION RECORD

FIELD BOOKS	STAKING	ASBUILT	CONTRACTOR	INSPECTOR
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872				

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT
CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL
STATE OF ALASKA 49TH
Bradford W. Watts
LS-12319
03/17/26
REGISTERED PROFESSIONAL LAND SURVEYOR

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

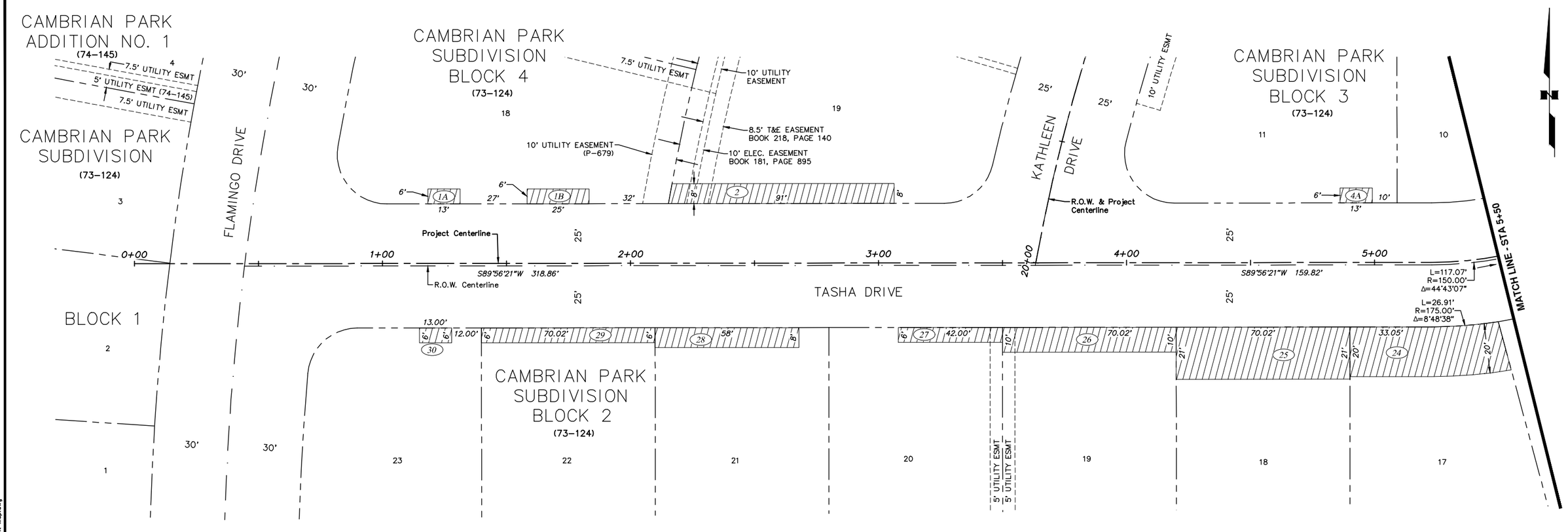
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

SURVEY CONTROL

SCALE HOR. 1"=50' VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET V1 of V4

File: \\crweng.com\Projects\JobsDate\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\02 Survey\03 Survey Control\10150.00 Survey Control.dwg



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
1A	LOT 18, BLOCK 4, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
1B	LOT 18, BLOCK 4, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
2	LOT 19, BLOCK 4, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
4A	LOT 11, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
24	LOT 17, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
25	LOT 18, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
26	LOT 19, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
27	LOT 20, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
28	LOT 21, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
29	LOT 22, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP
30	LOT 23, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73-124	TCP

SURVEY NOTES

1. ALL EASEMENTS SHOWN PER PLAT 73-124 UNLESS NOTED OTHERWISE.

LEGEND

(1) Parcel Number

Temporary Construction Permit (TCP)

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
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   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Bradford W. Watts
LS-12319
03/17/26
REGISTERED PROFESSIONAL LAND SURVEYOR

SEAL

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

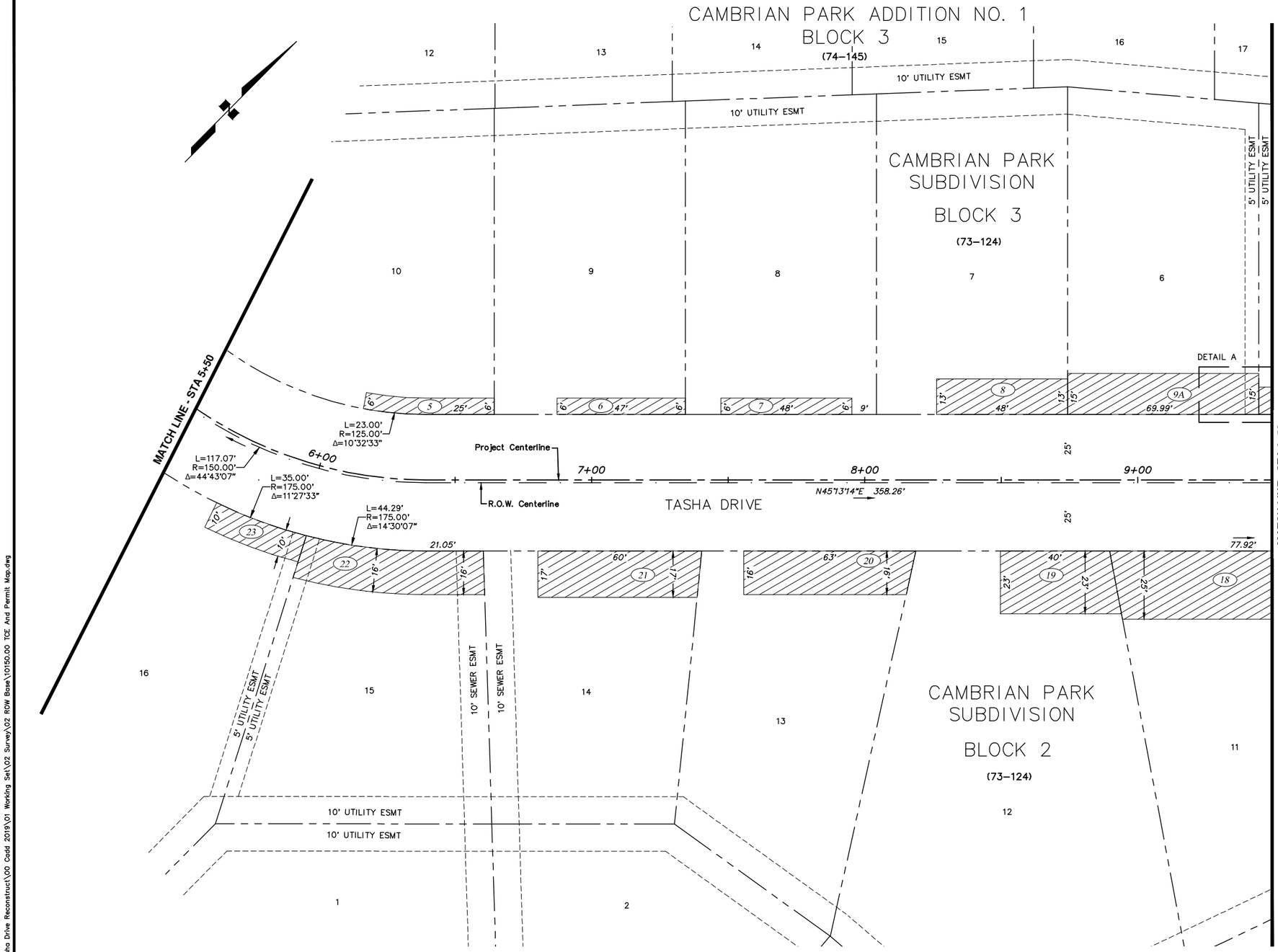
20-15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

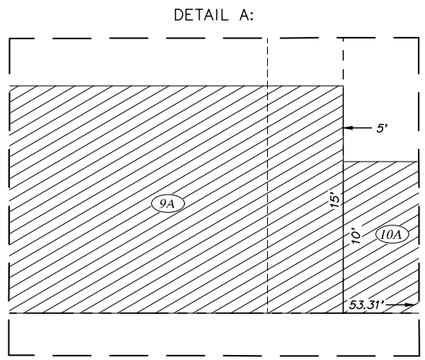
TEMPORARY EASEMENT AND PERMIT MAP

TASHA DRIVE
BOP TO STA 5+50

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET V2 of V4

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\02 Survey\02 ROW Base\10150.00 TCE And Permit Map.dwg





TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
5	LOT 10, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
6	LOT 9, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
7	LOT 8, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
8	LOT 7, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
9A	LOT 6, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
10A	LOT 5, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
18	LOT 11, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
19	LOT 12, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
20	LOT 13, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
21	LOT 14, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
22	LOT 15, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
23	LOT 16, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP

LEGEND

(1) Parcel Number

Temporary Construction Permit (TCP)

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\02 Survey\02 ROW Base\10150.00 TCE And Permit Map.dwg

RECORD DRAWING
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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

PLAN CHECK		
DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD			VERTICAL DATUM			REVISIONS			
FIELD BOOKS			BM NO.	LOCATION	ELEV.	REV	DATE	DESCRIPTION	BY
DESIGN	CRW BOOK No. 3796, 3825, 3831, 3832, & 3872		GAAB 39	See MOA Benchmark Book, Page D–36	62.20'				
			2014–2326	See MOA Online Benchmark Map	86.96'				
STAKING									
ASBUILT									
CONTRACTOR			BASIS OF THIS DATUM GAAB 1972 ADJUST						
INSPECTOR									

CONSULTANT
CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL
STATE OF ALASKA
49 TH
Bradford W. Watts
LS-12319
03/17/26
REGISTERED PROFESSIONAL LAND SURVEYOR

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

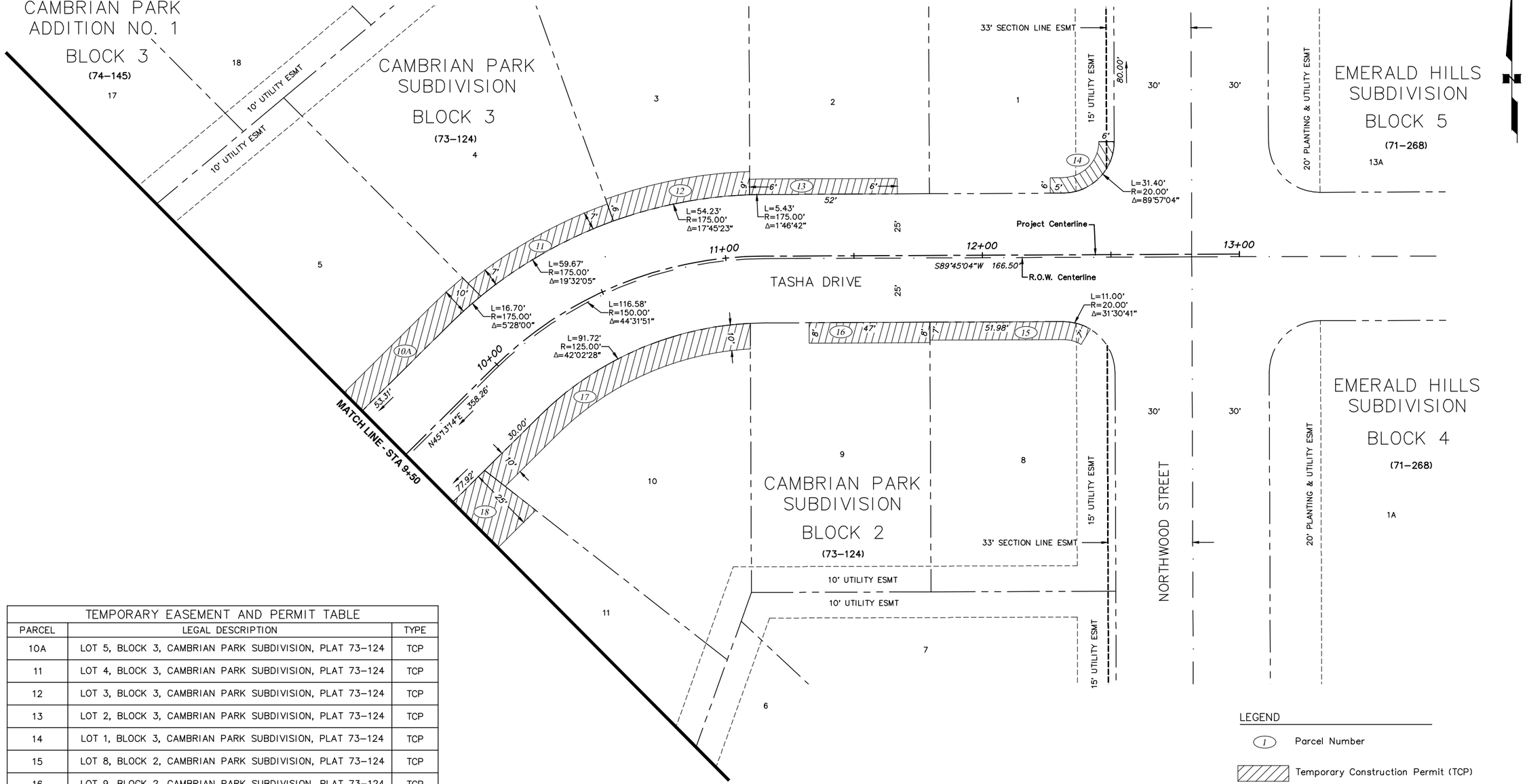
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

TEMPORARY EASEMENT AND PERMIT MAP

TASHA DRIVE
STA 5+50 TO STA 9+50

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET V3 of V4



TEMPORARY EASEMENT AND PERMIT TABLE		
PARCEL	LEGAL DESCRIPTION	TYPE
10A	LOT 5, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
11	LOT 4, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
12	LOT 3, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
13	LOT 2, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
14	LOT 1, BLOCK 3, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
15	LOT 8, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
16	LOT 9, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
17	LOT 10, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP
18	LOT 11, BLOCK 2, CAMBRIAN PARK SUBDIVISION, PLAT 73–124	TCP

LEGEND

(1) Parcel Number

Temporary Construction Permit (TCP)

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

GRAPHIC SCALE 40 20 0 20 40

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL

STATE OF ALASKA 49TH
Bradford W. Watts
LS-12319
03/17/26
REGISTERED PROFESSIONAL LAND SURVEYOR

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

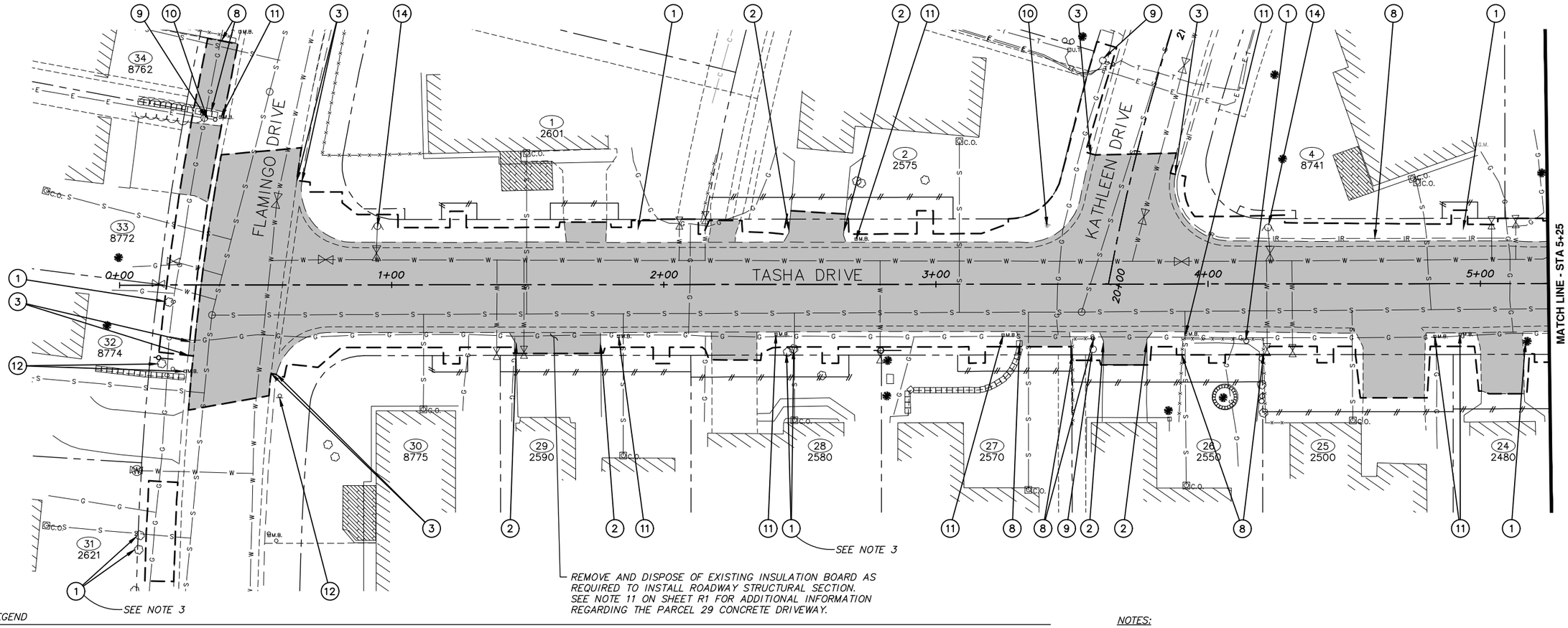
20–15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

TEMPORARY EASEMENT AND PERMIT MAP

TASHA DRIVE
STA 9+50 TO EOP

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET V4 of V4

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\02 Survey\02 ROW Base\10150.00 TCE And Permit Map.dwg



LEGEND

(1) CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TREE PROTECTION ZONE FENCES (SECTION 75.14) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.

(2) REMOVE P.C.C. SIDEWALK OR APRON (SECTION 20.07).

(3) REMOVE P.C.C. CURB AND GUTTER (SECTION 20.08).

(8) REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (75.18).

(9) REMOVE LUMINAIRE POLE (BY OTHERS).

(10) REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 85.04).

(11) RELOCATE MAILBOX (SECTION 85.09).

(12) PROTECT IN PLACE.

(14) DECOMMISSION FIRE HYDRANT (SINGLE PUMPER) (SECTION 60.08).

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

TREE PROTECTION ZONE FENCING (SECTION 75.14), LOCATIONS TO BE FIELD VERIFIED, SEE MASS DETAIL 75–10.

NOTES:

1. SEE SUMMARY TABLE SHEETS B4–B5 FOR STATION AND OFFSET OF DEMOLITION ITEMS.
2. SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.
3. CONTRACTOR SHALL GRIND STUMP JUST BELOW THE EXISTING GROUND. THIS WORK SHALL BE INCIDENTAL TO THE SECTION 20.04 PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE. CAUTION, SANITARY SEWER SERVICE BELOW EXISTING TREES.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
03/17/26
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

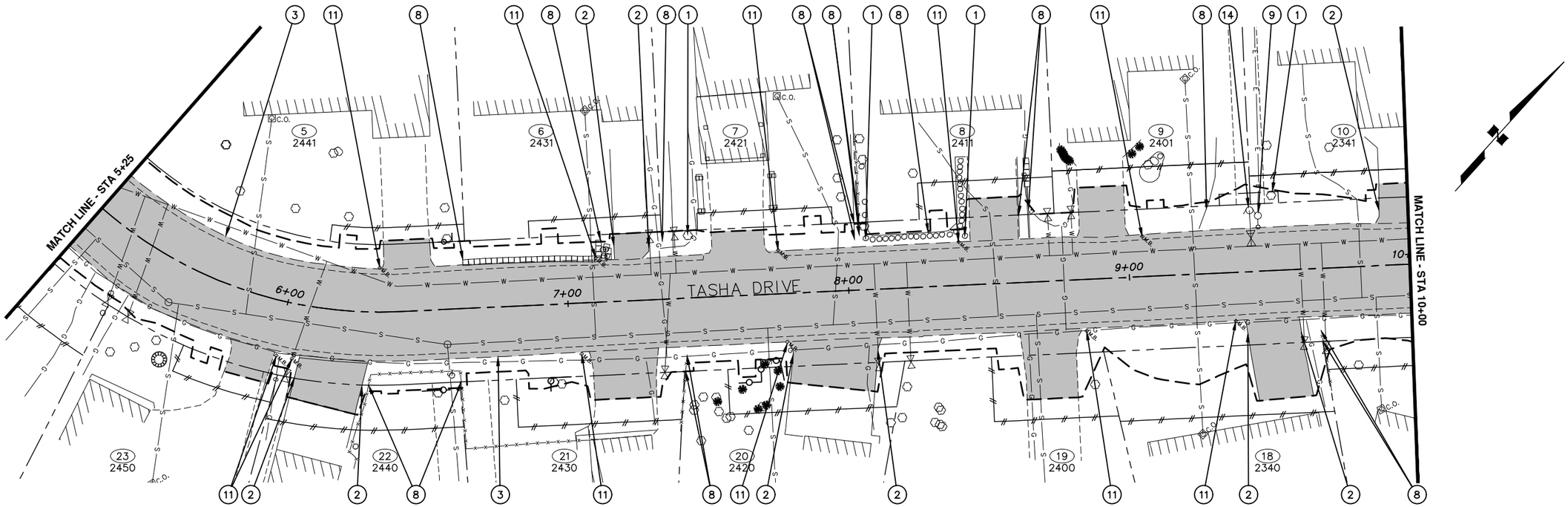
20–15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

DEMOLITION PLAN

TASHA DRIVE
BOP TO STA 5+25

SCALE HOR. 1"=20' VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET B1 of B5

File: \\crweng.com\Projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Demolition.dwg



LEGEND

1. *CLEAR AND GRUB WITHIN LIMITS OF DISTURBANCE AFTER CLEARING LIMITS HAVE BEEN APPROVED AND AFTER TREE PROTECTION ZONE FENCES (SECTION 75.14) HAVE BEEN ESTABLISHED AS SHOWN, OR AS DIRECTED BY THE ENGINEER IN THE FIELD (SECTION 20.04). NOT ALL TREES, SHRUBS, AND VEGETATION ARE SPECIFICALLY CALLED OUT OR SHOWN.*
2. *REMOVE P.C.C. SIDEWALK OR APRON (SECTION 20.07).*
3. *REMOVE P.C.C. CURB AND GUTTER (SECTION 20.08).*
8. *REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (75.18).*
9. *REMOVE LUMINAIRE POLE (BY OTHERS).*
11. *RELOCATE MAILBOX (SECTION 85.09).*
14. *DECOMMISSION FIRE HYDRANT (SINGLE PUMPER) (SECTION 60.08).*

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

TREE PROTECTION ZONE FENCING (SECTION 75.14), LOCATIONS TO BE FIELD VERIFIED, SEE MASS DETAIL 75–10.

NOTES:

1. *SEE SUMMARY TABLE SHEETS B4–B5 FOR STATION AND OFFSET OF DEMOLITION ITEMS.*
2. *SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
3825, 3831, 3832, & 3872	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA
49 TH
Christopher T. Koenen
CE-14537I
03/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

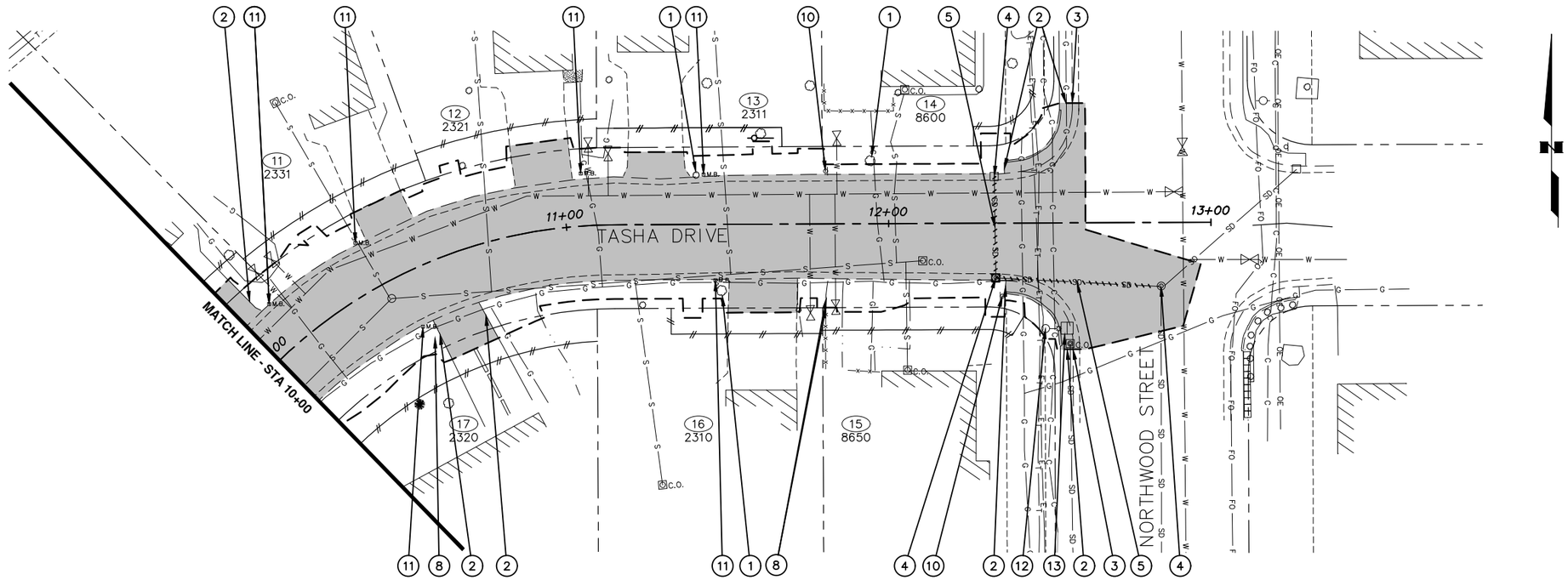
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

DEMOLITION PLAN

TASHA DRIVE
STA 5+25 TO STA 10+00

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET B2 of B5



LEGEND

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2. *REMOVE P.C.C. SIDEWALK OR APRON (SECTION 20.07).*
3. *REMOVE P.C.C. CURB AND GUTTER (SECTION 20.08).*
4. *REMOVE MANHOLE OR CATCH BASIN (SECTION 55.11).*
5. *REMOVE PIPE (SECTION 70.07).*
8. *REMOVE/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS (75.18).*
10. *REMOVE AND SALVAGE SIGN. THIS WORK SHALL BE INCIDENTAL TO THE BID ITEM STANDARD SIGNS (SECTION 85.04).*
11. *RELOCATE MAILBOX (SECTION 85.09).*
12. *PROTECT IN PLACE.*
13. *ADJUST JUNCTION BOX TO GRADE (80.08).*

REMOVAL OF PAVEMENT (SECTION 20.09) AND/OR, SIDEWALK, CURB & GUTTER, AND CONCRETE, AS SHOWN & NOTED IN SUMMARY TABLES.

APPROXIMATE LIMITS OF DISTURBANCE.

REMOVE PIPE (SECTION 70.07).

TREE PROTECTION ZONE FENCING (SECTION 75.14), LOCATIONS TO BE FIELD VERIFIED, SEE MASS DETAIL 75–10.

NOTES:

1. *SEE SUMMARY TABLE SHEETS B4–B5 FOR STATION AND OFFSET OF DEMOLITION ITEMS.*
2. *SEE ROADWAY IMPROVEMENTS (R) SHEETS FOR DRIVEWAY RECONSTRUCTION LIMITS.*

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   BY: _____

DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC 40 20 0 20 40 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
3825, 3831, 3832, & 3872	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
03/20/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 TASHA DRIVE ALL
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DEMOLITION PLAN

TASHA DRIVE
STA 10+00 TO EOP

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET B3 of B5

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Demolition.dwg

20.07

REMOVE P.C.C SIDEWALK OR APRON ②

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	AREA (SY)	REMARKS
B1	1+45.5	21.4 RT	1+76.7	20.8 RT	27	PARCEL 29 DRIVEWAY
B1	2+46.2	22.5 LT	2+66.4	21.2 LT	26	PARCEL 2 DRIVEWAY
B1	3+61.5	22.5 RT	3+77.4	22.5 RT	23	PARCEL 26 DRIVEWAY
B2	6+06.8	25.8 RT	6+27.3	27.4 RT	45	PARCEL 22 DRIVEWAY
B2	7+17.2	20.5 LT	7+29.7	20.3 LT	13	PARCEL 6 DRIVEWAY
B2	7+79.0	22.9 RT	8+08.7	27.0 RT	58	PARCEL 20 DRIVEWAY
B2	9+42.1	30.2 RT	9+60.9	27.6 RT	61	PARCEL 18 DRIVEWAY
B2/B3	9+89.9	22.7 LT	10+05.2	22.5 LT	27	PARCEL 10 DRIVEWAY
B3	10+49.4	22.5 RT	10+67.7	22.5 RT	23	PARCEL 17 DRIVEWAY
B3	12+36.0	17.1 LT	12+57.1	37.2 LT	14	
B3	12+36.2	19.6 RT	12+57.1	39.2 RT	14	

20.08

REMOVE P.C.C CURB AND GUTTER ③

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	LENGTH (FT)	REMARKS
B1	0+25.2	25.8 RT	0+25.7	20.8 RT	5	FLAMINGO DR
B1	0+55.7	32.6 RT	0+65.2	38.4 LT	72	VALLEY GUTTER
B1	0+57.6	32.9 RT	5+25.0	17.6 RT	476	FLAMINGO DR/TASHA DR
B1	0+67.0	38.1 LT	20+45.0	16.4 LT	326	FLAMINGO DR/TASHA DR/KATHLEEN DR
B1	20+45.0	15.6 LT	5+25.0	15.5 LT	153	TASHA DR/KATHLEEN DR
B2	5+25.0	15.5 LT	10+00.0	14.8 LT	464	KATHLEEN DR/TASHA DR
B2	5+25.0	17.6 RT	10+00.0	17.4 RT	489	TASHA DR
B3	10+00.0	14.8 LT	12+57.1	37.2 LT	282	TASHA DR/NORTHWOOD ST
B3	10+00.0	16.4 RT	12+57.1	39.2 RT	257	TASHA DR/NORTHWOOD ST

20.09

REMOVE A.C.P.

SHEET	STATION TO STATION	OFFSET	AREA (SY)	REMARKS
B1	0+22 TO 5+25	LT & RT	2,186	FLAMINGO DR/TASHA DR/KATHLEEN DR/DRIVEWAYS
B2	5+25 TO 10+00	LT & RT	1,745	TASHA DR/DRIVEWAYS
B3	10+00 TO 12+97	LT & RT	1,045	TASHA DR/NORTHWOOD ST/DRIVEWAYS

NOTES: 1. SEE ROADWAY IMPROVEMENT (R) SHEETS FOR ROADWAY PAVEMENT REMOVAL LIMITS.
2. SEE DRIVEWAY RECONSTRUCTION TABLE FOR DRIVEWAY PAVEMENT REMOVAL LIMITS.

55.11

REMOVE MANHOLE OR CATCH BASIN ④

SHEET	APPX STATION	APPX OFFSET (FT)	CATCH BASIN	MANHOLE	REMARKS
B3	12+32.8	14.4 LT	X		
	12+33.2	16.9 RT		X	
	12+84.4	19.8 RT		X	

70.07

REMOVE PIPE ⑤

SHEET	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	SIZE (INCH)	LENGTH (FT)	REMARKS
B3	12+32.8	14.4 LT	12+33.2	16.9 RT	10	31	
	12+33.2	16.9 RT	12+84.4	19.7 RT	10	51	

85.09

RELOCATE MAILBOX ⑪

SHEET	EXISTING LOCATION		NEW LOCATION		REMARKS
	APPX STATION	APPX OFFSET (FT)	APPX STATION	APPX OFFSET (FT)	
B1	0+37.1	61.6 LT	0+36.0	61.4 LT	
B1	1+83.3	19.0 RT	1+42.7	17.5 RT	
B1	2+41.2	18.4 RT	2+14.6	17.5 RT	
B1	2+70.7	16.6 LT	2+69.0	17.5 LT	
B1	3+24.7	18.8 RT	3+27.8	17.5 RT	
B1	3+91.8	18.5 RT	3+58.6	17.5 RT	
B1	4+83.3	19.4 RT	4+53.9	17.5 RT	
B1	4+92.6	18.7 RT	4+97.4	17.5 RT	
B2	6+00.0	19.5 RT	5+83.2	19.8 RT	
B2	6+05.0	19.5 RT	6+04.6	19.4 RT	
B2	6+32.9	15.8 LT	6+54.9	17.5 LT	
B2	7+04.0	18.1 RT	7+05.0	17.5 RT	
B2	7+10.6	15.8 LT	7+14.2	17.5 LT	
B2	7+75.5	15.4 LT	7+73.8	17.5 LT	
B2	7+77.3	17.2 RT	7+77.9	17.5 RT	
B2	8+39.8	15.4 LT	8+64.4	17.5 LT	
B2	8+83.9	18.3 RT	8+58.6	17.5 RT	
B2	9+05.2	14.3 LT	9+02.4	17.5 LT	
B2	9+37.1	17.3 RT	9+37.0	17.5 RT	
B3	10+08.9	15.1 LT	10+08.1	17.5 LT	
B3	10+38.8	15.3 LT	10+58.8	17.5 LT	
B3	10+45.2	17.5 RT	10+46.0	17.5 RT	
B3	11+05.5	16.3 LT	11+05.8	17.5 LT	
B3	11+42.7	15.4 LT	11+39.5	17.5 LT	
B3	11+46.2	17.4 RT	11+47.1	17.5 RT	

NOTE: SEE SHEET D4 FOR MAILBOX INSTALLATION DETAILS.

RECORD DRAWING
1. DATA PROVIDED BY: _____ TITLE: _____
THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
CONTRACTOR: _____
BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
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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.
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DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
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WATER/SANITARY SEWER	JM	JK
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ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
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MUNICIPAL/STATE	CK	JK

PLAN CHECK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
AS BUILT
CONTRACTOR
INSPECTOR

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
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CONSULTANT

STATE OF ALASKA 49 TH Christopher Koenen Christopher T. Koenen CE-14537 03/17/26 REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE ALL
FLAMINGO DRIVE TO NORTHWOOD STREET

DEMOLITION SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET B4 of B5

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Demolition Summary Tables.dwg

75.18

REMOVAL/DISPOSAL AND/OR SALVAGE/INSTALLATION OF OBSTRUCTIONS ⑧

SHEET	APPX STATION BEGIN	APPX OFFSET (FT)	APPX STATION END	APPX OFFSET (FT)	OBSTRUCTION ITEM	QUANTITY	ACTION	REMARKS
B1	0+27.2	64.2 LT	0+36.8	62.4 LT	LANDSCAPE EDGING	10 LF	PLACE ON PROPERTY	
B1	0+32.5	90.9 LT	0+42.7	89.0 LT	LANDSCAPE EDGING	14 LF	PLACE ON PROPERTY	
B1	3+29.7	17.7 RT	3+30.8	23.0 RT	DECORATIVE RETAINING WALL	6 LF	PLACE ON PROPERTY	
B1	3+50.1	26.0 RT	3+58.0	20.0 RT	FENCING	14 LF	PLACE ON PROPERTY	
B1	3+89.0	40.1 LT	5+09.0	16.7 LT	PRIVATE IRRAGATION SYSTEM	136 LF	DISCONNECT AND PLACE ON PROPERTY	
B1	3+90.4	26.0 RT	4+20.4	26.0 RT	FENCING	41 LF	PLACE ON PROPERTY	
B2	6+29.5	26.0 RT	6+60.7	26.0 RT	FENCING	40 LF	PLACE ON PROPERTY	
B2	6+63.1	16.3 LT	7+15.3	19.3 LT	RAILROAD TIES RETAINING WALL	64 LF	PLACE ON PROPERTY	
B2	7+29.6	24.0 LT	7+38.4	24.0 LT	DAMAGED PAVERS	78 SF	PLACE ON PROPERTY	
B2	7+40.7	26.0 RT	7+41.4	20.4 RT	FENCING	6 SF	PLACE ON PROPERTY	
B2	8+02.9	18.1 LT	8+03.0	24.0 LT	LANDSCAPE EDGING	6 LF	PLACE ON PROPERTY	
B2	8+04.6	19.6 LT	8+04.7	24.0 LT	FENCING	5 LF	PLACE ON PROPERTY	
B2	8+07.9	24.0 LT	8+39.7	24.0 LT	LANDSCAPE EDGING	39 LF	PLACE ON PROPERTY	
B2	8+61.5	16.3 LT	8+61.7	30.6 LT	LANDSCAPE EDGING	15 LF	PLACE ON PROPERTY	
B2	8+65.0	15.9 LT	8+65.0	28.1 LT	LANDSCAPE PAVERS	13 LF	PLACE ON PROPERTY	
B2	9+25.4	16.0 LT	9+29.5	25.6 LT	LANDSCAPE EDGING	11 LF	PLACE ON PROPERTY	
B3	10+47.1	26.0 RT	10+49.5	26.1 RT	LANDSCAPE EDGE & GRAVEL	27 SF	PLACE ON PROPERTY	
B3	11+80.4	26.0 RT	11+80.5	23.0 RT	FENCING	3 LF	PLACE ON PROPERTY	

80.08

ADJUST JUNCTION BOX TO GRADE ⑬

SHEET	APPX STATION	APPX OFFSET (FT)	REMARKS
B3	12+55.3	32.7 RT	

60.04

FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (SINGLE PUMPER) ⑭

SHEET	STATION	OFFSET (FT)	REMARKS
B1	0+95	21.5 LT	
B1	4+22	20.7 LT	
B2	9+44	21.7 LT	

85.04

REMOVE AND SALVAGE SIGN ⑩

SHEET	APPX STATION	APPX OFFSET (FT)	SIGN TYPE	LEGEND	SIGN POST	REMARKS
B1	0+31.1	61.4 LT	D3-101	TASHA DR 2600	LUMINAIRE POLE	
			D3-101	FLAMINGO DR 8700		
	3+40.8	21.5 LT	D3-101	TASHA DR 2500	PERFORATED STEEL TUBE	
			D3-101	KATHLEEN DR 8700		
			R1-1	STOP		
B3	11+80.5	16.4 LT	R2-1	SPEED LIMIT 25	PERFORATED STEEL TUBE	
	12+35.2	22.7 RT	R1-1	STOP	PERFORATED STEEL TUBE	

NOTE: SALVAGE SIGNS TO BE RETURNED TO MUNICIPAL SIGN SHOP. CONTACT (907) 343-4384 TO COORDINATE DELIVERY.

75.14

TREE PROTECTION ZONE FENCING

SHEET	APPX BEGIN STATION	APPX BEGIN OFFSET (FT)	APPX END STATION	APPX END OFFSET (FT)	LENGTH (FT)	REMARKS
B1	0+12.5	26.5 RT	0+19.5	27.3 RT	7	
B1	2+77.2	24.3 RT	2+87.2	24.3 RT	10	
B2	6+46.7	28.6 RT	6+56.7	28.6 RT	10	
B2	6+54.8	24.0 LT	6+59.8	24.0 LT	5	
B2	6+59.8	24.0 LT	6+59.8	27.0 LT	3	
B2	6+92.5	31.0 RT	6+92.5	26.0 RT	5	
B2	6+92.5	26.0 RT	6+99.5	26.0 RT	7	
B2	7+59.5	31.0 RT	7+67.5	31.0 RT	8	
B2	7+67.5	31.0 RT	7+67.5	23.0 RT	8	
B2	7+67.5	23.0 RT	7+74.5	23.8 RT	7	
B2	7+74.5	23.8 RT	7+75.6	30.8 RT	7	
B3	11+56.4	26.7 LT	11+64.4	26.7 LT	8	

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

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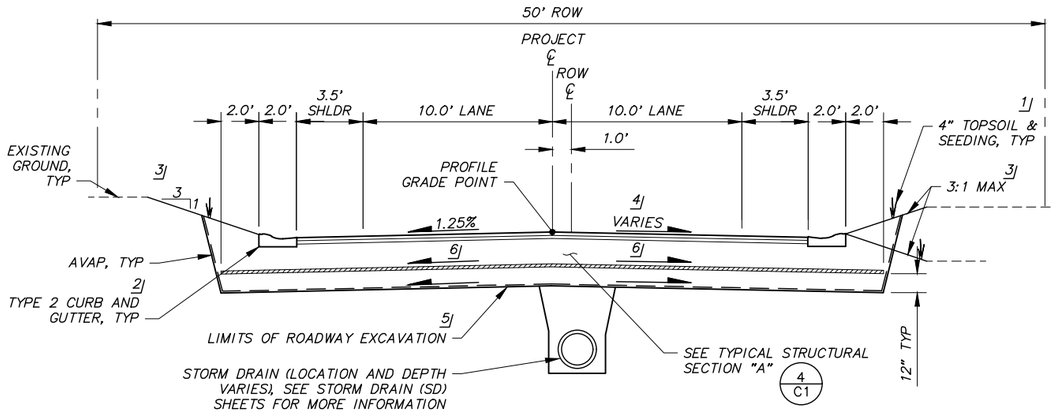
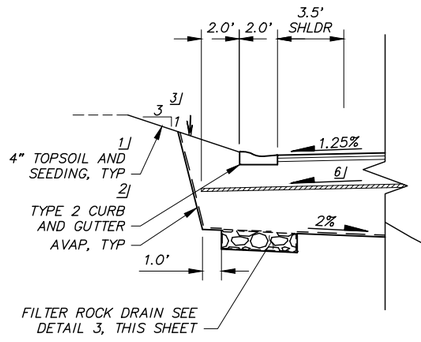
TYPICAL SECTION TABLE – TASHA DRIVE			
FROM STA	TO STA	ROADWAY SLOPE	
		LEFT	RIGHT
0+60	1+86	1.25%	2%
1+86	2+06	1.25%	TRANSITION TO 3.25%
2+06	5+33	1.25%	3.25%
5+33**	5+55	1.25%	TRANSITION TO 3.40%
5+55	6+40**	1.25%	TRANSITION TO 3.25%
6+40	9+80	1.25%	3.25%
9+80	10+20	1.25%	TRANSITION TO 2.00%
10+20	12+37*	1.25%	2.00%

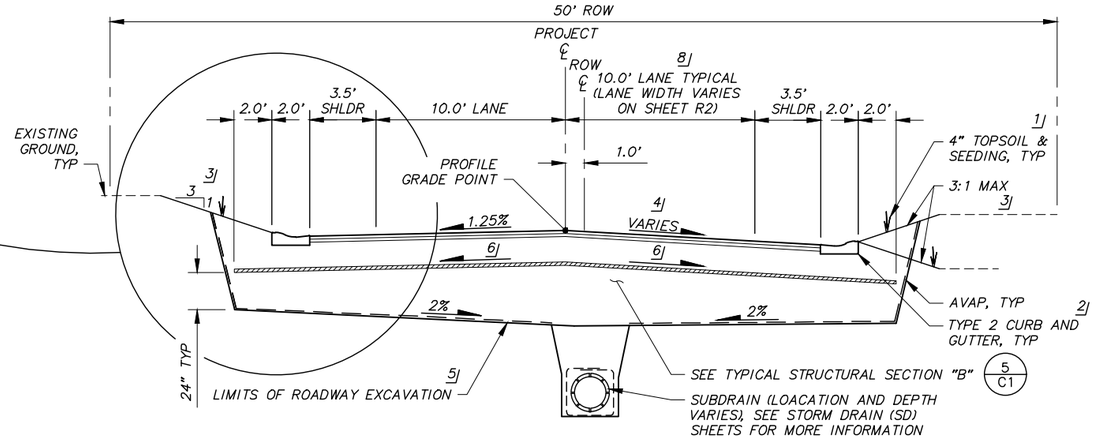
*SEE TYPICAL SECTION 2 ON SHEET C2 FOR TASHA DRIVE & NORTHWOOD STREET INTERSECTION TYPICAL SECTION.
**SEE LANE WIDENING POINT SUMMARY TABLE ON SHEET R2.



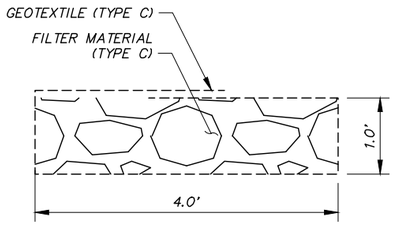
1 **TYPICAL SECTION - TASHA DRIVE** 7/
STA 0+60 TO STA 3+33



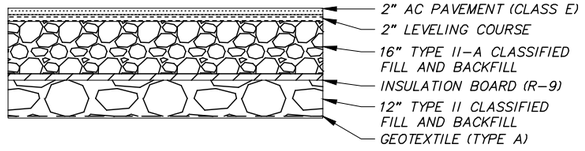
A2 **TYPICAL SECTION 'A2' TASHA DRIVE**
STA 4+00 TO STA 12+37



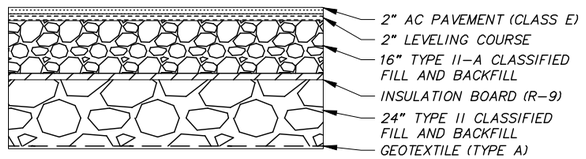
2 **TYPICAL SECTION - TASHA DRIVE** 7/
STA 3+33 TO 12+37



3 **FILTER ROCK DRAIN DETAIL**



4 **TYPICAL STRUCTURAL SECTION 'A'**
TASHA DRIVE



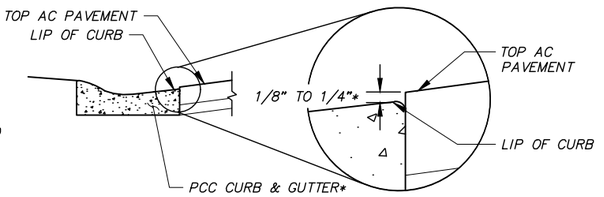
5 **TYPICAL STRUCTURAL SECTION "B"**
KATHLEEN & TASHA DRIVE

SHEET NOTES:

1. SEE TYPICAL SECTION TABLE, THIS SHEET, FOR STATION RANGES. THE STATION RANGES ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE ENGINEER.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 6, THIS SHEET.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT/FILL SLOPES ARE 3 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY, SEE DETAIL 4, SHEET C3. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. ROADWAY CROSS SLOPE VARIES. SEE TYPICAL SECTION TABLE, THIS SHEET.
5. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
6. INSULATION SLOPE SHALL MATCH ROADWAY CROSS SLOPE.
7. END R9 INSULATION IN LOCATIONS AS SHOWN ON THE ROADWAY PLAN & PROFILE SHEETS. INSTALL R4.5 INSULATION AND TRANSITION ROADWAY EXCAVATION PER DETAIL 1, SHEET D3.
8. SEE ROADWAY CURVE AND POINT TABLE, SHEET R2 FOR WHERE THE ROADWAY LANE WIDTH VARIES.



* TOP AC PAVEMENT SHALL BE AT SAME LEVEL AS LIP OF CURB FOR PCC CURB & GUTTER TYPE 1A AND TYPE 2A.

6 **CURB AND GUTTER & AC PAVEMENT EDGE DETAIL**

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   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

FIELD BOOKS	
DESIGN CRW BOOK No. 3796,	3825, 3831, 3832, & 3872
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

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REV	DATE	DESCRIPTION	BY

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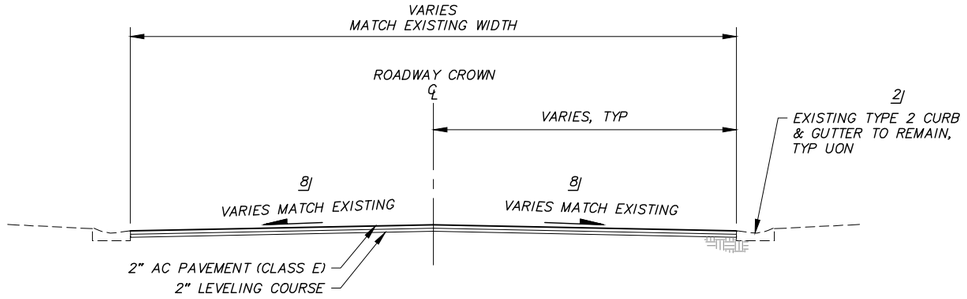
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

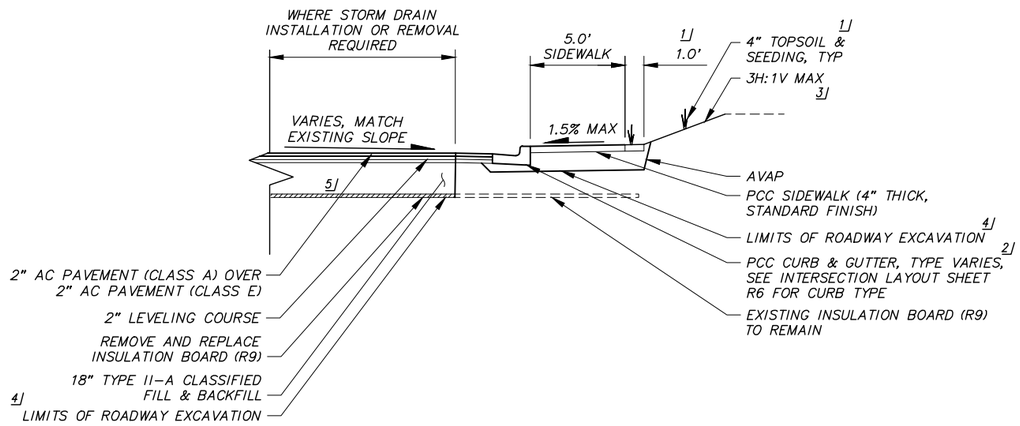
TYPICAL SECTIONS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET C1 of C3

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Typical Sections.dwg

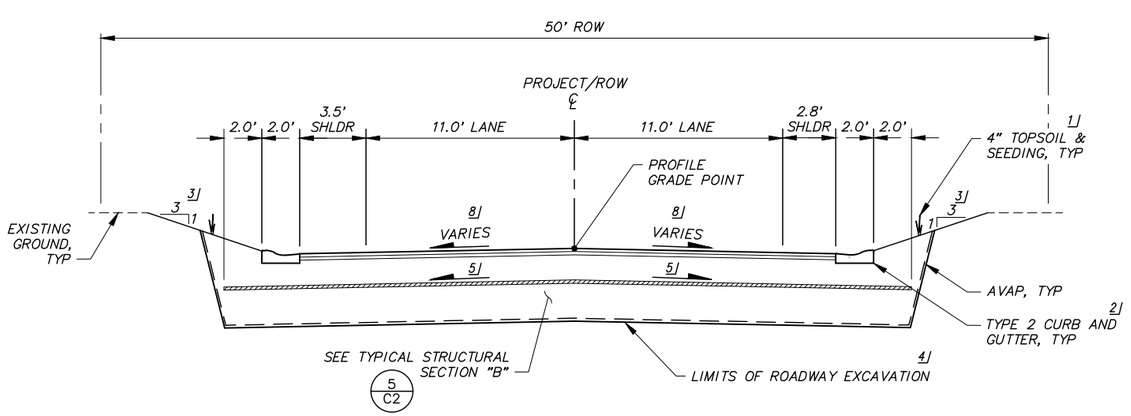


1 **TYPICAL SECTION - FLAMINGO DRIVE**



2 **TASHA DRIVE & NORTHWOOD STREET INTERSECTION** 6/

STA 12+37 TO STA 12+97



3 **TYPICAL SECTION - KATHLEEN DRIVE** 7/

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. TOP AC PAVEMENT SHALL BE 1/8" – 1/4" ABOVE LIP OF CURB, UNLESS OTHERWISE NOTED. SEE DETAIL 6, SHEET C1.
3. THE MAXIMUM (STEEPEST) AND TYPICAL CUT SLOPES ARE 3 (HORIZONTAL) : 1 (VERTICAL). FILL SLOPES MAY VARY ALONG ROADWAY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY, SEE DETAIL 4, SHEET C3. SEE ROADWAY SHEETS FOR LOCATIONS. THE ENGINEER MAY ADJUST THE TYPICAL SLOPES IN THE FIELD.
4. PRIOR TO PLACEMENT OF FILL, NATIVE MATERIAL SHALL BE SCARIFIED, PROOF-ROLLED AND COMPACTED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
5. INSULATION SLOPE SHALL MATCH ROADWAY CROSS SLOPE.
6. TRANSITION ROADWAY EXCAVATION FROM TASHA DRIVE TYPICAL SECTION PER DETAIL 1, SHEET D3.
7. END R9 INSULATION IN LOCATIONS AS SHOWN ON THE ROADWAY PLAN & PROFILE SHEETS. INSTALL R4.5 INSULATION AND TRANSITION ROADWAY EXCAVATION PER DETAIL 1, SHEET D3.
8. PAVEMENT CROSS SLOPE ON SIDE STREETS SHALL VARY AT INTERSECTIONS TO PROVIDE POSITIVE DRAINAGE. SEE ROADWAY (R) SHEETS FOR INTERSECTION LAYOUTS.

RECORD DRAWING

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DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

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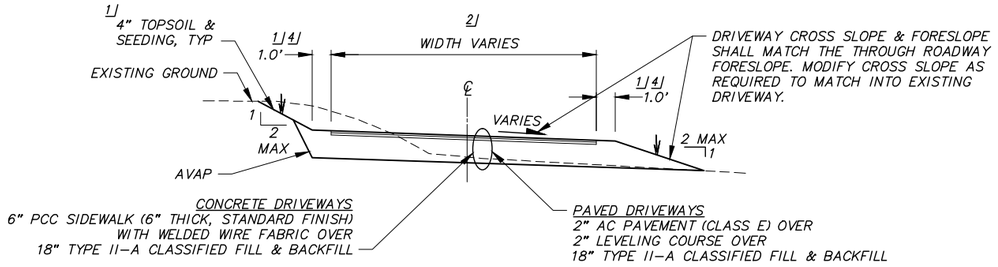
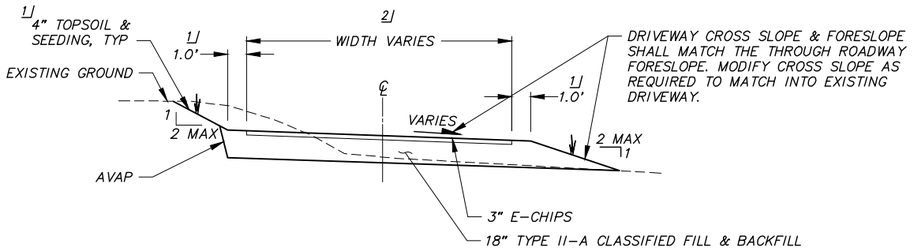
TYPICAL SECTIONS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET C2 of C3

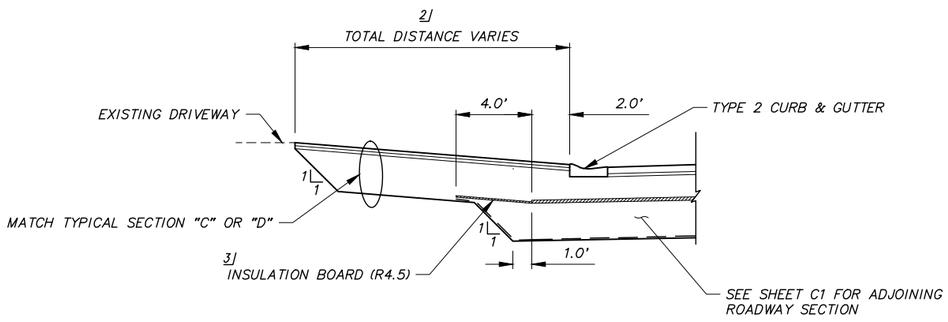
File: \\crweng.com\Projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Typical Sections.dwg



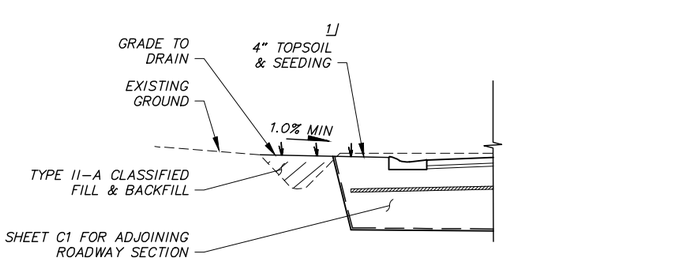
1 TYPICAL SECTION "C" - PAVED OR CONCRETE DRIVEWAY 2/3/



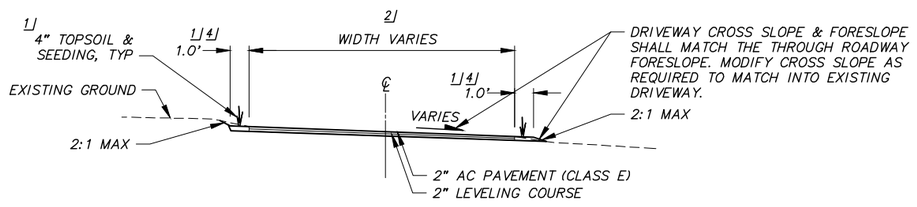
2 TYPICAL SECTION "D" - UNPAVED DRIVEWAY 2/3/



3 TYPICAL SECTION - DRIVEWAY CONNECTIONS



4 SPECIAL FILL GRADING AREAS



5 TYPICAL SECTION "E" - PAVED DRIVEWAY (FLAMINGO DRIVE) 2/

NOTES:

1. SEE SHEET C1 FOR ADJOINING ROADWAY SECTION.

#/ FOOT NOTES:

1. PLACE 4" OF TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS.
2. SEE RECONSTRUCT DRIVEWAY SUMMARY TABLE ON THE ROADWAY SUMMARY TABLE (T) SHEETS, DRIVEWAY RECONSTRUCTION PLANS & DRIVEWAY DETAILS FOR DRIVEWAY RECONSTRUCTION INFORMATION.
3. INSTALL INSULATION ADJACENT TO DRIVEWAY AND TRANSITION TO DRIVEWAY SECTION PER DETAIL 3, THIS SHEET. INSTALL INSULATION TO THE WIDTH OF DRIVEWAY AT THE BACK OF CURB INCLUDING SHOULDERS.
4. 1.0' SHOULDER NOT REQUIRED WHEN DRIVEWAY IS ADJACENT TO PAVED SURFACES.

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DATA TRANSFER CHECKED BY: _____ TITLE: _____
COMPANY: _____ DATE: _____
BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796,
3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537
03/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

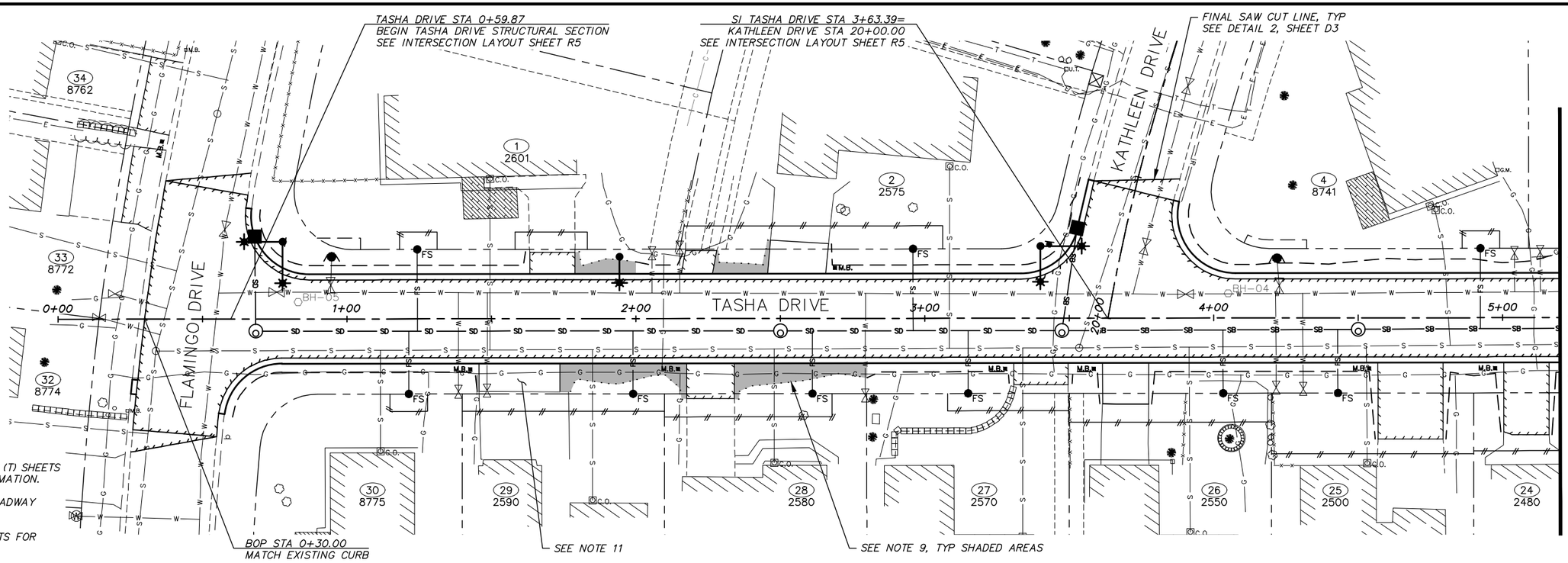
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

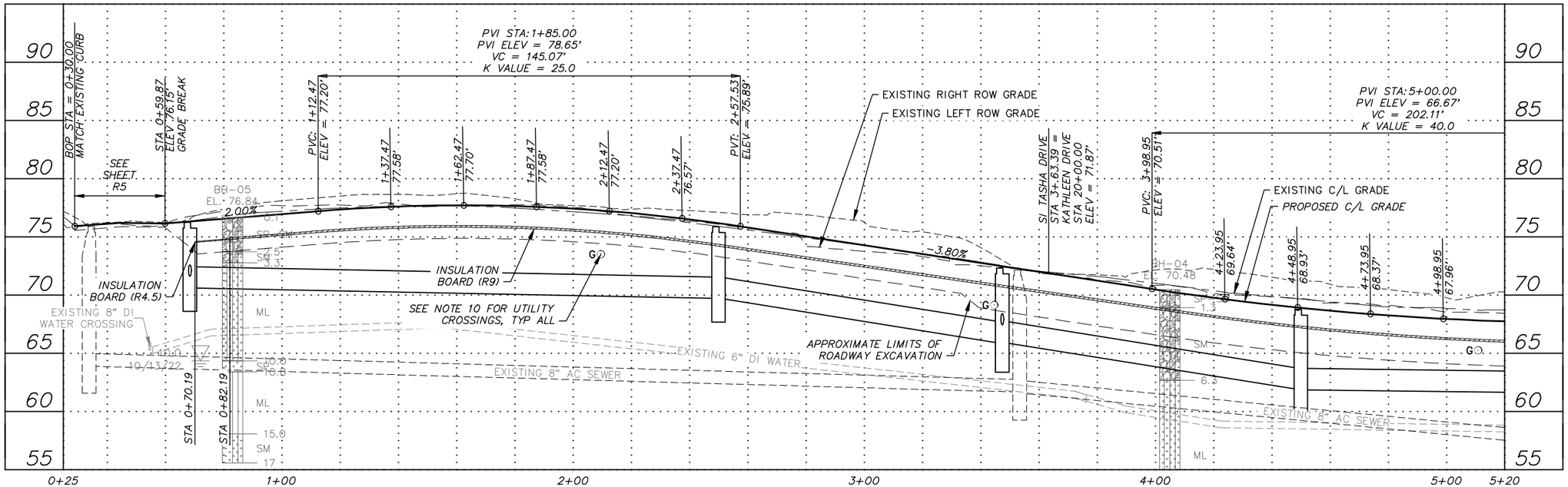
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

TYPICAL SECTIONS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET C3 of C3

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Typical Sections.dwg





NOTES:

1. SEE ROADWAY SUMMARY TABLE (T) SHEETS FOR DETAILED ROADWAY INFORMATION.
2. SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.
3. SEE TYPICAL SECTION (C) SHEETS FOR ROADWAY CROSS SECTIONS.
4. FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.
5. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.
6. SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.
7. SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.
8. THE DEMOLITION ITEMS REMOVED AS SHOWN ON THE DEMOLITION (B) SHEETS ARE NOT SHOWN FOR CLARITY.
9. GRADE AREA TO DRAIN TOWARDS ROADWAY PER DETAIL 4, SHEET C3. NOTIFY ENGINEER IMMEDIATELY IF MIN 1.0% POSITIVE GRADE TOWARD ROADWAY CANNOT BE MAINTAINED. THIS WORK SHALL BE INCIDENTAL TO CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.
10. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT EXISTING UTILITIES IN PLACE. CONTRACTOR SHALL SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.
11. INSTALL INSULATION BOARD (R-9) TO MATCH EXISTING INSULATION BOARD UNDER PARCEL 29 CONCRETE DRIVEWAY. DO NOT INSTALL DRIVEWAY STRUCTURAL SECTION OR INSULATION BOARD (R-4.5) BENEATH REPLACED CONCRETE DRIVEWAY.

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
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   COMPANY: _____ DATE: _____
   BY: _____

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BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA
49 TH
Christopher T. Koenen
CE-14537I
05/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED A&D
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY PLAN & PROFILE

TASHA DRIVE
BOP TO STA 5+20

SCALE HOR. 1"=20' VER. 1"=5' | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET R1 of R6

File: \\crweng.com\Projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 civil\10150.00 Plan & Profile - Roadway.dwg

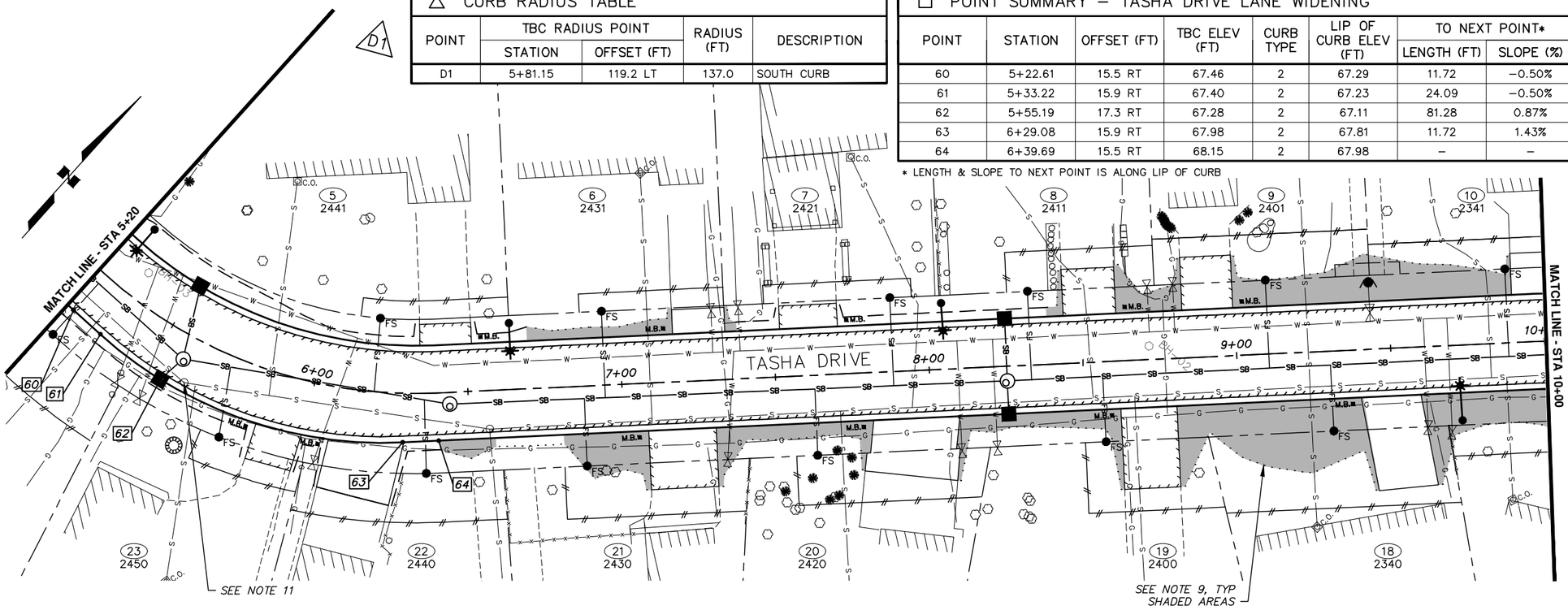
△ CURB RADIUS TABLE

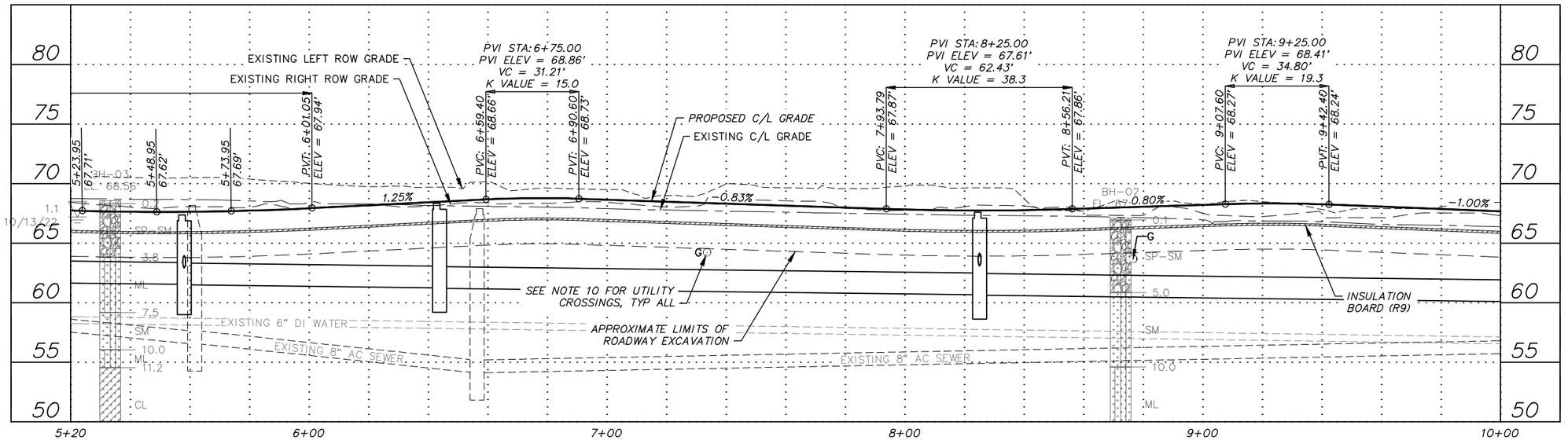
POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
D1	5+81.15	119.2 LT	137.0	SOUTH CURB

□ POINT SUMMARY – TASHA DRIVE LANE WIDENING

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TO NEXT POINT*		DESCRIPTION
						LENGTH (FT)	SLOPE (%)	
60	5+22.61	15.5 RT	67.46	2	67.29	11.72	−0.50%	END TYPICAL SECTION, BEGIN LANE WIDENING
61	5+33.22	15.9 RT	67.40	2	67.23	24.09	−0.50%	PC
62	5+55.19	17.3 RT	67.28	2	67.11	81.28	0.87%	CATCH BASIN
63	6+29.08	15.9 RT	67.98	2	67.81	11.72	1.43%	PT
64	6+39.69	15.5 RT	68.15	2	67.98	–	–	END LANE WIDENING, BEGIN TYPICAL SECTION

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB





NOTES:

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2. *SEE DETAIL (D) SHEETS FOR ROADWAY DETAILS.*
3. *SEE TYPICAL SECTION (C) SHEETS FOR ROADWAY CROSS SECTIONS.*
4. *FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.*
5. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.*
6. *SEE SURVEY CONTROL (V) SHEETS FOR PROJECT CENTERLINE ALIGNMENT DATA.*
7. *SEE ILLUMINATION (I) SHEETS FOR ROADWAY LIGHTING INFORMATION.*
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11. *TO ACCOMMODATE THE ROTATED MANHOLE CONE PER THE 50.06 SUMMARY TABLE ON SHEET T2, PERFORM THE FOLLOWING ADDITIONAL WORK PRIOR TO INSTALLING THE CURB AND GUTTER: REMOVE THE EXISTING LADDER RUNGS. FURNISH AND INSTALL SANITARY SEWER MANHOLE LADDER RUNGS IN ACCORDANCE WITH MASS STANDARD DETAILS 50-01 AND 50-06.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA — 49 TH — Christopher T. Koenen — CE-145371 — 03/17/26 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

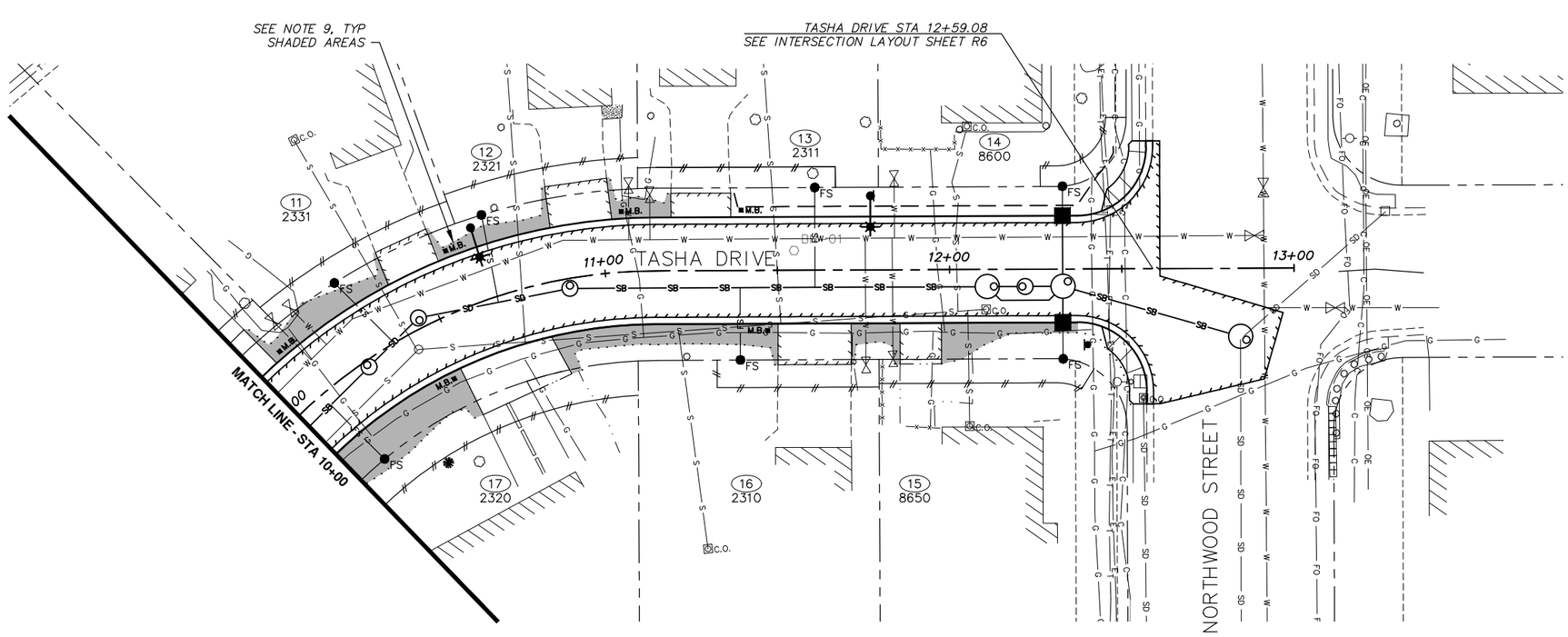
20-15 TASHA DRIVE SCHED A&D
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY PLAN & PROFILE

TASHA DRIVE
STA 5+20 TO 10+00

SCALE HOR. 1"=20' VER. 1"=5' | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET R2 of R6

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Plan & Profile - Roadway.dwg
10/13/25



NOTES:

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3. *SEE TYPICAL SECTION (C) SHEETS FOR ROADWAY CROSS SECTIONS.*
4. *FOR DETAILED SOILS INFORMATION, SEE THE SPECIFICATIONS.*
5. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS AND ELEVATIONS OF STORM DRAIN PIPES & STRUCTURES.*
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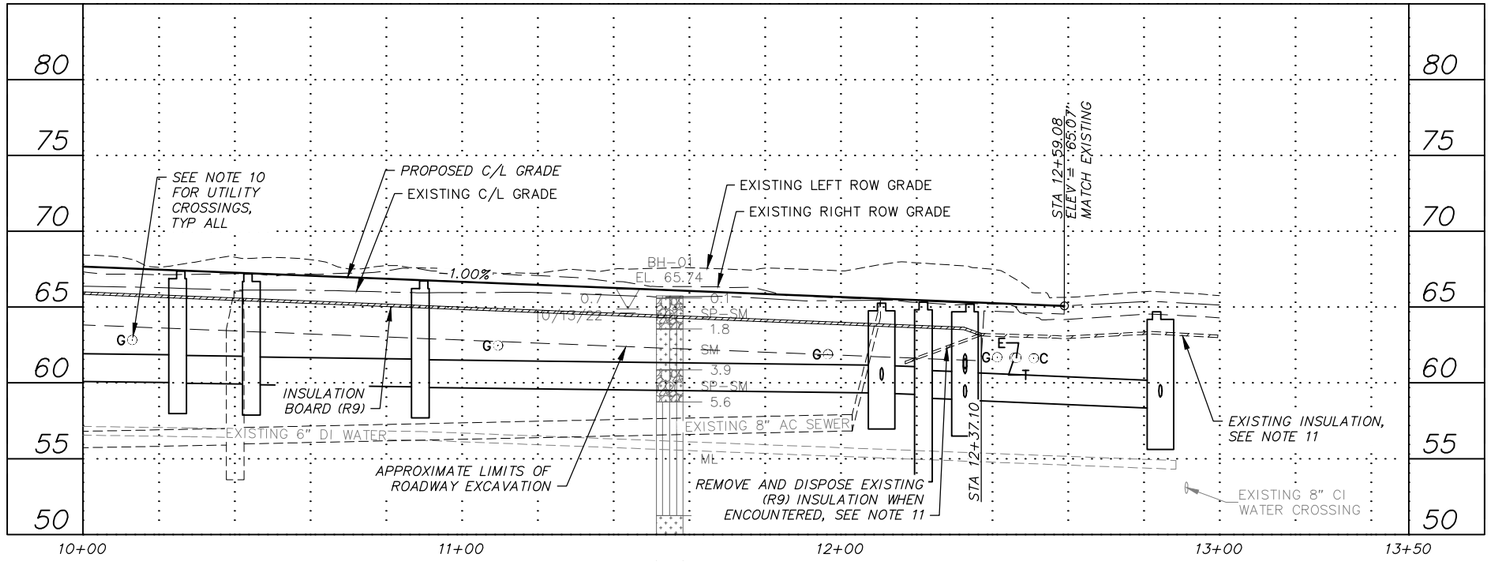
11. *REMOVE AND DISPOSE OF EXISTING INSULATION BOARD (R9) AS REQUIRED TO INSTALL STRUCTURAL SECTION AND STORM DRAIN IMPROVEMENTS. INSTALL PROPOSED INSULATION (R9) FLUSH WITH EXISTING INSULATION AS SHOWN IN PROFILE.*



RECORD DRAWING

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PLAN CHECK

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DESIGN	CK	JK
QUANTITIES	CK	JK
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MUNICIPAL/STATE	CK	JK

GRAPHIC 40 20 0 20 40 SCALE

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
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STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-145371
03/20/26
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

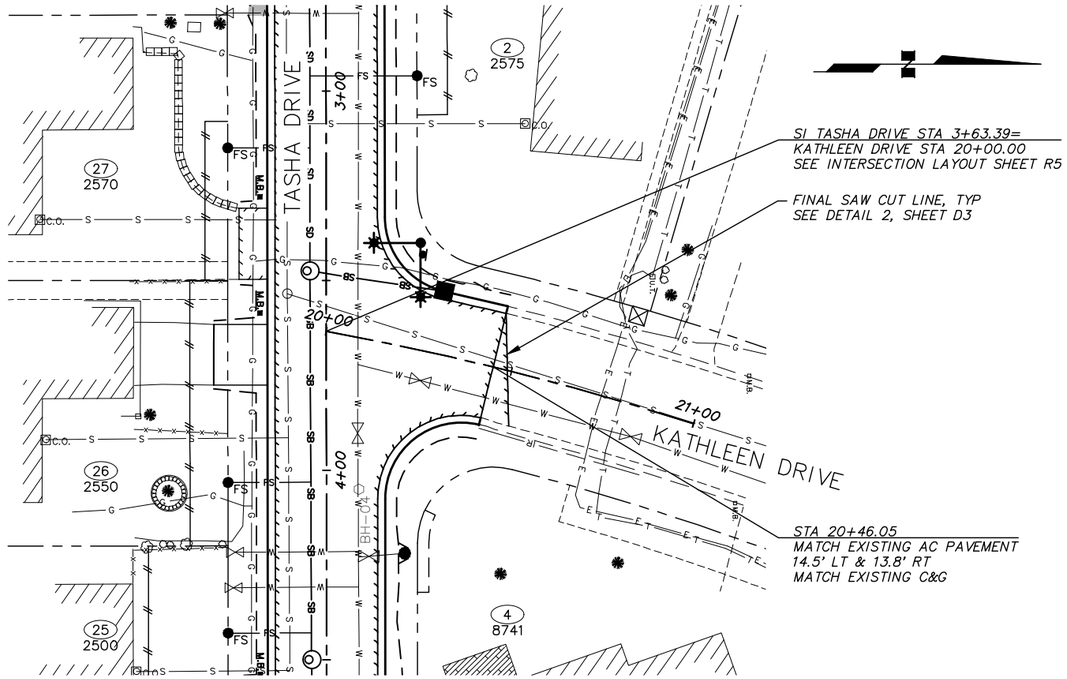
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

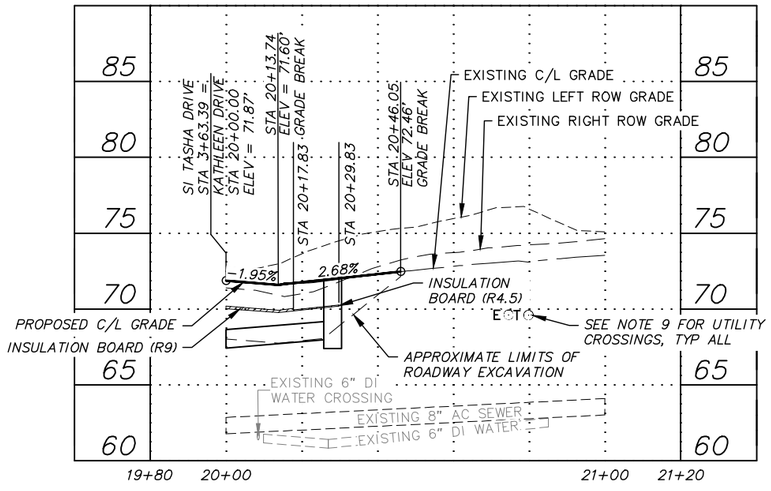
ROADWAY PLAN & PROFILE

TASHA DRIVE
STA 10+00 TO EOP

SCALE HOR. 1"=20' VER. 1"=5'
GRID SW2327
DATE MARCH 2026 STATUS FINAL
SHEET R3 of R6

File: J:\Jobs\Data\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Plan & Profile - Roadway.dwg





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RECORD DRAWING

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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
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GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CS-14537
03/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

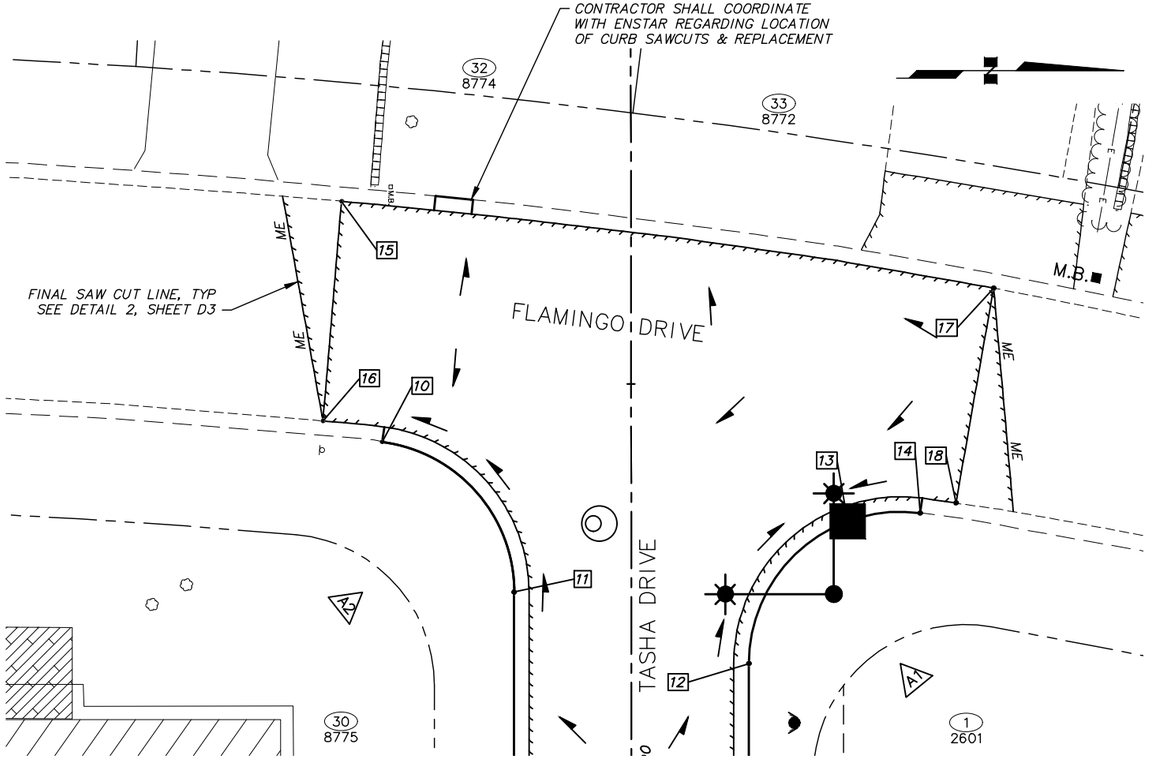
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

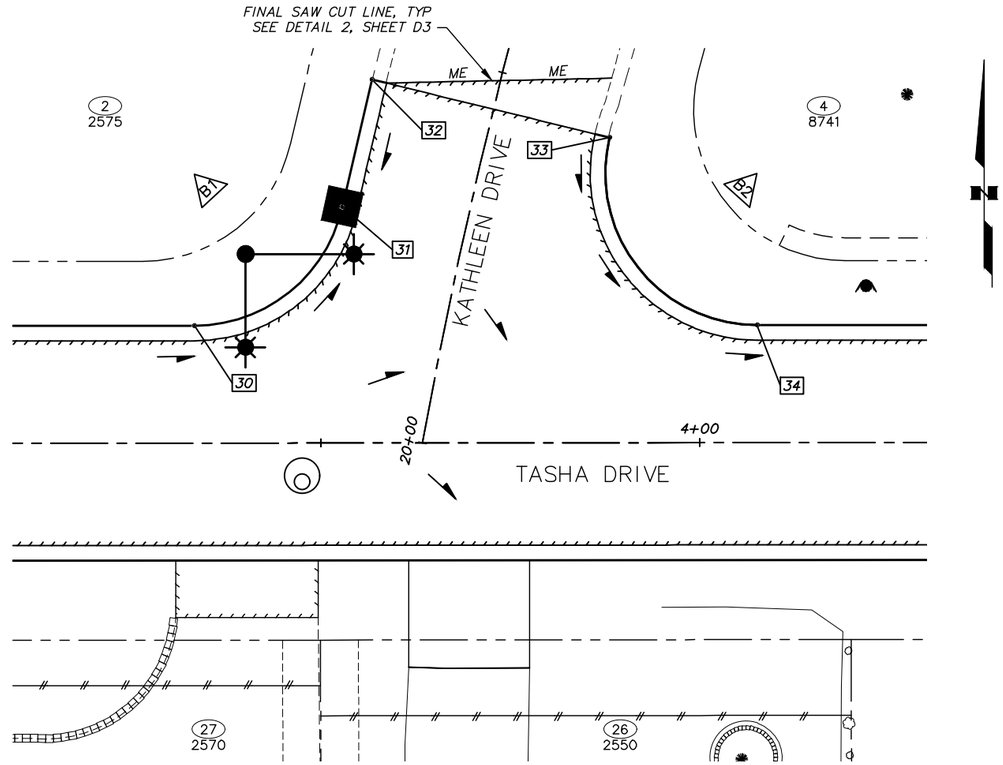
20-15 TASHA DRIVE SCHED A&D
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY PLAN & PROFILE

KATHLEEN DRIVE

SCALE HOR. 1"=20' VER. 1"=5'
GRID SW2327
DATE MARCH 2026 STATUS FINAL
SHEET R4 of R6





△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
A1	0+86.92	35.5 LT	20.0	FLAMINGO DRIVE
A2	0+77.46	35.5 RT	20.0	FLAMINGO DRIVE

NOTES

1. *SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.*
2. *SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.*
3. *SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.*
4. *PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.*
5. *LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.*

LEGEND

APPROXIMATE DIRECTION OF DRAINAGE FLOWS

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
B1	3+33.33	35.5 LT	20.0	KATHLEEN DRIVE
B2	4+07.57	35.5 LT	20.0	KATHLEEN DRIVE

☐ POINT SUMMARY – TASHA DRIVE AT FLAMINGO DRIVE

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
10	0+57.64	32.9 RT	76.02	2	75.36	–	31.64	1.25%	PC, ME
11	0+77.46	15.5 RT	76.40	2	76.23	–	–	–	PT
12	0+86.92	15.5 LT	76.70	2	76.53	–	26.77	–1.01%	PC
13	0+68.16	28.6 LT	76.44	2	76.27	–	10.70	1.00%	CATCH BASIN
14	0+67.10	38.1 LT	76.45	2	75.83	–	–	–	PT
15	0+25.90	38.2 RT	75.81	–	–	75.81	–	–	EDGE OF PAVEMENT MATCH EXISTING
16	0+54.85	40.7 RT	75.78	–	–	75.78	–	–	EDGE OF PAVEMENT MATCH EXISTING
17	0+37.44	47.9 LT	76.20	–	–	76.20	–	–	EDGE OF PAVEMENT MATCH EXISTING
18	0+65.76	42.9 LT	76.40	–	–	76.40	–	–	EDGE OF PAVEMENT MATCH EXISTING

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

☐ POINT SUMMARY – TASHA DRIVE AT KATHLEEN DRIVE

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
30	3+33.33	15.5 LT	73.03	2	72.86	–	29.76	–2.41%	PC
31	20+28.16	16.5 LT	72.32	2	72.15	–	17.20	2.00%	CATCH BASIN, PT
32	20+45.03	16.5 LT	72.69	2	72.47	–	–	–	MATCH EXISTING
33	20+45.03	15.8 RT	72.54	2	73.37	–	39.85	–5.88%	PC, MATCH EXISTING
34	4+07.57	15.5 LT	70.20	2	70.03	–	–	–	PT

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK
PLAN CHECK		

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			
CONSTRUCTION RECORD	VERTICAL DATUM		

REV	DATE	DESCRIPTION	BY
REVISIONS			

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK
CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CS-14537
03/17/26
REGISTERED PROFESSIONAL ENGINEER
SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

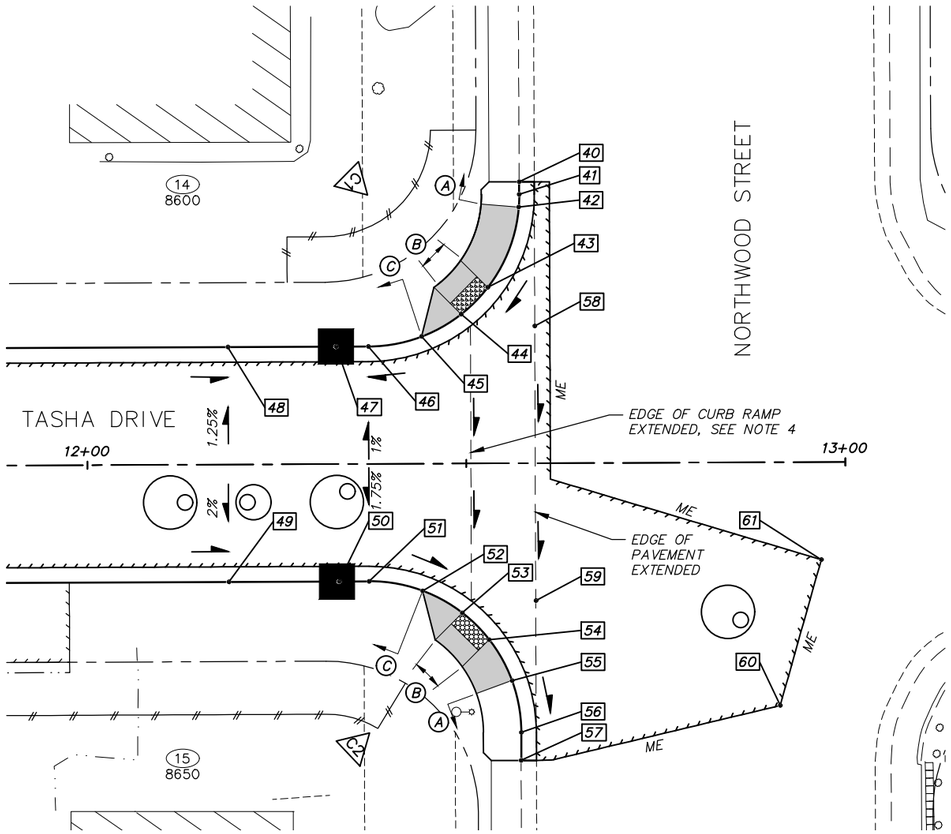
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

INTERSECTION LAYOUT PLAN

FLAMINGO DRIVE & KATHLEEN DRIVE

SCALE HOR. 1"=10'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET R5 of R6

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Intersection Layouts.dwg



DESIGNATION	CURB TYPE
A	TYPE 1 CURB
B	TYPE 1A CURB
C	TYPE 2 CURB

LEGEND

- APPROXIMATE DIRECTION OF DRAINAGE FLOWS
- PCC CURB RAMP
- DETECTABLE WARNING PANEL

△ CURB RADIUS TABLE

POINT	TBC RADIUS POINT		RADIUS (FT)	DESCRIPTION
	STATION	OFFSET (FT)		
C1	12+37.12	35.5 LT	20.0	NORTHWOOD STREET
C2	12+37.08	35.5 RT	20.0	NORTHWOOD STREET

NOTES

1. SEE ROADWAY (R) SHEETS FOR ROADWAY & SIDEWALK LOCATIONS.
2. SEE STORM DRAIN (SD) SHEETS FOR LOCATIONS & ELEVATIONS OF SD PIPES & STRUCTURES.
3. SEE SIGNING & STRIPING (S) SHEETS FOR LOCATIONS & TYPES OF SIGNS & TRAFFIC MARKINGS.
4. THE MAXIMUM CROSS-SLOPE BETWEEN EDGE OF PAVEMENT EXTENDED AND EDGE OF CURB RAMP EXTENDED SHALL BE 2%. IF A 2% CROSS-SLOPE CANNOT BE MAINTAINED NOTIFY ENGINEER PRIOR TO INSTALLATION OF AC PAVEMENT.
5. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
6. SEE DETAIL (D) SHEETS FOR CURB RAMP DETAILS.
7. LIP OF CURB IS FRONT OF CURB AND GUTTER AT EDGE OF PAVEMENT.

☐ POINT SUMMARY – TASHA DRIVE AT NORTHWOOD STREET

POINT	STATION	OFFSET (FT)	TBC ELEV (FT)	CURB TYPE	LIP OF CURB ELEV (FT)	TOP AC ELEV (FT)	TO NEXT POINT*		DESCRIPTION
							LENGTH (FT)	SLOPE (%)	
40	12+57.13	37.2 LT	66.31	1	65.90	–	1.66	–1.53%	MATCH EXISTING
41	12+57.11	35.5 LT	66.27	1	65.87	–	1.88	–1.53%	PT
42	12+57.05	33.8 LT	66.24	1	65.84	–	12.63	–1.53%	BEGIN RAMP
43	12+52.92	23.2 LT	65.65	1A	65.65	–	5.51	–1.00%	END RAMP, BEGIN LANDING
44	12+49.38	19.7 LT	65.59	1A	65.59	–	6.60	–3.00%	END LANDING, BEGIN FLARE
45	12+44.17	16.8 LT	65.47	2	65.30	–	7.92	–3.00%	END FLARE
46	12+37.12	15.5 LT	65.33	2	65.16	–	4.26	–3.71%	PC
47	12+32.86	15.5 LT	65.17	2	65.00	–	14.27	2.17%	CATCH BASIN
48	12+18.59	15.5 LT	65.48	2	65.31	–	–	–	BEGIN ROADWAY CROSS SLOPE CHANGE
49	12+18.59	15.5 RT	65.38	2	65.21		14.27	–1.18%	BEGIN ROADWAY CROSS SLOPE CHANGE
50	12+33.15	15.5 RT	65.21	2	65.04	–	4.22	–1.18%	CATCH BASIN
51	12+37.08	15.5 RT	65.16	2	64.99	–	7.95	–4.27%	PC
52	12+44.15	16.8 RT	64.73	2	64.56	–	6.60	–4.27%	BEGIN FLARE
53	12+49.36	19.7 RT	64.37	1A	64.37	–	5.51	–1.09%	END FLARE, BEGIN LANDING
54	12+52.89	23.3 RT	64.31	1A	64.31	–	6.79	–3.98%	END LANDING, BEGIN RAMP
55	12+55.89	28.7 RT	64.43	1	64.03	–	7.72	–3.48%	END RAMP
56	12+57.08	35.5 RT	64.17	1	63.77	–	3.71	–3.56%	PT
57	12+57.05	39.2 RT	64.02	1	63.64	–	–	–	MATCH EXISTING
58	12+59.09	18.1 LT	–	–	–	65.49	–	–	EDGE OF PAVEMENT EXTENDED
59	12+59.09	18.1 RT	–	–	–	64.42	–	–	EDGE OF PAVEMENT EXTENDED
60	12+91.28	32.1 RT	–	–	–	64.15	–	–	EDGE OF PAVEMENT MATCH EXISTING
61	12+96.78	12.9 RT	–	–	–	64.76	–	–	EDGE OF PAVEMENT MATCH EXISTING

* LENGTH & SLOPE TO NEXT POINT IS ALONG LIP OF CURB

RECORD DRAWING

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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 20 10 0 10 20

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
03/20/26
REGISTERED PROFESSIONAL ENGINEER

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MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
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PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

INTERSECTION LAYOUT PLAN

NORTHWOOD STREET

SCALE HOR. 1"=10' VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET R6 of R6

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20.28

RECONSTRUCT DRIVEWAY

SHEET	PARCEL	CENTERLINE REFERENCE		DRIVEWAY WIDTH AT CURB (FT)	DRIVEWAY WIDTH AT ROW (FT)	SKEW ANGLE (DEGREES)	LANDING LENGTH (FT)	LANDING GRADE	TOTAL DISTANCE (FT)	EXISTING GRADE AT TIE-IN	PROPOSED GRADE	SURFACE TYPE ON PROPERTY	REMARKS
		STATION	OFFSET										
R1	33	N: 312615.2, E: 304745.8		28.5	N/A	N/A	N/A	N/A	10.9	N/A	N/A	ASPHALT	RESURFACE PER TYPICAL SECTION "E", SHEET C3
R1	34	N: 312646.9, E: 340751.8		25.5	N/A	N/A	N/A	N/A	11.2	N/A	N/A	ASPHALT	RESURFACE PER TYPICAL SECTION "E", SHEET C3
R1	29	1+59.7	RT	28.0	N/A	90	9.7	1.2%	9.7	1.5%	1.2%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT SEE NOTE 11, SHEET R1
R1	1	1+71.1	LT	15.6	N/A	−90	N/A	N/A	7.5	11.7%	8.2%	ASPHALT	
R1	2 WEST	2+21.0	LT	10.8	N/A	−79	N/A	N/A	8.2	3.5%	4.3%	ASPHALT	
R1	28	2+25.8	RT	16.6	16.6	90	12.2	1.0%	12.2	2.3%	1.0%	ASPHALT	
R1	2 EAST	2+55.7	LT	20.1	20.2	−85	N/A	N/A	11.0	12.9%	10.9%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R1	27	3+40.0	RT	18.8	N/A	90	7.5	0.5%	7.5	−4.6%	0.5%	ASPHALT	
R1	26	3+69.5	RT	16.0	16.0	90	14.2	0.8%	14.2	−4.7%	0.8%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R1	25	4+68.3	RT	22.6	22.6	90	26.4	1.5%	26.4	6.6%	1.5%	ASPHALT	
R1	24	5+08.3	RT	15.7	15.7	90	24.9	0.6%	24.9	−3.8%	0.6%	ASPHALT	RECONSTRUCT TO CONCRETE
R2	23	5+92.6	RT	15.2	15.2	92	11.9	1.9%	11.9	−3.2%	1.9%	ASPHALT	
R2	22	6+18.4	RT	24.6	24.3	99	18.0	−1.0%	18.0	−4.8%	−1.0%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R2	5	6+43.6	LT	16.8	N/A	−90	N/A	N/A	7.0	13.6%	12.6%	ASPHALT	
R2	21	7+19.0	RT	22.0	22.0	90	19.1	1.0%	19.1	3.3%	1.0%	ASPHALT	
R2	6	7+25.7	LT	17.0	N/A	−90	N/A	N/A	8.0	8.6%	4.1%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R2	7	7+61.5	LT	18.8	N/A	−90	N/A	N/A	7.5	16.1%	15.7%	ASPHALT	
R2	20	7+95.2	RT	28.0	30.3	99	9.7	2.0%	18.7	5.8%	5.2%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R2	8	8+52.7	LT	17.1	17.1	−90	15.1	1.0%	15.1	4.7%	1.0%	ASPHALT	
R2	19	8+70.7	RT	18.2	18.2	90	26.2	1.0%	26.2	3.1%	1.0%	ASPHALT	
R2	9	8+91.2	LT	16.5	16.5	−90	N/A	N/A	17.2	13.4%	7.5%	ASPHALT	
R2	18	9+49.5	RT	19.4	19.4	82	30.3	1.8%	30.3	7.4%	1.8%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R2	10	9+98.1	LT	16.2	16.2	−90	N/A	N/A	13.5	13.0%	10.8%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT
R3	11	10+48.7	LT	16.1	16.1	−86	N/A	N/A	9.9	17.3%	11.7%	ASPHALT	
R3	17 WEST	10+57.6	RT	15.2	15.7	85	N/A	N/A	14.9	7.5%	5.1%	CONCRETE	RECONSTRUCT TO CONCRETE JOINT & PROVIDE CONCRETE JOINTS TO MATCH EXISTING CONCRETE JOINTS, VERIFY LAYOUT IN THE FIELD WITH THE ENGINEER
R3	17 EAST	10+73.4	RT	12.8	12.9	79	N/A	N/A	13.5	10.9%	7.9%	GRAVEL	RECONSTRUCT WITH CONCRETE FROM BACK OF CURB TO PROPERTY LINE
R3	12	10+94.9	LT	18.1	18.1	−90	N/A	N/A	11.8	16.1%	10.2%	ASPHALT	
R3	13	11+27.8	LT	17.3	N/A	−90	N/A	N/A	7.0	12.9%	11.1%	ASPHALT	
R3	16	11+60.8	RT	21.3	21.3	90	N/A	N/A	11.9	11.2%	5.6%	ASPHALT	
R3	15	11+91.5	RT	12.0	12.0	90	11.9	1.4%	11.9	3.6%	1.4%	GRAVEL	RECONSTRUCT WITH ASPHALT FROM BACK OF CURB TO PROPERTY LINE

RECONSTRUCT DRIVEWAY NOTES:

1. *"SKEW ANGLE" ("+" IS CLOCKWISE AND "−" IS COUNTER CLOCKWISE) IS MEASURED FROM PROJECT CENTERLINE WITH 0 DEGREES ALIGNED ALONG INCREASING STATIONS.*
2. *"TOTAL DISTANCE" IS THE LIMIT OF RECONSTRUCTION BEGINNING AT THE BACK OF CURB & GUTTER.*
3. *"PROPOSED GRADE" IS APPROXIMATE GRADE FROM THE BACK OF CURB & GUTTER TO THE LIMIT OF RECONSTRUCTION. ACTUAL CONSTRUCTION GRADE MAY VARY.*
4. *WIDTHS, LENGTHS & GRADES PRESENTED IN THE DRIVEWAY SUMMARY TABLE ARE MEASURED ALONG SKEW ANGLE AND MAY NOT BE PERPENDICULAR TO ROADWAY CENTERLINE ALIGNMENT.*
5. *MATCH EXISTING DRIVEWAY WIDTH AT LIMITS OF DRIVEWAY RECONSTRUCTION, UNLESS OTHERWISE SHOWN. WIDTH OF DRIVEWAY AS SHOWN IN SUMMARY TABLE SHALL EXTEND TO BACK OF CURB ALONG SKEW ANGLE.*
6. *DRIVEWAYS TO BE CONSTRUCTED PER DETAIL 3 ON SHEET D3, UON.*

30.04

P.C.C. CURB RAMP (6" THICK) & DETECTABLE WARNINGS

SHEET	APPX STATION	APPROX OFFSET (FT)	CURB RAMP AREA (SY)	DETECTABLE WARNING AREA (SF)	CURB RAMP TYPE	REMARKS
R3	12+51	21.4 LT	10	10	PARALLEL	NORTHWOOD STREET
R3	12+51	21.4 RT	8	10	PARALLEL	NORTHWOOD STREET

PCC CURB RAMP & DETECTABLE WARNING NOTES:

1. *SEE INTERSECTION LAYOUT SHEET R6 FOR FOR LOCATIONS OF CURB RAMPS AND DETECTABLE WARNINGS.*

50.09

ADJUST CLEANOUT TO FINISH GRADE

SHEET	STATION	OFFSET (FT)	REMARKS
R3	12+11	11.6 RT	

55.15

ADJUST STORM DRAIN CLEANOUT TO FINISH GRADE

SHEET	STATION	OFFSET (FT)	REMARKS
R3	12+56	37.5 RT	

RECORD DRAWING

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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
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TOPOGRAPHY	SB	AR
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CONSTRUCTION RECORD

FIELD BOOKS
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537I
03/20/26
REGISTERED PROFESSIONAL ENGINEER

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
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20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET T1 of T2

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Roadway Summary Tables.dwg

30.02

P.C.C. CURB AND GUTTER (ALL TYPES)

SHEET	STATION TO STATION	OFFSET	LENGTH (FT)	REMARKS
R1	0+25.2 TO 0+25.7	RT	5	FLAMINGO DRIVE
R1	0+57.4 TO 5+20.0	RT	472	INCLUDES FLAMINGO DRIVE
R1	0+67.1 TO 3+56.8	LT	325	INCLUDES FLAMINGO DRIVE AND KATHLEEN DRIVE
R1	3+88.2 TO 5+20.0	LT	149	INCLUDES KATHLEEN DRIVE
R2	5+20.0 TO 10+00.0	RT	494	
R2	5+20.0 TO 10+00.0	LT	469	
R3	10+00.0 TO 12+57.1	RT	261	INCLUDES NORTHWOOD STREET
R3	10+00.0 TO 12+57.1	LT	283	INCLUDES NORTHWOOD STREET

30.03

P.C.C. SIDEWALK (STANDARD FINISH)

SHEET	APPX BEGIN STA	APPX OFFSET (FT)	APPX END STA	APPX OFFSET (FT)	4" THICK AREA (SY)	6" THICK AREA (SY)	REMARKS
R1	1+45.7	20.0 RT	1+73.7	20.0 RT		31	PARCEL 29 DRIVEWAY
R1	2+46.2	21.3 LT	2+66.3	20.7 LT		25	PARCEL 2 DRIVEWAY
R1	3+61.6	22.5 RT	3+77.5	22.5 RT		26	PARCEL 26 DRIVEWAY
R2	6+06.9	25.0 RT	6+27.5	26.0 RT		49	PARCEL 22 DRIVEWAY
R2	7+17.2	19.8 LT	7+34.3	19.8 LT		17	PARCEL 6 DRIVEWAY
R2	7+80.6	20.0 RT	8+08.2	22.5 RT		60	PARCEL 20 DRIVEWAY
R2	9+42.3	30.0 RT	9+61.3	30.0 RT		64	PARCEL 18 DRIVEWAY
R2/R3	9+90.1	22.2 LT	10+05.2	22.3 LT		25	PARCEL 10 DRIVEWAY
R3	10+49.4	23.0 RT	10+82.2	21.0 RT		41	PARCEL 17 DRIVEWAYS
R3	12+53.5	29.5 RT	12+55.1	39.2 RT	6		
R3	12+54.6	34.0 LT	12+55.1	37.2 LT	2		

SPECIAL FILL GRADING TABLE

SHEET	APPROX BEGIN STATION	APPROX END STATION	OFFSET	REMARKS
R1	1+74	2+80	RT	
R1	1+79	2+00	LT	
R1	2+28	2+47	LT	
R2	6+40	6+58	RT	
R2	6+70	7+38	LT	
R2/R3	6+80	12+37	RT	
R2/R3	8+39	11+19	LT	

SPECIAL FILL GRADING NOTES:

1. *SPECIAL FILL GRADING SHALL BE PER DETAIL 4, SHEET C3.*
2. *LOCATIONS ARE APPROXIMATE, CONTRACTOR SHALL MODIFY LOCATIONS IN THE FIELD PER THE DIRECTION OF THE ENGINEER OR AS NECESSARY TO PROVIDE POSITIVE DRAINAGE TOWARD ROADWAY. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE.*

50.06

REMOVE AND REPLACE MANHOLE CONE SECTION OR MANHOLE COVER AND FRAME

SHEET	STATION	OFFSET (FT)	CONE SECTION	COVER AND FRAME	REMARKS
R1	0+34	11.1 RT		X	
R1	3+53	10.3 RT		X	
R2	5+62	14.6 RT	X		ROTATE CONE NORTH
R2	6+56	12.5 RT		X	
R3	10+40	5.2 RT	X		

REMOVE AND REPLACE MANHOLE CONE SECTION OR REMOVE AND REPLACE MANHOLE COVER AND FRAME NOTES:

1. *SEE MASS DETAIL 50-05, 50-25 AND 50-26.*
2. *COORDINATE WITH ENGINEER IN FIELD TO VERIFY WHETHER CONE OR MANHOLE COVER AND FRAME ADJUSTMENT IS REQUIRED.*
3. *PER THE SECTION 50.06 SPECIAL PROVISIONS THE REMOVE AND REPLACE MANHOLE CONE SECTION PAY ITEM INCLUDES REMOVING AND REPLACING THE MANHOLE COVER AND FRAME. SEE SECTION 50.06 SPECIAL PROVISIONS FOR A COMPLETE LIST OF INCIDENTAL ITEMS.*

60.04

FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (SINGLE PUMPER)

SHEET	STATION	OFFSET (FT)	REMARKS
R1	0+95	21.5 LT	
R1	4+22	20.7 LT	
R2	9+44	21.7 LT	

FURNISH AND INSTALL FIRE HYDRANT ASSEMBLY (SINGLE PUMPER) NOTES:

1. *INSTALL FIRE HYDRANT PER MASS STANDARD DETAIL 60-10.*

60.03 & 60.05

REMOVE AND REPLACE VALVE BOX TOP SECTION & ADJUST KEY BOX

SHEET	STATION	OFFSET (FT)	KEY BOX	VALVE BOX TOP SECTION	REMARKS
R1	0+58	31.0 LT		X	
R1	0+76	9.3 LT		X	
R1	0+94	11.6 LT		X	
R1	1+49	24.8 RT	X		
R1	3+76	24.8 LT		X	
R1	3+90	8.3 LT		X	
R1	4+23	11.2 LT		X	
R2	7+30	22.6 LT	X		
R2	7+33	26.0 RT	X		
R2	8+09	26.7 RT	X		
R2	9+44	11.9 LT		X	
R2	9+61	26.3 RT	X		
R2	9+69	28.2 RT	X		

REMOVE AND REPLACE VALVE BOX TOP SECTION NOTES:

1. *SEE MASS DETAIL 60-08 AND 60-16.*

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PLAN CHECK

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BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
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TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS	
DESIGN	CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

VERTICAL DATUM

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

REVISIONS

REV	DATE	DESCRIPTION	BY

CONSULTANT
CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL
STATE OF ALASKA
49 TH
Christopher T. Koenen
CS-145371
03/17/26
REGISTERED PROFESSIONAL ENGINEER

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED A&D
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET T2 of T2

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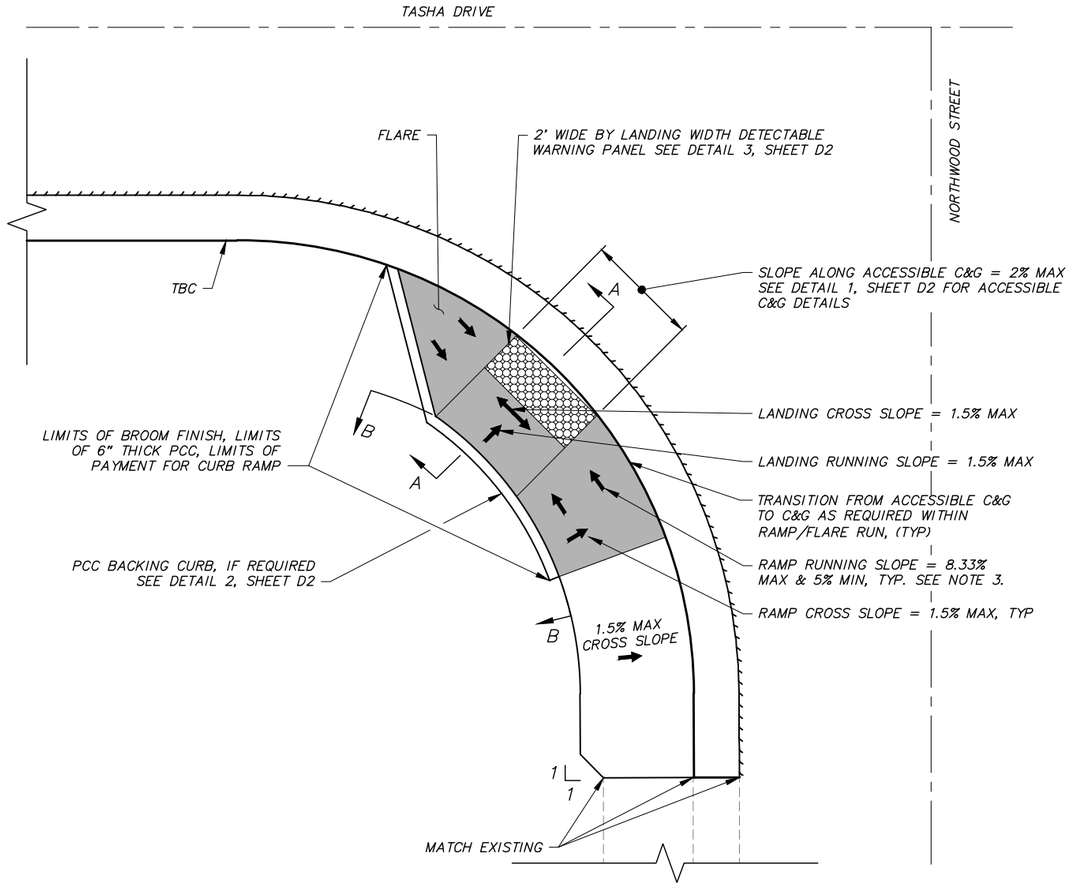
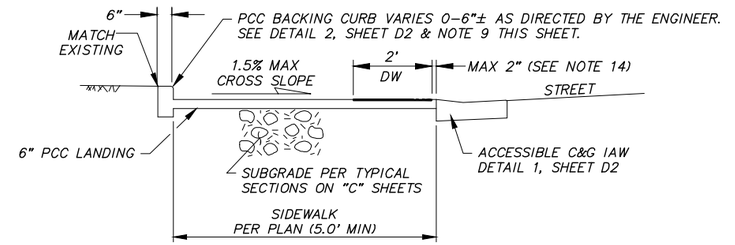


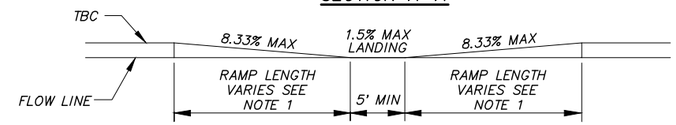
TYPICAL PARALLEL CURB RAMP AT CORNER LOCATION WITHOUT CONNECTING SIDE STREET SIDEWALK - PLAN VIEW

1

SCALE: NTS



SECTION A-A



SECTION B-B

TYPICAL CURB RAMP SECTIONS

2

SCALE: NTS

SHEET NOTES:

1. SEE R SHEETS FOR CURB RAMP TYPES, LOCATIONS, RAMP, LANDING AND FLARE LENGTHS AND ELEVATIONS. RAMP/FLARE/LANDING LENGTH FOR PARALLEL CURB RAMPS SHALL BE AS MEASURED OFF THE BACK OF CURB RAMP.
2. NOTIFY ENGINEER PRIOR TO INSTALLATION OF CONCRETE IF MAXIMUM/MINIMUM SLOPES CANNOT BE MAINTAINED.
3. FOR PARALLEL CURB RAMPS, RAMPS SHALL BE 15 FEET MAXIMUM. RAMPS SHALL HAVE THE OUTSIDE EDGES AND JOINTS TRIMMED WITH A 1/4-INCH RADIUS EDGING TOOL.
4. ALL SLOPES ARE IN REFERENCE TO THE HORIZONTAL.
5. MINIMUM FLOWLINE SLOPE IN CURB RETURN IS 0.5%, UNLESS OTHERWISE NOTED.
6. PROVIDE CONSTANT FLOWLINE BETWEEN CHANGE IN CURB TYPE.
7. CONSTRUCT SIDEWALK ADJACENT TO CURB RAMP PER THE TYPICAL SECTIONS SHOWN ON THE "C" SHEETS.
8. PAYMENT FOR ALL PCC CURB AND GUTTER, INCLUDING MODIFIED AND TRANSITIONAL CURB, SHALL BE PAID UNDER THE BID ITEM "P.C.C. CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.
9. FORM BACKING CURB AS DIRECTED BY THE ENGINEER TO MATCH EXISTING GROUND. PAYMENT FOR THIS CURB SHALL BE MADE UNDER THE BID ITEM "P.C.C. CURB RAMP (6" THICK)" AND NO ADDITIONAL PAYMENT SHALL BE MADE. IF EXISTING GROUND BEHIND SIDEWALK IS GRAVEL OR GRASS, GRADE TO MATCH EXISTING GROUND. PAYMENT FOR GRADING SHALL BE MADE UNDER THE BID ITEM "P.C.C. CURB RAMP (6" THICK)" AND NO ADDITIONAL PAYMENT SHALL BE MADE. 4" TOPSOIL AND SEEDING (SCHEDULE A) SHALL BE PLACED ON DISTURBED GRASS AREAS.
10. CONSTRUCT RAMPS AND LANDINGS WITH A BROOM FINISH RUNNING PERPENDICULAR TO THE DIRECTION OF TRAVEL.
11. INSTALL YELLOW ADA APPROVED DETECTABLE WARNINGS (DW) PANELS UNLESS OTHERWISE NOTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND THESE DRAWINGS. SET DETECTABLE WARNINGS SO THAT THE FIELD AREA AT THE BASE OF THE DOMES IS FLUSH WITH THE SURROUNDING CONCRETE. THERE SHALL BE NO LIP AT THE EDGE OF THE DETECTABLE CURB WARNINGS. SEE DETAIL 3, SHEET D2.
12. DETECTABLE WARNINGS DOMES AT PARALLEL CURB RAMPS SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINATE DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
13. RAMP LOCATIONS MAY BE ADJUSTED TO ENSURE MINIMUM 48" CLEARANCE AROUND APPURTENANCES SUCH AS SIGNAL POLES, POWER POLES, LIGHT POLES, J-BOXES, SIGNS, CATCH BASINS AND MANHOLES. PRIOR TO PLACEMENT OF CONCRETE AND APPURTENANCES, THE RAMP LAYOUT AND LOCATION SHALL BE APPROVED BY THE ENGINEER.
14. THE DETECTABLE WARNING PANEL SURFACE SHALL SPAN THE FULL WIDTH OF THE CURB RAMP. GAP BETWEEN DETECTABLE WARNING PANELS AND BACK OF CURB ONLY ALLOWABLE AT CENTER OF CURB RAMPS. CORNERS OF DETECTABLE WARNINGS SHALL BE FLUSH WITH BACK OF CURB.

RECORD DRAWING
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PLAN CHECK

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BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
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WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

SEAL

STATE OF ALASKA
49 TH
Christopher T. Koenen
CE-145371
03/17/26
REGISTERED PROFESSIONAL ENGINEER

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

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20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY DETAILS

CURB RAMPS

SCALE HOR. N/A VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET D1 of D5

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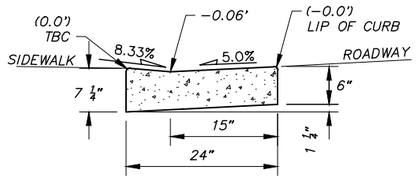


PCC CURB AND GUTTER TYPE 1A

FOR USE IN CURB RAMPS WITH TYPE 1 C&G.

ACCESSIBLE CURB & GUTTER NOTES:

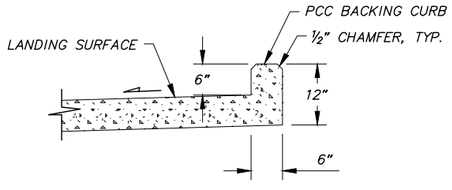
1. TRANSITION CURBS TO MAINTAIN CONSTANT FLOWLINE ACROSS CURB RAMP AND AROUND CURB RETURN IAW PLANS.
2. PAYMENT FOR ALL PCC CURB AND GUTTER, INCLUDING MODIFIED AND TRANSITIONAL CURB, SHALL BE PAID UNDER THE BID ITEM "PCC CURB & GUTTER (ALL TYPES)" AND NO SEPARATE PAYMENT SHALL BE MADE.

1 ACCESSIBLE CURB & GUTTER SECTION (TYPE 1A)

SCALE: NTS

BACKING CURB DETAIL NOTES:

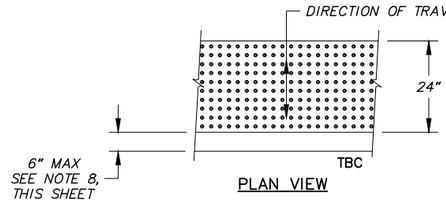
1. THE TOP OF BACKING CURB SHALL TRANSITION BACK TO TOP OF SIDEWALK AT TOP RAMP SECTION OF CURB RAMP.



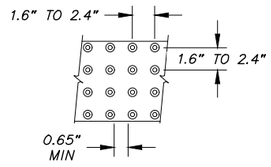
MONOLITHIC

2 BACKING CURB DETAIL

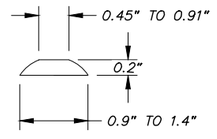
SCALE: NTS



PLAN VIEW



DOME PLAN



DOME SECTION

3 DETECTABLE WARNING PANEL

SCALE: NTS

SHEET NOTES:

1. SEE SHEET NOTES ON SHEET D1.

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PLAN CHECK

FIELD BOOKS	
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ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
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CE-14537
03/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

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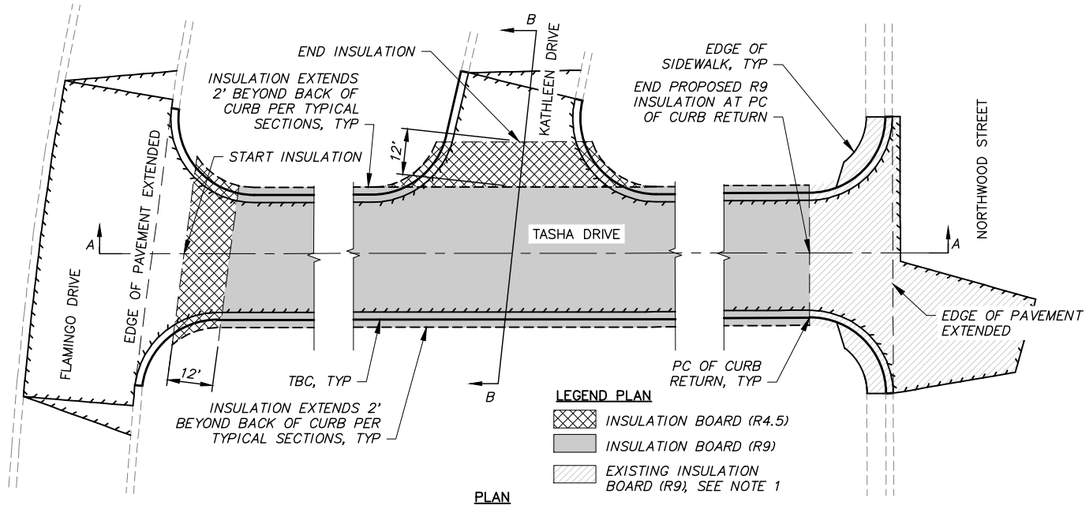
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY DETAILS

CURB RAMPS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET D2 of D5

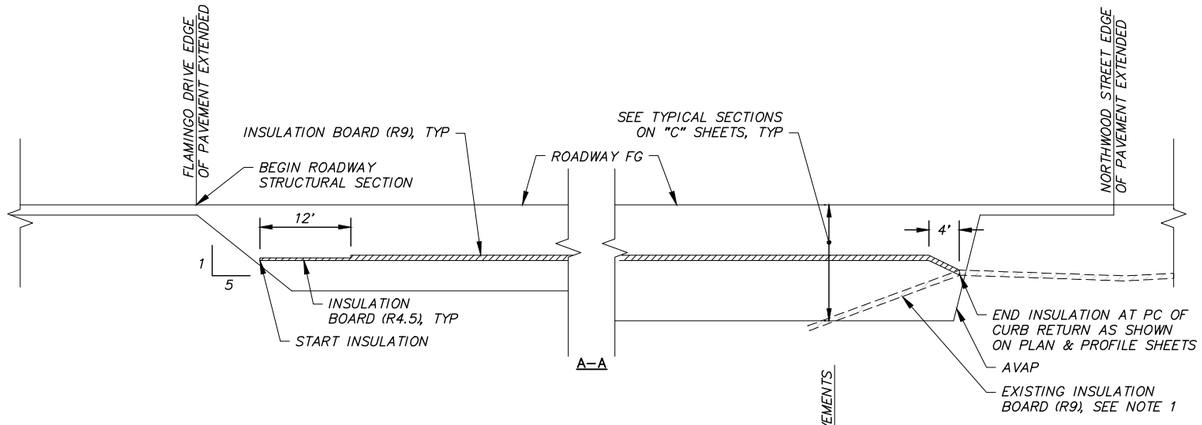
File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Roadway Details.dwg



PLAN

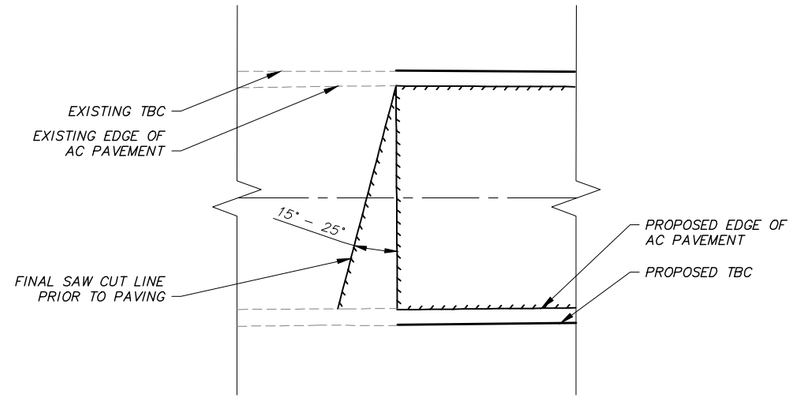
NOTE:

1. REMOVE AND DISPOSE OF EXISTING INSULATION BOARD (R9) AS REQUIRED TO INSTALL STRUCTURAL SECTION AND STORM DRAIN IMPROVEMENTS. INSTALL PROPOSED INSULATION (R9) FLUSH WITH EXISTING INSULATION AS SHOWN IN SECTION A–A.



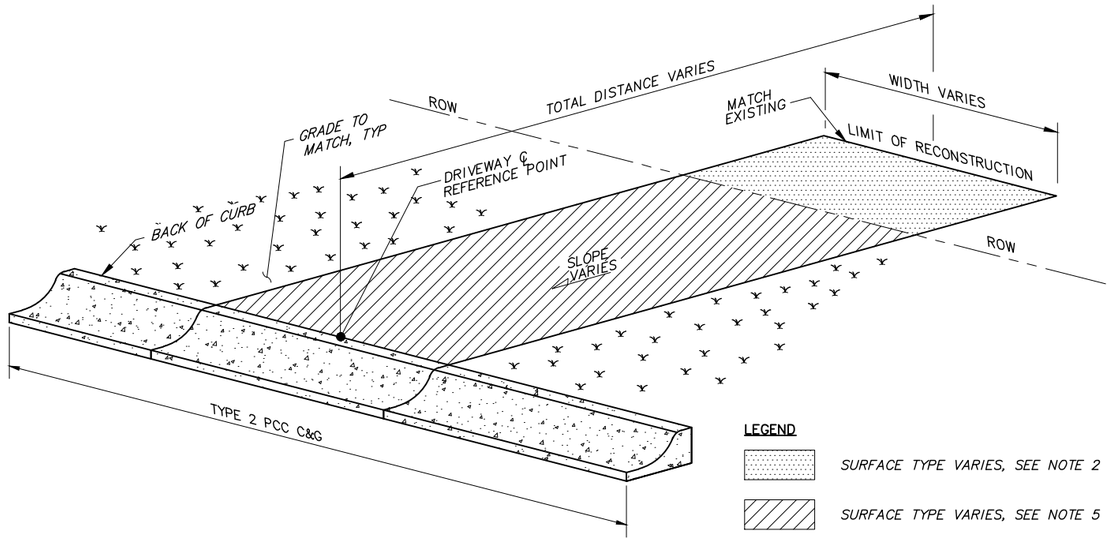
1 BOARD INSULATION AND EXCAVATION TRANSITION DETAIL

SCALE: NTS



2 TRANSVERSE SAW CUT JOINT DETAIL

SCALE: NTS



3 TYPICAL DRIVEWAY RECONSTRUCTION

SCALE: NTS

DRIVEWAY NOTES:

1. CENTER THE PROPOSED DRIVEWAY ENTRANCES ON DRIVEWAY CENTERLINE REFERENCE POINT AS SHOWN IN THE 20.28 RECONSTRUCT DRIVEWAY SUMMARY TABLES.
2. SEE 20.28 DRIVEWAY RECONSTRUCTION SUMMARY TABLE "T" SHEETS FOR INDIVIDUAL DRIVEWAY SPECIFICS.
3. WHERE INSULATION IS INSTALLED IN ROADWAY, INSTALL INSULATION UNDER DRIVEWAY PER DETAIL 3, SHEET C3.
4. DRIVEWAY RECONSTRUCTION WITHIN THE ROW SHALL BE ASPHALT OR CONCRETE, NO GRAVEL SHALL BE INSTALLED WITHIN THE ROW.

RECORD DRAWING

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PRELIMINARY/FINAL	CK	JK
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PLAN CHECK

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#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH Christopher Koenen Christopher T. Koenen CE-14537I 03/17/26 REGISTERED PROFESSIONAL ENGINEER

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ROADWAY DETAILS

INSULATION & EXCAVATION TRANSITION, SAW CUT, AND DRIVEWAY RECONSTRUCTION

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET D3 of D5

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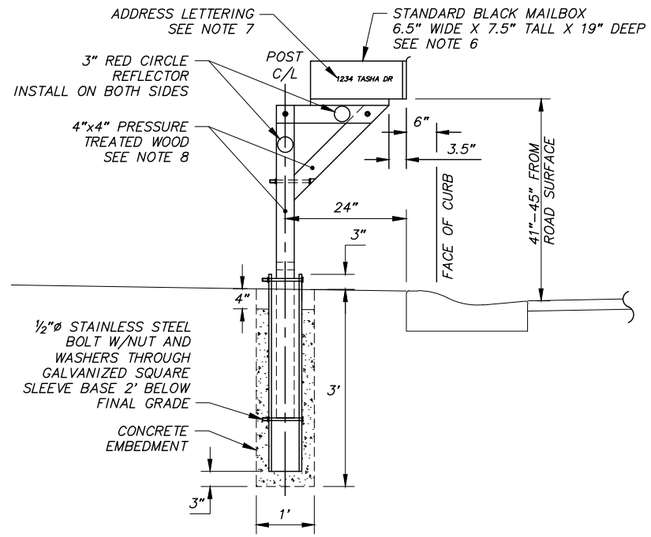
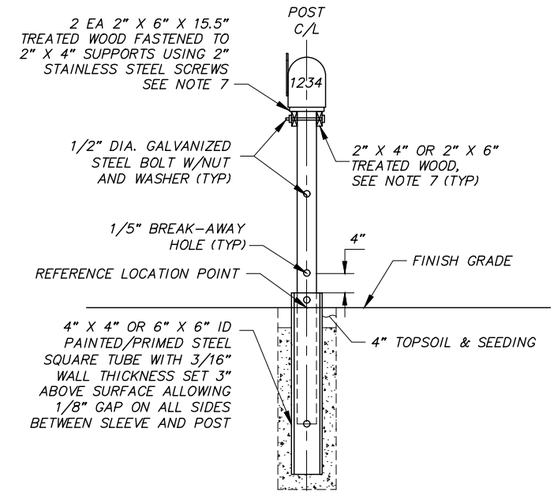


TYPICAL WOOD POST MAILBOX INSTALLATION (SIDE VIEW)

1

SCALE: NTS



TYPICAL SINGLE MAILBOX INSTALLATION (FRONT VIEW)

2

SCALE: NTS

TYPICAL WOOD POST MAILBOX INSTALLATION NOTES:

1. *SEE "RELOCATE MAILBOX" TABLE, DEMOLITION SHEETS & ROADWAY SHEETS FOR LOCATING MAILBOXES ALONG ROADWAY. LOCATIONS ARE APPROXIMATE, VERIFY LOCATION WITH ENGINEER PRIOR TO INSTALLATION.*
2. *CUT OFF EXCESS BOLT AND FILE SMOOTH AFTER TIGHTENING.*
3. *MAILBOXES AND SUPPORTS SHALL CONFORM WITH U.S. POSTAL SERVICE REGULATIONS.*
4. *NEWSPAPER RECEPTACLES SHALL CONFORM TO THE SAME SETBACK AND SUPPORT REGULATIONS AS MAILBOXES. WHERE NEWSPAPER RECEPTACLES AND MAILBOXES ARE TO BE MOUNTED TOGETHER, THE NEWSPAPER RECEPTACLE SHALL BE MOUNTED BELOW THE BOTTOM SURFACE OF THE MAILBOX. RELOCATION OF EXISTING NEWSPAPER RECEPTACLES IS INCIDENTAL TO THE RELOCATE MAILBOX BID ITEM.*
5. *CONTRACTOR SHALL COORDINATE WITH THE MOA AND ENGINEER IN THE FIELD REGARDING MAILBOX SUBSTITUTIONS OR MAILBOX SIZING, PRIOR TO ORDERING MATERIALS.*
6. *CONTRACTOR SHALL INSTALL MAILBOX ADDRESS LABELS TO MATCH EXISTING LABELS. ADDRESS LABELS SHALL BE A MINIMUM OF 1" IN HEIGHT AND INSTALLED ON THE SIDE OF THE MAILBOX VISIBLE FROM ON COMING TRAFFIC. ADDRESS LABELS SHOULD BE CENTERED BOTH VERTICAL AND HORIZONTAL ON MAILBOX.*
7. *ALL WOOD SHALL BE PRESSURE TREATED WOOD SEALED WITH A SEMI-TRANSPARENT OIL BASED STAIN BROWN IN COLOR. SUBMIT COLOR SAMPLE FOR APPROVAL.*
8. *CONTRACTOR TO SEAL THE TUBE BASE WHEN SETTING CONCRETE TO AVOID CONCRETE FROM ENTERING THE TUBE.*
9. *THE LOCATION OF EXISTING FEATURES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL ENCOUNTERED UTILITIES AND RECORD ANY CHANGES ON THE RECORD DRAWINGS.*
10. *CONTRACTOR MAY ADJUST CONCRETE EMBEDMENT DEPTH IF UTILITY CONFLICTS ARE ENCOUNTERED.*

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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

FIELD BOOKS
DESIGN CRW BOOK No. 3796,
3825, 3831, 3832, & 3872
STAKING
ASBUILT
CONTRACTOR
INSPECTOR

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CS-14537
03/17/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

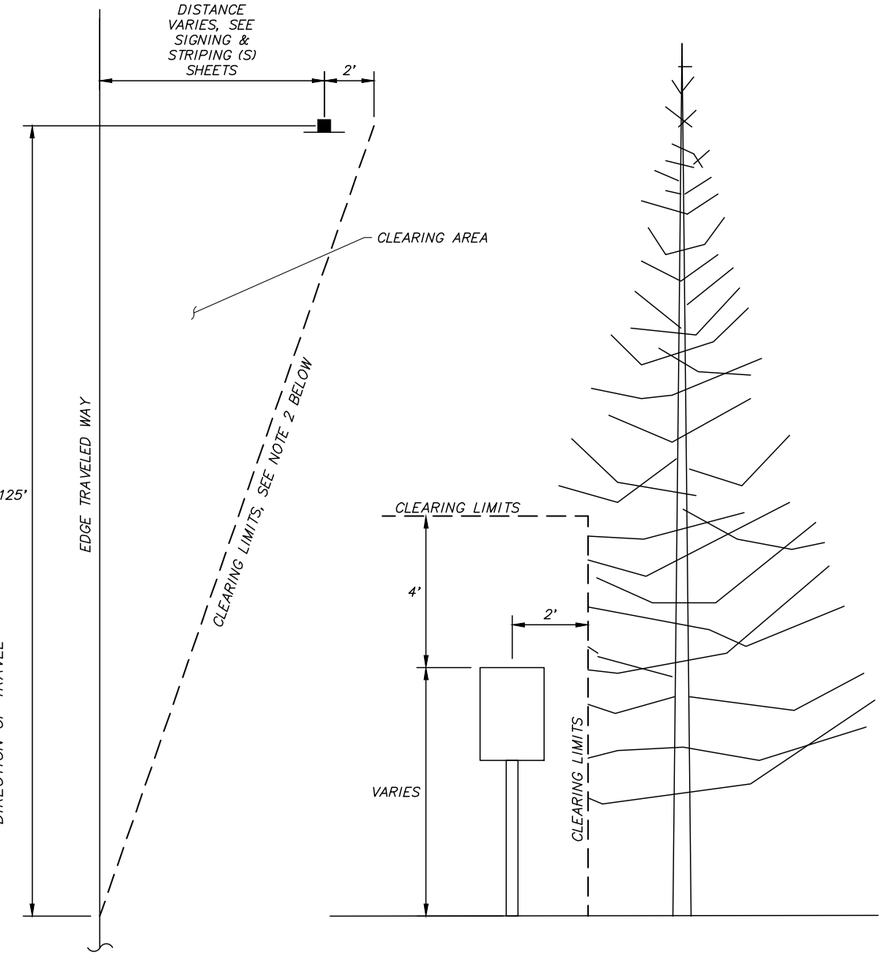
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

ROADWAY DETAILS

MAILBOXES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET D4 of D5

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Roadway Details.dwg



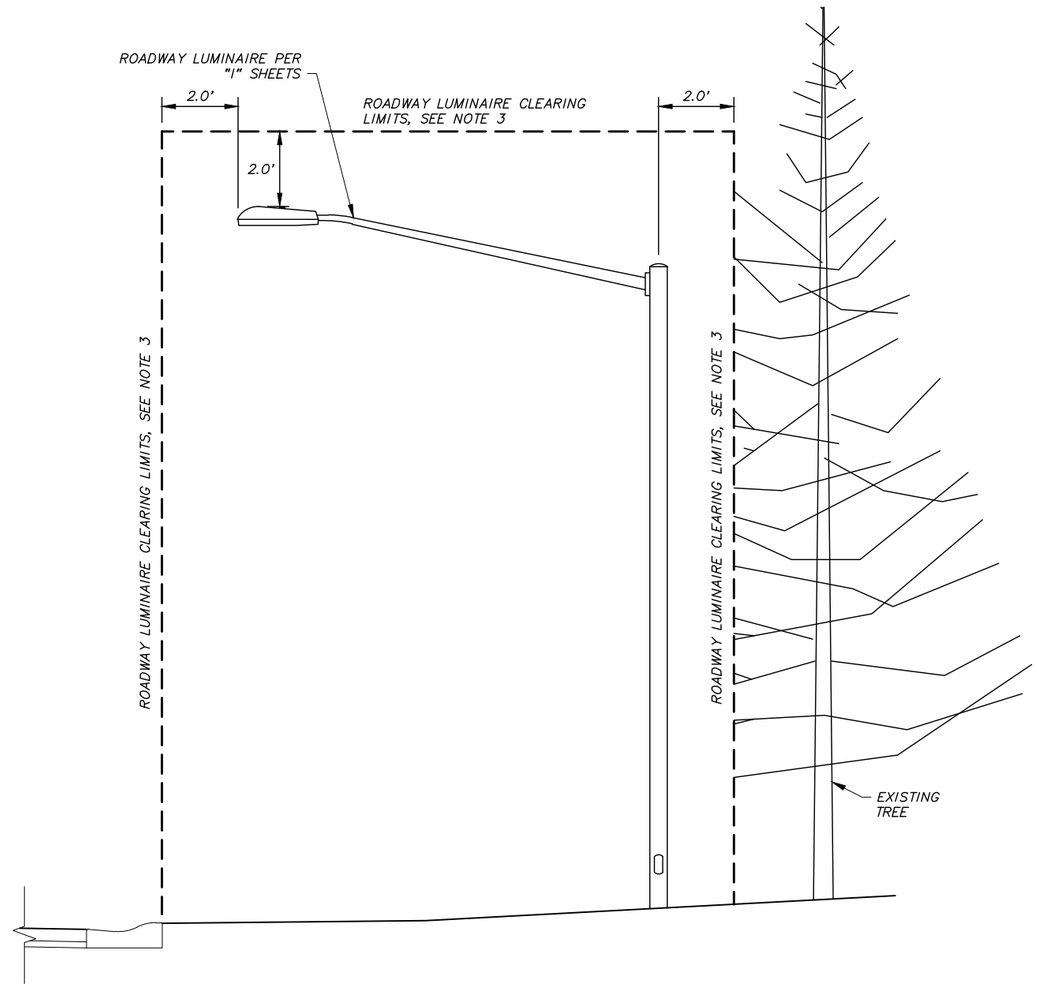
PLAN ELEVATION

SIGN SIGHT DISTANCE CLEARING DETAIL NOTES:

1. *SIGN SIGHT DISTANCE CLEARING SHALL BE INCIDENTAL TO SECTION 20.04 CLEARING AND GRUBBING PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.*
2. *MAINTAIN CLEARING LIMITS WITHIN AVAILABLE RIGHT-OF-WAY.*
3. *ALL CLEARING ACTIVITIES SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND FOLLOW ANSI A300, PART 1, STANDARD PRACTICES AND ANSI Z133.1, ARBORICULTURAL OPERATIONS SAFETY.*

1 SIGN SIGHT DISTANCE CLEARING DETAIL

SCALE: NTS



ELEVATION

ROADWAY LUMINAIRE CLEARING DETAIL NOTES:

1. *ROADWAY LUMINAIRE CLEARING SHALL BE INCIDENTAL TO SECTION 20.04 CLEARING AND GRUBBING PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.*
2. *MAINTAIN CLEARING LIMITS WITHIN AVAILABLE RIGHT-OF-WAY OR TCP.*
3. *ROADWAY LUMINAIRE CLEARING LIMITS SHALL INCLUDE 20 FEET UP STATION AND DOWN STATION ALONG THE ROADWAY.*
4. *ALL CLEARING ACTIVITIES SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND FOLLOW ANSI A300, PART 1, STANDARD PRACTICES AND ANSI Z133.1, ARBORICULTURAL OPERATIONS SAFETY.*

2 ROADWAY LUMINAIRE CLEARING DETAIL

SCALE: NTS

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
2. DATA TRANSFERRED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
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   DATA TRANSFER CHECKED BY: _____ TITLE: _____
   COMPANY: _____ DATE: _____
   BY: _____

PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA — 49 TH — Christopher T. Koenen — CS-145371 — 03/17/26 — REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

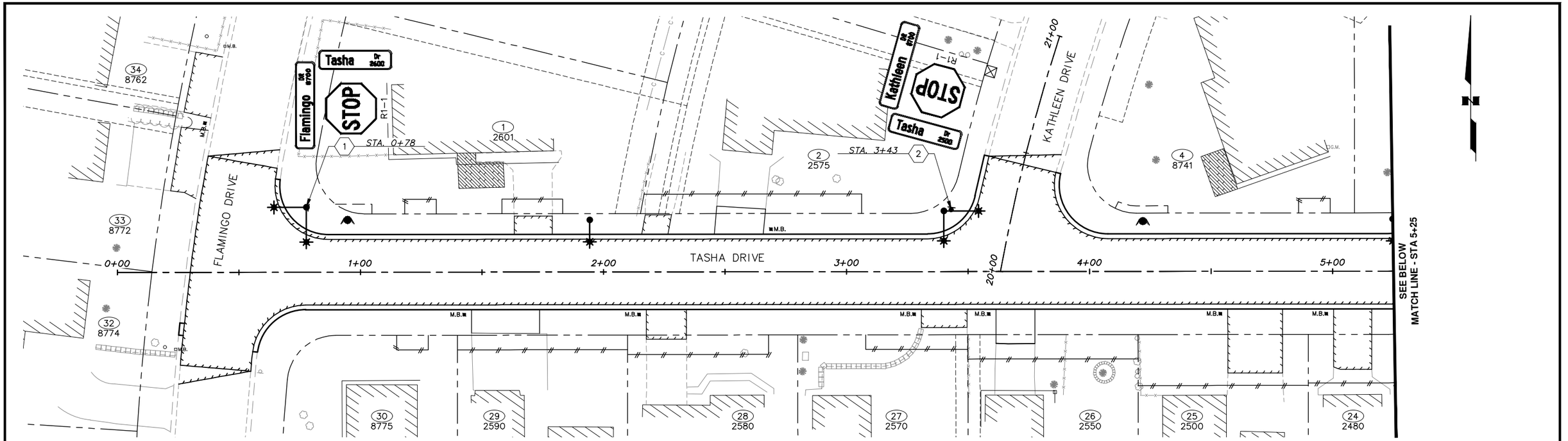
20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

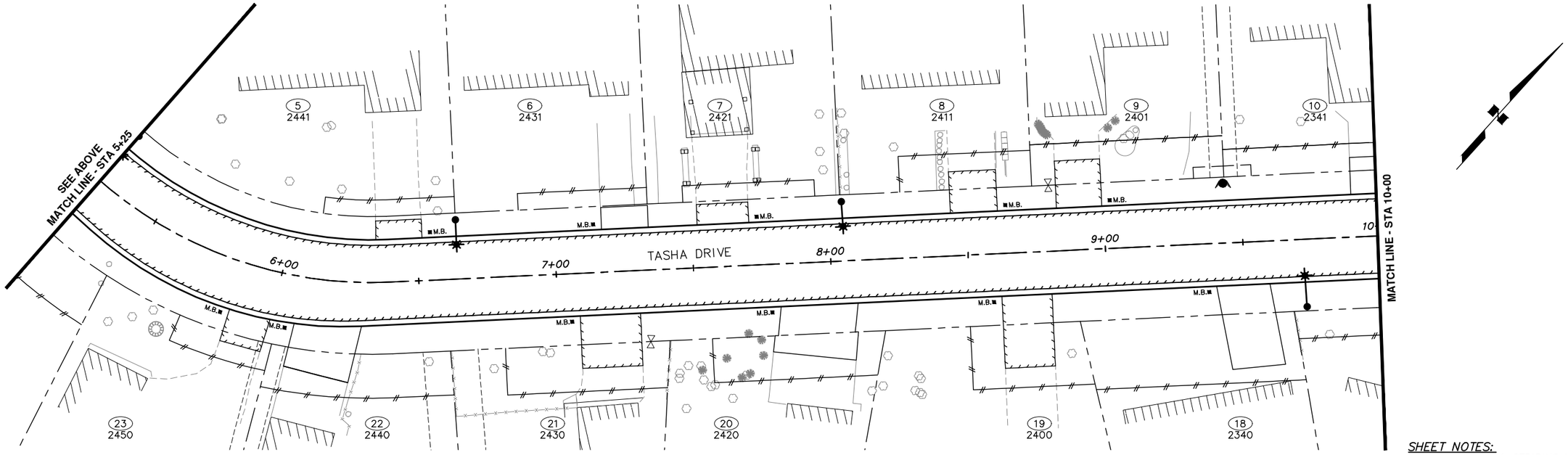
ROADWAY DETAILS

CLEARING DETAILS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET D5 of D5

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Roadway Details.dwg





SHEET NOTES:

1. SEE SIGNING & STRIPING NOTES ON SHEET S2

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
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WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
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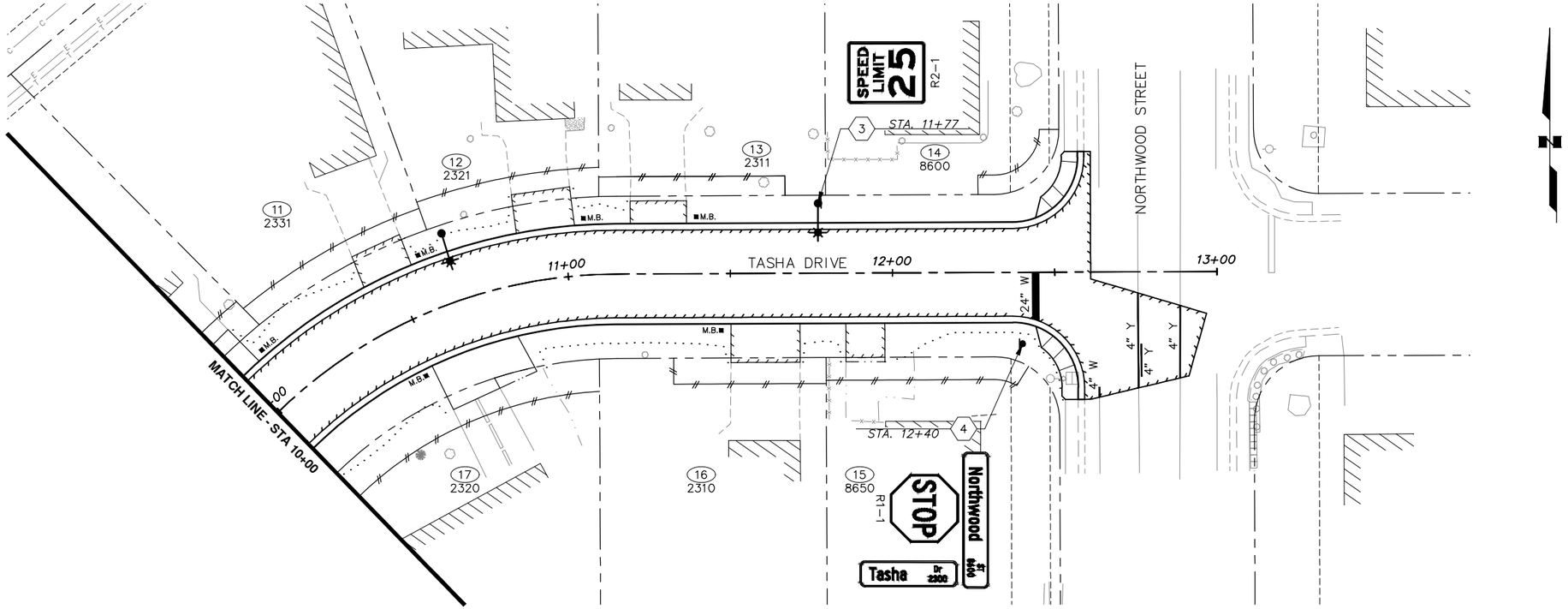
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

SIGNING & STRIPING

SCALE HOR. 1"=20'
VER. N/A
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET S1 of S2

File: \\crweng.com\projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Signing & Striping.dwg



SIGNING NOTES:

1. *THE STATIONS INDICATED IN THE SIGN SUMMARY ARE APPROXIMATE. INSTALL SIGNS AND SIGN FOUNDATIONS PER MASS STANDARD DETAILS. BEFORE INSTALLING ANY SIGN, STAKE THE LOCATION OF ALL SIGNS FOR THE ENGINEER'S REVIEW AND APPROVAL.*
2. *PROVIDE PERFORATED STEEL TUBE (PST) SIGN POSTS OF THE SIZE INDICATED IN THE SIGN SUMMARY.*
3. *INSTALL THE POSTS FOR STOP SIGNS AT LOCATIONS THAT CONFORM TO MASS STANDARD DETAIL 85-14 & 85-15.*
4. *ALL STOP SIGNS AND STREET NAME SIGNS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.*
5. *THE LETTERING FOR STREET NAME SIGNS (D3 SERIES) SHALL BE FEDERAL HIGHWAY ADMINISTRATION "FHWA 2000 SERIES C" LETTERING, A COMBINATION OF LOWER-CASE LETTERS WITH INITIAL UPPER-CASE LETTERS.*
6. *PROVIDE YEAR INSTALLATION DECAL TO BACK OF SPEED LIMIT AND STOP SIGNS PER MASS DIVISION 85 SECTION 4.3 WITH APPROPRIATE YEAR BACKGROUND COLOR.*

STRIPING NOTES:

1. *ALL STRIPING SHALL CONFORM TO THESE CONTRACT DOCUMENTS AND THE STANDARD MASS DETAILS. ALL REVISIONS SHALL CONFORM TO THE LATEST EDITION OF THE ALASKA TRAFFIC MANUAL AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.*
2. *UNLESS OTHERWISE NOTED, PROVIDE METHYL METHACRYLATE PAINT OF THE COLORS AND WIDTHS SPECIFIED FOR THE TRAFFIC MARKINGS INDICATED ON THE DRAWINGS. PROVIDE INLAID APPLICATION MARKINGS IN THE FOLLOWING MANNER:*
   - *125 MILS FOR 24" WHITE STOP BAR MARKINGS*
   - *125 MILS FOR 4" YELLOW AND WHITE MARKINGS*
3. *OBLITERATE AND REPLACE ALL STRIPING DAMAGED BY CONTRACTORS OPERATIONS.*
4. *INSTALL 24" WIDE STOP BARS PER MASS STANDARD DETAILS 85-14 & 85-15.*

85.04

STANDARD SIGN

SHEET NO.	POST NO.	STATION	OFFSET	TYPE	LEGEND	WIDTH (INCHES)	HEIGHT (INCHES)	AREA (SF)	SIGN FACES	SIGN POST	REMARKS
S1	1	0+78	26.7 LT	D3-101	FLAMINGO DR 8700	36	8	2.00		MOUNT ON LIGHT POLE	ONE DOUBLE SIDED PANEL
				D3-101	TASHA DR 2600	30	8	1.67			ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25			
	2	3+43	25.5 LT	D3-101	TASHA DR 2500	30	8	1.67		2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	KATHLEEN DR 8700	36	8	2.00			ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25			
S2	3	11+77	21.5 LT	R2-1	25 MPH	24	30	5.00		MOUNT ON LIGHT POLE	
	4	12+40	22.0 RT	D3-101	NORTHWOOD ST 8600	42	8	2.33		2.5" PST	ONE DOUBLE SIDED PANEL
				D3-101	TASHA DR 2300	30	8	1.67			ONE DOUBLE SIDED PANEL
				R1-1	STOP	30	30	6.25			

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Christopher T. Koenen
CE-14537 I
03/20/26
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

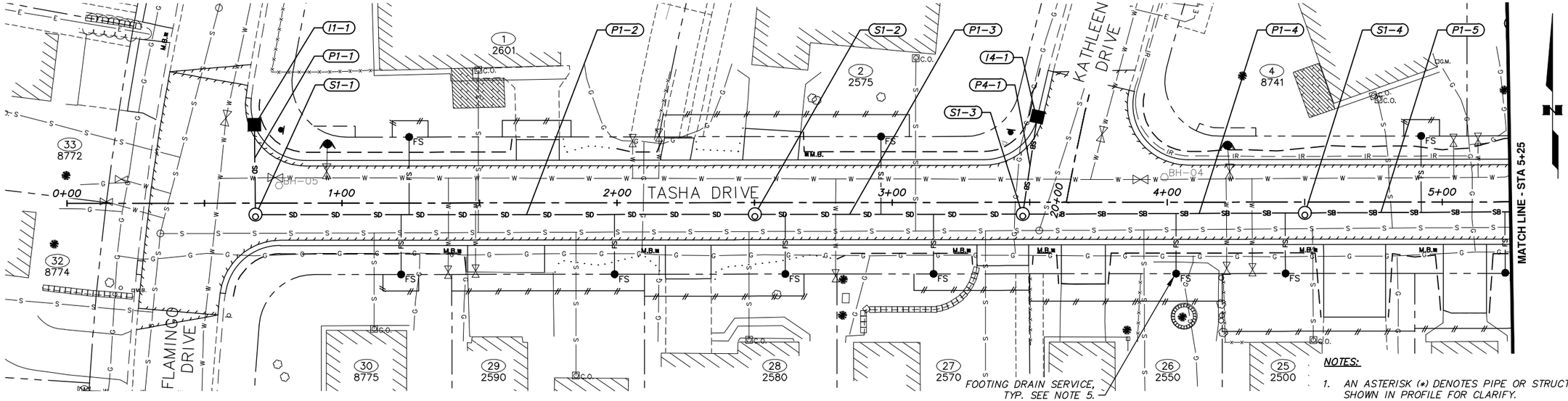
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED A
FLAMINGO DRIVE TO NORTHWOOD STREET

SIGNING & STRIPING

SCALE HOR. 1"=20' VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET S2 of S2

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Signing & Striping.dwg



55.02 & 55.03 – STORM & SUBDRAIN PIPE

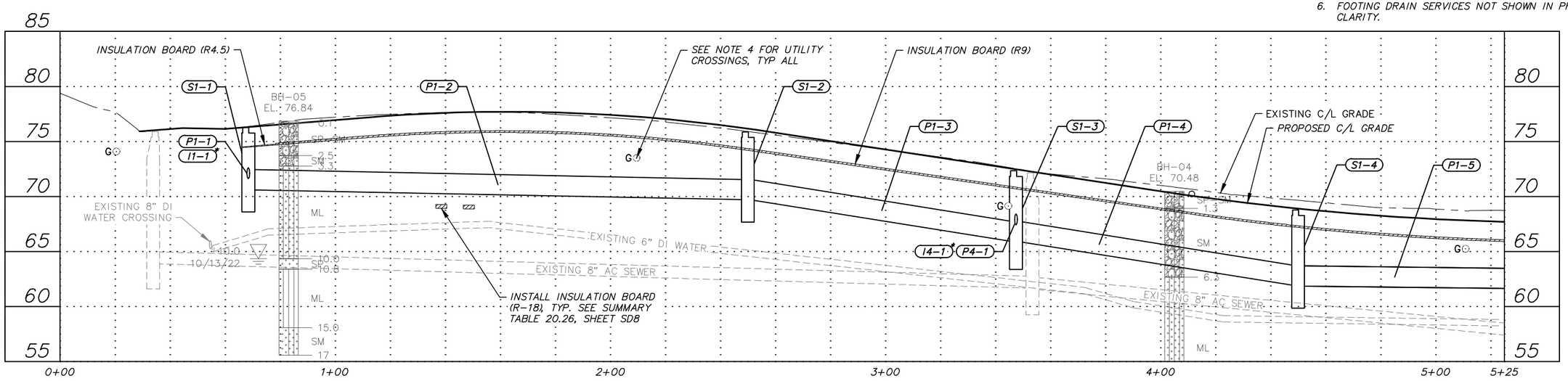
PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P1–1	12	CPEP, S	32.78	I1–1	S1–1	72.19	71.61	2.03%
P1–2	18	CPEP, S	181.59	S1–1	S1–2	70.77	69.88	0.50%
P1–3	18	CPEP, S	97.47	S1–2	S1–3	69.83	66.09	4.00%
P1–4	18	CPEP, SP	102.55	S1–3	S1–4	66.04	62.10	4.00%
P1–5	18	CPEP, SP	109.66	S1–4	S2–1	62.03	61.71	0.30%

55.05 & 55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S1–1	MH I	MH	0+68.45	4.21' RT	76.20	N/A	
I1–1	CB	CI	0+68.16	28.57' LT	76.44	2	
S1–2	MH I	MH	2+50.01	4.27' RT	75.96	N/A	
S1–3	MH I	MH	3+47.47	4.31' RT	72.27	N/A	
S1–4	MH I	MH	4+50.02	3.96' RT	68.70	N/A	

NOTES:

1. *AN ASTERISK (*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARIFY.*
2. *REFER TO SHEET SD5 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD5–SD8 FOR STORM DRAIN DETAILS AND SUMMARY TABLES.*
4. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
5. *REFER TO SHEET SD8 FOR FOOTING DRAIN SERVICE SUMMARY TABLE.*
6. *FOOTING DRAIN SERVICES NOT SHOWN IN PROFILE FOR CLARITY.*



RECORD DRAWING

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DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
3825, 3831, 3832, & 3872	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
5/17/2026
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 SCHED B

TASHA DRIVE
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN PLAN & PROFILE

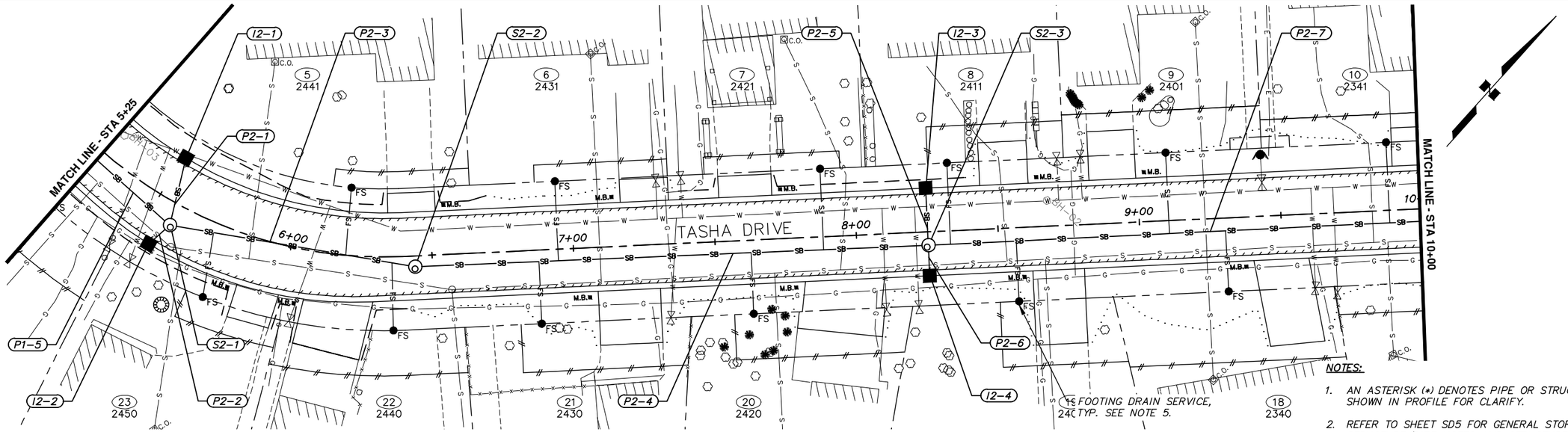
TASHA DRIVE
BOP TO STA 5+25

SCALE HOR. 1"=20'
VER. 1"=5'

GRID SW2327
DATE MARCH 2026
STATUS FINAL

SHEET SD1 of SD8

File: \\crweng.com\projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Plan & Profile – Storm Drain.dwg



NOTES:

1. *AN ASTERISK (*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARIFY.*
2. *REFER TO SHEET SD5 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
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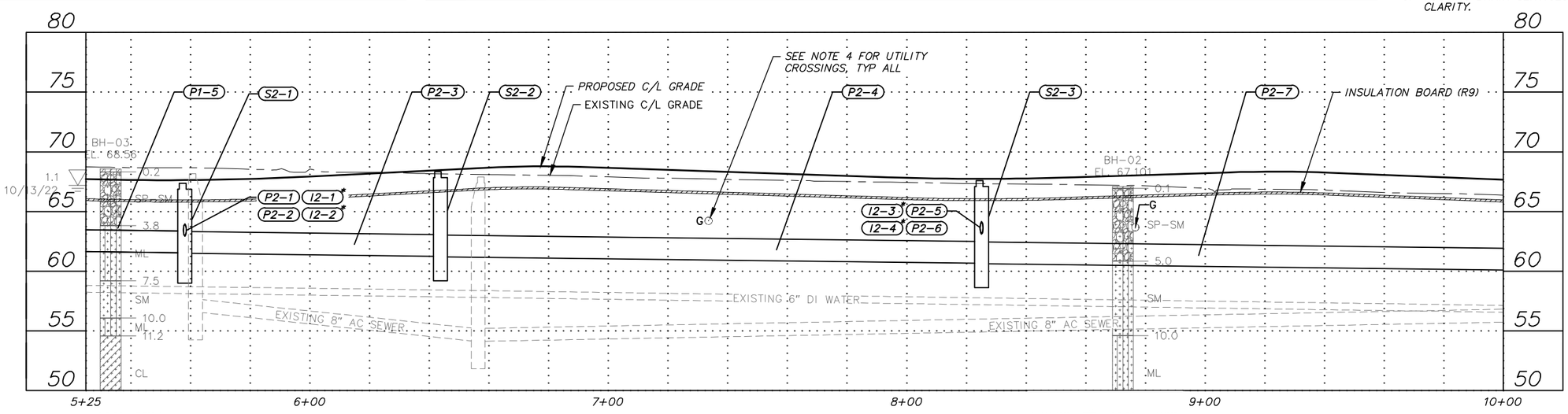
5. *REFER TO SHEET SD8 FOR FOOTING DRAIN SERVICE SUMMARY TABLE.*
6. *FOOTING DRAIN SERVICES NOT SHOWN IN PROFILE FOR CLARITY.*

55.03 – SUBDRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P2-1	12	CPEP, SP	24.45	I2-1	S2-1	63.37	62.96	2.00%
P2-2	12	CPEP, SP	9.91	I2-2	S2-1	63.03	62.91	2.03%
P2-3	18	CPEP, SP	87.84	S2-1	S2-2	61.66	61.41	0.30%
P2-4	18	CPEP, SP	181.32	S2-2	S2-3	61.36	60.83	0.30%
P2-5	12	CPEP, SP	20.26	I2-3	S2-3	63.49	63.16	2.03%
P2-6	12	CPEP, SP	10.74	I2-4	S2-3	63.22	63.08	2.08%
P2-7	18	CPEP, SP	199.32	S2-3	S3-1	60.78	60.19	0.30%

55.05 & 55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
I2-1	CB	CI	5+51.05	15.50' LT	67.62	2	
I2-2	CB	CI	5+55.09	17.25' RT	67.28	2	
S2-1	MH I	MH	5+58.16	7.92' RT	67.31	N/A	
S2-2	MH I	MH	6+43.85	3.82' RT	68.28	N/A	
S2-3	MH I	MH	8+25.18	4.76' RT	67.53	N/A	
I2-3	CB	CI	8+25.18	15.50' LT	67.74	2	
I2-4	CB	CI	8+25.18	15.50' RT	67.47	2	



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   COMPANY: _____ DATE: _____
   BY: _____

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC 40 20 0 20 40 SCALE

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796,	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
3825, 3831, 3832, & 3872	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD | VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
3/17/2026
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

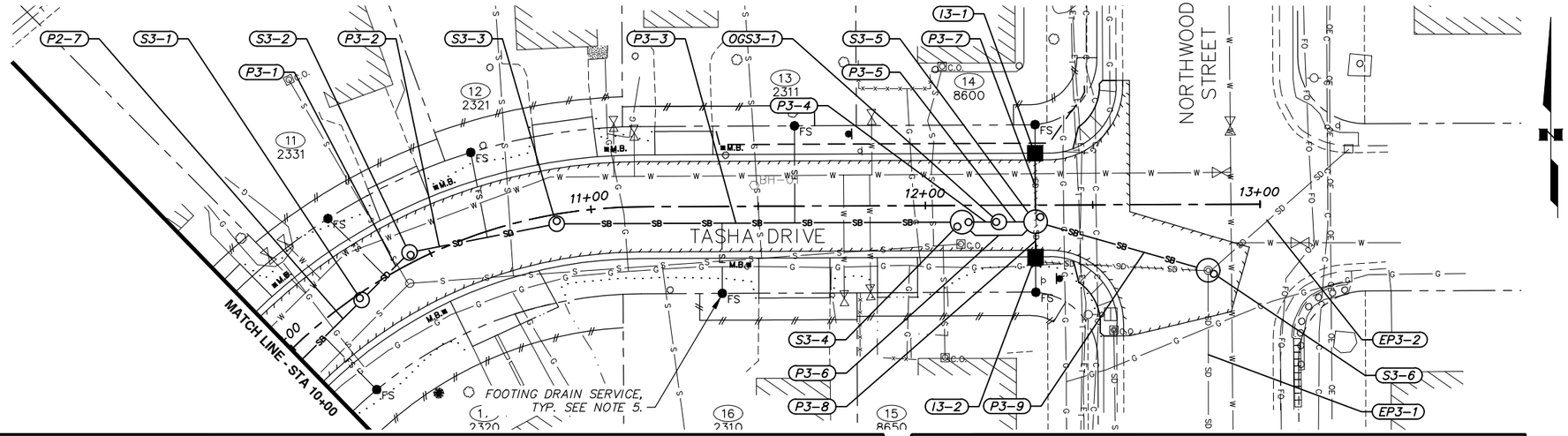
20-15 TASHA DRIVE SCHED B
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN PLAN & PROFILE

TASHA DRIVE
STA 5+25 TO 10+00

SCALE HOR. 1"=20' VER. 1"=5' | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET SD2 of SD8

File: \\crweng.com\projects\Jobsdata\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Plan & Profile – Storm Drain.dwg



55.04, 55.05, 55.09 & 55.22 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
S3–1	MH I	MH	10+24.99	1.94' RT	67.35	N/A	
S3–2	MH I	MH	10+44.49	3.01' LT	67.15	N/A	WATERTIGHT MH, SEE NOTE 9
S3–3	MH I	MH	10+89.07	2.89' RT	66.69	N/A	
S3–4	BYPASS, MH II	MH	12+10.86	5.00' RT	65.40	N/A	SEE DETAIL 2, SHEET SD6
OGS3–1	OGS	MH	12+21.86	5.00' RT	65.31	N/A	SEE DETAIL 1, SHEET SD6
S3–5	MH II	MH	12+32.86	5.00' RT	65.20	N/A	
I3–1	CB	CI	12+32.86	15.50' LT	65.17	2	
I3–2	CB	CI	12+32.86	15.50' RT	65.21	2	
S3–6	MH II / CONNECT	MH	12+84.41	19.75' RT	64.59	N/A	WATERTIGHT MH, SEE NOTE 9. CONNECT EX. PIPES (EP3–1 & EP3–2)

55.02 & 55.03 – STORM & SUBDRAIN PIPE

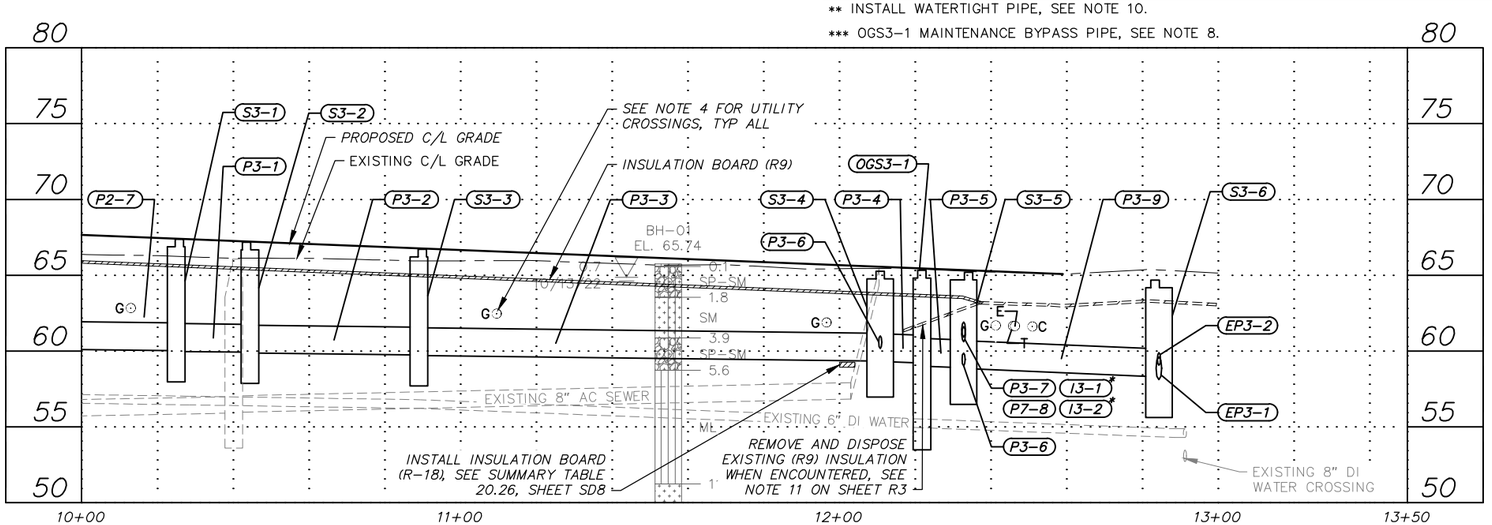
PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P3–1**	18	CPEP, S	20.17	S3–1	S3–2	60.14	60.09	0.31%
P3–2**	18	CPEP, S	44.82	S3–2	S3–3	60.04	59.91	0.32%
P3–3	18	CPEP, SP	121.18	S3–3	S3–4	59.86	59.51	0.30%
P3–4	18	CPEP, SP	11.00	S3–4	OGS3–1	59.46	59.40	1.00%
P3–5	18	CPEP, SP	11.00	OGS3–1	S3–5	59.15	59.09	1.00%
P3–6***	10	CPEP, S	25.31	S3–4	S3–5	60.17	59.04	5.85%
P3–7	12	CPEP, SP	20.50	I3–1	S3–5	60.92	60.61	2.00%
P3–8	12	CPEP, SP	10.50	I3–2	S3–5	61.03	60.92	2.00%
P3–9	18	CPEP, SP	53.62	S3–5	S3–6	58.99	58.50	1.03%
EP3–1	18	CPEP, S	–	S3–6	–	58.2±	–	–
EP3–2	10	CPEP, S	–	–	S3–6	–	59.1±	–

** INSTALL WATERTIGHT PIPE, SEE NOTE 10.

*** OGS3–1 MAINTENANCE BYPASS PIPE, SEE NOTE 8.

NOTES:

1. AN ASTERISK (*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARIFY.
2. REFER TO SHEET SD5 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.
3. REFER TO SHEETS SD5–SD8 FOR STORM DRAIN DETAILS AND SUMMARY TABLES.
4. CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.
5. REFER TO SHEET SD8 FOR FOOTING DRAIN SERVICE SUMMARY TABLE.
6. FOOTING DRAIN SERVICES NOT SHOWN IN PROFILE FOR CLARITY.
7. REFER TO SHEET SD6 FOR OGS AND BYPASS STRUCTURE DETAILS.
8. CPEP FITTINGS I.A.W. MASS SECTION 55.02 SHALL BE USED FOR BYPASS PIPING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. LOCATION OF FITTINGS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD LOCATE FITTINGS WITH ENGINEER'S APPROVAL TO MINIMIZE CONFLICTS WITH OTHER UTILITIES AND OBSTRUCTIONS. CONCRETE THRUST BLOCKS I.A.W. MASS STANDARD DETAIL 60–06 SHALL BE INSTALLED AT ALL FITTINGS. PAYMENT FOR THRUST BLOCKS SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM 55.02.
9. PROVIDE WATERTIGHT CONNECTION AT MANHOLE. INSTALL Z–LOK STM BOOT STYLE CONNECTOR OR APPROVED EQUAL FOR PIPE TO MANHOLE CONNECTION. NO ADDITIONAL PAYMENT SHALL BE MADE FOR STRUCTURES CONSTRUCTED WITH BOOT STYLE CONNECTOR.
10. CONTRACTOR SHALL PERFORM TESTING I.A.W. MASS SECTION 50.02 (SANITARY SEWER PIPE) FOR WATERTIGHT STORM DRAIN PIPE.



RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
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PLAN CHECK

DATA	DRAWN BY	CHECKED BY
BASE	AR	AR
TOPOGRAPHY	SB	AR
PROFILE	CK	JK
STORM SEWER	JM	JH
WATER/SANITARY SEWER	JM	JK
GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

CONSTRUCTION RECORD

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
	2014–2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
3/20/2026
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 SCHED B

TASHA DRIVE
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN PLAN & PROFILE

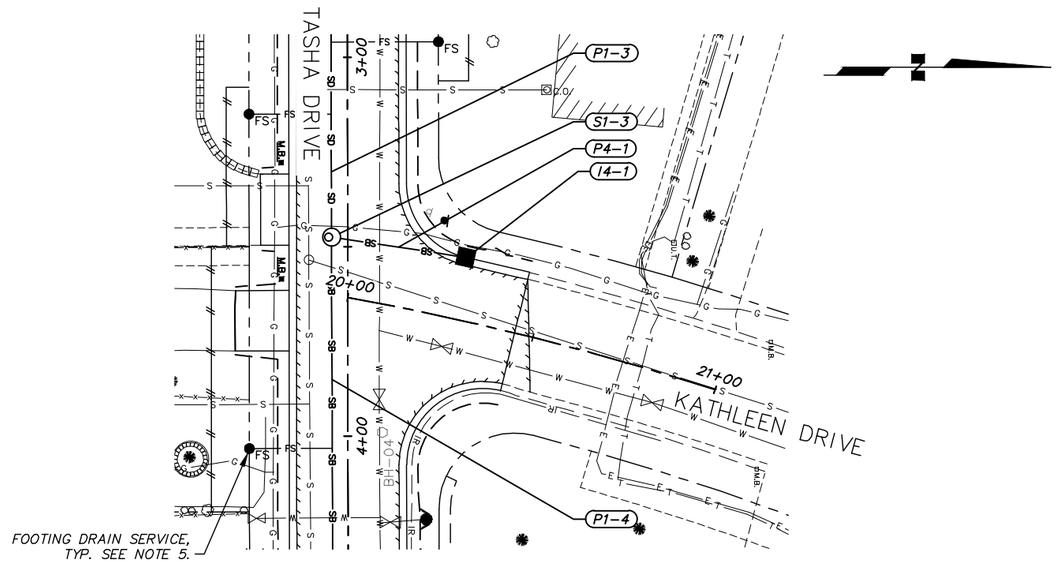
TASHA DRIVE
STA 10+00 TO EOP

SCALE HOR. 1"=20'
VER. 1"=5'

GRID SW2327
DATE MARCH 2026
STATUS FINAL

SHEET SD3 of SD8

File: J:\Jobs\Data\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\01 Civil\10150.00 Plan & Profile – Storm Drain.dwg



NOTES:

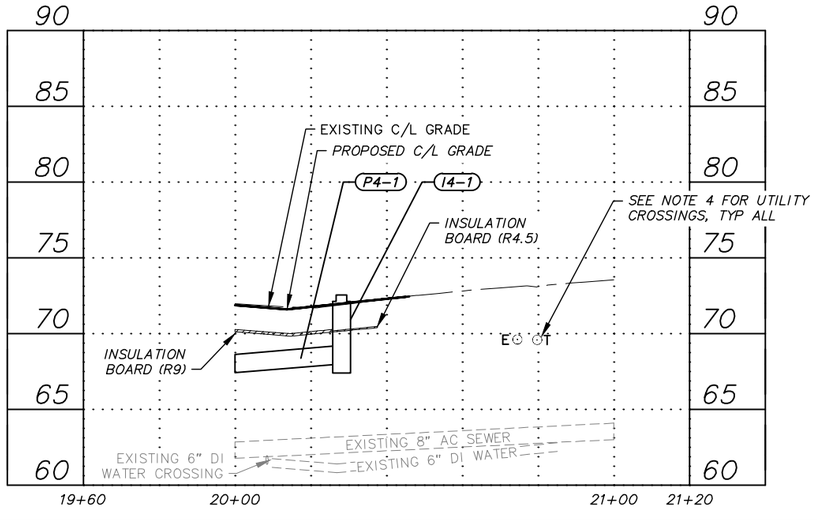
1. *AN ASTERISK (*) DENOTES PIPE OR STRUCTURE NOT SHOWN IN PROFILE FOR CLARIFY.*
2. *REFER TO SHEET SD5 FOR GENERAL STORM DRAIN STRUCTURE/PIPE NOTES AND STRUCTURE ABBREVIATIONS USED ON SUMMARY TABLES SHOWN ON THIS SHEET.*
3. *REFER TO SHEETS SD5–SD8 FOR STORM DRAIN DETAILS AND SUMMARY TABLES.*
4. *CAUTION!!! THE LOCATION OF EXISTING UTILITY CROSSINGS SHOWN IN PROFILE ARE APPROXIMATE. CONTRACTOR SHALL PROTECT AND SHORE EXISTING UTILITIES IN PLACE WHERE NECESSARY OR AS NOTED. EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS WILL BE RELOCATED BY OTHERS. SEE SPECIFICATIONS FOR MORE INFORMATION.*
5. *REFER TO SHEET SD8 FOR FOOTING DRAIN SERVICE SUMMARY TABLE.*
6. *FOOTING DRAIN SERVICES NOT SHOWN IN PROFILE FOR CLARITY.*

55.03 – SUBDRAIN PIPE

PIPE NAME	SIZE (IN.)	PIPE TYPE	LENGTH (FT.)	FROM	TO	INLET ELEVATION	OUTLET ELEVATION	SLOPE
P4–1	12	CPEP, SP	35.88	14–1	S1–3	68.07	67.43	2.01%

55.09 – STORM DRAIN STRUCTURES

STRUCTURE ID	TYPE OF STRUCTURE	TYPE OF CASTING	STATION	OFFSET TO STRUCTURE C/L	TOP OF CASTING ELEVATION	CURB TYPE	COMMENTS
14–1	CB	CI	20+28.16	16.50' LT	72.32	2	



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WATER/SANITARY SEWER	JM	JK
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TELEPHONE	CB	BW
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DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
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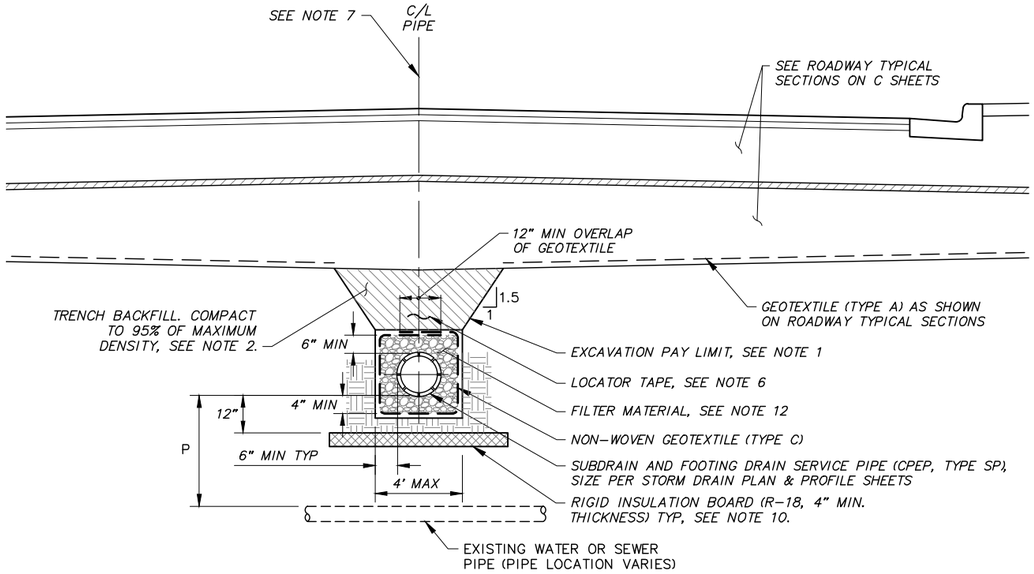
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20–15 TASHA DRIVE SCHED B
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN PLAN & PROFILE

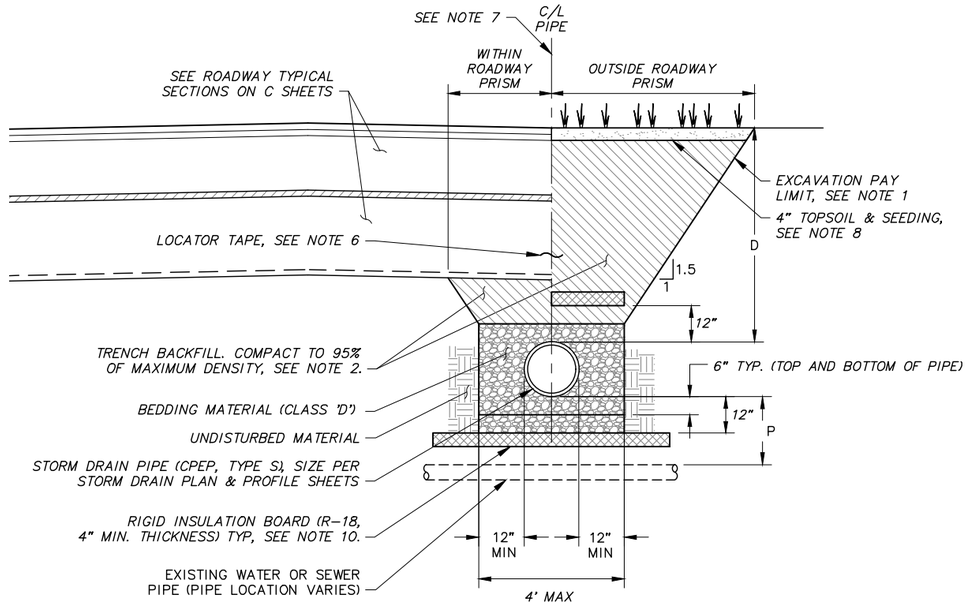
KATHLEEN DRIVE

SCALE HOR. 1"=20'
VER. 1"=5'
GRID SW2327
DATE MARCH 2026
STATUS FINAL
SHEET SD4 of SD8



1 TYPICAL SUBDRAIN TRENCH SECTION

SCALE: NTS



2 TYPICAL STORM DRAIN TRENCH SECTION

SCALE: NTS

STORM DRAIN & SUBDRAIN TRENCH SECTION NOTES:

1. TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH ALL LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS. INDICATED TRENCH WALL SLOPES AND DIMENSIONS ARE FOR PAY QUANTITY DETERMINATIONS ONLY.
2. TRENCH BACKFILL SHALL BE NATIVE MATERIAL MEETING TYPE III CLASSIFICATION (MINIMUM) AS APPROVED BY THE ENGINEER. NATIVE MATERIAL NOT MEETING TYPE III CLASSIFICATION SHALL BE REMOVED AND REPLACED WITH FURNISH TRENCH BACKFILL (TYPE III).
3. REMOVE AND DISPOSE OF ALL ORGANIC MATERIALS IN ACCORDANCE WITH MASS SECTION 20.13.
4. IN PREPARATION FOR AND IMMEDIATELY PRIOR TO PAVING, CONTRACTOR SHALL SAW CUT AND REMOVE AN ADDITIONAL 12 INCHES FROM EXISTING PAVEMENT EDGE. THE ENGINEER MAY REQUIRE MORE THAN 12 INCHES ADDITIONAL CUT IF THE EXISTING PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS, IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT IS LOCATED WITHIN THE TRAVEL LANE.
5. WHERE WATER AND STORM DRAIN/SUBDRAIN MAINS CROSS, STORM DRAIN/SUBDRAIN MAIN JOINTS SHALL BE AT LEAST 10 FEET FROM WATER MAIN JOINTS.
6. INSTALL DETECTABLE LOCATOR TAPE AT LEAST 24 INCHES BUT NO MORE THAN 36 INCHES ABOVE THE CROWN OF THE PIPE.
7. LOCATION OF STORM DRAIN/SUBDRAIN VARIES WITHIN ROADWAY. INSTALL STORM DRAIN/SUBDRAIN AS SHOWN ON STORM DRAIN PLAN & PROFILE SHEETS.
8. PLACE 4" OF COMPACTED TOPSOIL AND SEEDING (SCHEDULE A) ON ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED.
9. MINIMIZE TRENCH WIDTH TO REDUCE IMPACTS TO ADJACENT PROPERTIES AND RE-VEGETATION. CONTRACTOR SHALL AVOID IMPACTS TO TREE PROTECTION ZONES.
10. INSTALL INSULATION BOARD (R-18) WHEN:
    - 'D' IS LESS THAN 4' IN AREAS OUTSIDE OF THE INSULATED ROADWAY SECTIONS. INSULATION PLACEMENT SHALL CONFORM TO MASS DETAIL 20-9.
    - 'P' IS LESS THAN 3', AS MEASURED FROM OUTSIDE OF PIPES & WITHIN BEDDING LIMITS, OR AS DIRECTED BY ENGINEER IN THE FIELD. EXTEND INSULATION BOARD A MINIMUM OF 2' BEYOND OUTSIDE DIAMETER OF STORM/SUBDRAIN PIPE ON EACH SIDE.
11. WATER LINES CROSSING STORM DRAIN LINES REQUIRE A MINIMUM INSULATED VERTICAL SEPARATION OF EIGHTEEN (18) INCHES. IF EIGHTEEN (18) INCHES CAN NOT BE OBTAINED, THE WATER LINE WILL HAVE TO BE RELOCATED.
12. TYPE D FILTER MATERIAL SHALL BE USED ON ALL PIPE (CPEP, TYPE SP) DIAMETERS THREE TO TEN INCHES (3" TO 10"). TYPE C FILTER MATERIAL SHALL BE USED ON ALL PIPE (CPEP, TYPE SP) DIAMETERS TWELVE INCHES (12") AND LARGER.

GENERAL STORM DRAIN STRUCTURE & PIPE NOTES:

1. HORIZONTAL AND VERTICAL CONTROL POINTS FOR STORM DRAIN STRUCTURES (REFERENCE POINTS CALLED OUT IN PLAN & PROFILE SHEETS) ARE:

STRUCTURE	HORZ CONTROL	REFERENCE ELEV.
TYPE I MH	CENTER OF MH	FG/TOP OF LID.
TYPE II MH	CENTER OF MH	FG/TOP OF LID.
CATCH BASIN	CENTER OF CB	TBC @ MID. PT. OF CURB INLET HOOD

2. PIPE LENGTHS ARE BASED ON THE HORIZONTAL DISTANCE BETWEEN THE CENTER OF CONNECTING STRUCTURES OR FITTINGS. PIPE SLOPES ARE CALCULATED USING THE ACTUAL LENGTH OF PIPE FROM THE INSIDE FACE OF STRUCTURES.
3. UNLESS OTHERWISE NOTED, ALL STORM DRAIN MAIN PIPE SHALL BE CPEP, TYPE S AND ALL SUBDRAIN PIPE AND FOOTING DRAIN SERVICES SHALL BE CPEP, TYPE SP.
4. THE FOLLOWING ABBREVIATIONS USED ON THE STORM DRAIN STRUCTURE TABLES ON THE PLAN & PROFILES SHEETS ARE DESCRIBED BELOW:
    - CB – CATCH BASIN
    - MH I – STORM DRAIN MANHOLE, TYPE I
    - MH II – STORM DRAIN MANHOLE, TYPE II
    - OGS – OIL AND GRIT SEPARATOR
    - CONNECT – CONNECT TO EXISTING STORM DRAIN MANHOLE AND/OR PIPE
    - BYPASS – BYPASS PIPE USED TO REROUTE FLOW AROUND OGS DURING MAINTENANCE
    - CI – CURB INLET
    - MH – MANHOLE FRAME AND LID

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TELEPHONE	CB	BW
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3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
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#AECL882-AK

CONSULTANT

STATE OF ALASKA — 49 TH — Joseph C. Hegna — CE-11770 — 3/17/2026 — REGISTERED PROFESSIONAL ENGINEER

SEAL

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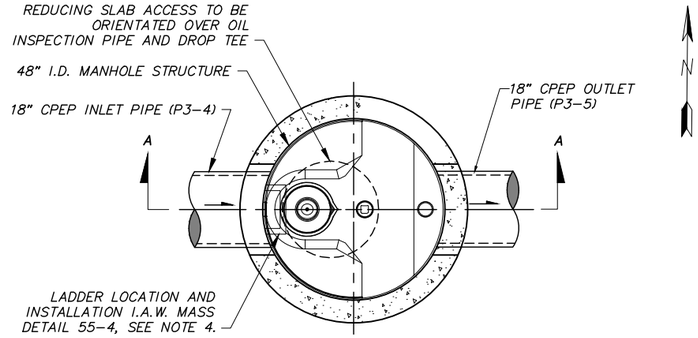
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED B
FLAMINGO DRIVE TO NORTHWOOD STREET

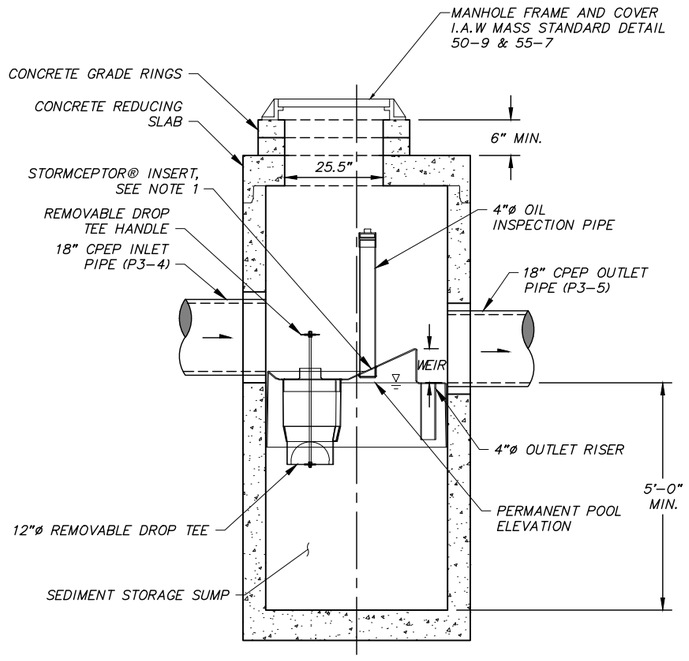
STORM DRAIN DETAILS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET SD5 of SD8

File: \\crweng.com\Projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Details - Storm Drain.dwg



PLAN



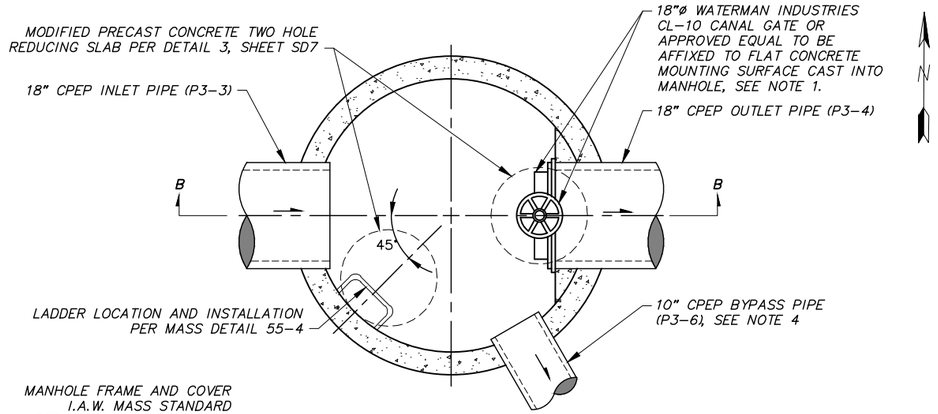
SECTION A-A

OIL & GRIT SEPARATOR NOTES

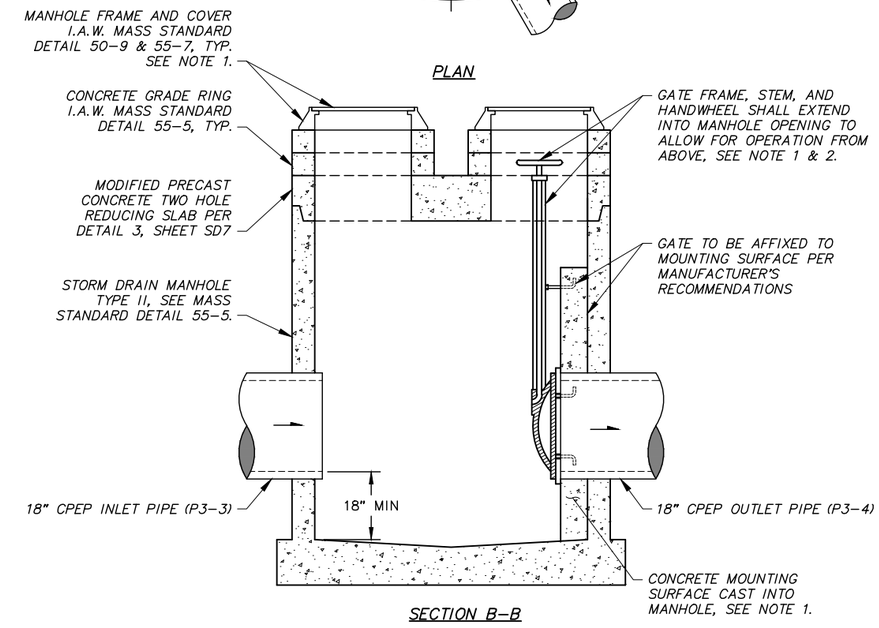
1. OIL AND GRIT SEPARATOR (STRUCTURE OGS3-1) SHALL BE STORMCEPTOR MODEL STC 450i MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS LLC OR APPROVED EQUAL.
2. ACCESS OPENING THROUGH REDUCING SLAB SHOULD BE POSITIONED OVER THE DROP TEE AND OIL PORT.
3. SEE STORM DRAIN PLAN & PROFILE SHEETS FOR INLET AND OUTLET PIPE INVERTS & ORIENTATION AND STRUCTURE INFORMATION.
4. LADDER RUNGS NOT SHOWN IN SECTION VIEW FOR CLARITY.

1 OIL AND GRIT SEPARATOR (OGS3-1) DETAIL

SCALE: NTS



PLAN



SECTION B-B

BYPASS MANHOLE NOTES

1. CAST CONCRETE MOUNTING SURFACE INTO MANHOLE SUCH THAT BYPASS GATE HANDWHEEL IS CENTERED IN ACCESS OPENING.
2. BYPASS GATE STEM SHALL BE NON-RISING TO POSITION HANDWHEEL AT CONVENIENT STATIC OPERATING ELEVATION FROM MANHOLE OPENING ABOVE.
3. BYPASS MANHOLE (S3-4) SHALL BE PAID FOR UNDER PAY ITEM 55.05 CONSTRUCT (TYPE II) BYPASS MANHOLE.
4. BYPASS PIPE (P3-6) NOT SHOWN IN SECTION B-B FOR CLARITY.
5. ADJUST LOCATION OF PIPE PENETRATION INTO MANHOLE FOR BYPASS PIPE (P3-6) AS REQUIRED TO AVOID CONFLICT WITH CONCRETE MOUNTING SURFACE.

2 BYPASS MANHOLE (S3-4) DETAIL

SCALE: NTS

RECORD DRAWING

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GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
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PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

FIELD BOOKS	
DESIGN	CRW BOOK No. 3796, 3825, 3831, 3832, & 3872
STAKING	
ASBUILT	
CONTRACTOR	
INSPECTOR	

CONSTRUCTION RECORD

BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
2014-2326	See MOA Online Benchmark Map	86.96'

BASIS OF THIS DATUM GAAB 1972 ADJUST

VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
Joseph C. Hegna
CE-11770
3/17/2026
REGISTERED PROFESSIONAL ENGINEER

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

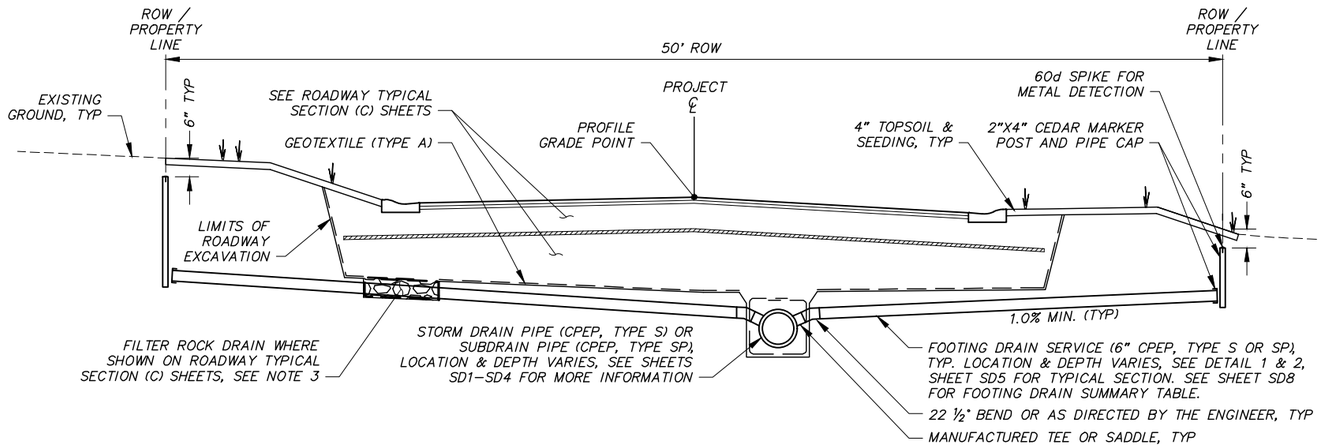
PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED B
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN DETAILS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET SD6 of SD8

File: \\crweng.com\projects\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\01 Civil\10150.00 Details - Storm Drain.dwg

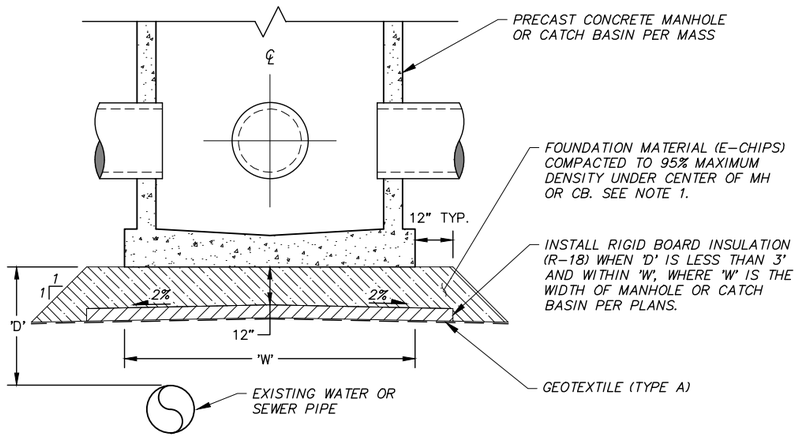


FOOTING DRAIN SERVICE NOTES

1. FINAL LOCATION OF THE FOOTING DRAIN SERVICE MAY BE ADJUSTED BY THE ENGINEER.
2. WHEN FOOTING DRAIN CONNECTS DIRECTLY TO A MANHOLE, OMIT THE 22 1/2° BEND AND CONSTRUCT THE INVERT A MINIMUM OF 1 FT ABOVE THE DOWNSTREAM INVERT. WHEN FOOTING DRAIN CONNECTS DIRECTLY TO A CATCH BASIN, OMIT THE 22 1/2° BEND AND CONSTRUCT THE INVERT A MINIMUM OF 6 IN ABOVE THE DOWNSTREAM INVERT.
3. FOOTING DRAIN SERVICE SHALL BE ROUTED THROUGH FILTER ROCK DRAIN. CONFIRM LAYOUT IN THE FIELD WITH ENGINEER PRIOR TO INSTALLATION.

1 FOOTING DRAIN SERVICE DETAIL

SCALE: NTS

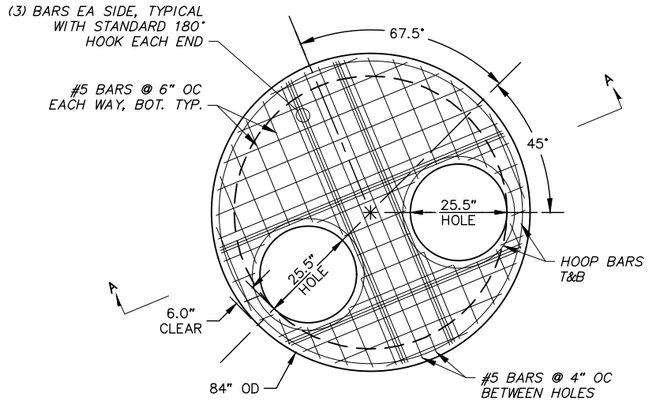


FOUNDATION BACKFILL & STORM DRAIN STRUCTURE INSULATION NOTES

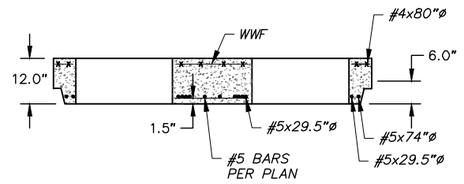
1. INSTALL FOUNDATION MATERIAL (E–CHIPS) AS DIRECTED BY ENGINEER OR WHERE INSULATION IS REQUIRED. PAYMENT FOR GEOTEXTILE SHALL BE INCIDENTAL TO PAY ITEM 20.19 FOUNDATION BACKFILL (E–CHIPS).

2 FOUNDATION BACKFILL & STORM DRAIN STRUCTURE INSULATION DETAIL

SCALE: NTS



PLAN



SECTION A–A

REDUCING SLAB NOTES

1. CONCRETE MINIMUM DESIGN STRENGTH OF 4,000 PSI.

3 MODIFIED PRECAST CONCRETE TWO HOLE REDUCING SLAB DETAIL

SCALE: NTS

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PLAN CHECK

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FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN DETAILS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET SD7 of SD8

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20.26 – INSULATION BOARD (R–18) – PIPE CROSSINGS & STORM DRAIN STRUCTURE INSULATION

SHEET	START STATION	END STATION	OFFSET	WIDTH (FT)	LENGTH (FT)	AREA (SF)	COMMENTS
SD1	1+39	–	4.2 RT	4	8	32	WATER SERVICE (PARCEL 30)
SD2	1+49	–	4.2 RT	4	8	32	WATER SERVICE (PARCEL 29)
SD2	5+55	–	15.4 LT	8	8	64	CATCH BASIN (I2–1) OVER WATER MAIN. SEE DETAIL 2, SHEET SD7.
SD3	12+02	–	5.0 RT	4	8	32	SEWER SERVICE (PARCEL 14)

INSULATION BOARD NOTES:

1. *INSULATION BOARD SHALL BE INSTALLED I.A.W. TYPICAL STORM DRAIN AND SUBDRAIN TYPICAL SECTIONS (SEE SHEET SD5) AND MASS STANDARD DETAIL 20–9.*

55.18 – CONSTRUCT FOOTING DRAIN SERVICE

SHEET	PARCEL	PIPE TYPE	AT PROPERTY LINE STATION	AT PROPERTY LINE OFFSET (FT)	AT MAIN / STRUCTURE STATION	AT MAIN / STRUCTURE OFFSET (FT)	APPROX. LENGTH (FT)	CONNECT TO / COMMENTS	ELEVATION AT ROW (2)
SD1	30	CPEP, S	1+21	26.0 RT	1+21	4.2 RT	21.8	STORM DRAIN PIPE (P1–2)	
	1	CPEP, S	1+24	24.0 LT	1+24	4.2 RT	28.2	STORM DRAIN PIPE (P1–2)	
	29	CPEP, S	1+99	26.0 RT	1+99	4.3 RT	21.7	STORM DRAIN PIPE (P1–2)	
	28	CPEP, S	2+61	26.0 RT	2+61	4.3 RT	21.7	STORM DRAIN PIPE (P1–3)	
	2	CPEP, S	2+96	24.0 LT	2+96	4.3 RT	28.3	STORM DRAIN PIPE (P1–3)	
	27	CPEP, S	3+15	26.0 RT	3+15	4.3 RT	21.7	STORM DRAIN PIPE (P1–3)	
	26	CPEP, SP	4+03	26.0 RT	4+03	4.1 RT	21.9	SUBDRAIN PIPE (P1–4)	
	25	CPEP, SP	4+43	26.0 RT	4+43	4.0 RT	22.0	SUBDRAIN PIPE (P1–4)	
	4	CPEP, SP	4+92	24.0 LT	4+92	3.8 RT	27.8	SUBDRAIN PIPE (P1–5)	
	24	CPEP, SP	5+23	26.0 RT	5+23	3.7 RT	22.3	SUBDRAIN PIPE (P1–5)	
SD2	23	CPEP, SP	5+77	26.1 RT	5+73	3.6 RT	23.1	SUBDRAIN PIPE (P2–3)	
	5	CPEP, SP	6+19	24.0 LT	6+19	0.1 LT	23.8	SUBDRAIN PIPE (P2–3)	
	22	CPEP, SP	6+36	26.0 RT	6+36	2.1 RT	23.9	SUBDRAIN PIPE (P2–3)	
	21	CPEP, SP	6+88	26.0 RT	6+88	4.0 RT	22.0	SUBDRAIN PIPE (P2–4)	
	6	CPEP, SP	6+94	24.0 LT	6+94	4.1 RT	28.1	SUBDRAIN PIPE (P2–4)	
	20	CPEP, SP	7+63	26.0 RT	7+63	4.4 RT	21.6	SUBDRAIN PIPE (P2–4)	
	7	CPEP, SP	7+88	24.0 LT	7+88	4.6 RT	28.6	SUBDRAIN PIPE (P2–4)	
	8	CPEP, SP	8+33	24.0 LT	8+33	4.7 RT	28.7	SUBDRAIN PIPE (P2–7)	
	19	CPEP, SP	8+56	26.0 RT	8+56	4.7 RT	21.3	SUBDRAIN PIPE (P2–7)	
	9	CPEP, SP	9+10	24.0 LT	9+10	4.6 RT	28.6	SUBDRAIN PIPE (P2–7)	
	18	CPEP, SP	9+30	26.0 RT	9+30	4.5 RT	21.4	SUBDRAIN PIPE (P2–7)	
	10	CPEP, SP	9+88	24.0 LT	9+88	4.4 RT	28.4	SUBDRAIN PIPE (P2–7)	
SD3	17	CPEP, SP	10+11	26.0 RT	10+09	4.0 RT	22.1	SUBDRAIN PIPE (P2–7)	
	11	CPEP, SP	10+30	23.9 LT	10+35	0.2 LT	24.4	STORM DRAIN PIPE (P3–1)	
	12	CPEP, SP	10+70	23.9 LT	10+68	1.8 RT	25.9	STORM DRAIN PIPE (P3–2)	
	16	CPEP, SP	11+39	26.0 RT	11+39	5.0 RT	21.0	SUBDRAIN PIPE (P3–3)	
	13	CPEP, SP	11+61	24.0 LT	11+61	5.0 RT	29.0	SUBDRAIN PIPE (P3–3)	
	14	CPEP, SP	12+33	24.1 LT	12+33	15.5 LT	8.6	CATCH BASIN (I3–1)	
	15	CPEP, SP	12+33	26.1 RT	12+33	15.5 RT	10.6	CATCH BASIN (I3–2)	

FOOTING DRAIN SERVICE NOTES:

1. *FOOTING DRAIN SERVICES SHALL BE INSTALLED PER DETAIL 1, SHEET SD7 AND THE SPECIAL PROVISIONS.*
2. *TO BE COMPLETED BY CONTRACTOR AS PART OF AS–BUILT DRAWINGS.*
3. *FOOTING DRAIN SERVICES SHALL BE INSTALLED A MINIMUM OF 11 FEET FROM ANY WATER SERVICE KEY BOX.*
4. *FOOTING DRAIN SERVICES SHALL BE CONSTRUCTED I.A.W. TYPICAL SUBDRAIN TRENCH SECTION (DETAIL 1, SHEET SD5) OR STORM DRAIN TRENCH SECTION (DETAIL 2, SD5) UNLESS OTHERWISE NOTED.*

50.04 – RELOCATE SEWER SERVICE (4–INCH)

SHEET	PARCEL	START STATION	START OFFSET (FT)	END STATION	END OFFSET (FT)	LENGTH (FT)	COMMENTS
SD3	12	10+72	15.1 RT	10+79	23.9 LT	40	POTENTIAL CONFLICT WITH STORM DRAIN
SD3	13	11+51	15.5 RT	11+49	24.0 LT	40	POTENTIAL CONFLICT WITH SUBDRAIN
SD3	14	12+02	12.1 RT	12+01	24.0 LT	36	POTENTIAL CONFLICT WITH SUBDRAIN

60.05 – FURNISH AND INSTALL (1–INCH, COPPER) WATER SERVICE LINE

SHEET	PARCEL	START STATION	START OFFSET (FT)	END STATION	END OFFSET (FT)	LENGTH (FT)	REMARKS
SD1	30	1+39	9.1 LT	1+39	26.0 RT	35	POTENTIAL CONFLICT WITH STORM DRAIN
SD1	29	1+49	9.0 LT	1+49	26.0 RT	35	POTENTIAL CONFLICT WITH STORM DRAIN

WATER SERVICE LINE NOTES:

1. *EXISTING WATER SERVICES IN CONFLICT WITH PROPOSED STORM DRAIN NEED TO BE FIELD VERIFIED FOR PROPER VERTICAL SEPARATION. REPLACE WATER SERVICE AS NECESSARY TO MAINTAIN A MINIMUM OF 18–INCHES OF VERTICAL SEPARATION FROM PROPOSED STORM DRAIN.*
2. *NO THREE PART UNIONS WILL BE ALLOWED IN ROW FOR WATER SERVICE REPAIRS OR LOWERING. WATER SERVICES REQUIRED TO BE REPLACED DURING THE PROJECT SHALL BE REPLACED FROM WATER MAIN TO PROPERTY LINE AND INCLUDE NEW WATER SERVICE KEY BOX AT PROPERTY LINE.*
3. *WATER SERVICE LINE SHALL BE INSTALLED PER MASS STANDARD DETAIL 60–13..*

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PLAN CHECK

FIELD BOOKS	BM NO.	LOCATION	ELEV.
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ASBUILT			
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INSPECTOR			

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REVISIONS

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20–15 TASHA DRIVE SCHED B
FLAMINGO DRIVE TO NORTHWOOD STREET

STORM DRAIN SUMMARY TABLES

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET SD8 of SD8

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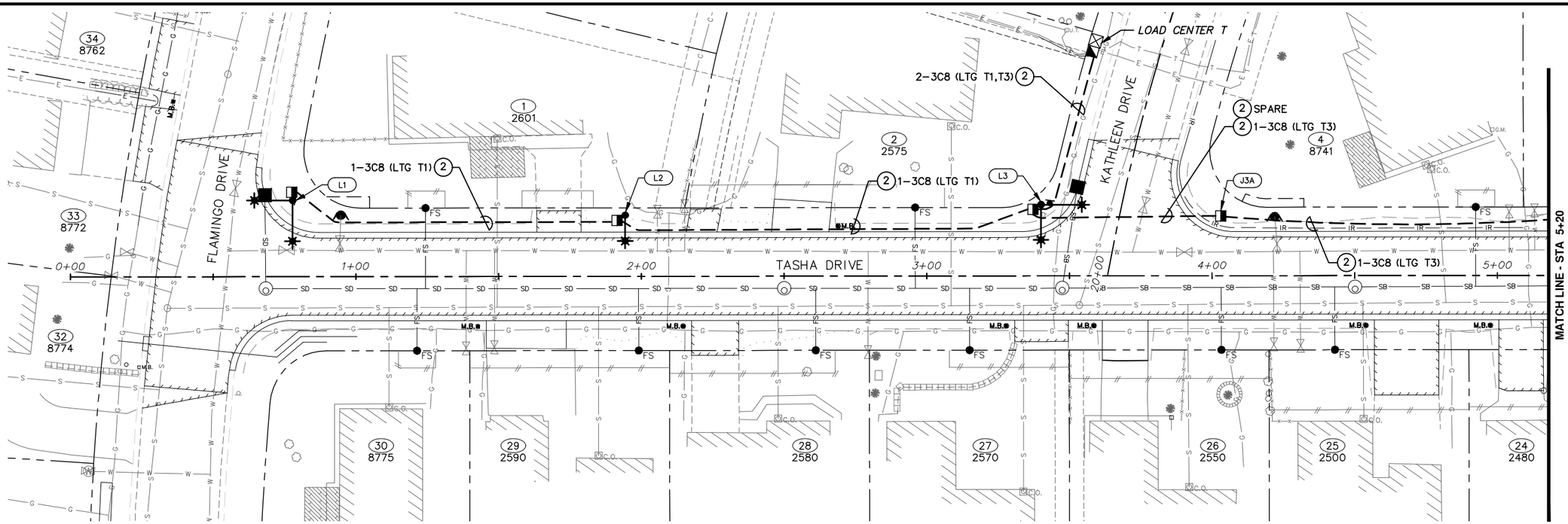
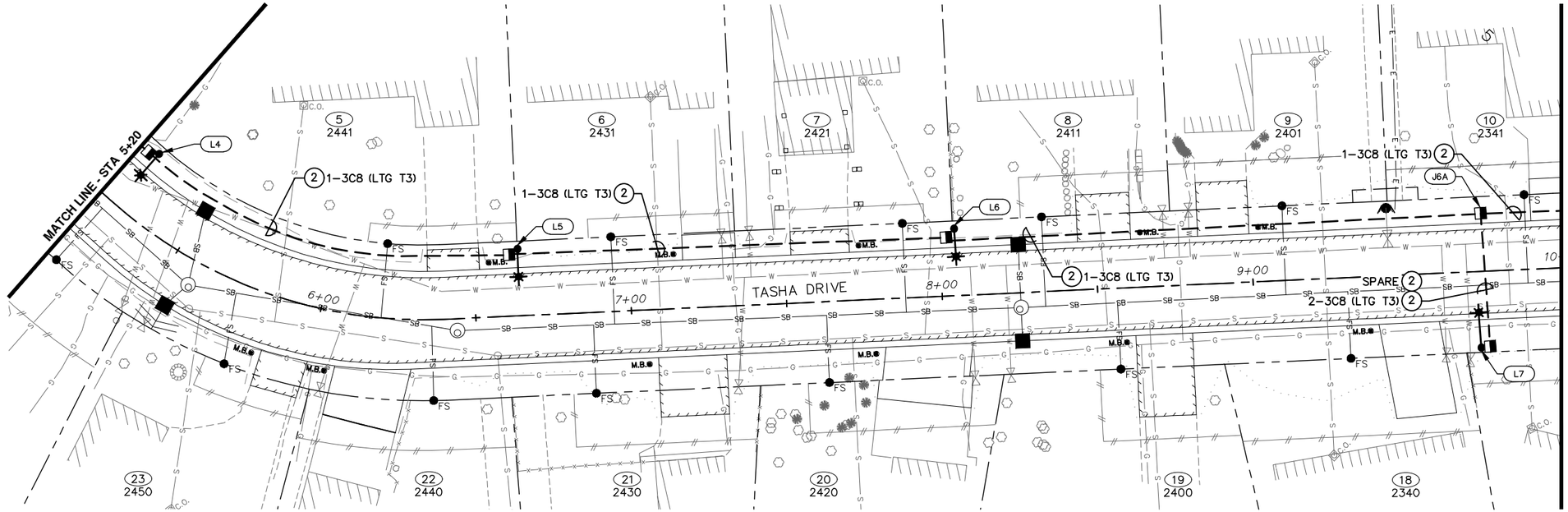


ILLUMINATION NOTES:
1. SEE NOTES ON SHEET 12.



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GRAPHIC SCALE 40 20 0 20 40

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ILLUMINATION PLAN

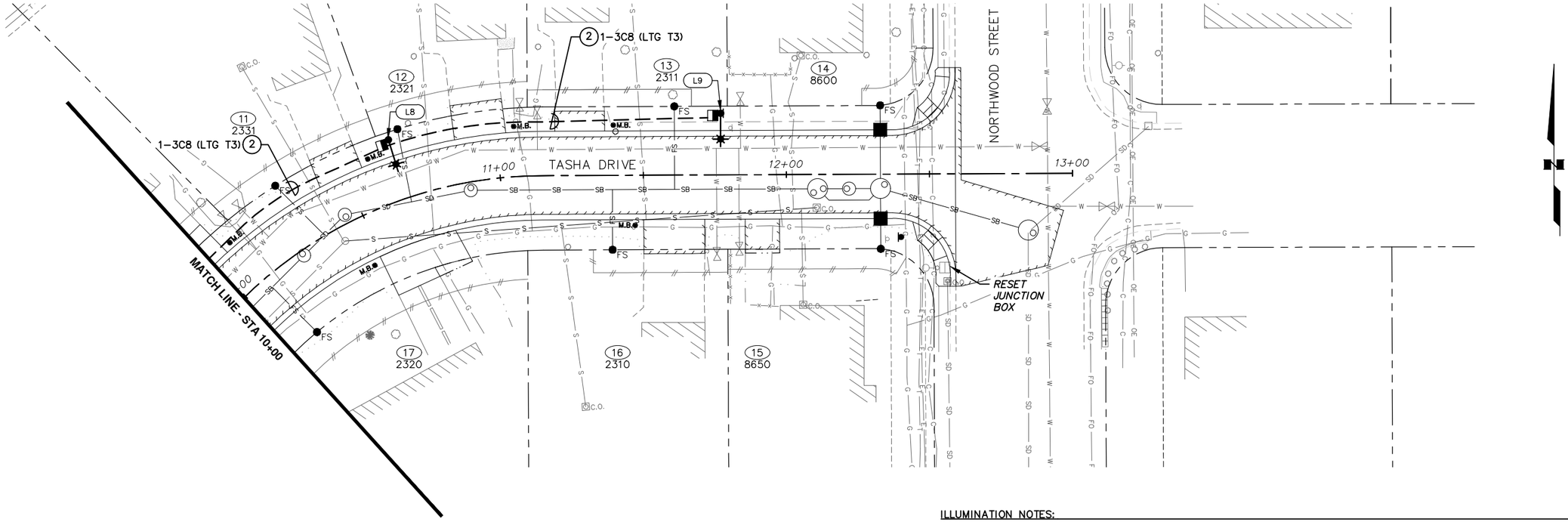
TASHA DRIVE
BOP TO STA 10+00

SCALE HOR. 1"=20'
VER. N/A

GRID SW2327
DATE MARCH 2026 STATUS FINAL

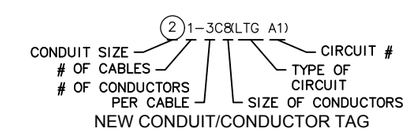
SHEET 11 of 14

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 Cadd 2019\01 Working Set\03 Electrical\10150.00 Illumination Plans.dwg



ILLUMINATION NOTES:

1. PROVIDE HOT DIP GALVANIZED STEEL POLES WITH MAST ARMS PER MOA STANDARD DETAILS 80-19 AND 80-20, RESPECTIVELY.
2. ALL LUMINAIRE POLE FOUNDATIONS SHALL BE DRIVEN PILE WITH A FIXED BASE ASSEMBLY UNLESS OTHERWISE NOTED ON THE DRAWINGS. PILE EMBEDMENT DEPTH SHALL BE 15' MINIMUM. LUMINAIRE POLE FOUNDATION SHALL BE LOCATED A MINIMUM OF 2 FEET FROM BACK OF SIDEWALK/PATHWAY OR A MINIMUM OF 7 FEET FROM BACK OF CURB. WHEN POLE LOCATION IS WITHIN 10' OF A UTILITY, EXCAVATE A HOLE TO 12" BELOW ANTICIPATED UTILITIES DEPTH WITH A VACTOR TRUCK BEFORE DRIVING PILE. THIS WORK SHALL BE INCIDENTAL TO THE SECTION 80.04 PAY ITEM. SEE MASS DETAIL 80-9. CONTRACTOR SHALL STAKE LUMINAIRE POLE LOCATIONS IN THE FIELD FOR ENGINEERS REVIEW AND APPROVAL PRIOR TO INSTALLATION OF PILES. AFTER WELDING ON THE PILE CAP ADAPTOR AND ANCHOR PLATE TO THE DRIVEN STEEL PILE, THE CONTRACTOR SHALL COLD GALVANIZE THE PILE CAP, THE PIPE CAP ADAPTOR, AND ANCHOR PLATE, AND THE TOP THREE (3) FEET OF THE STEEL PILE INCLUDING THE PILE CAP AND THE ANCHOR PLATE. FURNISH GALVANIZATION MATERIAL PER MASS SECTION 80.4.5.
3. LUMINAIRES APPROVED FOR SUBSTITUTION SHALL PROVIDE THE LIGHT LEVELS AND UNIFORMITIES INDICATED IN THE LIGHT LEVELS TABLE.
4. PROVIDE THE POLE SHAFT LENGTHS AND MAST ARM LENGTHS SHOWN IN THE ROADWAY LUMINAIRE SCHEDULE.
5. PROVIDE RIGID METAL CONDUIT (RMC) WITH A BARE, STRANDED COPPER GROUND FOR ALL RACEWAYS. GROUND TO BE SIZED TO EQUAL THE LARGEST CONDUCTOR SIZE IN THE CONDUIT, MINIMUM #8 AWG. ALL CONDUITS AND FITTINGS SHALL BE HOT-DIPPED GALVANIZED PER MASS 80.07.1.
6. PROVIDE ONE SPARE 2" RMC WITH PULL ROPE BETWEEN THE JUNCTION BOXES ADJACENT TO EVERY ROAD CROSSING.
7. PROVIDE A 3 CONDUCTOR CABLE FOR EACH BRANCH CIRCUIT. SIZE AS SHOWN ON THE DRAWINGS.
8. INSTALL THE JUNCTION BOX WITHIN 3' OF THE POLE OR LOAD CENTER. DO NOT INSTALL JUNCTION BOXES IN SIDEWALKS, PATHWAYS, TRAILS, SLOPES, OR DRAINAGE DITCHES. JUNCTION BOXES INSTALLED BEHIND SIDEWALKS, PATHWAYS OR TRAILS SHALL HAVE A MINIMUM SETBACK OF 2' AND BE PLACED BEHIND OR ON THE DOWN TRAFFIC SIDE OF FOUNDATIONS.
9. IN THE DRAWINGS, EACH JUNCTION BOX HAS THE SAME IDENTIFYING NUMBER AS THE LIGHT POLE OR LOAD CENTER NEXT TO IT. FOR JUNCTION BOXES LOCATED BETWEEN POLES, THE IDENTIFYING NUMBER INCLUDES THE SMALLER OF THE TWO POLE NUMBERS BETWEEN WHICH THE JUNCTION BOX IS LOCATED AND AN "A" SUFFIX.
10. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 NEC AND THE AMENDMENTS ADOPTED IN AMC 23.30.



NEW CONDUIT/CONDUCTOR TAG

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GAS	CB	BW
TELEPHONE	CB	BW
ELECTRIC	JH	TK
DESIGN	CK	JK
QUANTITIES	CK	JK
PRELIMINARY/FINAL	CK	JK
MUNICIPAL/STATE	CK	JK

PLAN CHECK

GRAPHIC SCALE 40 20 0 20 40

FIELD BOOKS	BM NO.	LOCATION	ELEV.
DESIGN CRW BOOK No. 3796, 3825, 3831, 3832, & 3872	GAAB 39	See MOA Benchmark Book, Page D-36	62.20'
	2014-2326	See MOA Online Benchmark Map	86.96'
STAKING			
ASBUILT			
CONTRACTOR	BASIS OF THIS DATUM GAAB 1972 ADJUST		
INSPECTOR			

CONSTRUCTION RECORD — VERTICAL DATUM

REV	DATE	DESCRIPTION	BY

REVISIONS

CRW ENGINEERING GROUP
3940 ARCTIC BLVD. SUITE 300
ANCHORAGE, ALASKA 99503
PHONE: (907) 562-3252
#AECL882-AK

CONSULTANT

STATE OF ALASKA 49 TH
REGISTERED PROFESSIONAL ENGINEER
Tyler R. Keene
EE-14401
3/20/2026

SEAL

MUNICIPALITY OF ANCHORAGE
4700 ELMORE ROAD
ANCHORAGE, ALASKA 99507

PROJECT MANAGEMENT AND ENGINEERING DEPARTMENT

20-15 TASHA DRIVE SCHED C
FLAMINGO DRIVE TO NORTHWOOD STREET

ILLUMINATION PLAN & NOTES

TASHA DRIVE
STA 10+00 TO EOP

SCALE HOR. 1"=20' VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET 12 of 14

File: J:\JobsData\10150.00 Tasha Drive Reconstruct\00 CADD 2019\01 Working Set\03 Electrical\10150.00 Illumination Plans.dwg

LIGHT LEVELS TABLE

LOCATION	*MOA REQUIRED MIN. AVERAGE ILLUMINANCE (FC)*	AVERAGE DESIGN ILLUMINANCE (FC)	*MOA REQUIRED MIN. VERTICAL ILLUMINANCE (FC)*	*MOA REQUIRED MAXIMUM UNIFORMITY RATIO*	DESIGN UNIFORMITY RATIO	*MOA REQUIRED MAX. VEILING LUMINANCE RATIO*	DESIGN VEILING LUMINANCE RATIO
TASHA DRIVE	*0.4*	0.9	–	*6.0:1*	4.4:1	*0.4:1*	0.3:1
TASHA DRIVE/FLAMINGO DRIVE INTX	*0.8*	1.5	–	*6.0:1*	5.2:1	–	–
TASHA DRIVE/KATHLEEN DRIVE INTX	*0.8*	1.5	–	*6.0:1*	3.7:0	–	–

NOTES:

1. MOA REQUIREMENTS ARE FROM 2007 DCM CHAPTER 5 FOR A LOCAL ROADWAY WITH LOW PEDESTRIAN CONFLICT (MEDIUM DENSITY RESIDENTIAL).
2. ALL INTERSECTIONS TO BE UPGRADED WITH NEW LUMINAIRES ARE CLASSFIED AS LOCAL/LOCAL.
3. LIGHT LOSS FACTOR (LLF) = 0.85.
4. MOUNTING HEIGHTS ARE 30'.
5. GE CURRENT EVOLVE ERL LED STREETLIGHTS WERE USED AS THE BASIS OF DESIGN.

ROADWAY LUMINAIRE SCHEDULE

POLE	STATION	OFFSET	SHAFT LENGTH	MAST ARM LENGTH	LUMENS	WATTS	DISTRIBUTION	CIRCUIT
L1	00+77.3	27.00 LT	27'	12'*	6,300	50	TYPE 2, NARROW	T1
				13'	6,300	50	TYPE 2, NARROW	T1
L2	01+94.4	21.50 LT	28'	9'	6,300	50	TYPE 2, NARROW	T3
L3	03+40.1	25.00 LT	27'	13'**	6,300	50	TYPE 2, NARROW	T3
				11'	6,300	50	TYPE 2, NARROW	T3
L4	05+24.9	21.50 LT	28'	8'	6,300	50	TYPE 2, NARROW	T3
L5	06+64.3	21.50 LT	28'	8'	6,300	50	TYPE 2, NARROW	T3
L6	08+04.8	21.50 LT	28'	8'	6,300	50	TYPE 2, NARROW	T3
L7	09+72.3	24.50 RT	28'	10'	6,300	50	TYPE 2, NARROW	T3
L8	10+66.8	21.50 LT	28'	8'	6,300	50	TYPE 2, NARROW	T3
L9	11+77.1	21.50 LT	28'	10'	6,300	50	TYPE 2, NARROW	T3

* = WEST MAST ARM

** = EAST MAST ARM

JUNCTION BOX SCHEDULE

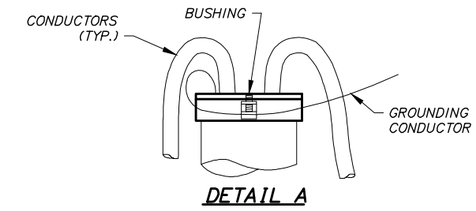
J–BOX	TYPE	CIRCUIT	STATION	OFFSET
J3A	1A	T3	04+03.1	21.00 LT
J6A	1A	T3	09+74.1	18.50 LT

NOTE: ONLY JUNCTION BOXES NOT ASSOCIATED WITH AN LUMINAIRE OR LOAD CENTER ARE SHOWN IN THIS TABLE.

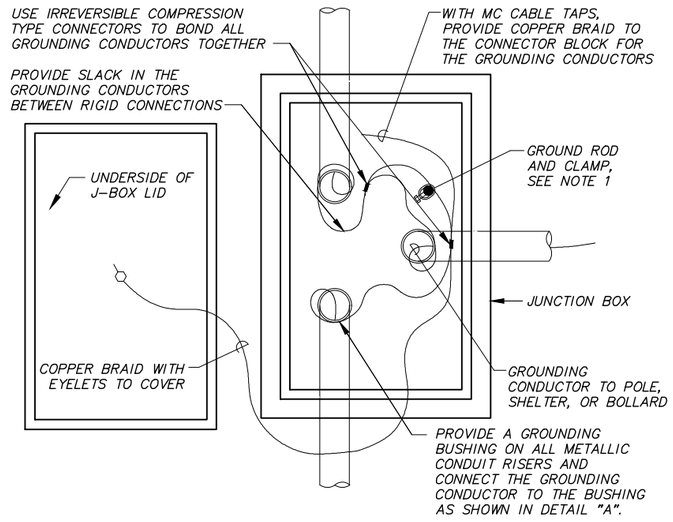
LUMINAIRE SCHEDULE

TYPE	SYMBOL	MAKE	MODEL	LAMP	CCT*	DISTRIBUTION	VOLTAGE	COLOR	OPTIONS	MOUNT
ROADWAY		GE	ERL1	SEE ROADWAY LUMINAIRE SCHEDULE	3000K	SEE ROADWAY LUMINAIRE SCHEDULE	240	GREY	7–PIN RECEPTACLE WITH SHORTING CAP, BACKLIGHT SHIELD	MAST ARM

*CCT = CORRELATED COLOR TEMPERATURE



DETAIL A



1 JUNCTION BOX GROUNDING DETAIL

NTS

ONLY GROUNDING CONDUCTORS ARE SHOWN FOR CLARITY

JUNCTION BOX GROUNDING NOTES:

1. *PROVIDE A 3/4"X10' CU–CLAD STEEL GROUND ROD IN ALL JUNCTION BOXES NOT ASSOCIATED WITH A LOAD CENTER OR A LIGHT POLE. ATTACH GROUND ROD TO THE JUNCTION BOX GROUNDING SYSTEM. THE GROUND ROD SHALL BE INCIDENTAL TO THE JUNCTION BOX PAY ITEM.*
2. *ALL CONDUIT AND FITTINGS SHALL BE HOT DIPPED GALVANIZED PER MASS.*

RECORD DRAWING

1. DATA PROVIDED BY: _____ TITLE: _____
   THIS WILL SERVE TO CERTIFY THAT THESE RECORD DRAWINGS ARE A TRUE AND ACCURATE REPRESENTATION OF THE PROJECT AS CONSTRUCTED.
   CONTRACTOR: _____
   BY: _____ TITLE: _____ DATE: _____
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TOPOGRAPHY	SB	AR
PROFILE	CK	JK
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DESIGN CRW BOOK No. 3796,	3825, 3831, 3832, & 3872
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INSPECTOR	

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BM NO.	LOCATION	ELEV.
GAAB 39	See MOA Benchmark Book, Page D–36	62.20'
2014–2326	See MOA Online Benchmark Map	86.96'

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FLAMINGO DRIVE TO NORTHWOOD STREET

ILLUMINATION SCHEDULES & DETAILS

SCALE HOR. N/A VER. N/A | GRID SW2327 | DATE MARCH 2026 | STATUS FINAL | SHEET 13 of 14

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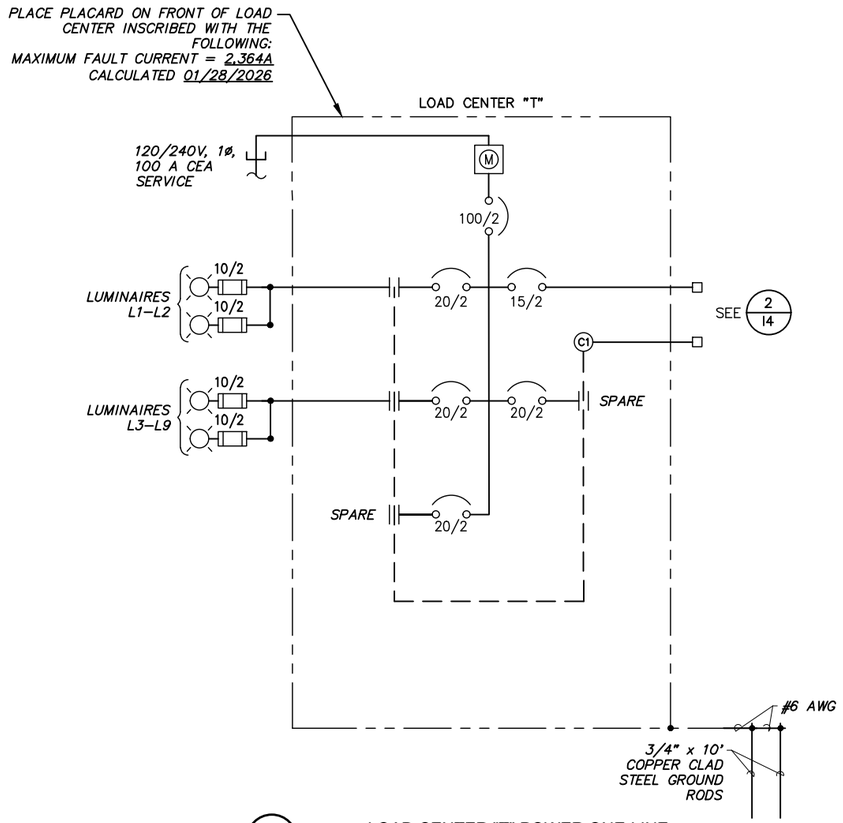
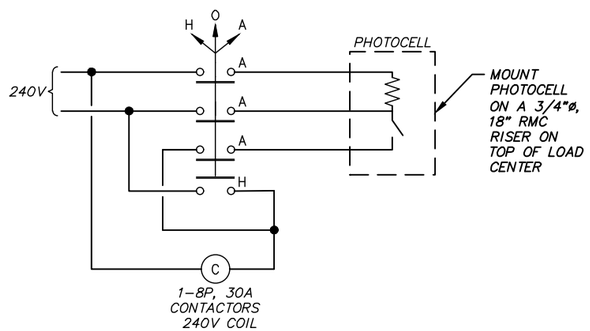


1 LOAD CENTER "T" POWER ONE-LINE
NTS



2 LOAD CENTER PHOTOELECTRIC CONTROL SCHEMATIC
NTS

LOAD CENTER NO. T TYPE: 1A

LOCATION: STATION – 20+79.0, OFFSET – 22.9 LT, KATHLEEN DRIVE

1–8 POLE, 30 AMP CONTACTORS

MAIN BREAKER A: 2 POLE, 100 AMPS, 240 VOLTS

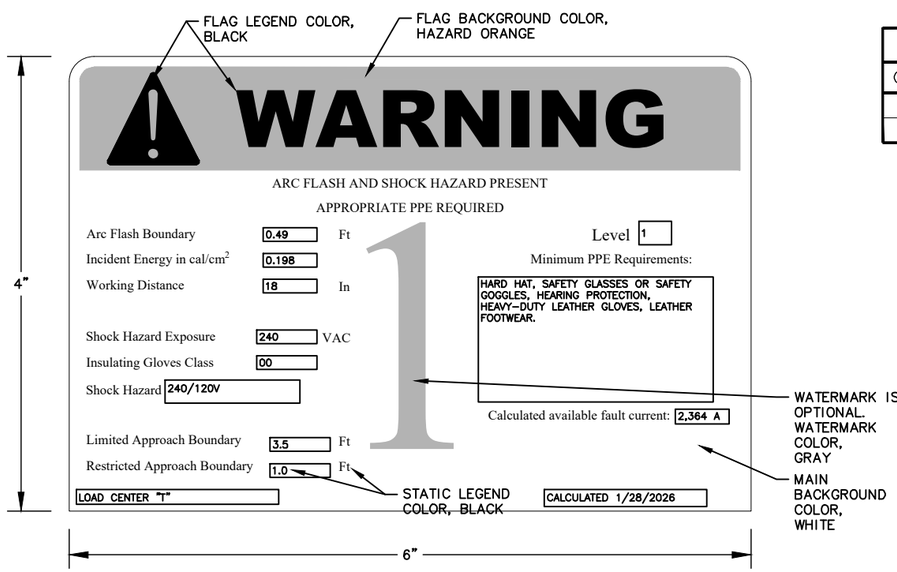
PANEL A 120/240 VOLTS SINGLE PHASE 3 WIRE

100 AMPS MAIN LUGS, 10,000 AMPS INTERRUPT CAPACITY

CKT.	CIRCUIT DESCRIPTION	KVA	AMP		AMP	KVA	CIRCUIT DESCRIPTION	CKT.
T1	LUMINAIRES L1–L2	0.1	20/2	1 2	15/2	0.2	PHOTOELECTRIC CONTROL	T2
T3	LUMINAIRES L3–L9	0.6	20/2	3 4 5 6 7 8	20/2	0.0	SPARE	T4
T5	SPARE		20/2	9 10 11 12 13 14 15 16 17 18 19 20				

TOTAL CONNECTED LOAD = 0.9 KVA

TOTAL AMPS = 3.8 A



3 LOAD CENTER "T" ARC FLASH WARNING LABEL
NTS

VOLTAGE DROP					
CIRCUIT	SIZE	LENGTH	VOLTAGE	CURRENT	V.D.
T1	#8	330'	240V	0.4A	0.03%
T3	#8	1140'	240V	1.5A	0.93%

LOAD CENTER NOTES:

1. PROVIDE A TYPE 1A LOAD CENTER FOUNDATION PER MASS DETAIL 80–2, SIZED FOR THE LOAD CENTER BEING INSTALLED. LOAD CENTER SHALL NOT OVERHANG THE FOUNDATION CHAMFERS.
2. PLACARDS FOR LOAD CENTERS SHALL HAVE SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. CONTACT ENGINEER PRIOR TO ORDER OF PLACARD TO VERIFY MAXIMUM FAULT CURRENT.
3. LABEL THE FRONT WITH 3M SCOTCHCAL REFLECTIVE DECALS NOTING OWNERSHIP: MOA, PURPOSE: LU (ILLUMINATION) AND THE VOLTAGE.
4. PROVIDE ARC FLASH WARNING LABELS WITH INCIDENT ENERGY VALUES AND PERSONAL PROTECTIVE EQUIPMENT (PPE) ON EACH PIECE OF EQUIPMENT IN ACCORDANCE WITH NEC ARTICLE 110.16 AND NFPA 70E.

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LOAD CENTER DETAILS AND SCHEDULES

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